

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 337 (ILLINOIS ROUTE 22)
SECTION 20R-4
PROJECT: *ACNHF-0337(010)*
ROADWAY RECONSTRUCTION, WIDENING, DRAINAGE
TRAFFIC SIGNAL MODERNIZATION
LAKE COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232 #	1
		ILLINOIS	CONTRACT NO. 60860	

#232 + 17 = 249

D-91-531-99



LOCATION OF SECTION INDICATED THIS: —

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

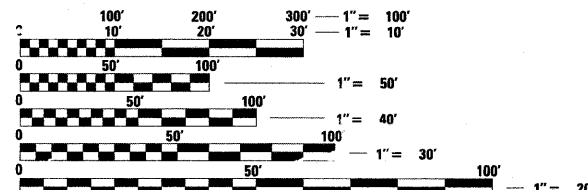
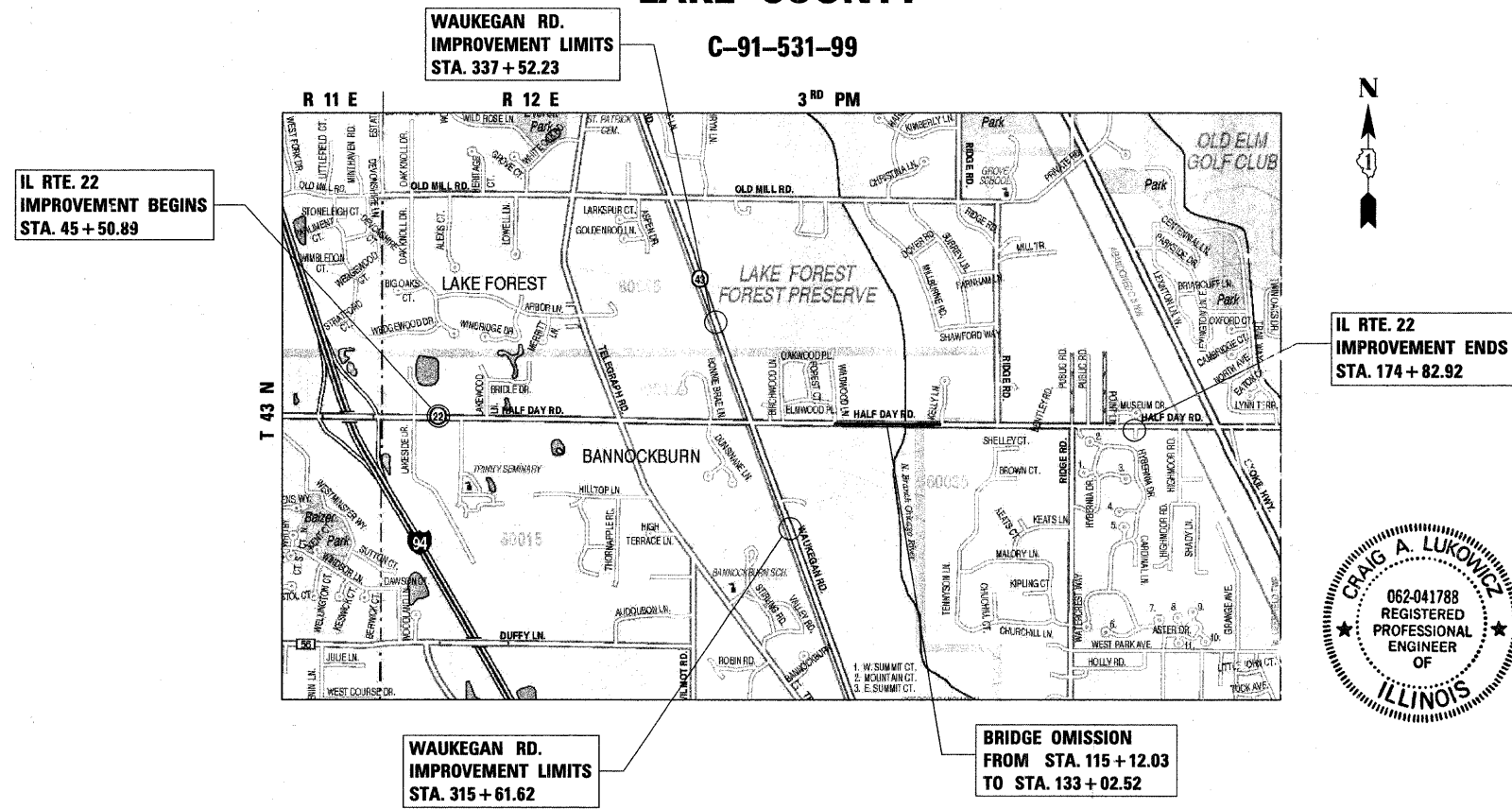
784(20) ARTERIAL 7.08 (PCC-20)

1995 2020
ADT IL. ROUTE 22: 21,800 37,000
POSTED SPEED LIMIT IL. ROUTE 22: 40 MPH
DESIGN SPEED LIMIT IL. ROUTE 22: 45 MPH

ADT IL. ROUTE 43: 24,100 26,000
POSTED SPEED LIMIT IL. ROUTE 43: 40 MPH
DESIGN SPEED LIMIT IL. ROUTE 43: 45 MPH

PROJECT LOCATED IN:

- BANNOCKBURN
- HIGHLAND PARK
- LAKE COUNTY



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

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

PROJECT MANAGER: RAJE IDRA C. SHAH

CONTRACT NO. 60860

GROSS LENGTH = 12,932.03 FT. = 2.449 MILE
NET LENGTH = 11,141.54 FT. = 2.110 MILE

Craig A. Lukowicz
CRAIG A. LUKOWICZ
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-041788
MY LICENSE EXPIRES ON 11-30-11.

CONSULTING ENGINEERS, SCIENTISTS & LAND SURVEYORS
B Bollinger, Lach & Associates, Inc.
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ITASCA • CHICAGO • ALGONQUIN • LAKE GENEV. • SOUTH BEND • INDIANAPOLIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MAY 5, 2010

Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 25 2010
Scott E. Stitt P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

June 25 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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COMMITMENTS:

- ALL WETLANDS IDENTIFIED BY THE INHS ADJACENT TO THE EXISTING AND PROPOSED RIGHT-OF-WAY ARE TO BE PROTECTED FROM INTRUSION AND SEDIMENTATION. PROTECTIVE FENCING AND SILT FENCING WILL BE INSTALLED TO RESTRICT ENTRY BY PERSONNEL, EQUIPMENT, AND SUPPLIES. THE LOCATION OF THE WETLAND SITES SHALL BE SHOWN ON THE CONSTRUCTION DOCUMENTS.
- THE STONE PILLARS STANDING ON EITHER SIDE OF THE ENTRANCE TO DEL MAR WOODS SUBDIVISION SHALL REMAIN UNDISTURBED.
- THE SIGN AT THE ENTRANCE TO DEERFIELD/BANNOCKBURN FIRE PROTECTION DISTRICT (STA. 61+57.71, 71.2' RT) SHALL REMAIN UNDISTURBED DURING RECONSTRUCTION.
- THIS PROJECT WILL REQUIRE AUTHORIZATION UNDER NPDES PERMIT #: ILR10 FOR CONSTRUCTION SITE ACTIVITIES. ADDITIONALLY, THE PROJECT WILL REQUIRE AUTHORIZATION UNDER THE US ARMY CORPS OF ENGINEERS SECTION 404 RP3 - TRANSPORTATION PROJECTS AND RP7 - TEMPORARY CONSTRUCTION ACTIVITIES.

STATE STANDARDS

202001-01	EARTH MEDIAN DITCH CHECK
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 M) JOINTED PCC PAVEMENT
420106-04	36' (10.8 M) JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
420501-04	PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
542401-01	METAL END SECTION FOR PIPE CULVERTS
542606-01	REINFORCED CONCRETE PIPE TEE
601001-03	SUB-SURFACE DRAINS
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602301-02	INLET, TYPE A
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE, TYPE A, 1.8 M (6') DIAMETER
602501-01	VALVE VAULT TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604056-03	FRAME AND GRATE, TYPE 11V
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 (B-6.24)
606201-02	TYPE B CUTTER (INLET, OUTLET, AND ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701206-02	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701431-05	LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS > 45 MPH TO 55 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-03	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONREVERSIBLE MEDIAN
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-01	PEDESTRIAN PUSH BUTTON POST
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877002-01	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
877006-03	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
878001-08	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-1	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- 10' TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIAN IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF BANNOCKBURN AND HIGHLAND PARK AND OTHER AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRICADES: 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.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- ALL STORM SEWER CONNECTIONS WITH PIPES 2' DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 2' DIAMETER OPENINGS OF THE SPECIFIED DIAMETER, SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR THE PROPOSED STORM SEWER LARGER THAN 2' WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR STORM SEWERS.
- REMOVAL OF TEMPORARY PIPE CULVERTS AND TEMPORARY CATCH BASINS SHALL BE CONSIDERED INCLUDED TO THEIR RESPECTIVE PAY ITEMS.
- WHEN CONSTRUCTING SIDEWALK RAMPS FOR THE HANDICAPPED, STATE STANDARD 424001 USE TYPE B RAMPS UNLESS OTHERWISE SPECIFIED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2" WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1" WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE RESIDENT ENGINEER SHALL CONTACT AREA TRAFFIC FIELD ENGINEER DEBIE HANLON AT 847-438-2300, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- NOSE RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH STATE STANDARD 606301, THE PROPOSED NOSE WILL BE PAID FOR AT CONTRACT UNIT PRICE PER SQ. YD. FOR CONCRETE MEDIAN.
- ON STATE STANDARDS 482001 AND 483001 AGGREGATE SUBGRADE 12" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF "AGGREGATE SUBGRADE 12".
- USE NO. 25 (#8) EPOXY-COATED TIE BARS CONFORMING TO ART. 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BARS AS SHOWN ON STATE STANDARD 420001 AND FOR TIEING PC CONCRETE WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.
- TYPE II BARRICADES WHEN USED FOR APPROACH TAPERS, AS INDICATED ON THE STATE STANDARDS OR SHOWN ON THE PLANS SHALL BE SAFETYCADE DIRECTION INDICATOR BARRICADES MANUFACTURED BY WLI INDUSTRIES, INC. 880 ADDISON, P.O. BOX 7050, VILLA PARK, IL 60181-7050 OR EQUIVALENT. THE CONTRACTORS BID PRICES FOR TRAFFIC CONTROL ITEMS SHALL INCLUDE THE COST OF THESE BARRICADES.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- PROJECT CONVERTED FROM METRIC TO ENGLISH UNITS. METRIC POT Sta 108+810.626 = APPROXIMATELY ENGLISH POT Sta 41+09.24 BASED ON THE ILLINOIS STATE TOLLWAY CONTRACT # I-07-5223 PLANS.
- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NO GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

20. SEEDING, CLASS 2A AND TOPSOIL, FURNISH AND PLACE, 4" SHALL BE PLACED ON THE MEDIAN FROM PRAIRIE WOLF SLOUGH TO LANDEN LANE (STA. 125+00 TO STA. 130+00). WORK SHALL BE DONE BY CONTRACTOR.

Rev. B-31-10

FILE NAME	USER NAME	DESIGNED	LP	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\ILRTE22\2009 REVISIONS\CADD Sheets\160860-sht-garino	160860-sht-garino	DRAWN	DC	REVISED			337	20R-4	LAKE	232	2
		CHECKED	JP	REVISED							
		DATE	05/14/2010	REVISED							
SCALE: NTS						SHEET NO. 2 OF 232 SHEETS		STA.		TO STA.	
										CONTRACT NO. 60860	
										ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE													
				80% FED. 20% STATE ROADWAY J000-2A	80% FED. 20% STATE ROADWAY I000-2A	80% FED. 10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED. 10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 15% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK EMERGENCY PRE-EMPTION Y031-3D	100% BANNOCKBURN EMERGENCY PRE-EMPTION Y031-3D				
20101000	TEMPORARY FENCE	FOOT	2,010	2,010													
20200100	EARTH EXCAVATION	CU YD	33,898	33,898													
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	21,789	21,789													
20400800	FURNISHED EXCAVATION	CU YD	2,614	2,614													
20042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1,867	1,867													
20800150	TRENCH BACKFILL	CU YD	10,694	10,694													
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7,100	7,100													
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	41,166	41,166													
* 21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	7,842	7,842													
* 25000210	SEEDING, CLASS 2A	ACRE	5.63	5.63													
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	777	777													
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	777	777													
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	777	777													
* 25100630	EROSION CONTROL BLANKET	SQ YD	27,249	27,249													
* 25200110	SODDING, SALT TOLERANT	SO YD	21,759	21,759													
* 25200200	SUPPLEMENTAL WATERING	UNIT	1,110	1,110													
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	902	902													
28000305	TEMPORARY DITCH CHECKS	FOOT	432	432													
28000400	PERIMETER EROSION BARRIER	FOOT	5,024	5,024													
28000510	INLET FILTERS	EACH	255	255													
28100105	STONE RIPRAP, CLASS A3	SQ YD	54	54													
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	906	906													
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	8,028	2,447									5,581				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	1,581		1,581												
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	867		867												
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	543		543												
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.4		0.4												
40600300	AGGREGATE (PRIME COAT)	TON	1.8		1.8												
X4060826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,061		1,061												
40600895	CONSTRUCTING TEST STRIP	EACH	1		1												

* SPECIALTY ITEMS

(SHEET 1 OF 10)

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\160866-shr-SDD.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 SUMMARY OF QUANTITIES	F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 3	CONTRACT NO. 60860		
PLOT SCALE = #SCALE#	DATE = 05/14/2010	DRAWN - LP	REVISED -			SCALE: NTS	SHEET NO. 3 OF 232 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 5/16/2010		CHECKED - JP	REVISED -										
		DATE	REVISED										

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE														
				80% FED. 20% STATE ROADWAY J000-2A	80% FED. 20% STATE ROADWAY I000-2A	80% FED./10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED./10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED./19.9% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK EMERGENCY PRE-EMPTION Y031-3D	100% BANNOCKBURN EMERGENCY PRE-EMPTION Y031-3D					
54216195	REINFORCED CONCRETE PIPE TEE, 21" PIPE WITH 12" RISER	EACH	3	3														
54216200	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER	EACH	4	4														
54216205	REINFORCED CONCRETE PIPE TEE, 27" PIPE WITH 12" RISER	EACH	3	3														
54216210	REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 12" RISER	EACH	2	2														
54216220	REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 12" RISER	EACH	5	5														
54216231	REINFORCED CONCRETE PIPE TEE, 42" PIPE WITH 12" RISER	EACH	2	2														
54216242	REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 12" RISER	EACH	6	6														
54247090	GRATING FOR CONCRETE FLARED END SECTION 12"	EACH	14	14														
54247140	GRATING FOR CONCRETE FLARED END SECTION 27"	EACH	1	1														
55039700	STORM SEWERS TO BE CLEANED	FOOT	3,180	3,180														
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,400	1,400														
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	49	49														
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	812	812														
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	4,866	4,866														
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	96	96														
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	209	209														
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	127	127														
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	98	98														
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	256	256														
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	748	748														
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	642	642														
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	662	662														
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	20	20														
55100200	STORM SEWER REMOVAL 6"	FOOT	27	27														
55100300	STORM SEWER REMOVAL 8"	FOOT	33	33														
55100400	STORM SEWER REMOVAL 10"	FOOT	308	308														
55100500	STORM SEWER REMOVAL 12"	FOOT	3,672	3,672														
55100700	STORM SEWER REMOVAL 15"	FOOT	837	837														
55100900	STORM SEWER REMOVAL 18"	FOOT	481	481														
55101200	STORM SEWER REMOVAL 24"	FOOT	1,187	1,187														
55101900	STORM SEWER REMOVAL 48"	FOOT	455	455														

* SPECIALTY ITEMS NON-PARTICIPATING

(SHEET 3 OF 10)

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\J160960-shr-S00.dgn	USER NAME = \$USER\$	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 SUMMARY OF QUANTITIES	F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 5	CONTRACT NO. 60860		
PLOT SCALE = \$SCALE\$	DRAWN - LP	CHECKED - JP	REVISED -			SCALE: NTS	SHEET NO. 5 OF 232 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -											

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE									
CODE NO.	ITEM	UNIT	TOTAL QTY.	20% STATE ROADWAY J000-2A	20% STATE ROADWAY I000-2A	80% FED. / 10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED. / 10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. / 13.3% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK EMERGENCY PRE-EMPTION Y031-3D	100% BANNOCKBURN J000-2A
56103100	DUCTILE IRON WATER MAIN 8"	FOOT	60										60
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	45										45
56400100	FIRE HYDRANTS TO BE MOVED	EACH	14										14
60107600	PIPE UNDERDRAINS 4"	FOOT	2,005	2,005									
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3									
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	16	16									
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	93	93									
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	5	5									
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1									
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	23	23									
60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	10	10									
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	58	58									
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5									
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16	16									
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3									
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6									
60236300	INLETS, TYPE A, TYPE 8 GRATE (18" DEPTH)	EACH	2	2									
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	10	10									
60249130	VALVE VAULTS TO BE RELOCATED	EACH	1										1
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3									
60255500	MANHOLES TO BE ADJUSTED	EACH	24	24									
60260100	INLETS TO BE ADJUSTED	EACH	5	5									
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	32	32									
60500040	REMOVING MANHOLES	EACH	12	12									
60500050	REMOVING CATCH BASINS	EACH	44	44									
60500060	REMOVING INLETS	EACH	39	39									
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	16.0	16.0									
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	458	458									
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	35,274	35,274									
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	18,480	18,480									
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	14,409	14,409									

* SPECIALTY ITEMS

(SHEET 4 OF 10)

FILE NAME: \\NLR\22\2009 REVISIONS\CADD Sheets\1160860-sh1-S00.dgn	USER NAME: #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 SUMMARY OF QUANTITIES			F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 6	CONTRACT NO. 60860
PLOT SCALE: #SCALE#	CHECKED - JP	DRAWN - LP	REVISED -		SCALE: NTS	SHEET NO. 6 OF 232 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
PLOT DATE: #5/15/2010	DATE - 05/14/2010	REVISOR -	REVISOR -										

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE																
				80% FED. 20% STATE ROADWAY J000-2A	80% FED. 20% STATE ROADWAY I000-2A	80% FED. 10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED. 10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 13.3% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK EMERGENCY PRE-EMPTION Y031-3D	100% BANNOCKBURN EMERGENCY PRE-EMPTION Y031-3D							
60624600	CORRUGATED MEDIAN	SQ FT	1,702	1,702																
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	14																
67100100	MOBILIZATION	L SUM	1	1																
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1																
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	323	323																
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	14	14																
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,554	1,554																
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	72,406	72,406																
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6,259	6,259																
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	11,123	11,123																
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	186	186																
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	40,314	40,314																
* 72000100	SIGN PANEL - TYPE 1	SQ FT	900		812	33	78.5	45	19.5											
* 72000200	SIGN PANEL - TYPE 2	SQ FT	30				30.0													
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	799	799																
* 72900100	METAL POST - TYPE A	FOOT	812	812																
* 72900200	METAL POST - TYPE B	FOOT	217	217																
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182		182															
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,630		1,630															
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,641		1,641															
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	484		484															
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	303		303															
* 7800 0200	EPOXY ^{POLYUREA} PAVEMENT MARKING - TYPE I - LETTERS AND SYMBOLS	SQ FT	2,188	2,188																
* 7800 0210	EPOXY ^{POLYUREA} PAVEMENT MARKING - TYPE I - LINE 4"	FOOT	4,437	4,437																
* 7800 0230	EPOXY ^{POLYUREA} PAVEMENT MARKING - TYPE I - LINE 6"	FOOT	9,142	9,142																
* 7800 0250	EPOXY ^{POLYUREA} PAVEMENT MARKING - TYPE I - LINE 12"	FOOT	1,331	1,331																
* 7800 0270	EPOXY ^{POLYUREA} PAVEMENT MARKING - TYPE I - LINE 24"	FOOT	896	896																
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	686	686																
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	946	946																
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	946	946																

* SPECIALTY ITEMS

(SHEET 5 OF 10)

FILE NAME: W:\ILRTE22\2010 REVISIONS\CADD Sheets\160860-shr-500.dgn	USER NAME: #USER#	DESIGNED: LP	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL. ROUTE 22 SUMMARY OF QUANTITIES				F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
PLOT SCALE: #SCALE#	DRAWN: LP	CHECKED: JP	REVISED:									337	20R-4	LAKE	232	7	
PLOT DATE: #DATE#	DATE: 05/14/2010	REVISED:	SCALE: NTS									SHEET NO. 7 OF 232 SHEETS	STA.:	TO STA.:	CONTRACT NO. 60860		
												ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE									
CODE NO.	ITEM	UNIT	TOTAL QTY.	80% FED. 20% STATE ROADWAY J000-2A	80% FED. 20% STATE ROADWAY I000-2A	IL. RTE. 22 & TELEGRAPH RD. 80% FED./10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	IL. RTE. 22 & WAUKEGAN RD. 80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	IL. RTE. 22 & RIDGE RD./ TENNYSON LN. 80% FED./10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	IL. RTE. 22 & RIDGE RD. 80% FED./13.3% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK EMERGENCY PRE-EMPTION Y031-3D	100% BANNOCKBURN EMERGENCY PRE-EMPTION Y031-3D
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	12,554			553	781	554	498	10,168			
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	61			41	20						
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	165			13	49	26	77				
* 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	292				268	12	12				
* 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	3,213			159	573	111	94	2,276			
* 81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	134			7	74		53				
* 81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	58			58							
* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	1,774			452	765	365	192				
* 81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	158							158			
* 81306500	REMOVE EXISTING JUNCTION BOX	EACH	2				2						
* 81400100	HANDHOLE	EACH	38			4	8	4	4	18			
* 81400200	HEAVY-DUTY HANDHOLE	EACH	10			2	5	2	1				
* 81400300	DOUBLE HANDHOLE	EACH	9			2	4	2	1				
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	13,072			607	1,118	592	587	10,168			
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2					1	1				
* 85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1			1							
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	4			1	1	1	1				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3,518			839	1,207	1,112	360				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	7,165			1,426	3,664	1,422	653				
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	10,401			1,970	5,489	1,735	1,207				
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,761			803	1,862	694	402				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	13,630			2,255	7,682	2,053	1,640				
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	216			67	64	44	41				
* 87502430	TRAFFIC SIGNAL POST, GALVANIZED STEEL 9 FT.	EACH	1				1						
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2			1			1				
* 87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	1				1						
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1						1				
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4			2	1		1				
* 87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1			1							
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	3			1		1	1				

* SPECIALTY ITEMS

(SHEET 6 OF 10)

FILE NAME: \\NLRTE22\REVISIONS\CADD Sheets\160860-sh1-S00.dgn	USER NAME: #USER#	DESIGNED: LP	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 SUMMARY OF QUANTITIES			F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 8	CONTRACT NO. 60860
PLOT SCALE: #SCALE#	CHECKED: JP	REVISED: -	REVISOR: -		SCALE: NTS	SHEET NO. 8 OF 232 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					
PLOT DATE: 5/15/2010	DATE: 05/14/2010	REVISED: -	REVISOR: -										

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE									
CODE NO.	ITEM	UNIT	TOTAL QTY.	80% FED. 20% STATE ROADWAY J000-2A	80% FED. 20% STATE ROADWAY I000-2A	80% FED./10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED./10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED./13.3% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK EMERGENCY PRE-EMPTION Y031-3D	100% BANNOCKBURN EMERGENCY PRE-EMPTION Y031-3D
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1						1				
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1						1				
* 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1					1					
* 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1					1					
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1			1							
* 87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1				1						
* 87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1			1							
* 87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1					1					
* 87703260	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 70 FT. AND 40 FT.	EACH	1				1						
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36			12	12		12				
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16			4	4	4	4				
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	140			37	16	52	35				
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	90			21	69						
* 87900200	DRILL EXISTING HANDHOLE	EACH	2							2			
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	38			8	16	8	6				
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8			2	2	2	2				
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5			2		2	1				
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	10			2	5	2	1				
* 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1				1						
* 88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4				4						
* 88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1				1						
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6			4			2				
* 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6			1		4	1				
* 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	48			10	21	10	7				
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	43			8	21	8	6				
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,117					689	428				
* 88700200	LIGHT DETECTOR	EACH	7										7
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2										2
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	24			6	6	8	4				
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4			1	1	1	1				
* 89100400	ILLUMINATED SIGN, LED	EACH	2				2						

* SPECIALTY ITEMS

(SHEET 7 OF 10)

FILE NAME W:\ILRTE22\10P REVISIONS\CADD Sheets\1160860-shr-500.dgn	USER NAME = \$USER\$	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 SUMMARY OF QUANTITIES			F.A.P RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 9
PLOT SCALE = \$SCALE\$	CHECKED - JP	REVISED -	REVISED -		SCALE: NTS	SHEET NO. 9 OF 232 SHEETS	STA.	TO STA.	CONTRACT NO. 60860			
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

CONSTRUCTION TYPE CODE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QTY.	80% FED.	80% FED.	IL. RTE. 22 & TELEGRAPH RD.	IL. RTE. 22 & WAUKEGAN RD.	IL. RTE. 22 & RIDGE RD./ TENNYSON LN.	IL. RTE. 22 & RIDGE RD.	80% FED.	50% STATE	100% HIGHLAND PARK	100% BANNOCKBURN
				20% STATE ROADWAY J000-2A	20% STATE ROADWAY I000-2A	80% FED./10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED./10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED./13.3% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	20% STATE INTERCONNECT Y031-1F	50% STATE BANNOCKBURN SIDEWALK SFTY-1B	J000-2A	J000-2A
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	4									4	
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	2									2	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4			1	1	1	1				
89502380	REMOVE EXISTING HANDHOLE	EACH	37			8	15	8	6				
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	33			9	9	9	6				
A2000320	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10									10	
A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5									5	
A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	52										52
A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	19										19
A2005620	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6									6	
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	22										22
A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	22										22
B2001916	TREE, CRATAEGUS PHAENOPYRUM (WASHINGTON HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4										4
B2005516	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	20										20
B2006220	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12									12	
B2006320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	24									24	
C2007218	SHRUB, ROSA KNOCKOUT (KNOCKOUT ROSE), 18" HEIGHT, CONTAINER	EACH	442									442	
C2005818	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 18" WIDTH, CONTAINER	EACH	510									510	
K0012990	PERENNIAL PLANTS, GALLON POT ORNAMENTAL TYPE	UNIT	23.14									23.14	
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	52.25									52.25	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	313										313
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	431										431
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	100	100									
Z0056614	STORM SEWER (WATER MAIN REQUIREMENTS) 21 INCH	FOOT	895										895
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	90										90
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	30										30
Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	405										405
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	488	488									
Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	16,334							16,334			

* SPECIALTY ITEMS

□ 100% PARTICIPATION - VILLAGE OF HIGHLAND PARK Y031-3D

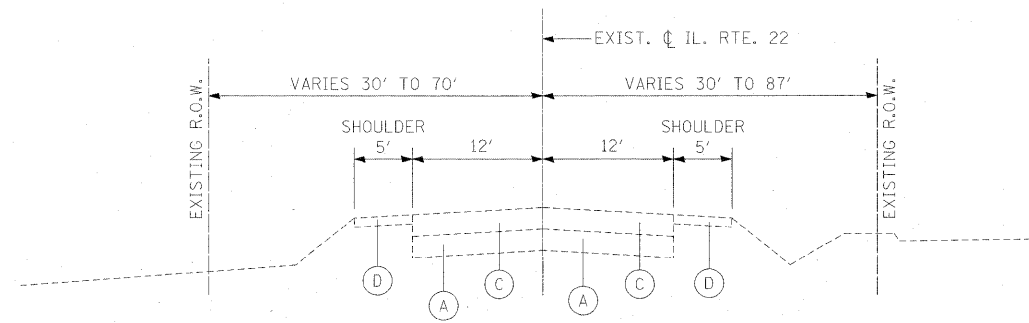
(SHEET 8 OF 10)

FILE NAME: W:\ILRT_22\REVISIONS\CADD Sheets\160860-shr_500.dwg	USER NAME: J160860-shr_500.dwg	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 SUMMARY OF QUANTITIES	F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 10
PLOT SCALE: 1/8" = 1'-0"	PLOT DATE: 5/15/2010	DRAWN - LP	REVISED -			SCALE: NTS	SHEET NO. 10 OF 232 SHEETS	STA. TO STA.	CONTRACT NO. 60860	
CHECKED - JP	DATE - 05/14/2010	REVISOR -	REVISED -			ILLINOIS FED. AID PROJECT				
Rev. B-31-10 - Rev.										

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE																	
				80% FED. 20% STATE ROADWAY J000-2A	80% FED. 20% STATE ROADWAY I000-2A	80% FED./10% STATE 10% BANNOCKBURN TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE TRAFFIC SIGNALS Y031-1F	80% FED./10% STATE 10% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED./10% STATE 6.7% HIGHLAND PARK TRAFFIC SIGNALS Y031-1F	80% FED. 20% STATE INTERCONNECT Y031-1F	50% STATE 50% BANNOCKBURN SIDEWALK SFTY-1B	100% HIGHLAND PARK J000-2A	100% BANNOCKBURN J000-2A								
K1001970	CA-7 WASHED GRAVEL FOR RAIN GARDEN	CU YD	350																		350
* XX002264	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	181					181													
X0326981	ENGINEERED SOIL FURNISH AND PLACE (SPECIAL)	CU YD	350																		350
X0326210	GEOTECHNICAL FABRIC, SPECIAL	SQ YD	741																		741
* K1001985	IRRIGATION SLEEVES	FOOT	3,085																		3,085
60221102	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1																	
542A8233	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	154	154																	
X0326982	PIPE UNDERDRAIN (SPECIAL)	FOOT	870																		870
* 87702762	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 54 FT. AND 50 FT.	EACH	1					1													
* 87702766	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 58 FT. AND 46 FT.	EACH	1					1													
X6021193	TEMPORARY CATCH BASINS	EACH	9	9																	
* X0325462	MEDIA CONVERTER	EACH	1									1									
* XX003661	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	528					528													
* XX005940	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1					1													
* XX006655	LAYER II (DATALINK) SWITCH	EACH	1					1													
* XX007017	TERMINATE FIBER IN CABINET	EACH	20									20									
* XX008251	SPLICE FIBER IN CABINET	EACH	24									24									
* XX008253	VIDEO ENCODER	EACH	1					1													
* X8730535	ELECTRIC CABLE IN CONDUIT, VIDEO NO.20 .4C	FOOT	528					528													
C2C07005	SHRUB, ROSA RADKOPINK (PINK DOUBLE KNOCK OUT ROSE), 18" HEIGHT, CONTAINER	EACH	178																		178
B2006126	TREE, SYRINGA PEKINENSIS ZHUNG ZHIMING (BENING GOLD PEKING LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	10																		10
K0012980	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	UNIT	36.60																		36.60

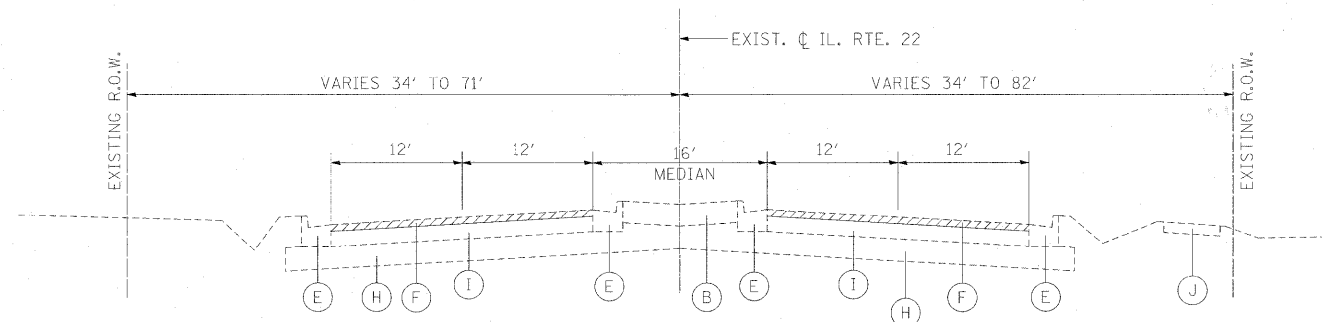
* SPECIALTY ITEMS

(SHEET 10 OF 10)

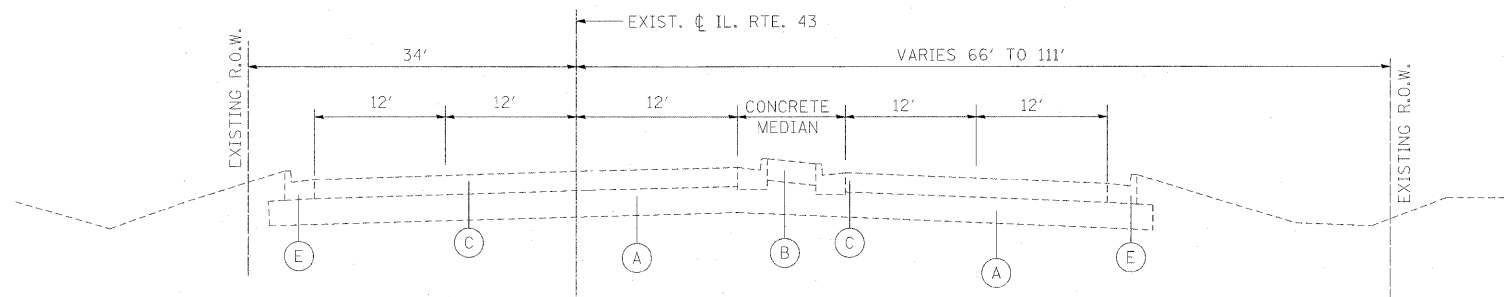


EXISTING TYPICAL SECTIONS
 STA. 45+50.89 TO STA. 115+12.03
 PROJECT OMISSION FROM STA. 115+12.03
 TO STA. 133+02.52

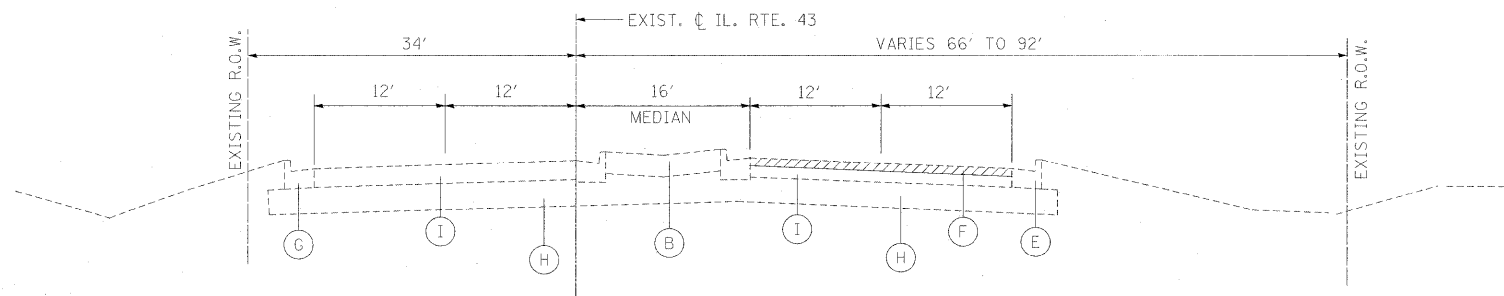
- EXISTING:**
- (A) EXISTING AGGREGATE SUBBASE (R)
 - (B) EXISTING CONCRETE MEDIAN SURFACE, 4" (R)
 - (C) EXISTING PCC PAVEMENT VARIES FROM 6 1/2" TO 19 1/4" (R)
 - (D) EXISTING AGGREGATE SHOULDERS, 4" (R)
 - (E) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.12 (R)
 - (F) EXISTING BITUMINOUS SURFACE REMOVAL 2 1/2"
 - (G) EXISTING CURB AND GUTTER TO REMAIN
 - (H) EXISTING AGGREGATE SUBBASE TO REMAIN
 - (I) EXISTING BITUMINOUS PAVEMENT TO REMAIN
 - (J) EXISTING 5' SIDEWALK TO REMAIN



EXISTING TYPICAL SECTIONS
 STA. 133+02.52 TO STA. 174+82.92



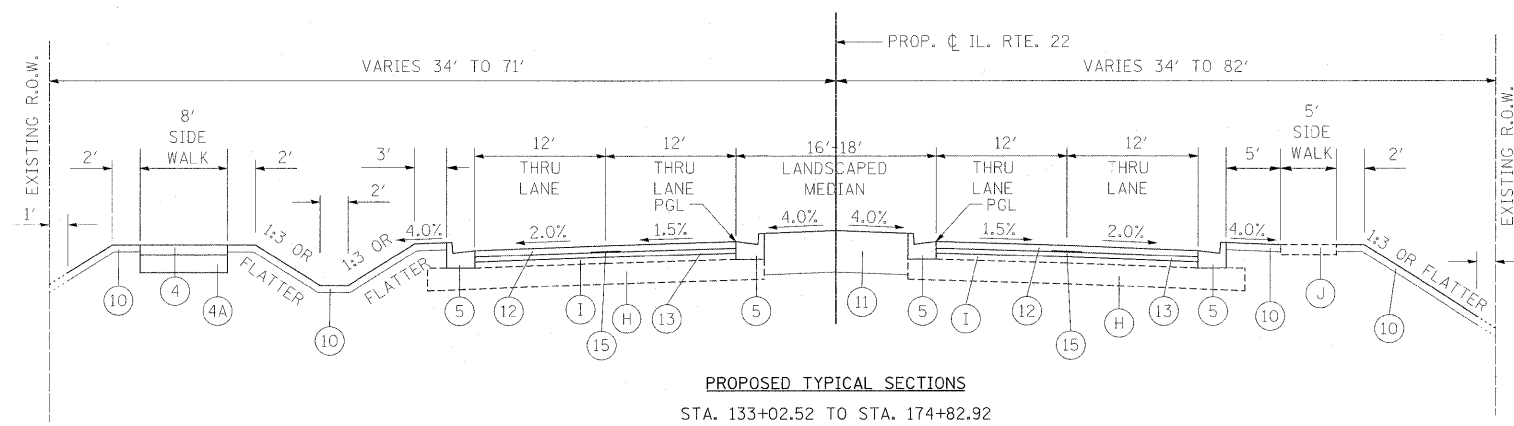
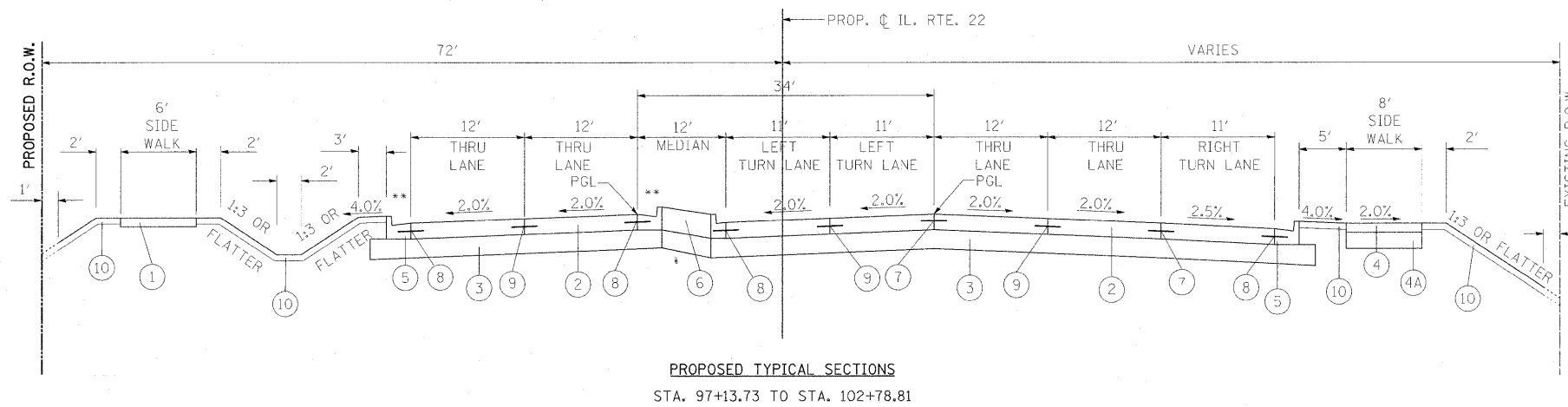
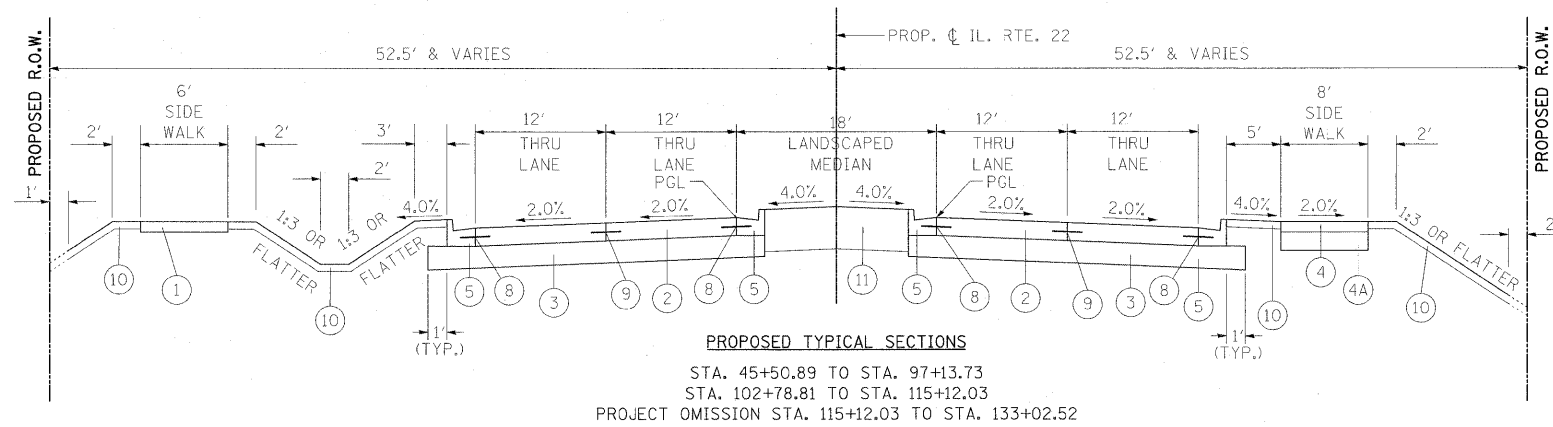
EXISTING TYPICAL SECTIONS
 STA. 323+84.53 TO STA. 332+35.59



EXISTING TYPICAL SECTIONS
 STA. 315+61.62 TO STA. 323+84.53
 STA. 332+35.59 TO STA. 337+52.23

ITEMS WITH (R) ARE TO BE REMOVED

FILE NAME =	USER NAME = #USFR#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 AND IL. ROUTE 43 EXISTING TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\ILRTE22\2009 REVISIONS\CADD Sheets\168868-shr-typical.dgn	PLOT SCALE = #SCALE#	DRAWN - DC	REVISED -					337	20R-4	LAKE	232	13
PLOT DATE = 5/15/2010	DATE = 05/14/2010	CHECKED - JP	REVISED -		CONTRACT NO. 60860			ILLINOIS FED. AID PROJECT				
					SCALE: NTS	SHEET NO. 13 OF 232 SHEETS	STA.	TO STA.				

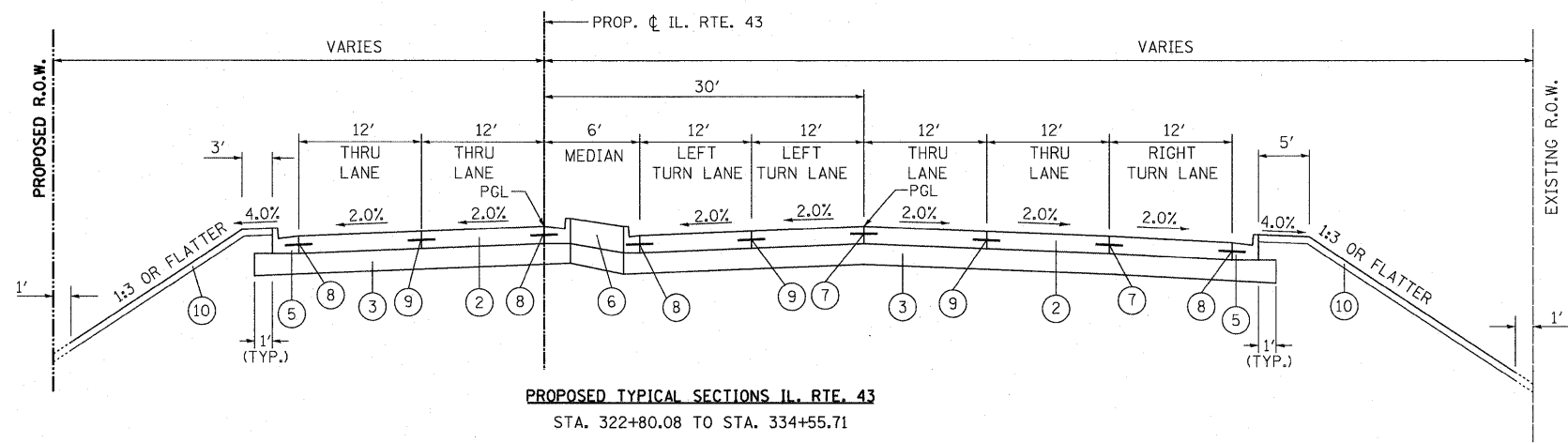


- EXISTING:**
- (A) EXISTING AGGREGATE SUBBASE (R)
 - (B) EXISTING CONCRETE MEDIAN SURFACE, 4" (R)
 - (C) EXISTING PCC PAVEMENT VARIES FROM 6 1/2" TO 19 1/4" (R)
 - (D) EXISTING AGGREGATE SHOULDERS, 4 (R)
 - (E) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.12 (R)
 - (F) EXISTING BITUMINOUS SURFACE REMOVAL 2 1/2"
 - (G) EXISTING CURB AND GUTTER TO REMAIN
 - (H) EXISTING AGGREGATE SUBBASE TO REMAIN
 - (I) EXISTING BITUMINOUS PAVEMENT TO REMAIN
 - (J) EXISTING 5' SIDEWALK TO REMAIN
- PROPOSED**
- (1) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5"
 - (2) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - (3) PROPOSED AGGREGATE SUBGRADE 12"
 - (4) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
 - (4A) PROPOSED AGGREGATE BASE COURSE, TYPE B, 6"
 - (5) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 OR TYPE B-6.12
 - (6) PROPOSED COMBINATION CURB & GUTTER BARRIER MEDIAN, TYPE SB-6.24
 - (7) PROPOSED LONGITUDINAL CONSTRUCTION JOINT WITH NO. 1" x 24" EPOXY COATED DEFORMED TIE BARS AT 24" CENTERS
 - (8) PROPOSED LONGITUDINAL CONSTRUCTION JOINT WITH NO. 3/4" x 24" EPOXY COATED DEFORMED TIE BARS AT 24" CENTERS
 - (9) PROPOSED SAWED LONGITUDINAL JOINT WITH NO. 3/4" x 30" EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
 - (10) PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT OR SEEDING, CLASS 2A OR SEEDING, CLASS 4A
 - (11) PROPOSED TOPSOIL FURNISH AND PLACE, 24" AND SEEDING CLASS 2A
 - (12) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
 - (13) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 - (14) PROPOSED HOT-MIX ASPHALT BASE COURSE, WIDENING 8"
 - (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (16) PROPOSED AGGREGATE SHOULDER - TYPE B, 8"
 - (17) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
 - (18) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4" MIN.
 - (19) PROPOSED HOT-MIX ASPHALT BASE COURSE, 6"
 - (20) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
 - (21) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - (22) PROPOSED AGGREGATE (PRIME COAT)

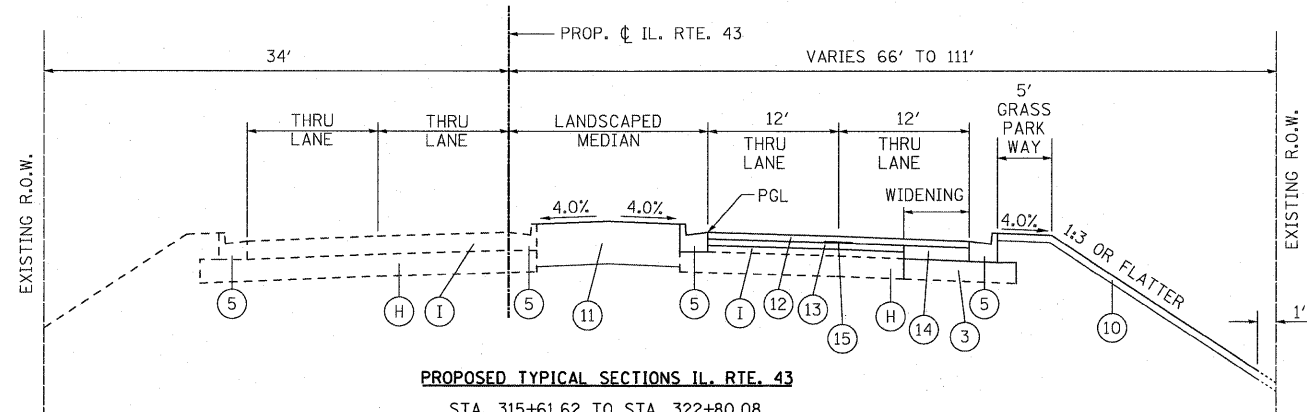
STRUCTURAL DESIGN TRAFFIC:		Year	2020
PV =	31,444	SU =	361
		MU =	1,051
ROAD/STREET CLASSIFICATION:		Class	1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	32%	S =	45%
		M =	45%
TRAFFIC FACTOR:		Actual TF =	7.08
		AC Type =	10
Minimum TF = 6.03			
AC GRADE:		Binder =	-
		Surface =	-
SUBGRADE SUPPORT RATING:			
SSR =		POOR (Sta. 45+50.89 to 174+82.92)	
SSR =		- (Sta. - to -)	

ITEMS WITH (R) ARE TO BE REMOVED
 **MOUNTABLE CURB AND GUTTER TO BE USED FROM APPROXIMATELY STA. 97+90 TO STA. 98+73

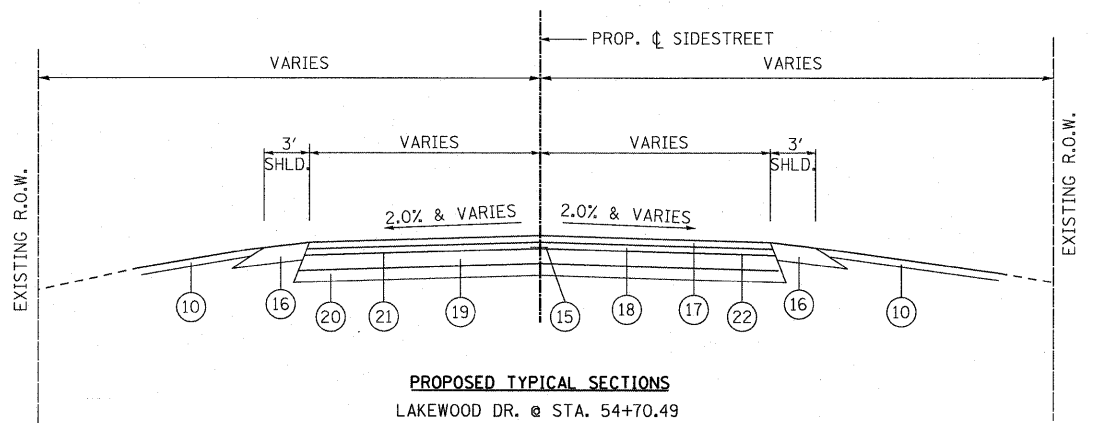
STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK



PROPOSED TYPICAL SECTIONS IL. RTE. 43
STA. 322+80.08 TO STA. 334+55.71



PROPOSED TYPICAL SECTIONS IL. RTE. 43
STA. 315+61.62 TO STA. 322+80.08
STA. 334+55.71 TO STA. 337+52.23



PROPOSED TYPICAL SECTIONS
LAKEWOOD DR. @ STA. 54+70.49
DRIVEWAY @ STA. 62+97.30
BROADLEYS CT. @ STA. 92+84.85
WILDWOOD DR. @ STA. 114+35.12

ITEMS WITH (R) ARE TO BE REMOVED

THE CONTRACTOR SHALL HAVE THE OPTION OF USING PCC PAVEMENT 10" OR HOT-MIX ASPHALT PAVEMENT 8" FOR TEMPORARY PAVEMENT AS SPECIFIED IN THE SPECIAL PROVISION AND THE MIXTURE REQUIREMENT TABLE ABOVE.

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN 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.

EXISTING:

- (A) EXISTING AGGREGATE SUBBASE (R)
- (B) EXISTING CONCRETE MEDIAN SURFACE, 4" (R)
- (C) EXISTING PCC PAVEMENT VARIES FROM 6 1/2" TO 19 1/4" (R)
- (D) EXISTING AGGREGATE SHOULDERS, 4 (R)
- (E) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24 OR TYPE B-6.12 (R)
- (F) EXISTING BITUMINOUS SURFACE REMOVAL 2 1/2"
- (G) EXISTING CURB AND GUTTER TO REMAIN
- (H) EXISTING AGGREGATE SUBBASE TO REMAIN
- (I) EXISTING BITUMINOUS PAVEMENT TO REMAIN
- (J) EXISTING 5' SIDEWALK TO REMAIN

PROPOSED

- (1) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (2) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (3) PROPOSED AGGREGATE SUBGRADE 12"
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- (11) PROPOSED TOPSOIL FURNISH AND PLACE, 24" AND SEEDING CLASS 2A
- (12) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (13) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (14) PROPOSED HOT-MIX ASPHALT BASE COURSE, WIDENING 8"
- (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (16) PROPOSED AGGREGATE SHOULDER - TYPE B, 8"
- (17) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
- (18) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4" MIN.
- (19) PROPOSED HOT-MIX ASPHALT BASE COURSE, 6"
- (20) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (21) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (22) PROPOSED AGGREGATE (PRIME COAT)

HMA MIXTURE REQUIREMENTS CHART		
MIXTURE TYPE	AIR VOIDS	THICKNESS
ROADWAY RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5mm)	4% @ 90 GYR.	1 3/4"
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.	3/4"
ROADWAY WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5mm)	4% @ 90 GYR.	1 3/4"
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19mm)	4% @ 90 GYR.	8"
ROADWAY RECONSTRUCTION (SIDE STREETS)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm)	4% @ 50 GYR.	1 1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	4% @ 50 GYR.	2 1/4"
HOT-MIX ASPHALT BASE COURSE (HMA BINDER, IL-19mm)	4% @ 50 GYR.	6"
BIKE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5mm)	4% @ 50 GYR.	2"
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5mm)	4% @ 50 GYR.	2"
HOT-MIX ASPHALT BASE COURSE	4% @ 50 GYR.	8"
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.	13"
PAVEMENT REPLACEMENT		
HOT-MIX ASPHALT SHOULDERS	4% @ 50 GYR.	8"
INCIDENTAL HOT-MIX ASPHALT SURFACING	4% @ 70 GYR.	2 1/2"

PROPOSED PAVEMENT MARKING											
LOCATION STA. - STA.	POLYUREA PAVEMENT					THERMOPLASTIC PAVEMENT					RAISED REFLEC. MARKERS (EACH)
	MARKING LINE				LETTERS & SYMBOLS (SQ FT)	MARKING LINE				LETTERS & SYMBOLS (SQ FT)	
	4" (FT)	6" (FT)	12" (FT)	24" (FT)		4" (FT)	6" (FT)	12" (FT)	24" (FT)		
IL. ROUTE 22											
45+50.89 - 52+00	1067.22	618.9	212.5	17.7	109.2						54
52+00 - 67+00	660	961.7	188.6	76.5	109.2						74
67+00 - 82+00	650	1203.3	136.6	149.4	109.2						78
82+00 - 97+00	700	813.77	138.4	122.2	329.2						88
97+00 - 112+00	650	4358.4	654.5	458.2	668.4						104
112+00 - 127+00	120	201.3	0	0	36.4						19
127+00 - 142+00						140	98.4	0	0	36.4	20
142+00 - 157+00						650	377.6	357.6	302.9	72.8	73
157+00 - 172+00						720	247.6	126.7	0	72.8	82
172+00 - 174+82.92						120	0	0	0	0	12
IL. ROUTE 43											
315+61.61 - 326+00	280	506.2	0	48	231.6						40
330+00 - 337+52.22	310	478	0	24	170.4						42
TOTAL	4437.22	9141.6	1330.5	896	2187.6	1630	1640.5	484.3	302.9	182	686

COMBINATION CONCRETE CURB & GUTTER		
LOCATION STA. - STA.	TYPE	
	B-6.12 (FT)	B-6.24 (FT)
IL. ROUTE 43		
315+61.61 - 326+00		2118.47
330+00 - 337+52.22		2142.29
IL. ROUTE 22		
45+50.89 - 52+00		1263.93
52+00 - 67+00		4315.76
67+00 - 82+00		4149.77
82+00 - 97+00		5380.39
97+00 - 112+00	458.24	4030.57
112+00 - 127+00		1383.78
127+00 - 142+00		1499.84
142+00 - 157+00		3974.54
157+00 - 172+00		4231.22
172+00 - 174+82.92		783.51
TOTAL		35274.00

CONCRETE MEDIAN	
LOCATION STA. - STA.	TYPE
	SB-6.24 (SQ. YD)
IL. ROUTE 43	
315+61.61 - 326+00	1986.04
330+00 - 337+52.22	1459.83
IL. ROUTE 22	
45+50.89 - 52+00	1686.61
52+00 - 67+00	3955.16
67+00 - 82+00	4055.90
82+00 - 97+00	
97+00 - 112+00	
112+00 - 127+00	
127+00 - 142+00	
142+00 - 157+00	1132.56
157+00 - 172+00	1132.56
172+00 - 174+82.92	1459.83
TOTAL	14408.7

TEMPORARY PAVEMENT MARKING						
STAGE	LOCATION STA. - STA.	LINE SIZE				LETTERS & SYMBOLS (SQ FT)
		4" (FT)	6" (FT)	12" (FT)	24" (FT)	
STAGE 1	IL. ROUTE 22					
	45+50.89 - 52+00	300.00				
	52+00 - 67+00	3180.00				
	67+00 - 82+00	2580.00				
	82+00 - 97+00	4365.00				61.2
	97+00 - 112+00	4657.56	370.00			412.8
	112+00 - 127+00	870.00				
	127+00 - 142+00	3230.00	680.00	23.67		36.3
	142+00 - 157+00	1830.00	960.00	63.02		72.6
	157+00 - 172+00		90.00			
172+00 - 174+82.92		120.00				
STAGE 2	IL. ROUTE 43					
	315+61.61 - 326+00	1716.72	100.00			72.6
	330+00 - 337+52.22	2797.86	53.71			36.3
	TOTAL	72,406	6,259	11,123	186	1,154

WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III						
STAGE	LOCATION STA. - STA.	LINE SIZE				LETTERS & SYMBOLS (SQ FT)
		4" (FT)	6" (FT)	12" (FT)	24" (FT)	
STAGE 3	IL. ROUTE 22					
	45+50.89 - 52+00	2163.89	216.54	14.50		72.6
	52+00 - 67+00	3316.41	98.43	65.33	30.00	36.3
	67+00 - 82+00	4697.14	277.62	50.25		72.6
	82+00 - 97+00	3647.75		37.96		
	97+00 - 112+00	4315.74	760.04		66.00	437.7
	112+00 - 127+00	1442.38				
	127+00 - 142+00	1836.17	63.26			36.3
	142+00 - 157+00	4463.25	221.98	149.09		72.6
	157+00 - 172+00	2953.22	114.82			36.3
172+00 - 174+82.92	695.14					
STAGE 4	IL. ROUTE 43					
	315+61.61 - 326+00	2375.51	92.89	33.59	22.00	61.2
	330+00 - 337+52.22	3107.64	80.51	84.31		
	TOTAL	54,921	8,684	435	302	2,198

POROUS GRANULAR EMBANKMENT, SUBGRADE			
STREET	LOCATION (STA. TO STA.)	THICKNESS	QUANTITY (CU YD)
IL RTE 22	FROM STA. 62+00 TO STA. 65+50 (FULL WIDTH OF THE ROADWAY AGGREGATE SUBGRADE)	6"	502
IL RTE 22	FROM STA. 80+00 RT TO STA. 87+00 RT (10 FOOT WIDE DITCH AREA)	12"	260 *
IL RTE 43	FROM STA. 328+00 TO STA. 330+00 (FULL WIDTH OF THE ROADWAY AGGREGATE SUBGRADE)	12"	1,105
TOTAL:			1,867

* THE PGE SHOULD ONLY BE USED IF THE DITCH CAN NOT BE ADEQUATELY CLEANED AND DRIED PRIOR TO PLACEMENT OF EMBANKMENT.

