

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. 80 (INTERSTATE 80)
SECTION (32, 47-4)K
PROJECT NO.: MA-080-4(186)122
KENDALL & GRUNDY COUNTIES

C - 93 - 124 - 02

I-80 @ MINOOKA INTERCHANGE RECONSTRUCTION

R.8E

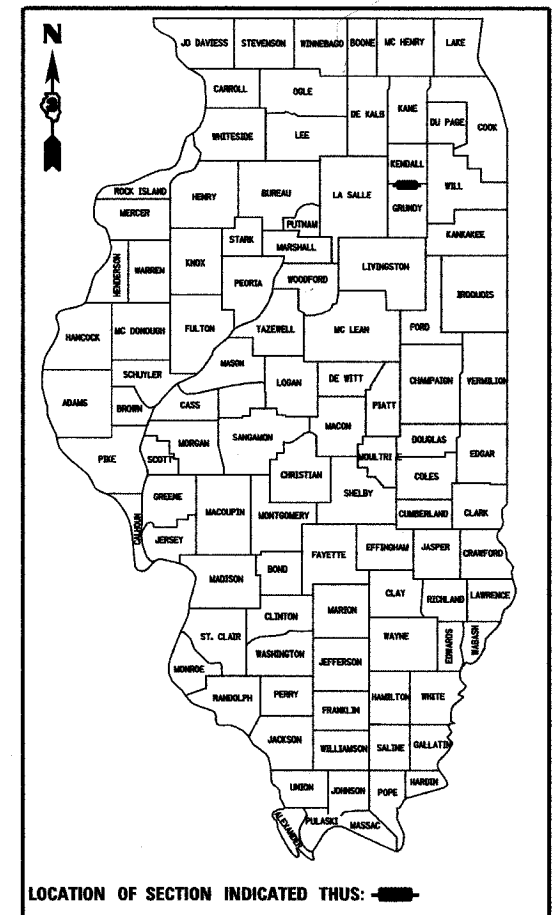
R.9E

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
80	132, 47-4K	KENDALL/GRUNDY	243
PROJECT			1

D-93-025-02

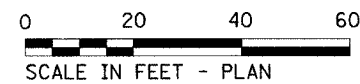
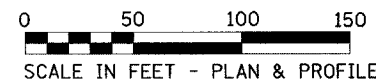
FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION - 1195(24) PRINCIPAL ARTERIAL 13.32 (PCC-20)



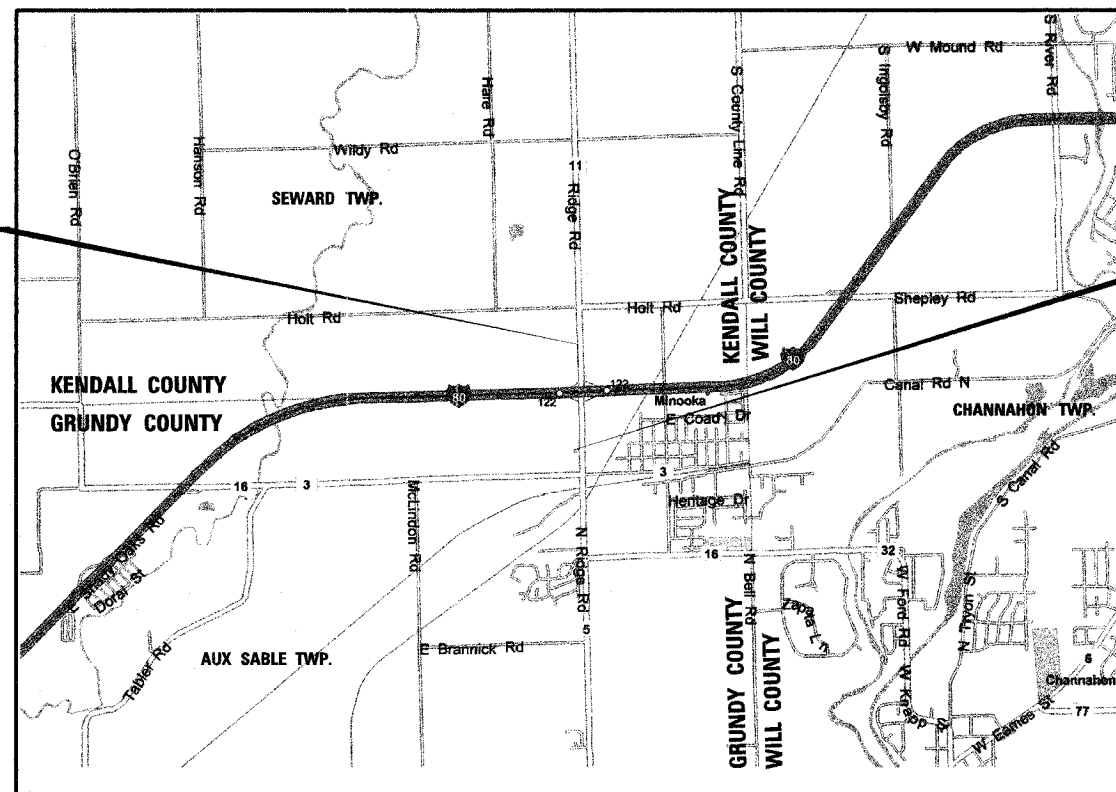
F.A.I. 80 - INTERSTATE
2005 ADT = 50,200 EAST OF RIDGE ROAD
2005 ADT = 43,000 WEST OF RIDGE ROAD
EAST OF RIDGE ROAD P.V. = 78.5% S.U. = 2.9% M.U. = 18.6%
WEST OF RIDGE ROAD P.V. = 78.5% S.U. = 2.9% M.U. = 18.6%

RIDGE ROAD - PRINCIPAL ARTERIAL
2005 ADT = 6,200 NORTH OF I-80
2005 ADT = 15,600 SOUTH OF I-80
NORTH OF I-80 P.V. = 91% S.U. = 5% M.U. = 4%
SOUTH OF I-80 P.V. = 86% S.U. = 4% M.U. = 10%



END IMPROVEMENT
STA. 1025 + 50.00

BEGIN IMPROVEMENT
STA. 1000 + 30.00



LOCATION MAP
SCALE: 1" = 300'

REFERENCE PROJECTS:
I-80 RECONSTRUCTION
CONTRACT NO. 66044
CONTRACT NO. 66051

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS _____

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION (J.U.L.I.E.)
CALL TOLL FREE 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: DAVE BROVIAK
UNIT CHIEF: MARK JONES
TOWNSHIP: AUX SABLE, SEWARD
CONTRACT NO. 66294

GROSS & NET LENGTH FOR RIDGE = 2,520 FT. = 0.477 MI.
GROSS & NET LENGTH FOR I-80 RAMPS = 7,990 FT. = 1.513 MI.

T.34N

T.34N

GREGORY J. HATLESTAD, S.E.
081-005562
EXP. 11-30-2006
DATE 02-09-2006

JARROD J. CEBULSKI, P.E.
IL. REG. NO. 062-050473
EXP. 11-30-2007
DATE 02-09-2006

P.K. GANDHI, P.E.
IL. REG. NO. 062-034993
EXP. 11-30-2007
DATE 02-09-2006
SIGNATURE AND SEAL APPLY TO
DRWG. NOS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEB 14 20 06

Deputy Director of Highways, Region Engineer
March 24, 2006
Engineer of Design and Environment

March 24, 2006
Director of Highways, Chief Engineer

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OF THE STATE OF ILLINOIS**

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

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COMMITMENTS

- A COMMITMENT WAS MADE TO THE VILLAGE OF MINOOKA TO INCLUDE LANDSCAPING AS PART OF THE INTERCHANGE RECONSTRUCTION. A SEPARATE LANDSCAPING CONTRACT WILL BE PREPARED, COORDINATED WITH THE VILLAGE, AND LET FOLLOWING THE COMPLETION OF THIS PROJECT.
- A COMMITMENT WAS MADE TO THE VILLAGE OF MINOOKA THAT ALL BOX CULVERTS UNDER RIDGE ROAD SHALL BE CAST-IN-PLACE.
- A COMMITMENT WAS MADE TO THE McCOY'S CITGO GAS STATION AND THE TRI-CITY MOTORS TO MAINTAIN ONE (1) OF THEIR TWO (2) ENTRANCES AT EACH LOCATION OPEN AT ALL TIMES DURING CONSTRUCTION. THERE ARE TWO (2) ENTRANCES TO EACH OF THESE PROPERTIES AND IT WAS AGREED THAT ONLY ONE ENTRANCE TO EACH PROPERTY WOULD BE CONSTRUCTED AT A TIME AS OPPOSED TO USING STAGE CONSTRUCTION AND PERFORMING WORK ON BOTH DRIVEWAYS AT THE SAME TIME.
- A COMMITMENT WAS MADE TO THE PILOT TRUCK STOP TO CONSTRUCT "HEAVY-DUTY" CURB & GUTTER TO MATCH THAT WHICH EXISTS AT THE LOCATION WHERE THEIR EXISTING CURB & GUTTER WILL BE DISTURBED ALONG THEIR PARKING LOT. THE DETAILS OF THIS SPECIAL CURB & GUTTER ARE INCLUDED IN THE PLANS.
- THE CONTRACTOR IS ADVISED OF AN ESTIMATED 16 WEEK DELAY WHEN SPECIAL ORDERING THE REQUIRED 480V SERVICE FOR THIS PROJECT. CALL COMMONWEALTH EDISON'S "NEW ELECTRIC" PHONE NUMBER (866-639-3532) AS SOON AS THE CONTRACT IS AWARDED TO EXPEDITE THE INSTALLATION OF 480V SERVICE FOR THE ROADWAY LIGHTING. WHEN CALLING, REFER TO THE MASTER ACCOUNT NUMBER 7715039005 AND THE SUB-ACCOUNT NUMBER 630429006.

STATE STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-06	PAVEMENT JOINTS
420111-01	PCC PAVEMENT ROUNDOUTS
420206-06	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420306-05	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
421001-01	BAR REINFORCEMENT FOR CRC PAVEMENT
421101-05	7.2m (24') CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
424001-04	CURB RAMPS FOR SIDEWALKS
483001-02	PCC SHOULDER
542101	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 375 MM (15") THRU 900 MM (36") DIAMETER AT RIGHT ANGLE WITH ROADWAY
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1350 MM (54") PIPE)
601001	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN, TYPE A
602011	CATCH BASIN, TYPE C
602301-01	INLET, TYPE A
602401-01	MANHOLE, TYPE A
604001-02	FRAME AND LIDS, TYPE 1
604036-01	GRATE, TYPE 8
604086-01	FRAME AND GRATE, TYPE 23
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006	OUTLETS FOR CONC. CURB AND GUTTER TYPE B-15.60 (B-6.24)
606301-02	PC CONCRETE ISLANDS AND MEDIANS
606306-01	CORRUGATED PC CONCRETE MEDIANS
630001-06	STEEL PLATE BEAM GUARDRAIL
630101-06	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630201-03	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-03	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-02	TRAFFIC BARRIER TERMINAL TYPE 2
635001	DELINEATORS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
665001-01	WOVEN WIRE FENCE
666001	RIGHT-OF-WAY MARKERS
667101	PERMANENT SURVEY MARKERS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5m (15') AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
701011-01	OFF-ROAD MOVING OPERATIONS, 2L 2W, DAY ONLY, FOR SPEEDS >=45 MPH
701301-02	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701311-02	LANE CLOSURE, 2L 2W, MOVING DAY ONLY OPERATIONS
701326-02	LANE CLOSURE, 2L 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701406-04	LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411-03	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >=45 MPH
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-04	URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-06	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021-01	SIGN PANELS EXTRUDED ALUMINUM TYPE
729001	APPLICATION OF TYPE A AND B METAL POSTS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
813001-01	JUNCTION BOXES
814001	CONCRETE HANDHOLES
814006	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL ASSEMBLY AND POLE
878001-04	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

- THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- THE BITUMINOUS SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE BITUMINOUS SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS FOR THE HANDICAPPED (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.
- ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
- THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.
- MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: SBC, COMED, NICOR, VILLAGE OF MINOOKA, & KINDER MORGAN.
- IN THE EVENT THAT CONSTRUCTION OPERATIONS RESULT IN A DROP OFF GREATER THAN 3" BETWEEN THE EDGE OF PAVEMENT OR EDGE OF SHOULDER WITHIN 3' OF THE EDGE OF PAVEMENT AND THE EARTH OR AGGREGATE SHOULDERS, THEN THE DROP OFF SHALL BE PROTECTED ACCORDING TO ARTICLE 701.04(B)(1) OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR TRAFFIC CONTROL.
- DELINEATOR REMOVAL SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

MATERIAL	AMOUNT	UNIT
GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.08	GAL / SQ YD
	0.375	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
BITUMINOUS RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
	9	BALES OR
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Rick Powell*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 2.14.06

EXAMINED BY: *Robert R. Long*
DISTRICT CONSTRUCTION ENGINEER
Kenneth R. Long
DISTRICT MATERIALS ENGINEER
James C. Hunsicker
DISTRICT OPERATIONS ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
GENERAL NOTES, STANDARDS, INDEX OF SHEETS
AND COMMITMENTS

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	CONSTRUCTION TYPE CODE					
				90% FED ROADWAY 10% STATE		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	Y031-1F (KENDALL)	Y031-1F (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	474	242	232				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	391	131	260				
20101000	TEMPORARY FENCE	FOOT	1,215	315	900				
20101700	SUPPLEMENTAL WATERING	UNIT	539.5	321.3	218.2				
20200100	EARTH EXCAVATION	CU YD	84,795	54,875	29,920				
20400800	FURNISHED EXCAVATION	CU YD	1,615	560	1,055				
20700220	POROUS GRANULAR EMBANKMENT	CU YD	39	19	20				
20800150	TRENCH BACKFILL	CU YD	872	318	554				
20900110	POROUS GRANULAR BACKFILL	CU YD	4,799	355	4,444				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	46,648	25,244	21,404				
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	11,220	6,760	4,460				
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	1,000	500	500				
* 25000210	SEEDING, CLASS 2A	ACRE	21.25	12.75	8.50				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,913	1,148	765				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,913	1,148	765				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,913	1,148	765				
* 25100115	MULCH, METHOD 2	ACRE	17.25	10.75	6.50				
25100630	EROSION CONTROL BLANKET	SQ YD	20,960	10,365	10,595				
* 25200110	SODDING, SALT TOLERANT	SQ YD	6,576	3,239	3,337				
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,230	1,328	902				
28000300	TEMPORARY DITCH CHECKS	EACH	135	68	67				
28000400	PERIMETER EROSION BARRIER	FOOT	5,985	2,427	3,558				
28000500	INLET AND PIPE PROTECTION	EACH	40	16	24				
28101400	RIPRAP	SQ YD	81.0	56.0	25.0				
28102500	STONE RIPRAP DITCH	SQ YD	309	235	74				
28200200	FILTER FABRIC	SQ YD	390.0	291.0	99.0				
* X0325236	BICYCLE RAILING TO BE REMOVED AND REINSTALLED	FOOT	31	0	31				
31200100	STABILIZED SUB-BASE 4"	SQ YD	29,199	16,109	13,090				
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	28	0	28				
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	637	401	236				
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	363	135	228				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	5	5				

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: 2/10/06

DRAWN BY: NJS
CHECKED BY: JJC



F.A.I. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	90% FED ROADWAY 10% STATE		50% STATE 50% MINOOKA		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	SFTY-1B (KENDALL)	SFTY-1B (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	26,184	14,822	11,362				
42001300	PROTECTIVE COAT	SQ YD	39,759	22,047	17,712				
42100380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"	SQ YD	9,384	5,105	4,279				
X0325237	TRANSVERSE TERMINAL JOINT COMPLETE, 12'	EACH	2	1	1				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH	SQ YD	1,337	487	850				
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7,205			2,387	4,818		
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	701	245	456				
44000100	PAVEMENT REMOVAL	SQ YD	26,894	13,635	13,259				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,235	907	328				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,577	535	2,042				
44000600	SIDEWALK REMOVAL	SQ FT	289	0	289				
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	6,517	3,406	3,111				
44004000	PAVED DITCH REMOVAL	FOOT	681	632	49				
44213200	SAW CUTS	FOOT	5,189	2,924	2,265				
48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	516	516	0				
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2,123	1,232	891				
48300500	PORTLAND CEMENT CONCRETE SHOULDERS, 10"	SQ YD	4,439	2,349	2,090				
50102400	CONCRETE REMOVAL	CU YD	14.1	1.7	12.4				
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	5	5				
50104650	SLOPE WALL REMOVAL	SQ YD	204	100	104				
50105200	REMOVE EXISTING CULVERTS	EACH	1	1	0				
50105210	REMOVE EXISTING CULVERTS	FOOT	206	101	105				
50200100	STRUCTURE EXCAVATION	CU YD	2,875	75	2,800				
50300225	CONCRETE STRUCTURES	CU YD	49.5	24.9	24.6				
50800105	REINFORCEMENT BARS	POUND	135,430	1,840	133,590				
51205200	TEMPORARY SHEET PILING	SQ FT	4,760	0	4,760				
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1	1	0				
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	2	2	0				
54002080	EXPANSION BOLTS 3/4 INCH X 18 INCH	EACH	16	16	0				
54003000	CONCRETE BOX CULVERTS	CU YD	547.8	0.0	547.8				
54010805	PRECAST CONCRETE BOX CULVERT 8' X 5'	FOOT	96	96	0				
X0325249	PRECAST CONCRETE BOX CULVERT 7.5' X 2'	FOOT	72	72	0				

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SUMMARY OF QUANTITIES

SCALE: NONE

DRAWN BY: NJS

DATE: 2/10/06

CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	90% FED ROADWAY 10% STATE		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	Y031-1F (KENDALL)	Y031-1F (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
5421A012	PIPE CULVERTS, CLASS A, TYPE 1, 12" (TEMPORARY)	FOOT	97	97	0				
5421A024	PIPE CULVERTS, CLASS A, TYPE 1, 24" (TEMPORARY)	FOOT	65	0	65				
5421A036	PIPE CULVERTS, CLASS A, TYPE 1, 36" (TEMPORARY)	FOOT	38	0	38				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	1	1	0				
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTION 18"	EACH	1	0	1				
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH	1	0	1				
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTION 36"	EACH	2	1	1				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	299	299	0				
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,328	608	720				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	176	176	0				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	304	0	304				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	285	265	20				
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	50	0	50				
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	428	3	425				
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	765	0	765				
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	474	0	474				
550A0800	STORM SEWERS, CLASS A, TYPE 3 60"	FOOT	688	0	688				
55100500	STORM SEWER REMOVAL 12"	FOOT	47	0	47				
55101200	STORM SEWER REMOVAL 24"	FOOT	265	225	40				
55101600	STORM SEWER REMOVAL 36"	FOOT	2,386	0	2,386				
*56400100	FIRE HYDRANTS TO BE MOVED	EACH	3	0	3				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	19	13	6				
60100925	PIPE DRAINS 8"	FOOT	100	50	50				
60100935	PIPE DRAINS 10"	FOOT	100	50	50				
60100945	PIPE DRAINS 12"	FOOT	100	50	50				
60108100	PIPE UNDERDRAINS, 4" (SPECIAL)	FOOT	705	373	332				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	4	1				
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	21	8	13				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	0	1				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4	0				
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	0	1				
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	0	1				

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	90% FED ROADWAY 10% STATE		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	Y031-1F (KENDALL)	Y031-1F (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	1	4				
60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	0	4				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	0	1				
60255500	MANHOLES TO BE ADJUSTED	EACH	3	0	3				
60500040	REMOVING MANHOLES	EACH	9	0	9				
60500060	REMOVING INLETS	EACH	7	1	6				
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6.6	6.6	0.0				
60602800	CONCRETE GUTTER, TYPE B	FOOT	39	18	21				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	74	0	74				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6,014	3,304	2,710				
60611600	COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)	FOOT	97	0	97				
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	5,092	3,586	1,506				
60620300	CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)	SQ FT	2,564	1,206	1,358				
60624600	CORRUGATED MEDIAN	SQ FT	1,849	1,071	778				
60625800	ISLAND PAVEMENT (SPECIAL)	SQ YD	174	63	111				
61100605	Misc CONCRETE	CU YD	2	1	1				
61101009	STORM SEWERS, PROTECTED, CLASS A, 8"	FOOT	500	250	250				
61101011	STORM SEWERS, PROTECTED, CLASS A, 10"	FOOT	500	250	250				
61101013	STORM SEWERS, PROTECTED, CLASS A, 12"	FOOT	500	250	250				
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	16	8	8				
61140000	STORM SEWERS, SPECIAL 8"	FOOT	1,000	500	500				
61140100	STORM SEWERS, SPECIAL 10"	FOOT	1,000	500	500				
61140200	STORM SEWERS, SPECIAL 12"	FOOT	1,000	500	500				
* 63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	1,212.5	212.5	1,000.0				
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	12.5	12.5	0.0				
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	2	2				
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	EACH	5	2	3				
63200310	GUARDRAIL REMOVAL	FOOT	2,083	1,049	1,034				
63500105	DELINEATORS	EACH	136	73	63				
66500105	WOVEN WIRE FENCE, 4'	FOOT	3,923	2,233	1,690				
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	4,162	2,398	1,764				
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	28	12	16				

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 2/10/06

DRAWN BY: NJS
 CHECKED BY: JJC



← 90% FED 10% STATE →

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	ROADWAY		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	Y031-1F (KENDALL)	Y031-1F (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	242	55	187				
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	0.5	0.5				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	7	7				
67100100	MOBILIZATION	L SUM	1	0.5	0.5				
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0.5	0.5				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	214	107	107				
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94	47	47				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	16,046	8,784	7,262				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	360	143	217				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	467	382	85				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	267	83	184				
* 70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	858	390	468				
* 70300520	PAVEMENT MARKING TAPE, TYPE III, 4"	FOOT	55,774	29,675	26,099				
* 70300540	PAVEMENT MARKING TAPE, TYPE III, 6"	FOOT	7,124	3,481	3,643				
* 70300550	PAVEMENT MARKING TAPE, TYPE III, 8"	FOOT	11,322	5,391	5,931				
* 70300560	PAVEMENT MARKING TAPE, TYPE III, 12"	FOOT	3,324	1,499	1,825				
* 70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	731	394	337				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	35,339	17,902	17,437				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	325	325	0				
70500100	TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	462.5	0.0	462.5				
70500615	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	2	0	2				
70500625	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	0	2				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	23			9	14		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	20.0	20.0	0.0				
* 72000300	SIGN PANEL - TYPE 3	SQ FT	807.5	432.0	375.5				
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	1	1				
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	85.0	85.0	0.0				
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	1	1				
73000100	WOOD SIGN SUPPORT	FOOT	52	26	26				
73200100	CONCRETE FOUNDATIONS FOR WOOD SIGN SUPPORTS	EACH	4	2	2				
73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	60	30	30				

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JUC



← 90% FED 10% STATE →

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	ROADWAY		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	Y031-1F (KENDALL)	Y031-1F (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	28.1	14.1	14.0				
* 78008300	POLYUREA PAVEMENT MARKING, TYPE II - LETTERS AND SYMBOLS	SQ FT	546	265	281				
* 78008310	POLYUREA PAVEMENT MARKING, TYPE II - LINE 4"	FOOT	15,598	8,484	7,114				
* 78008330	POLYUREA PAVEMENT MARKING, TYPE II - LINE 6"	FOOT	2,629	1,324	1,305				
* 78008340	POLYUREA PAVEMENT MARKING, TYPE II - LINE 8"	FOOT	11,322	5,391	5,931				
* 78008350	POLYUREA PAVEMENT MARKING, TYPE II - LINE 12"	FOOT	2,965	1,427	1,538				
* 78008370	POLYUREA PAVEMENT MARKING, TYPE II - LINE 24"	FOOT	336	185	151				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	100	54	46				
78200410	GUARDRAIL MARKERS, TYPE A	EACH	26	8	18				
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	2	3				
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,170	267	903				
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1					0.5	0.5
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	500					180	320
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	30					30	
81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	293			148	145		
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	1,777			862	915		
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	315			119	196		
X0325242	CONDUIT IN TRENCH, 2 1/2" DIA., PVC, SCHEDULE 80	FOOT	558			485	73		
X0933900	PVC CONDUIT IN TRENCH 3" (SCHEDULE #80)	FOOT	56			56			
X0934000	PVC CONDUIT IN TRENCH 4" (SCHEDULE #80)	FOOT	20			10	10		
X0325243	CONDUIT PUSHED, 3" DIA., PVC, SCHEDULE 80	FOOT	352			264	88		
X0325244	CONDUIT PUSHED, 4" DIA., PVC, SCHEDULE 80	FOOT	408			177	231		
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	192					90	102
* 81300210	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 4" X 4"	EACH	4					2	2
* 81300420	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 6"	EACH	1					1	
* 81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	1					1	
* 81306100	JUNCTION BOX (SPECIAL)	EACH	2					1	1
81400400	CONCRETE HANDHOLE	EACH	20			11	9		
81400500	CONCRETE HEAVY-DUTY HANDHOLE	EACH	1			1			
81400600	CONCRETE DOUBLE HANDHOLE	EACH	2			1	1		
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	13,245			1520	1255	5630	4840
* 81601020	UNIT DUCT, WITH 3-1/C NO. 4 AND 1/C NO. 6 GROUND, 600 V (XLP-TYPE USE), 1 1/4" DIA., POLYETHYLE	FOOT	12,345					6570	5775

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 2/19/06

DRAWN BY: NJS
 CHECKED BY: JJC



← 90% FED — 10% STATE →

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	ROADWAY		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	Y031-1F (KENDALL)	Y031-1F (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
* 81701385	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/2 350MCM	FOOT	150					150	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/2 NO. 10	FOOT	1,105					745	360
* 81800820	AERIAL CABLE, 4-1/2 NO. 4 AWG, ALUMINUM, WITH MESSENGER WIRE	FOOT	9,350					4850	4500
* 82103600	LUMINAIRE, SODIUM VAPOR, VERTICAL MOUNT, 250 WATT	EACH	40					20	20
* 82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM	EACH	4					2	2
* 82109100	SIGN LIGHTING (HIGH PRESSURE SODIUM)	FOOT	97.5					55.0	42.5
* 82500560	LIGHTING CONTROLLER TYPE CB-RCS 200AMP - 480 VOLT	EACH	1					1	
* 83034400	LIGHT POLE, STEEL, 45 FT. M.H., TENON MOUNT	EACH	38					19	19
* 83600355	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6"	EACH	38					19	19
83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	38					19	19
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	34					16	18
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1					1	
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1					1	
* 85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2			1	1		
* 86000100	MASTER CONTROLLER	EACH	1			0.5	0.5		
* 86400100	TRANSCEIVER-FIBER OPTIC	EACH	2			1	1		
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	891			494	397		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,510			738	772		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,745			1729	2016		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,520			977	543		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,591			2503	3088		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	76			39	37		
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1		
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	11			6	5		
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2			1	1		
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1			1			
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1				1		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	56			28	28		
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	8			4	4		
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	28			13	15		
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	28			14	14		
88500100	INDUCTIVE LOOP DETECTOR	EACH	20			10	10		

⊙ SFTY-3C

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SUMMARY OF QUANTITIES

SCALE: NONE

DRAWN BY: NJS

DATE: 2/10/06

CHECKED BY: JUC

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	432, 47-40K	KENDALL/GRUNDY	243	10
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 66294				

← 90% FED 10% STATE →

ITEM NO.	DESCRIPTION	UNIT	TOTAL	ROADWAY		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A	J000-2A	Y031-1F	Y031-1F	Y030-1E	Y030-1E
				(KENDALL)	(GRUNDY)	(KENDALL)	(GRUNDY)	(KENDALL)	(GRUNDY)
88600100	DETECTOR LOOP, TYPE 1	FOOT	2,778			1408	1370		
88700200	LIGHT DETECTOR	EACH	4			2	2		
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2			1	1		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4			2	2		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3			1	2		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1			
89502380	REMOVE EXISTING HANDHOLE	EACH	2			2			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1			1			
X0300057	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	0	1				
X0300739	UNINTERRUPTABLE POWER SUPPLY	EACH	2			1	1		
X0301835	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	0	1				
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	288.3	199.8	88.5				
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	1,958			979	979		
X0325096	OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1				1		
X0502600	TEMPORARY LIGHTING	L SUM	1					0.5	0.5
X0325235	TEMPORARY PAVEMENT 9.5"	SQ YD	2,695	1,443	1,252				
X0325239	TEMPORARY PAVEMENT 10"	SQ YD	1,653	0	1,653				
X0325240	TEMPORARY PAVEMENT 10.5"	SQ YD	10,472	6,480	3,992				
X0325241	TEMPORARY PAVEMENT 11"	SQ YD	1,345	1,345	0				
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	16,164	9,268	6,896				
X4066428	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90	TONS	60	21	39				
X4834090	PORTLAND CEMENT CONCRETE SHOULDERS, 14"	SQ YD	2,862	1,498	1,364				
X6013600	PIPE UNDERDRAINS, 4" (MODIFIED)	FOOT	9,491	5,005	4,486				
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	28	14	14				
X0325240	MODIFY EXISTING OVERHEAD SIGN STRUCTURE, BRIDGE MOUNTED	EACH	1	1	0				
X7330110	OVERHEAD SIGN STRUCTURE WALKWAY, CANTILEVER, TYPE A	FOOT	54	27	27				
X7330310	OVERHEAD SIGN STRUCTURE - SPAN, DUAL MONOTUBE	FOOT	186	98	88				
X8040400	ELECTRIC UTILITY SERVICE CONNECTION	EACH	1					1	
X8050015	SERVICE INSTALLATION, POLE MOUNTED	EACH	2			1	1		
X8110110	CONDUIT ATTACHED TO STRUCTURE, 1" DIA. GALVANIZED STEEL, PVC COATED	FOOT	190					140	50
X8110121	CONDUIT ATTACHED TO STRUCTURE, 3" DIA. GALVANIZED STEEL, PVC COATED	FOOT	30					30	
X8410113	REMOVE TEMPORARY LIGHTING UNITS AND SALVAGE	EACH	46					23	23