PROPOSED ROADWAY PAVEMENT							
LOCATION STATION-STATION	POLYMERIZED HOT MIX ASPHALT SURFACE 1 3/4" MIX F N90 (TON)	POLYMERIZED LEVELING BINDER (MACHINE) IL-4.75, N50 3/4" (TON)	BIT. MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	PORTLAND CEMENT CONCRETE PAVEMENT, 6" (SQ. YD)	AGGREGATE SUBGRADE, 12" (SQ. YD)	PORTLAND CEMENT CONCRETE PAVT. JOINTED, 10" (SQ. YD)
IL. ROUTE 22							
45+50.89 - 52+00						5954.46	5315.87
52+00 - 67+00						13091.31	5450.79
67+00 - 82+00						13723.49	10088.26
82+00 - 97+00						14589.29	10511.13
97+00 - 112+00						20393.45	18749.67
112+00 - 127+00						2539.18	2368.42
127+00 - 142+00	179.81	77.06					
142+00 - 157+00	1038.36	445.01					
157+00 - 172+00	911.40	390.60					
172+00 - 174+82.92	117.04	50.16					
LAKWOOD DR.			0.083	0.42			
DRIVEWAY 62+97.30			0.001	0.05			
BROADLEYS CT.			0.089	0.45			
WILDWOOD DR.			0.083	0.42			
DUNSINANE LN.			0.097	0.48			
IL. ROUTE 43							
315+61.61 - 326+00	230.94	65.79				3603.24	1536.61
330+00 - 337+52.22	81.05	32.62				4804.79	3342.84
TOTAL	2558.60	1061.24	0.360	1.82		78699.21	57363.60

STORM SEWER REMOVAL								
LOCATION STATION-STATION	6" (FT)	8" (FT)	10" (FT)	12" (FT)	15" (FT)	18" (FT)	24" (FT)	60"x38" (FT)
IL. ROUTE 22								
45+50.89 - 52+00			77.5	541.3			73.3	
52+00 - 67+00			4.0	258.0		53.4	262.7	
67+00 - 82+00	26.5		122.3	575.7	713.8		541.9	
82+00 - 97+00				95.2				
97+00 - 112+00		33.2	104.3	188.5			228.4	454.7
112+00 - 127+00								
127+00 - 142+00				151.3	73.1			
142+00 - 157+00				686.3				
157+00 - 172+00				583.8		72.6		
172+00 - 174+82.92				62.1				
IL. ROUTE 43								
315+61.61 - 326+00				10.1			59.0	
330+00 - 337+52.22					50.3		21.4	
TOTAL	26.5	33.2	308.1	73.1	837.2	126.0	1186.7	454.7

CURB & GUTTER REMOVAL	
LOCATION STA. - STA.	QUANTITY (FOOT)
IL. ROUTE 43	
315+61.61 - 326+00	1182.90
330+00 - 337+52.22	1293.71
IL. ROUTE 22	
45+50.89 - 52+00	1405.90
52+00 - 67+00	3126.98
67+00 - 82+00	2771.06
82+00 - 97+00	2908.81
97+00 - 112+00	3692.55
112+00 - 127+00	567.28
127+00 - 142+00	581.26
142+00 - 157+00	3228.58
157+00 - 172+00	3052.53
172+00 - 174+82.92	451.79
TOTAL	24263.35

TEMPORARY PAVEMENT	
STAGE	QUANTITY (SQ. YD)
IL. ROUTE 43	
STAGE 1	1419.47
STAGE 2	- -
STAGE 3	- -
STAGE 4	- -
IL. ROUTE 22	
STAGE 1	13255.6
STAGE 2	1736.32
STAGE 3	- -
STAGE 4	- -
TOTAL	16411.43

PAVEMENT REPLACEMENT	
STAGE	QUANTITY (SQ. YD)
IL. ROUTE 43	
STAGE 1	- -
STAGE 2	204.74
STAGE 3	- -
STAGE 4	- -
IL. ROUTE 22	
STAGE 1	- -
STAGE 2	1348.04
STAGE 3	109.19
STAGE 4	- -
TOTAL	1661.98

HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
LOCATION STA. - STA.	OFFSET	QUANTITY (SQ. YD)
IL. ROUTE 22		
RIDGE ROAD-NORTH	LT	63.04
TENNYSON LANE	RT	75.49
BENTLEY ROAD	LT	78.70
RIDGE ROAD-SOUTH	RT	71.64
MAVOR LANE	LT	83.48
ARCH. POINT LANE	LT	97.76
173+76.40-174+26.40	LT	130.86
173+74.98-174+24.98	RT	133.34
IL. ROUTE 43		
334+05.91-334+55.71	LT	147.39
337+02.23-337+52.22	RT	141.61
315+61.61-316+11.62	RT	144.27
TOTAL		1167.58

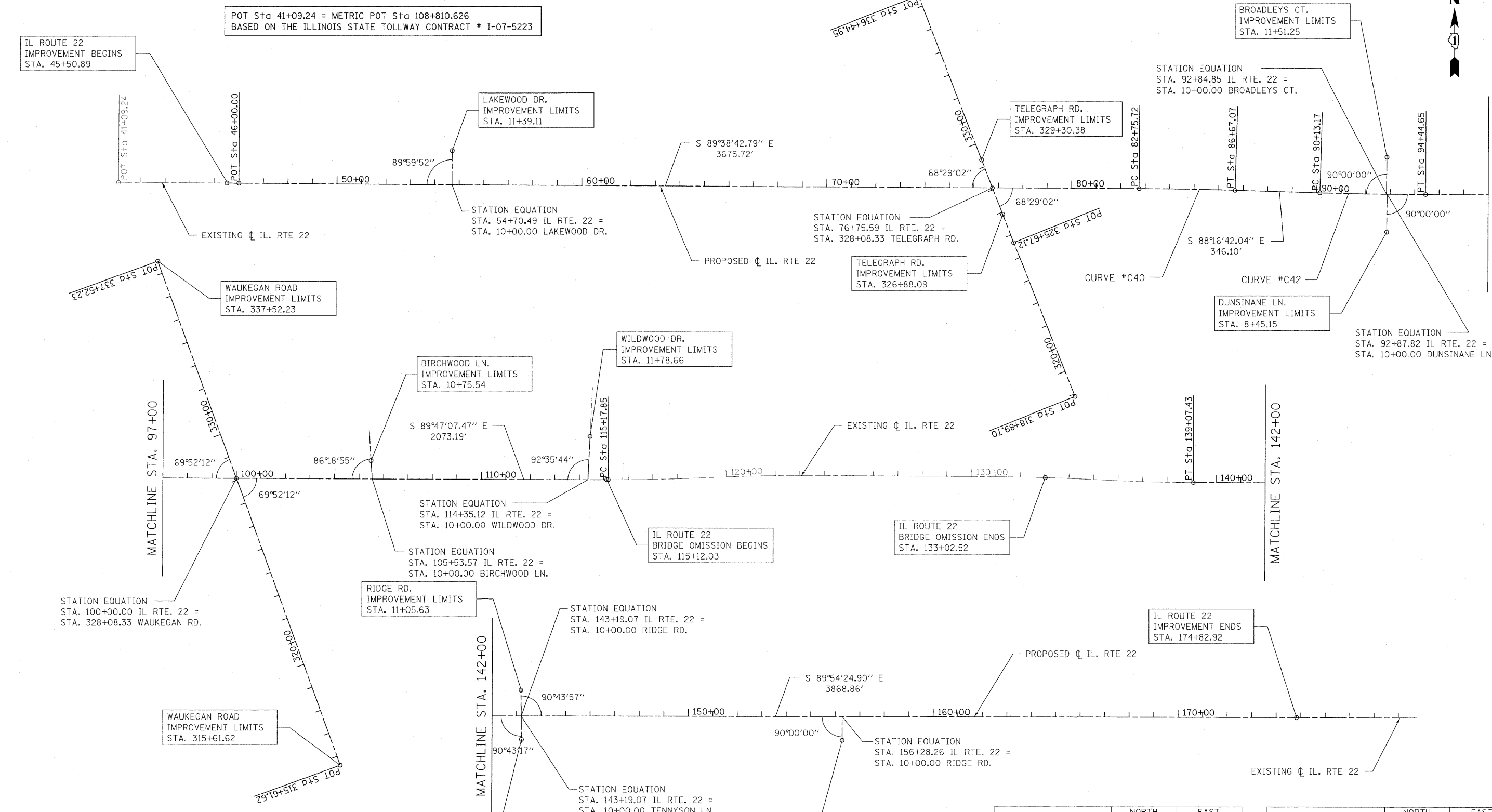
ISLAND REMOVAL			
NO.	LOCATION STA. - STA.	OFFSET	QUANTITY (SQ. FT)
IL. ROUTE 22			
1	99+29.00 - 99+61.42	LT	487.00
2	100+55.34 - 100+84.93	RT	485.53
TOTAL			972.53

SIDEWALK REMOVAL			
NO.	LOCATION STA. - STA.	OFFSET	QUANTITY (SQ. FT)
IL. ROUTE 22			
1	142+80.64 - 142+97.78	LT	111.15
2	142+44.16 - 142+92.00	RT	281.96
3	143+44.48 - 144+56.71	RT	572.32
4	149+72.02 - 151+86.44	LT	1085.36
5	DRIVEWAY 150+97.08	RT	74.69
6	152+14.05 - 159+43.39	LT	3716.48
7	155+59.37 - 156+00	RT	189.27
8	155+87.81 - 156+05.49	RT	201.41
9	156+49.29 - 157+68.62	RT	653.76
10	159+64.56 - 164+99.06	LT	2632.77
11	165+44.59 - 171+72.79	LT	3227.07
12	DRIVEWAY 169+73.15	RT	268.53
TOTAL			13014.77

PAVEMENT REMOVAL	
LOCATION STA. - STA.	QUANTITY (SQ. YD)
IL. ROUTE 43	
324+35 - 326+00	515.40
324+35 - 326+00	586.01
330+00 - 334+55	1402.01
330+00 - 334+55	1215.68
IL. ROUTE 22	
45+50 - 52+00	4121.80
52+00 - 67+00	5936.56
67+00 - 82+00	5864.08
82+00 - 97+00	8295.44
97+00 - 112+00	13921.1
112+00 - 115+12	2362.83
TOTAL	44220.9

NOTE: BASIS OF MEASUREMENT AND PAYMENT PER STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND RECURRING SPECIAL PROVISIONS UNLESS MARKED IN THE MARGIN WITH "SPL" WHICH IDENTIFIES THOSE ITEMS WHICH ARE RULED BY SECTIONS OF THE CONTRACT SPECIAL PROVISIONS.

EARTHWORK QUANTITIES																				
LOCATION	EARTH EX. (CU YD)				ADJ. EARTH EX. (15%)				EMBANKMENT (CU YD)				BALANCE WASTE (+) OR SHORTAGE (-)				UNSUITABLE (CU YD)			
	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 1	STAGE 2	STAGE 3	STAGE 4
IL ROUTE 22	1,417	12,245	12,686	4,145	1,204	10,408	10,783	3,523	3,976	8,554	10,584	609	-2,772	1,854	199	2,914	4,327	8,644	6,329	0
WAUKEGAN RD	185	1,817	877	526	158	1,544	745	447	0	1,615	456	109	158	-71	289	338	0	1,730	758	1
TOTAL	1,602	14,062	13,563	4,671	1,362	11,952	11,528	3,970	3,976	10,169	11,040	718	-2,614	1,783	488	3,252	4,327	10,374	7,087	1



POT Sta 41+09.24 = METRIC POT Sta 108+810.626
BASED ON THE ILLINOIS STATE TOLLWAY CONTRACT # I-07-5223

IL ROUTE 22
IMPROVEMENT BEGINS
STA. 45+50.89

LAKEWOOD DR.
IMPROVEMENT LIMITS
STA. 11+39.11

BROADLEYS CT.
IMPROVEMENT LIMITS
STA. 11+51.25

STATION EQUATION
STA. 92+84.85 IL RTE. 22 =
STA. 10+00.00 BROADLEYS CT.

STATION EQUATION
STA. 54+70.49 IL RTE. 22 =
STA. 10+00.00 LAKEWOOD DR.

STATION EQUATION
STA. 76+75.59 IL RTE. 22 =
STA. 328+08.33 TELEGRAPH RD.

TELEGRAPH RD.
IMPROVEMENT LIMITS
STA. 329+30.38

WAUKEGAN ROAD
IMPROVEMENT LIMITS
STA. 337+52.23

TELEGRAPH RD.
IMPROVEMENT LIMITS
STA. 326+88.09

DUNSINANE LN.
IMPROVEMENT LIMITS
STA. 8+45.15

STATION EQUATION
STA. 92+87.82 IL RTE. 22 =
STA. 10+00.00 DUNSINANE LN.

BIRCHWOOD LN.
IMPROVEMENT LIMITS
STA. 10+75.54

WILDWOOD DR.
IMPROVEMENT LIMITS
STA. 11+78.66

MATCHLINE STA. 97+00

STATION EQUATION
STA. 114+35.12 IL RTE. 22 =
STA. 10+00.00 WILDWOOD DR.

IL ROUTE 22
BRIDGE OMISSION BEGINS
STA. 115+12.03

IL ROUTE 22
BRIDGE OMISSION ENDS
STA. 133+02.52

MATCHLINE STA. 142+00

RIDGE RD.
IMPROVEMENT LIMITS
STA. 11+05.63

STATION EQUATION
STA. 143+19.07 IL RTE. 22 =
STA. 10+00.00 RIDGE RD.

IL ROUTE 22
IMPROVEMENT ENDS
STA. 174+82.92

STATION EQUATION
STA. 100+00.00 IL RTE. 22 =
STA. 328+08.33 WAUKEGAN RD.

WAUKEGAN ROAD
IMPROVEMENT LIMITS
STA. 315+61.62

MATCHLINE STA. 142+00

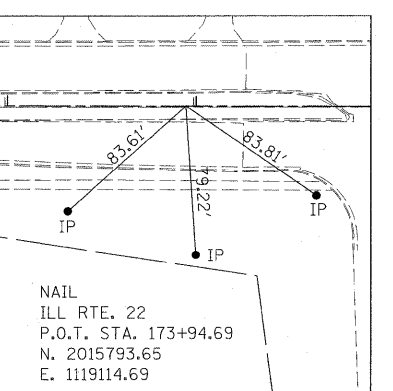
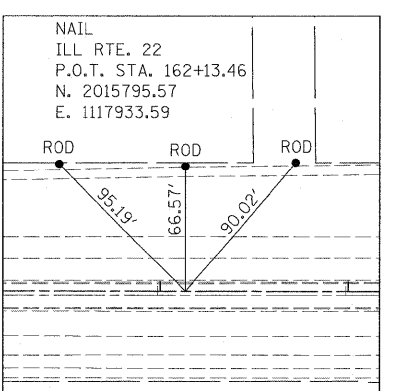
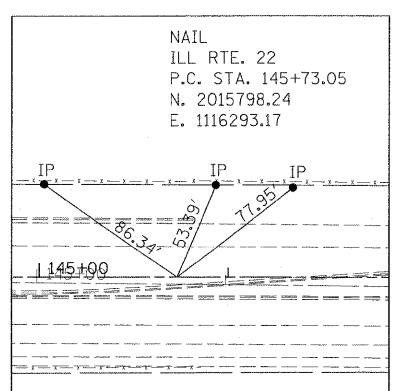
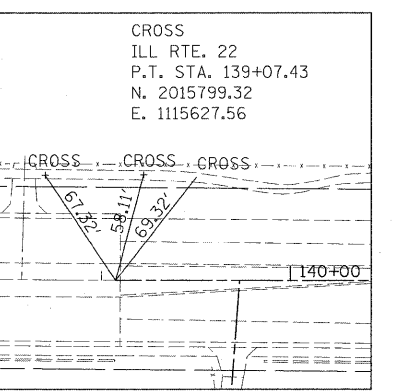
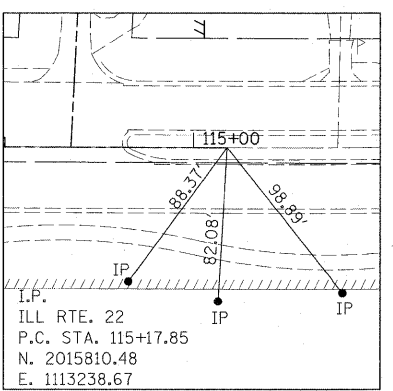
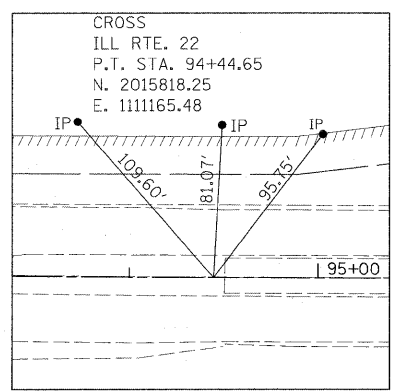
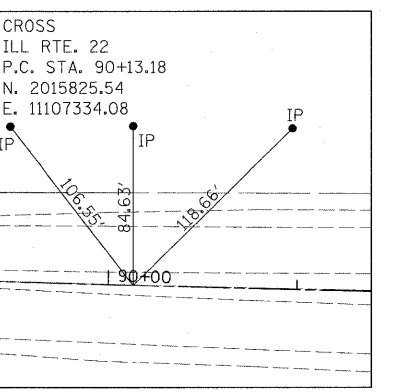
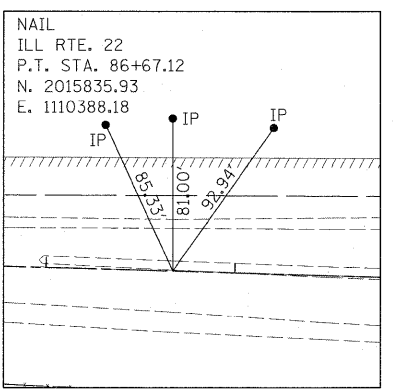
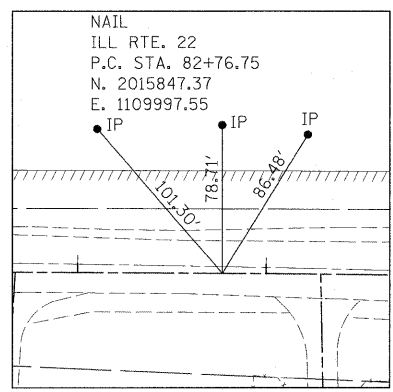
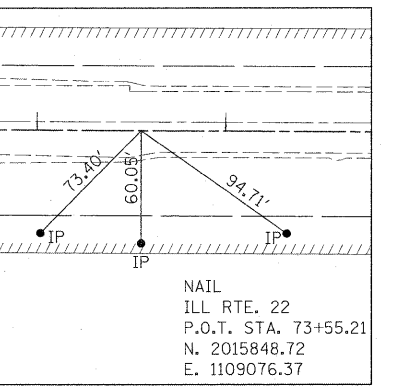
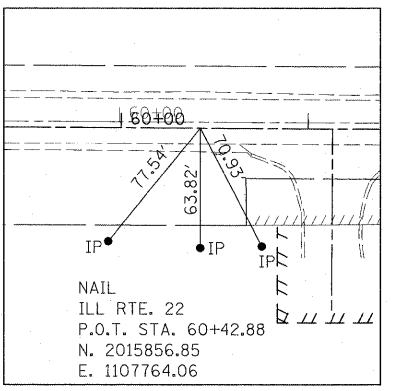
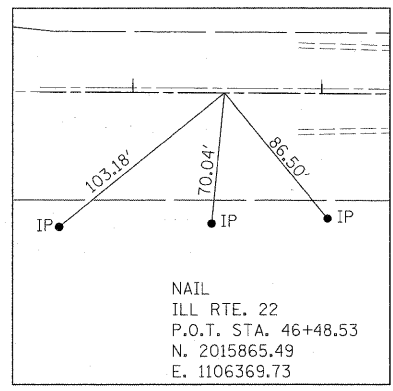
STATION EQUATION
STA. 143+19.07 IL RTE. 22 =
STA. 10+00.00 TENNYSON LN.

RIDGE RD.
IMPROVEMENT LIMITS
STA. 9+08.54

TENNYSON LN.
IMPROVEMENT LIMITS
STA. 9+04.32

PROP. CURVE C40	NORTH COORDINATE	EAST COORDINATE
PI STA. = 84+71.41	2015841.81	1110192.54
Δ = 1° 22' 01" (RT)		
D = 0° 20' 57"		
R = 16,404.17'		
T = 195.68'		
L = 391.35'		
E = 1.17'		
P.C. STA. = 82+75.72	2015843.03	1109996.86
P.T. STA. = 86+67.07	2015835.94	1110388.13

PROP. CURVE C42	NORTH COORDINATE	EAST COORDINATE
PI STA. = 92+28.92	2015819.05	1110949.73
Δ = 1° 30' 25" (LT)		
D = 0° 20' 57"		
R = 16,404.17'		
T = 215.75'		
L = 431.48'		
E = 1.42'		
P.C. STA. = 90+13.17	2015825.54	1110734.08
P.T. STA. = 94+44.65	2015818.25	1111165.48



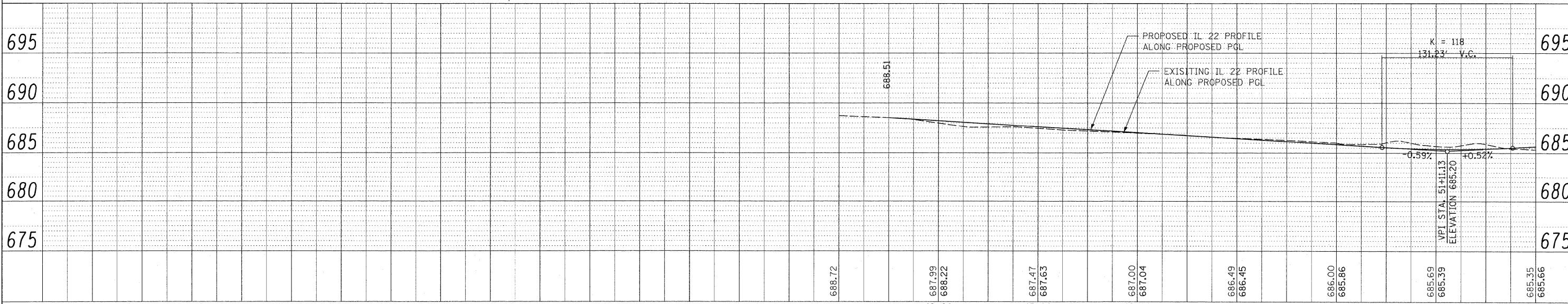
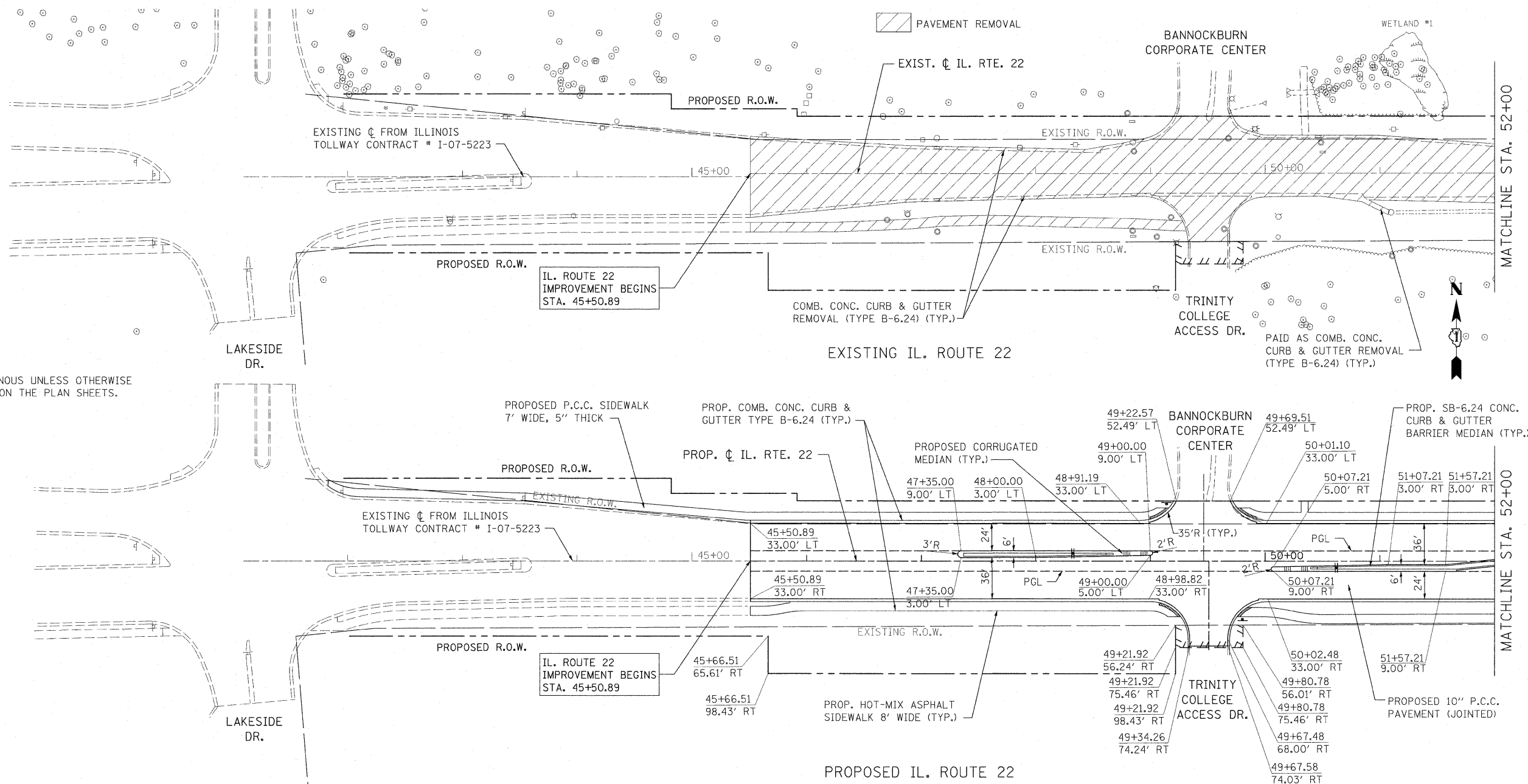
- BENCHMARK 100 FOUND SQUARE CUT IN SOUTHWEST CORNER LIGHTING CONTROL BOX IN NORTHEAST CORNER ILLINOIS ROUTE 22 AND I-95 ON NORTH BOUND RAMP
ELEVATION: 693.33
- BENCHMARK 101 FOUND SQUARE CUT IN CONCRETE BASE OF TRAFFIC SIGNAL WITH ARM IN SOUTHEAST CORNER ILLINOIS ROUTE 22 AND LAKE SIDE DRIVE
ELEVATION: 689.76
- BENCHMARK 102 FOUND SQUARE CUT IN NORTHWEST CORNER TRAFFIC CONTROL PANEL IN SOUTHWEST CORNER OF ILLINOIS ROUTE 22 AND TRINITY SCHOOL EXIT
ELEVATION: 683.97
- BENCHMARK 103 FOUND CROSS CUT IN NORTHEAST BOLT ON FIRE HYDRANT 30 FEET SOUTH OF ILLINOIS ROUTE 22 AND 0.4 MILES EAST OF I-94 TOLLWAY
ELEVATION: 686.51
- BENCHMARK 104 RAILROAD SPIKE IN POWER POLE AT NORTHEAST CORNER OF ILLINOIS ROUTE 22 AND NURSERY ENTRANCE
ELEVATION: 693.24
- BENCHMARK 105 FOUND CROSS IN NORTH FLANGE BOLT ON FIRE HYDRANT 33 FEET SOUTH OF ILLINOIS ROUTE 22 AND 800 FEET + WEST OF TELEGRAPH ROAD
ELEVATION: 691.89
- BENCHMARK 106 FOUND DISK IN CONCRETE SET BY WATER RESOURCES 21 FEET NORTH OF ILLINOIS ROUTE 22 295 FEET + WEST OF TELEGRAPH ROAD
ELEVATION: 687.79
- BENCHMARK 107 TOP SPINDLE OF FIRE HYDRANT AT NORTHWEST CORNER OF ILLINOIS ROUTE 22 AND TELEGRAPH ROAD
ELEVATION: 686.57
- BENCHMARK 108 FOUND SQUARE CUT IN BITUMINOUS 2 FEET WEST OF CONCRETE MEDIAN NEAR CENTERLINE OF ILLINOIS ROUTE 22 AND 0.4 MILES WEST ILLINOIS 43
ELEVATION: 675.42
- BENCHMARK 109 FOUND CROSS CUT IN SOUTHEAST BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF ILLINOIS ROUTE 22 AND BROADLEYS COURT
ELEVATION: 671.99
- BENCHMARK 110 FOUND SQUARE CUT IN CONCRETE BASE OF TRAFFIC SIGNAL WITH ARM AT SOUTHWEST CORNER OF ILLINOIS ROUTE 22 AND ILLINOIS 43
ELEVATION: 673.23
- BENCHMARK 112 FOUND SQUARE CUT IN SOUTHWEST CORNER CONCRETE DRAINAGE BOX AT NORTHWEST CORNER ILLINOIS ROUTE 22 AND KELLY ST
ELEVATION: 660.23
- BENCHMARK 113 FOUND SQUARE CUT IN NORTHWEST CORNER OF TRAFFIC CONTROL BOX AT SOUTHEAST CORNER ILLINOIS ROUTE 22 AND RIDGE ROAD
ELEVATION: 674.91
- BENCHMARK 114 FOUND SQUARE CUT IN CONCRETE BASE OF TRAFFIC SIGNAL AT SOUTHWEST CORNER OF ILLINOIS ROUTE 22 AND RIDGE ROAD
ELEVATION: 673.48

- BENCHMARK 115 FOUND CROSS IN NORTHEAST BOLT ON FIRE HYDRANT AT SOUTHEAST CORNER ILLINOIS ROUTE 22 AND CHURCH ENTRANCE
ELEVATION: 654.27
- BENCHMARK 116 FOUND CROSS CUT IN SOUTH BOLT ON FIRE HYDRANT AT NORTHWEST CORNER ILLINOIS ROUTE 22 AND US-41
ELEVATION: 648.33
- BENCHMARK 117 FOUND CROSS CUT IN SOUTH FLANGE BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF TRACE WAY AND ILLINOIS ROUTE 22 + 1000 FEET EAST OF US-41
ELEVATION: 645.33
- BENCHMARK 118 SET SQUARE CUT ON TOP OF CONCRETE CURB SOUTH SIDE OF ROUTE 43 500 + FEET NORTH OF ILLINOIS ROUTE 22 AT NURSERY ENTRANCE
ELEVATION: 668.91
- BENCHMARK 119 SET SQUARE CUT IN END OF LONG ISLAND EAST SIDE OF ROUTE 43 SOUTH 500+ FEET OF ILLINOIS ROUTE 22 AT EXIT OF BANNOCKBURN GREEN
ELEVATION: 668.47
- BENCHMARK 120 SET CROSS CUT ON NORTH BOLT OF FIRE HYDRANT EAST SIDE OF ROUTE 43 SOUTH 800 FEET OF ILLINOIS ROUTE 22
ELEVATION: 670.4937
- BENCHMARK 121 SET CROSS ON NORTH BOLT OF FIRE HYDRANT AT SOUTHWEST CORNER OF LYNN AND TRAILWAY
ELEVATION: 643.25
- BENCHMARK 122 SET SQUARE CUT ON NORTHEAST CORNER OF CONCRETE SIDEWALK AT END OF WALK BEHIND CHURCH SOUTH OF ILLINOIS ROUTE 22
ELEVATION: 652.16
- BENCHMARK 123 SET CROSS ON NORTH BOLT OF FIRE HYDRANT EAST SIDE OF RIDGE ROAD SOUTH OF ILLINOIS ROUTE 22 300 FEET +
ELEVATION: 671.70
- BENCHMARK 124 SET CROSS ON NORTH BOLT OF FIRE HYDRANT ON WEST SIDE OF TENNYSON LANE SOUTH OF ILLINOIS ROUTE 22 300 FEET +
ELEVATION: 670.64
- BENCHMARK 125 SET CROSS ON NORTH BOLT OF FIRE HYDRANT EAST SIDE OF KELLY ROAD NORTH OF ILLINOIS ROUTE 22 300 FEET +
ELEVATION: 664.22
- BENCHMARK 126 SET CROSS CUT ON NORTHEAST BOLT OF FIRE HYDRANT EAST SIDE OF BROADLEYS COURT IN FRONT OF RESIDENCE #13 NORTH SIDE OF ILLINOIS ROUTE 22 500 FEET +
ELEVATION: 672.09
- BENCHMARK 127 SET CROSS CUT ON TOP OF WEST BOLT ON FIRE HYDRANT SOUTHWEST CORNER OF THEO DRIVE AND TELEGRAPH ROAD SOUTH OF ILLINOIS ROUTE 22 300 FEET +
ELEVATION: 686.91
- BENCHMARK 128 SET SQUARE CUT ON TOP CURB AT END OF BRICK SIDEWALK AT FIRE-STATION #19 SOUTH OF ILLINOIS ROUTE 22 150 FEET +
ELEVATION: 694.27
- BENCHMARK 129 SET SQUARE CUT ON TOP OF CURB AT CURB INLET EAST SIDE OF LAKESIDE DRIVE SOUTH OF ILLINOIS ROUTE 22 200 FEET+
ELEVATION: 686.81

DATE	
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REVISIONS	
PLANNING	
DESIGN	
CONSTRUCTION	
NO.	

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PROFILING	
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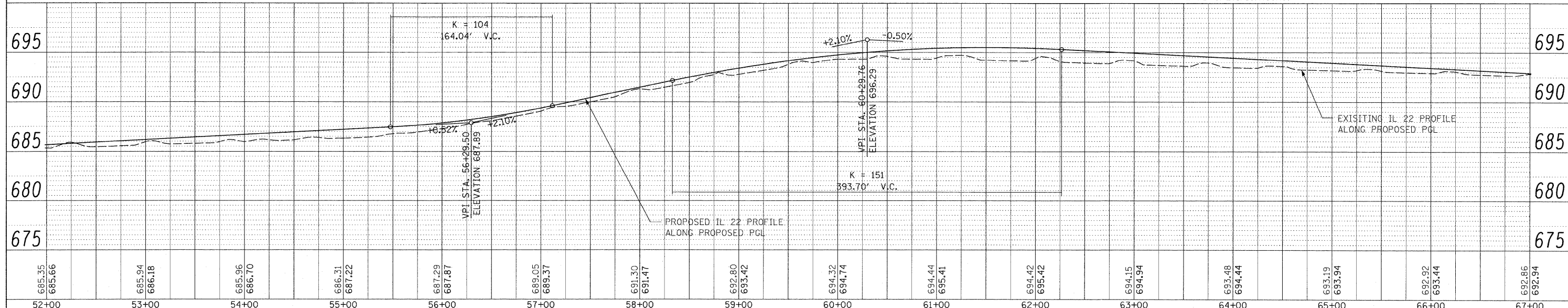
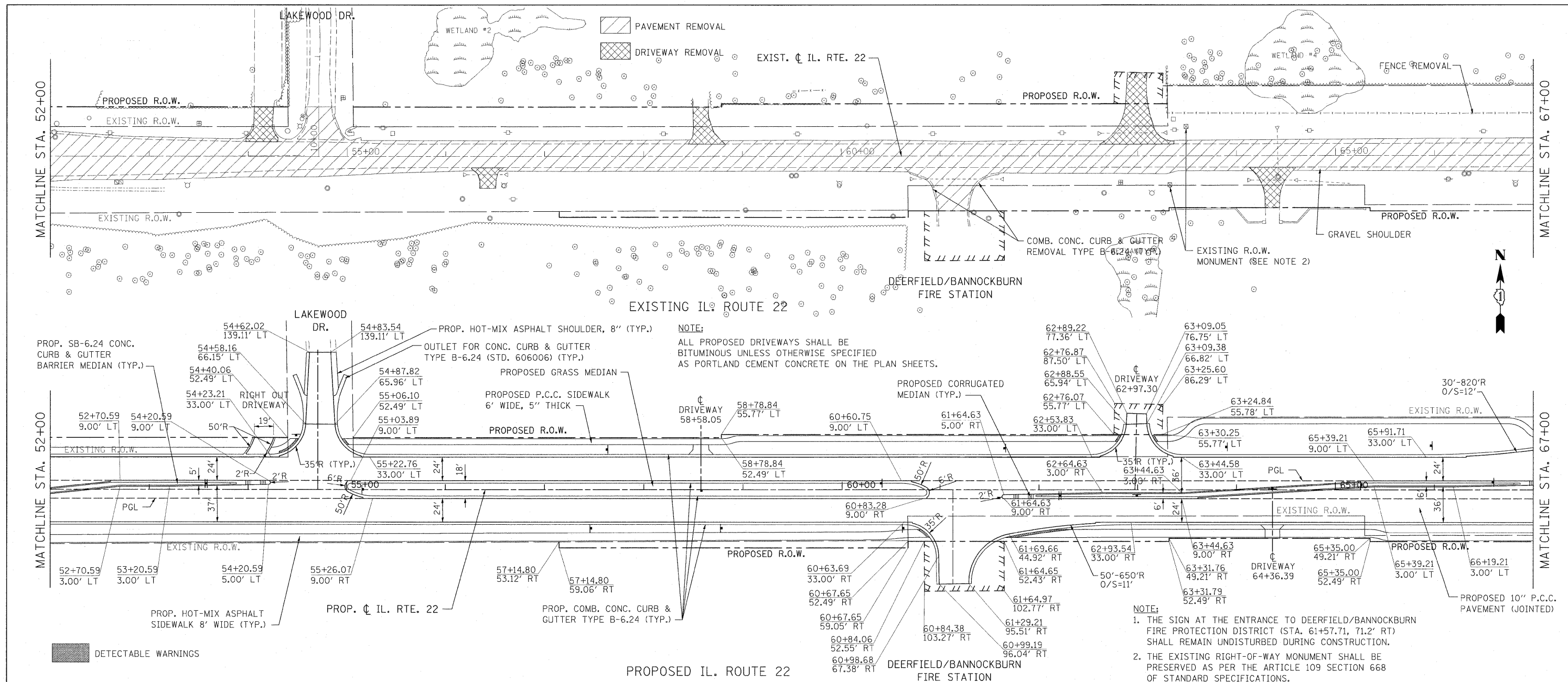
NOTE:
ALL PROPOSED DRIVEWAYS SHALL BE BITUMINOUS UNLESS OTHERWISE SPECIFIED AS PORTLAND CEMENT CONCRETE ON THE PLAN SHEETS.



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		CHECKED - JP	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE = 05/14/2010	REVISED -									

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
PLAN	
NOTE BOOK	
CADD FILE NAME	

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REVISIONS	
PLANNED	
ALIGNED	
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NO.	
PROF.	
NOTE BOOK	
CADD FILE NAME	



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52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00	63+00	64+00	65+00	66+00	67+00																	

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 DATE - 05/14/2010

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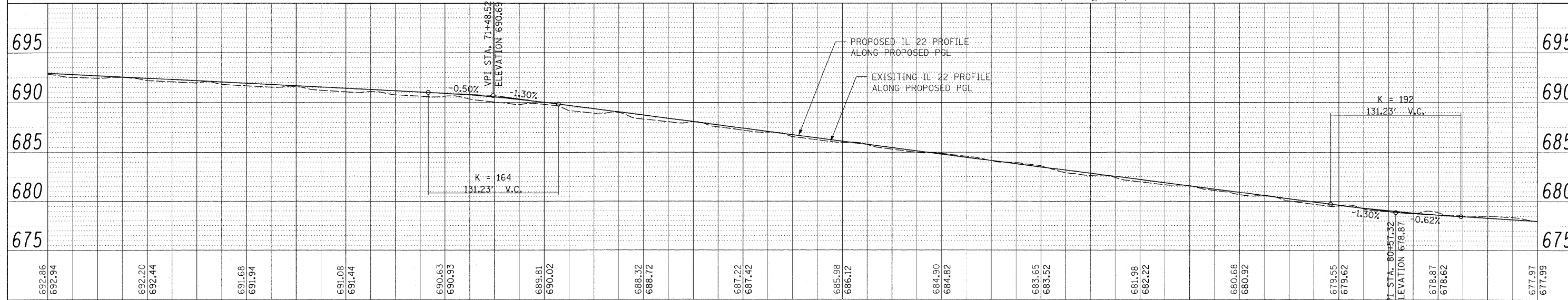
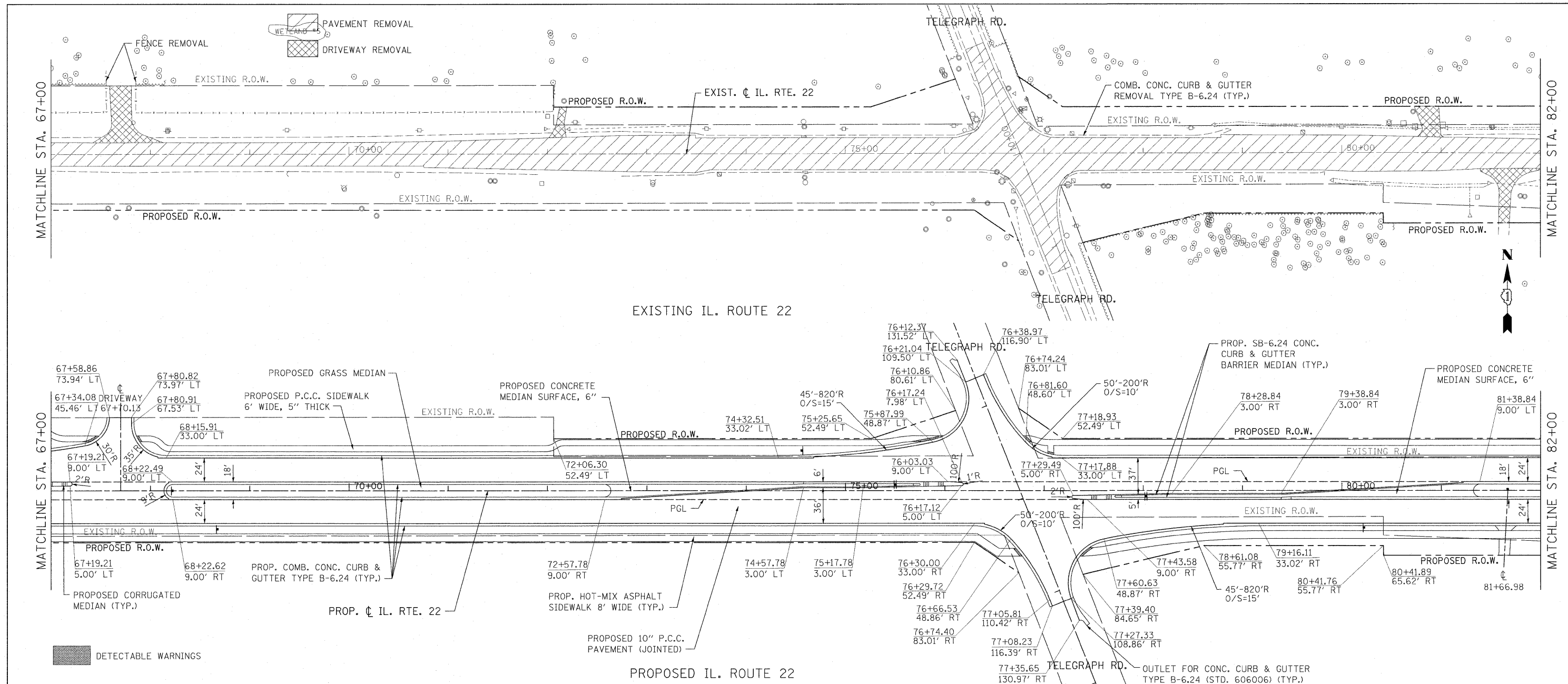
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. ROUTE 22
ROADWAY PLAN AND PROFILE
 SCALE: 1"=50'
 SHEET NO. 21 OF 232 SHEETS
 STA. 52+00.00 TO STA. 67+00.00

F.A.P. RTE. 337
 SECTION 20R-4
 COUNTY LAKE
 TOTAL SHEETS 232
 SHEET NO. 21
 CONTRACT NO. 60860
 ILLINOIS FED. AID PROJECT

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PLAN	
NOTE BOOK	
NO.	
CADD FILE NAME	

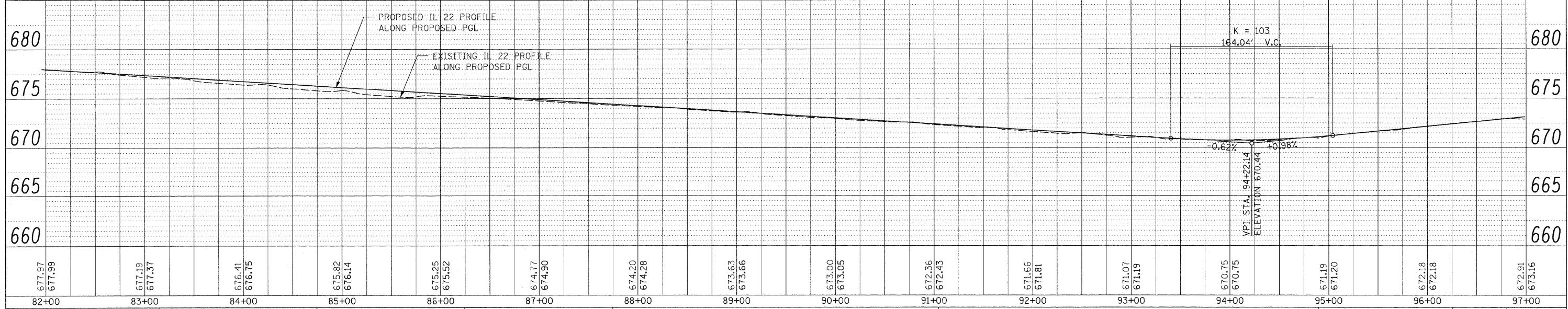
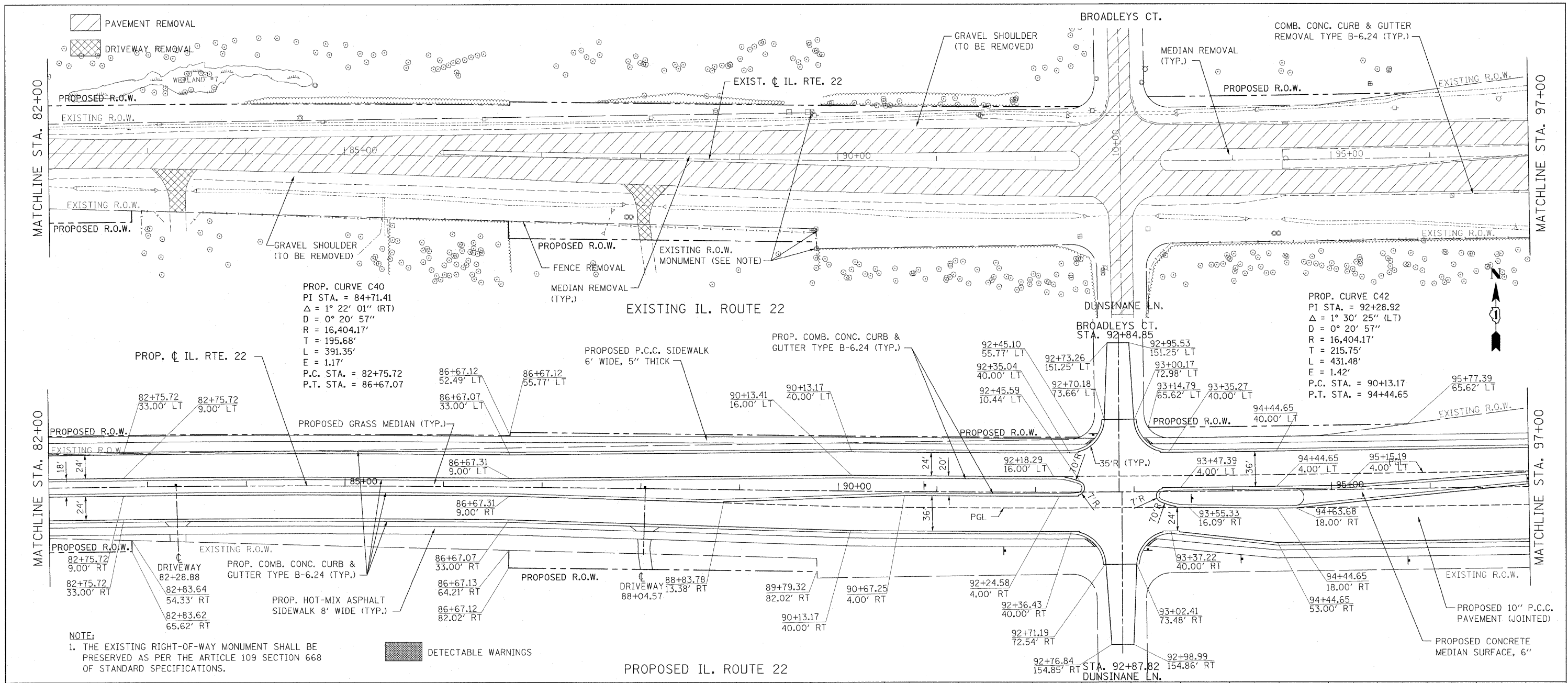
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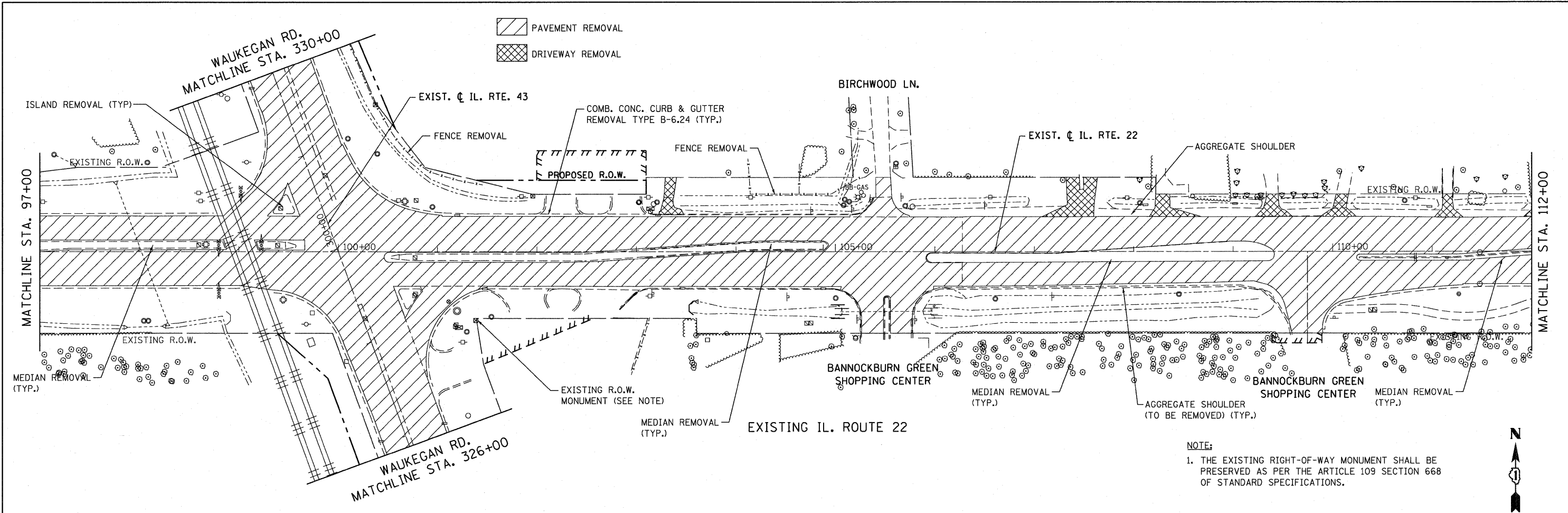
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PLOT SCALE = #SCALE#	CHECKED - JP	REVISIONS -	REVISIONS -		SCALE: 1"=50'			SHEET NO. 22 OF 232 SHEETS	STA. 67+00.00 TO STA. 82+00.00	CONTRACT NO. 60860		
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISIONS -	REVISIONS -					ILLINOIS FED. AID PROJECT				

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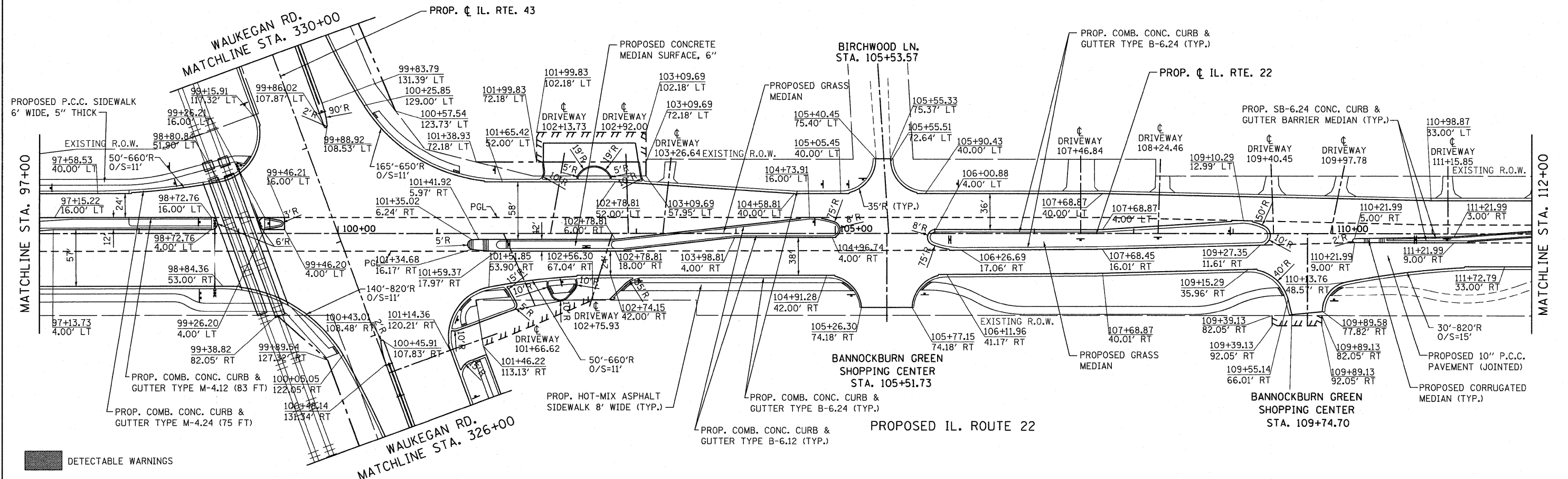
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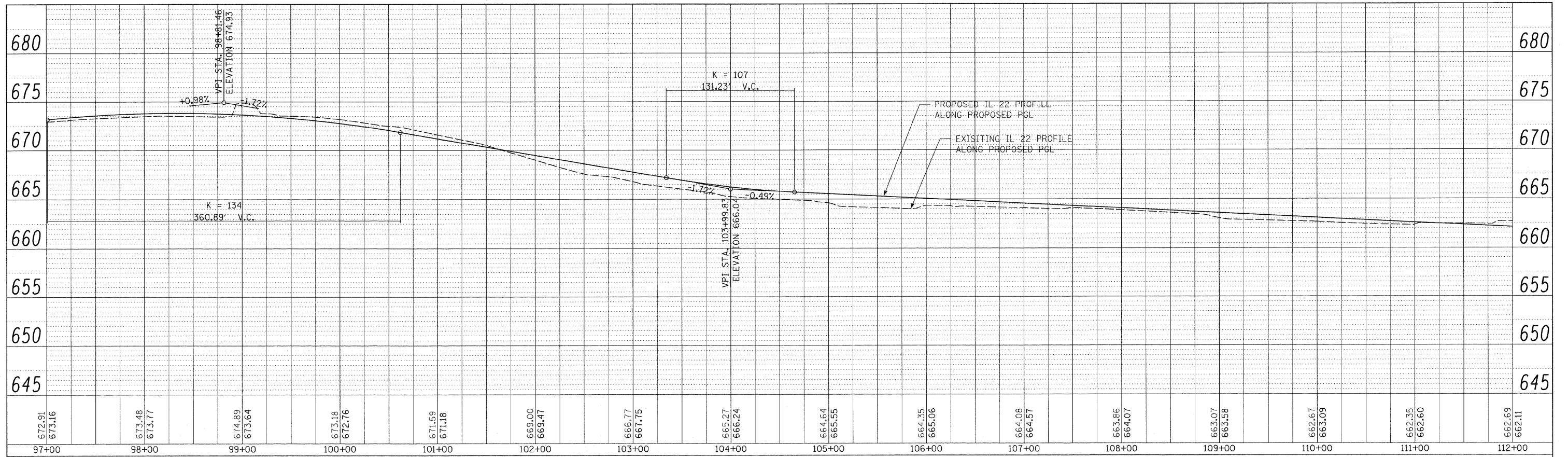


NOTE:
 1. THE EXISTING RIGHT-OF-WAY MONUMENT SHALL BE PRESERVED AS PER THE ARTICLE 109 SECTION 668 OF STANDARD SPECIFICATIONS.