* SPECIALTY ITEM

100% COST TO THE VILLAGE OF MINOOKA (1634-20)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 2/10/06

DRAWN BY: NJS
 CHECKED BY: JJC

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

← 90% FED 10% STATE →

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QTY.	ROADWAY		TRAFFIC SIGNALS		HIGHWAY LIGHTING	
				J000-2A (KENDALL)	J000-2A (GRUNDY)	Y031-1F (KENDALL)	Y031-1F (GRUNDY)	Y030-1E (KENDALL)	Y030-1E (GRUNDY)
* X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	1,982			991	991		
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1,353			681	672		
△ X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	585			226	359		
* X8801300	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	15			7	8		
* X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4			2	2		
* X8801345	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1			1			
* X8801395	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7			4	3		
* X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1				1		
* X8810610	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED	EACH	4			2	2		
XX001854	STABILIZED SUB-BASE 6'	SQ YD	12,651	6,904	5,747				
XX003503	FLARED END SECTION REMOVAL	EACH	3	1	2				
XX004201	PAVEMENT REINFORCEMENT 14"	SQ YD	9,384	5,105	4,279				
* XX005430	MAINTENANCE OF EXISTING HIGHWAY LIGHTING	L SUM	1					0.5	0.5
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	46,756	25,244	21,512				
Z0002600	BAR SPLICERS	EACH	305	0	305				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5				
Z0013825	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	61	0	61				
Z0028700	GRANULAR SUBGRADE REPLACEMENT	CU YD	1,205	695	510				
□ Z0030255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1	0				

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

* SPECIALTY ITEM △ 100% COST TO THE VILLAGE OF MINOOKA (Y031-3D) □ SFTY-3N

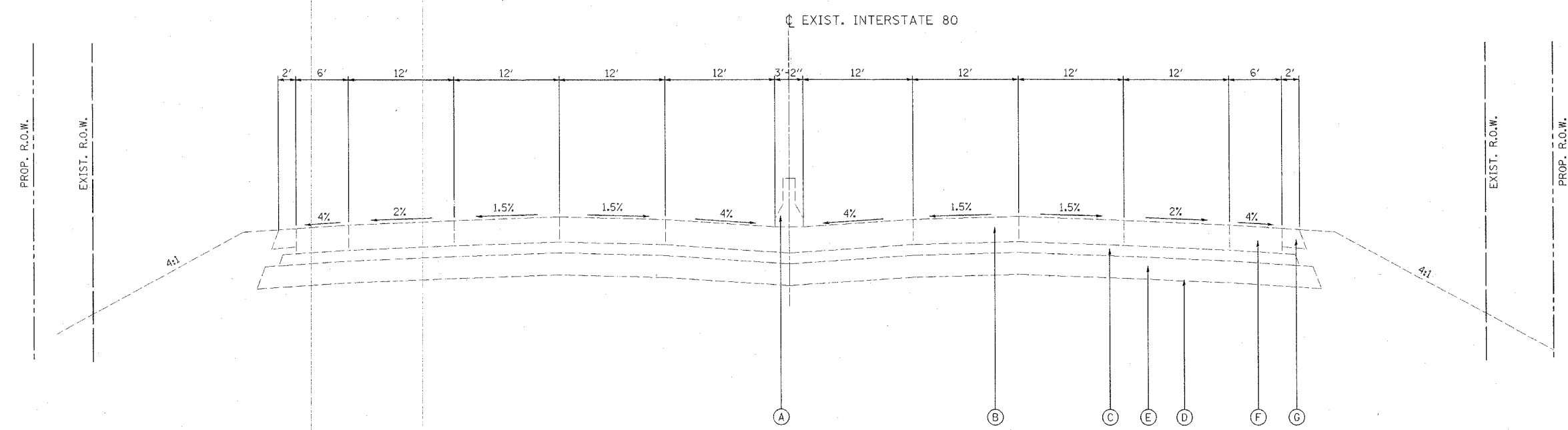
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SUMMARY OF QUANTITIES

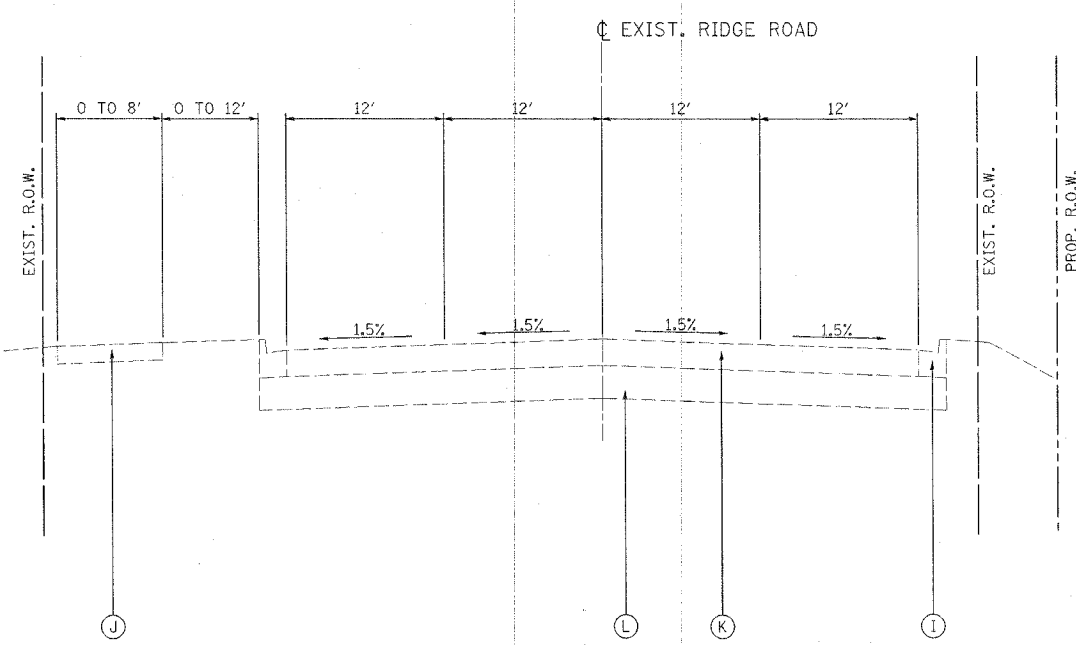
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DATE: 2/10/06 CHECKED BY: JUC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNDF	243	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

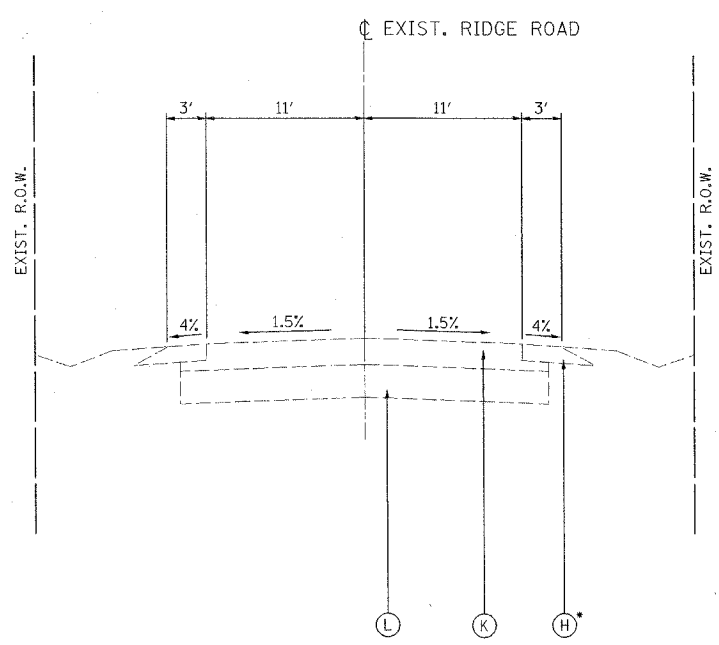


- (A) CONCRETE BARRIER
- (B) CONTINUALLY REINFORCED CONCRETE PAVEMENT, 14"
- (C) STABILIZED SUB-BASE, 6"
- (D) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (E) POROUS GRANULAR EMBANKMENT, SUBGRADE, 12"
- (F) PORTLAND CEMENT CONCRETE SHOULDER, 14"
- (G) AGGREGATE SHOULDER, 4"
- (H) BITUMINOUS CONCRETE SHOULDER, 6"
- (I) CONCRETE CURB & GUTTER
- (J) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (K) PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (L) SUBGRADE, 12"
- (M) PIPE UNDERDRAIN

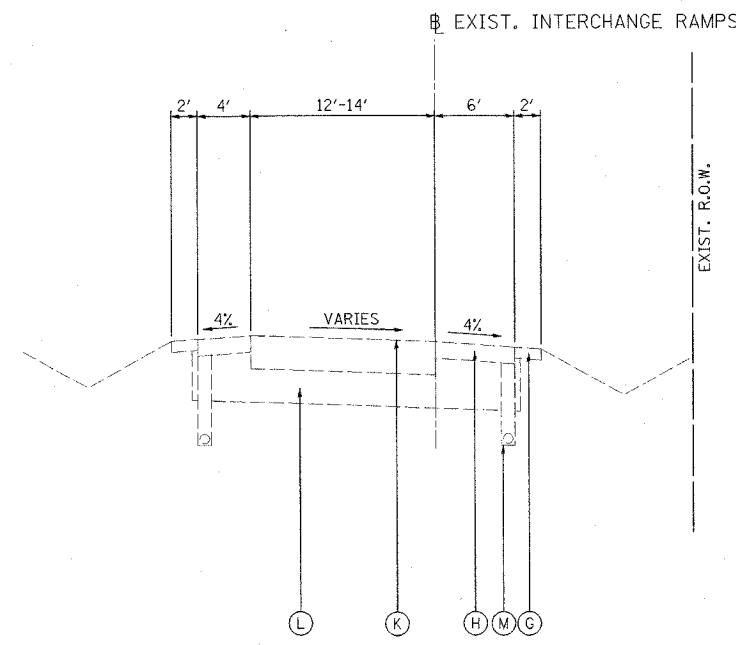
(E-1) INTERSTATE 80
 STA. 1685+00.00 TO STA. 1703+00.00
 STA. 1715+00.00 TO STA. 1730+00.00



(E-2) RIDGE ROAD
 STA. 1000+30.00 TO STA. 1007+70.00



(E-3) RIDGE ROAD
 STA. 1007+70.00 TO STA. 1025+50.00
 *AGGREGATE SHOULDER FROM STA. 1020+10.00 TO STA. 1025+50.00



(E-4) INTERCHANGE RAMP
 FROM RIDGE ROAD TO I-80

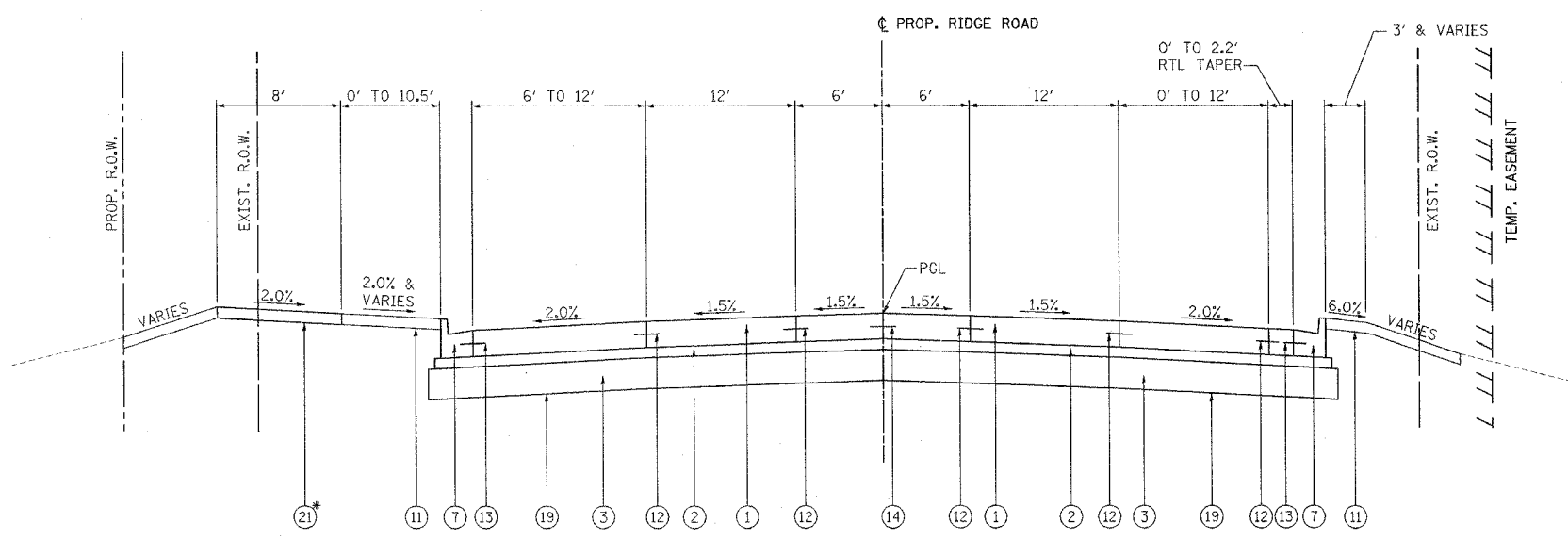
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
NAME	DATE	
		EXISTING TYPICAL SECTIONS

SCALE: NONE
 DATE: 2/10/06
 DRAWN BY: NJS
 CHECKED BY: JJC

NOTE: ALL PAVEMENT THICKNESS IS BASED OFF OF EXISTING PLANS.



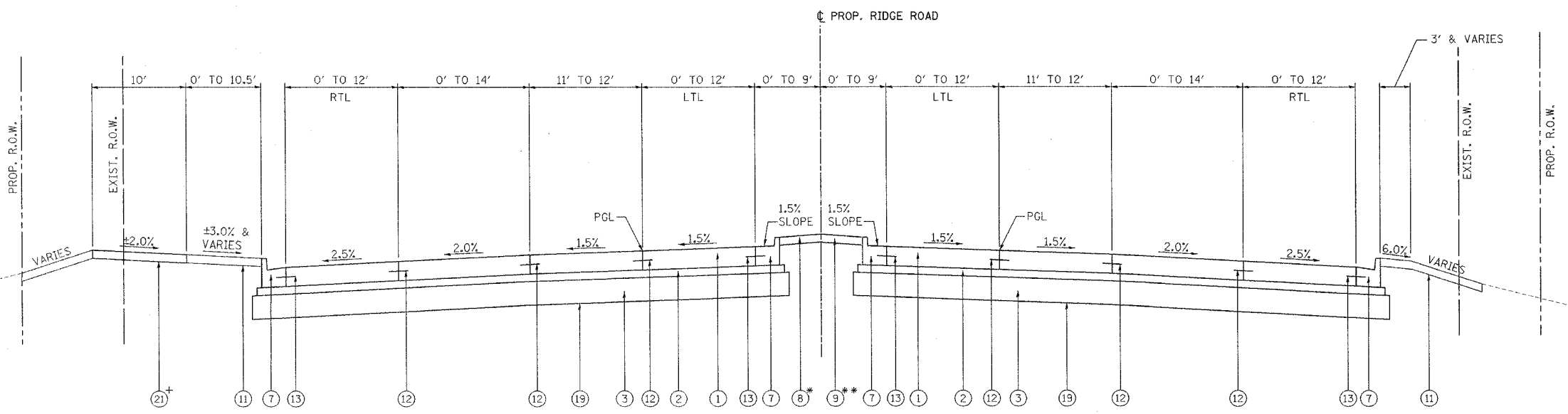
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				



P-R1 PROPOSED RIDGE ROAD
 STA. 1000+30.00 TO STA. 1003+80.14
 *PORTLAND CEMENT CONCRETE SIDEWALK, 4" FROM STA. 1002+71.31 TO STA. 1003+12.25

- LEGEND:**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - ② STABILIZED SUB-BASE 4"
 - ③ AGGREGATE SUBGRADE, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
 - ⑤ AGGREGATE SHOULDER TYPE B, 6"
 - ⑥ SEEDING, CLASS 2A
 - ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑧ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
 - ⑨ CONCRETE MEDIAN SURFACE, 6"
 - ⑩ TOPSOIL, 4"
 - ⑪ SODDING, SALT TOLERANT
 - ⑫ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
 - ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
 - ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
 - ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
 - ⑯ STABILIZED SUB-BASE 6" (BAM)
 - ⑰ AGGREGATE SHOULDER TYPE A, 4"
 - ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
 - ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - ⑳ GRANULAR SUBGRADE REPLACEMENT
 - ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"

NOTE: AGGREGATE SUBGRADE EXTENDS 12" BEYOND BACK OF CURB
 STABILIZED SUB-BASE 4" EXTENDS 6" BEYOND BACK OF CURB



P-R2 PROPOSED RIDGE ROAD
 STA. 1003+80.14 TO STA. 1008+64.45
 STA. 1014+07.50 TO STA. 1016+80.14
 *CORRUGATED MEDIAN FROM STA. 1003+80.14 TO STA. 1005+30.21 AND FROM STA. 1015+63.51 TO STA. 1016+80.14
 *CONCRETE MEDIAN SURFACE, 6" FROM STA. 1004+61.68 TO STA. 1007+79.20 AND FROM STA. 1014+27.34 TO STA. 1015+86.04
 *PORTLAND CEMENT CONCRETE SIDEWALK, 4" FROM STA. 1003+93.27 TO STA. 1008+64.45

RIDGE ROAD

STRUCTURAL DESIGN TRAFFIC:	Year 2024
PV = 86%-91%	SU = 4%-5% MU = 4%-10%
ROAD/STREET CLASSIFICATION:	Class Principal Arterial
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	Actual TF = 13.32 Minimum TF = 6.03
SUBGRADE SUPPORT RATING:	SSR = Poor

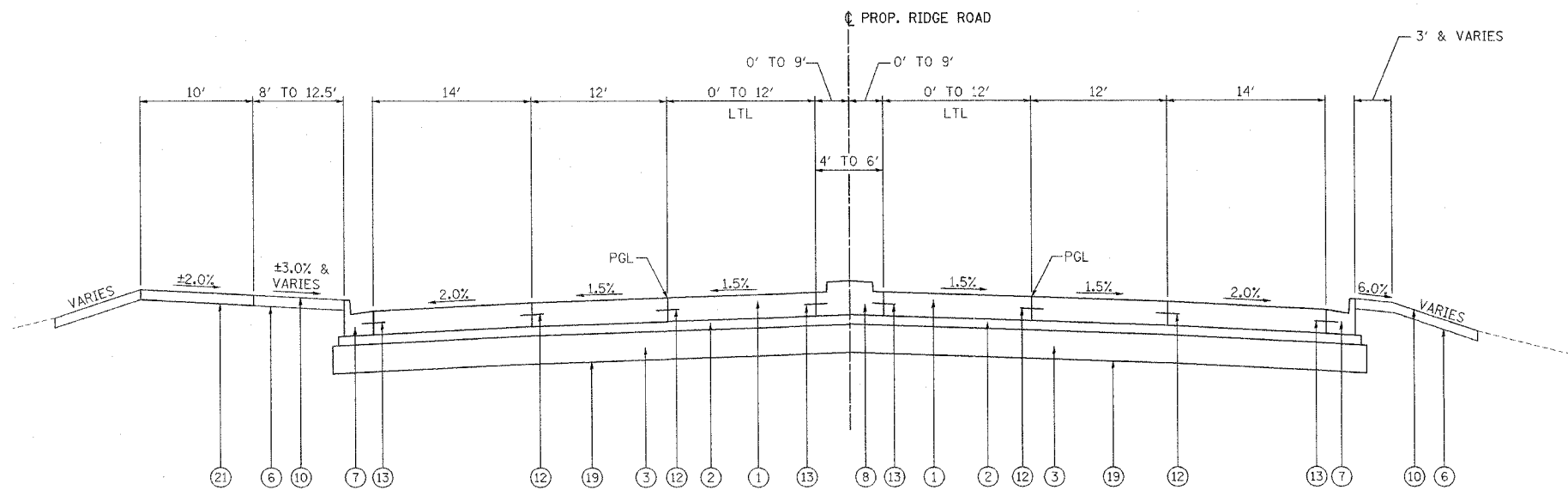
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
NAME	DATE	
		PROPOSED TYPICAL SECTIONS
SCALE: NONE	DRAWN BY: NJS	CHECKED BY: JJC
DATE: 2/10/06		

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNDS	243	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ② STABILIZED SUB-BASE 4"
- ③ AGGREGATE SUBGRADE, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
- ⑤ AGGREGATE SHOULDER TYPE B, 6"
- ⑥ SEEDING, CLASS 2A
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑨ CONCRETE MEDIAN SURFACE, 6"
- ⑩ TOPSOIL, 4"
- ⑪ SODDING, SALT TOLERANT
- ⑫ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
- ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- ⑯ STABILIZED SUB-BASE 6" (BAM)
- ⑰ AGGREGATE SHOULDER TYPE A, 4"
- ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑳ GRANULAR SUBGRADE REPLACEMENT
- ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"



P-R3 PROPOSED RIDGE ROAD
STA. 1008+64.45 TO STA. 1012+34.04

NOTE: AGGREGATE SUBGRADE EXTENDS 12" BEYOND BACK OF CURB
STABILIZED SUB-BASE 4" EXTENDS 6" BEYOND BACK OF CURB

BITUMINOUS MIX INFORMATION

	Superpave Binder Temporary Pavement	Superpave Surface Temporary Pavement	Superpave Surface	Superpave Stabilized Sub-base
PG Grade	PG64 - 22	PG64 - 22	PG64 - 22	PG58 - 22**
Max % RAP Allowable**	15%	10%	10%	40%
Design Air Voids	4.0% @ N70	4.0% @ N70	4.0% @ N90	2.0% @ N30
Mixture Composition	IL 19.0	12.5 or IL	12.5 or IL	BAM
Friction Aggregate		Mixture C	Mixture D	
Plant Control Limits	Class 1	Class 1	Class 1	Non Class 1
Density Control Method	Satisfaction of the Engineer	Satisfaction of the Engineer	Cores or Nuclear Method	Mfn. 91.0%

MATERIAL SHALL BE COMPACTED TO 93-97 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT THE BOTTOM LIFT ON AN UNIMPROVED SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

** IF RAP OPTION IS SELECTED AT 20% OR GREATER FOR THE STABILIZED SUB-BASE, THE ASPHALT CEMENT GRADE WILL BE PG58-28.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

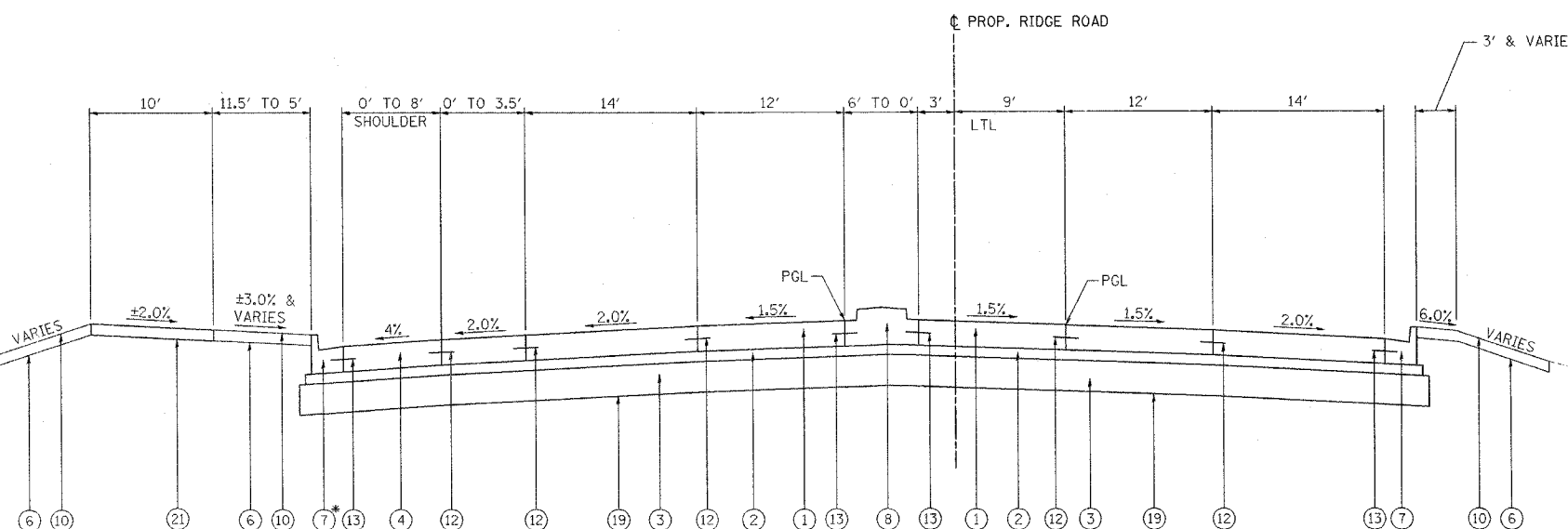
PROPOSED TYPICAL SECTIONS

SCALE: NONE

DRAWN BY: NJS

DATE: 2/10/06

CHECKED BY: JJC



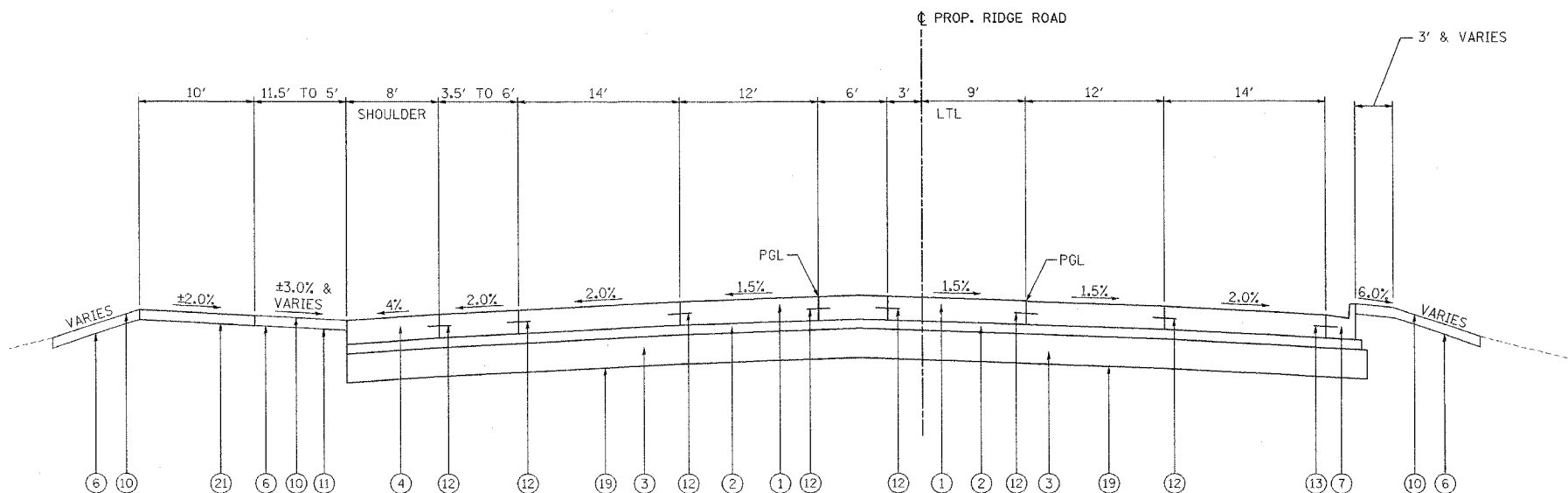
P-R4 PROPOSED RIDGE ROAD
STA. 1012+34.04 TO STA. 1013+35.04

*COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
FROM STA. 1012+34.04 TO STA. 1012+77.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNDRY	243	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