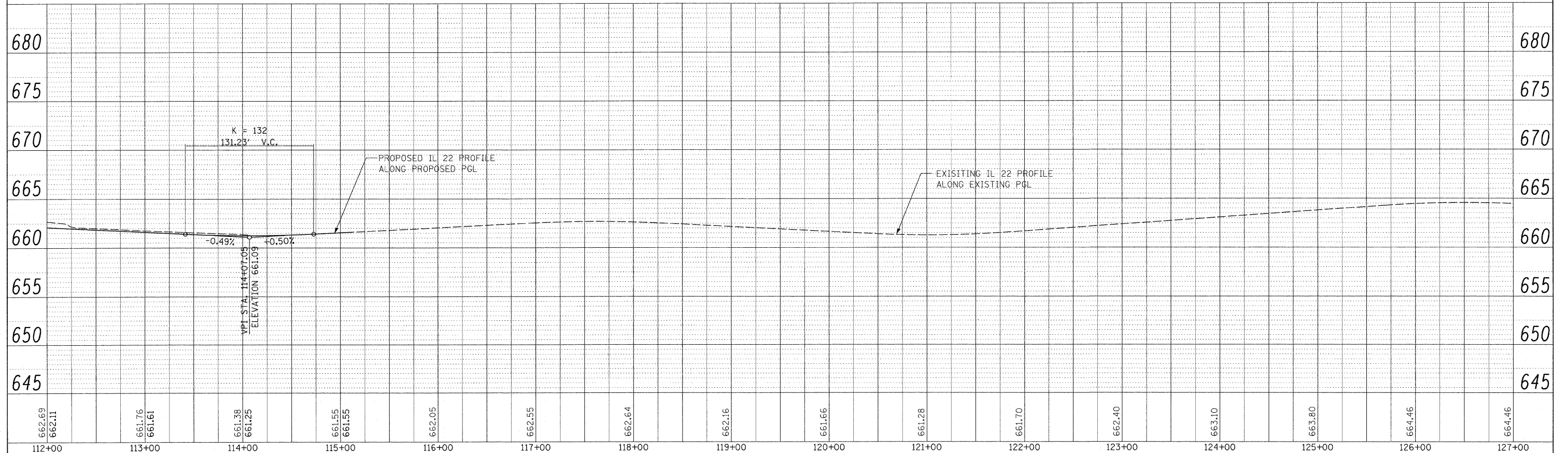


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PLOT SCALE = 50.000' / IN.	CHECKED - JP	DATE - 05/14/2010	REVISED -		SCALE: 1"=50'	SHEET NO. 24 OF 232 SHEETS	STA. 97+00.00 TO STA. 112+00.00	CONTRACT NO. 60860				
PLOT DATE = 7/28/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

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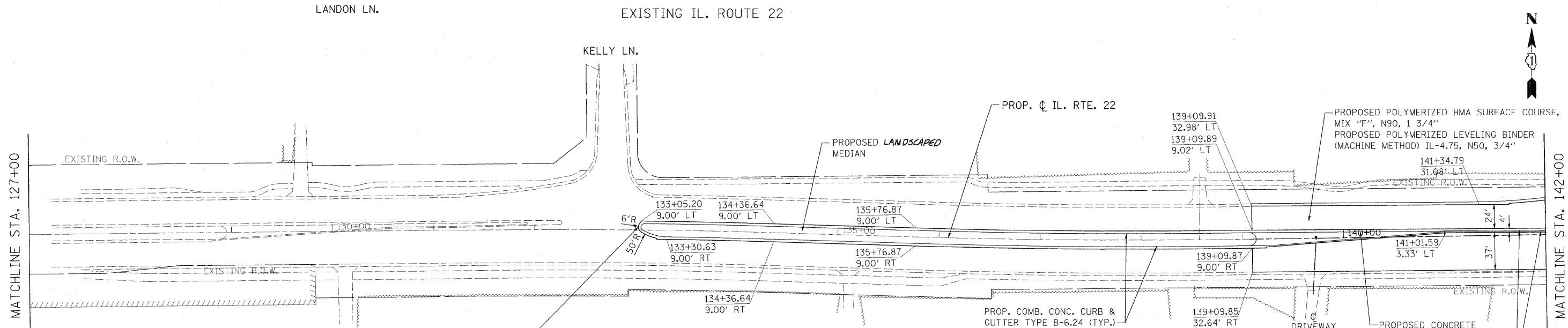
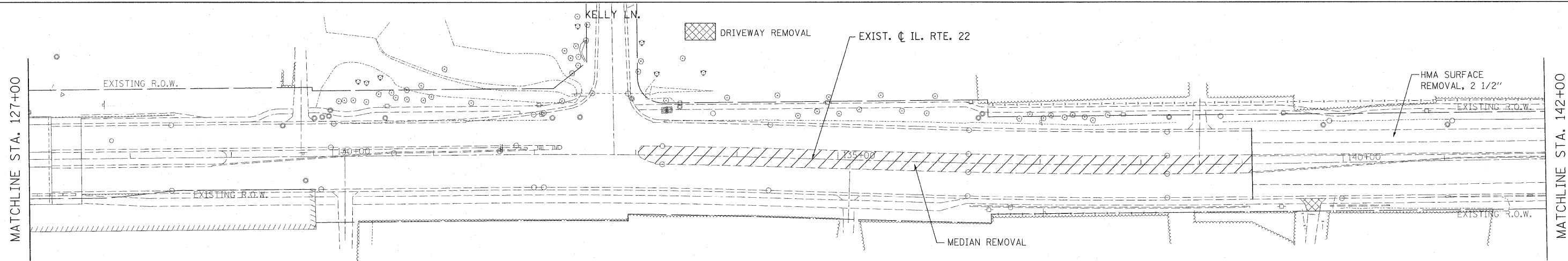
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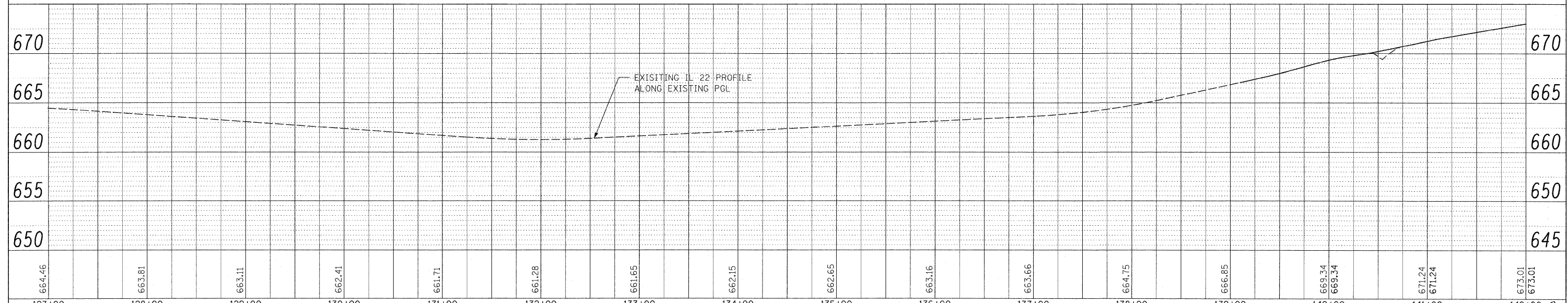
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ROADWAY IMPROVEMENT BEGINS
STA. 139+09.85
PROJECT OMISSION ENDS
STA. 133+02.52

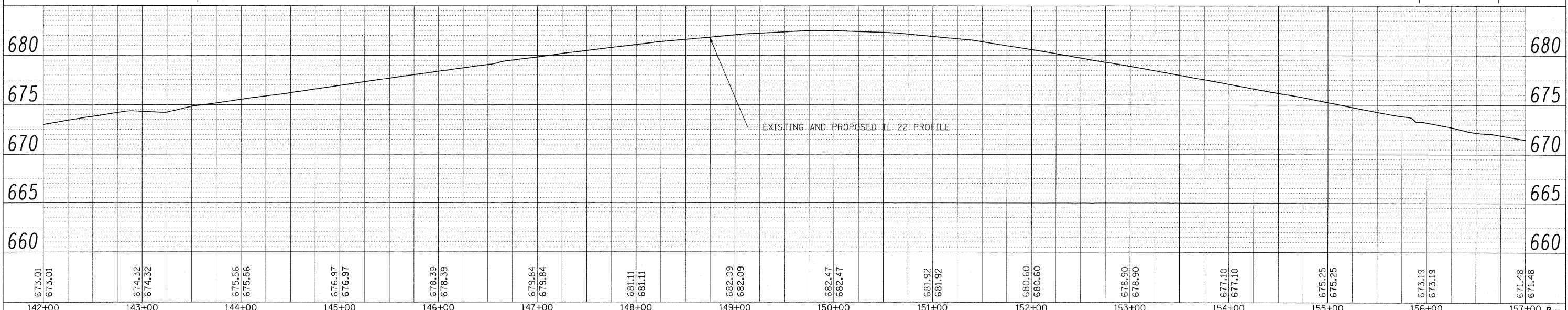
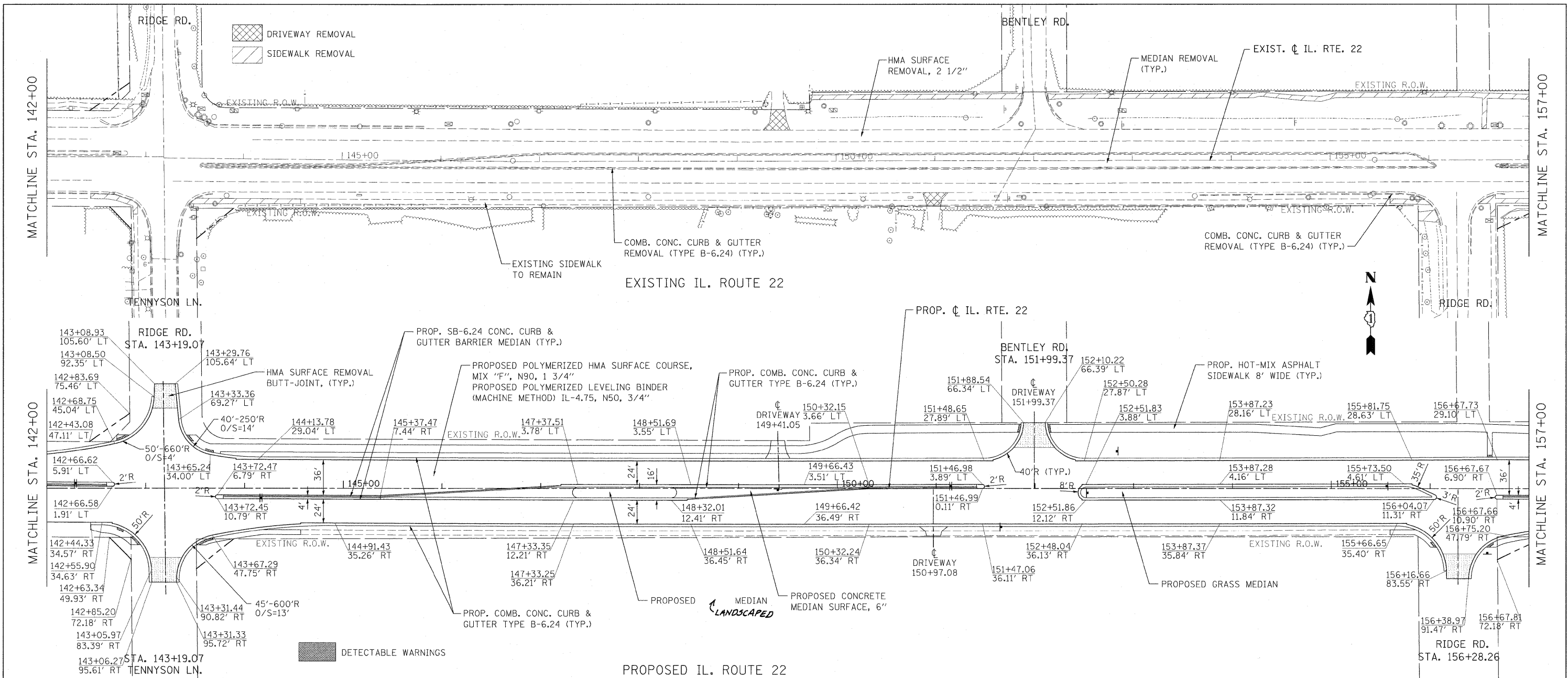
DETECTABLE WARNINGS



664.46	663.81	663.11	662.41	661.71	661.28	661.65	662.15	662.65	663.16	663.66	664.75	666.85	669.34	669.34	671.24	671.24	673.01	673.01							
127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	Rev.									
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142+00	143+00	144+00	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00																

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 22
ROADWAY PLAN AND PROFILE**

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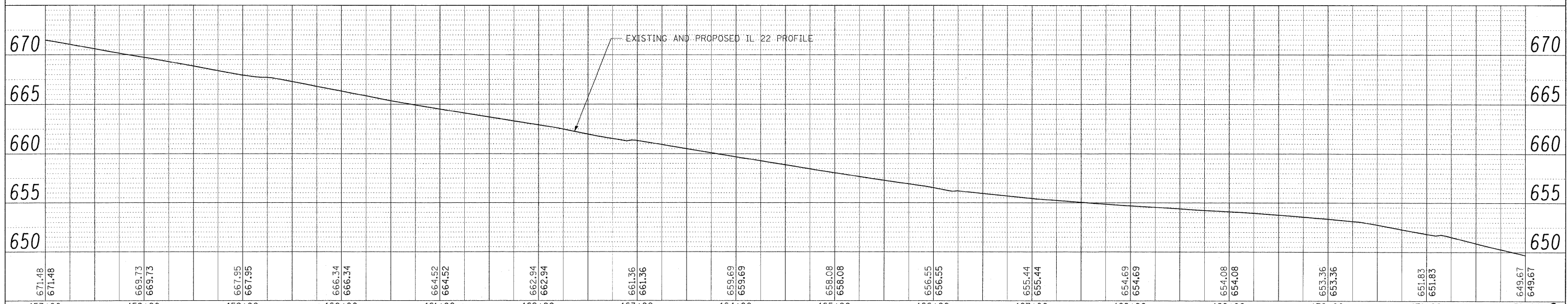
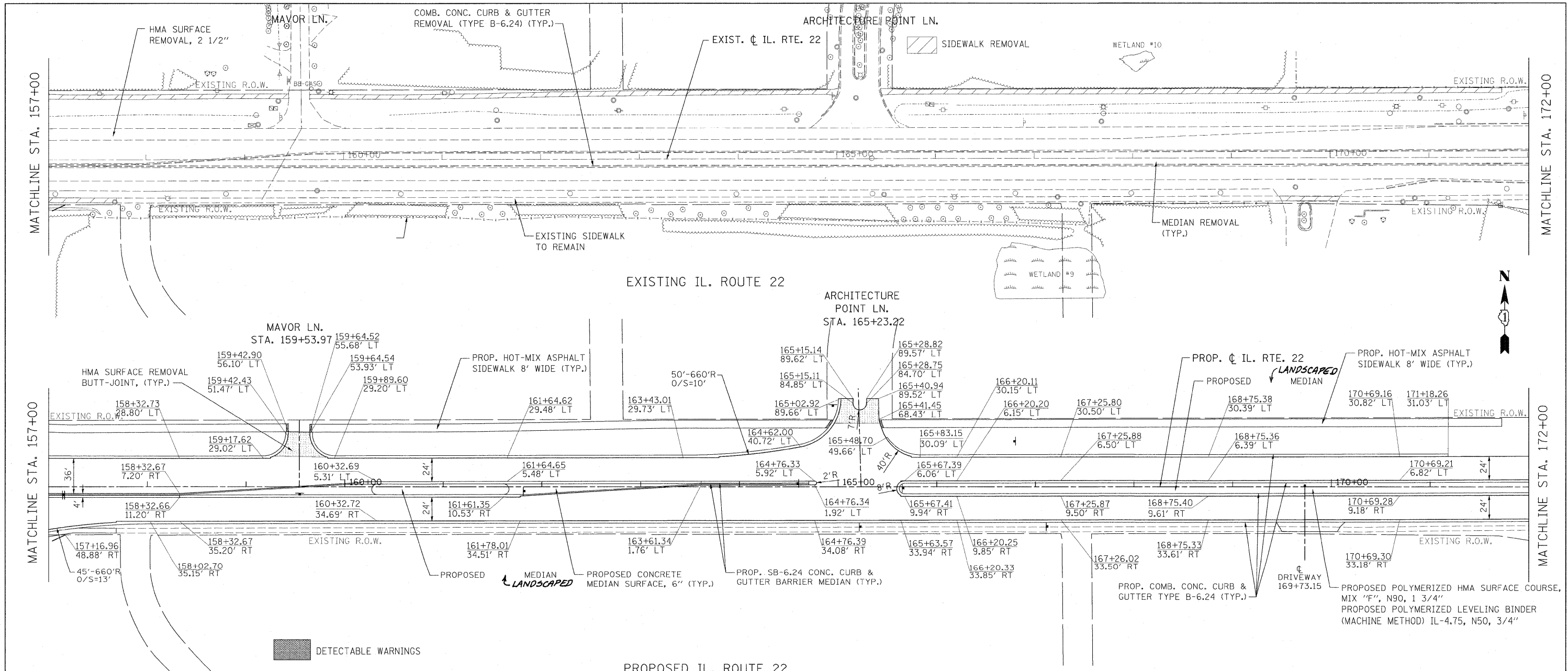
SCALE: 1"=50'
SHEET NO. 28 OF 232 SHEETS
STA. 142+00.00 TO STA. 157+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	28
CONTRACT NO. 60860				

ILLINOIS FED. AID PROJECT

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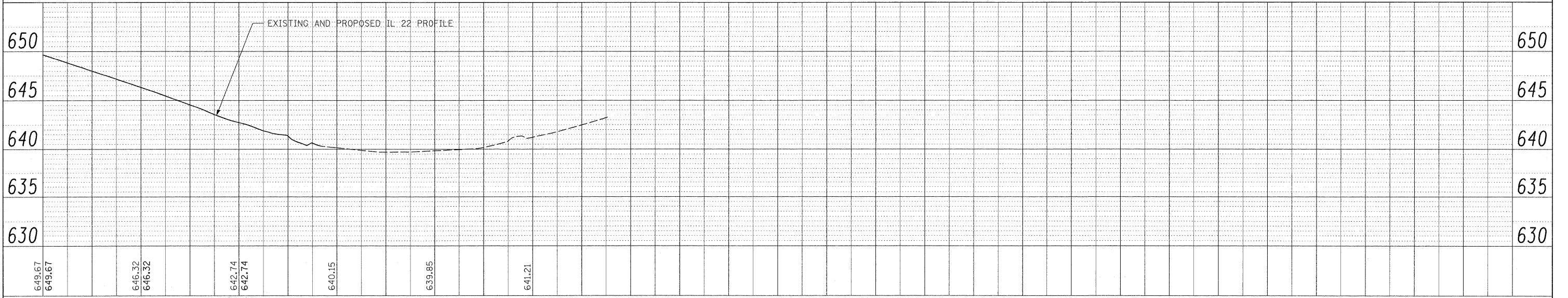
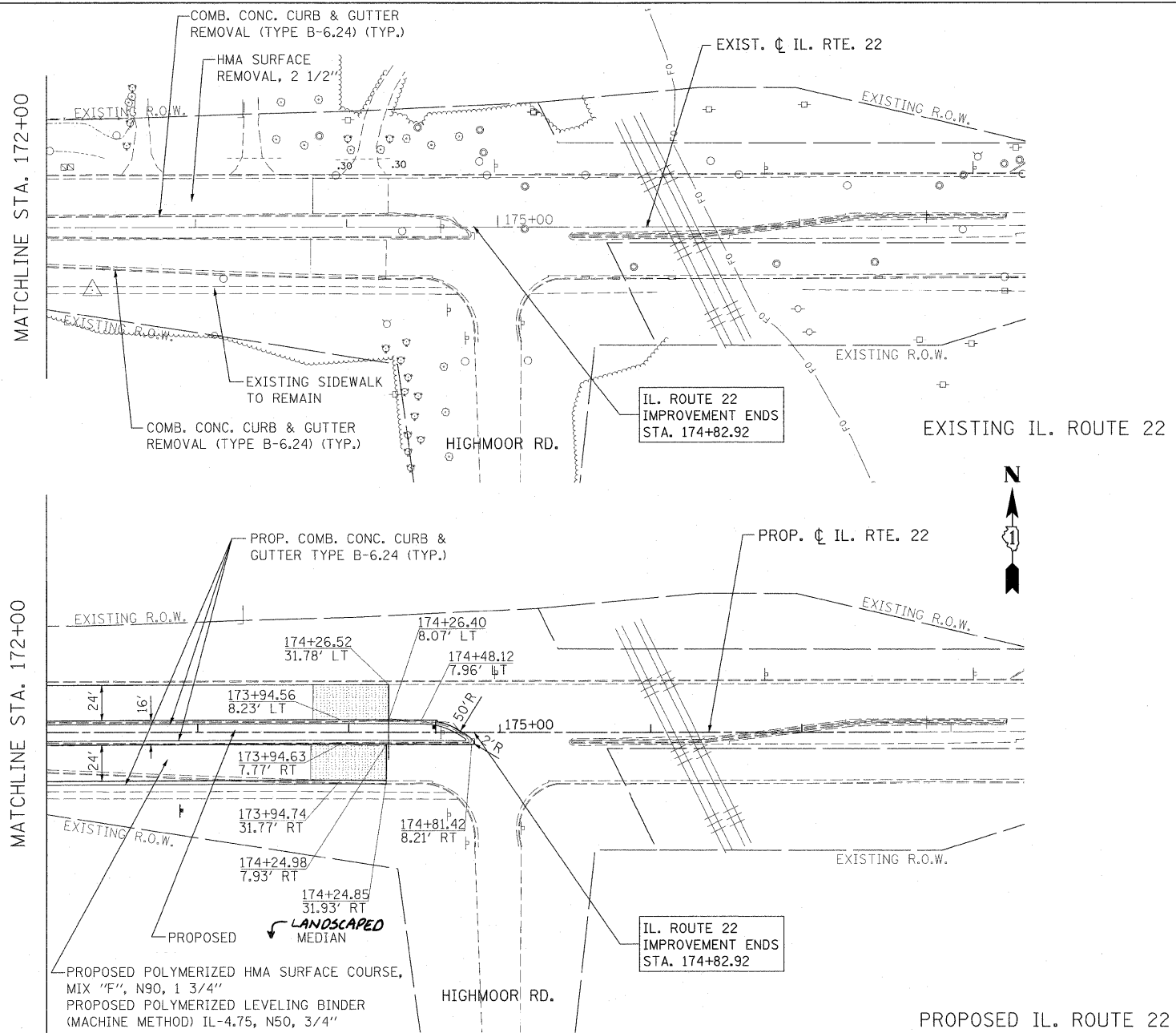
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

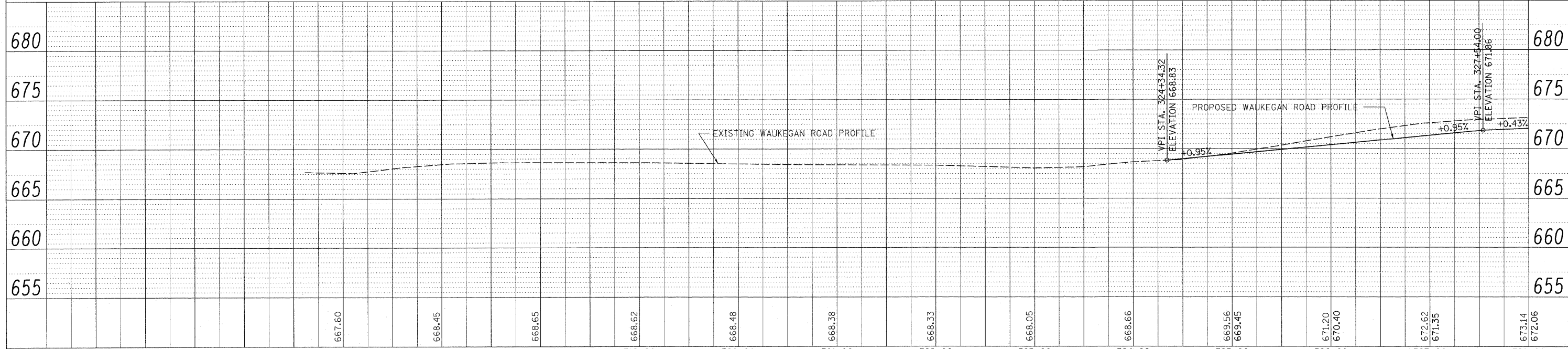
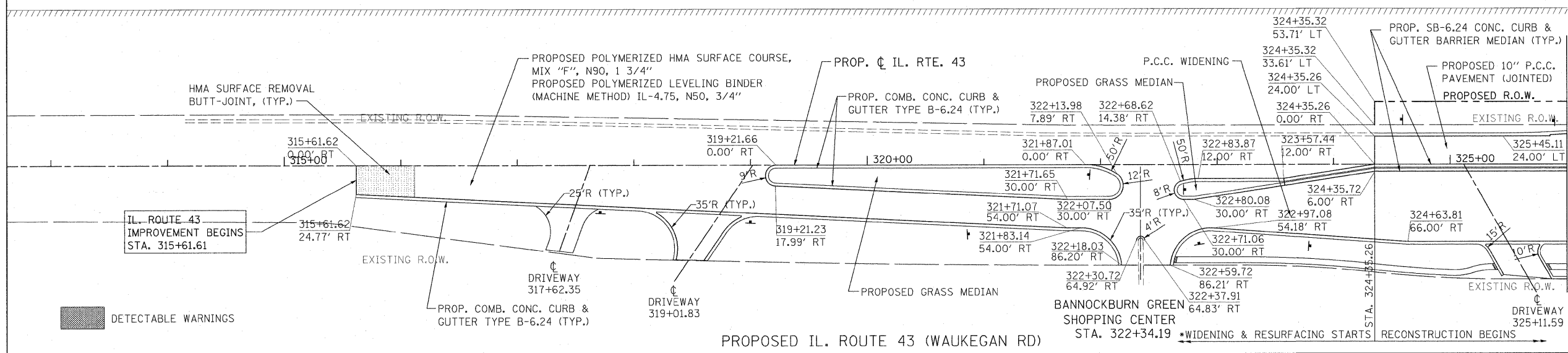
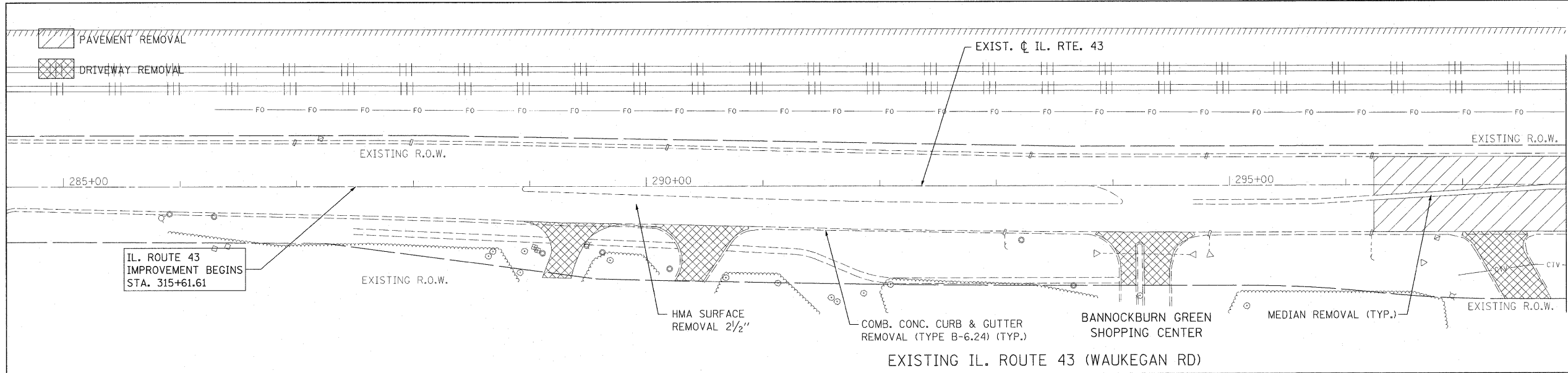
**IL. ROUTE 22
ROADWAY PLAN AND PROFILE**

SCALE: 1"=50' SHEET NO. 30 OF 232 SHEETS STA. 172+00.00 TO STA. 174+82.92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	30
CONTRACT NO. 60860				

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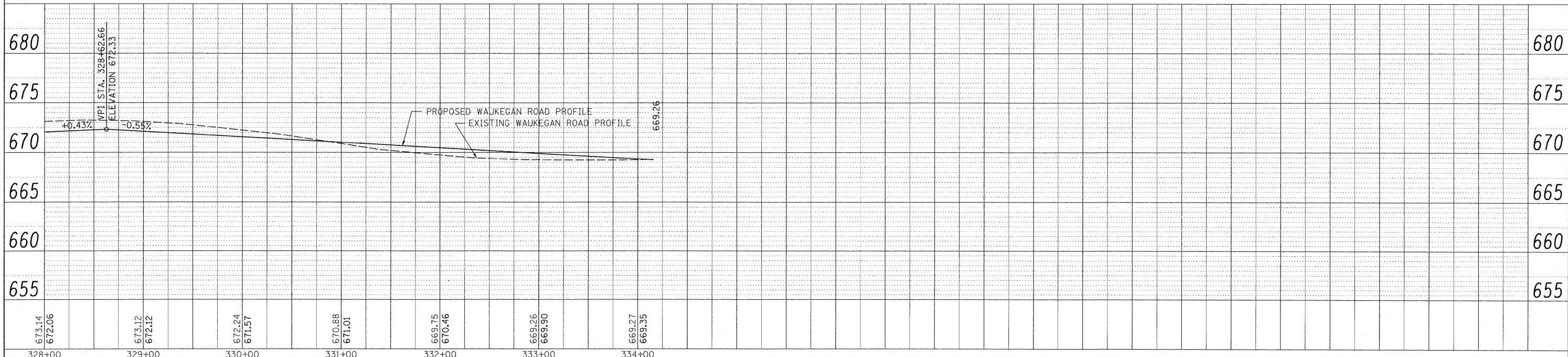
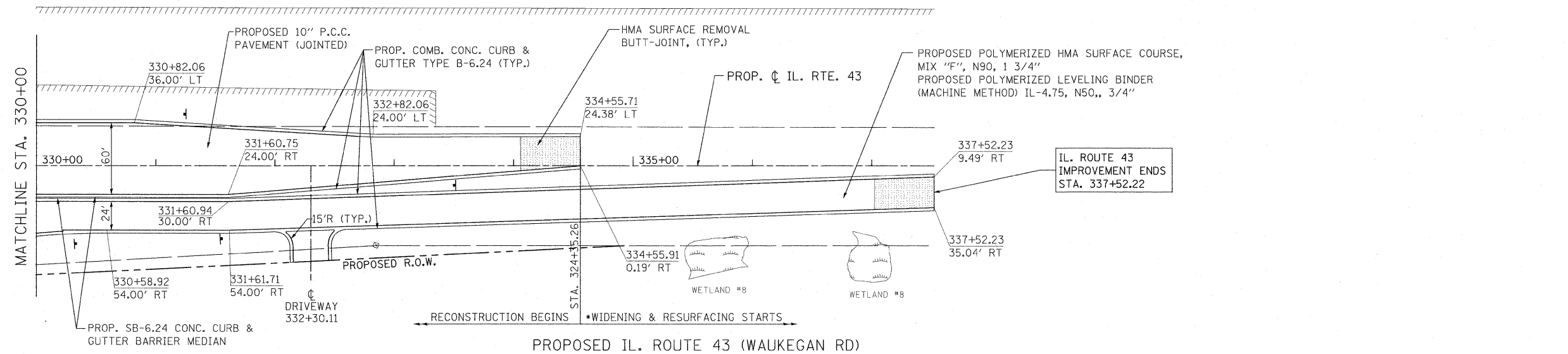
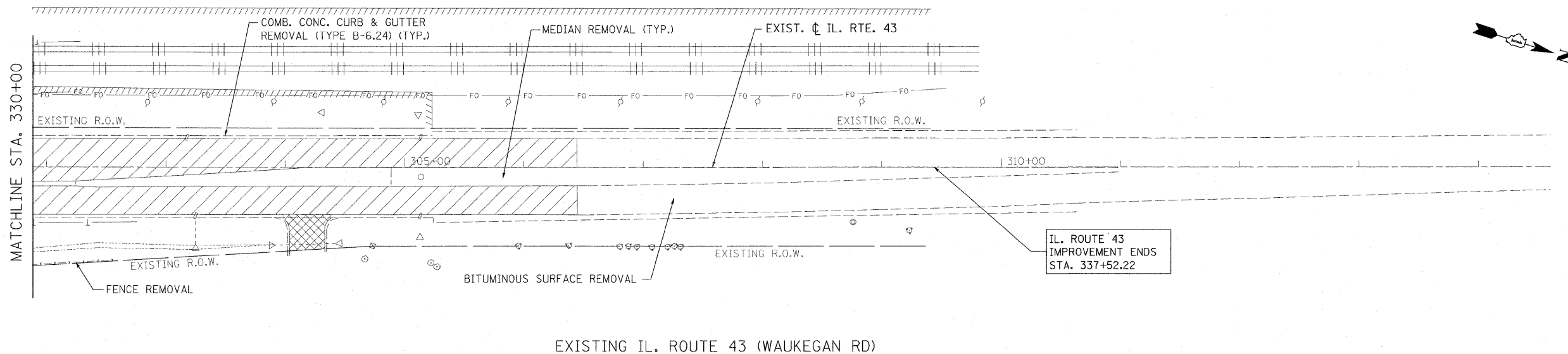
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STAGE CONSTRUCTION GENERAL NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. TEMPORARY TRAFFIC SIGNALS SHALL BE CONSTRUCTED AT THE INTERSECTIONS NOTED IN THE PLANS. TEMPORARY INTERSECTION SIGNALIZATION SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN. EXISTING STOP AND STOP AHEAD SIGNS ALONG IL. ROUTE 22 SHALL BE RELOCATED TO CONTROL SIDE STREET OR ENTRANCE TRAFFIC FOR THE VARIOUS STAGES OF CONSTRUCTION. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT.

A MINIMUM OF ONE LANE (11 FEET) IN EACH DIRECTION OF IL. ROUTE 22 SHALL BE KEPT OPEN TO THROUGH TRAFFIC AT ALL TIMES EXCEPT AS NOTED IN PLANS. A MINIMUM OF ONE 11 FEET LANE (STAGES 1 THROUGH 4) IN EACH DIRECTION FOR WAUKEGAN ROAD SHALL BE KEPT OPEN TO THROUGH TRAFFIC AT ALL TIMES. ANY LANE CLOSURES MUST BE APPROVED BY THE ENGINEER.

TAPER LENGTH FOR TRAFFIC CONTROL DEVICES IS DEFINED BY:

$$L = \frac{W \times S^2}{60}$$

WHERE EQUATION IS FOR SPEED LIMIT OF 45 MPH OR LESS. THE TERM IS DEFINED AS FOLLOWS:

- L = TAPER LENGTH IN FEET
- W = WIDTH OF OFFSET IN FEET
- S = POSTED SPEED IN MPH.

THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 703 "WORK ZONE PAVEMENT MARKINGS" OF STANDARD SPECIFICATIONS AT ALL THE FOLLOWING LOCATIONS IN EACH OF THE VARIOUS STAGES OF CONSTRUCTION:

- 4 IN WHITE EDGE LINE - EACH EDGE (YELLOW FOR INSIDE EDGE)
- 4 IN WHITE SKIP DASH (30 FT SKIP - 10 FT DASH) - BETWEEN LANES
- 4 IN DOUBLE YELLOW - MEDIANS AND BETWEEN OPPOSING LANES
- 6 IN WHITE LANE LINE - STORAGE AREA OF LEFT - TURN BAY
- 6 IN WHITE SKIP DASH (6 FT SKIP - 2 FT DASH) LEFT TURN
- 12 IN YELLOW DIAGONALS (50 FT C-C) OR 5 EQUALLY SPACED- MEDIANS AND GORES
- 24 IN WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE PROJECT IN ACCORDANCE WITH THE DISTRICT ONE C.A.D.D. DETAIL FOR "RAISED REFLECTIVE PAVEMENT MARKERS" OR AS DIRECTED BY THE ENGINEER.

IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE 50 INFORMATIONAL SIGNS ON TEMPORARY SUPPORTS FOR DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. ALSO, "CAUTION NEW LANES OPEN STOP HERE" SIGNS WILL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE AT THE APPROPRIATE LOCATIONS. THIS WORK WILL BE CONSIDERED INCLUDED IN THE VARIOUS ITEMS FOR TEMPORARY INFORMATION SIGNING.

TEMPORARY PAVEMENT IS REQUIRED TO MAINTAIN THE REQUIRED TRAFFIC LANES ON IL. ROUTE 22 AND THE SIDE STREETS AS SHOWN ON THE STAGING PLANS. TEMPORARY PAVEMENT, AT THE OPTION OF THE CONTRACTOR, SHALL BE CONSTRUCTED OF EITHER 8 INCH PCC BASE COURSE OR 2 INCH HOT- MIX ASPHALT SURFACE COURSE, MIX D, CLASS I, TYPE 2 WITH 8 INCH HOT- MIX ASPHALT BASE COURSE. THE REMOVAL OF TEMPORARY PAVEMENT IS INCLUDED IN THE PAY ITEM TEMPORARY PAVEMENT.

PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE USED AND ITS PLACEMENT SHALL BE DIRECTED BY THE ENGINEER AND IT SHALL BE PAID FOR AS "CHANGEABLE MESSAGE SIGN".

THE CONTRACTOR WILL GIVE AT LEAST 48 HOURS PRIOR NOTICE TO THE VILLAGE ENGINEER (BANNOCKBURN, HIGHLAND PARK), EMERGENCY SERVICES, SCHOOLS AND THE POST OFFICE BEFORE CLOSING THE FOLLOWING SIDE STREETS DURING CONSTRUCTION.

THE FOLLOWING SIDE STREETS WILL BE CLOSED FOR A MAXIMUM TWO WEEKS TO CONSTRUCT THE PERMANENT PAVEMENT. AT ALL OTHER TIMES DURING CONSTRUCTION, THE SIDE STREETS WILL BE OPEN TO ALL RIGHT IN AND RIGHT OUT TRAFFIC. NO PERMANENT LANE CLOSURES WILL BE ALLOWED ON IL. ROUTE 22.

- | | |
|--|--|
| <ul style="list-style-type: none"> • LAKEWOOD DRIVE AT IL. ROUTE 22 • WILDWOOD LANE AT IL. ROUTE 22 • BENTLEY LANE AT IL. ROUTE 22 • ARCHITECTURE POINT LANE AT IL. ROUTE 22 | <ul style="list-style-type: none"> • MAVOR LANE AT IL. ROUTE 22 • BROADLEY'S COURT/DUNSINANE LANE AT IL. ROUTE 22 • BIRCHWOOD/BANNOCKBURN GREEN SHOPPING CENTER AT IL. ROUTE 22 |
|--|--|

THE NECESSARY TYPE 3 BARRICADES WILL BE PROVIDED AT THE LOCATIONS SHOWN IN THE PLANS. ADJACENT SIDE STREET CLOSURES WILL BE STAGGERED.

THE CONTRACTOR SHALL PROVIDE 48 HOUR WRITTEN NOTICE TO THE VILLAGE OF DRIVEWAY CLOSURES. APPROXIMATE DIRECTIONAL SIGNAGE SHALL BE PROVIDED SO THAT PATRONS OF THESE AFFECTED BUSINESSES CAN ACCESS THE PROPERTIES BY OTHER ROUTES. THIS ACTIVITY SHALL BE COORDINATED WITH THE RESIDENT ENGINEER FOR THE PROJECT.

ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.

THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERCTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION. SIGNS SHALL BE TAKEN DOWN AS SOON AS THEY ARE NO LONGER APPLICABLE ON A CONTINUOUS BASIS AND RE-ERECTED AS APPROPRIATE. EXAMPLES OF SIGNS ARE AS FOLLOWS:

- TEMPORARY LANE CLOSURE EXAMPLE: "PERIODIC LANE CLOSURES BEGIN... EXPECT DELAYS."
- MAJOR PAVING OPERATIONS WHERE LANES WILL BE CLOSED OR RESTRICTED ON A SHORT TERM BASIS.
EXAMPLE:

"PAVEMENT POUR... EXPECT DELAYS."

SEE DETAIL FOR "TEMPORARY INFORMATION SIGNING" ON PLAN.
THESE SIGNS SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

IL ROUTE 22 - MAINTENANCE OF TRAFFIC

STAGE 1

ONE LANE OF TRAFFIC IN EACH DIRECTION WILL BE PROVIDED AS WELL AS LEFT TURN LANES AT INTERSECTIONS WHERE THEY ALREADY EXIST, UTILIZING THE EXISTING CONFIGURATION OF IL ROUTE 22. BUILD TEMPORARY PAVEMENT AS SHOWN ON THE PLANS ON THE NORTH SIDE OF IL ROUTE 22 FROM STA. 46+48.53 TO STA. 48+94.59. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED ON THE NORTH SIDE OF IL ROUTE 22 FROM STA. 50+98.00 TO STA. 88+34.87. REMOVE MEDIANS AND REPLACE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PLANS BETWEEN STA. 89+95.37 TO STA. 89+72.66.

BUILD TEMPORARY PAVEMENT AS SHOWN ON THE PLANS ON THE NORTH SIDE OF IL. ROUTE 22 FROM STA. 57+64.01 TO STA. 115+12.03. REMOVE MEDIANS AND REPLACE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PLANS BETWEEN STA. 108+82.11 TO STA. 113+74.23. BEFORE THE MEDIANS FROM STA. 139+09.88 BRIDGE END TO STA. 173+94.56 CAN BE REMOVED, THE OUTSIDE TEMPORARY PAVEMENT ADJACENT TO THE NORTH AND SOUTH SIDES MUST BE IN PLACE AT THESE LOCATIONS. TRAFFIC WILL BE SHIFTED TO THE OUTSIDE LANES UTILIZING EXISTING AND TEMPORARY PAVEMENT IN THESE AREAS. REMOVE MEDIANS AND REPLACE WITH TEMPORARY PAVEMENT FROM STA. 139+09.88 TO STA. 147+20.68. BUILD TEMPORARY PAVEMENT AS SHOWN ON THE SOUTH SIDE OF IL. ROUTE 22 FROM STA. 170+53.36 TO STA. 173+58.47. AT WAUKEGAN ROAD, TRAFFIC USES EXISTING OUTSIDE LANES. BUILD TEMPORARY PAVEMENT AS SHOWN ON THE PLANS ON THE WEST SIDE OF WAUKEGAN ROAD FROM STA. 328+90.35 TO 329+95.34. REMOVE MEDIANS BETWEEN STA. 323+98.23 AND STA. 339+10.69; REPLACE WITH TEMPORARY PAVEMENT. TEMPORARY SIGNALS WILL BE INSTALLED AT TELEGRAPH ROAD, WAUKEGAN ROAD, TENNYSON/RIDGE ROAD AND RIDGE ROAD. THEY WILL BE OPERATIONAL DURING STAGES 2, 3 AND 4.

STAGE 2

EASTBOUND AND WESTBOUND TRAFFIC WILL BE SHIFTED TO THE NORTH SIDE OF IL ROUTE 22 UTILIZING EXISTING AND TEMPORARY PAVEMENT FROM STA. 46+48.53 TO 115+12.03. FROM STA. 133+02.52 TO 174+24.52, EASTBOUND AND WESTBOUND TRAFFIC WILL UTILIZE EXISTING AND TEMPORARY PAVEMENT ON THE NORTH AND SOUTH SIDES OF IL ROUTE 22. ONE LANE IN EACH DIRECTION IS TO BE MAINTAINED. LEFT TURN LANES ARE PROVIDED AT INTERSECTIONS WHERE EXISTING LEFT TURN LANES ARE PRESENT.

STAGE 3

BUILD NEW PAVEMENT ON THE NORTH SIDE OF IL ROUTE 22 BETWEEN STA. 46+48.53 TO STA. 115+12.03. FROM STA. 139+09.88 TO STA. 174+26.76 ON IL. ROUTE 22 IS WIDENING AND RESURFACING SECTION AND IS TO BE COMPLETED USING TRAFFIC CONTROL AND PROTECTION FOR DAY TIME LANE CLOSURES.

AT WAUKEGAN RD., NORTHBOUND AND SOUTHBOUND TRAFFIC WILL USE THE EXISTING SOUTHBOUND LANES AND TEMPORARY PAVEMENT IN THE MEDIANS. ONE LANE IN EACH DIRECTION WILL BE PROVIDED AS WELL AS LEFT TURN LANES WHERE THEY ARE CURRENTLY PRESENT. BUILD THE PROPOSED NORTHBOUND LANES AND OUTSIDE CURB AND GUTTER ON WAUKEGAN RD., SOUTH OF IL. ROUTE 22.

IMMEDIATELY FOLLOWING THE SHIFT OF TRAFFIC TO THE STAGE 3 CONFIGURATION, ACCESS TO THE ENTRANCES ON THE NORTH SIDE OF IL. 22 SHALL BE MAINTAINED USING THE PAY ITEM TEMPORARY ACCESS (PRIVATE ENTRANCE). ONE LANE IN EACH DIRECTION WILL BE MAINTAINED AS WELL AS LEFT TURN LANES AT THOSE INTERSECTIONS WHERE THEY EXISTED.

WHEN A GRADE CROSSING EXISTS EITHER WITHIN OR IN THE VICINITY OF A TEMPORARY TRAFFIC CONTROL ZONE, LANE RESTRICTIONS, FLAGGING (SEE MUTCD CHAPTER 6E), OR OTHER OPERATIONS SHALL NOT BE PERFORMED IN A MANNER THAT WOULD CAUSE HIGHWAY VEHICLES TO STOP ON THE RAILROAD OR LRT TRACKS, UNLESS A FLAGGER OR UNIFORMED LAW ENFORCEMENT OFFICER IS PROVIDED AT THE GRADE CROSSING TO MINIMIZE THE POSSIBILITY OF HIGHWAY VEHICLES STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE.

CONSTRUCT PROPOSED PAVEMENT:

LEFT TURN LANE	RIGHT TURN LANE
LAKEWOOD DR.	
•	WAUKEGAN RD.

- * LEFT TURN LANES AT THE FOLLOWING INTERSECTIONS: DEERFIELD/BANNOCKBURN FIRE STATION, TELEGRAPH RD., DUNSINANE LN., WAUKEGAN RD., BANNOCKBURN GREEN SHOPPING CENTER (2 ENTRANCES), (STREET BETWEEN WILDWOOD AND BRIDGE), TENNYSON LN. AND RIDGE RD. SOUTH.

TRAFFIC ON WAUKEGAN ROAD WILL STAY CONFIGURED USING THE NORTHBOUND LANES. BUILD THE SOUTHBOUND LANES OF WAUKEGAN ROAD, NORTH OF IL ROUTE 22. BUILD THE OUTSIDE CURB AND GUTTER ALONG WAUKEGAN ROAD.

STAGE 4

EASTBOUND TRAFFIC UTILIZES THE NEW OUTSIDE EASTBOUND LANE AND WESTBOUND TRAFFIC USES THE NEW OUTSIDE WESTBOUND LANE ON IL ROUTE 22. BUILD CURB AND GUTTER AT THE MEDIANS, MEDIANS AND THE LANDSCAPING FOR THE MEDIANS. STRIPE THE INSIDE LANES AND LEFT TURN LANES ON IL ROUTE 22. SWITCH TRAFFIC TO NEW INSIDE LANES IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS. BUILD REMAINING OUTSIDE CURB AND GUTTER AND SIDEWALK. STRIPE OUTSIDE LANES ON IL ROUTE 22. CLEAN EXISTING STORM SEWER AS CALLED OUT ON THE PLANS.

DUAL LEFT TURN LANES SHALL NOT BE OPENED TO TRAFFIC UNTIL THE PERMANENT TRAFFIC SIGNALS ARE ENERGIZED AND APPROVED FOR OPERATION.

	LOCATION	OFFSET	12 In		LOCATION	OFFSET	12 In
STAGE 1	54+74	LT.	60'	STAGE 2	47+20	RT.	39'
	62+89	LT.	66'		50+46	RT.	43'
	72+12	LT.	21'		103+08	RT.	28'
	74+59	LT.	18'		IL. 43	333+23.42	65'
	97+64	LT.	26'				
	101+55	LT.	66'				
	104+97	LT.	30'				
STAGE 1	SUBTOTAL	287'-0"		STAGE 2	SUBTOTAL	175'-0"	
TOTAL		287'-0"	+	175'-0"	+ *158 =	620 ft	

	LOCATION	OFFSET	EACH		LOCATION	OFFSET	EACH
STAGE 1	35+03	LT.	1	STAGE 2			
	74+59	LT.	1				
	97+64	LT.	1				
	101+89	LT.	1				
	104+88	LT.	1				
STAGE 1	SUBTOTAL	5 EACH		STAGE 2	SUBTOTAL	5 EACH	
TOTAL		5 + 0 + * 5 =	10 EACH				




















- *AN ADDITIONAL 5 TEMPORARY CATCH BASINS AND 158 FEET OF PIPE CULVERT HAS BEEN ADDED TO THE ESTIMATED QUANTITY TO BE USED AT THE DISCRETION OF THE ENGINEER.

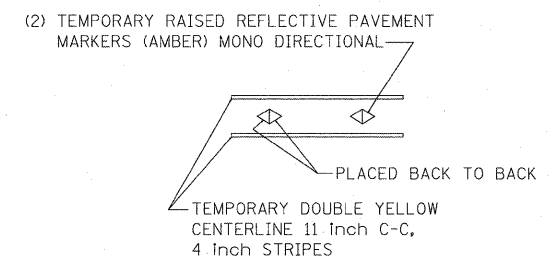
THESE PROPOSED CULVERTS SHALL ALSO BE USED AS TEMPORARY DRAINAGE PIPES.

STAGE 2 TEMPORARY CATCH BASINS & CULVERT, IF NEEDED, WILL REMAIN IN PLACE UNTIL REPLACED WITH PERMANENT STRUCTURES IN STAGE 3.



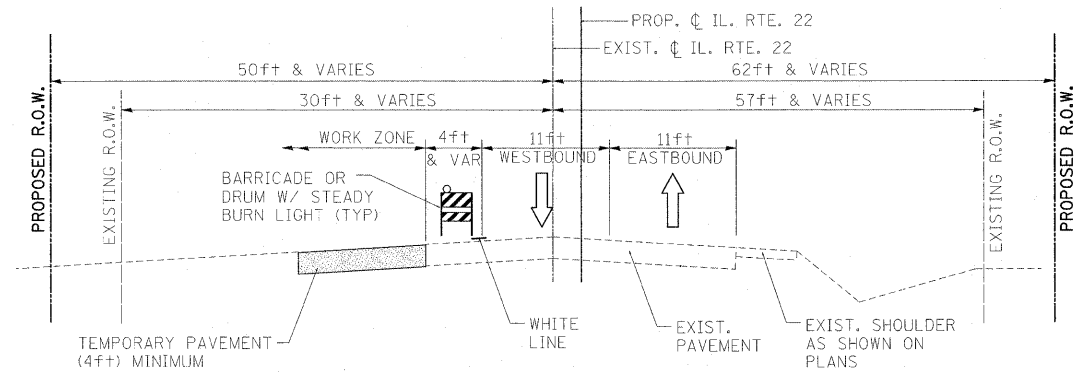
LEGEND:

-  CONSTRUCTION STAGE.
-  TEMPORARY PAVEMENT (10" PCC BASE COURSE OR 2" HMA SURFACE AND 8" HMA BASE COURSE)
-  BARRICADE TYPE III WITH 2 FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
-  BARRICADE TYPE II OR DRUMS, WITH STEADY-BURNING LIGHT (SEE APPLICABLE IDOT STANDARD FOR SPACING).
-  TEMPORARY TRAFFIC ADVISORY SIGN.
-  SIGN LEGEND NUMBER (SEE ADJACENT LEGEND FOR SIGNS AND CORRESPONDING NUMBERS).
-  VERTICAL PANEL WITH STEADY-BURNING LIGHT (50 FT).
-  ARROW BOARD.
-  4 in SOLID WHITE EDGE LINE UNLESS OTHERWISE NOTED
-  4 in DOUBLE YELLOW LINES @ 11 in C/C
-  6 in WHITE SKIP-DASH 24 in LINE WITH 6 ft DASH
-  24 in WHITE STOP BAR
-  FLOW OF TRAFFIC
-  VERTICAL PANEL WITH STEADY BURN LIGHT @ 50 ft CENTERS, @ 25 ft CENTER ON TAPER AND CURVES
-  TYPE I, TYPE II BARRICADE OR DRUM WITH STEADY LIGHT @ 50 ft CENTERS OR @ 25 ft CENTERS ON TAPER AND CURVES.
-  TYPE III BARRICADE
-  TEMPORARY RRPM (ONE WAY CRYSTAL) @ 40 ft C/C
-  TEMPORARY RRPM (ONE WAY AMBER) @ 40 ft C/C
-  TEMPORARY RRPM (TWO WAY AMBER) @ 40 ft C/C

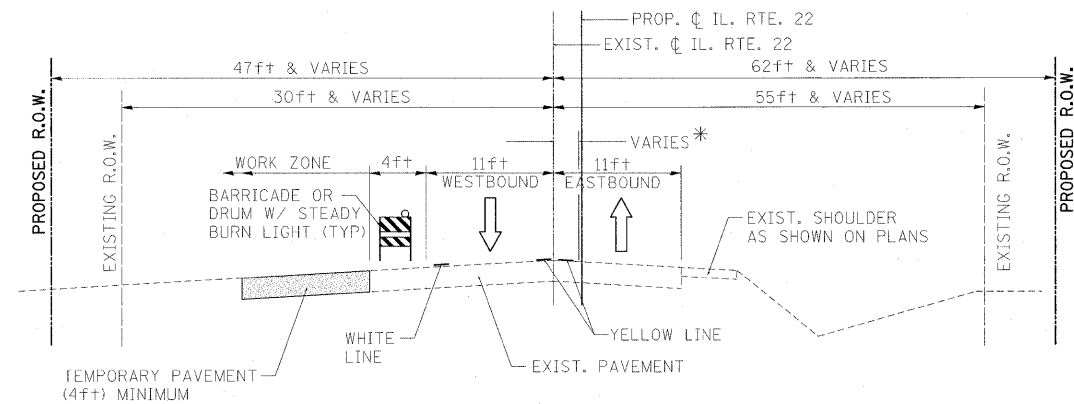


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PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

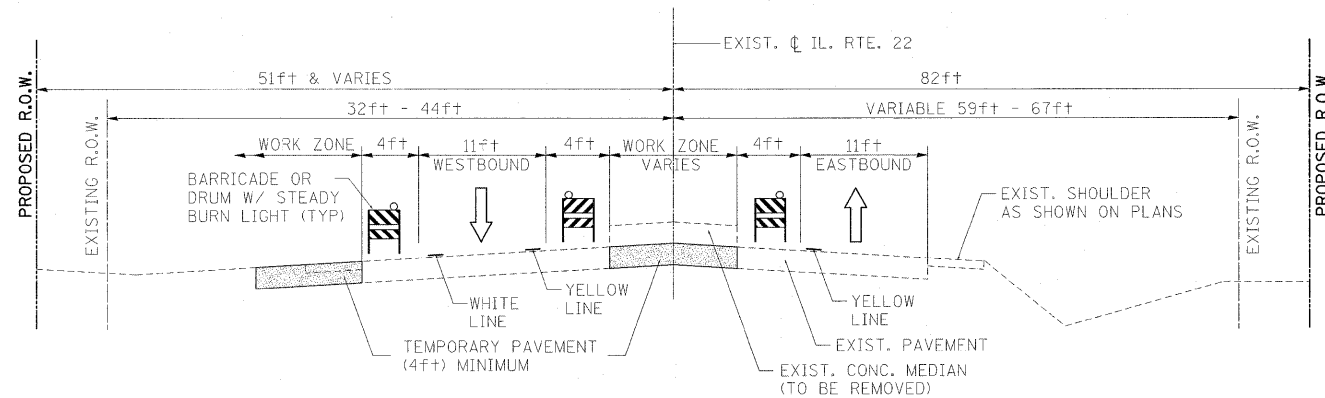
* VARIES TO MAINTAIN MINIMUM LANE WIDTH AND CLEAR ZONE REQUIREMENTS



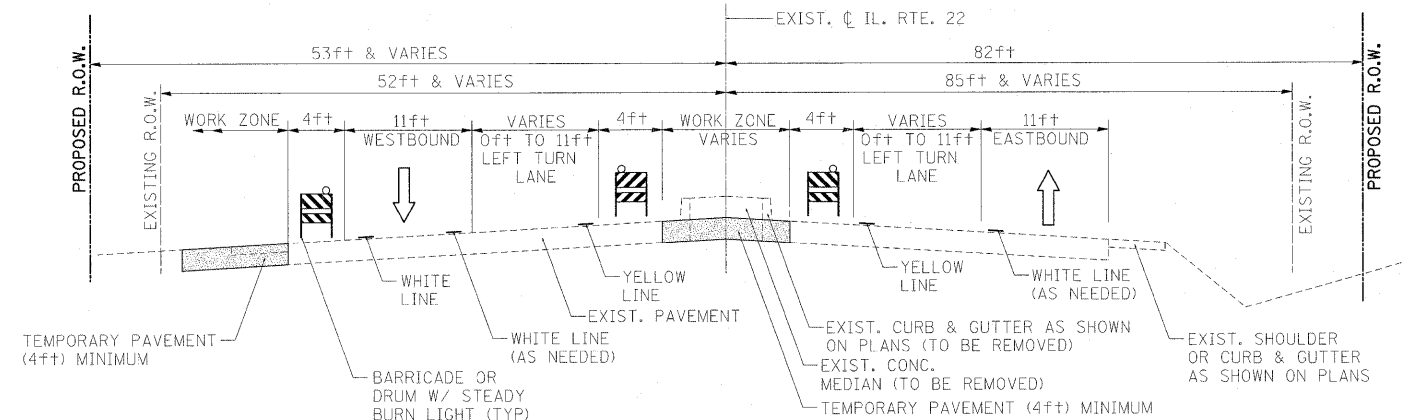
NOTE: CONSTRUCT TEMPORARY PAVEMENT FROM STA. ±56+32 TO STA. ±57+64 PRIOR TO STAGE I
STAGE 1
 STA. ±46+48 TO STA. ±57+70



NOTE: 11ft LANES & A 3ft CLEAR ZONE ARE PROVIDED FROM STA. ±57+14 TO STA. ±70+28
STAGE 1
 STA. ±57+64 TO STA. ±83+40

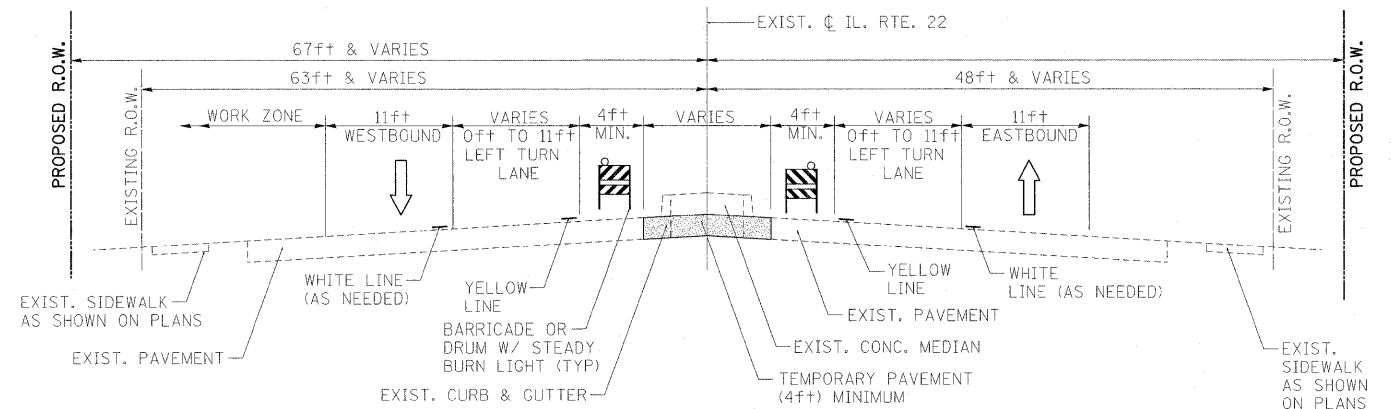


NOTE: 11ft LANES & A 3ft CLEAR ZONE ARE PROVIDED FROM STA. ±83+39+ TO STA. ±86+68
STAGE 1
 STA. ±83+39 TO STA. ±88+32



STAGE 1
 STA. ±88+31 TO STA. ±115+13

PROJECT OMISSION: STA. 115+12.03 TO
 STA. 139+09.88



NOTE: BEYOND STA. ±149+01 NO WORK ZONE IS REQUIRED WESTBOUND LANES
STAGE 1
 STA. ±149+01 TO STA. ±173+95

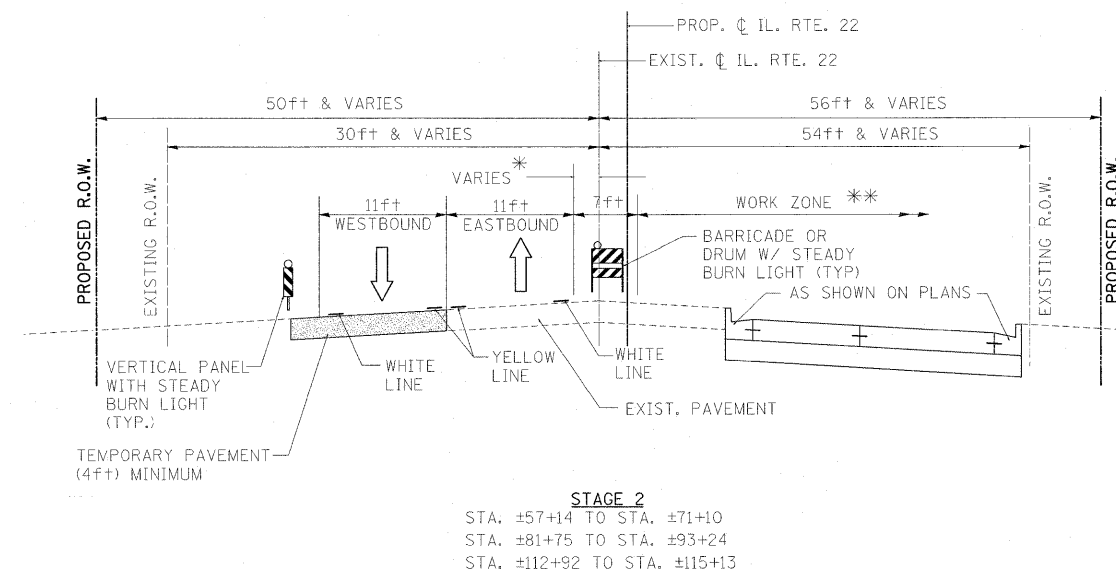
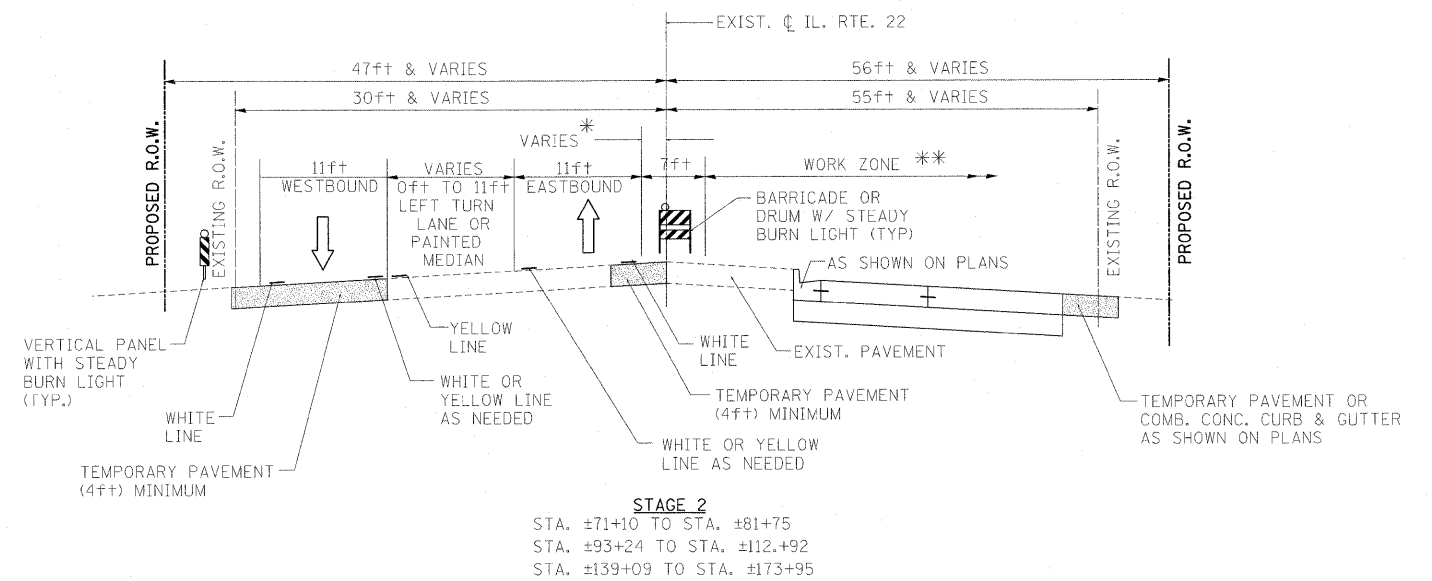
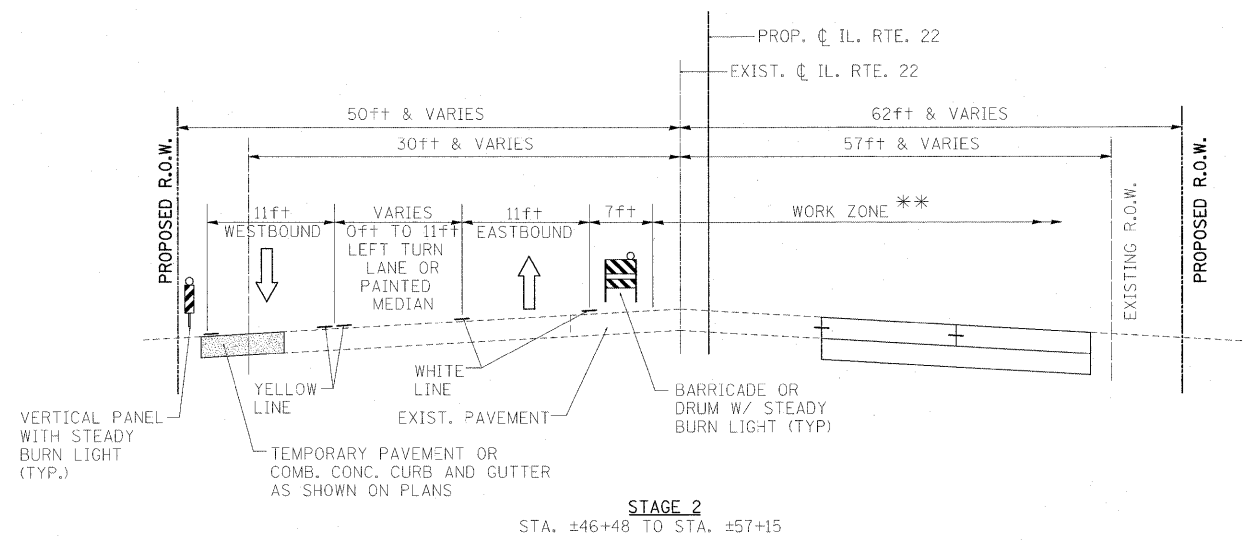
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. ROUTE 22
 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS, STAGE 1**

SCALE: NTS SHEET NO. 35 OF 232 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	35
CONTRACT NO. 60860				
[ILLINOIS] FED. AID PROJECT				