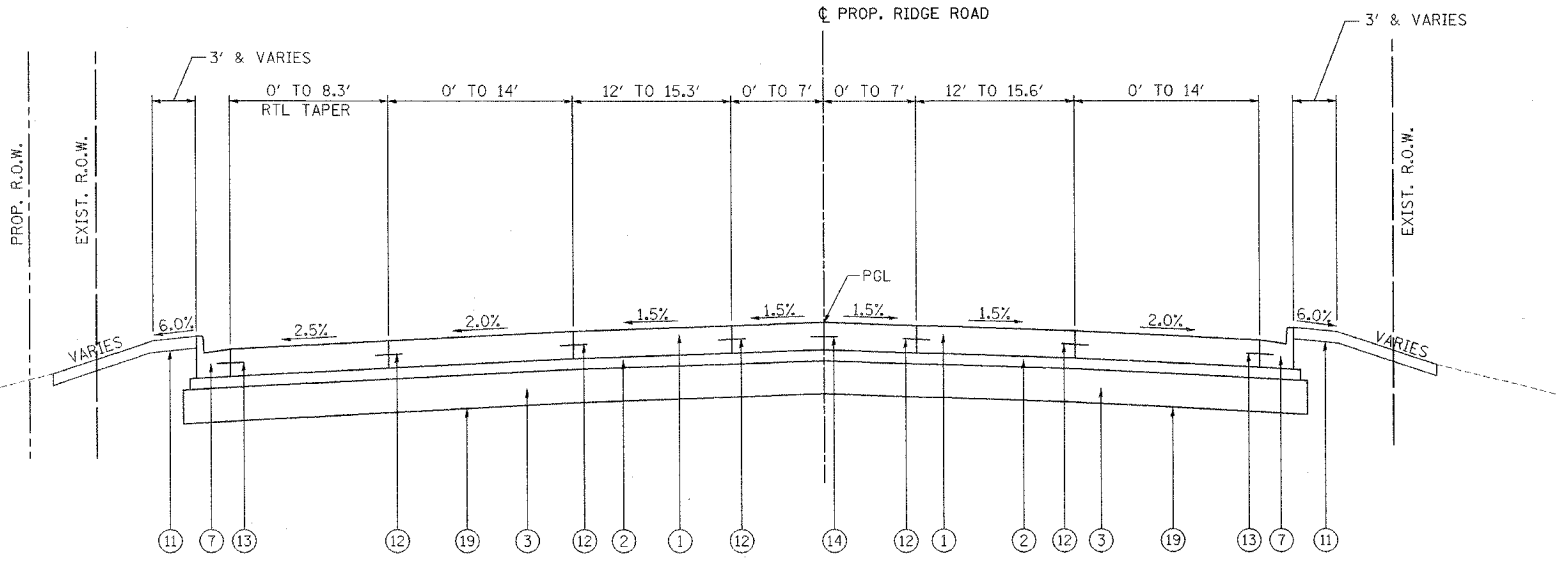
LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ② STABILIZED SUB-BASE 4"
- ③ AGGREGATE SUBGRADE, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
- ⑤ AGGREGATE SHOULDER TYPE B, 6"
- ⑥ SEEDING, CLASS 2A
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑨ CONCRETE MEDIAN SURFACE, 6"
- ⑩ TOPSOIL, 4"
- ⑪ SODDING, SALT TOLERANT
- ⑫ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
- ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- ⑯ STABILIZED SUB-BASE 6" (BAM)
- ⑰ AGGREGATE SHOULDER TYPE A, 4"
- ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑳ GRANULAR SUBGRADE REPLACEMENT
- ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"

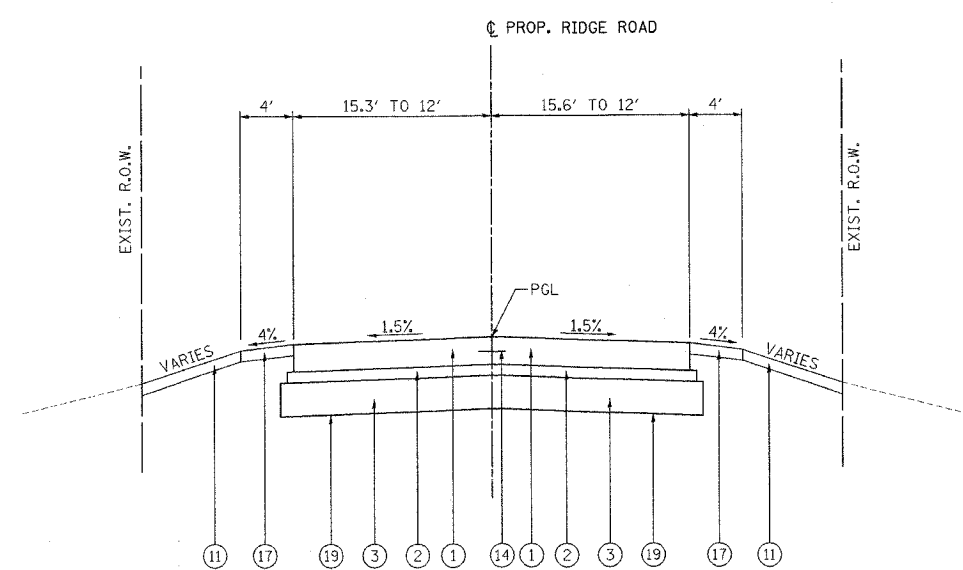


P-R5 PROPOSED RIDGE ROAD
STA. 1013+35.04 TO STA. 1014+07.50

NOTE: AGGREGATE SUBGRADE EXTENDS 12" BEYOND BACK OF CURB
STABILIZED SUB-BASE 4" EXTENDS 6" BEYOND BACK OF CURB



P-R6 PROPOSED RIDGE ROAD
STA. 1016+80.14 TO STA. 1023+69.18



P-R7 PROPOSED RIDGE ROAD
STA. 1023+69.18 TO STA. 1025+50.00

REVISIONS	
NAME	DATE

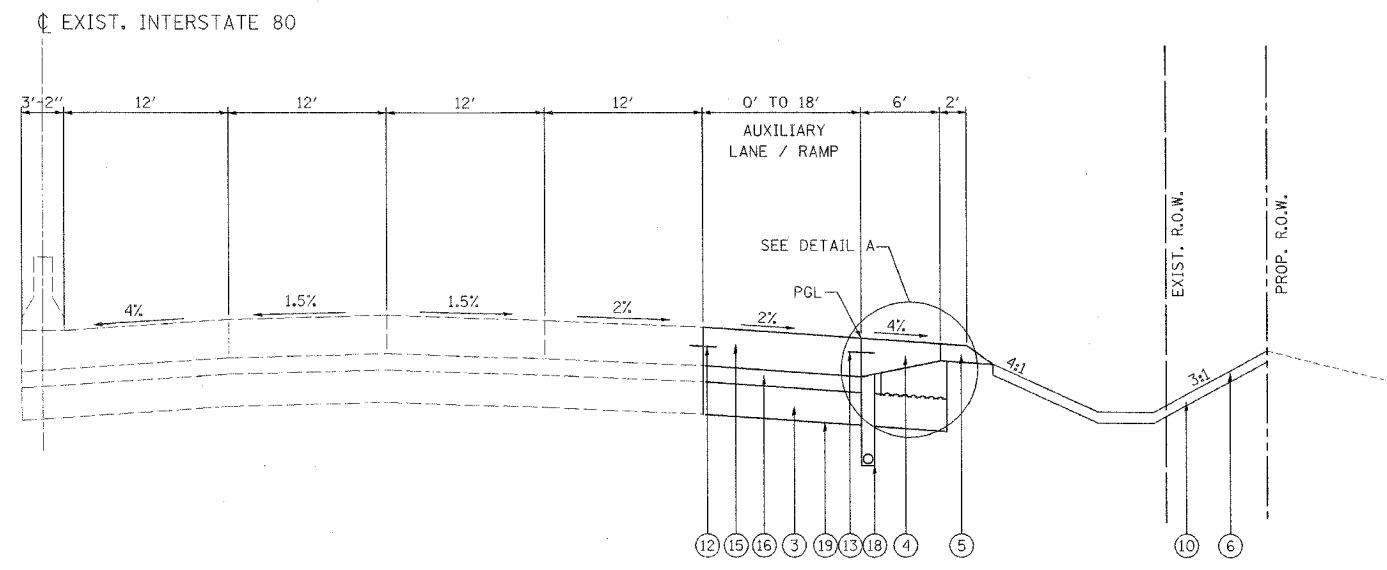
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

PROPOSED TYPICAL SECTIONS

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

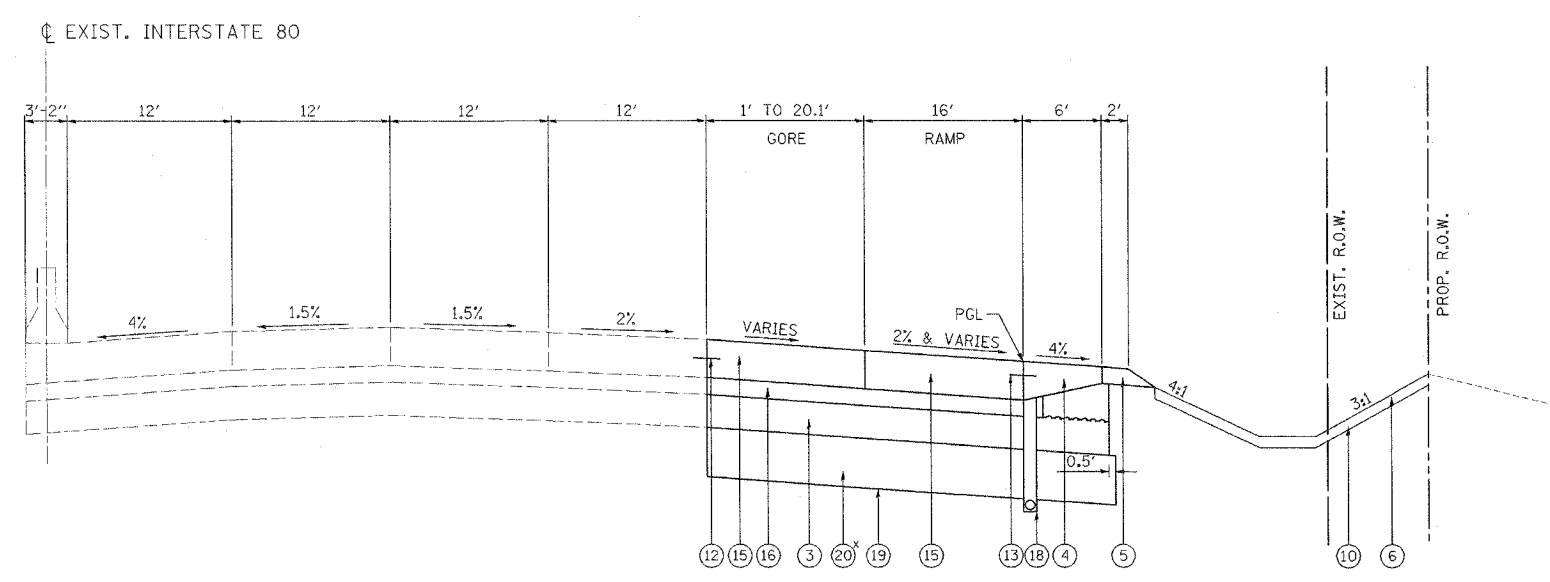


PROPOSED RAMP TYPICAL SECTION

RAMP A	RAMP B	RAMP C	RAMP D
413+06.95 TO 424+06.86	381+33.76 TO 384+35.33	183+34.37 TO 186+48.64	212+28.41 TO 220+50.00

LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ② STABILIZED SUB-BASE 4"
- ③ AGGREGATE SUBGRADE, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
- ⑤ AGGREGATE SHOULDER TYPE B, 6"
- ⑥ SEEDING, CLASS 2A
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
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- ⑨ CONCRETE MEDIAN SURFACE, 6"
- ⑩ TOPSOIL, 4"
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- ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
- ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- ⑯ STABILIZED SUB-BASE 6" (BAM)
- ⑰ AGGREGATE SHOULDER TYPE A, 4"
- ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑳ GRANULAR SUBGRADE REPLACEMENT
- ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"



PROPOSED RAMP TYPICAL SECTION

RAMP A	RAMP B	RAMP C	RAMP D
408+98.98 TO 413+06.95	384+35.33 TO 387+95.84 *GRANULAR SUBGRADE REPLACEMENT, 2' 386+50 TO 387+95.84	186+48.64 TO 190+09.15	208+93.59 TO 212+28.41

REVISIONS	
NAME	DATE

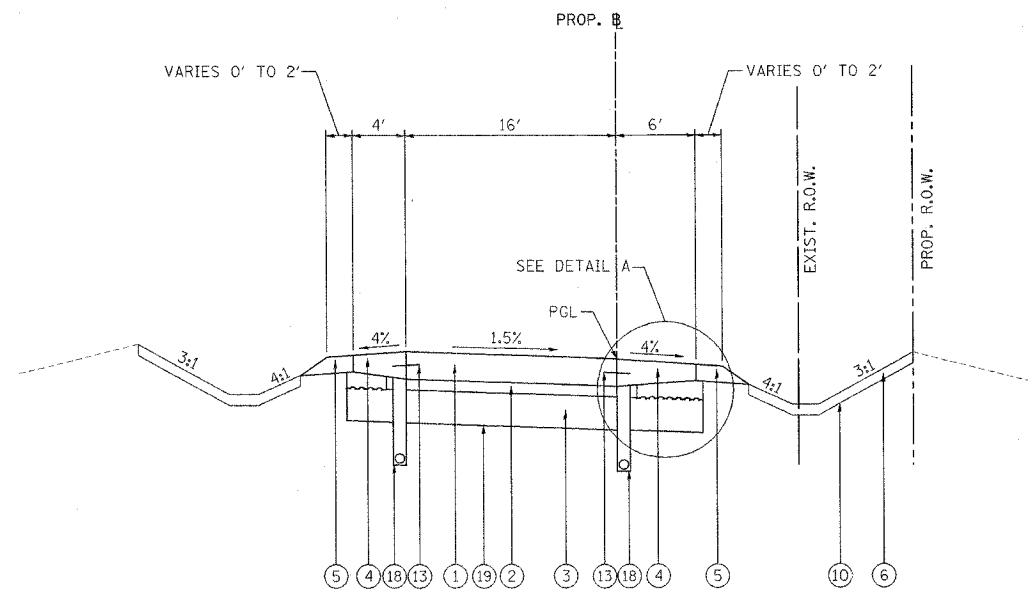
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

PROPOSED TYPICAL SECTIONS

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



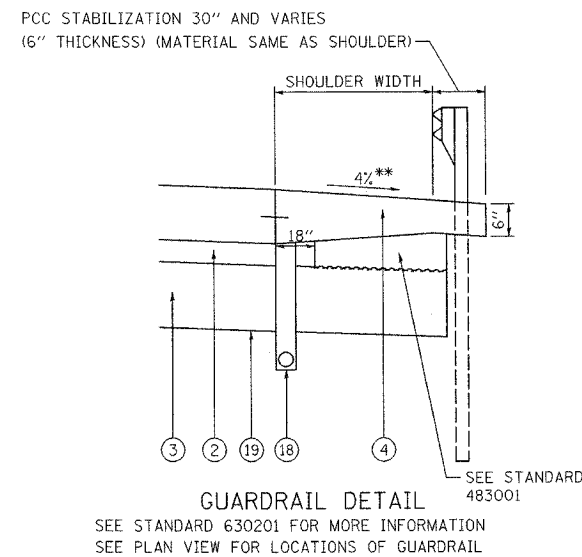
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