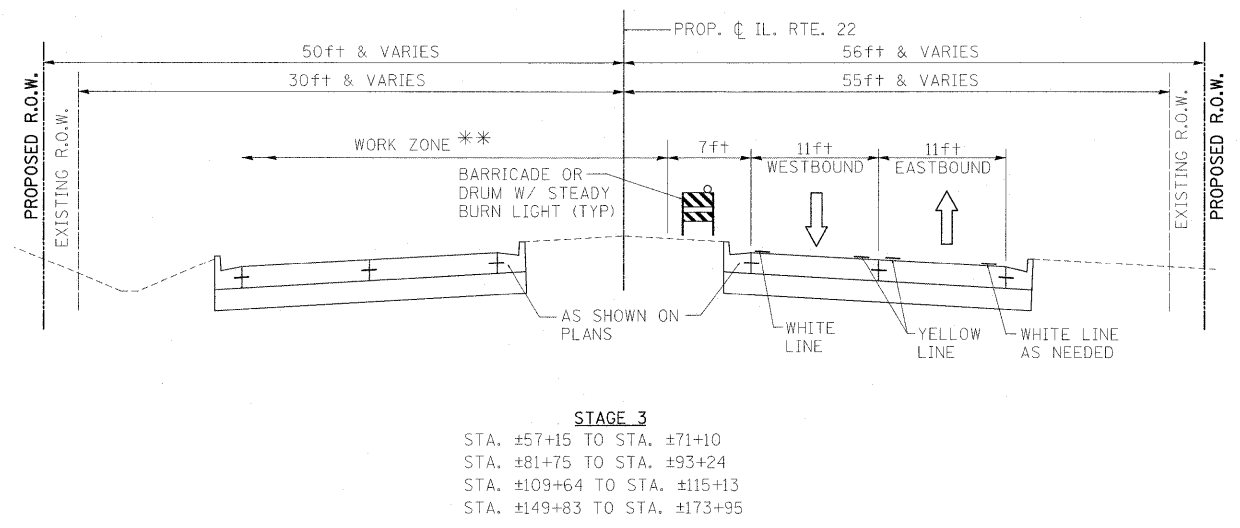
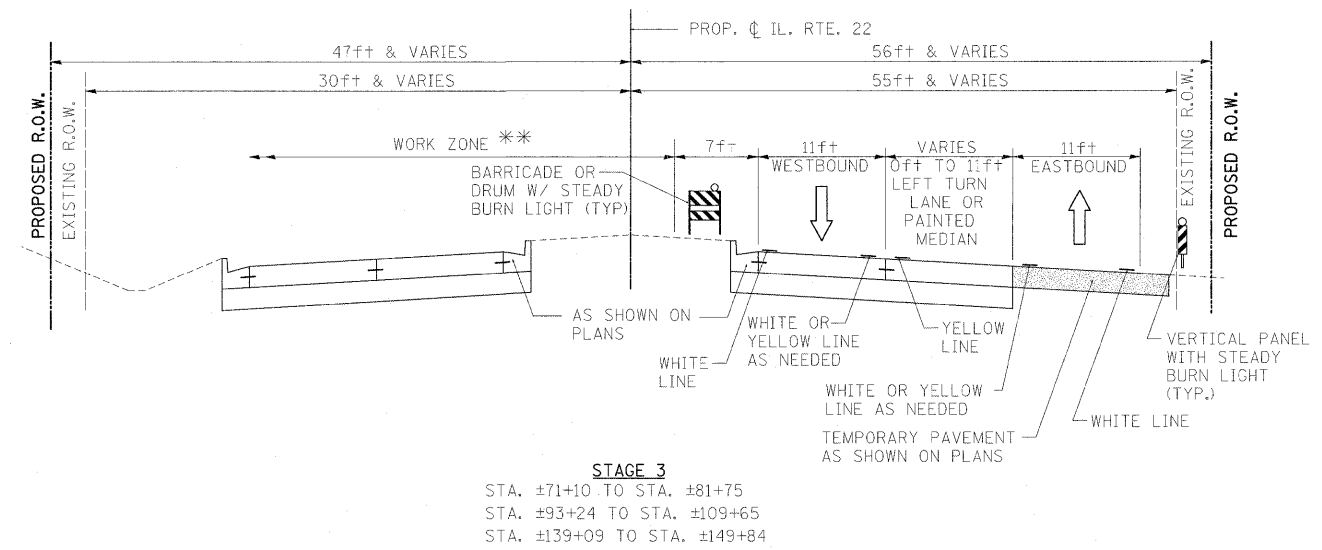
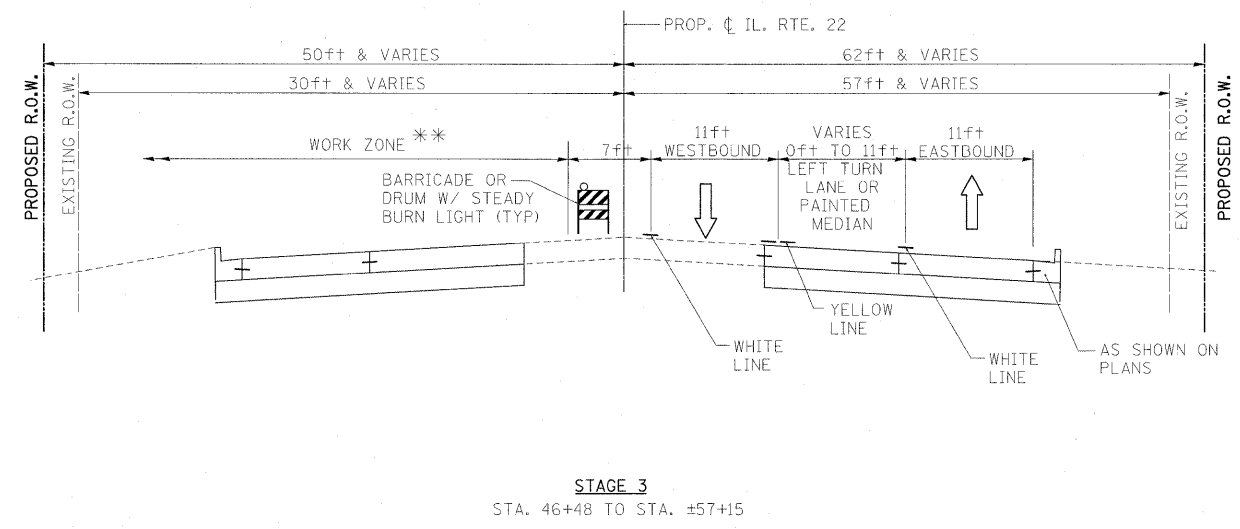


PROJECT OMISSION: STA. 115+12.03 TO
STA. 139+09.88

* SEE PLAN VIEW FOR LOCATION

** UTILIZE WORK ZONE TO COMPLETE MAXIMUM AMOUNT OF PAVEMENT AND MEDIAN

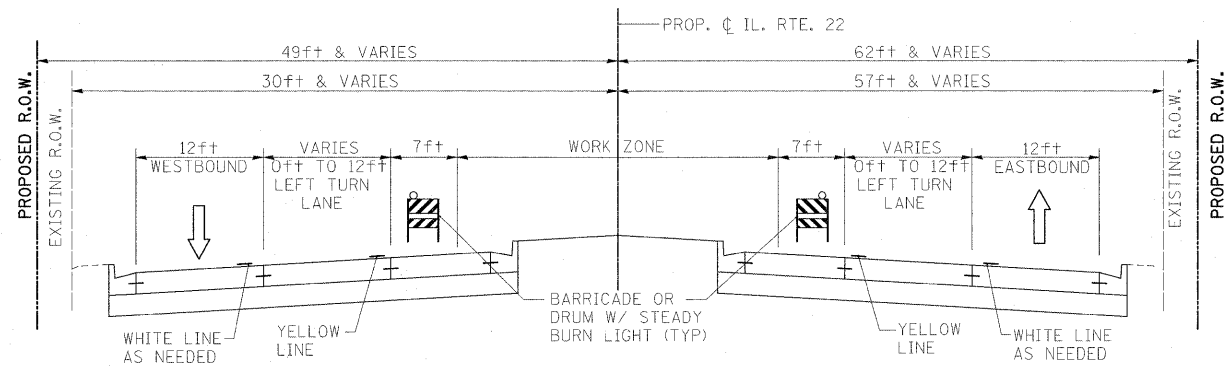
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	PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -		CONTRACT NO. 60860 ILLINOIS FED. AID PROJECT						



PROJECT OMISSION: STA. 115+12.03 TO STA. 139+09.88

** UTILIZE WORK ZONE TO COMPLETE MAXIMUM AMOUNT OF PAVEMENT AND MEDIAN

FILE NAME =	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS, STAGE 3			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -									

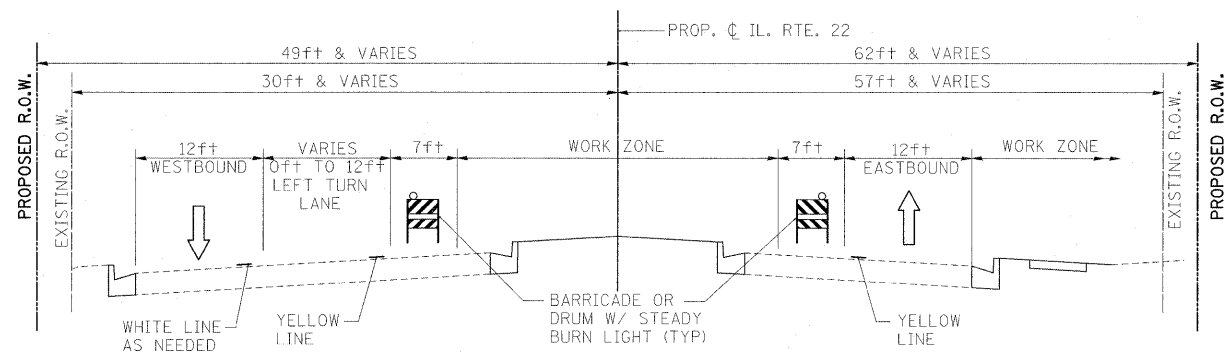


NOTE: SEE PLAN FOR AREAS OF CURB & GUTTER ALONG OUTSIDE EDGE OF PAVEMENT TO BE CONSTRUCTED AFTER COMPLETION OF MEDIAN WORK

STAGE 4

STA. ±46+48 TO STA. ±76+84
 STA. ±81+75 TO STA. ±101+44
 STA. ±109+64 TO STA. ±115+13
 STA. ±149+01 TO STA. ±173+95

PROJECT OMISSION: STA. 115+12.03 TO STA. 139+09.88



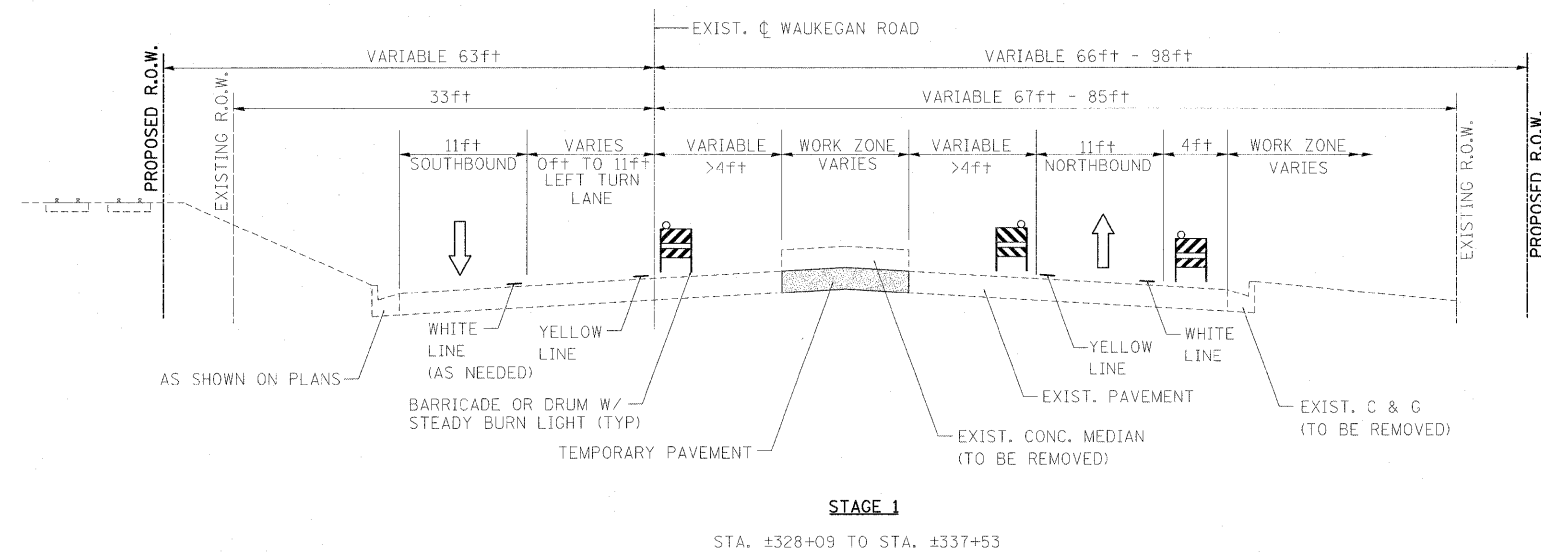
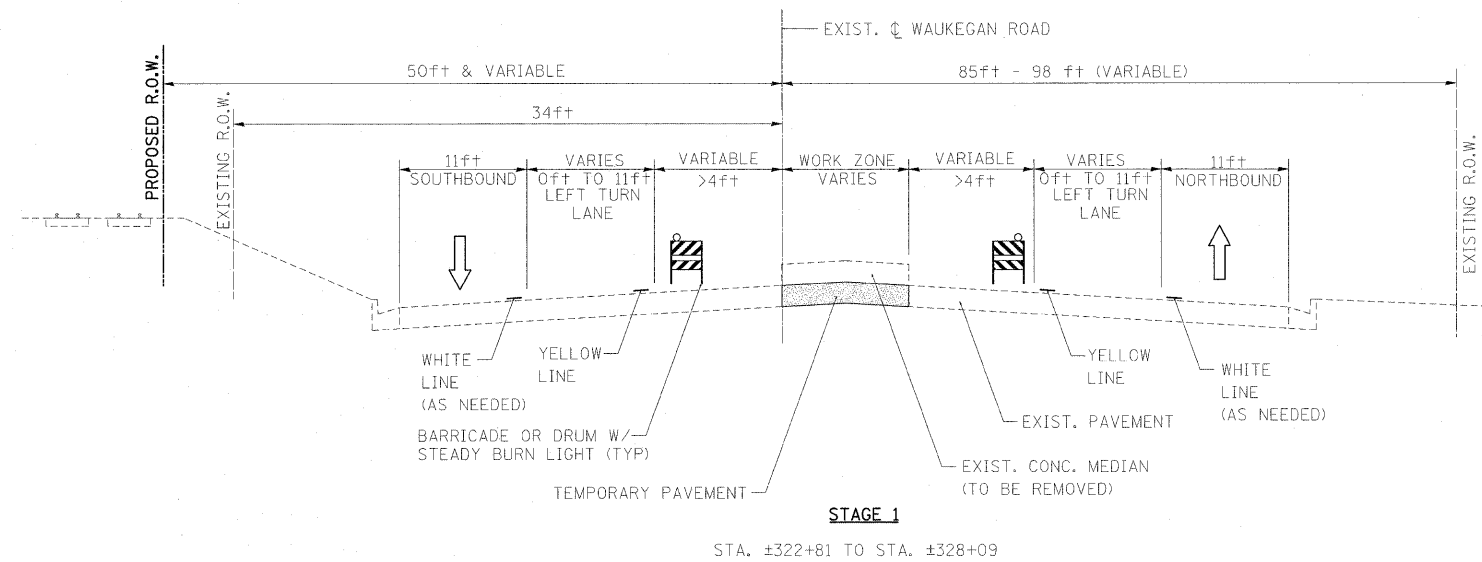
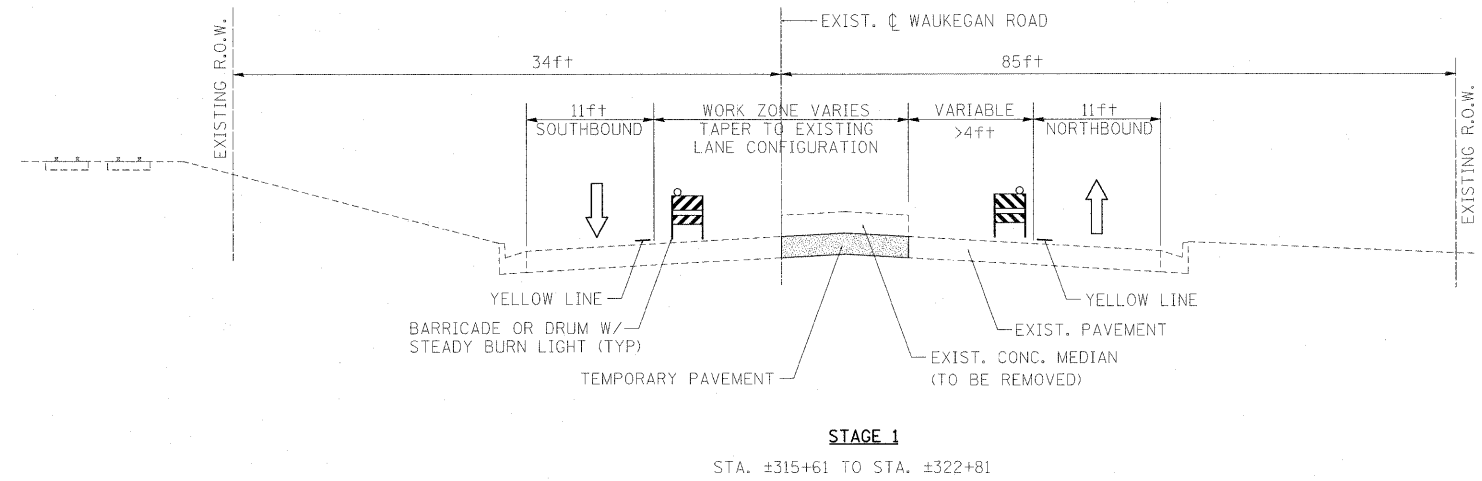
NOTE: SEE PLAN FOR AREAS OF CURB & GUTTER ALONG OUTSIDE EDGE OF PAVEMENT TO BE CONSTRUCTED AFTER COMPLETION OF MEDIAN WORK

STAGE 4

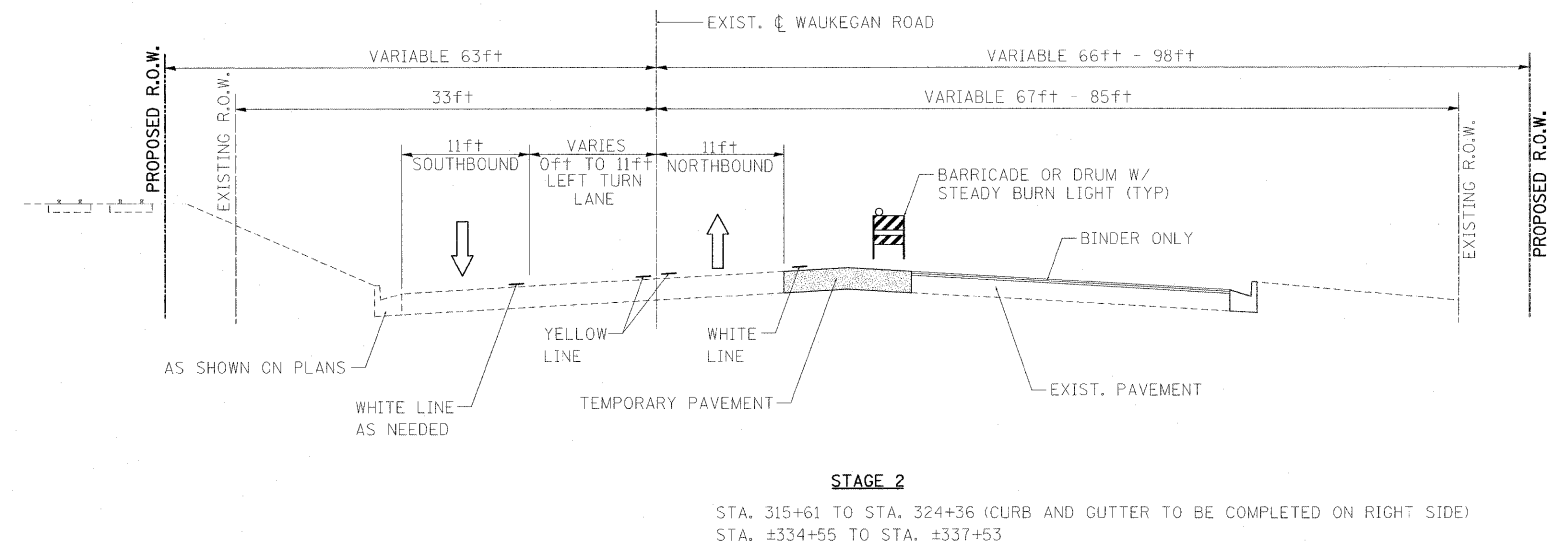
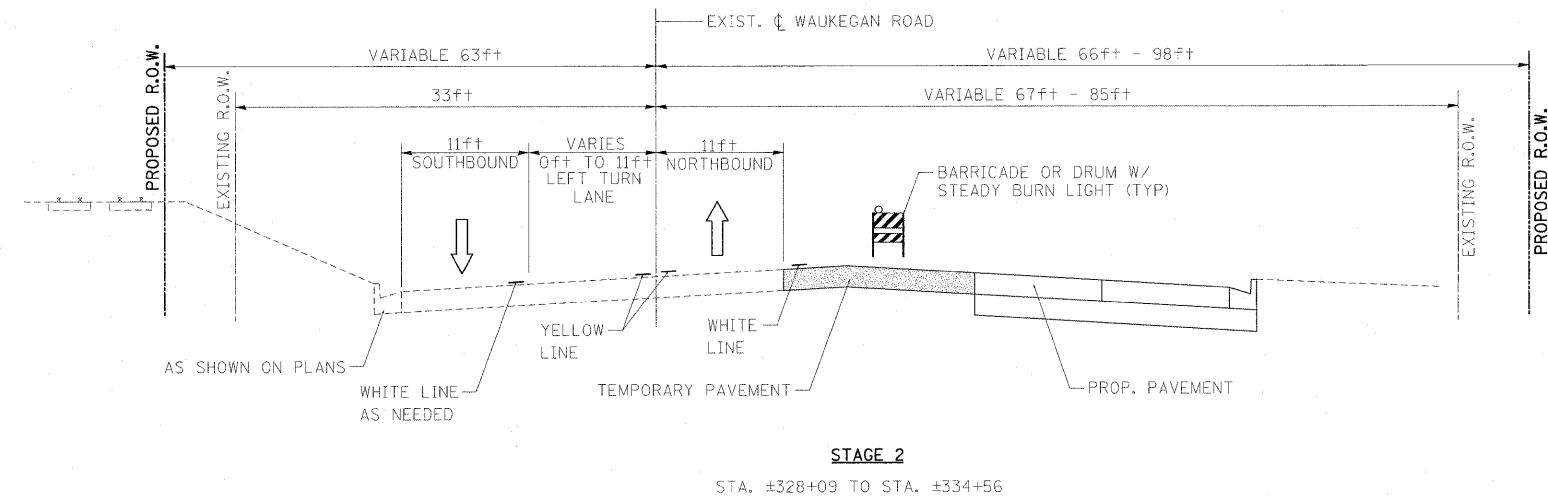
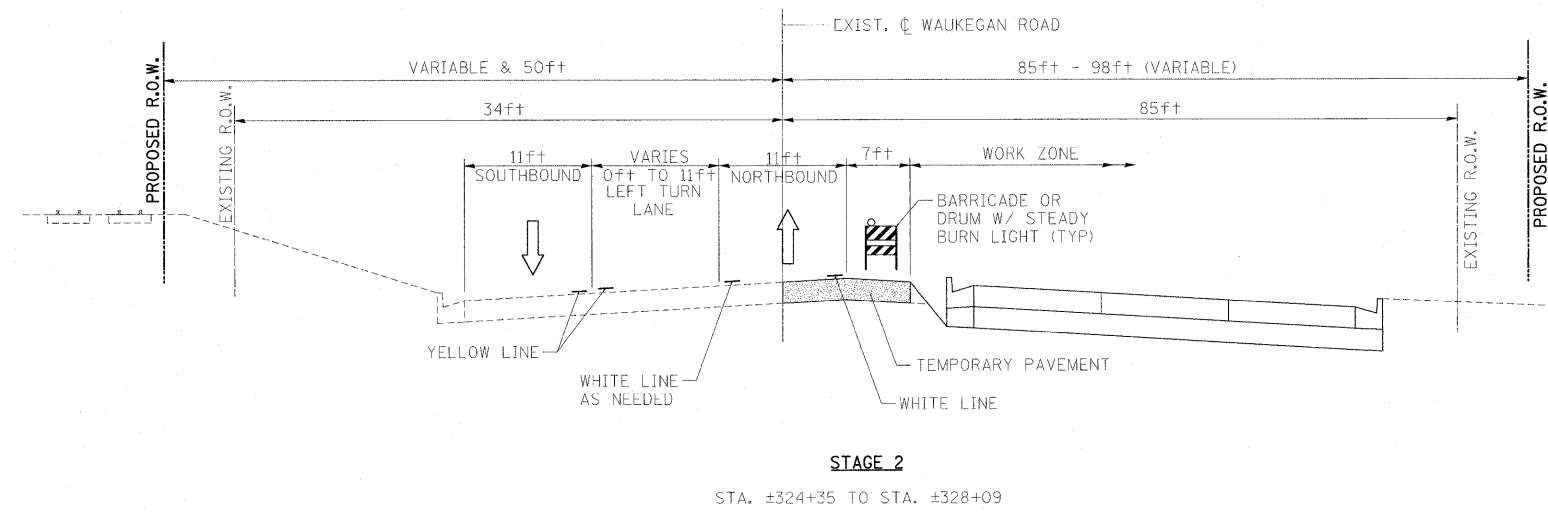
STA. ±76+84 TO STA. ±81+76
 STA. ±101+44 TO STA. ±109+65
 STA. ±139+09 TO STA. ±149+02

PROJECT OMISSION: STA. 115+12.03 TO STA. 139+09.88

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W:\ILRTE22\2009 REVISIONS\CADD Sheets\160860-shr-staging-typical.dgn		DRAWN - DC	REVISED -		SCALE: NTS	SHEET NO. 38 OF 232 SHEETS	STA.	TO STA.	CONTRACT NO. 60860			
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		DATE - 05/14/2010	REVISED -									



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	PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -		ILLINOIS FED. AID PROJECT							



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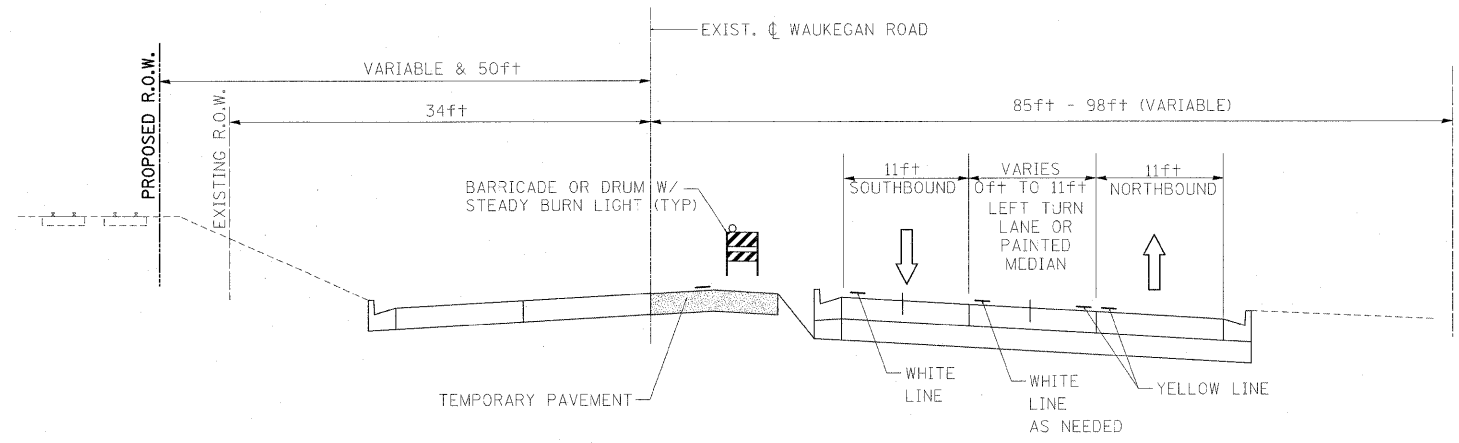
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CHECKED - JP	REVISED -
DATE - 05/14/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

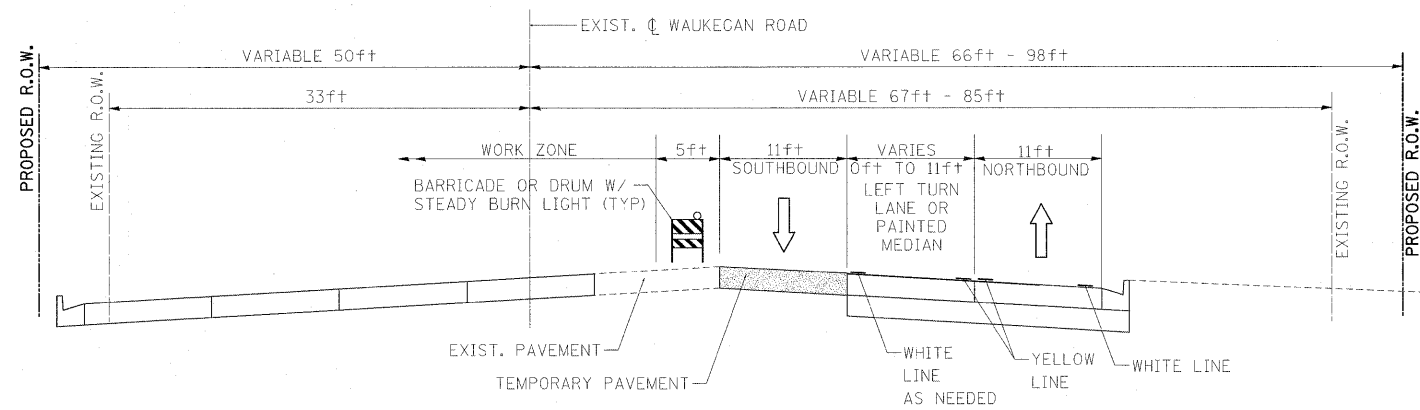
**WAUKEGAN ROAD
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS, STAGE 2**

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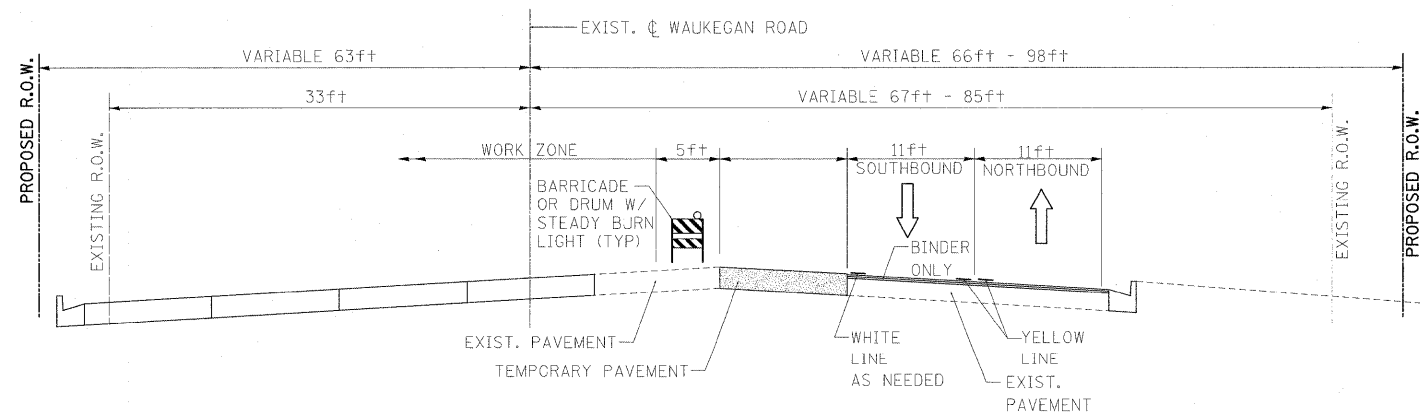
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	40
CONTRACT NO. 60860				
ILLINOIS FED. AID PROJECT				



STAGE 3
STA. ±315+61 TO STA. ±328+09



STAGE 3
STA. ±328+09 TO STA. ±334+56



STAGE 3
STA. ±315+61 TO STA. ±324+36 (CURB AND GUTTER TO BE COMPLETED ON RIGHT SIDE)
STA. ±334+55 TO STA. ±337+53

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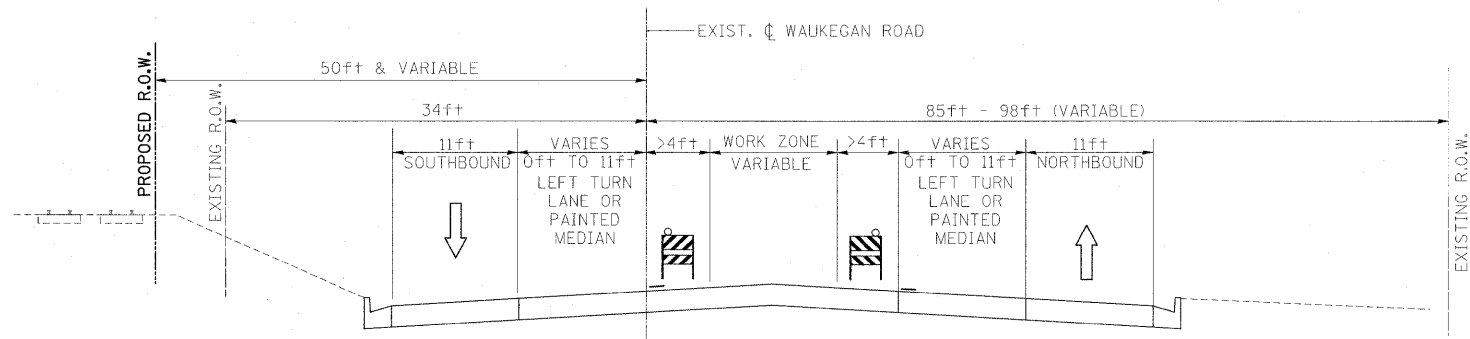
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CHECKED - JP	REVISED -
DATE - 05/14/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WAUKEGAN ROAD
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS, STAGE 3**

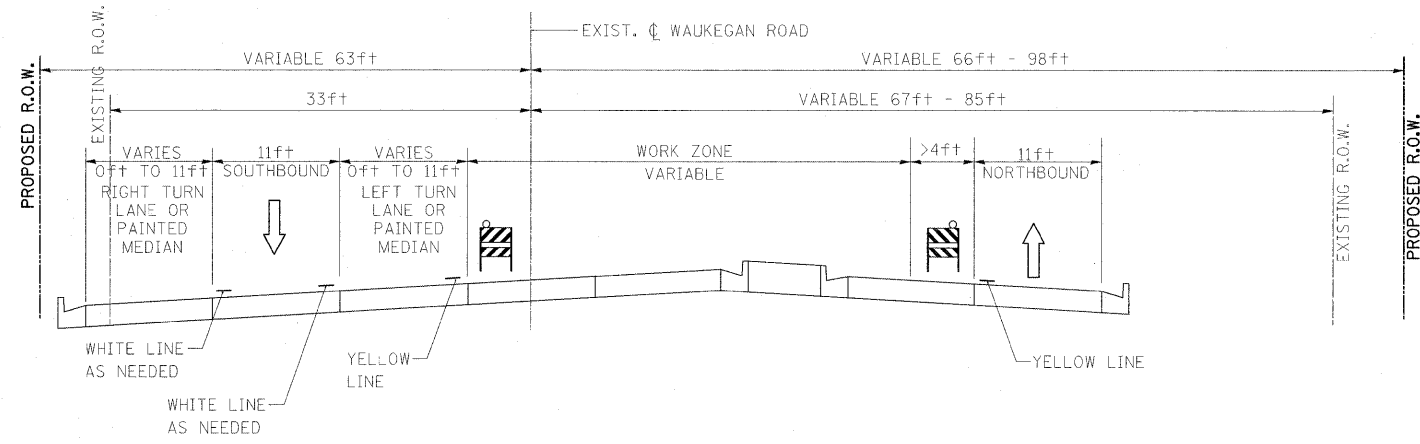
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	41
CONTRACT NO. 60860				
ILLINOIS FED. AID PROJECT				



STAGE 4

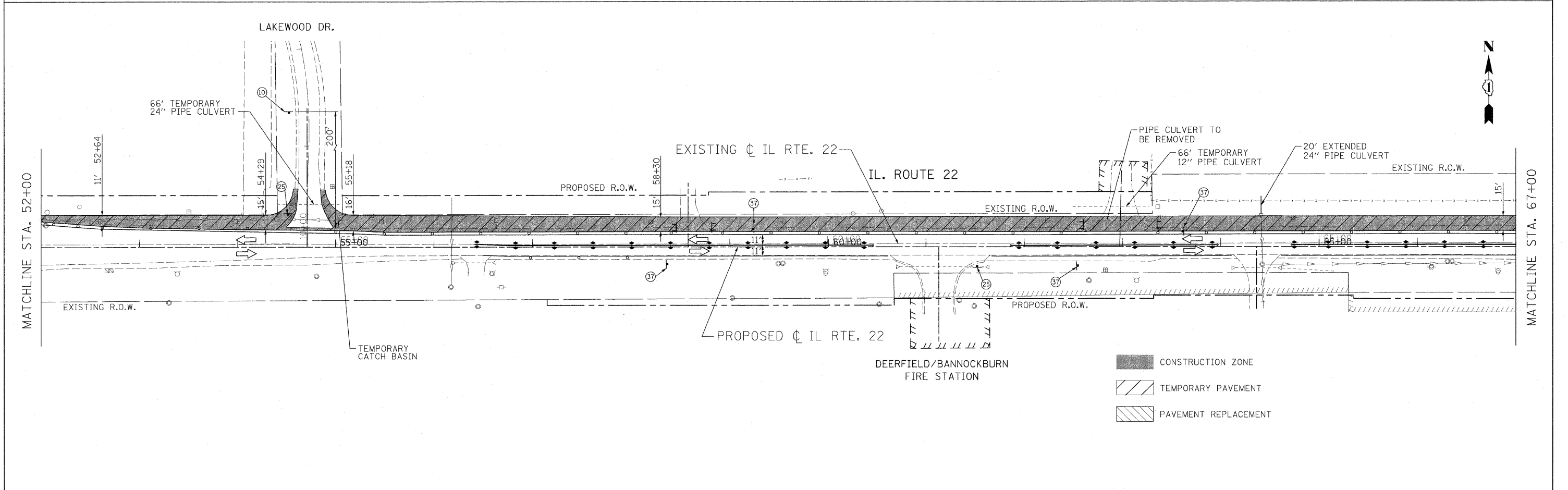
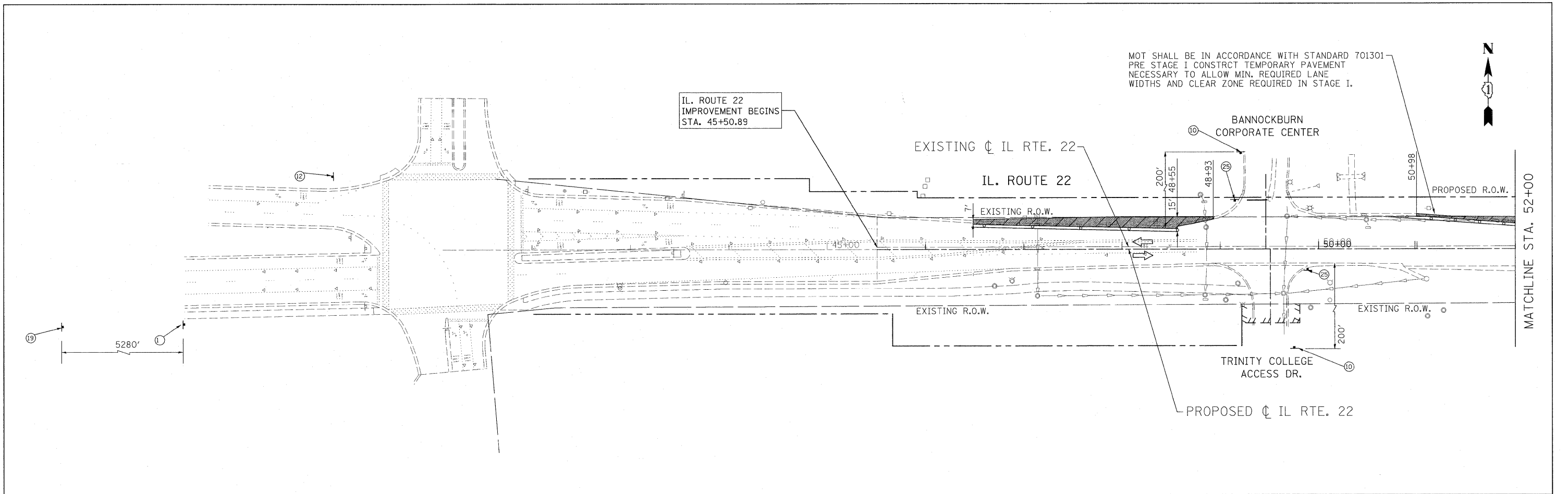
STA. ±315+61 TO STA. ±328+09



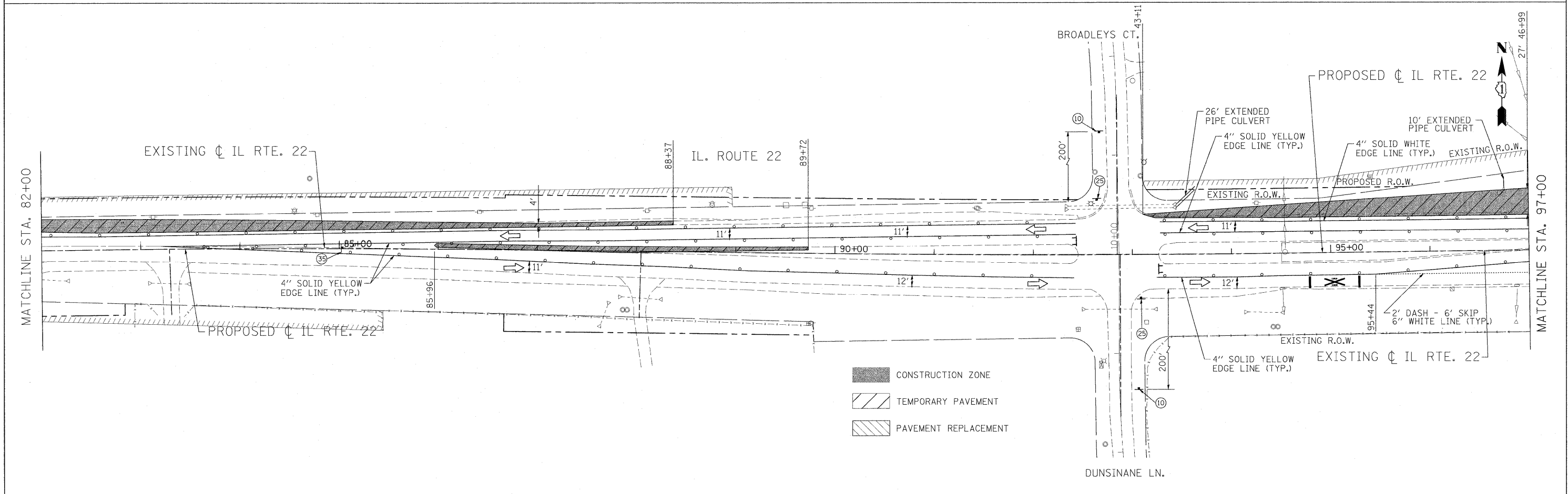
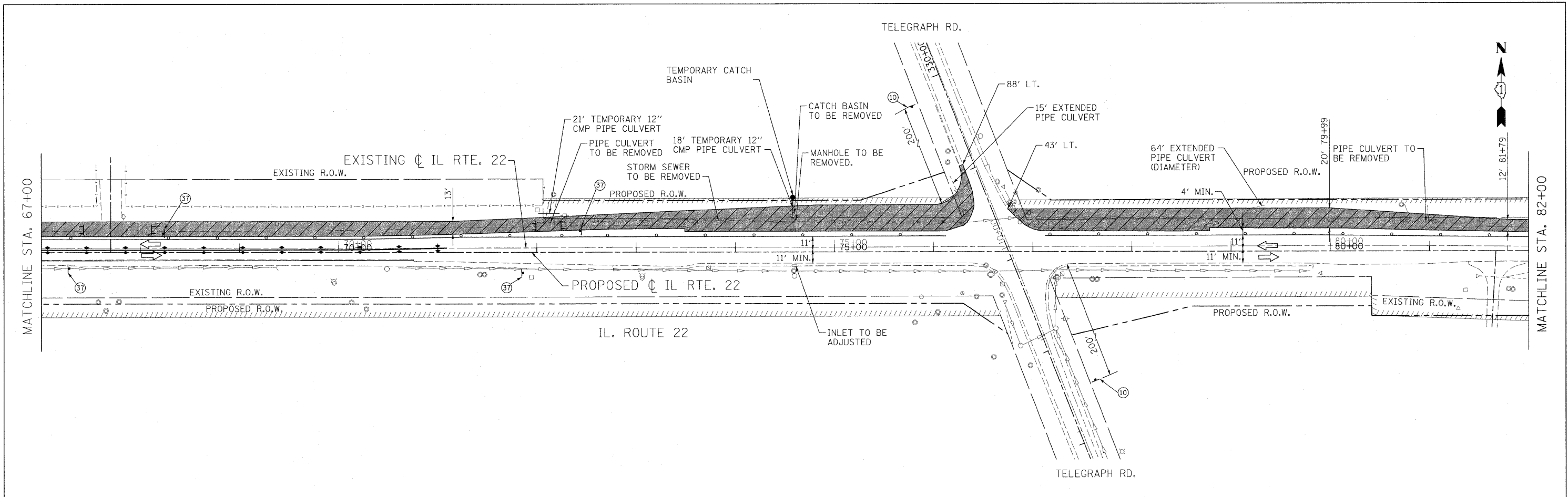
STAGE 4

STA. ±328+09 TO STA. ±337+53

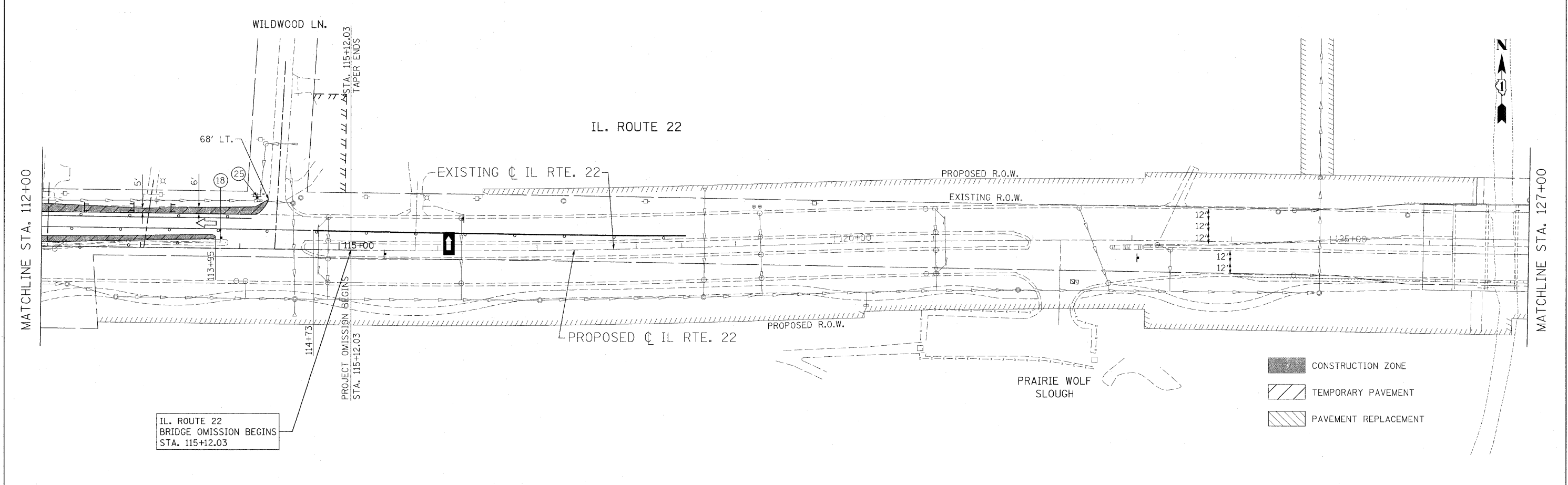
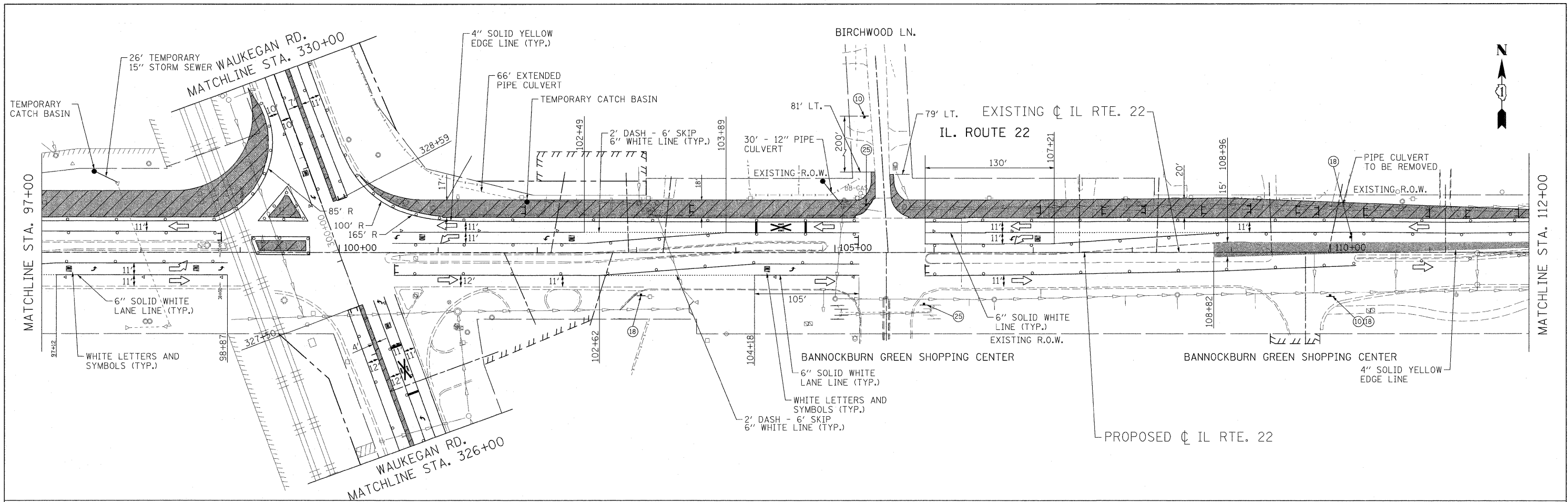
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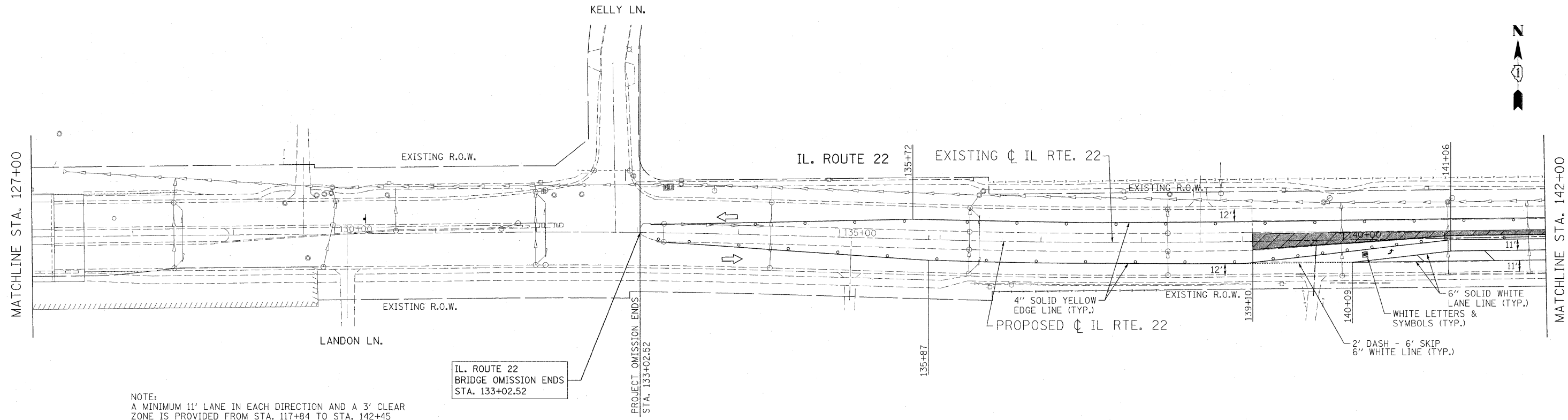
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PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISD -	REVISD -		[ILLINOIS] FED. AID PROJECT							



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PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

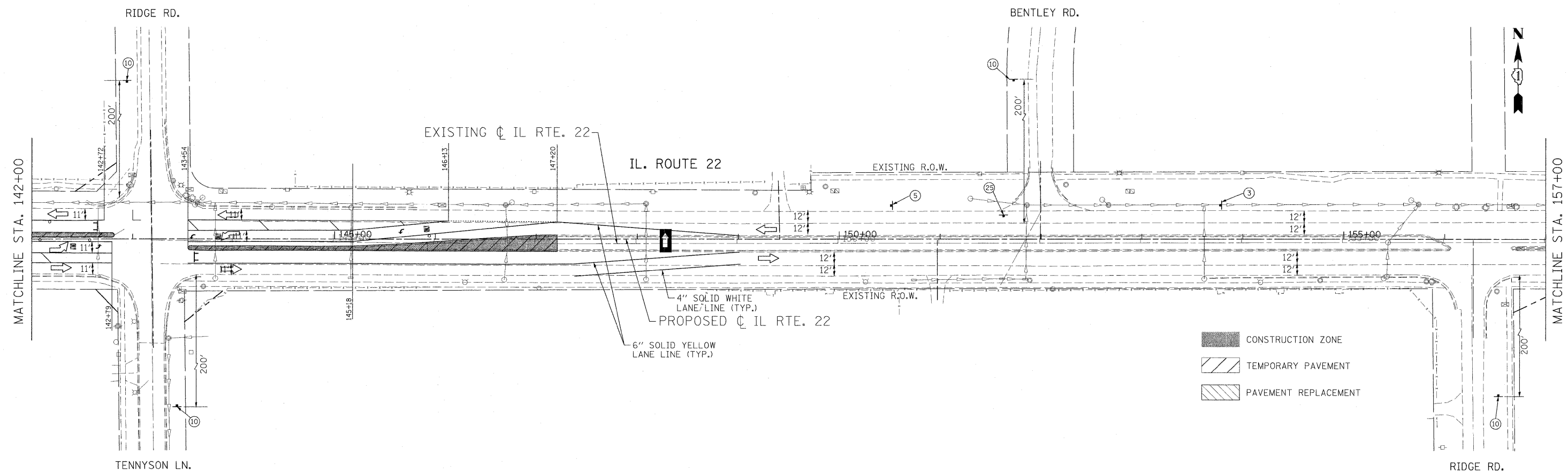


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PLOT SCALE = #SCALE# PLOT DATE = 5/15/2010		DATE - 05/14/2010	SCALE: 1"=50' SHEET NO. 45 OF 232 SHEETS STA. 97+00.00 TO STA. 127+00.00			CONTRACT NO. 60860 ILLINOIS FED. AID PROJECT						



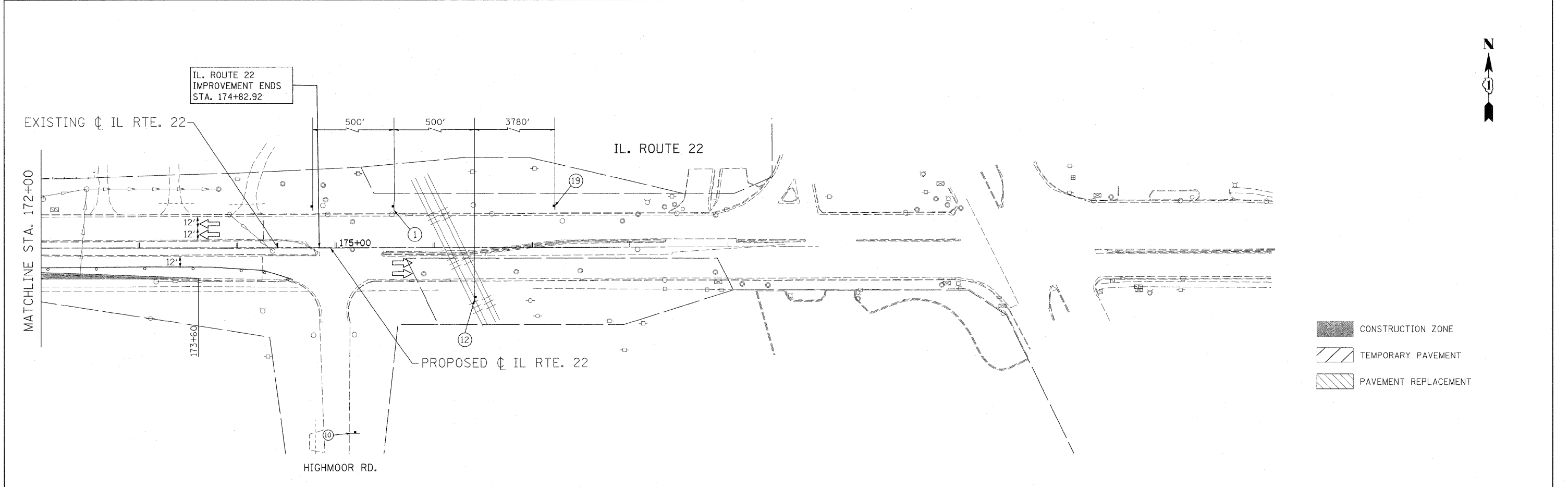
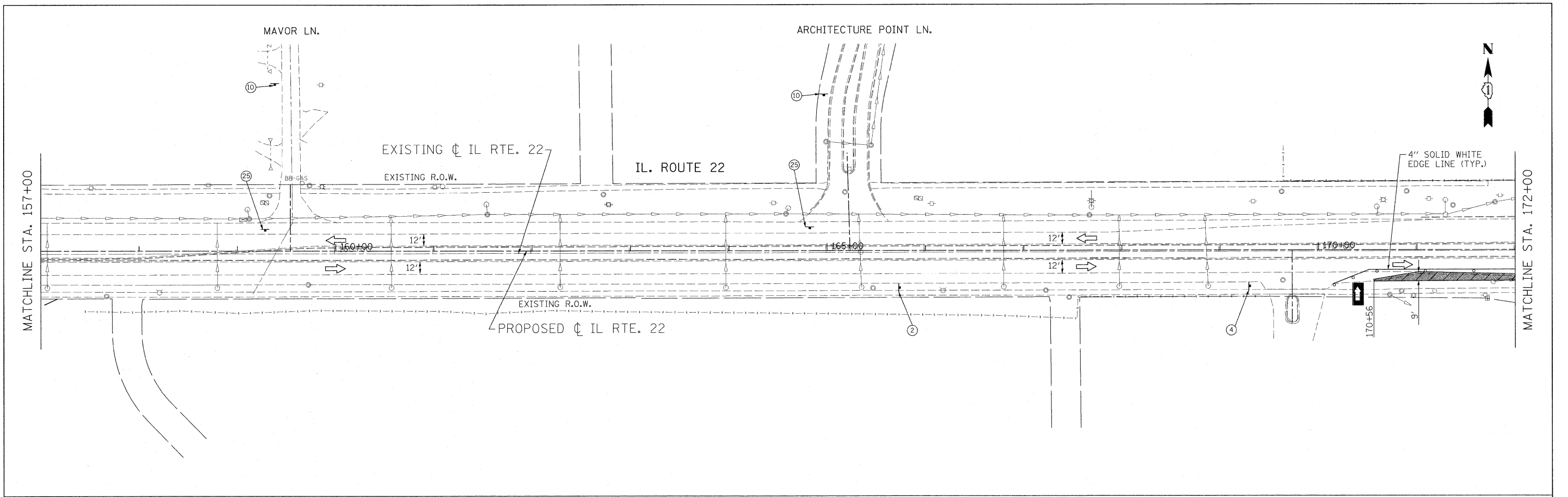
NOTE:
A MINIMUM 11' LANE IN EACH DIRECTION AND A 3' CLEAR ZONE IS PROVIDED FROM STA. 117+84 TO STA. 142+45

IL. ROUTE 22
BRIDGE OMISSION ENDS
STA. 133+02.52

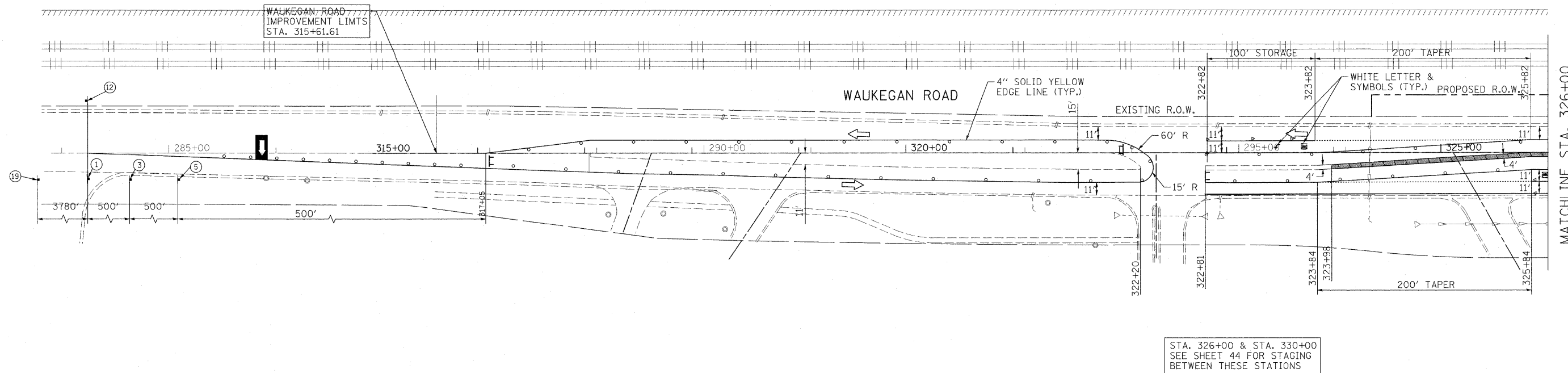


- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

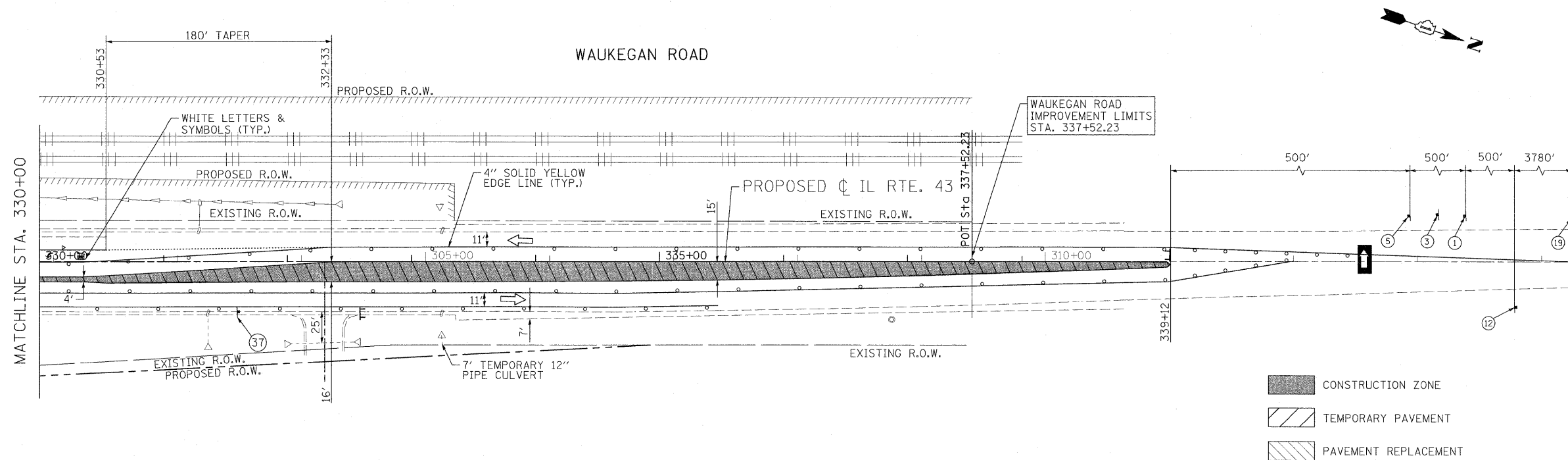
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PLOT SCALE = #SCALE#	CHECKED - JP	DATE - 05/14/2010	REVISIONS -		SCALE: 1"=50'	SHEET NO. 46 OF 232 SHEETS	STA. 127+00.00 TO STA. 157+00.00	CONTRACT NO. 60860				
PLOT DATE = 5/15/2010					ILLINOIS FED. AID PROJECT							



FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\168860-sht-staging1.dgn	USER NAME = #USER# D168860	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 1		F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 47	
	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 47 OF 232 SHEETS	STA. 157+00.00 TO STA. 174+82.92	CONTRACT NO. 60860		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -									

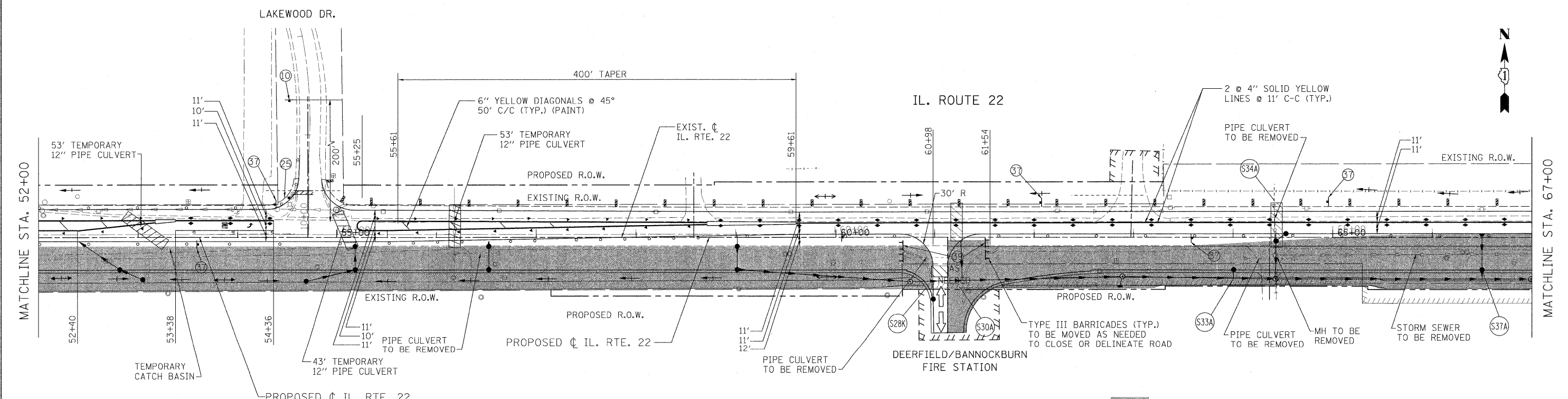
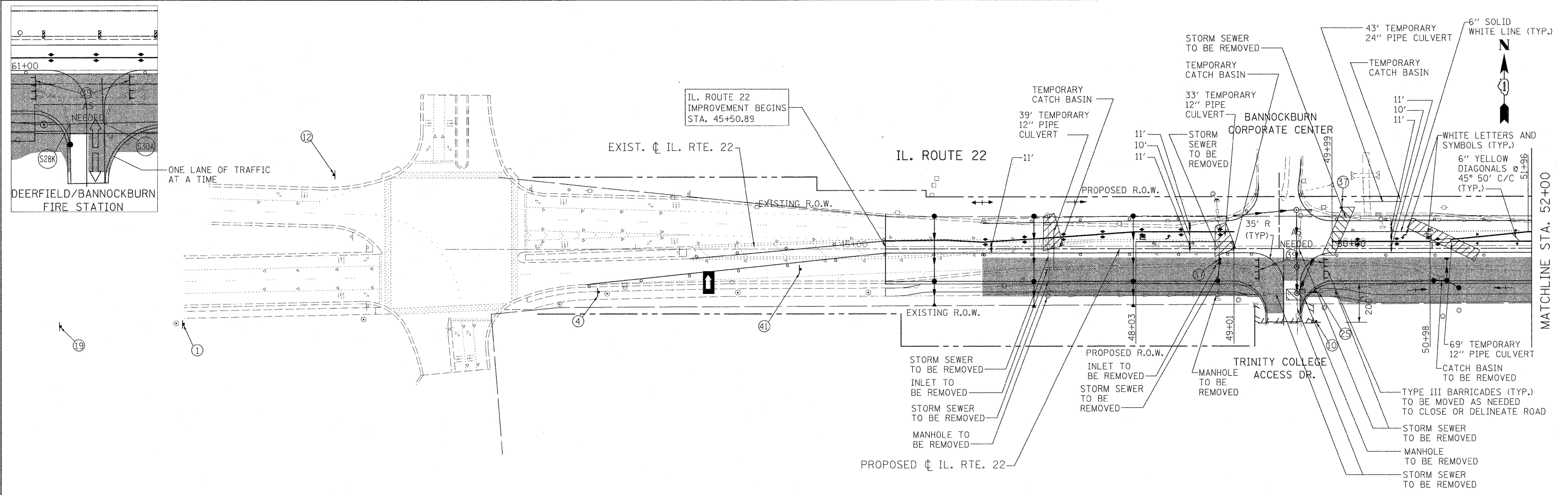


STA. 326+00 & STA. 330+00
SEE SHEET 44 FOR STAGING
BETWEEN THESE STATIONS



- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

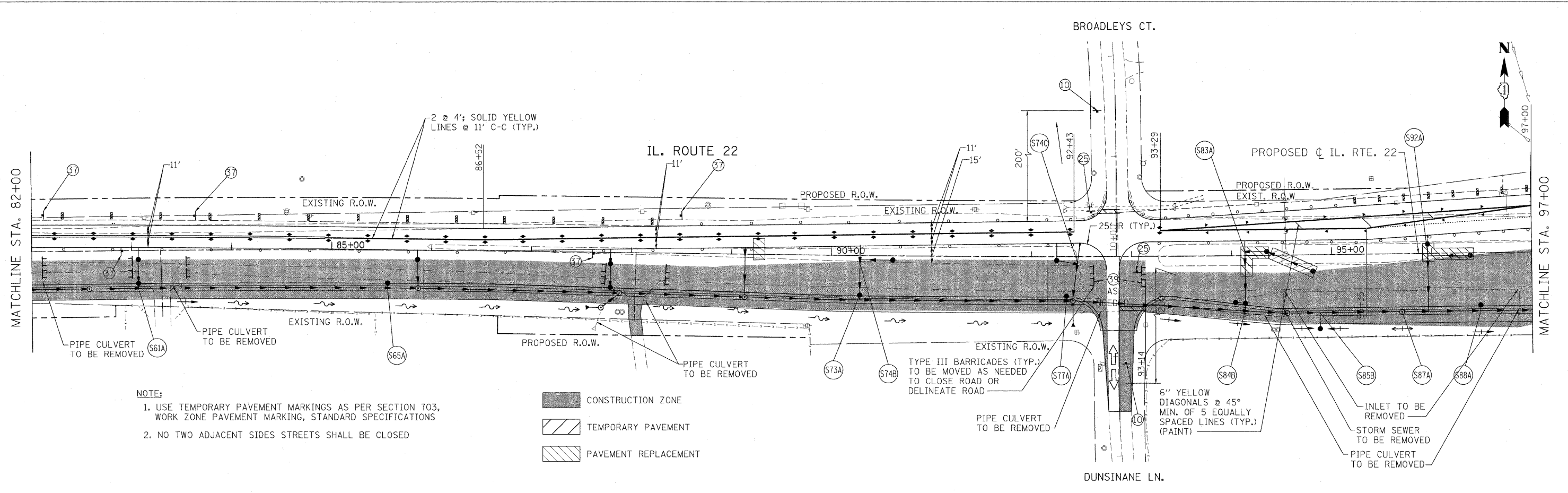
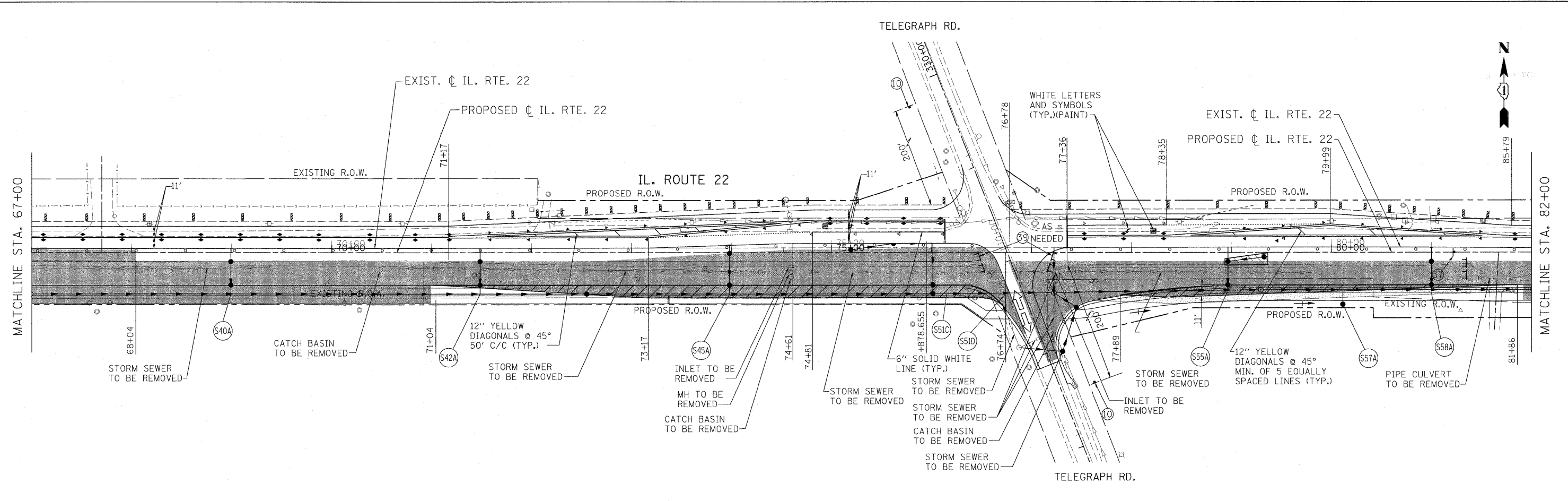
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PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -	REVISED -		SCALE: 1"=50'	SHEET NO. 48 OF 232 SHEETS	STA. 315+61.61 TO STA. 337+52.23	CONTRACT NO. 60860				
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



NOTE:
 1. USE TEMPORARY PAVEMENT MARKINGS AS PER SECTION 703, WORK ZONE PAVEMENT MARKING, STANDARD SPECIFICATIONS
 2. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

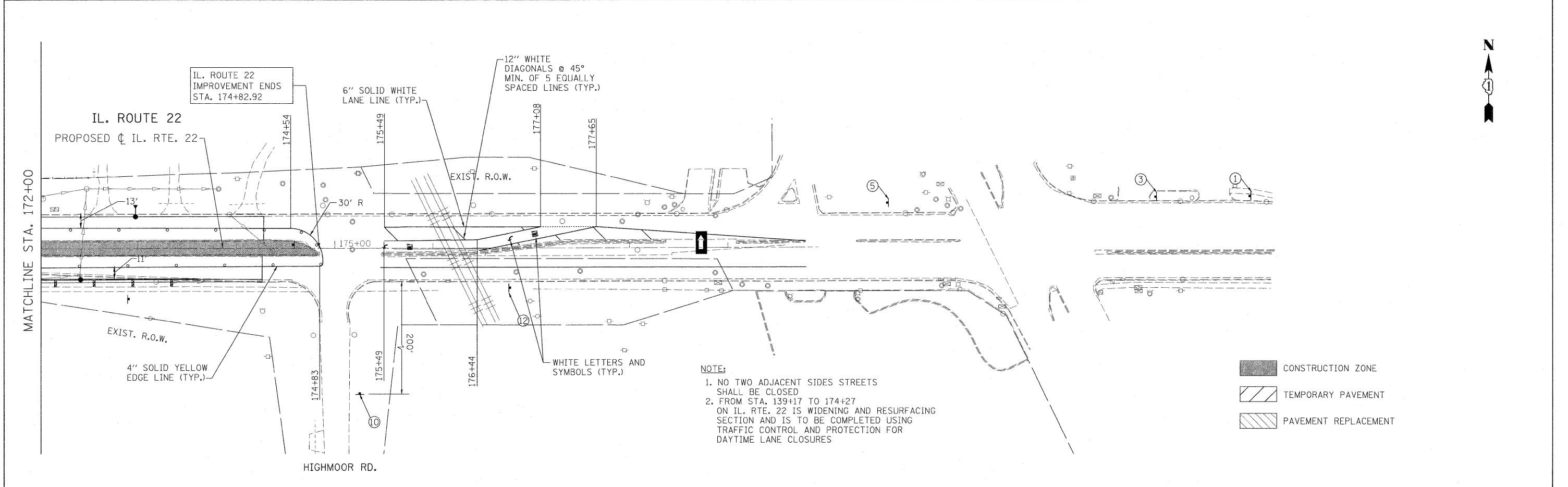
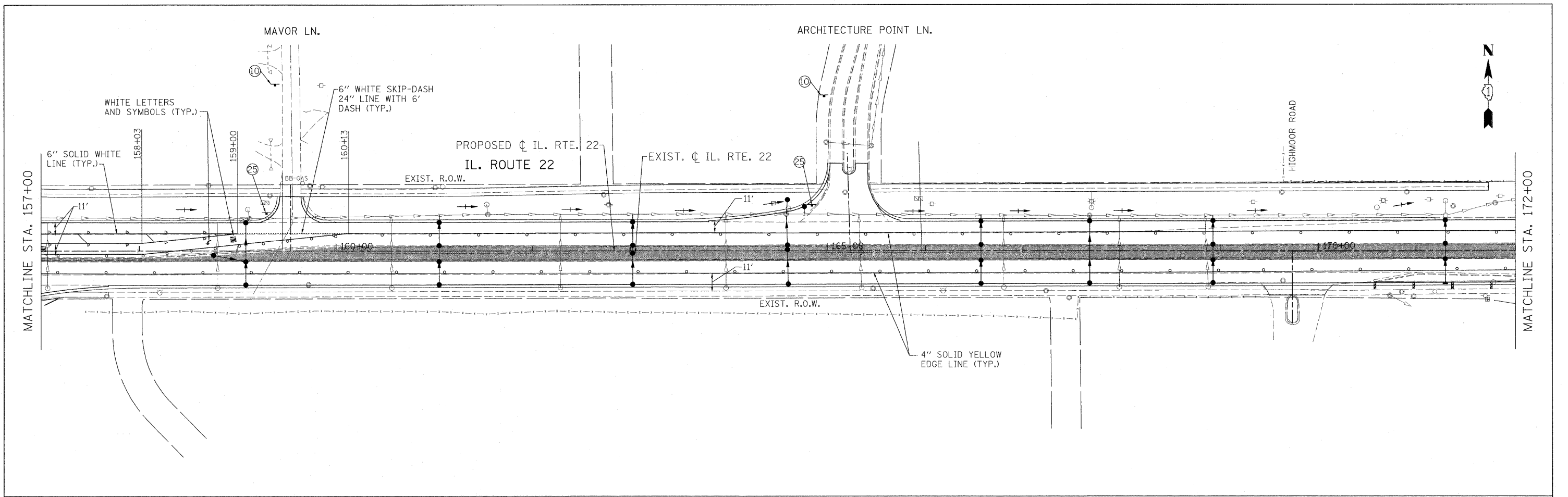
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PLOT SCALE = #SCALE#		CHECKED - JP	REVISED -		SCALE: 1"=50'			SHEET NO. 49 OF 232 SHEETS			STA. 45+50.89 TO STA. 67+00.00	
PLOT DATE = 5/15/2010		DATE - 05/14/2010	REVISED -		CONTRACT NO. 60860			ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60860												






NOTE:
 1. USE TEMPORARY PAVEMENT MARKINGS AS PER SECTION 703, WORK ZONE PAVEMENT MARKING, STANDARD SPECIFICATIONS
 2. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED

CONSTRUCTION ZONE
 TEMPORARY PAVEMENT
 PAVEMENT REPLACEMENT

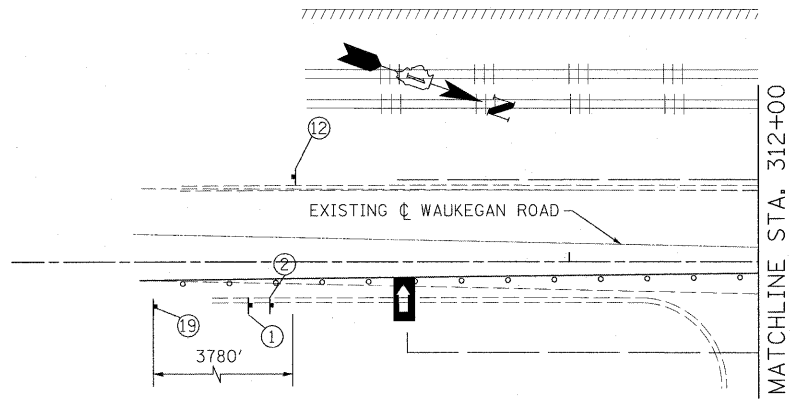
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PLOT SCALE = #SCALE#	CHECKED - JP	DATE - 05/14/2010	REVISIONS -		SCALE: 1"=50'	SHEET NO. 50 OF 232 SHEETS	STA. 67+00.00 TO STA. 97+00.00	CONTRACT NO. 60860				
PLOT DATE = 5/15/2010	CHECKED -	DATE -	REVISIONS -		ILLINOIS FED. AID PROJECT							



NOTE:
 1. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED
 2. FROM STA. 139+17 TO 174+27 ON IL. RTE. 22 IS WIDENING AND RESURFACING SECTION AND IS TO BE COMPLETED USING TRAFFIC CONTROL AND PROTECTION FOR DAYTIME LANE CLOSURES

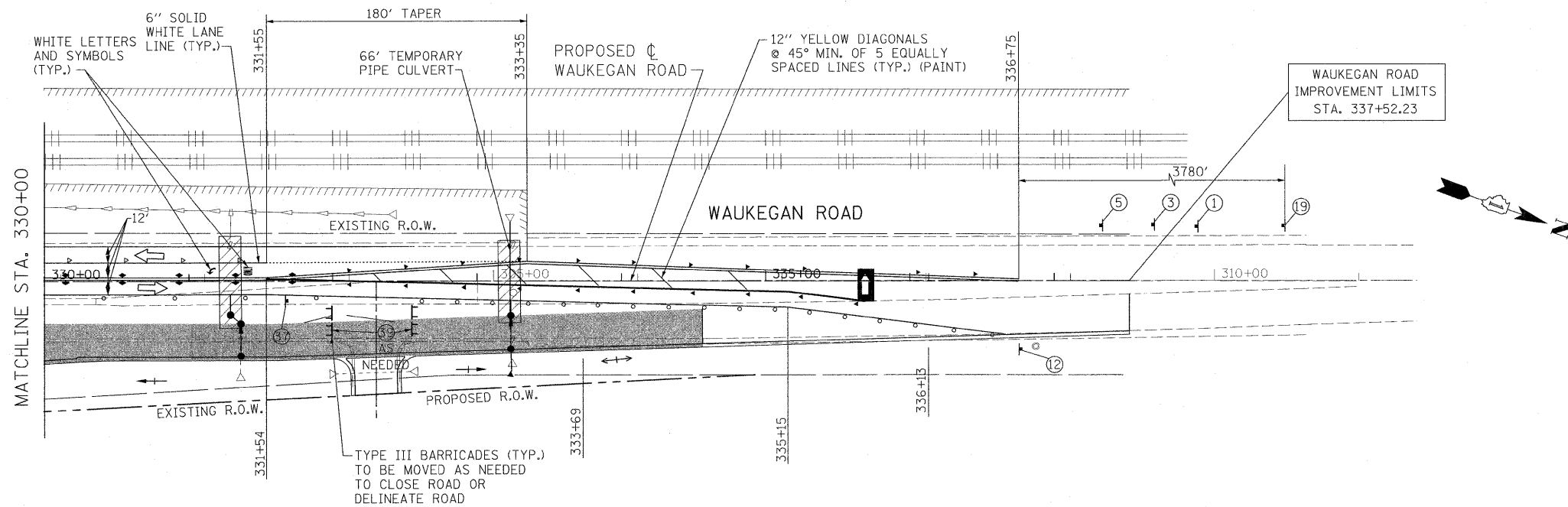
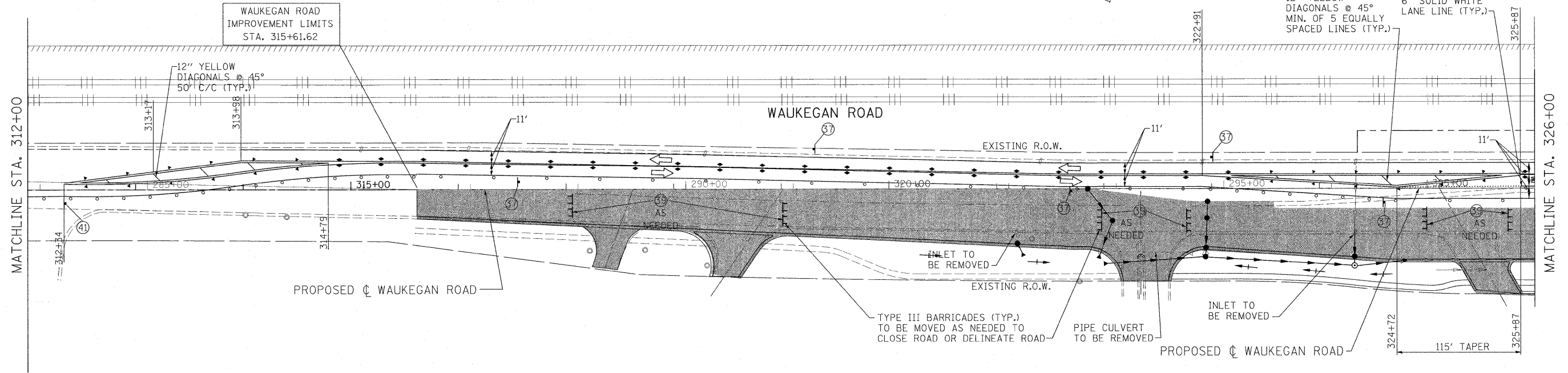
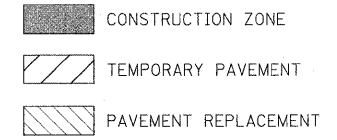
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  PAVEMENT REPLACEMENT

FILE NAME = W:\ILRTE22\2009 REVISIONS\CA00 Sheets\160860-shr-staging2.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 2		F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 53
	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 53 OF 232 SHEETS	STA. 157+00.00 TO STA. 174+82.92	CONTRACT NO. 60860 ILLINOIS FED. AID PROJECT			
PLOT DATE = 5/15/2010		DATE - 05/14/2010	REVISED -								

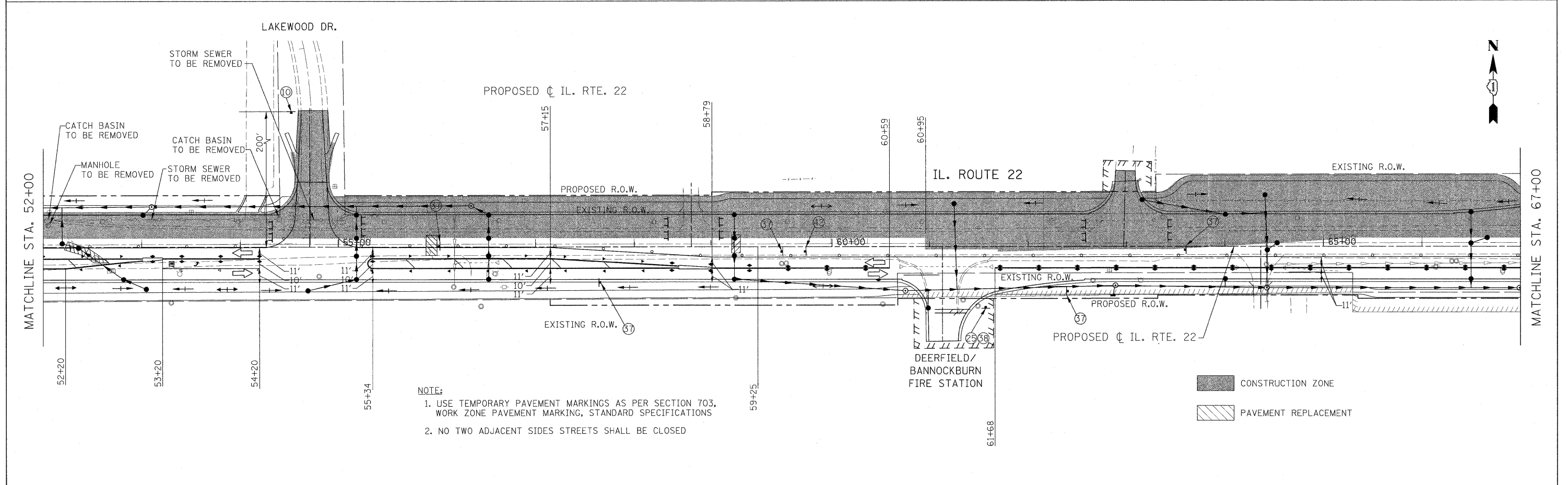
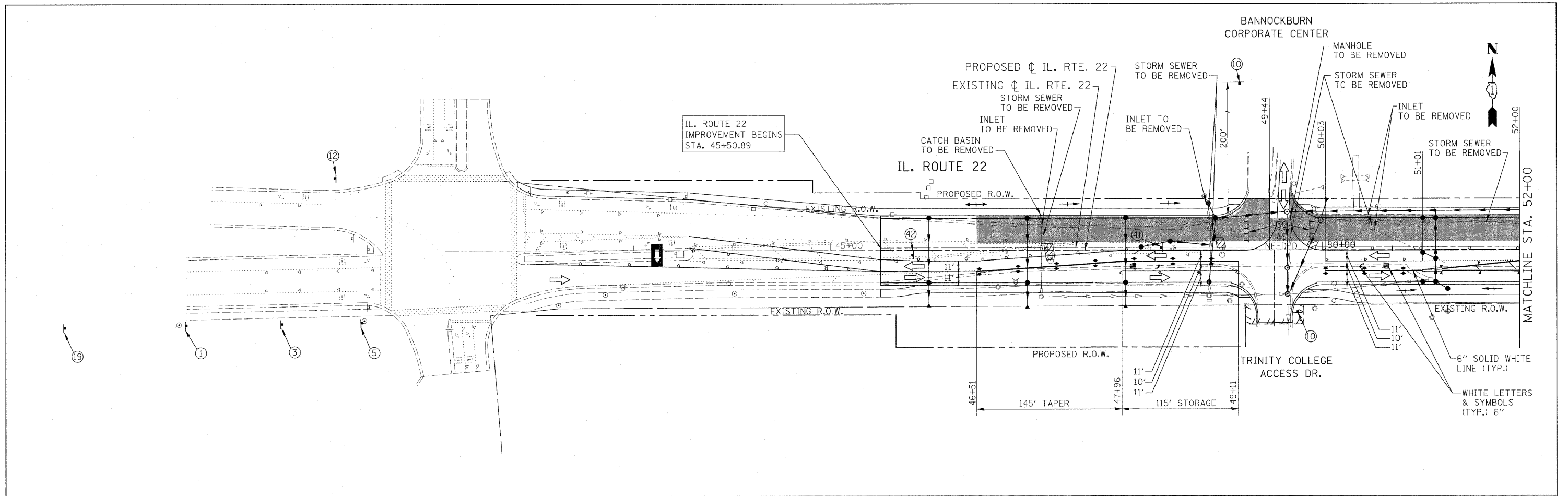


NOTE:

1. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED.
2. FROM STA. 315+61.61 TO STA. 324+35.31 AND FROM STA. 334+55.90 TO STA. 337+52.22 ON IL. RTE. 43 (WAUKEGAN ROAD) IS WIDENING AND RESURFACING SECTION AND IS TO BE COMPLETED USING TRAFFIC CONTROL AND PROTECTION FOR DAYTIME LANE CLOSURES.

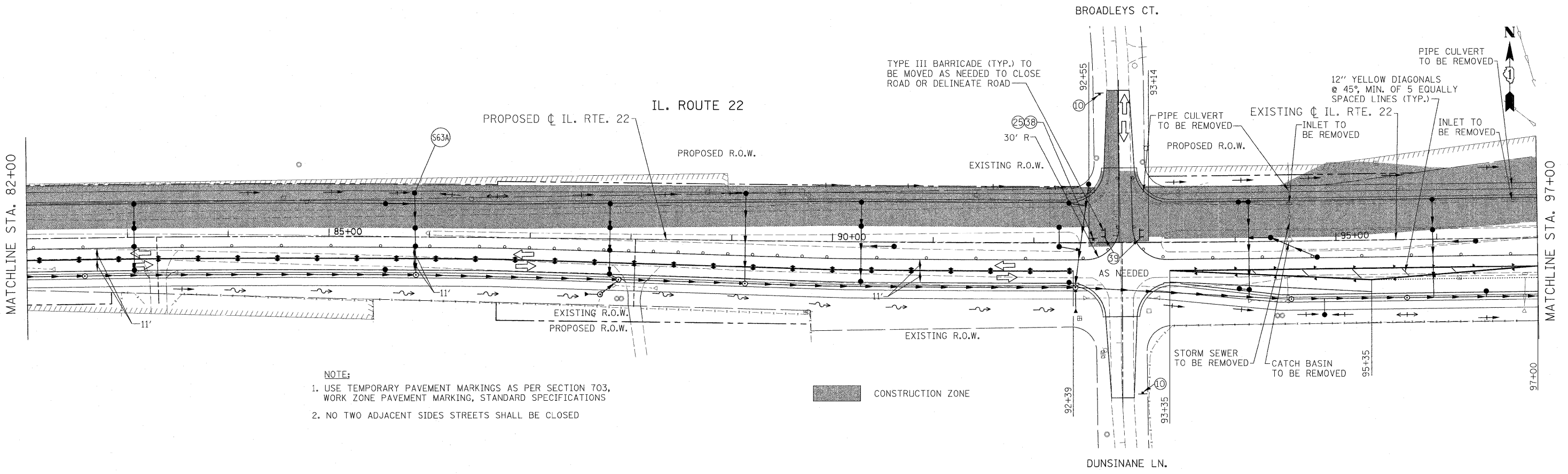
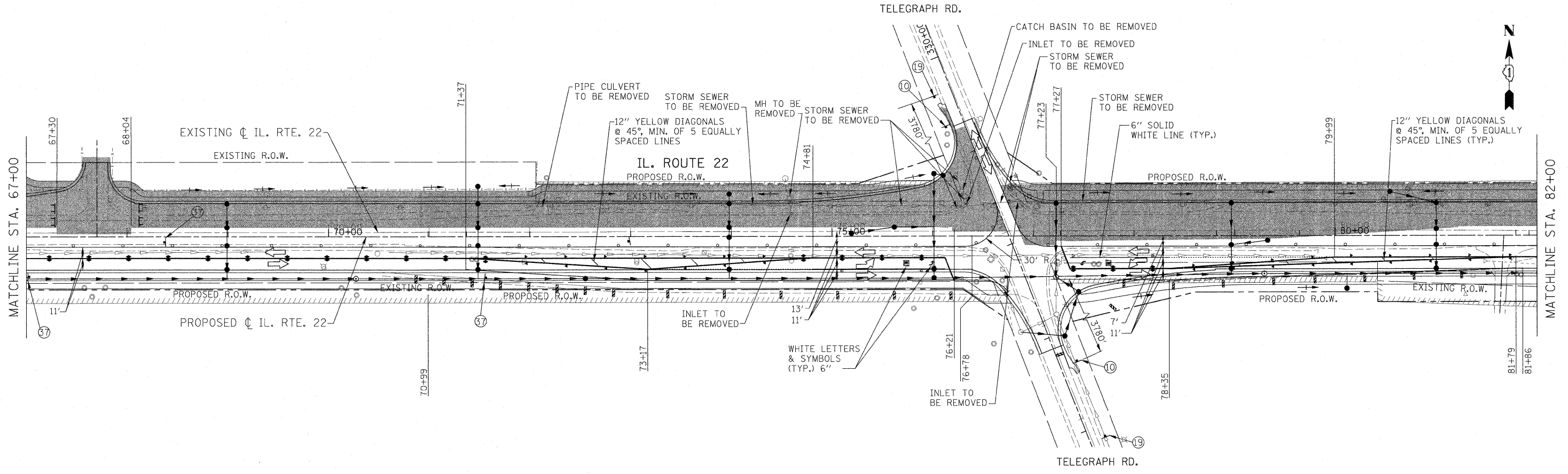


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	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 54 OF 232 SHEETS	STA. 315+61.61 TO STA. 337+52.23	CONTRACT NO. 60860				
PLOT DATE = 5/15/2010	DATE = 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



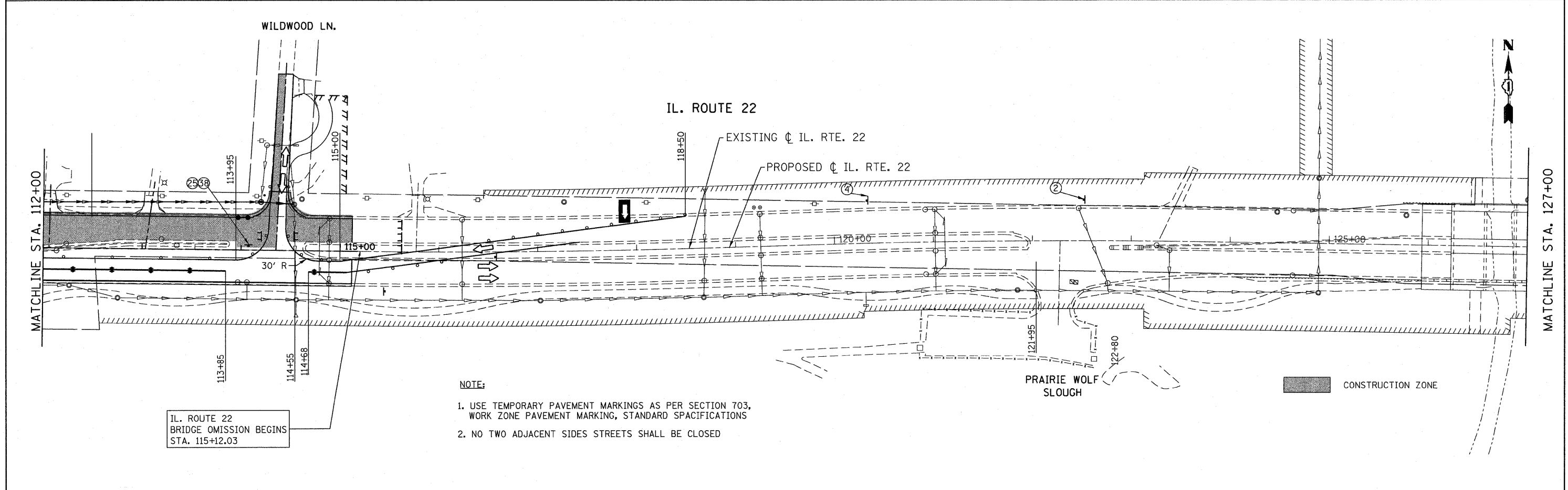
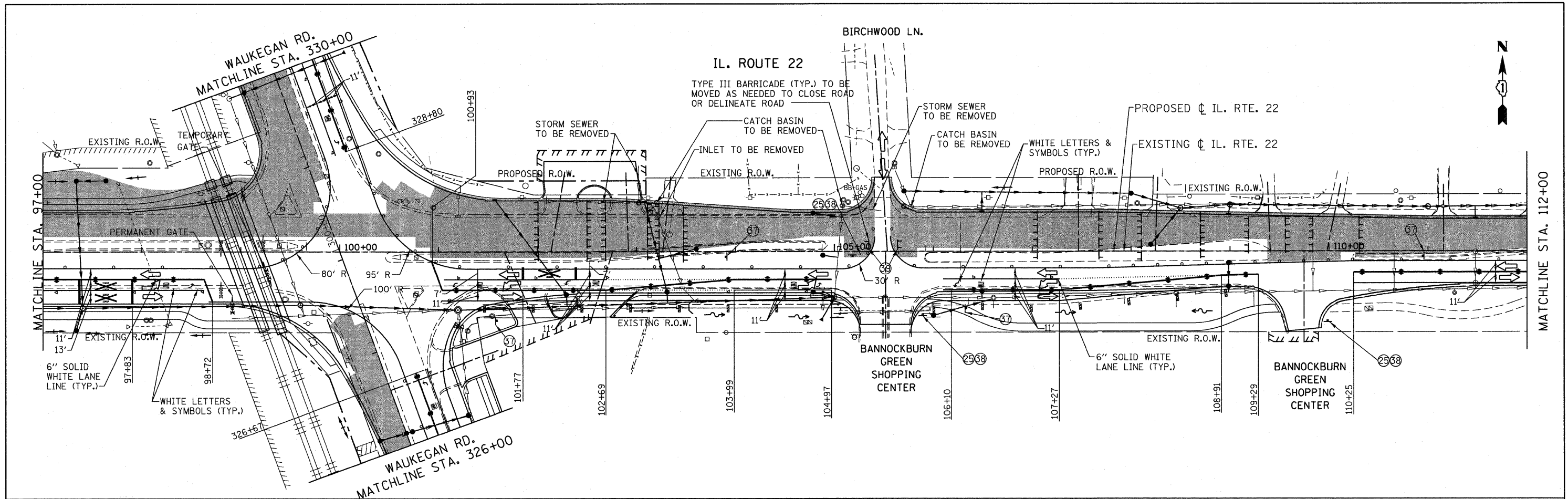
NOTE:
 1. USE TEMPORARY PAVEMENT MARKINGS AS PER SECTION 703, WORK ZONE PAVEMENT MARKING, STANDARD SPECIFICATIONS
 2. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\168060-sht-staging3.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 3			F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 55
PLOT SCALE = #SCALE#	DRAWN - DC	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 55 OF 232 SHEETS	STA. 45+50.89 TO STA. 67+00.00	CONTRACT NO. 60860				
PLOT DATE = 5/15/2010	DATE - 05/14/2010				ILLINOIS FED. AID PROJECT							



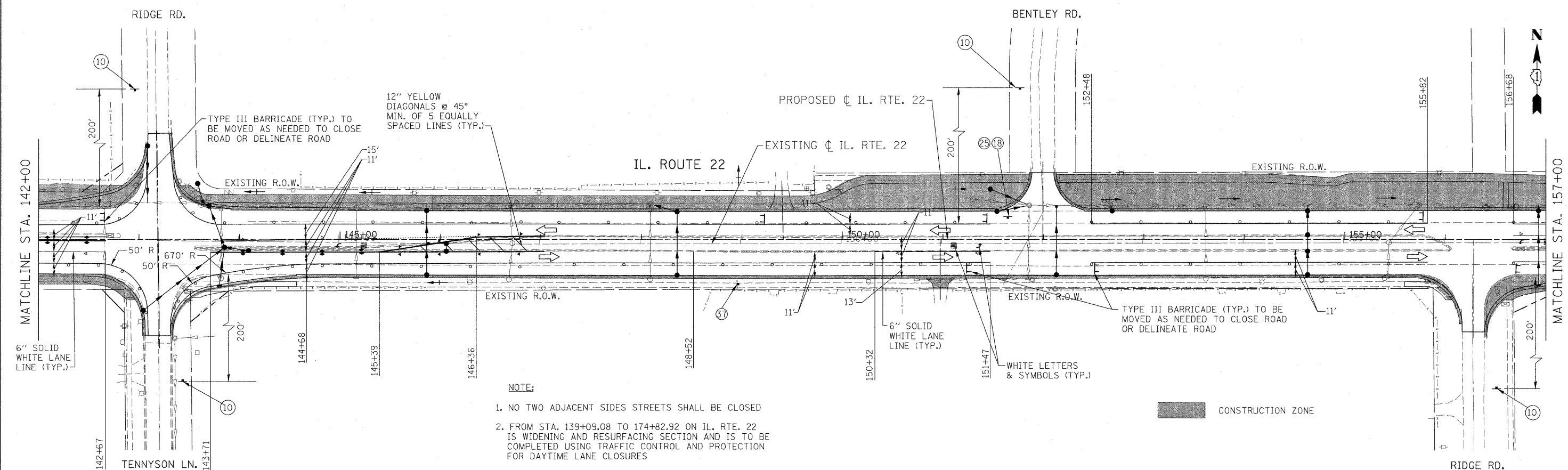
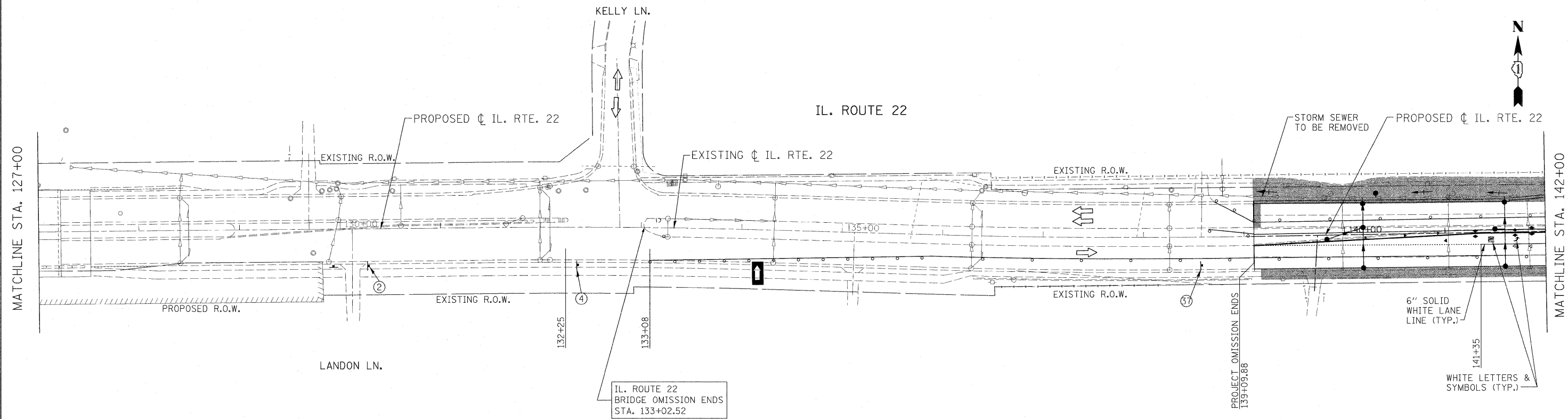
NOTE:
 1. USE TEMPORARY PAVEMENT MARKINGS AS PER SECTION 703, WORK ZONE PAVEMENT MARKING, STANDARD SPECIFICATIONS
 2. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\160860-sht-staging3.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 3			F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 56
PLOT SCALE = #SCALE#	CHECKED - JP	DATE - 05/14/2010	REVISED -		SCALE: 1"=50'	SHEET NO. 56 OF 232 SHEETS	STA. 67+00.00 TO STA. 97+00.00	CONTRACT NO. 60860				
PLOT DATE = 5/15/2010					ILLINOIS FED. AID PROJECT							

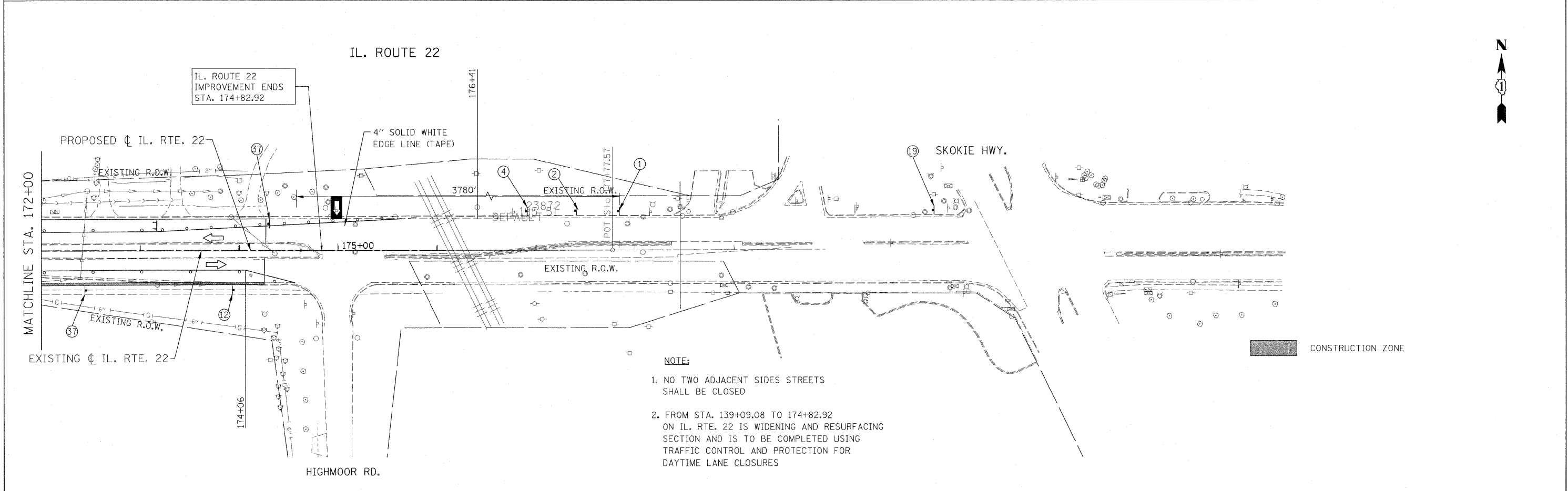
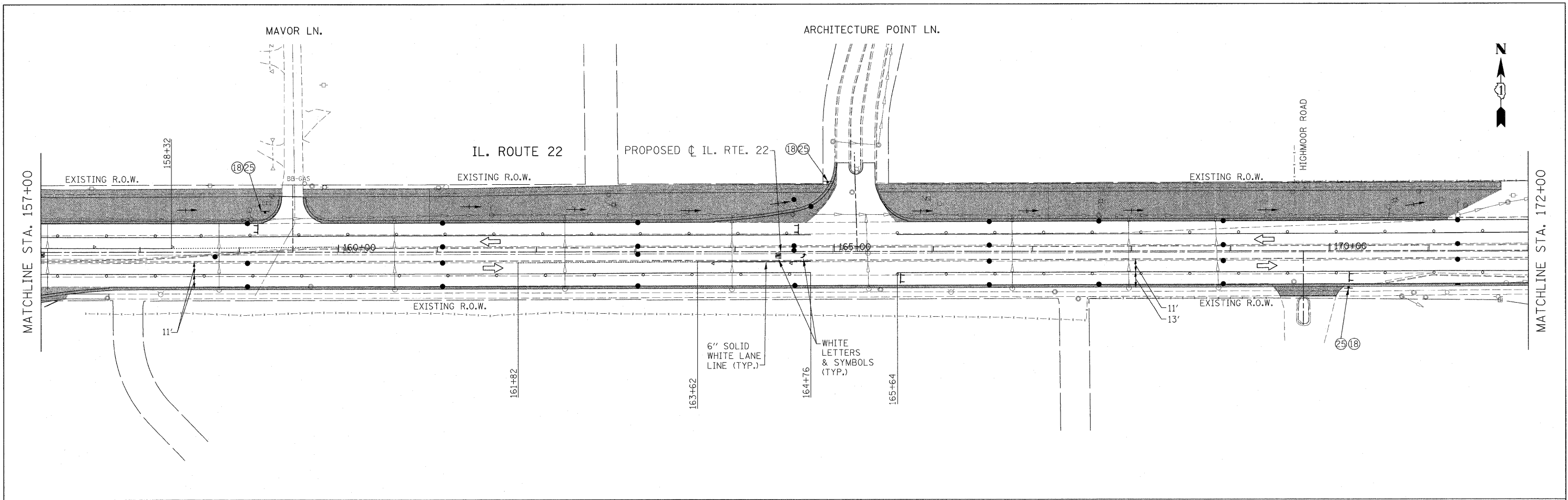


- NOTE:**
1. USE TEMPORARY PAVEMENT MARKINGS AS PER SECTION 703, WORK ZONE PAVEMENT MARKING, STANDARD SPECIFICATIONS
 2. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\revised sheets\DI00060-shit-staging3.dgn	USER NAME = pociacha	DESIGNED - LP	REVISED - 07/26/2010	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 3			F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 57
PLOT SCALE = 50.000' / IN.	CHECKED - JP	DATE - 05/14/2010	REVISED -		SCALE: 1"=50'	SHEET NO. 57 OF 232 SHEETS	STA. 97+00.00 TO STA. 127+00.00	CONTRACT NO. 60860				
PLOT DATE = 7/26/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



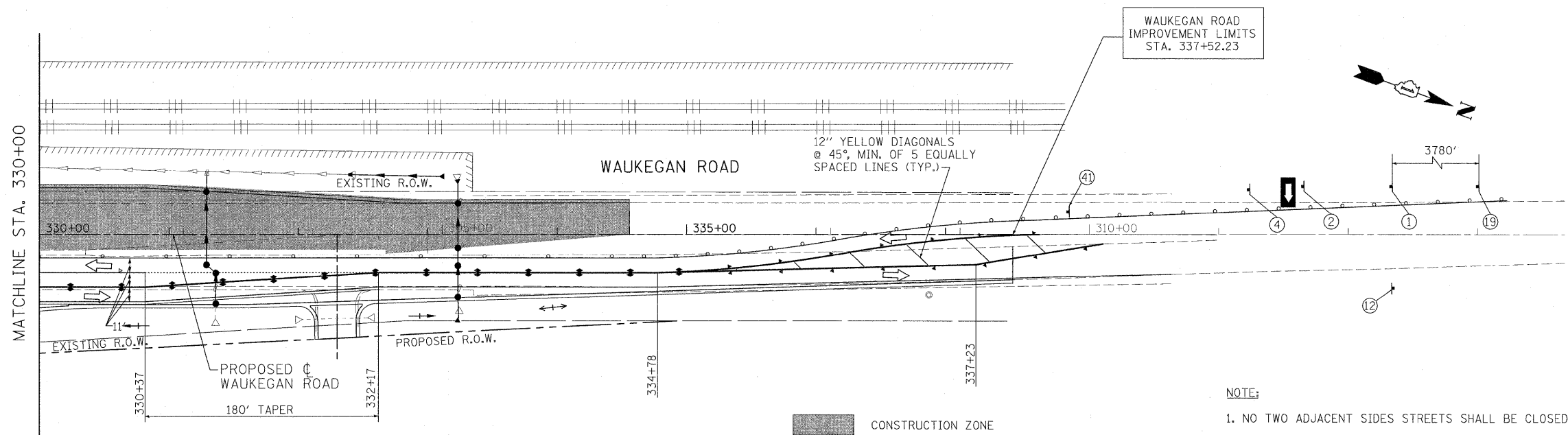
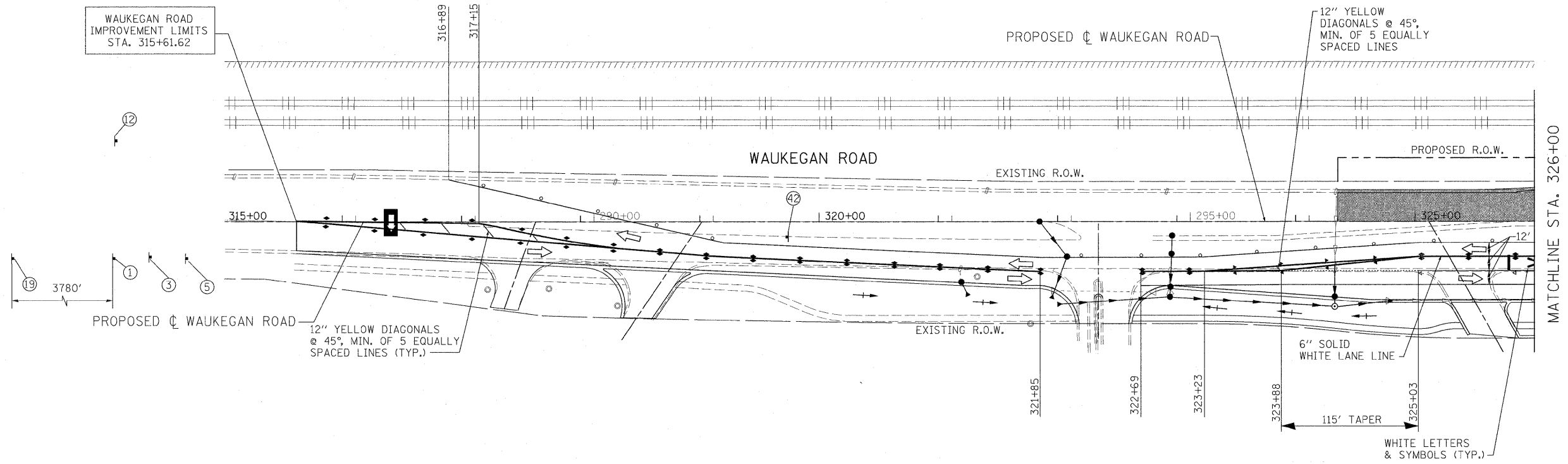
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PLOT SCALE = #SCALE#	DRAWN - DC	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 58 OF 232 SHEETS	STA. 127+00.00 TO STA. 157+00.00	CONTRACT NO. 60860		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -									



NOTE:

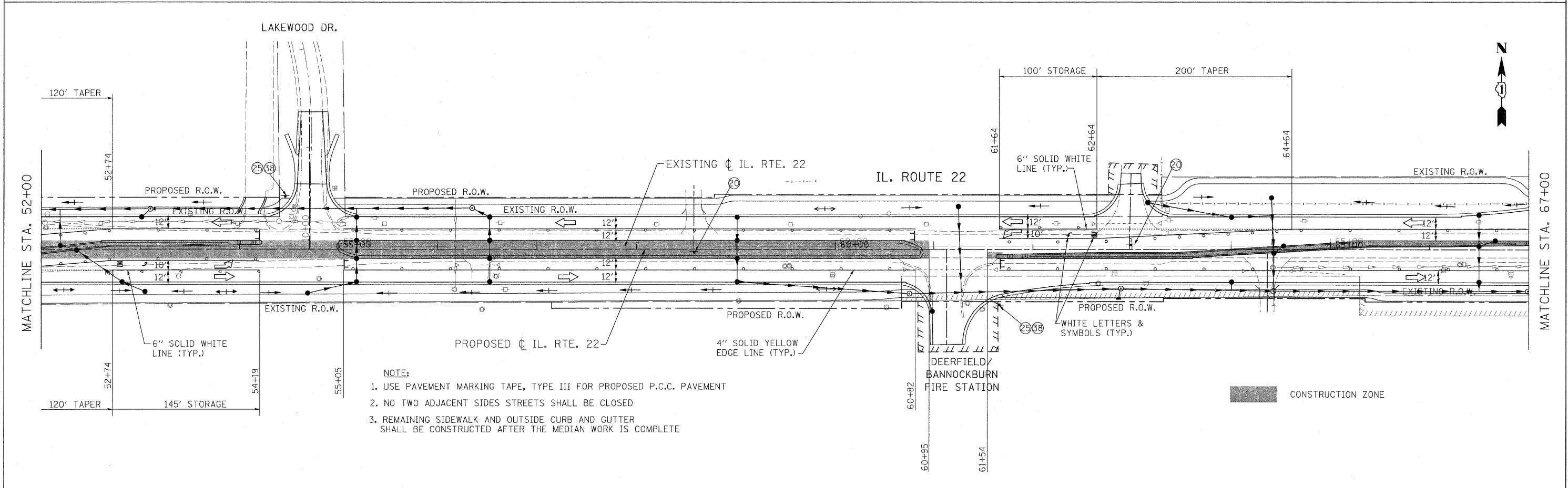
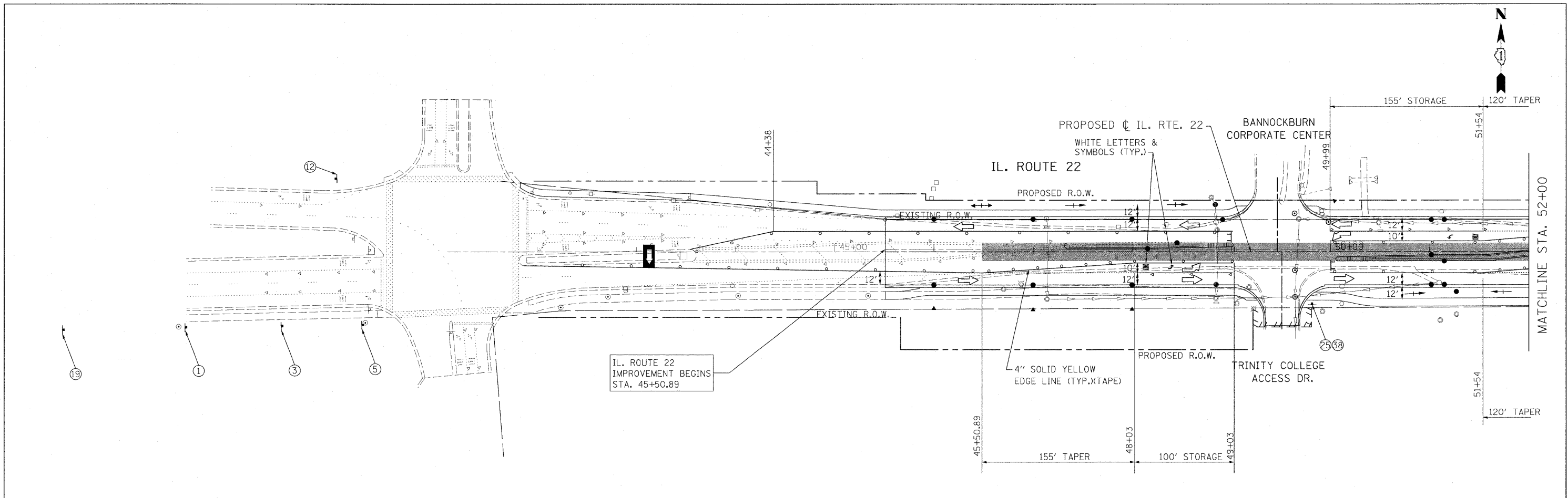
1. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED
2. FROM STA. 139+09.08 TO 174+82.92 ON IL. RTE. 22 IS WIDENING AND RESURFACING SECTION AND IS TO BE COMPLETED USING TRAFFIC CONTROL AND PROTECTION FOR DAYTIME LANE CLOSURES

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\160860-shr-staging3.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 3		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		337	20R-4	LAKE	232	59	CONTRACT NO. 60860	
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -	SCALE: 1"=50'		SHEET NO. 59 OF 232 SHEETS		STA. 157+00.00 TO STA. 174+82.92		ILLINOIS FED. AID PROJECT	



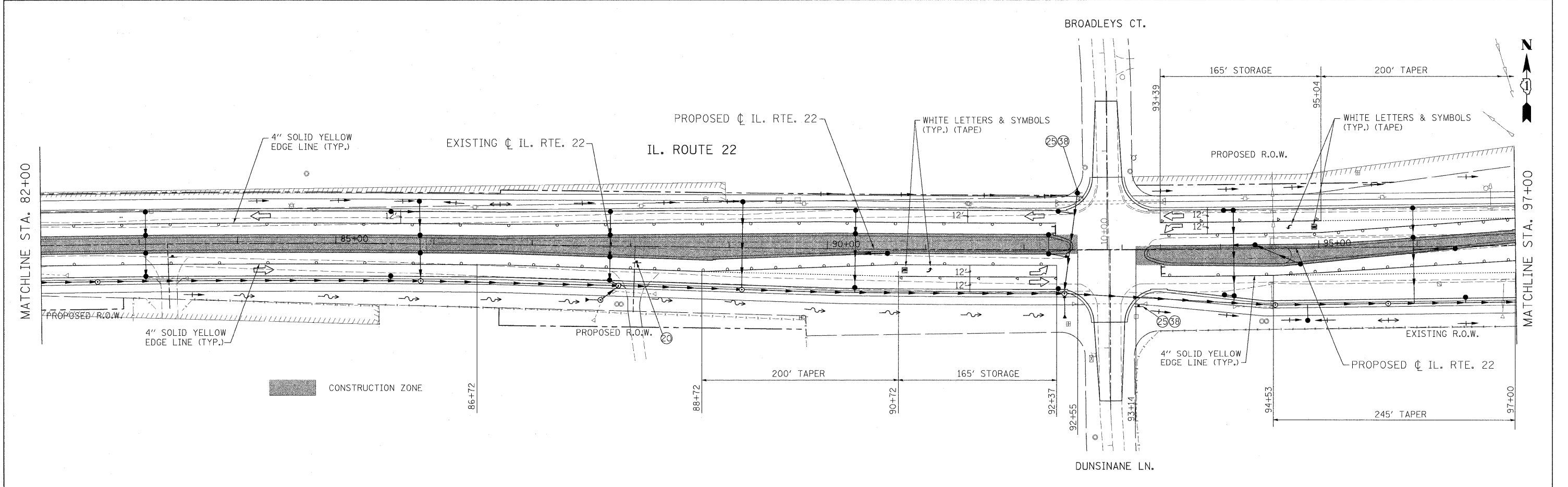
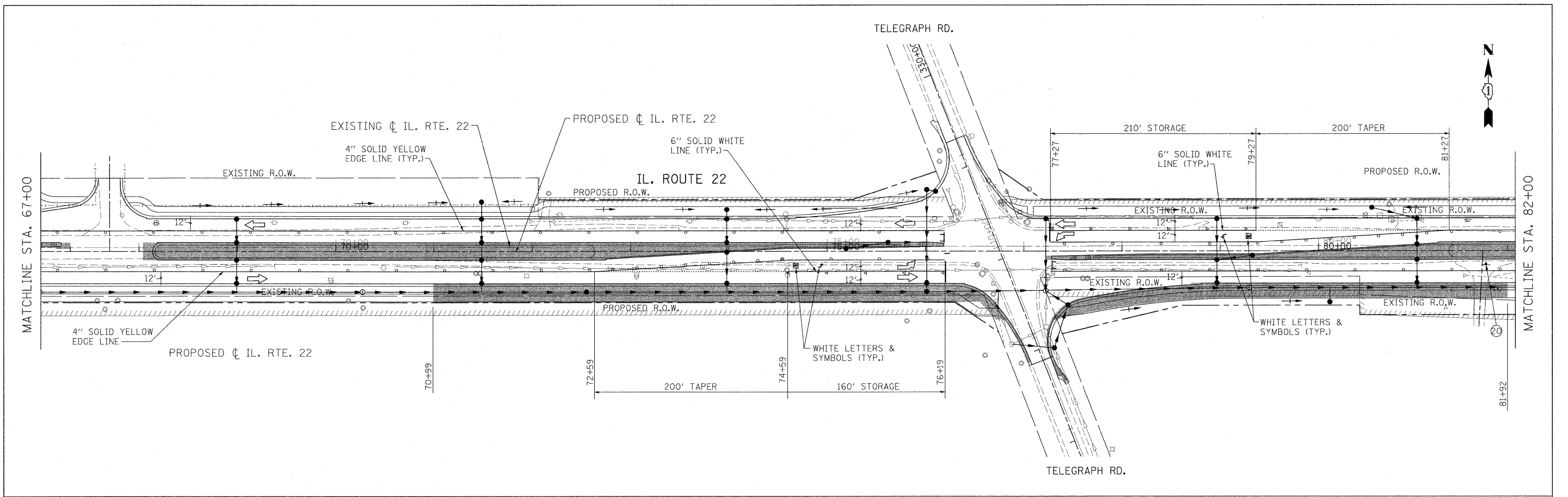
- NOTE:**
1. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED.
 2. FROM STA. 315+61.61 TO STA. 324+35.31 AND FROM STA. 334+55.90 TO STA. 337+52.23 ON IL. RTE. 43 (WAUKEGAN ROAD) IS WIDENING AND RESURFACING SECTION AND IS TO BE COMPLETED USING TRAFFIC CONTROL AND PROTECTION FOR DAYTIME LANE CLOSURES.