PROPOSED RAMP TYPICAL TANGENT SECTION

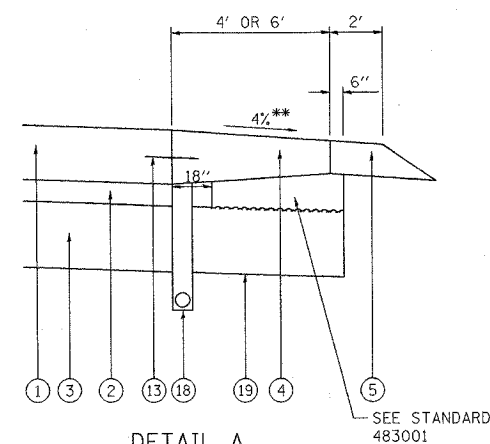
RAMP A
401+20.54 TO 401+30.00

RAMP D
201+31.40 TO 203+36.00



GUARDRAIL DETAIL

SEE STANDARD 630201 FOR MORE INFORMATION
SEE PLAN VIEW FOR LOCATIONS OF GUARDRAIL

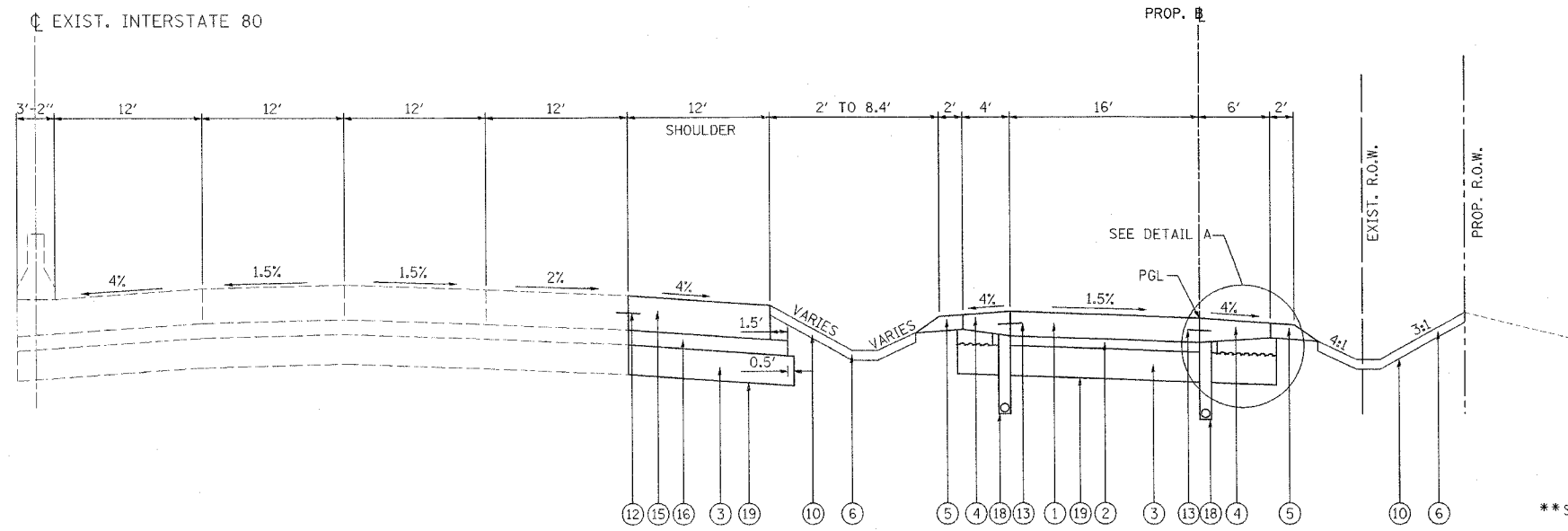


DETAIL A

SEE STANDARD 483001 FOR MORE INFORMATION

LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ② STABILIZED SUB-BASE 4"
- ③ AGGREGATE SUBGRADE, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
- ⑤ AGGREGATE SHOULDER TYPE B, 6"
- ⑥ SEEDING, CLASS 2A
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑨ CONCRETE MEDIAN SURFACE, 6"
- ⑩ TOPSOIL, 4"
- ⑪ SODDING, SALT TOLERANT
- ⑫ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
- ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- ⑯ STABILIZED SUB-BASE 6" (BAM)
- ⑰ AGGREGATE SHOULDER TYPE A, 4"
- ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑳ GRANULAR SUBGRADE REPLACEMENT
- ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"



PROPOSED RAMP TYPICAL TANGENT SECTION

RAMP C
190+09.15 TO 191+28.00

**SLOPE OF SHOULDER SHALL BE THE SAME AS THE SUPERELEVATION RATE BUT NOT LESS THAN 4%.

REVISIONS	
NAME	DATE

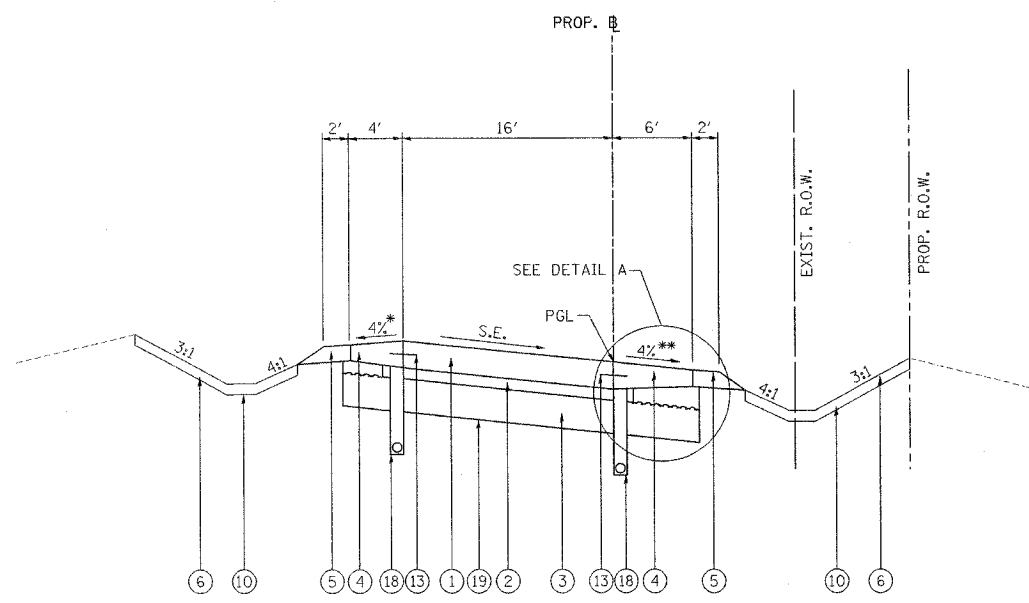
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

PROPOSED TYPICAL SECTIONS

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

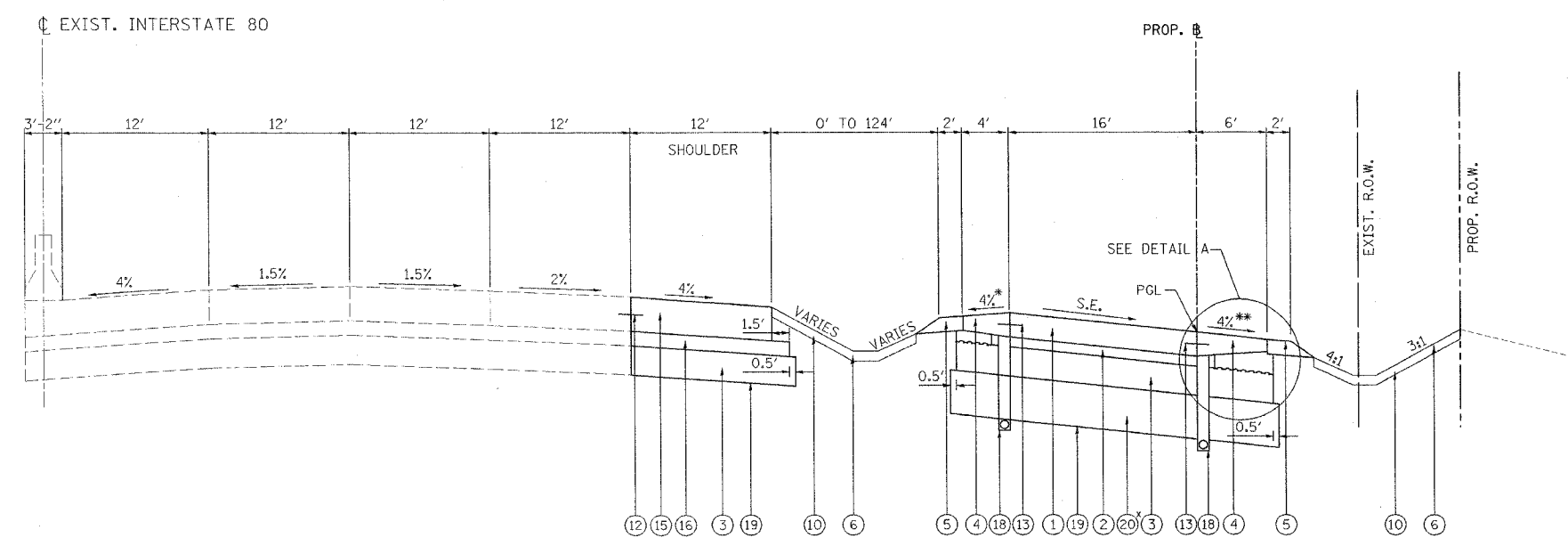


PROPOSED RAMP TYPICAL SUPERELEVATED SECTION

RAMP A 401+30.00 TO 407+11.16
 RAMP B 392+94.25 TO 393+68.71
 RAMP C 192+98.97 TO 195+90.03
 RAMP D 203+36.00 TO 207+62.53

LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ② STABILIZED SUB-BASE 4"
- ③ AGGREGATE SUBGRADE, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
- ⑤ AGGREGATE SHOULDER TYPE B, 6"
- ⑥ SEEDING, CLASS 2A
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑨ CONCRETE MEDIAN SURFACE, 6"
- ⑩ TOPSOIL, 4"
- ⑪ SODDING, SALT TOLERANT
- ⑫ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
- ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- ⑯ STABILIZED SUB-BASE 6" (BAM)
- ⑰ AGGREGATE SHOULDER TYPE A, 4"
- ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑳ GRANULAR SUBGRADE REPLACEMENT
- ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"



PROPOSED RAMP TYPICAL SUPERELEVATED SECTION

RAMP A 407+11.16 TO 408+98.98
 RAMP B 387+95.84 TO 392+94.25
 RAMP C 191+28.00 TO 192+98.97
 RAMP D 207+62.53 TO 208+93.59

*GRANULAR SUBGRADE REPLACEMENT, 2'
 387+95.84 TO 389+50

NOTE: SEE SUPERELEVATION TRANSITIONS SHEET FOR DETAILS ON THE SUPERELEVATION RATES

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8%.
 **SLOPE OF SHOULDER SHALL BE THE SAME AS THE SUPERELEVATION RATE BUT NOT LESS THAN 4%.

REVISIONS	
NAME	DATE

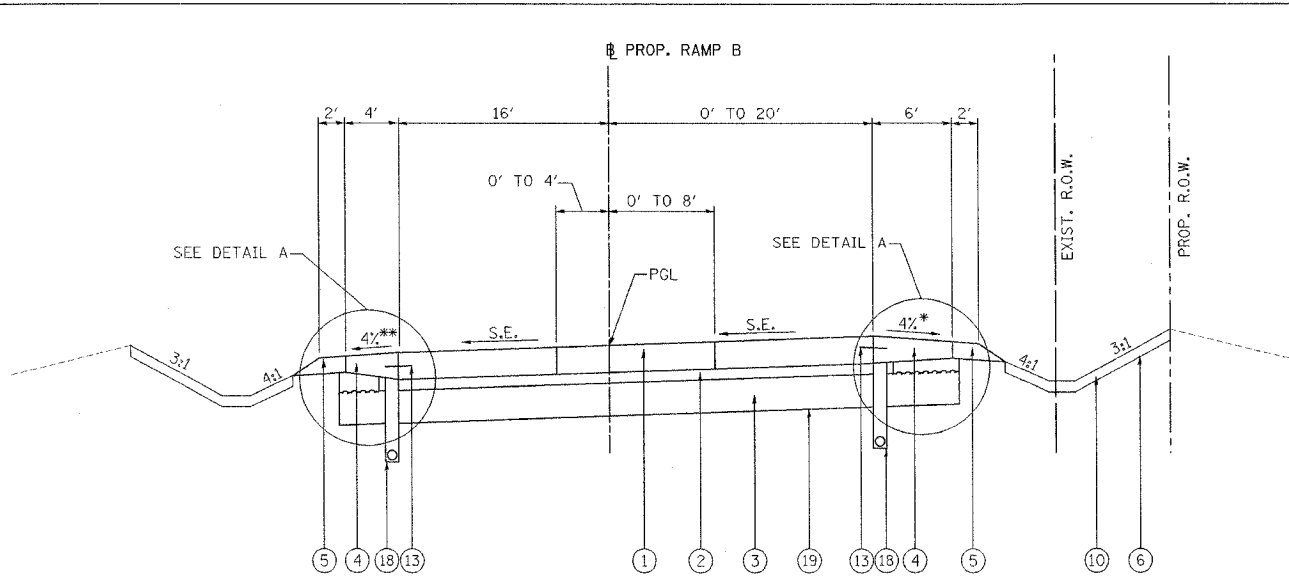
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

PROPOSED TYPICAL SECTIONS

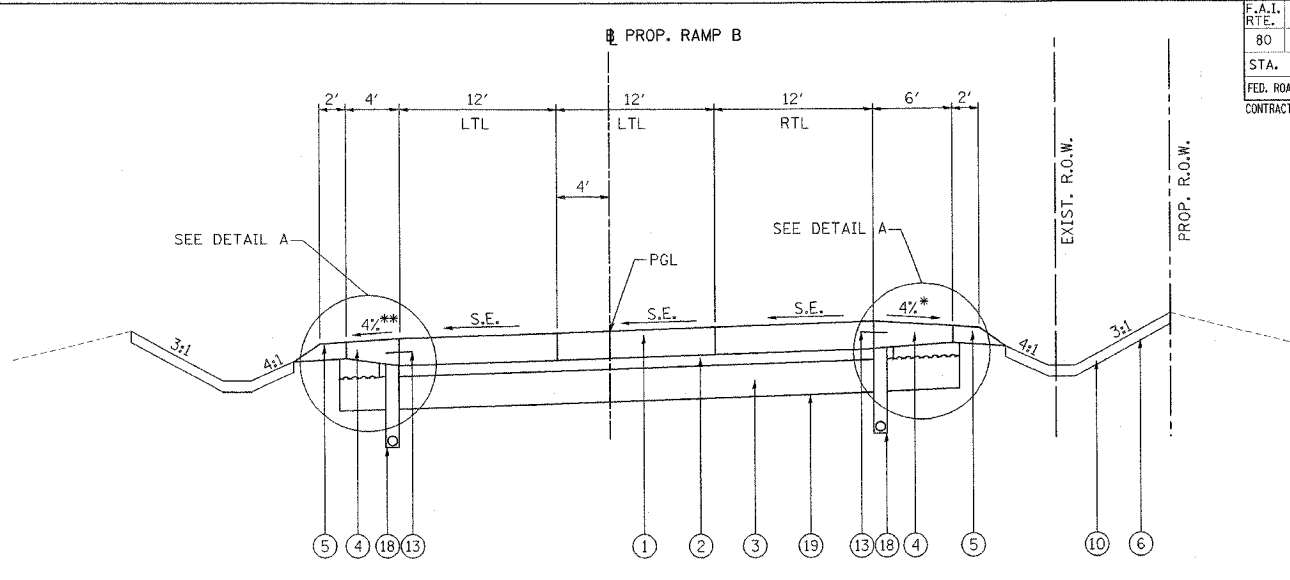
SCALE: NONE
 DATE: 2/10/06
 DRAWN BY: NJS
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