FILE NAME =	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WAUKEGAN ROAD MAINTENANCE OF TRAFFIC STAGE 3		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\ILRTE22\2009 REVISIONS\CADD Sheets\168860-sht-staging3-wauk.dgn	DRAWN - DC	REVISOR -	REVISOR -		337	20R-4	LAKE	232	60		
PLOT SCALE = #SCALE#	CHECKED - JP	REVISOR -	REVISOR -		SCALE: 1"=50'			SHEET NO. 60 OF 232 SHEETS		STA. 315+61.61 TO STA. 337+52.23	
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISOR -	REVISOR -		CONTRACT NO. 60860						

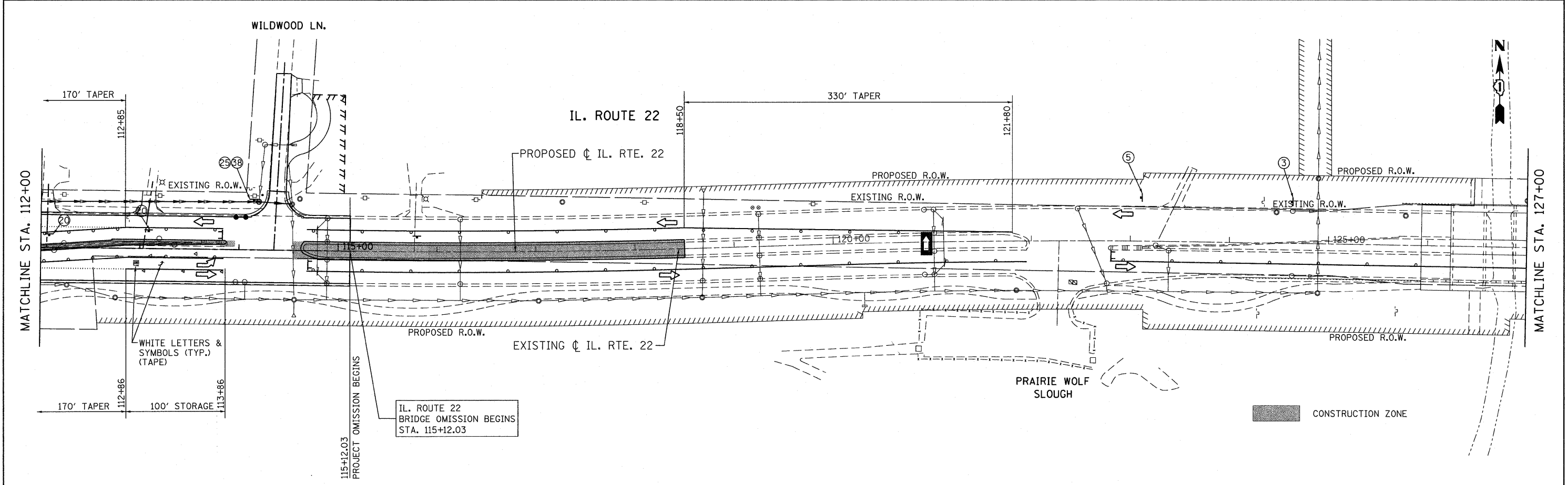
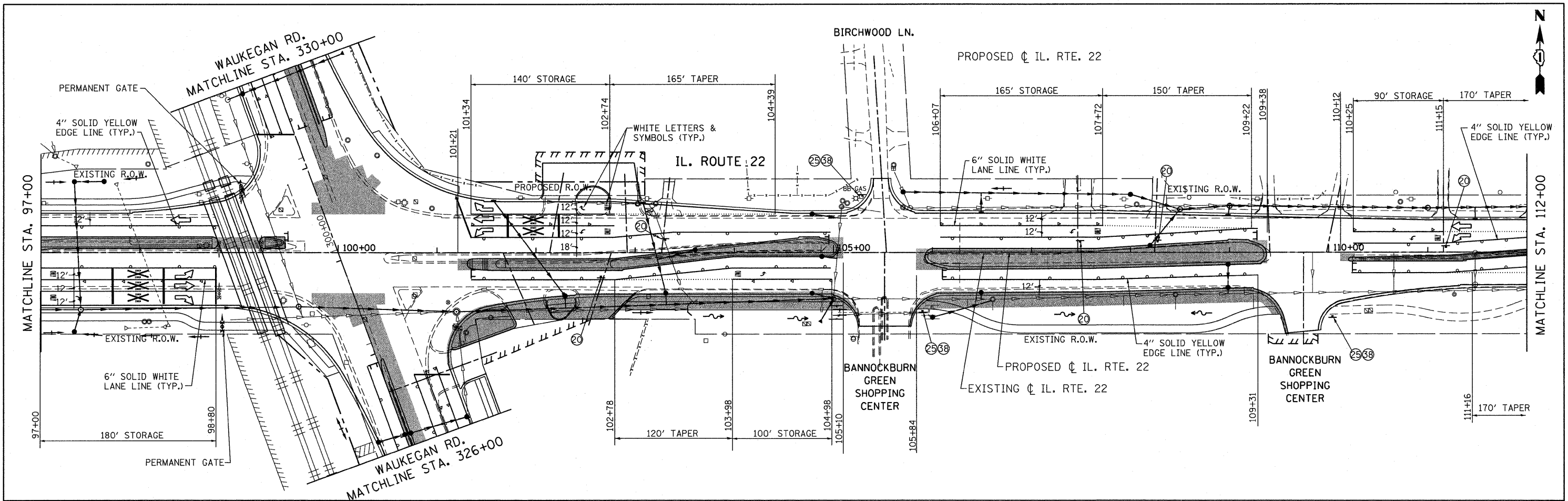


- NOTE:**
1. USE PAVEMENT MARKING TAPE, TYPE III FOR PROPOSED P.C.C. PAVEMENT
 2. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED
 3. REMAINING SIDEWALK AND OUTSIDE CURB AND GUTTER SHALL BE CONSTRUCTED AFTER THE MEDIAN WORK IS COMPLETE

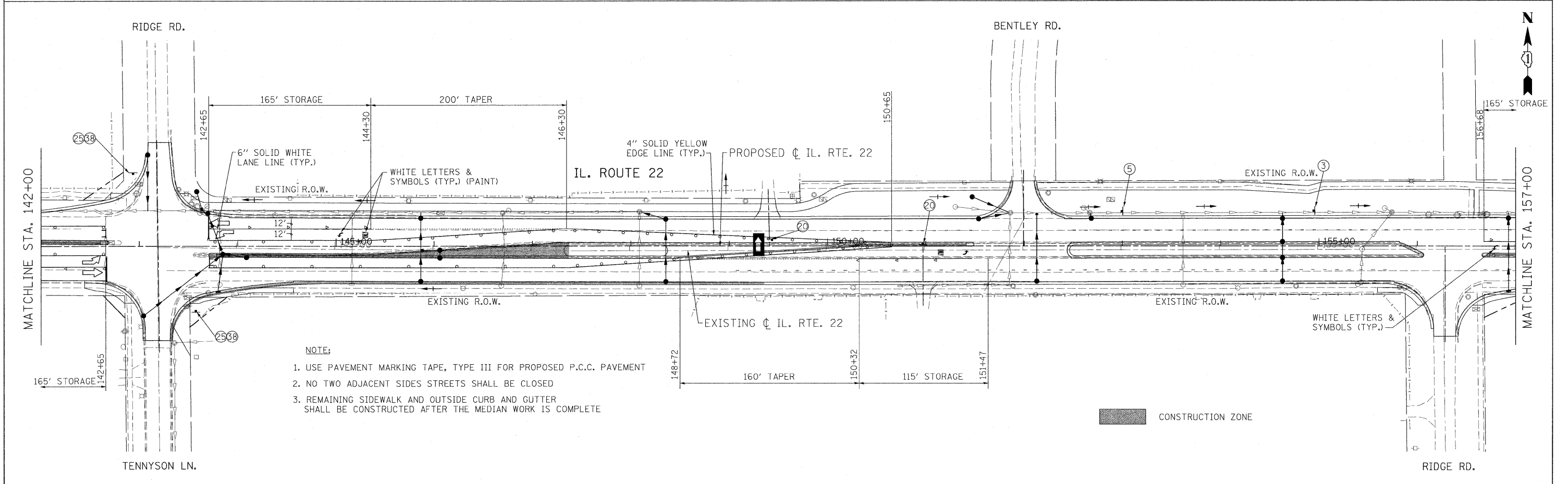
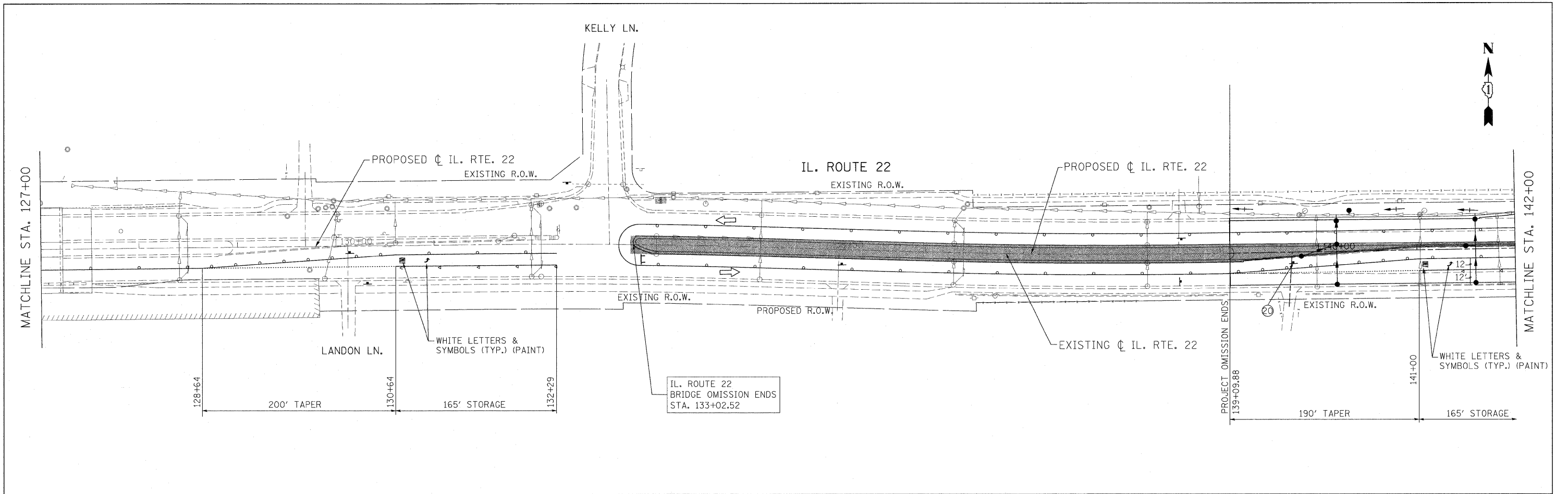
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	PLOT SCALE = #SCALE#	DRAWN - DC	REVISIONS -		SCALE: 1"=50'	SHEET NO. 61 OF 232 SHEETS	STA. 45+50.89 TO STA. 67+00.00	CONTRACT NO. 60860		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/15/2010	CHECKED - JP	REVISIONS -								
		DATE - 05/14/2010	REVISIONS -								



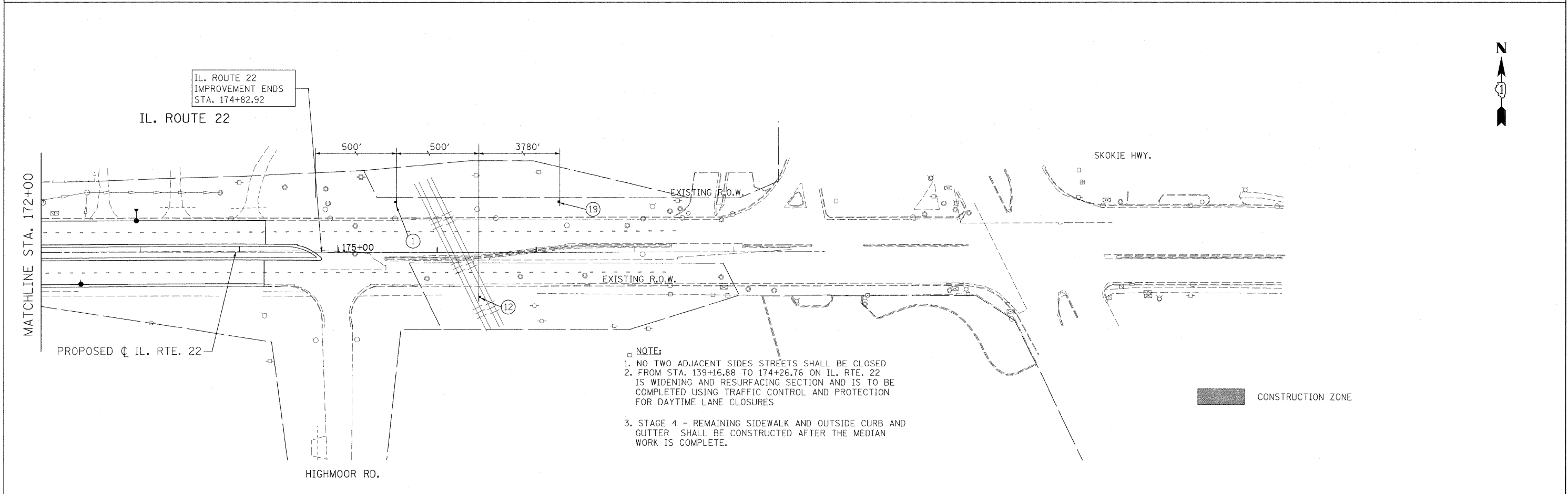
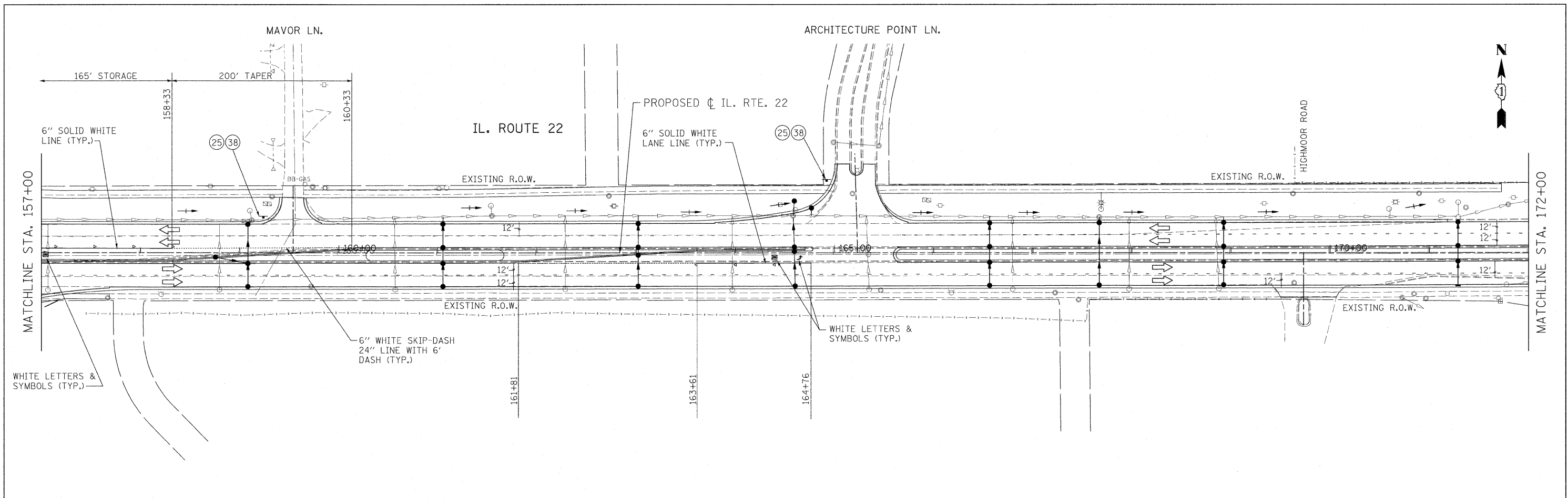
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	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 62 OF 232 SHEETS	STA. 67+00.00 TO STA. 97+00.00	CONTRACT NO. 60860		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -									



FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\	USER NAME = pccocha	DESIGNED - LP	REVISED - 07/26/2010	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 4		F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 63	
revised sheets\168868-ah- staging4.dgn	DRAWN - DC	CHECKED - JP	DATE - 05/14/2010		SCALE: 1"=50'	SHEET NO. 63 OF 232 SHEETS	STA. 97+00.00 TO STA. 127+00.00	CONTRACT NO. 60860				
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PLOT DATE = 7/28/2010												

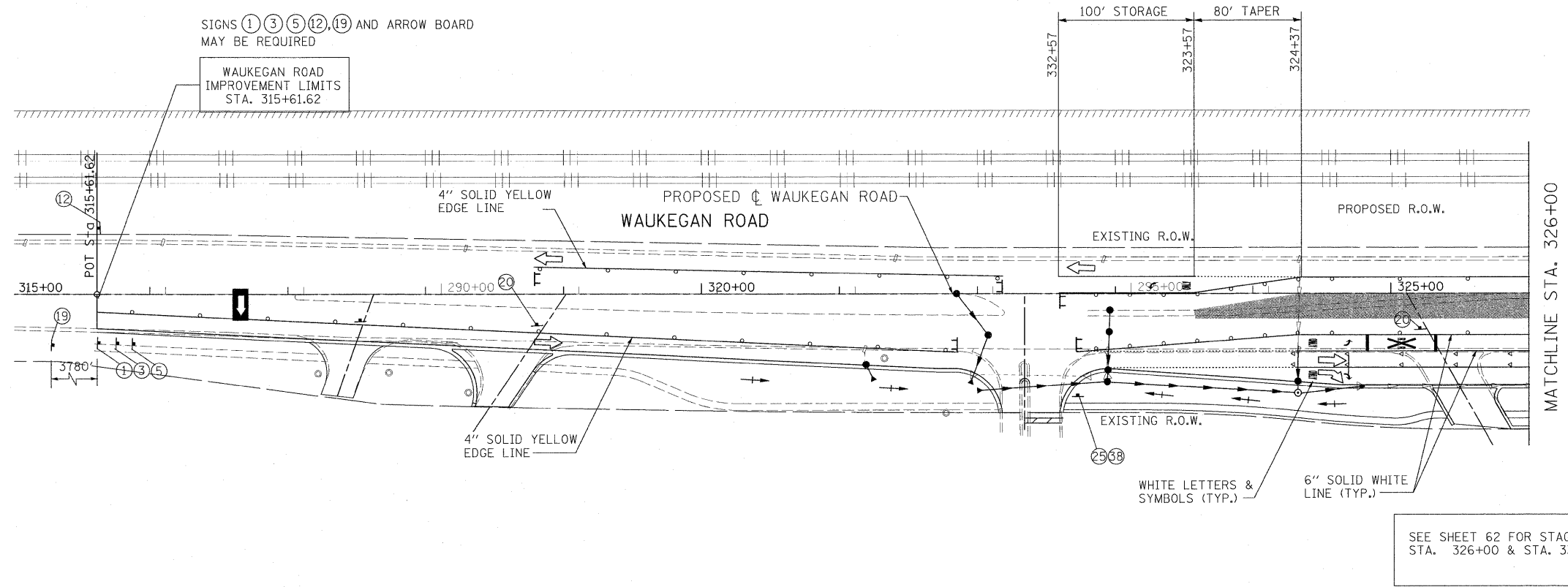


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	PLOT SCALE = #SCALE#	CHECKED - JP	REVISOR -		SCALE: 1"=50'	SHEET NO. 64 OF 232 SHEETS	STA. 127+00.00 TO STA. 157+00.00	CONTRACT NO. 60860				
	PLOT DATE = 5/15/2010	DATE 05/14/2010	REVISOR -		ILLINOIS FED. AID PROJECT							

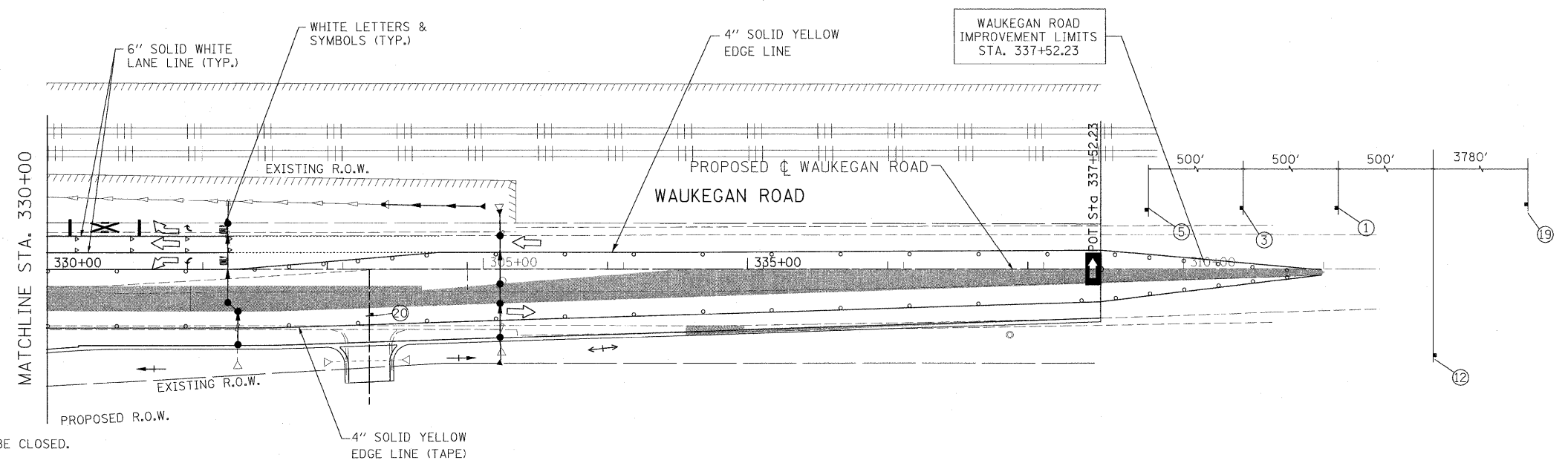


- NOTE:**
1. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED
 2. FROM STA. 139+16.88 TO 174+26.76 ON IL. RTE. 22 IS WIDENING AND RESURFACING SECTION AND IS TO BE COMPLETED USING TRAFFIC CONTROL AND PROTECTION FOR DAYTIME LANE CLOSURES
 3. STAGE 4 - REMAINING SIDEWALK AND OUTSIDE CURB AND GUTTER SHALL BE CONSTRUCTED AFTER THE MEDIAN WORK IS COMPLETE.

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\160860-shr-staging.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 MAINTENANCE OF TRAFFIC STAGE 4		F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 65	
PLOT SCALE = #SCALE#	DRAWN - DC	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 65 OF 232 SHEETS	STA. 157+00.00 TO STA. 174+82.92	CONTRACT NO. 60860		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISOR -	REVISED -									



SEE SHEET 62 FOR STAGING PLANS BETWEEN STA. 326+00 & STA. 330+00



- NOTE:**
1. NO TWO ADJACENT SIDES STREETS SHALL BE CLOSED.
 2. FROM STA. 315+61.61 TO STA. 324+35.31 AND FROM STA. 334+55.90 TO STA. 337+52.22 ON IL. RTE. 43 (WAUKEGAN ROAD) IS WIDENING AND RESURFACING SECTION AND IS TO BE COMPLETED USING TRAFFIC CONTROL AND PROTECTION FOR DAYTIME LANE CLOSURES.

CONSTRUCTION ZONE

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\162860-ahh-staging4-wauk.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WAUKEGAN ROAD MAINTENANCE OF TRAFFIC STAGE 4			F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 66
	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 66 OF 232 SHEETS	STA. 315+61.61 TO STA. 337+52.23	CONTRACT NO. 60860 ILLINOIS FED. AID PROJECT				
PLOT DATE = 5/15/2010		DATE - 05/14/2010	REVISED -									

SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCE:

STAGE I:

1. PROVIDE TREE REMOVAL AS SHOWN ON ROADWAY PLANS. INSTALL TREE PROTECTION.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES.
3. INSTALL TRAFFIC CONTROL DEVICES.
4. CLEAR STAGE I TEMPORARY WIDENING AREA.
5. PROVIDE TEMPORARY PAVEMENT WIDENING

STAGE II:

1. PRESERVE AND PROTECT EXISTING VEGETATION AND PRAIRIE GRASSES.
2. INSTALL TEMPORARY VEGETATIVE STABILIZATION OF CONTROL MEASURES. REMOVE EXISTING PAVEMENT AS SHOWN ON M.O.T. PLANS.
4. INSTALL DRAINAGE STRUCTURES, STORM SEWERS, CULVERTS, AND OTHER UTILITIES AS SHOWN ON DRAINAGE PLANS. INSTALL INLET AND OUTLET PROTECTION.
5. INSTALL ROADWAY SUBGRADE AND EMBANKMENT WIDENING.
6. INSTALL NEW PAVEMENT.
7. PROVIDE SODDING.
8. PERFORM CONTINUING MAINTENANCE OF SEDIMENT CONTROL MEASURES.

STAGE III:

1. INSTALL TRAFFIC CONTROL DEVICES.
2. PRESERVE AND PROTECT EXISTING VEGETATION AND PRAIRIE GRASSES.
3. INSTALL TEMPORARY EROSION CONTROL MEASURES.
4. REMOVE EXISTING PAVEMENT AS SHOWN ON THE PLANS.
5. INSTALL DRAINAGE STRUCTURES, STORM SEWERS, CULVERTS, AND OTHER UTILITIES AS SHOWN ON DRAINAGE PLANS. INSTALL INLET AND OUTLET PROTECTION.
6. INSTALL ROADWAY SUBGRADE AND EMBANKMENT WIDENING.
7. INSTALL NEW PAVEMENT.
8. PROVIDE SODDING.
9. PERFORM CONTINUING MAINTENANCE OF SEDIMENT CONTROL MEASURES.

STAGE IV:

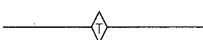







1. PROVIDE TRAFFIC CONTROL DEVICES.
2. INSTALL SUBGRADE AND NEW PAVEMENT.
3. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER STABILIZATION OF DISTURBED GROUND.
4. PROVIDE LANDSCAPING ITEMS.

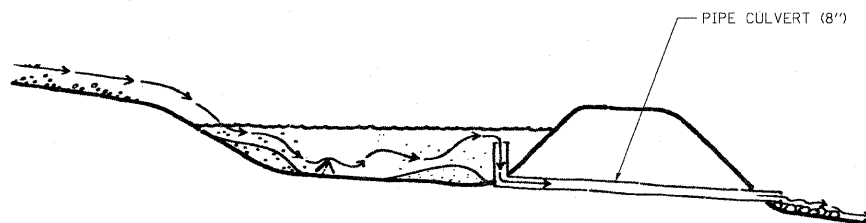
NOTES:

1. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
2. LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF THE GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
3. SEE TRAFFIC STAGING PLANS FOR LIMITS OF CONSTRUCTION STAGING.
4. SEE DRAINAGE PLANS FOR LOCATIONS OF EXISTING UTILITIES AND PROPOSED STORM SEWER.
5. CONTACT MR. RICK WANNER AT 847-405 4172 FOR THE LOCATION AND THE USE OF THE "DO NOT DISTURB WETLAND" SIGNS. PICKUP, INSTALLATION, MAINTENANCE, REMOVAL AND RETURN OF THE SIGNS ARE INCLUDED IN THE COST OF PERIMETER EROSION BARRIER.
6. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
7. EROSION CONTROL WORK ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.

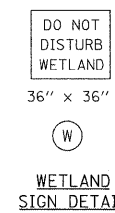
8. THE LANDSCAPING AND EROSION CONTROL MEASURES SHOWN ARE A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
9. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
10. THE LAKE COUNTY SWCD AND CORPS OF ENGINEERS MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
11. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
12. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE NCSWCD AND CORPS OF ENGINEERS.
13. ALL EROSION CONTROL MEASURES MUST BE INSPECTED BY IDOT, AND THE INSPECTION REPORT MUST BE SIGNED BY THE CONTRACTOR EVERY SEVEN DAYS AND AFTER EACH 1/2 " RAIN EVENT.
14. EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDING ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (I.e. PERIMETERS, BERMS, ETC.) IMMEDIATELY UPON FINAL GRADING.
15. IN AREAS WHERE WORK IS COMPLETED, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 14 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 7th DAY AFTER WORK HAS CEASED.

SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION LEGEND:

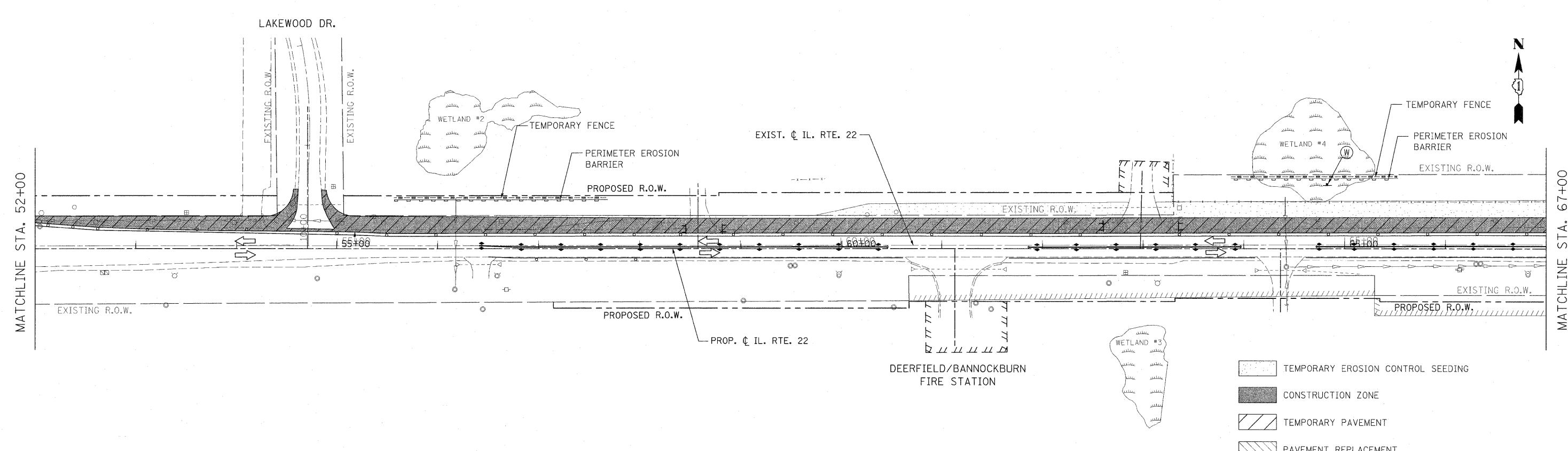
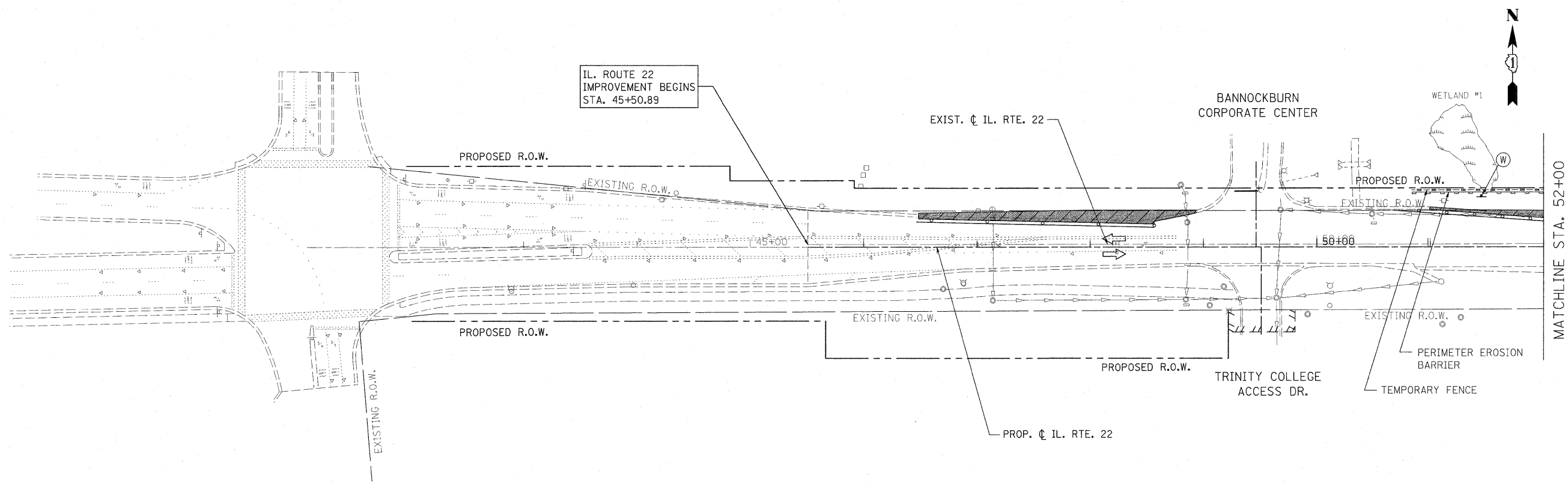
-  TEMPORARY DITCH CHECKS
-  INLET FILTER
-  PERIMETER EROSION BARRIER
-  SWALE
-  RIPRAP
-  DITCH FLOW
-  SEDIMENT BASIN
-  TEMPORARY FENCE



SEDIMENT BASIN DETAIL



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	PLOT DATE = 5/15/2010	CHECKED - JP	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 05/14/2010	REVISED -									



- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

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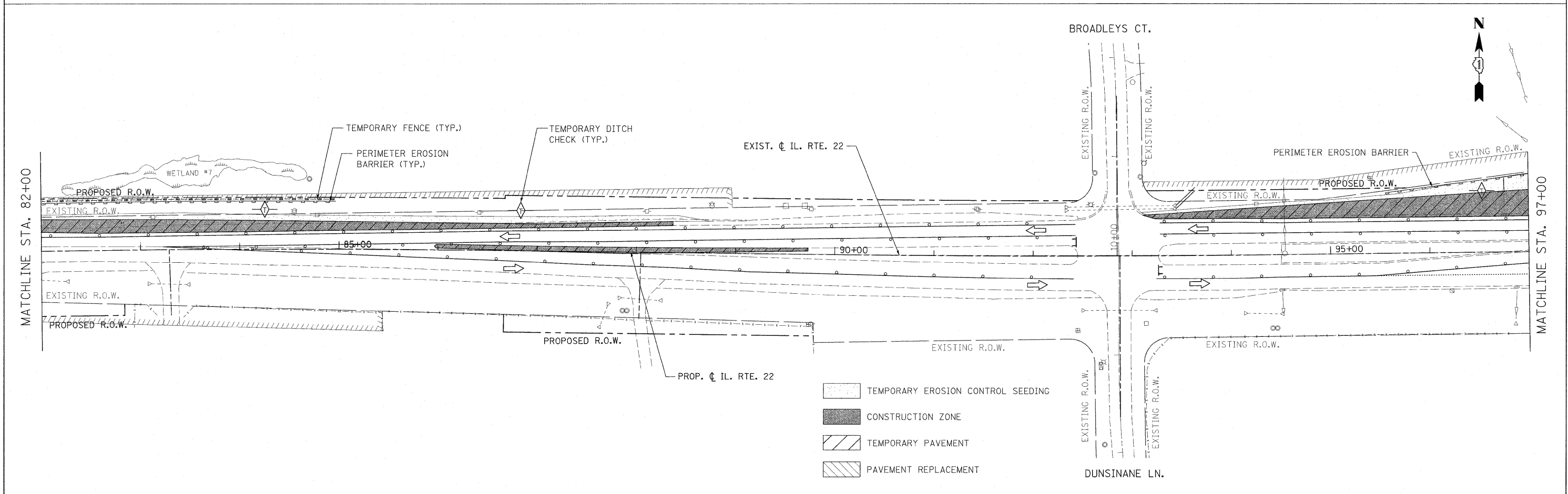
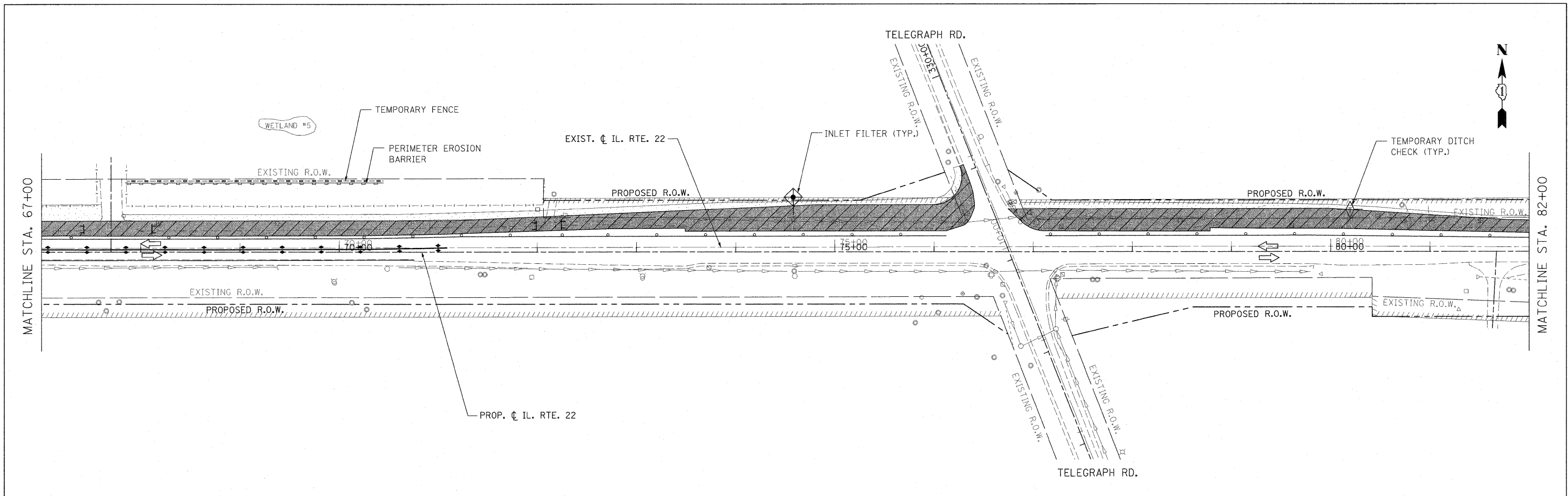
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 DRAWN - DC
 CHECKED - JP
 DATE - 05/14/2010

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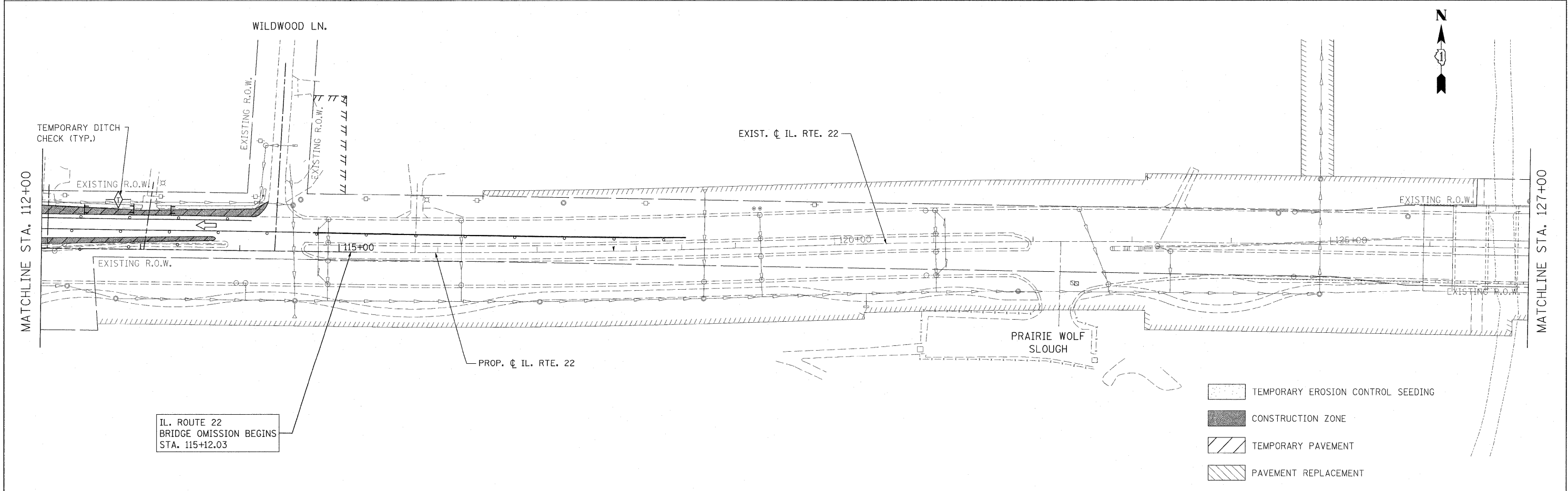
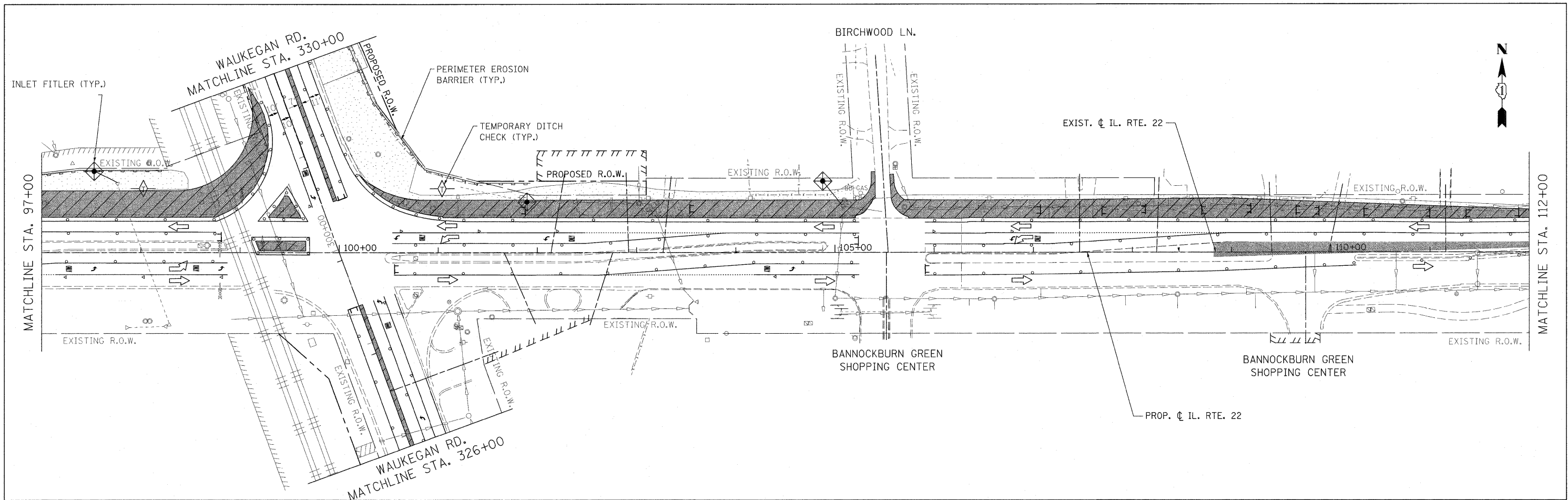
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**





**IL. ROUTE 22
 EROSION CONTROL PLAN STAGE 1**
 SCALE: 1"=50'
 SHEET NO. 68 OF 232 SHEETS
 STA. 45+50.89 TO STA. 67+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	68
CONTRACT NO. 60860			ILLINOIS FED. AID PROJECT	

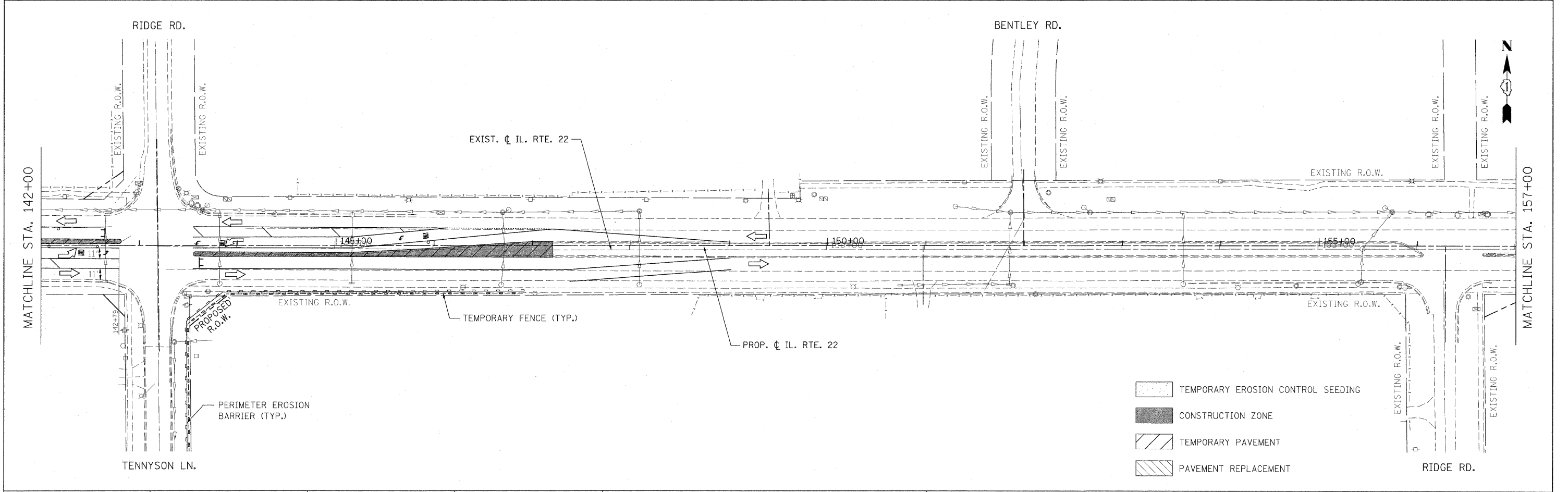
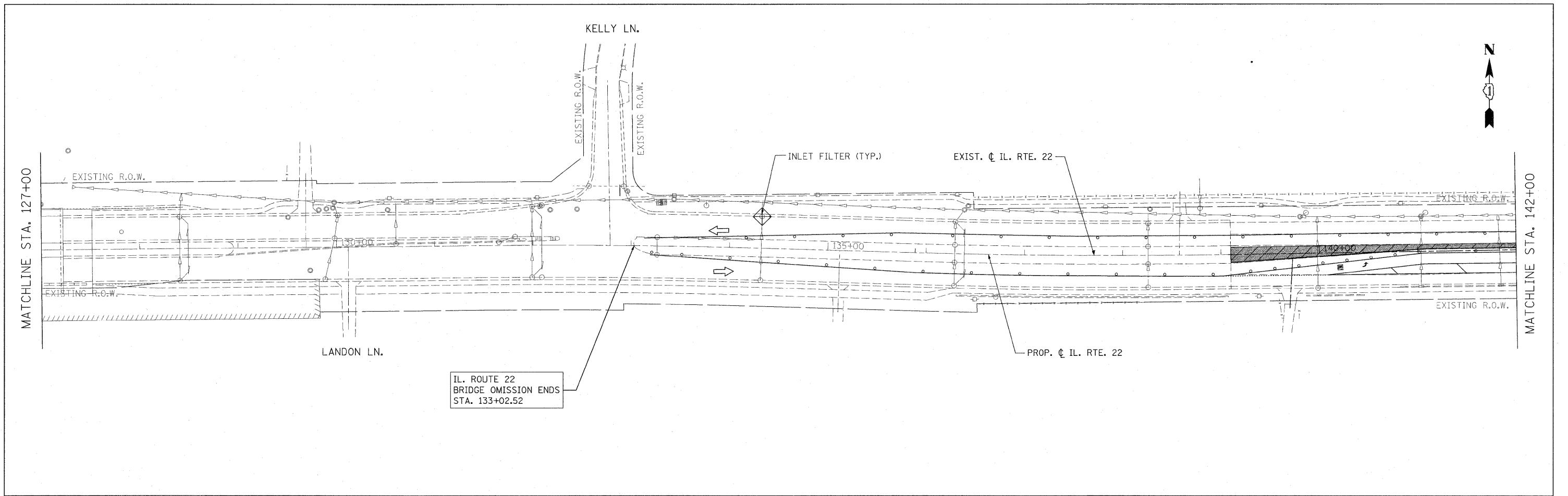






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PLOT SCALE = #SCALE#	CHECKED - JP	REVISIED -	REVISED -		SCALE: 1"=50'		SHEET NO. 69 OF 232 SHEETS		STA. 67+00.00 TO STA. 97+00.00		ILLINOIS FED. AID PROJECT	
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -									



-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  PAVEMENT REPLACEMENT

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-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  PAVEMENT REPLACEMENT

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 DRAWN - DC
 CHECKED - JP
 DATE - 05/14/2010

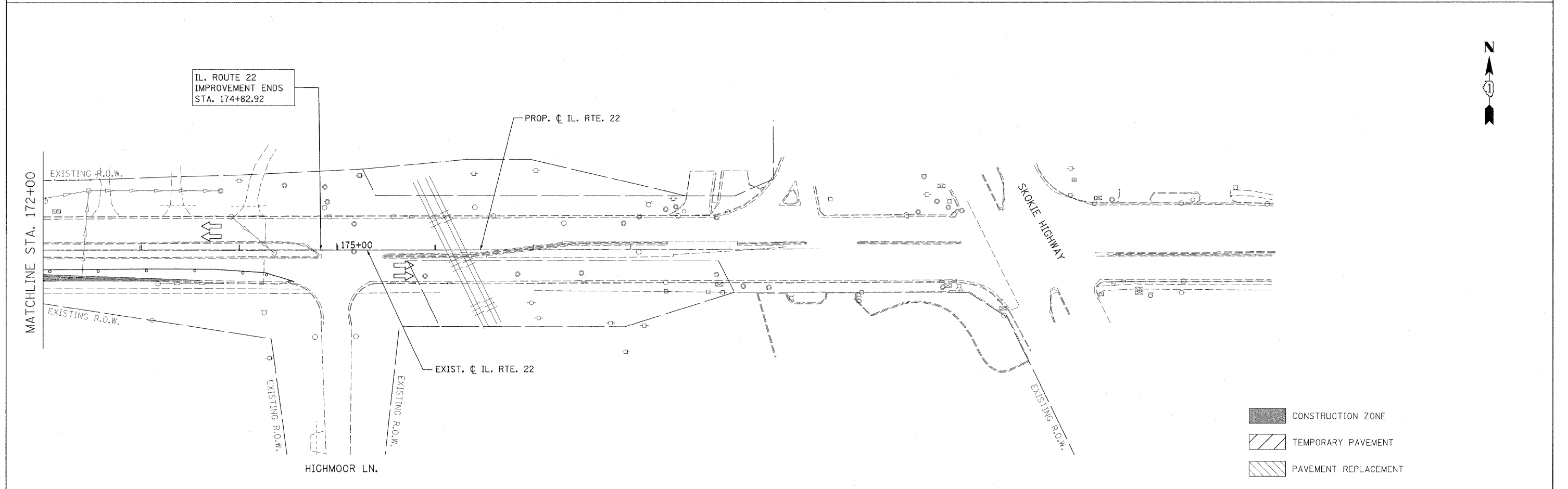
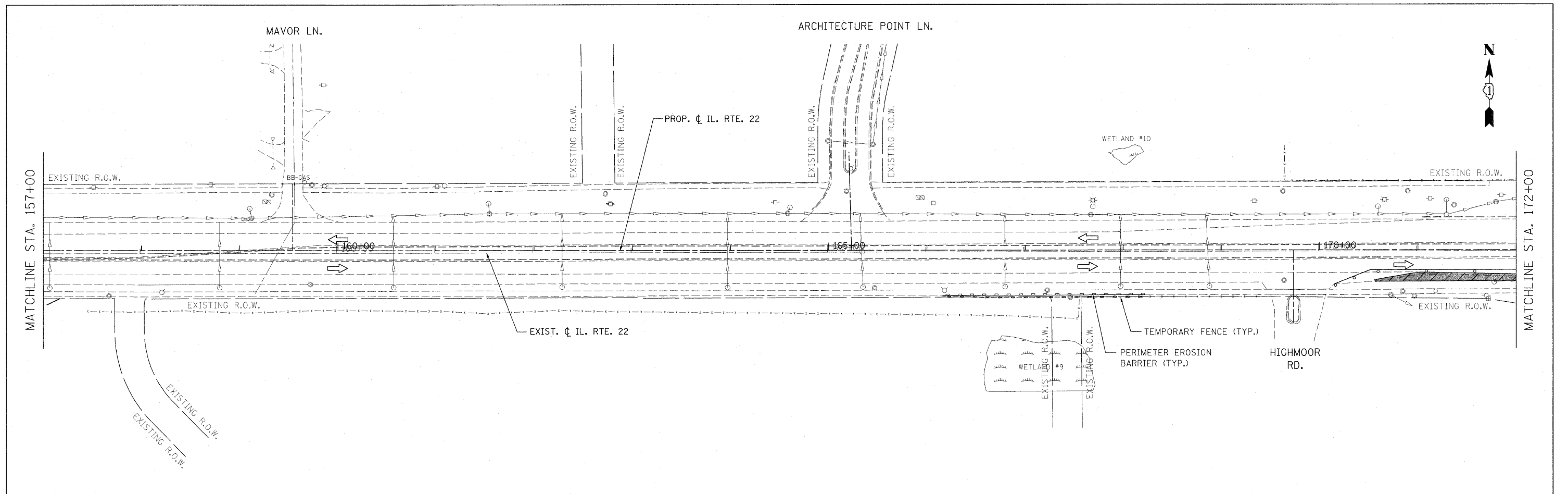
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL. ROUTE 22
 EROSION CONTROL PLAN STAGE 1

SCALE: 1"=50'
 SHEET NO. 71 OF 232 SHEETS
 STA. 127+00.00 TO STA. 157+00.00

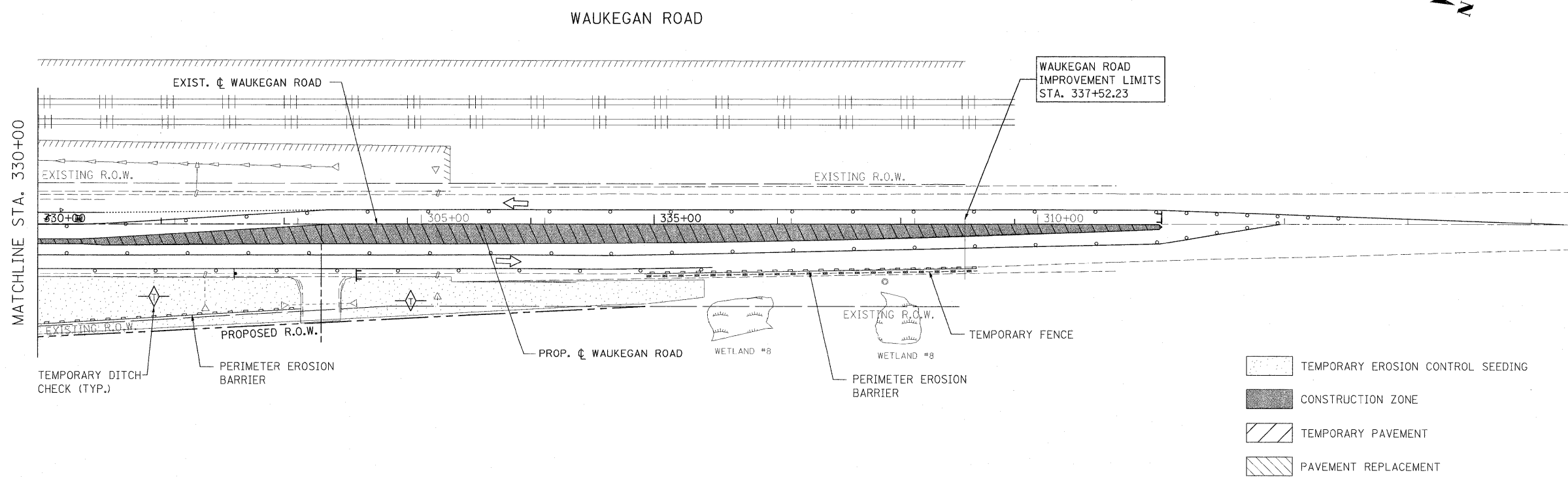
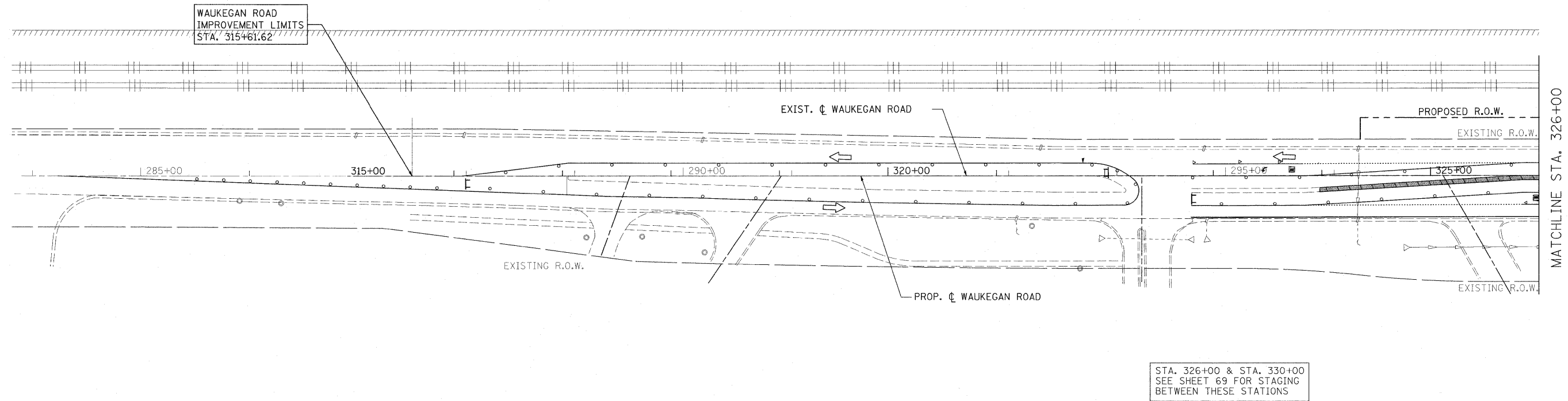
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	71
CONTRACT NO. 60860				
ILLINOIS FED. AID PROJECT				



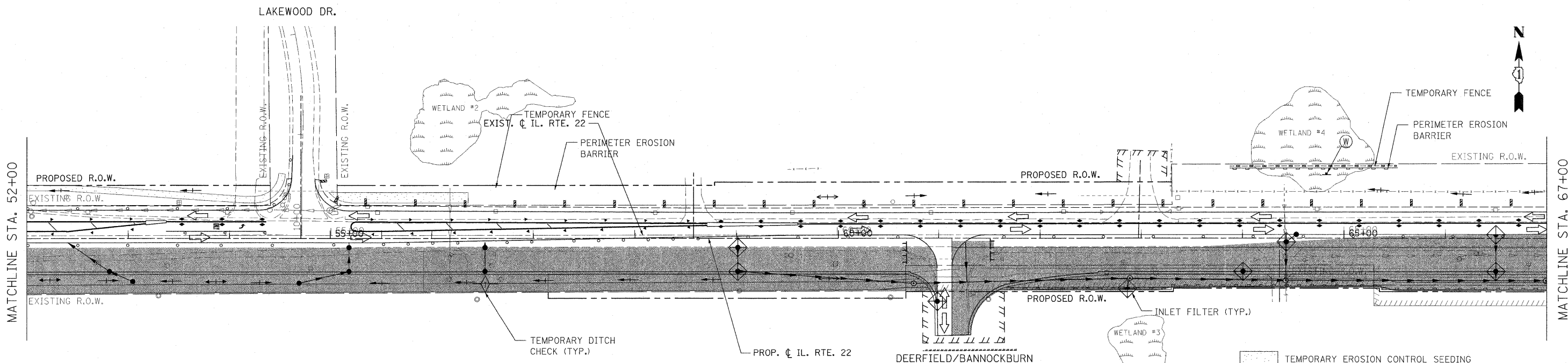
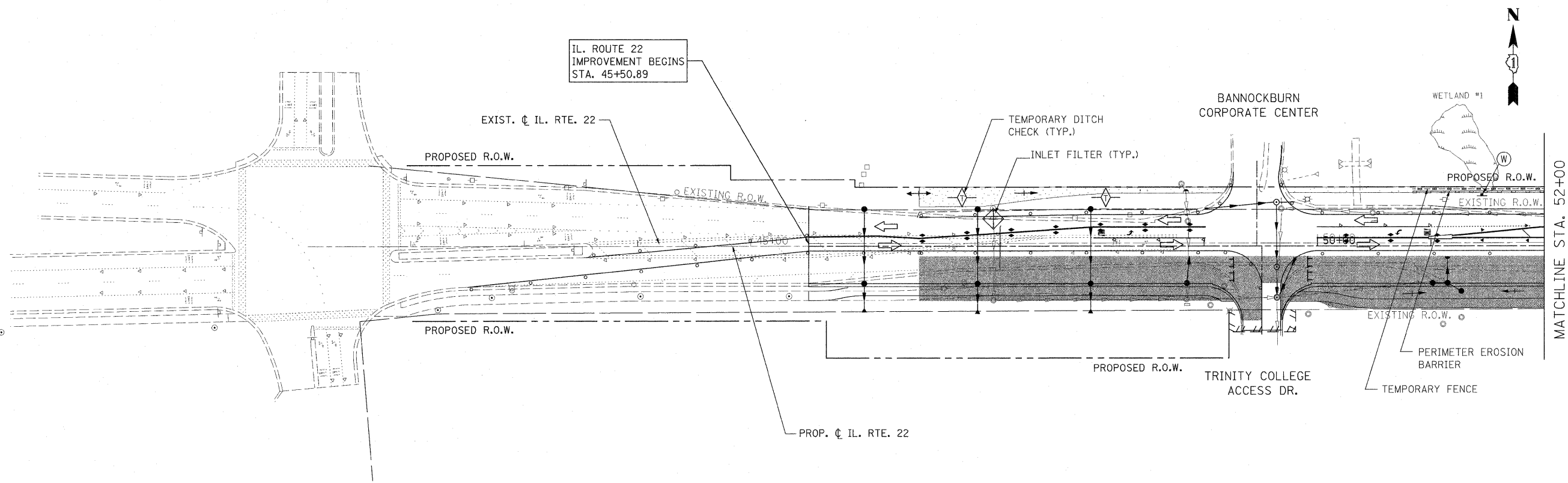
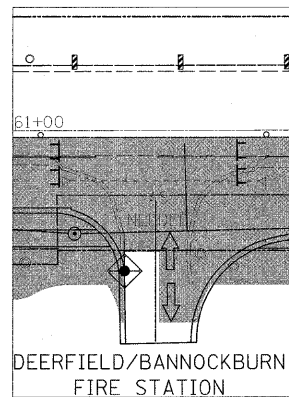
IL. ROUTE 22
IMPROVEMENT ENDS
STA. 174+82.92

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

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PLOT SCALE = #SCALE#						SCALE: 1"=50' SHEET NO. 72 OF 232 SHEETS STA. 157+00.00 TO STA. 174+82.92					
PLOT DATE = 5/15/2010						CONTRACT NO. 60860					
						ILLINOIS FED. AID PROJECT					

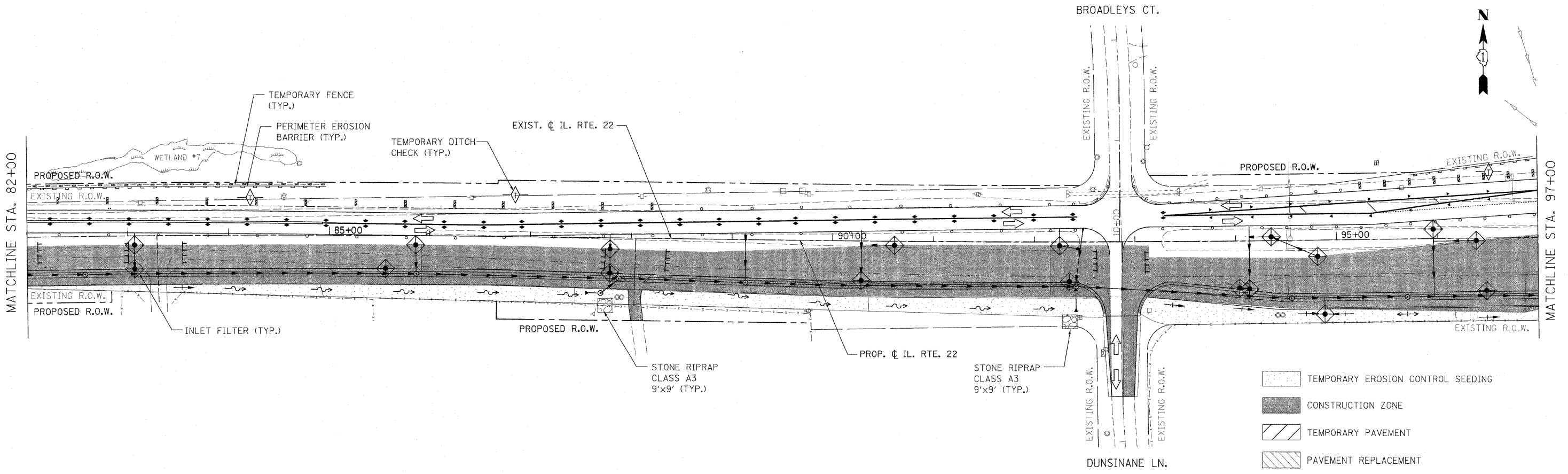
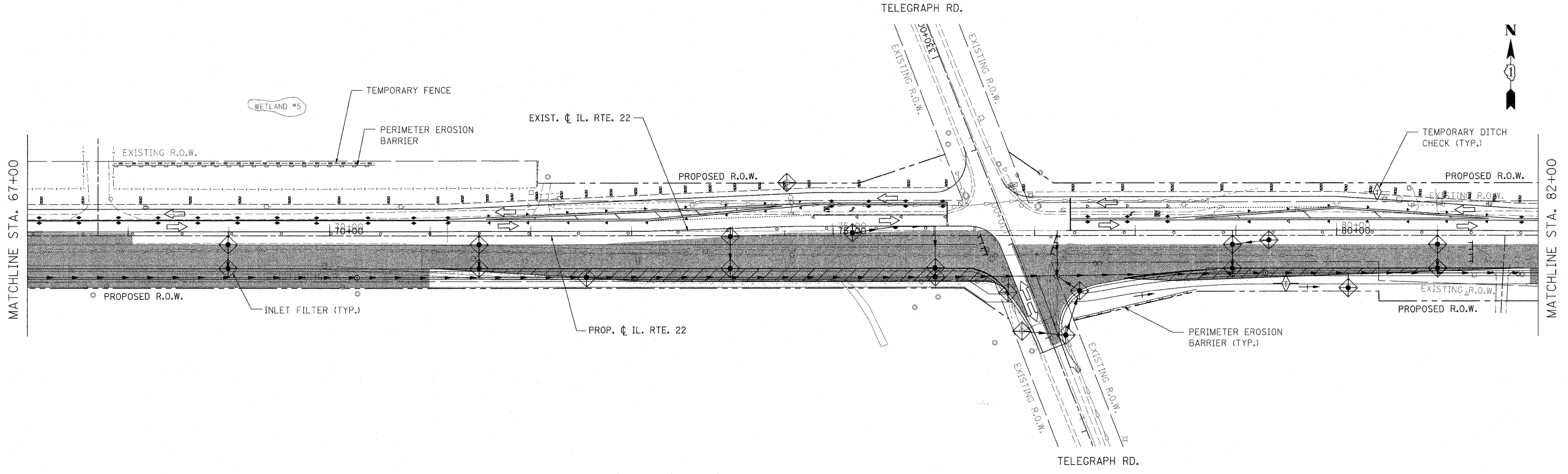


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		CHECKED - JP	REVISED -		SCALE: 1"=50'			SHEET NO. 73 OF 232 SHEETS				
		DATE - 05/14/2010	REVISED -		ILLINOIS FED. AID PROJECT							



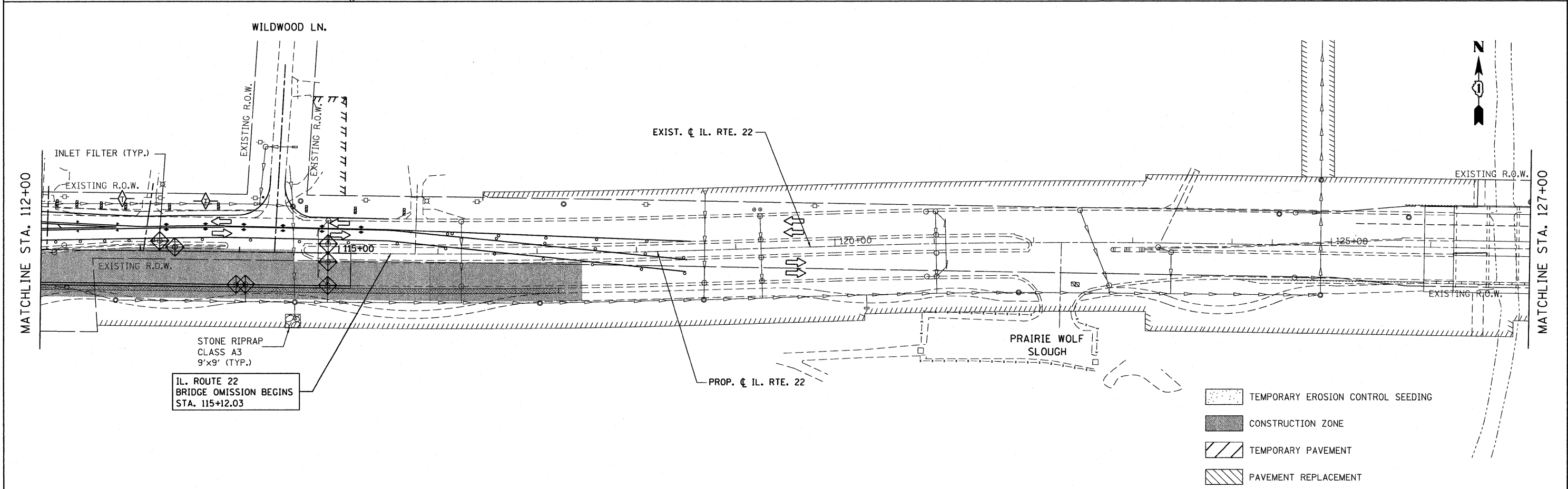
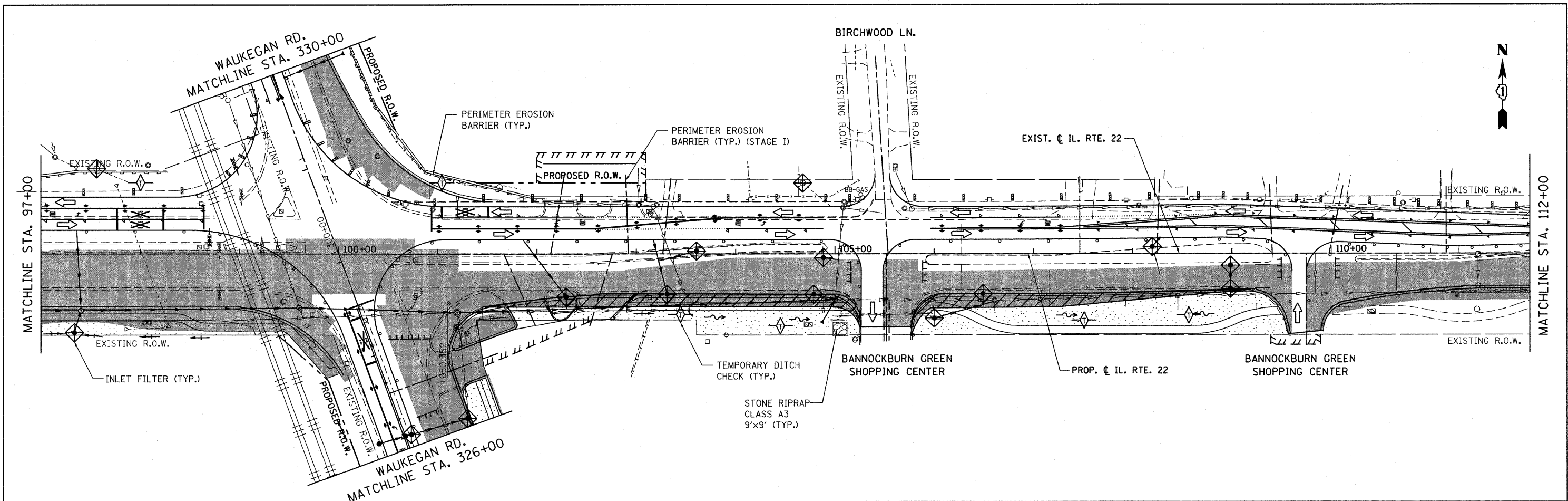
- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

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PLOT SCALE = #SCALE#	CHECKED - JP	DATE - 05/14/2010	REVISED -		SCALE: 1"=50'	SHEET NO. 74 OF 232 SHEETS	STA. 45+50.89 TO STA. 67+00.00	CONTRACT NO. 60860		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/15/2010	DATE -	REVISED -	REVISED -									



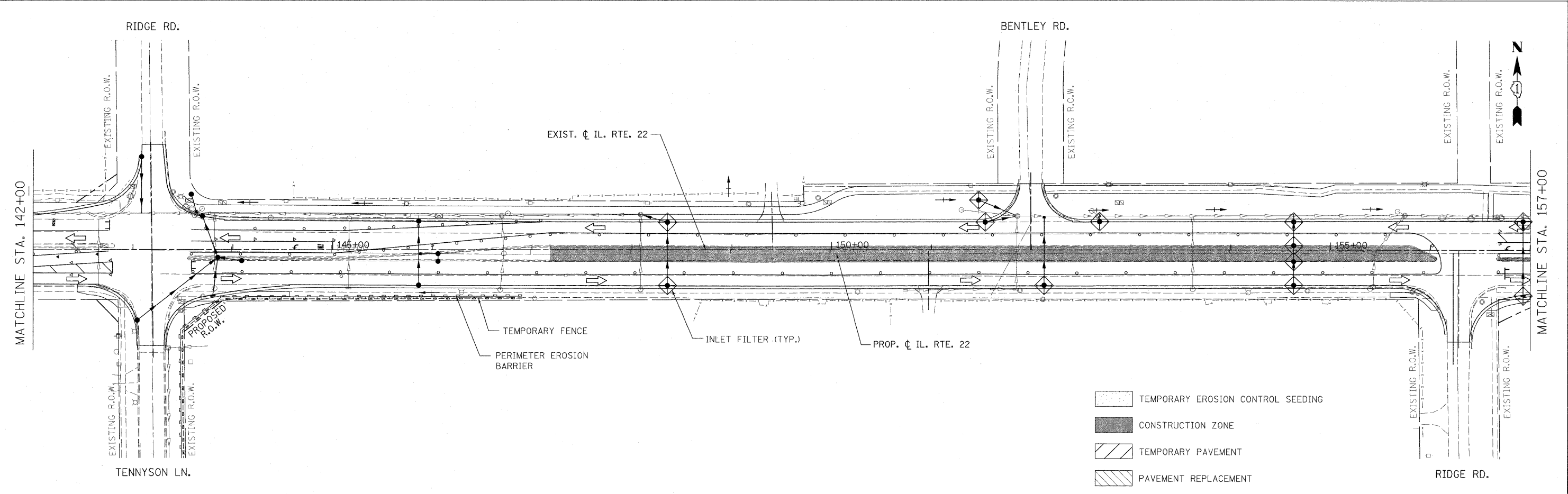
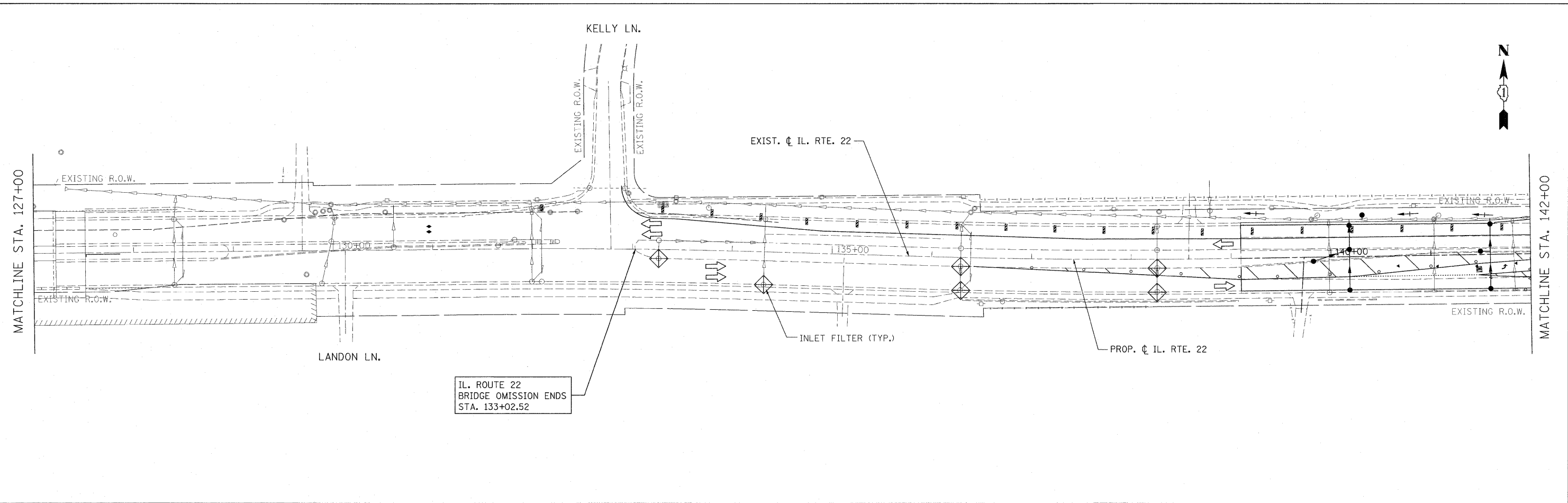
- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

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PLOT SCALE = #SCALE#		CHECKED - JP	REVISED -	SCALE: 1"=50'		SHEET NO. 75 OF 232 SHEETS		STA. 67+00.00 TO STA. 97+00.00		CONTRACT NO. 60860
PLOT DATE = 5/15/2010		DATE - 05/14/2010	REVISED -	ILLINOIS FED. AID PROJECT						

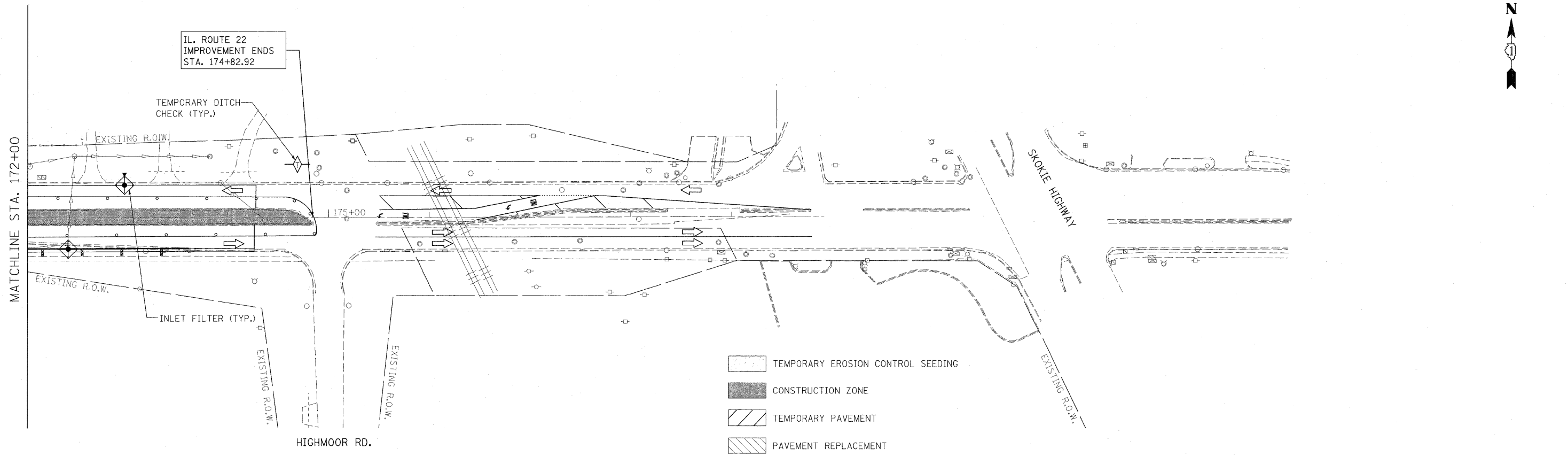
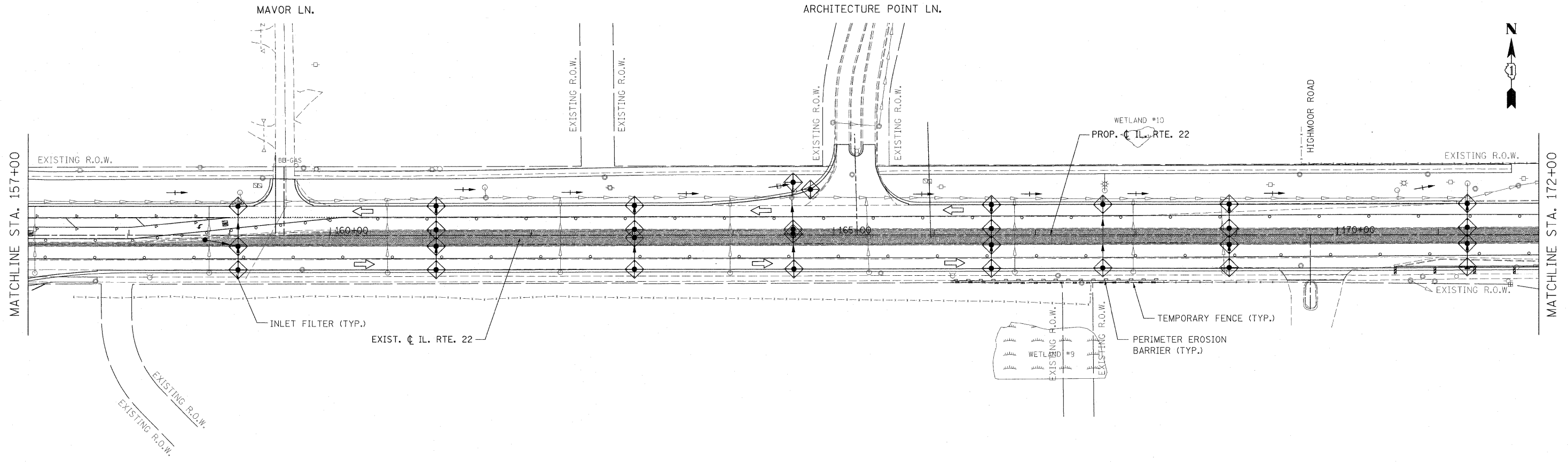


- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

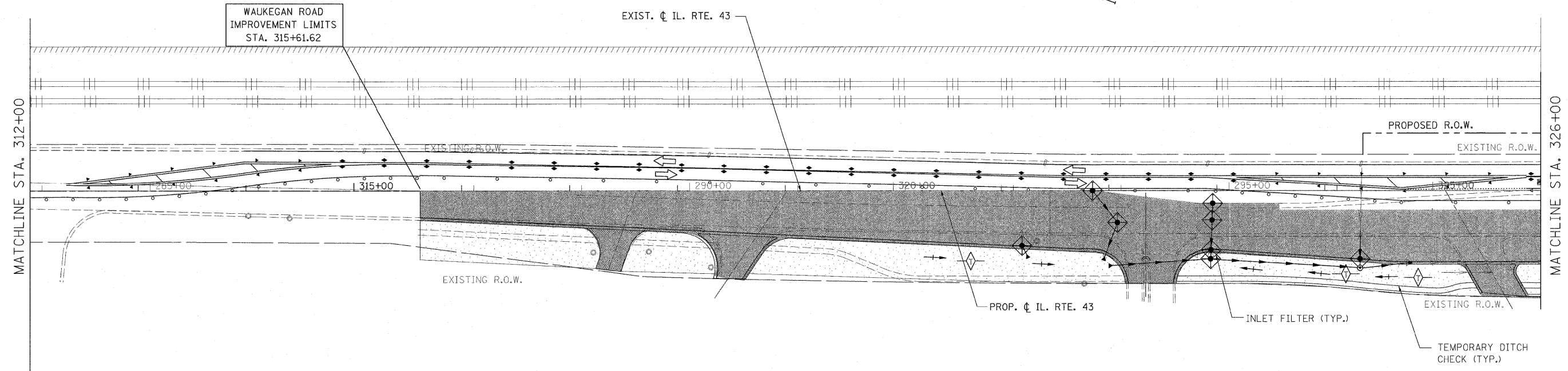
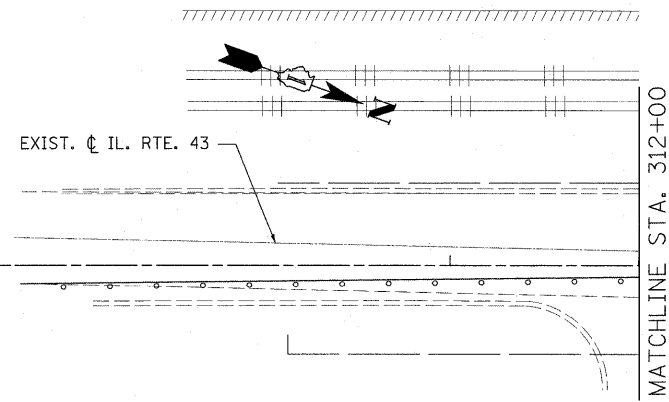
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revised sheets\DI60860-sht-erosion2.dgn	DRAWN - DC	CHECKED - JP	REVISOR -			SCALE: 1"=50' SHEET NO. 76 OF 232 SHEETS STA. 97+00.00 TO STA. 127+00.00					
PLOT SCALE = 50.000' / IN.	DATE - 05/14/2010	REVISOR -	REVISOR -			CONTRACT NO. 60860					
PLOT DATE = 7/28/2010	DATE - 05/14/2010	REVISOR -	REVISOR -			ILLINOIS FED. AID PROJECT					



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	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 77 OF 232 SHEETS	STA. 127+00.00 TO STA. 157+00.00	CONTRACT NO. 60860				
	PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -		ILLINOIS FED. AID PROJECT							

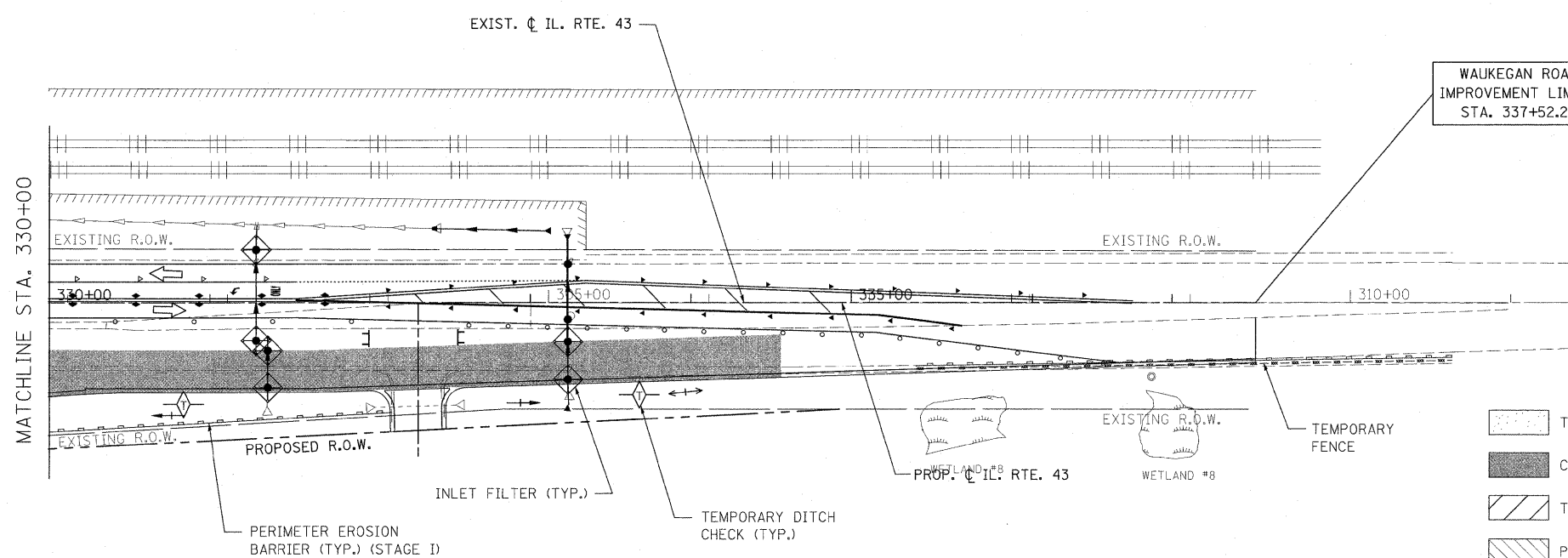


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	SCALE: 1"=50' SHEET NO. 78 OF 232 SHEETS STA. 157+00.00 TO STA. 174+82.92						CONTRACT NO. 60860						
	ILLINOIS FED. AID PROJECT												



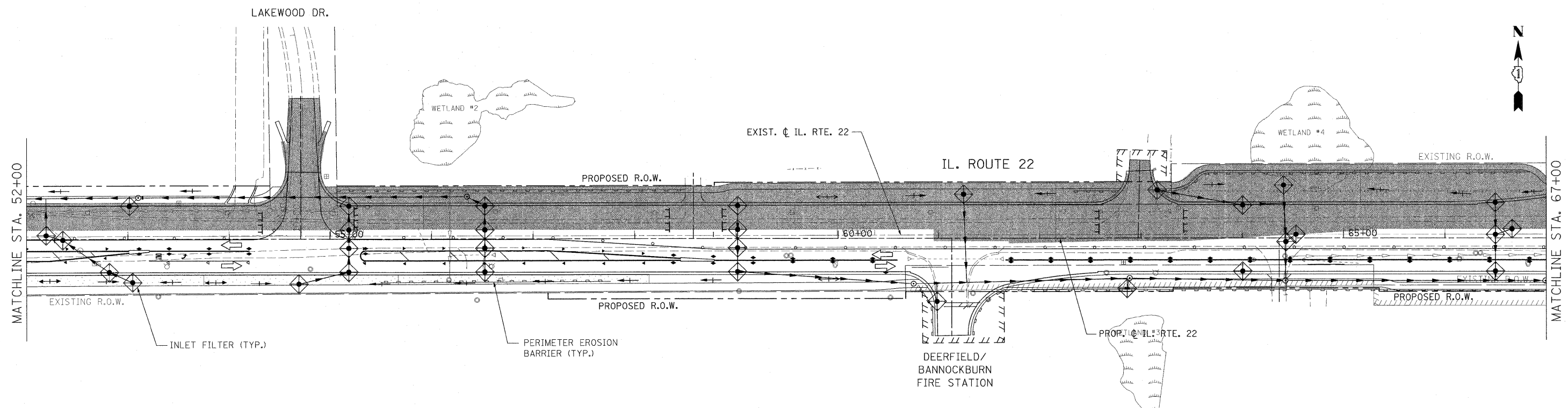
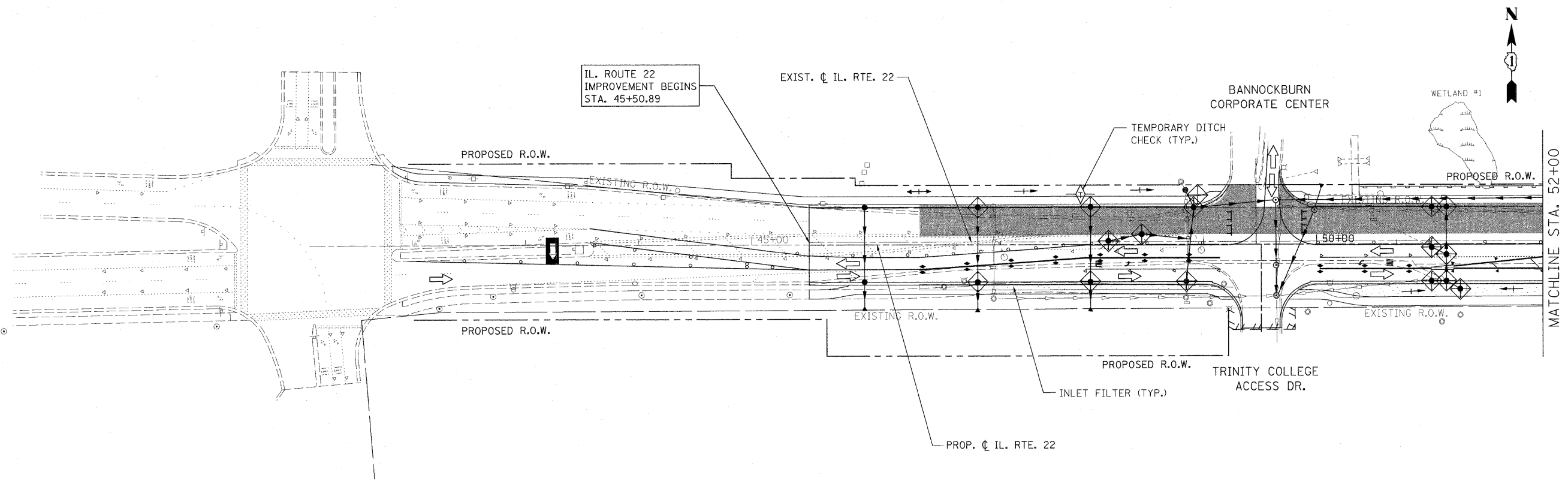
WAUKEGAN ROAD
IMPROVEMENT LIMITS
STA. 315+61.62

WAUKEGAN ROAD
IMPROVEMENT LIMITS
STA. 337+52.23



- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- PAVEMENT REPLACEMENT

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\162860-ah-erosion2-wauk.dgn	USER NAME = #USER# D162860-ah-erosion2-wauk.dgn	DESIGNED - LP	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WAUKEGAN ROAD EROSION CONTROL PLAN STAGE 2	F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 79		
PLOT SCALE = #SCALE#	CHECKED - JP	DATE - 05/14/2010	REVISIONS -			SCALE: 1"=50'	SHEET NO. 79 OF 232 SHEETS	STA. 315+61.62 TO STA. 337+52.23	CONTRACT NO. 60860			
PLOT DATE = 5/15/2010						ILLINOIS FED. AID PROJECT						



TEMPORARY EROSION CONTROL SEEDING
 CONSTRUCTION ZONE

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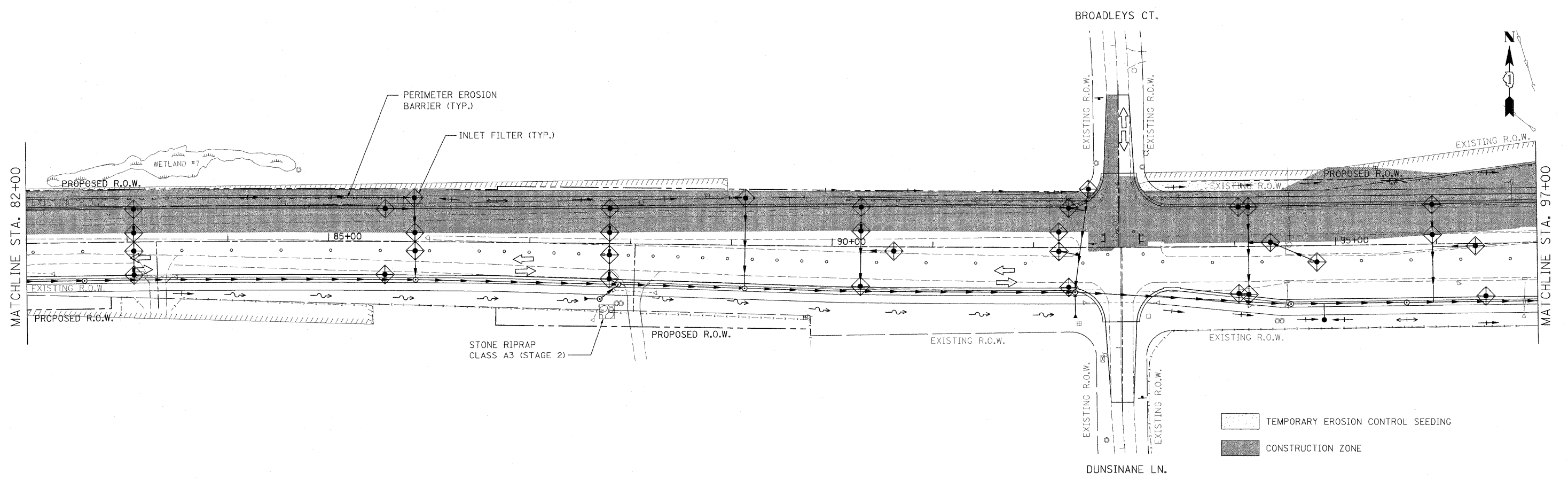
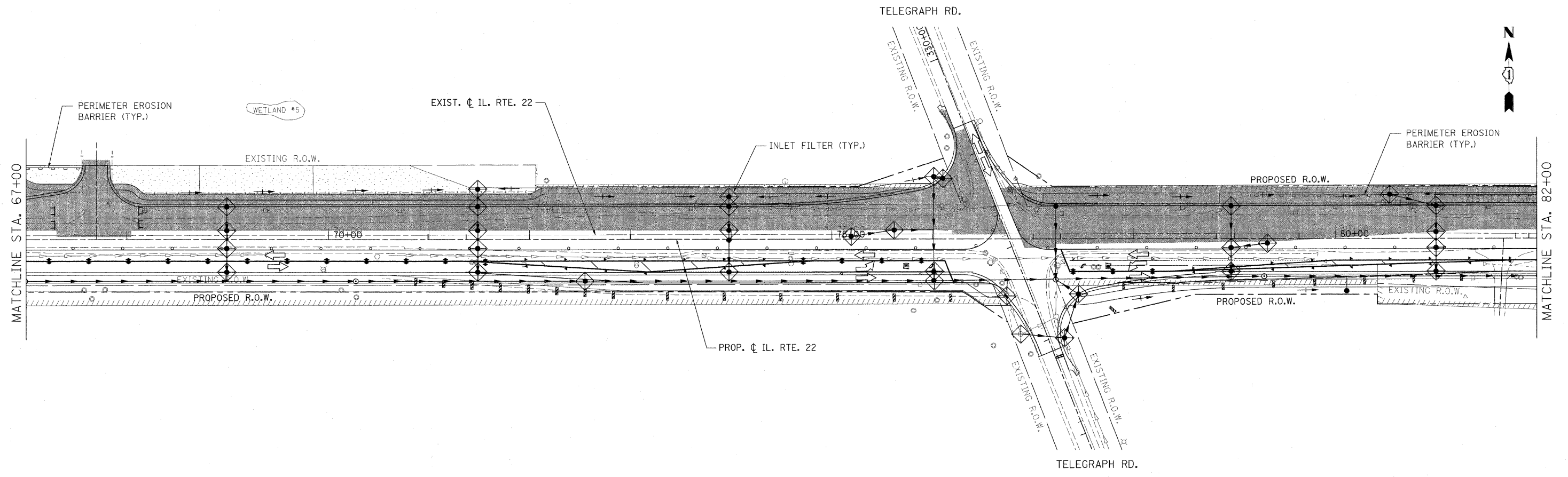
DESIGNED - LP
 DRAWN - DC
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

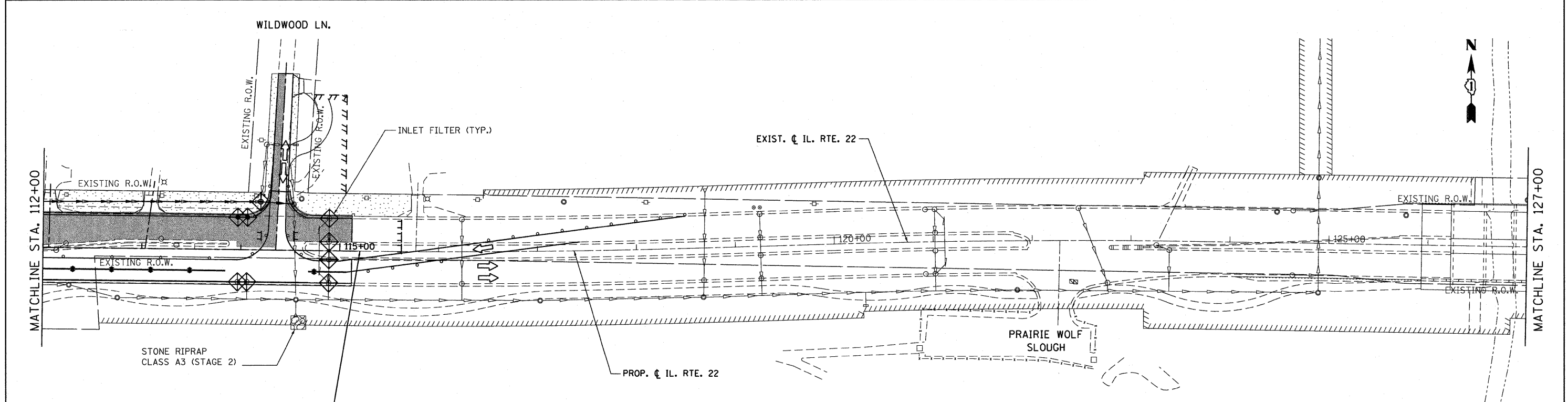
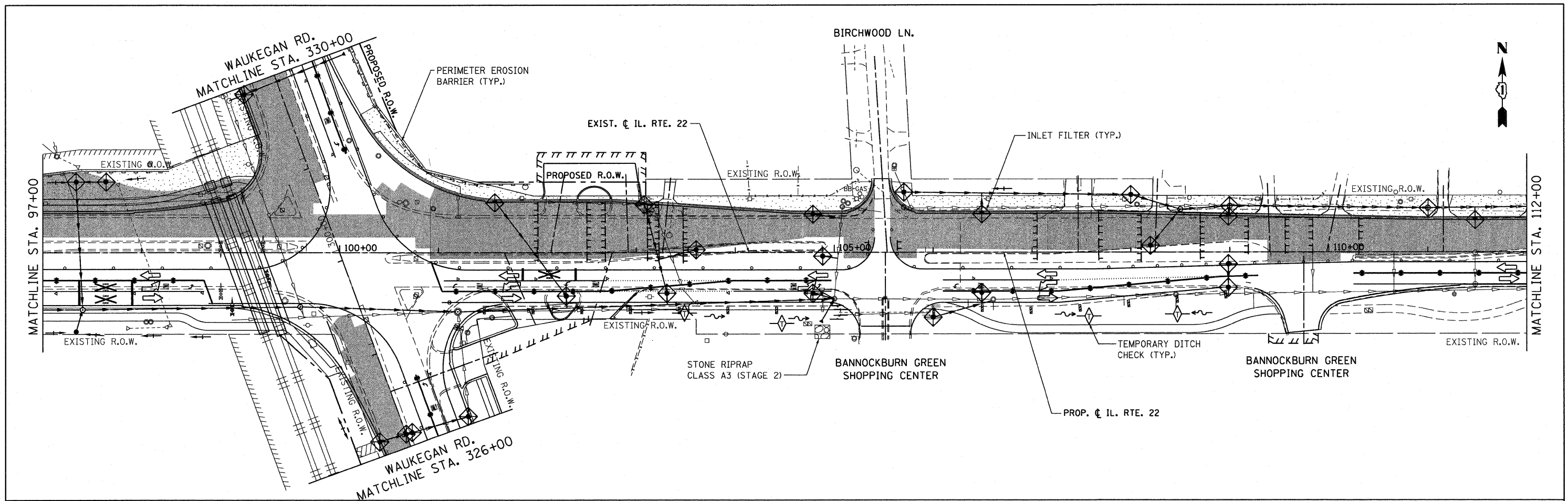
**IL. ROUTE 22
 EROSION CONTROL PLAN STAGE 3**
 SCALE: 1"=50' SHEET NO. 80 OF 232 SHEETS STA. 45+50.89 TO STA. 67+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	80
CONTRACT NO. 60860			ILLINOIS FED. AID PROJECT	



TEMPORARY EROSION CONTROL SEEDING
 CONSTRUCTION ZONE

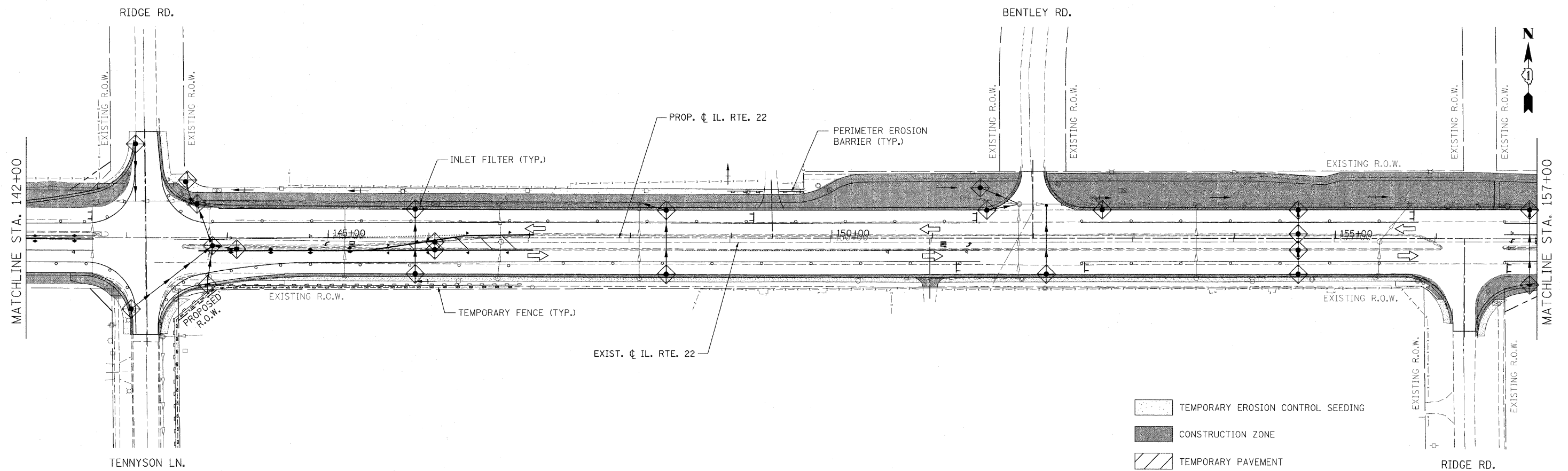
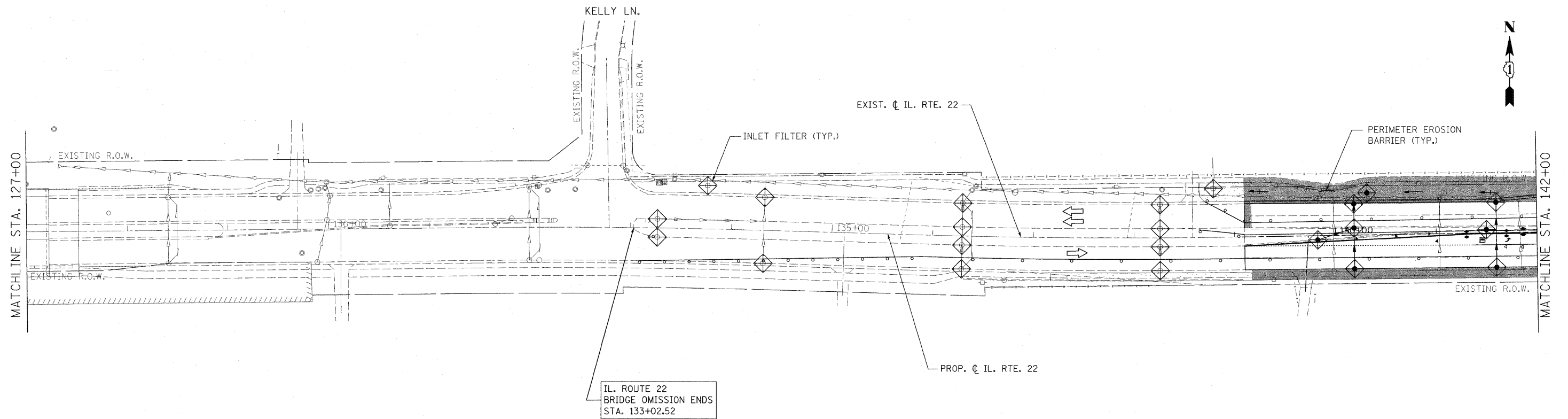
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PLOT SCALE = #SCALE#	CHECKED - JP	DATE - 05/14/2010	REVISED -		SCALE: 1"=50'	SHEET NO. 81 OF 232 SHEETS	STA. 67+00.00 TO STA. 97+00.00	CONTRACT NO. 60860			
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT						






IL. ROUTE 22
BRIDGE OMISSION BEGINS
STA. 115+12.03

- TEMPORARY EROSION CONTROL SEEDING
- CONSTRUCTION ZONE

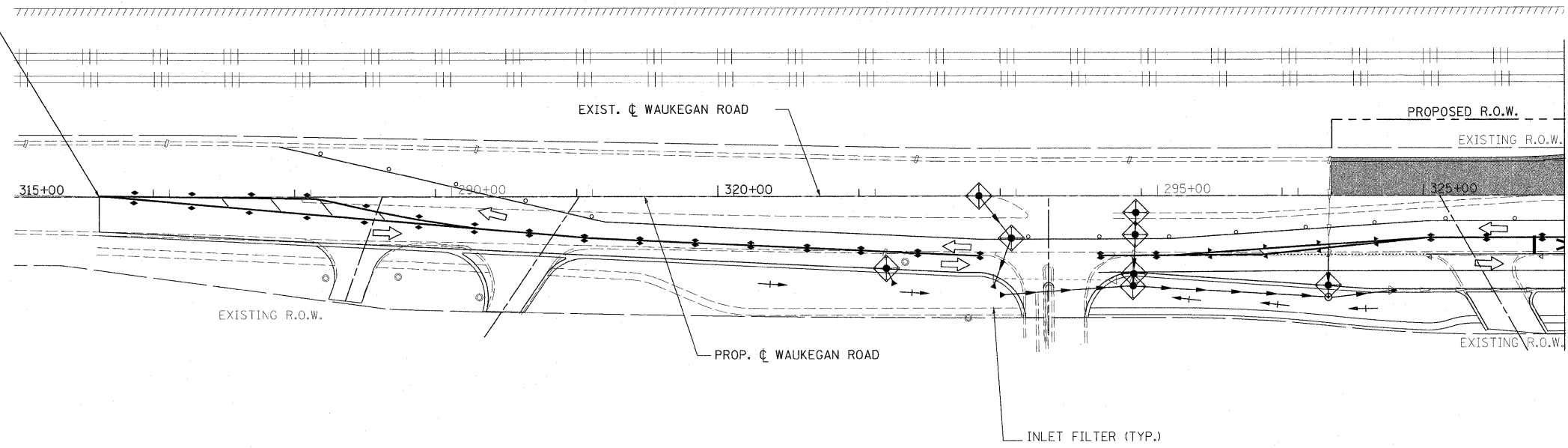
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PLOT SCALE = 5/8"=1' IN.					SCALE: 1"=50'			SHEET NO. 82 OF 232 SHEETS			STA. 97+00.00 TO STA. 127+00.00	
PLOT DATE = 7/28/2010					CONTRACT NO. 60860			ILLINOIS FED. AID PROJECT				
DATE = 05/14/2010												



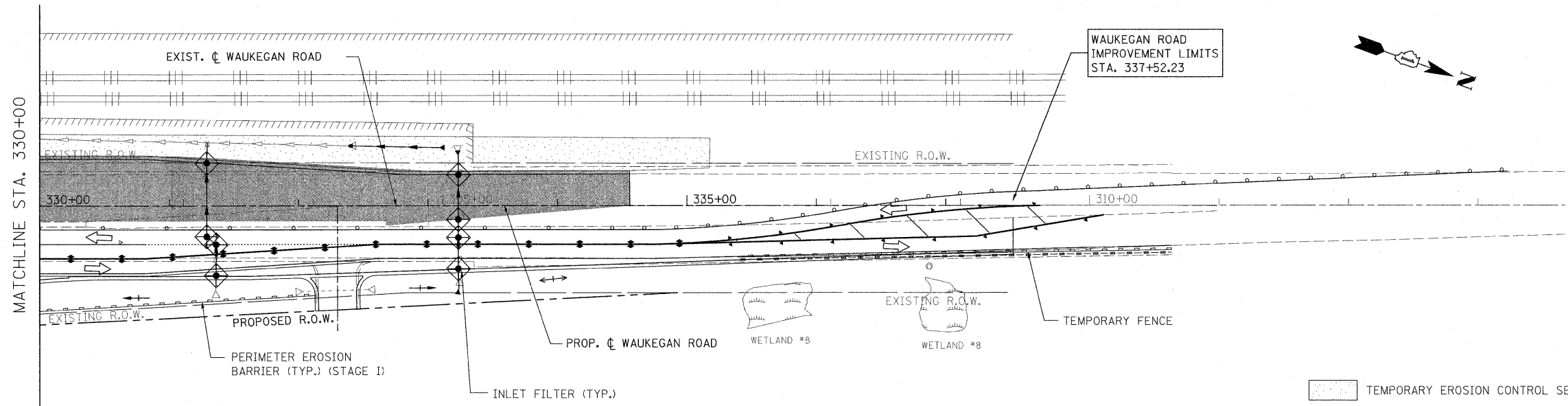
-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT

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		PLOT SCALE = #SCALE#	CHECKED - JP		SCALE: 1"=50'			SHEET NO. 83 OF 232 SHEETS		STA. 127+00.00 TO STA. 157+00.00		CONTRACT NO. 60860
PLOT DATE = 5/15/2010	DATE - 05/14/2010	ILLINOIS FED. AID PROJECT										

WAUKEGAN ROAD
IMPROVEMENT LIMITS
STA. 315+61.62






MATCHLINE STA. 326+00

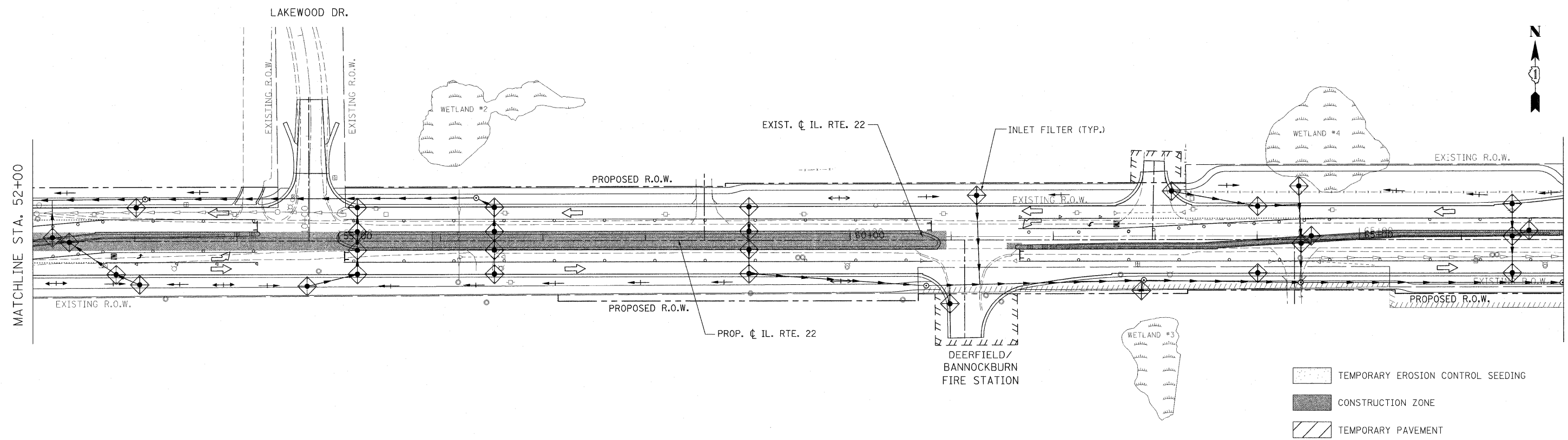
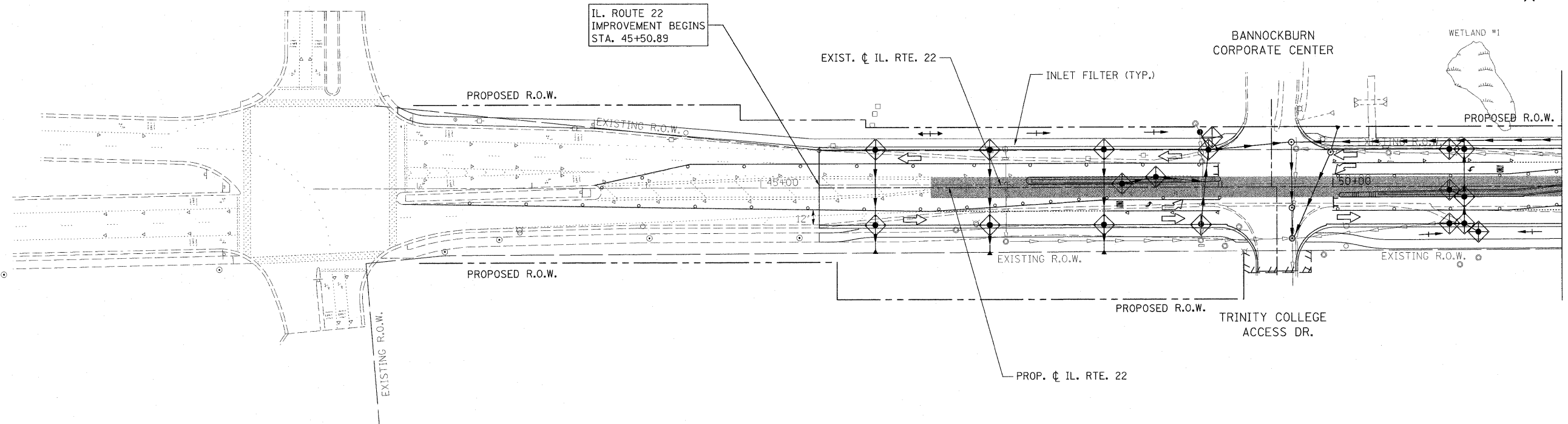