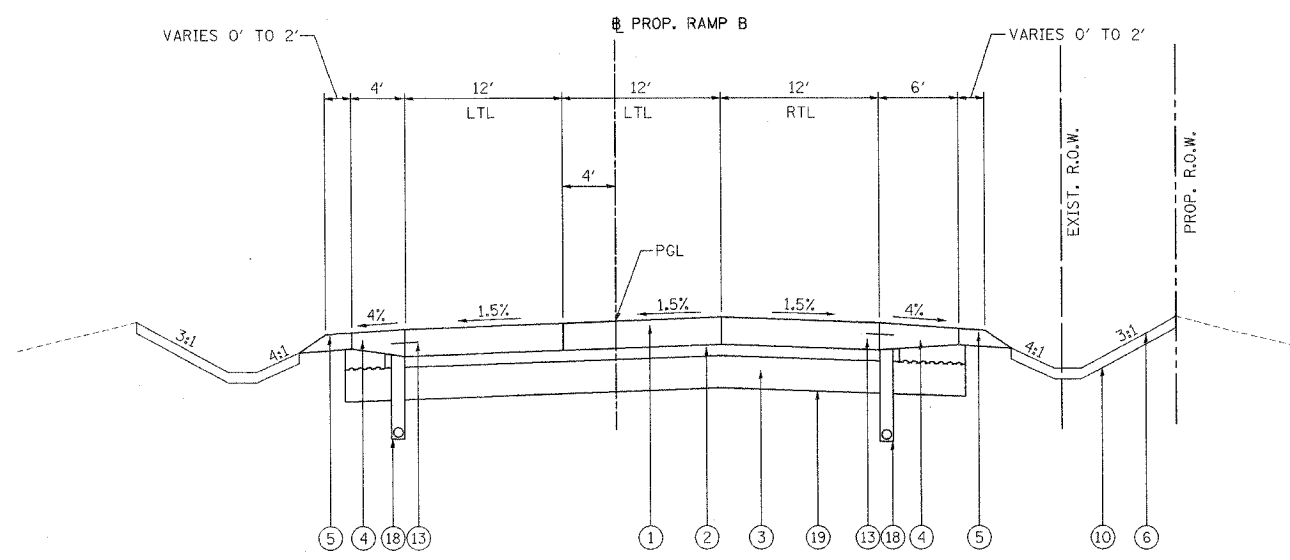
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



PROPOSED RAMP B SUPERELEVATED SECTION
STA. 393+68.71 TO 396+77.03



PROPOSED RAMP B SUPERELEVATED SECTION
STA. 396+77.03 TO 398+82.81



PROPOSED RAMP B TANGENT SECTION
STA. 398+82.81 TO 399+15.01

- LEGEND:**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - ② STABILIZED SUB-BASE 4"
 - ③ AGGREGATE SUBGRADE, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
 - ⑤ AGGREGATE SHOULDER TYPE B, 6"
 - ⑥ SEEDING, CLASS 2A
 - ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑧ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
 - ⑨ CONCRETE MEDIAN SURFACE, 6"
 - ⑩ TOPSOIL, 4"
 - ⑪ SODDING, SALT TOLERANT
 - ⑫ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
 - ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
 - ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
 - ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
 - ⑯ STABILIZED SUB-BASE 6" (BAM)
 - ⑰ AGGREGATE SHOULDER TYPE A, 4"
 - ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
 - ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - ⑳ GRANULAR SUBGRADE REPLACEMENT
 - ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8%.

** SLOPE OF SHOULDER SHALL BE THE SAME AS THE SUPERELEVATION RATE BUT NOT LESS THAN 4%.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

PROPOSED TYPICAL SECTIONS

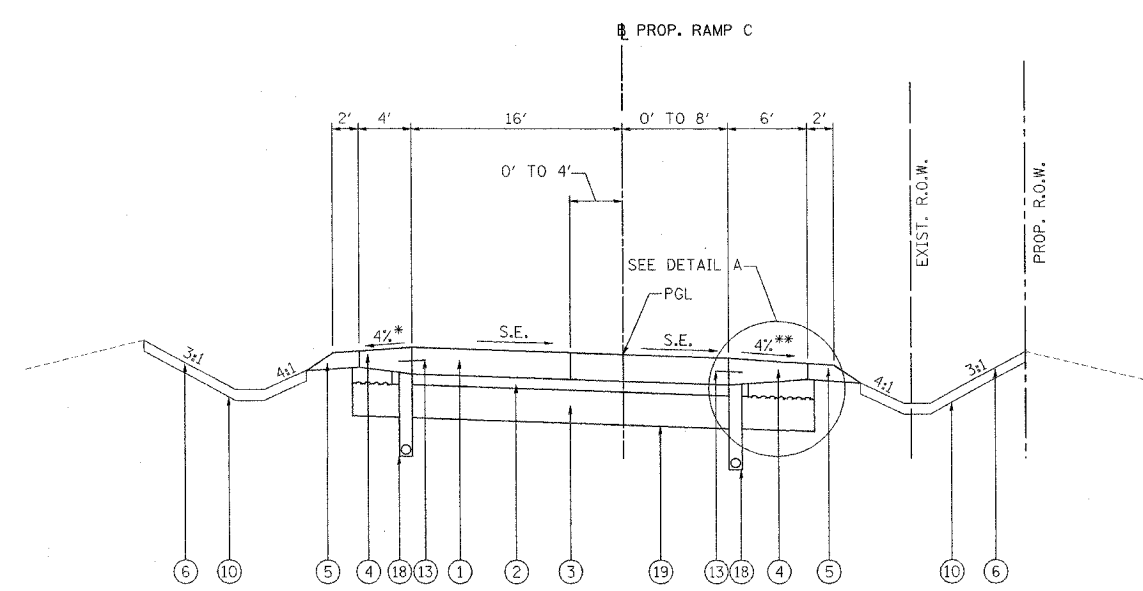
SCALE: NONE
DATE: 2/10/06

DRAWN BY: NJS
CHECKED BY: JJC

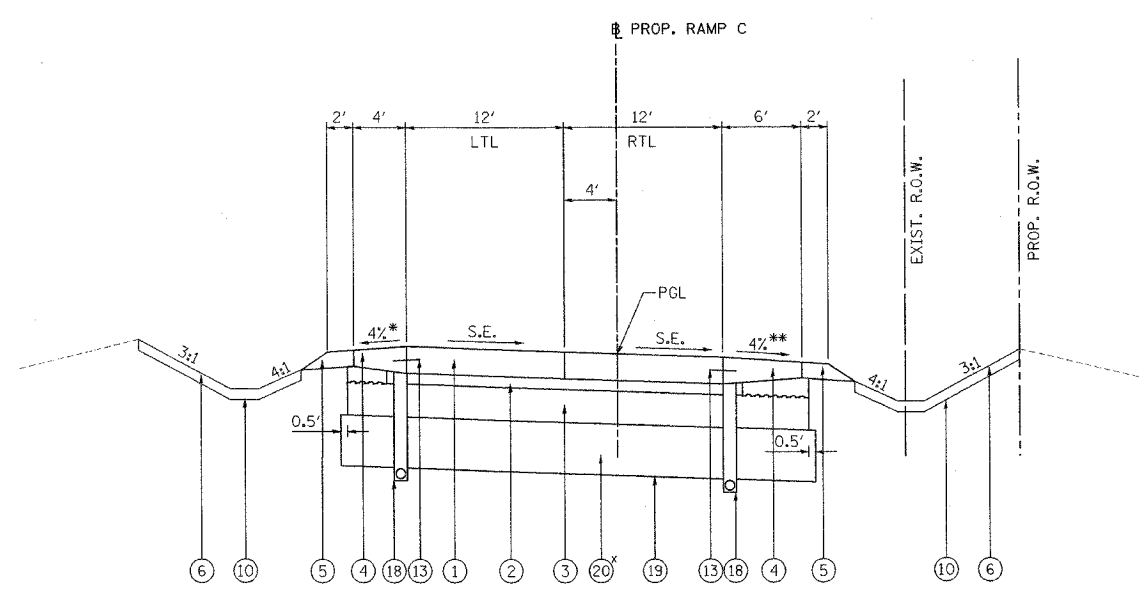
NOTE: SEE SUPERELEVATION TRANSITIONS SHEET FOR DETAILS ON THE SUPERELEVATION RATES



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	20
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



PROPOSED RAMP C SUPERELEVATED SECTION
STA. 195+90.03 TO STA. 197+15.03

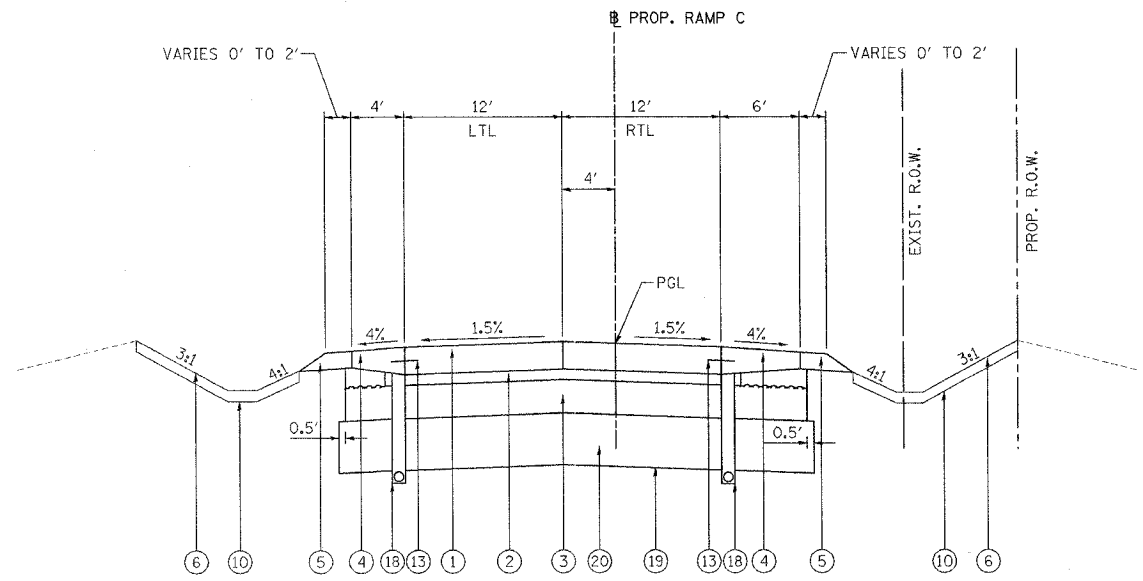


PROPOSED RAMP C SUPERELEVATED SECTION
STA. 197+15.03 TO STA. 198+12.61

*GRANULAR SUBGRADE REPLACEMENT, 3'
FROM STA. 198+00.00 TO STA. 198+12.61

LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ② STABILIZED SUB-BASE 4"
- ③ AGGREGATE SUBGRADE, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
- ⑤ AGGREGATE SHOULDER TYPE B, 6"
- ⑥ SEEDING, CLASS 2A
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ⑨ CONCRETE MEDIAN SURFACE, 6"
- ⑩ TOPSOIL, 4"
- ⑪ SODDING, SALT TOLERANT
- ⑫ LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑬ LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- ⑭ SAWED LONGITUDINAL JOINT WITH NO. 6 x 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
- ⑮ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- ⑯ STABILIZED SUB-BASE 6" (BAM)
- ⑰ AGGREGATE SHOULDER TYPE A, 4"
- ⑱ PIPE UNDERDRAINS 4" (MODIFIED)
- ⑲ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑳ GRANULAR SUBGRADE REPLACEMENT
- ㉑ PORTLAND CEMENT CONCRETE SIDEWALK, 4"



PROPOSED RAMP C TANGENT SECTION
STA. 198+12.61 TO STA. 198+91.40

* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8%.

** SLOPE OF SHOULDER SHALL BE THE SAME AS THE SUPERELEVATION RATE BUT NOT LESS THAN 4%.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

PROPOSED TYPICAL SECTIONS

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC

NOTE: SEE SUPERELEVATION TRANSITIONS SHEET FOR DETAILS ON THE SUPERELEVATION RATES



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

EARTHWORK QUANTITIES FOR PRESTAGE								
LOCATION	STA	STA	EARTH EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
			CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
OTTAWA DRIVE	7+07	9+25	344.0	-	258.0	2.4	255.6	-
TEMP RAMP A	10+50	16+15	345.9	-	259.5	1,351.9	-1,092.5	-
TEMP RAMP B	10+00	15+55	1,263.2	-	947.4	525.2	422.2	-
RIDGE ROAD	998+63	1029+50	1,632.4	-	1,224.3	996.0	228.2	-
RAMP C	183+34	199+00	40.2	-	30.1	1,024.8	-994.7	-
RAMP D	201+00	220+79	559.0	-	419.3	849.8	-430.5	-
TOTAL			4,185	0	3,140	4,755	-1,615	0

EARTHWORK QUANTITIES FOR STAGE 2								
LOCATION	STA	STA	EARTH EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
			CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
OTTAWA DRIVE	7+07	9+25	50.1	-	37.6	122.4	-84.8	-
RIDGE ROAD	998+63	1029+50	7,585.1	187.0	5,688.8	553.5	5,135.3	-
RAMP A	401+00	424+07	342.8	-	257.1	5.0	252.1	-
RAMP B	381+33	399+00	647.3	-	485.4	35.0	450.4	-
RAMP C	183+34	199+00	3,572.0	-	2,679.0	30.9	2,648.1	-
RAMP D	201+00	220+79	3,065.9	-	2,299.4	13.2	2,286.2	-
TOTAL			15,265	187.0	11,450	765	10,690	0

EARTHWORK QUANTITIES FOR STAGE 1								
LOCATION	STA	STA	EARTH EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
			CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
OTTAWA DRIVE	7+07	9+25	6.3	-	4.7	68.3	-63.6	-
RIDGE ROAD	998+63	1029+50	10,394.6	55.0	7,795.9	718.4	7,077.6	-
RAMP A	401+00	424+07	14,627.4	-	10,970.5	17,536.0	-6,565.4	2,335.0
RAMP B	381+33	399+00	26,793.6	-	20,095.2	1,827.0	18,268.2	8,885.0
RAMP C	183+34	199+00	3,925.6	-	2,944.2	6,193.9	-3,249.7	-
RAMP D	201+00	220+79	7,500.4	-	5,625.3	253.3	5,372.0	-
TOTAL			63,250	55	47,440	26,600	20,840	11,220