WAUKEGAN ROAD
IMPROVEMENT LIMITS
STA. 337+52.23

MATCHLINE STA. 330+00

-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT

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	PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -		SCALE: 1"=50'	SHEET NO. 85 OF 232 SHEETS	STA. 315+61.62 TO STA. 337+52.23	CONTRACT NO. 60860 ILLINOIS FED. AID PROJECT			
PLOT DATE = 5/15/2010	DATE = 05/14/2010	REVISED -	REVISED -								



-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\160860-shf-erosion4.dgn

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DESIGNED - LP
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 CHECKED - JP
 DATE - 05/14/2010

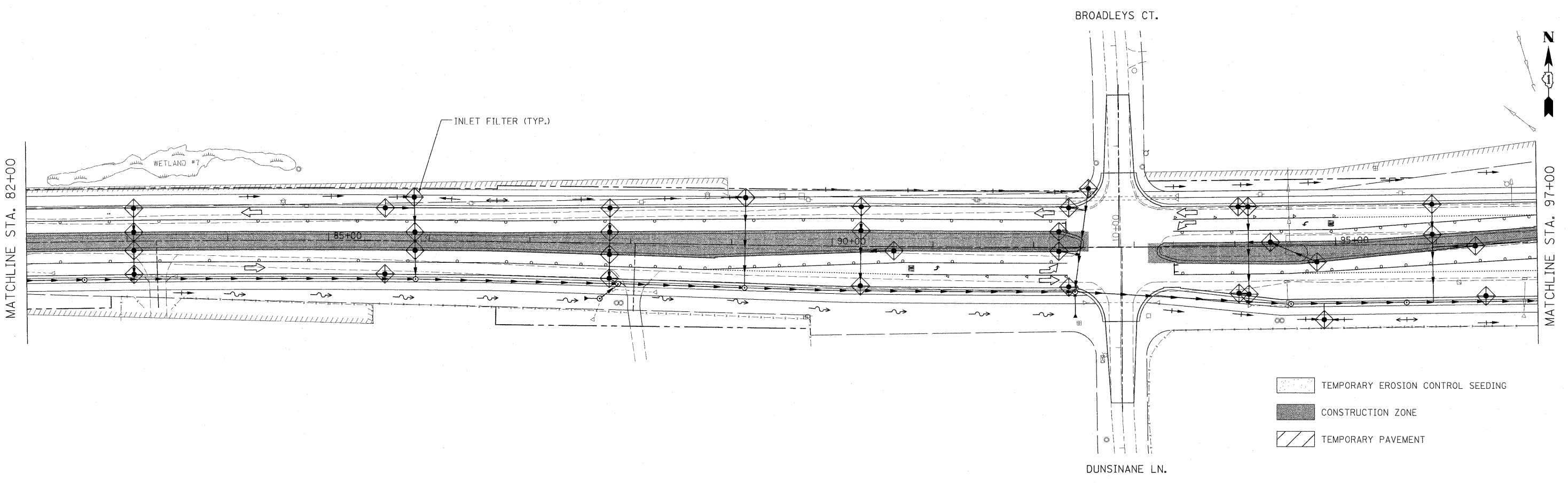
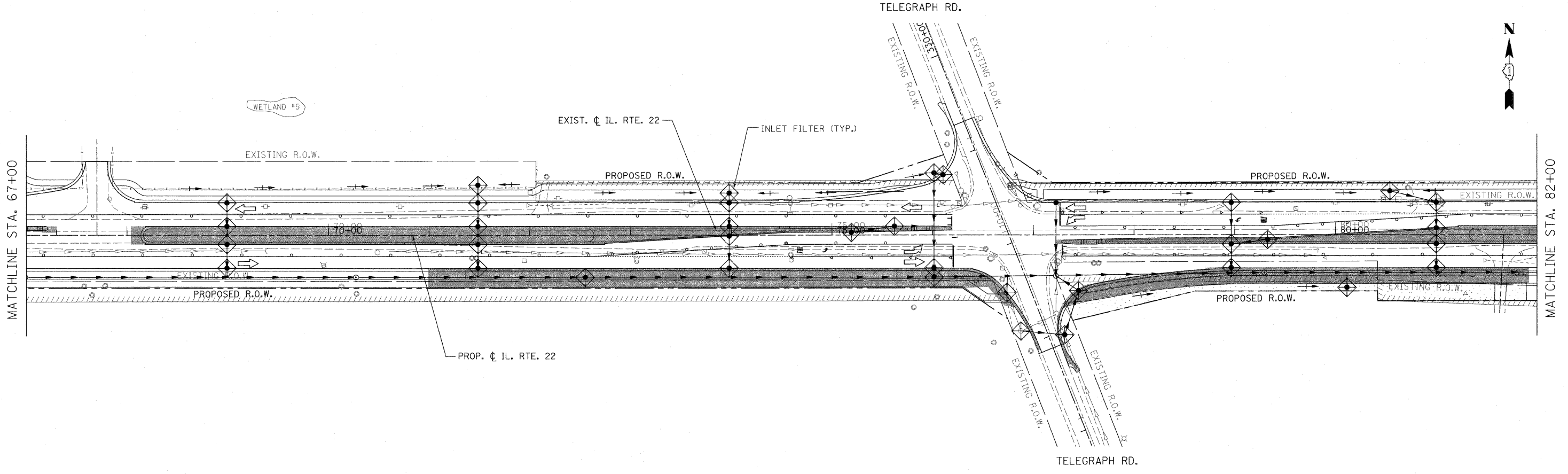
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
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. ROUTE 22
 EROSION CONTROL PLAN STAGE 4**

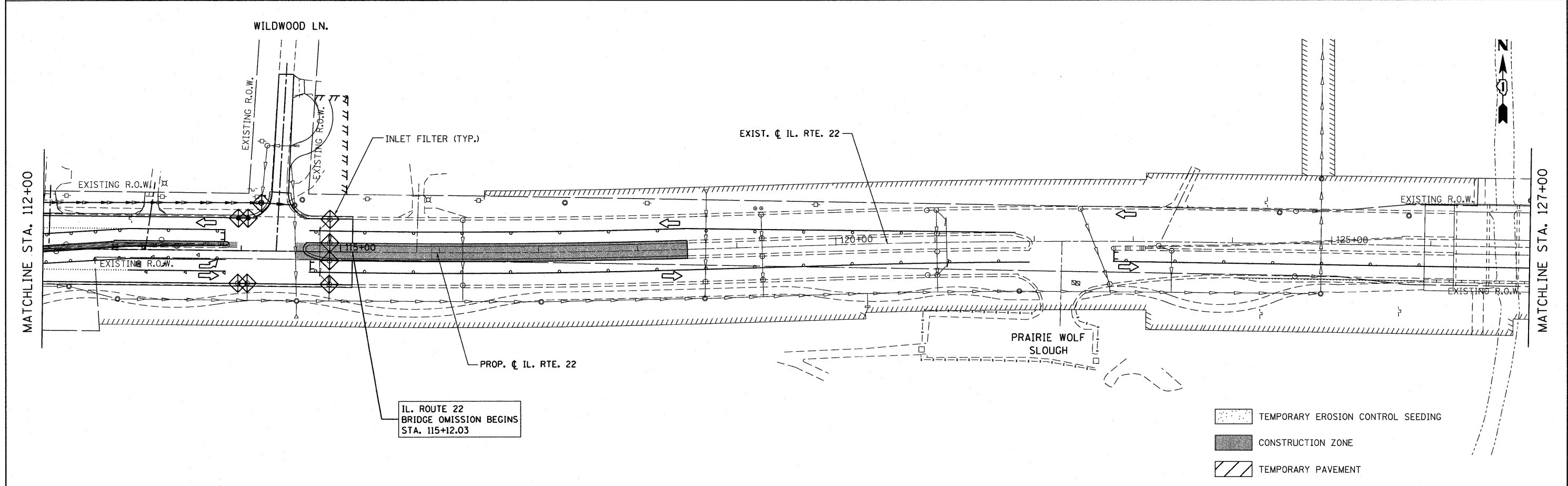
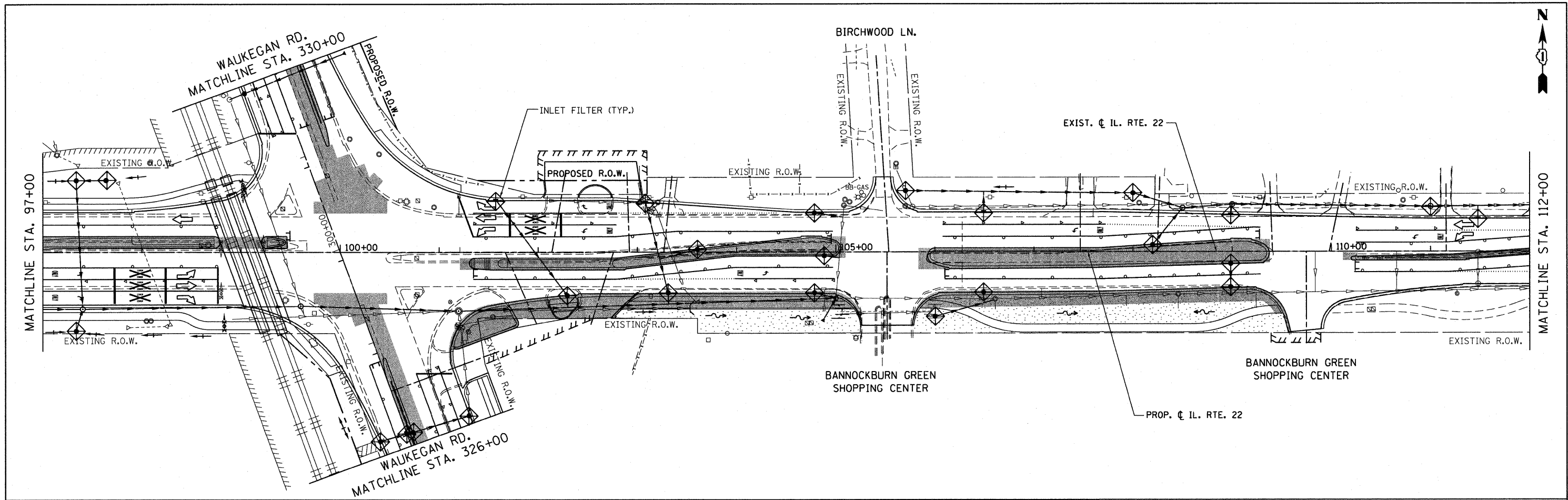
SCALE: 1"=50' SHEET NO. 86 OF 232 SHEETS STA. 45+50.89 TO STA. 67+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	86
				CONTRACT NO. 60860
ILLINOIS FED. AID PROJECT				

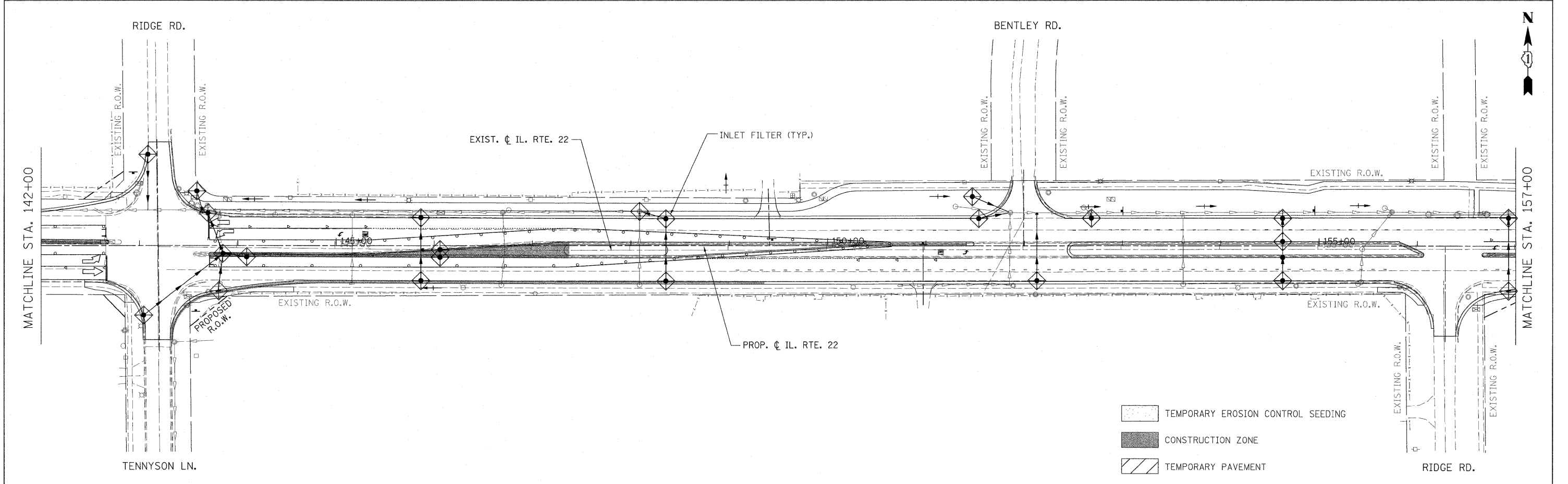
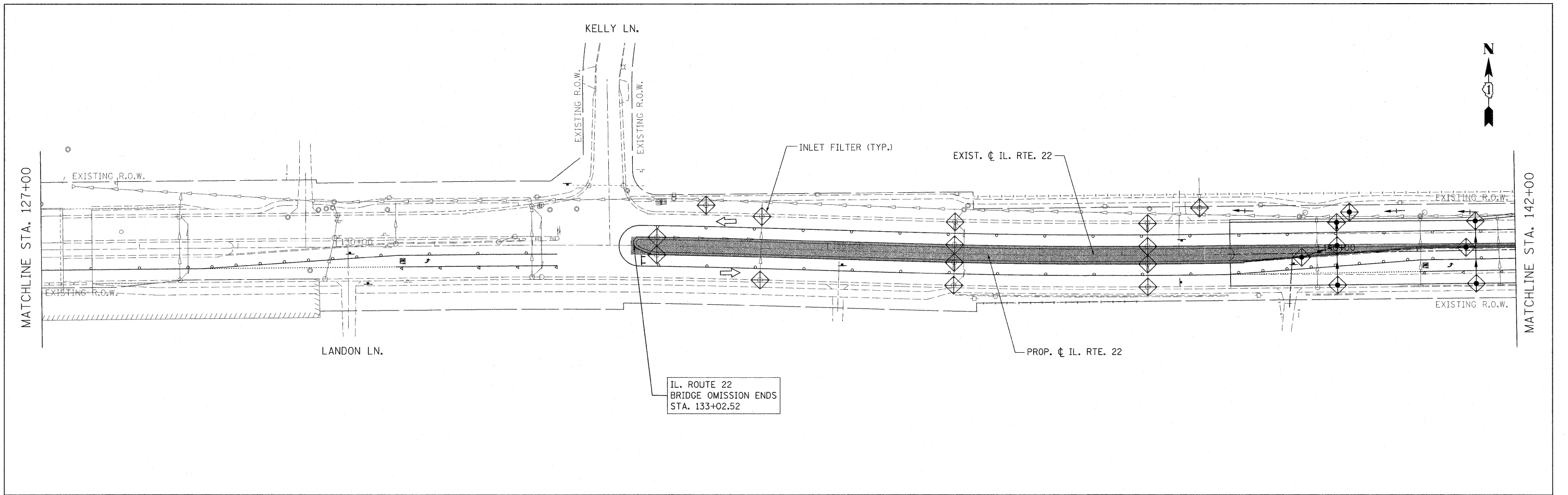





-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT

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PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -									

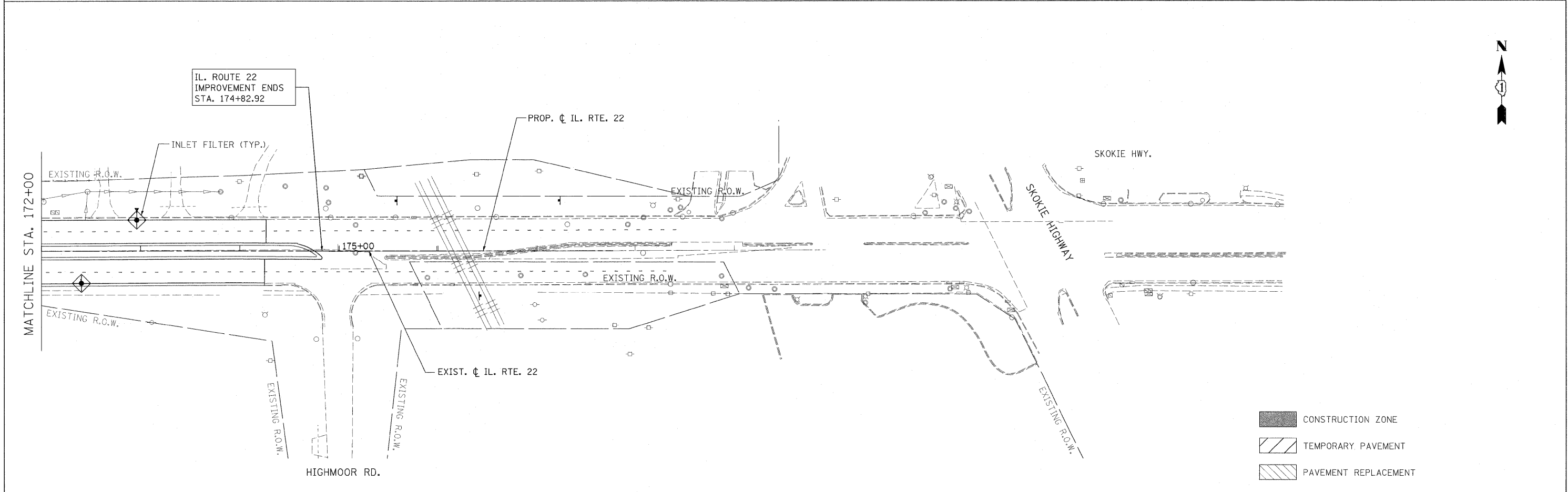
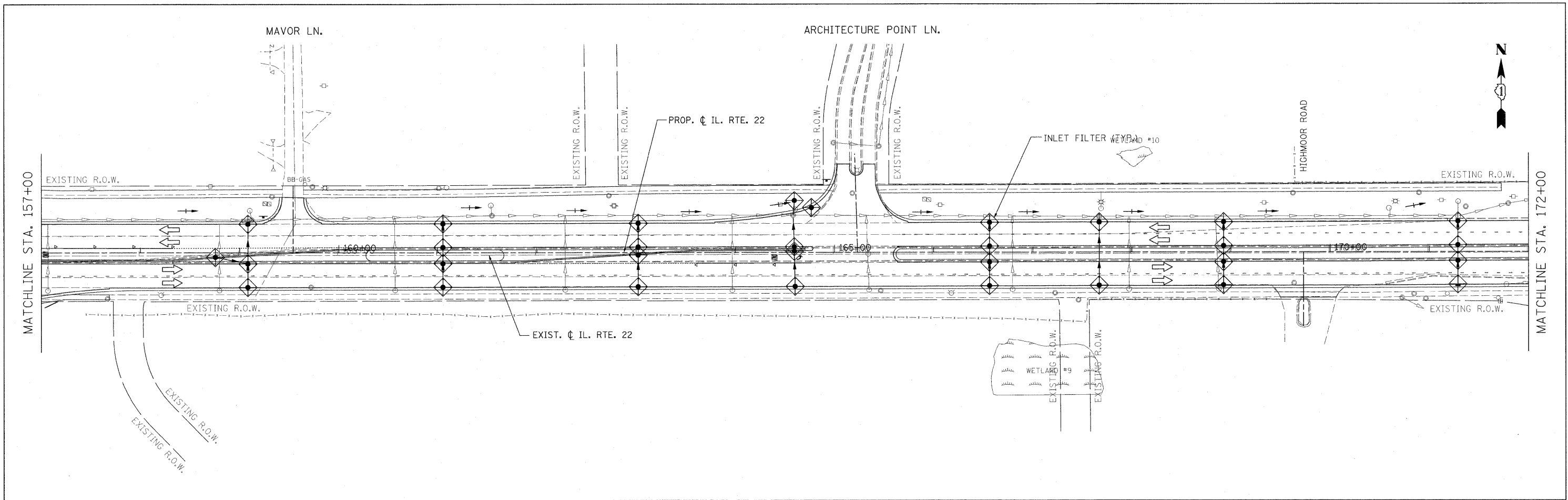





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PLOT DATE = 7/28/2010					DATE - 05/14/2010	ILLINOIS FED. AID PROJECT						



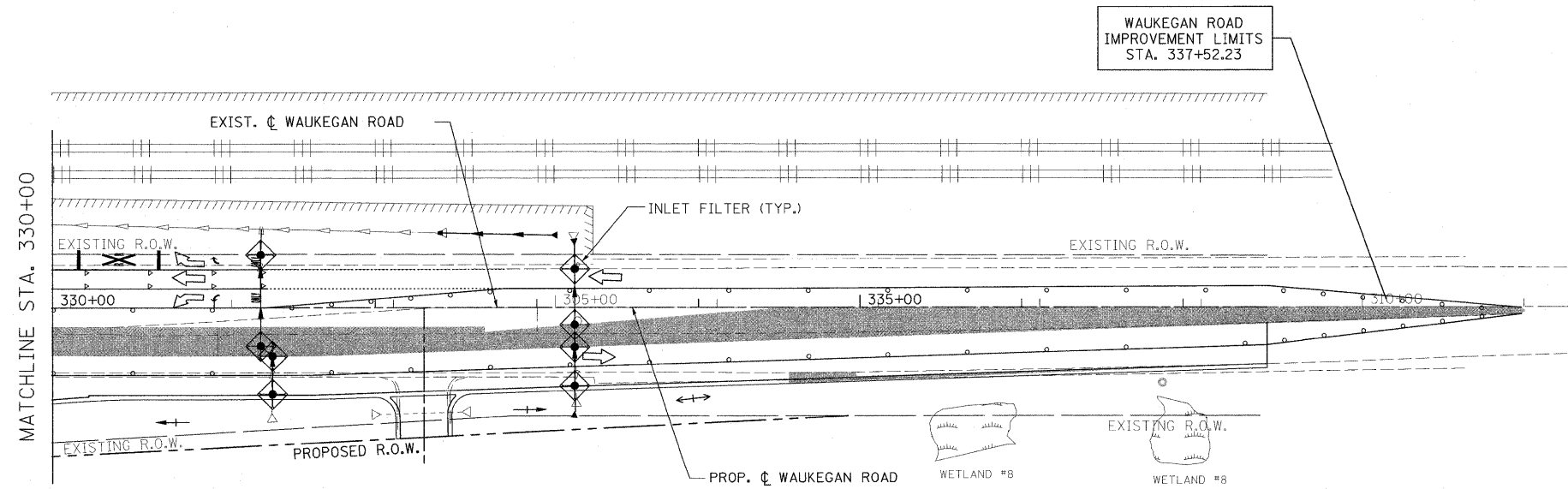
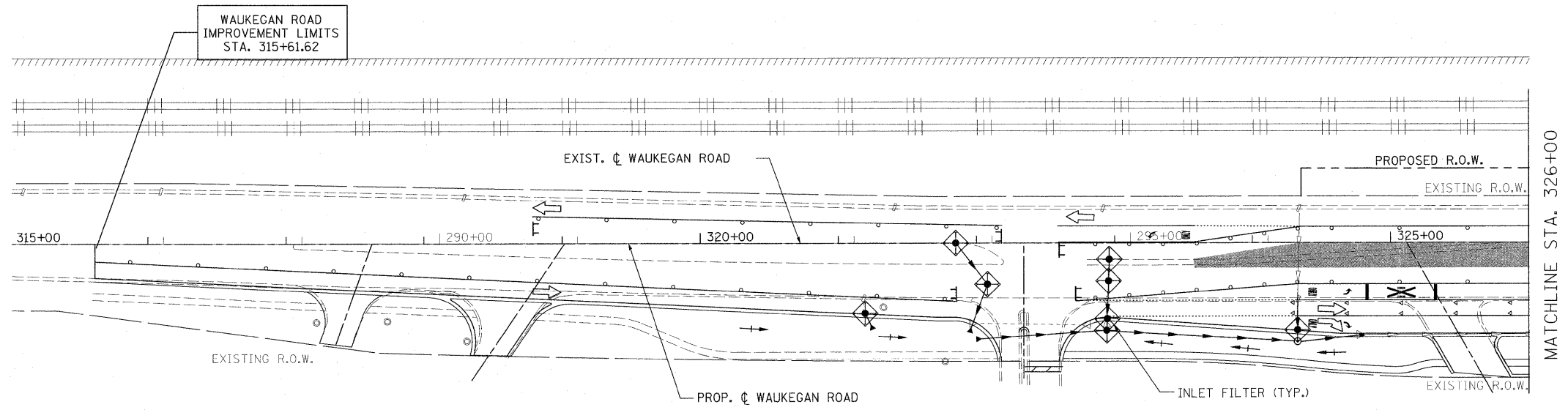
-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT




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PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -								



-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  PAVEMENT REPLACEMENT

FILE NAME = W:\ILRTE22\2009 REVISIONS\CADD Sheets\160860-shr-erosion4.dgn	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 EROSION CONTROL PLAN STAGE 4		F.A.P. RTE. 337	SECTION 20R-4	COUNTY LAKE	TOTAL SHEETS 232	SHEET NO. 90	
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PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -									

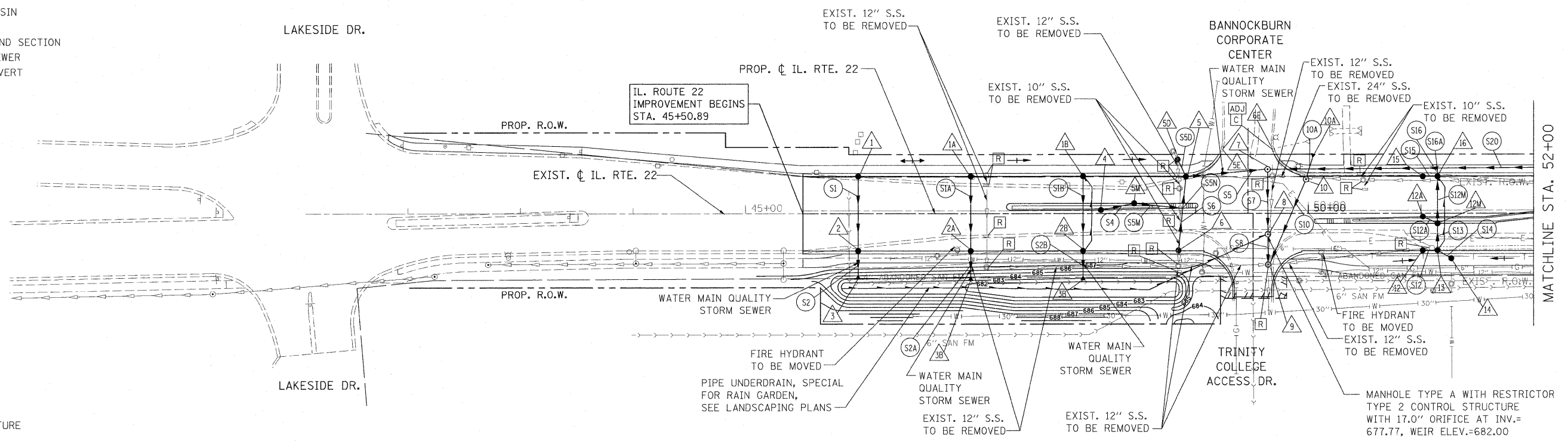


-  TEMPORARY EROSION CONTROL SEEDING
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT

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PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

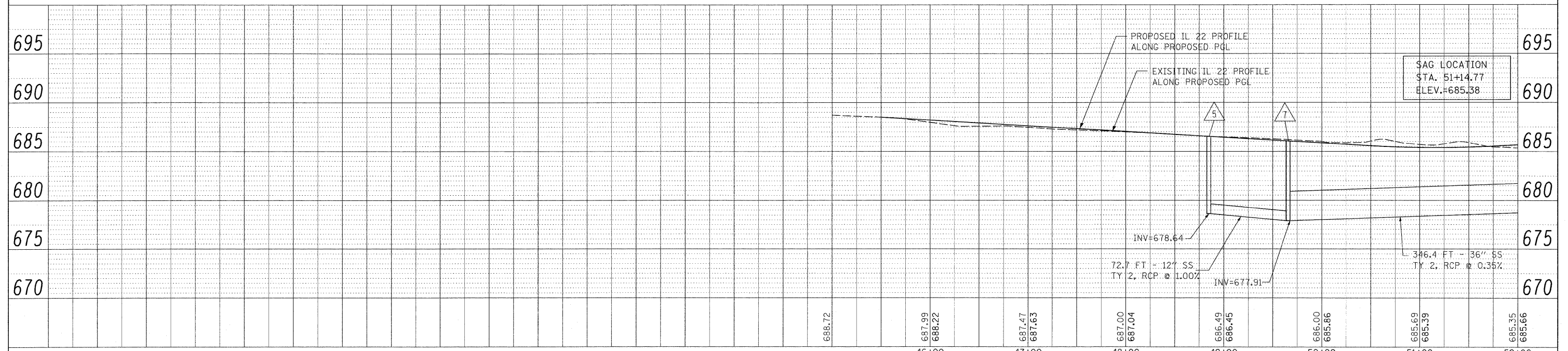


- LEGEND:**
- PROPOSED MANHOLE
 - PROPOSED CATCH BASIN
 - PROPOSED STORM SEWER
 - ▶ PROPOSED FLARED END SECTION
 - EXISTING MANHOLE
 - EXISTING CATCH BASIN
 - ▽ EXISTING INLET
 - ▽ EXISTING FLARED END SECTION
 - EXISTING STORM SEWER
 - - - EXISTING PIPE CULVERT



- △ PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- R EXISTING STRUCTURE TO BE REMOVED
- AB EXISTING STORM SEWER TO BE ABANDONED
- ADJ EXISTING STRUCTURE TO BE ADJUSTED
- C EXISTING STRUCTURE TO BE CLEANED

NOTE:
 STORM WATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURE LOCATIONS - TO THE CENTER OF THE STRUCTURE.



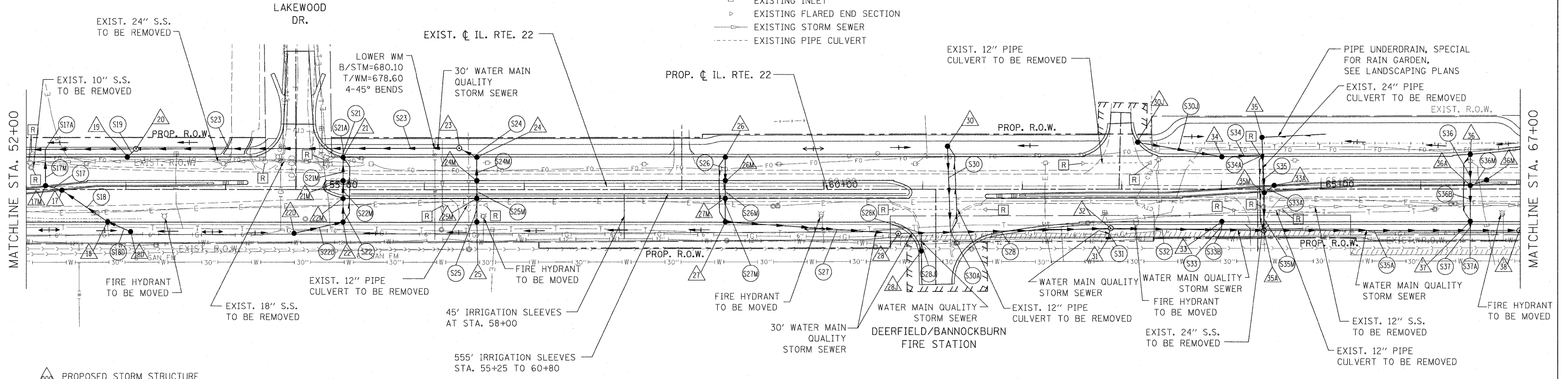
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BY	
REVIEWED	
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NOTE BOOK	
NO.	
STRUCTURE	
NOTATIONS	

DATE	
BY	
REVIEWED	
PLOTTED	
FILED	
NOTE BOOK	
NO.	
STRUCTURE	
NOTATIONS	

FILE NAME =	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 DRAINAGE PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = #SCALE#	CHECKED - JP	REVISED -	REVISED -			CONTRACT NO. 60860				
PLOT DATE = 5/15/2010	DATE - 05/14/2010	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'		SHEET NO. 92 OF 232 SHEETS		STA. 46+48.53 TO STA. 52+00		

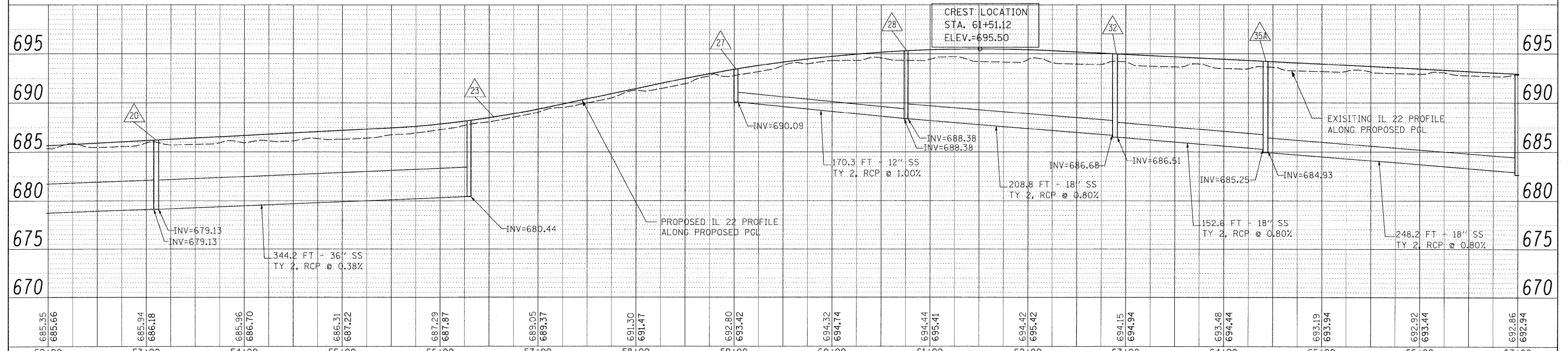


- LEGEND:**
- PROPOSED MANHOLE
 - PROPOSED CATCH BASIN
 - PROPOSED STORM SEWER
 - ▶ PROPOSED FLARED END SECTION
 - EXISTING MANHOLE
 - EXISTING CATCH BASIN
 - ▢ EXISTING INLET
 - ▶ EXISTING FLARED END SECTION
 - EXISTING STORM SEWER
 - - - EXISTING PIPE CULVERT



- △ PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- R EXISTING STRUCTURE TO BE REMOVED
- AB EXISTING STORM SEWER TO BE ABANDONED
- ADJ EXISTING STRUCTURE TO BE ADJUSTED
- C EXISTING STRUCTURE TO BE CLEANED

NOTE:
STORM WATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURE LOCATIONS - TO THE CENTER OF THE STRUCTURE.



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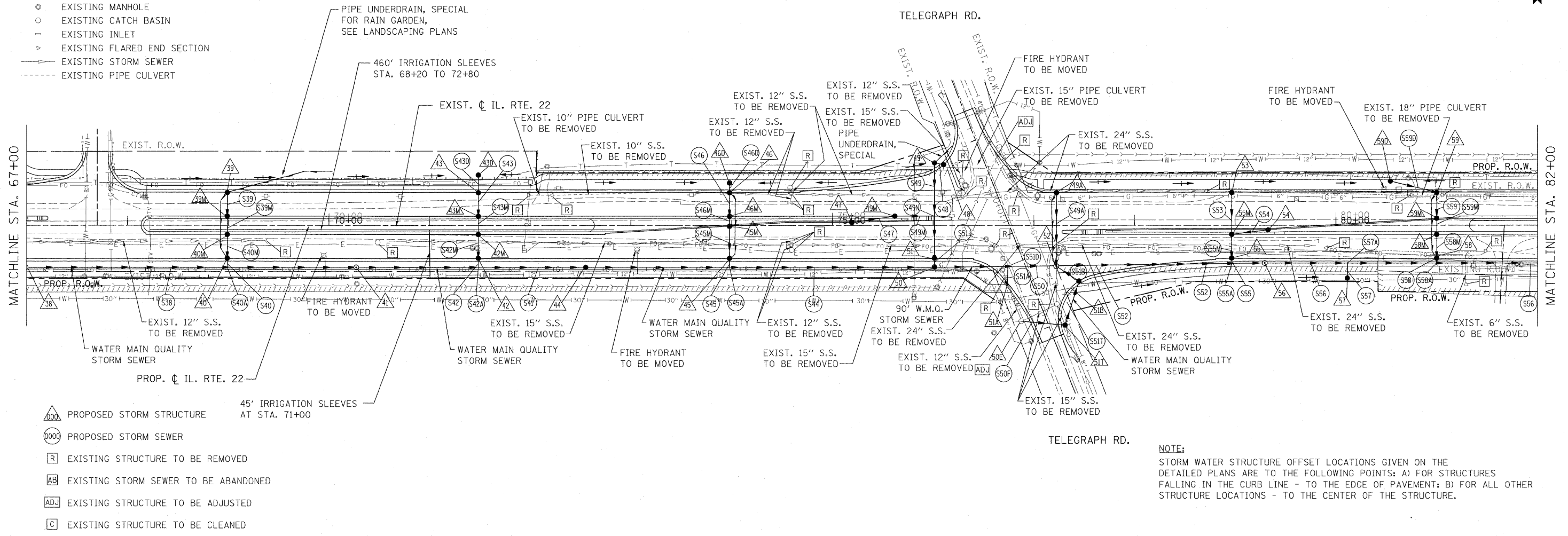
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PLOT SCALE = #SCALE#		CHECKED - JP	REVISED -									
PLOT DATE = 5/15/2010		DATE - 05/14/2010	REVISED -									



LEGEND:

- ⊙ PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER
- ▶ PROPOSED FLARED END SECTION
- ⊙ EXISTING MANHOLE
- EXISTING CATCH BASIN
- ▽ EXISTING INLET
- ▶ EXISTING FLARED END SECTION
- EXISTING STORM SEWER
- - - EXISTING PIPE CULVERT

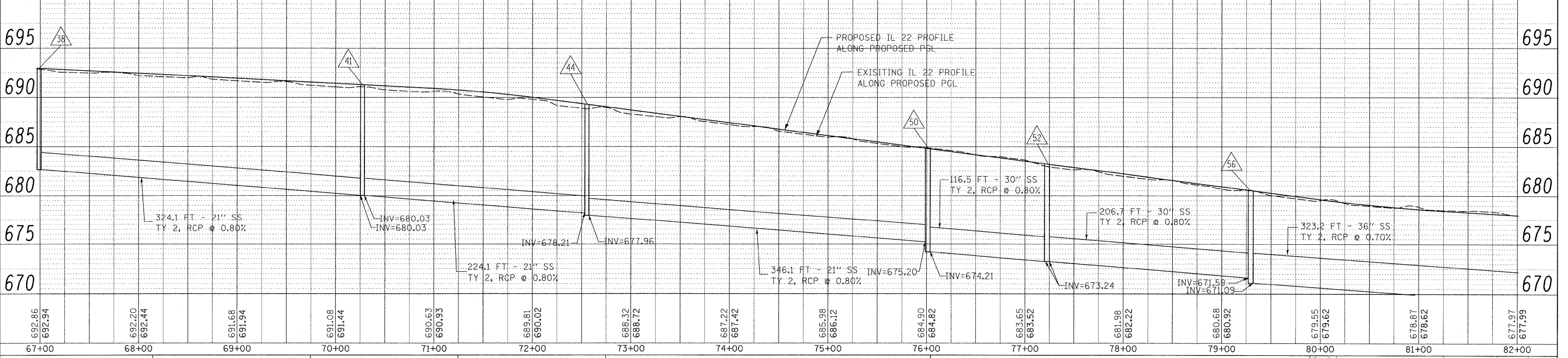
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- △ PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- R EXISTING STRUCTURE TO BE REMOVED
- AB EXISTING STORM SEWER TO BE ABANDONED
- ADJ EXISTING STRUCTURE TO BE ADJUSTED
- C EXISTING STRUCTURE TO BE CLEANED

NOTE:
STORM WATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURE LOCATIONS - TO THE CENTER OF THE STRUCTURE.

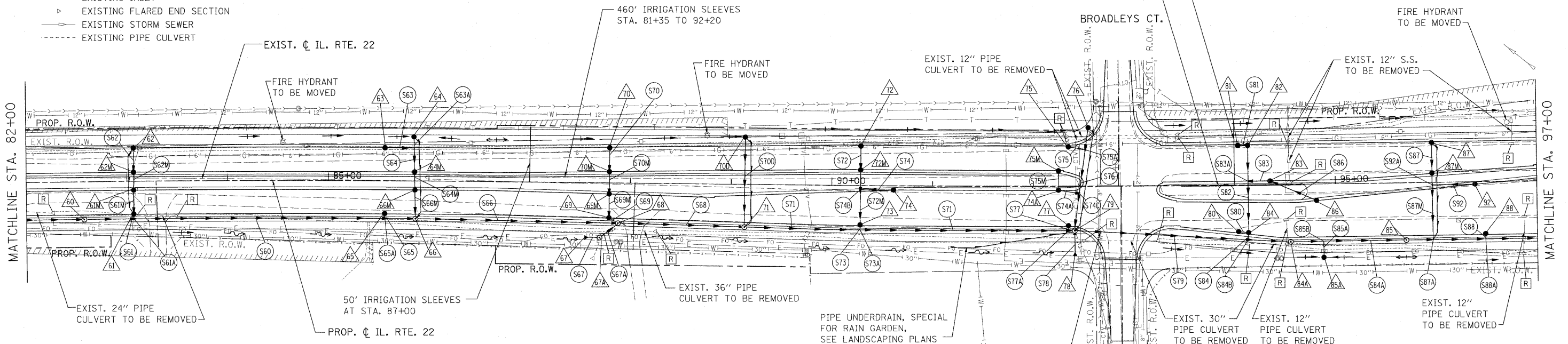
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PLOT DATE = 5/15/2010		CHECKED - JP	REVISED -									
		DATE = 05/14/2010	REVISED -									

LEGEND:

- ⊙ PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER
- ▶ PROPOSED FLARED END SECTION
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- ▽ EXISTING FLARED END SECTION
- EXISTING STORM SEWER
- - - EXISTING PIPE CULVERT

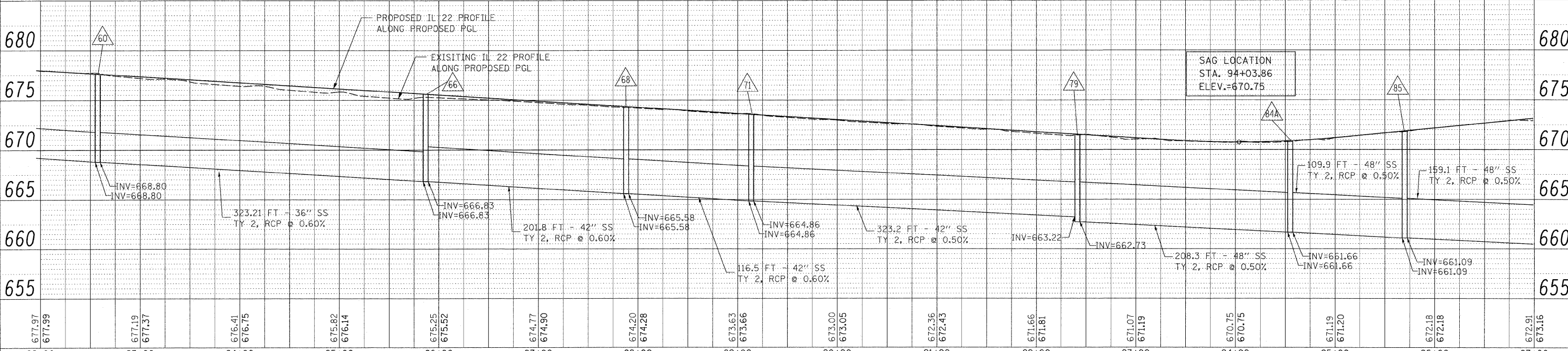


- △ PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- [R] EXISTING STRUCTURE TO BE REMOVED
- [AB] EXISTING STORM SEWER TO BE ABANDONED
- [ADJ] EXISTING STRUCTURE TO BE ADJUSTED
- [C] EXISTING STRUCTURE TO BE CLEANED

RELOCATE WATER VALVE AND LOWER WM B/STM=662.15 T/WM=660.65 4-45° BENDS

30' of WATER MAIN QUALITY STORM SEWER SANITARY SEWER INFORMATION UNAVAILABLE, CONTRACTOR TO FIELD VERIFY

NOTE:
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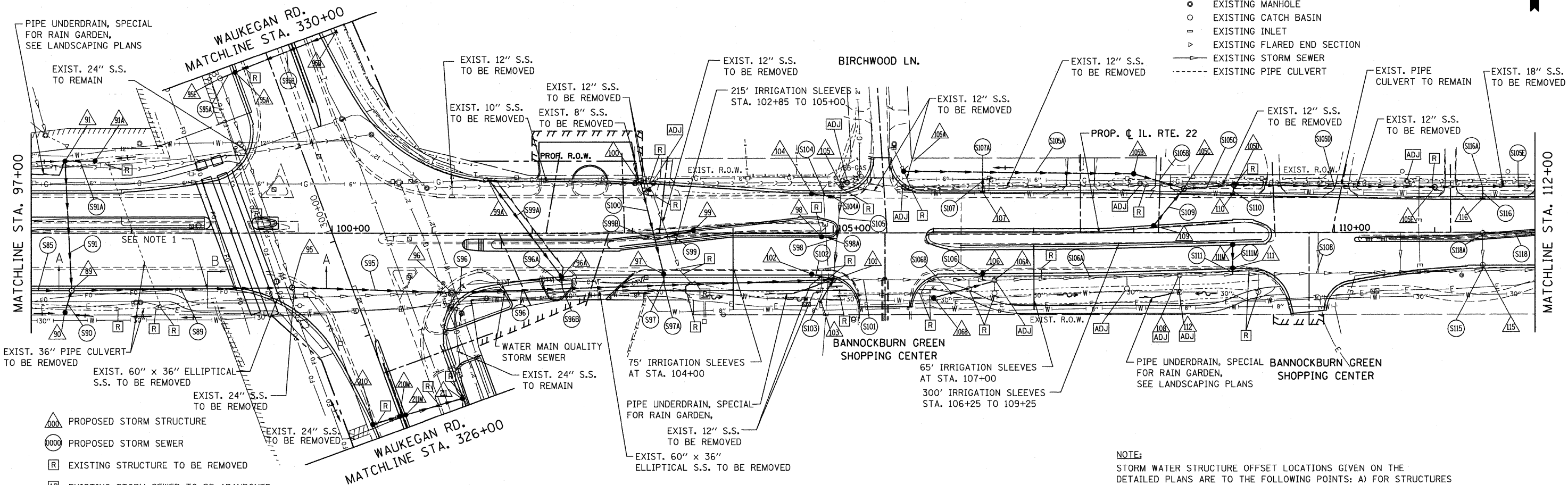
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PROFILE	SURVEYED	DATE
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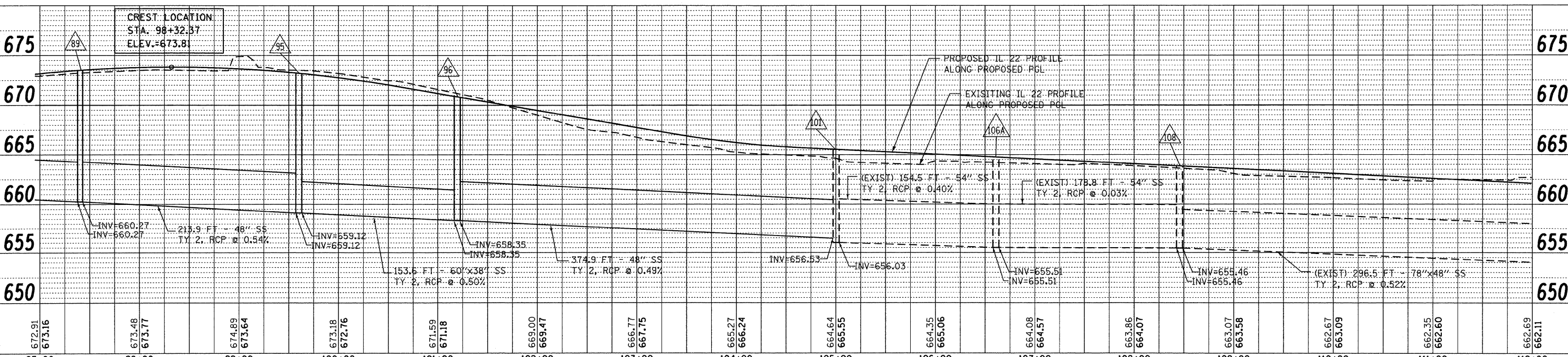
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FILE NAME	



- ▲ PROPOSED STORM STRUCTURE
- PROPOSED STORM SEWER
- [R] EXISTING STRUCTURE TO BE REMOVED
- [AB] EXISTING STORM SEWER TO BE ABANDONED
- [ADJ] EXISTING STRUCTURE TO BE ADJUSTED
- [C] EXISTING STRUCTURE TO BE CLEANED

NOTE 1: SEE DETAIL ON SHEET 173 FOR STORM SEWER JACKED & AUGERED UNDER THE RAILROAD TRACKS



672.91 673.16	673.48 673.77	674.89 673.64	673.18 672.76	671.59 671.18	669.00 669.47	666.77 667.75	665.27 666.24	664.64 665.55	664.35 665.06	664.08 664.57	663.86 664.07	663.07 663.58	662.67 663.09	662.35 662.60	662.69 662.11
97+00	98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00	110+00	111+00	112+00

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DRAWN - MC
CHECKED - JP
DATE - 05/14/2010

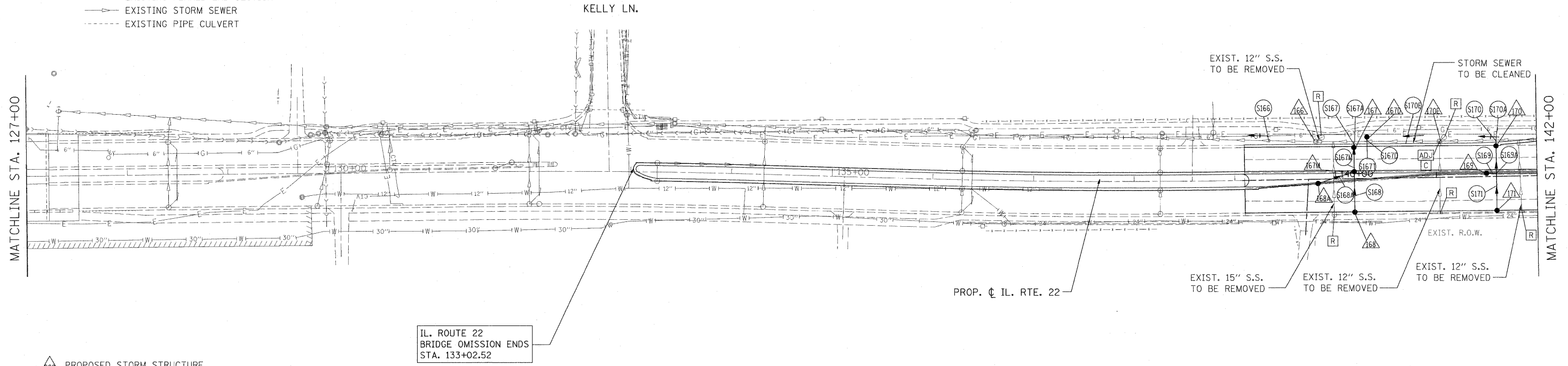
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REVISED - 07/26/2010
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. ROUTE 22
DRAINAGE PLAN AND PROFILE
SCALE: 1"=50'
SHEET NO. 96 OF 232 SHEETS
STA. 97+00 TO STA. 112+00

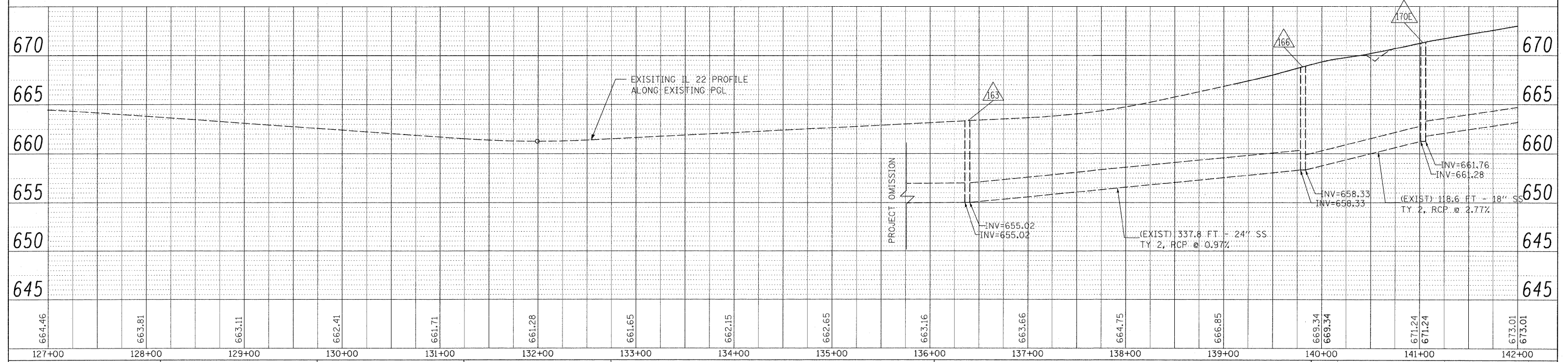
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-4	LAKE	232	96
CONTRACT NO. 60860			ILLINOIS FED. AID PROJECT	

- LEGEND:**
- PROPOSED MANHOLE
 - PROPOSED CATCH BASIN
 - PROPOSED STORM SEWER
 - ▶ PROPOSED FLARED END SECTION
 - EXISTING MANHOLE
 - EXISTING CATCH BASIN
 - EXISTING INLET
 - ▶ EXISTING FLARED END SECTION
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 - EXISTING PIPE CULVERT



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NOTE:
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DATE	
BY	
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SUBMITTED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

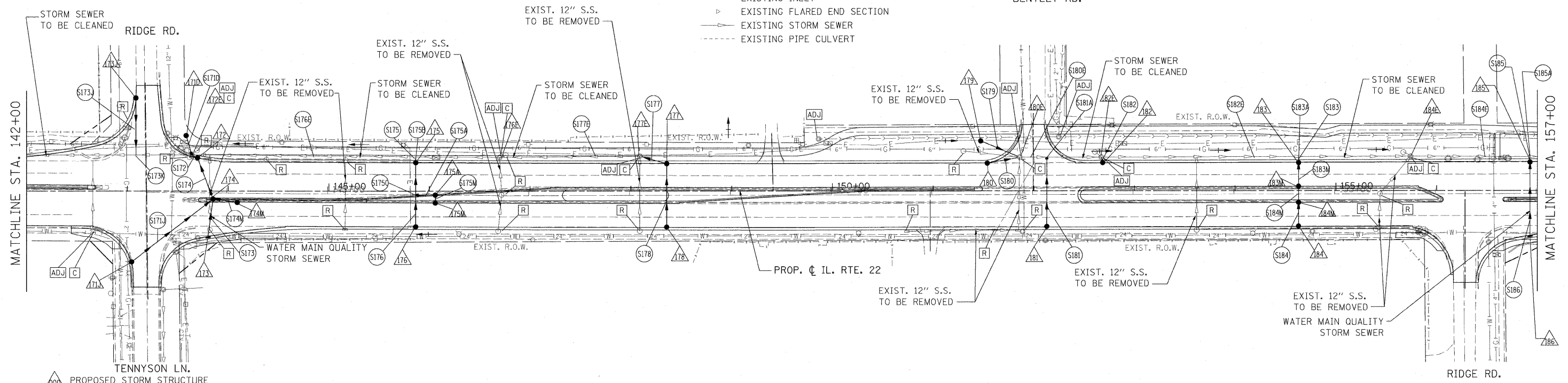
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FILE NAME =	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 DRAINAGE PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 5/15/2010		DATE - 05/14/2010	REVISED -			ILLINOIS FED. AID PROJECT					

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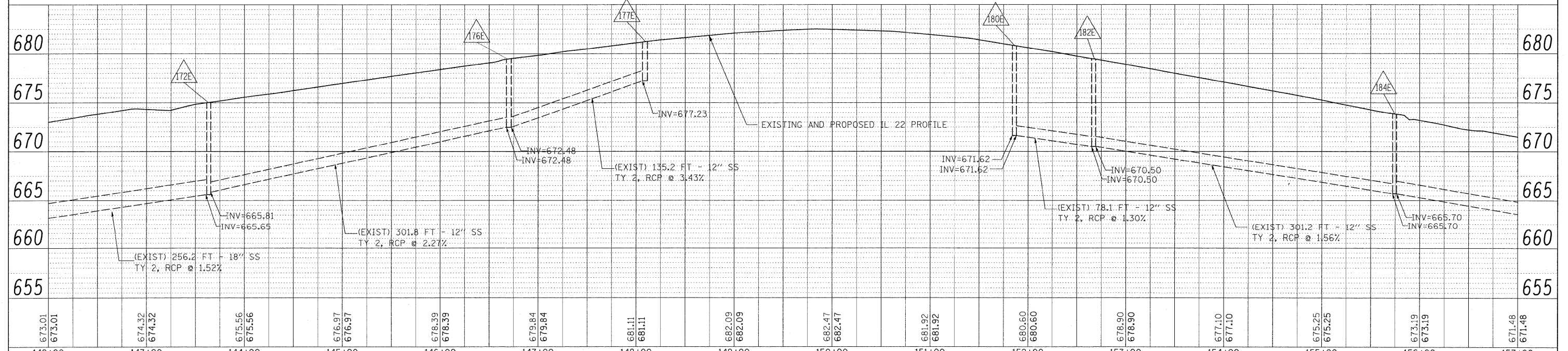
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STRUCTURE NOTATIONS CHECKED	

- LEGEND:**
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 - PROPOSED CATCH BASIN
 - PROPOSED STORM SEWER
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 - EXISTING MANHOLE
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FILE NAME =	USER NAME = #USER#	DESIGNED - LP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 22 DRAINAGE PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 5/15/2010		DATE - 05/14/2010	REVISED -			ILLINOIS FED. AID PROJECT					

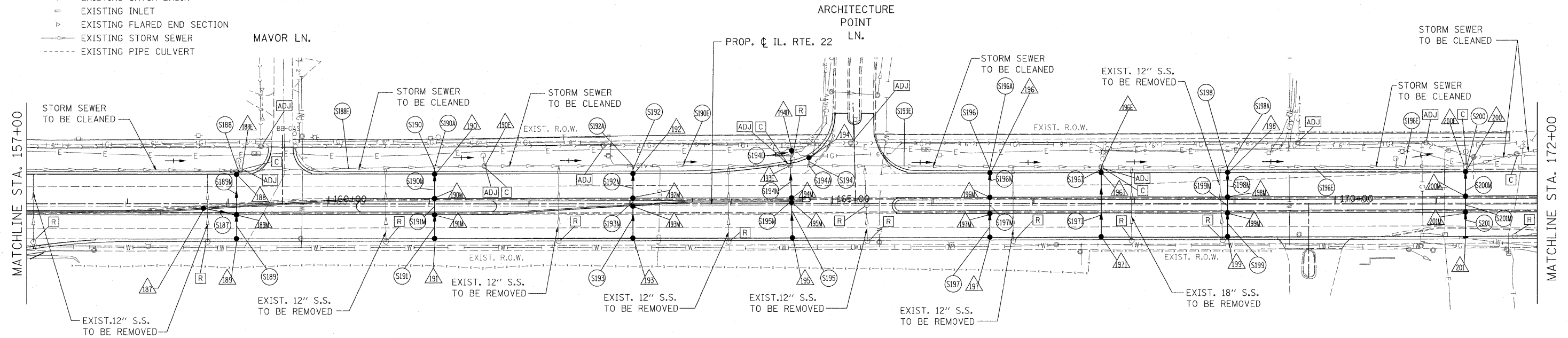
LEGEND:

- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER
- ▶ PROPOSED FLARED END SECTION
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- ▽ EXISTING INLET
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- - - EXISTING PIPE CULVERT



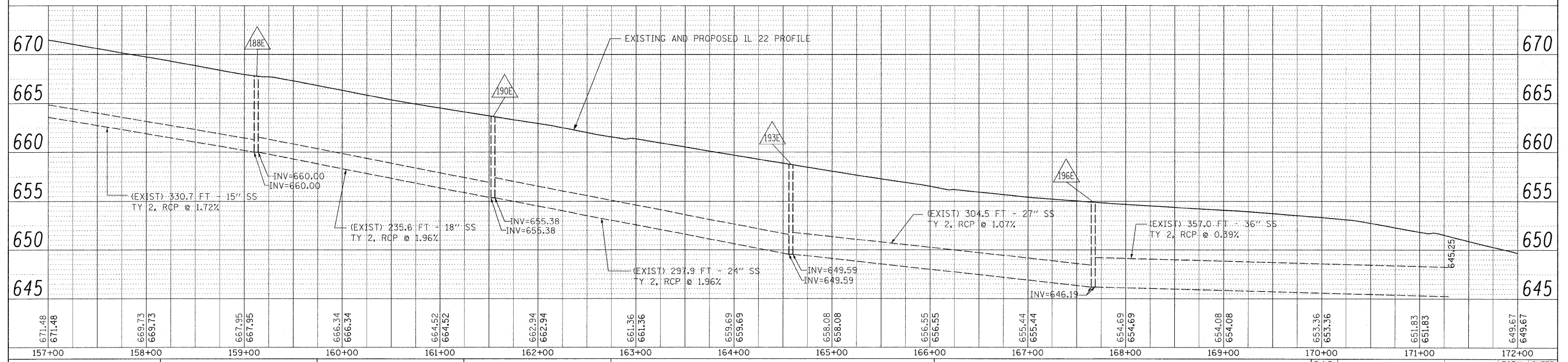
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- ▲ PROPOSED STORM STRUCTURE
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