EARTHWORK QUANTITIES FOR STAGE 3								
LOCATION	STA	STA	EARTH EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
			CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
OTTAWA DRIVE	7+07	9+25	0.0	-	0.0	0.0	0.0	-
RIDGE ROAD	998+63	1029+50	2,092.1	-	1,569.0	209.2	1,359.9	-
RAMP A	401+00	424+07	0.0	-	0.0	0.0	0.0	-
RAMP B	381+33	399+00	0.0	-	0.0	0.0	0.0	-
RAMP C	183+34	199+00	0.0	-	0.0	0.0	0.0	-
RAMP D	201+00	220+79	0.0	-	0.0	0.0	0.0	-
TOTAL			2,095	0	1,570	210	1,360	0

- NOTES: 1. ANY EARTH EXCAVATION ALONG RAMP B FROM STA. 387+00 TO STA. 394+00 IS FROST SUSCEPTIBLE. IF IT IS TO BE USED ELSEWHERE AS EMBANKMENT, IT SHOULD BE PLACED A MINIMUM OF 3' BELOW TOP OF PAVEMENT STRUCTURE.
2. EARTHWORK FOR STAGES 1A & 1B ARE INCLUDED IN STAGE 1. EARTHWORK FOR STAGE 2A IS INCLUDED IN STAGE 2.
3. ALL TOTALS EXCEPT, UNSUITABLE OR UNSTABLE MATERIAL, ARE ROUNDED UP TO THE NEAREST 5 CU YD.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SCHEDULE OF QUANTITIES

SCALE: NONE
 DATE: 2/10/06

DRAWN BY: NJS
 CHECKED BY: JJC



ITEM 20100110			
TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
STATION	OFFSET	LT / RT	UNITS
RAMP A			
400+76.56	54.69	LT	10
401+08.83	96.77	LT	8
401+61.16	71.81	LT	9
406+12.80	23.15	LT	8
406+26.70	36.62	LT	13
406+41.14	31.64	LT	12
406+66.87	25.92	LT	8
406+72.78	19.62	LT	14
405+92.29	86.50	RT	15
406+14.80	70.43	RT	15
406+25.91	84.16	RT	15
406+27.72	78.87	RT	15
RAMP B			
398+19.40	109.81	LT	12
398+12.78	134.95	LT	12
397+01.94	158.84	LT	12
394+24.77	26.08	LT	8
394+20.61	48.87	LT	10
394+16.17	30.19	LT	12
392+75.25	75.13	LT	12
391+86.31	0.23	LT	12
387+65.54	39.83	RT	10
RAMP C			
188+63.57	12.00	RT	15
189+08.23	16.08	RT	12
192+81.09	39.72	RT	15
193+02.56	30.14	RT	15
193+03.45	42.88	RT	12
195+52.66	26.76	RT	12
RAMP D			
201+23.91	115.66	LT	8
206+07.47	74.18	LT	12
206+41.77	57.75	LT	12
206+27.13	31.55	RT	8
206+28.46	31.22	RT	12
206+52.69	37.89	RT	15
206+88.18	35.44	RT	15
206+90.18	36.32	RT	15
207+05.56	22.47	RT	12
207+06.89	21.44	RT	15
207+41.10	21.21	RT	15
211+72.72	38.43	RT	12
TOTAL			474

ITEM 63000000					
STEEL PLATE BEAM GUARDRAIL, TYPE A					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
RAMP C	1692+45.18	TO	184+07.00	RT	150.0
RAMP C	220+25.00	TO	197+20.50	RT	700.0
RAMP D	220+25.00	TO	220+50.00	RT	25.0
RAMP D	220+50.00	SECTION TIES TO EXIST		RT	125.0
RAMP B	1728+01.28	TO	381+94.00	RT	125.0
RAMP B	396+75.00	TO	397+62.50	RT	87.5
TOTAL					1,212.5

ITEM 20100210			
TREE REMOVAL (OVER 15 UNITS DIAMETER)			
STATION	OFFSET	LT / RT	UNITS
RAMP A			
404+69.37	124.55	LT	16
406+19.53	36.22	LT	16
406+79.27	12.99	RT	35
408+05.91	13.45	RT	16
RAMP B			
398+16.61	92.39	LT	24
392+20.42	17.64	LT	24
RIDGE ROAD			
1009+73.08	56.66	LT	18
RAMP C			
196+67.61	41.56	LT	18
188+28.74	18.40	RT	44
189+85.84	21.54	RT	18
192+51.83	40.92	RT	24
192+63.40	44.86	RT	18
192+97.91	47.08	RT	24
RAMP D			
201+81.06	128.02	LT	24
201+77.05	99.10	LT	24
206+53.86	37.94	RT	24
207+73.66	29.35	RT	24
TOTAL			391

ITEM 63100045					
TRAFFIC BARRIER TERMINAL, TYPE 2					
LOCATION	STATION	TO	STATION	LT / RT	EACH
RAMP C	184+07.00	TO	184+19.50	RT	1
RAMP C	197+20.50	TO	197+33.00	RT	1
RAMP B	381+94.00	TO	382+06.50	RT	1
RAMP B	397+75.00	TO	397+87.50	RT	1
TOTAL					4

ITEM 63100169					
TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)					
LOCATION	STATION	TO	STATION	LT / RT	EACH
RAMP C	1691+95.18	TO	1692+45.18	RT	1
RAMP C	189+70.50	TO	190+20.50	RT	1
RAMP D	219+75.00	TO	220+25.00	RT	1
RAMP B	1728+01.28	TO	1728+51.28	RT	1
RAMP B	396+25.00	TO	396+75.00	RT	1
TOTAL					5

ITEM 63200310					
GUARDRAIL REMOVAL					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
RAMP A	41+72.16	TO	49+41.41	RT	769
RAMP B	36+27.19	TO	37+66.50	LT	139
RAMP B	36+25.45	TO	37+65.52	RT	140
RAMP C	30+90.02	TO	37+98.00	RT	708
RAMP D	218+53.21	TO	221+79.00	RT	326
TOTAL					2,083

ITEM 44000200		
DRIVEWAY PAVEMENT REMOVAL		
STATION	LT / RT	SQ YD
1004+74.50	RT	135
1005+30.00	LT	193
1017+26.92	LT	214
1018+04.00	RT	187
1018+65.00	LT	134
1019+20.00	LT	124
1019+32.00	RT	190
1022+79.00	LT	59
TOTAL		1,235

REVISIONS		DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
NAME			
			SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

ITEM 66600105 FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS			
STATION	OFFSET	LT / RT	EACH
RAMP A			
400+53.86	77.2	RT	1
404+27.71	77.6	RT	1
406+00.00	147.1	RT	1
406+91.75	147.1	RT	1
410+17.58	49.6	RT	1
416+22.72	39.2	RT	1
417+22.72	54.2	RT	1
418+97.72	54.2	RT	1
419+97.72	39.2	RT	1
RAMP B			
390+40.65	28.9	RT	1
396+36.71	65.2	RT	1
399+35.75	42.7	RT	1
RAMP C			
187+49.76	28.9	RT	1
191+97.85	65.2	RT	1
191+96.83	42.7	RT	1
192+17.35	44.1	RT	1
193+30.69	82.1	RT	1
195+00.54	77.2	RT	1
197+05.36	68.7	RT	1
197+60.84	54.5	RT	1
RAMP D			
206+66.72	49.2	RT	1
207+97.73	52.8	RT	1
208+42.99	60.8	RT	1
208+55.72	54.0	RT	1
214+66.53	88.4	RT	1
214+89.28	21.8	RT	1
220+43.09	93.8	RT	1
220+49.12	84.2	RT	1
TOTAL			28

ITEM 44000500 COMBINATION CURB AND GUTTER REMOVAL					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
RIDGE	998+62.92	TO	1007+07.75	RT	845
RIDGE	1000+30.00	TO	1002+70.50	LT	241
RIDGE	1002+70.50	TO	1003+23.74	LT	81
OTTAWA	1003+22.45	TO	OTTAWA	LT	194
OTTAWA	1003+62.96	TO	OTTAWA	RT	124
OTTAWA	1003+81.78	TO	OTTAWA	RT	118
RIDGE	1003+81.78	TO	1005+14.42	LT	167
RIDGE	1005+28.83	TO	1005+52.17	LT	74
RIDGE	1005+68.95	TO	1007+04.28	LT	166
RIDGE	1004+74.54	TO	DRIVEWAY	RT	35
RIDGE	1016+91.96	TO	DRIVEWAY	LT	27
RIDGE	1017+66.21	TO	DRIVEWAY	RT	62
RIDGE	1017+59.23	TO	DRIVEWAY	LT	126
RIDGE	1018+31.65	TO	DRIVEWAY	RT	167
RIDGE	1018+79.05	TO	DRIVEWAY	LT	53
RIDGE	1019+38.00	TO	DRIVEWAY	LT	40
RIDGE	1019+66.31	TO	DRIVEWAY	RT	60
TOTAL					2,577

ITEM 70500625 TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 2					
LOCATION	STATION	TO	STATION	LT / RT	EACH
RIDGE	1006+92.56	TO	1007+01.04	RT	1
RAMP C	199+12.50	TO	199+25.00	LT	1
TOTAL					2

ITEM 70500615 TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1					
LOCATION	STATION	TO	STATION	LT / RT	EACH
RIDGE	1005+77.91	TO	1006+27.91	RT	1
RAMP C	194+75.00	TO	195+25.00	LT	1
TOTAL					2

ITEM 70500100 TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
RIDGE	1006+27.91	TO	1006+92.56	RT	75.0
RAMP C	195+25.00	TO	199+12.50	LT	387.5
TOTAL					462.5

ITEM 63000025 STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
RAMP B	397+62.50	TO	397+75.00	RT	12.5
TOTAL					12.5

ITEM 60618320 CONCRETE MEDIAN SURFACE, 6 INCH				
LOCATION	STATION	TO	STATION	AREA (SQ FT)
RIDGE ROAD	1004+61.67	TO	1007+79.20	3,586
RIDGE ROAD	1014+27.34	TO	1015+86.04	1,506
TOTAL				5,092

ITEM 60624600 CORRUGATED MEDIAN				
LOCATION	STATION	TO	STATION	AREA (SQ FT)
RIDGE ROAD	1003+80.00	TO	1005+30.00	1,070
RIDGE ROAD	1015+63.00	TO	1016+80.00	778
TOTAL				1,849

ITEM 60620300 CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)				
LOCATION	STATION	TO	STATION	AREA (SQ FT)
RIDGE ROAD	1008+64.45	TO	1011+00.00	1,206
RIDGE ROAD	1011+00.00	TO	1013+35.04	1,358
TOTAL				2,564

ITEM Z0030255 IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2			
LOCATION	STATION	LT / RT	EACH
TEMP RAMP A	11+25.00	LT	1
TOTAL			1

ITEM 66900200 NON-SPECIAL WASTE DISPOSAL					
LOCATION	STATION	TO	STATION	LT / RT	CU YD
RIDGE	1003+50	TO	1004+30	RT	55
RIDGE	1016+00	TO	1017+50	LT	187
TOTAL					242

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
NAME	DATE	
		SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



CULVERT, PIPE CULVERT, & STORM SEWER REMOVAL SCHEDULE						
FROM STATION	TO STATION	CULVERTS	STORM SEWER			
			12"	24"	36"	
		L.F.	L.F.	L.F.	L.F.	
RIDGE ROAD						
1012+20	RT 1012+20	LT 50				
1002+97	LT 1003+00	LT				
1003+29	RT 1003+29	RT	5			
1006+27	RT 1006+27	RT	10			
1003+21	RT 1002+96	RT	32			
1003+29	RT 1003+22	RT			7	
1005+05	RT 1003+29	RT				175
1006+27	RT 1005+05	RT				122
1006+60	RT 1006+27	RT				34
RAMP A						
403+93	LT 406+22	LT			225	
RAMP B						
397+70	LT 398+05	LT	51			
RAMP D						
200+90	LT 200+22	RT	105			
217+87	LT 217+83	RT			30	
220+95	LT 220+94	RT			10	
200+49	RT 204+00	RT				352
204+00	RT 207+43	RT				343
207+43	RT 210+97	RT				354
210+97	RT 213+87	RT				290
213+87	RT 217+87	LT				401
217+87	LT 220+95	LT				308
TOTALS			206	47	265	2,386

EXISTING STRUCTURE REMOVAL SCHEDULE						
STATION	OFFSET		MANHOLES	INLETS	CONCRETE HEADWALL	FLARED END SECTION
			EACH	EACH	EACH	EACH
RIDGE ROAD						
1002+12	19.3	RT		1		
1002+97	53.9	LT			1	
1003+18	28.9	RT			1	
1003+21	59.8	LT		1		
1003+29	19.3	RT		1		
1003+29	24.0	RT	1			
1005+05	27.4	RT	1			
1006+27	19.6	RT		1		
1006+27	31.5	RT	1			
1012+20	25.0	RT			1	
1012+20	25.0	LT			1	
RAMP A						
403+93	153.0	LT		1		
406+40	27.6	LT			1	
418+38	24.5	RT				1
RAMP B						
397+70	54.0	LT			1	
398+05	91.0	LT			1	
RAMP C						
188+66	1.3	RT				1
197+50	37.1	RT				1
RAMP D						
200+49	50.8	RT			1	
200+51	22.0	RT			1	
200+90	52.0	LT			1	
204+00	22.0	RT	1			
207+43	10.4	RT	1			
210+97	17.8	RT	1			
213+87	20.3	RT	1			
217+83	16.7	RT		1		
217+87	13.6	LT	1			
220+94	11.7	RT		1		
220+95	0.5	LT	1			
TOTALS			9	7	10	3

ITEM X6013600 PIPE UNDERDRAINS, 4" (MODIFIED)				
STATION	TO	STATION	LT / RT	LENGTH (FT)
RAMP A				
401+01.00	TO	403+10.00	LT	208
401+86.00	TO	403+11.00	RT	125
408+10.00	TO	403+10.00	LT	500
408+19.00	TO	406+00.00	RT	218
405+89.00	TO	403+11.00	RT	278
408+24.00	TO	413+00.00	RT	475
413+03.00	TO	418+00.00	RT	496
418+03.00	TO	420+00.00	RT	196
RAMP B				
384+25.00	TO	381+40.00	RT	284
286+80.00	TO	384+50.00	RT	229
389+46.00	TO	386+90.00	RT	255
389+50.00	TO	393+50.00	LT	400
389+53.00	TO	393+68.00	RT	414
393+68.00	TO	398+34.00	LT	465
393+71.00	TO	398+33.00	RT	462
RAMP C				
186+94.00	TO	183+40.00	RT	353
191+60.00	TO	187+00.00	RT	459
197+80.00	TO	199+00.00	LT	119
191+69.00	TO	193+86.00	RT	216
194+00.00	TO	197+75.00	RT	374
197+90.00	TO	198+85.00	LT	95
193+45.00	TO	197+85.00	LT	440
RAMP D				
205+95.00	TO	201+00.00	RT	494
207+30.00	TO	202+30.00	LT	500
209+90.00	TO	206+00.00	RT	389
209+96.00	TO	213+00.00	RT	303
213+11.00	TO	217+70.00	RT	458
217+86.00	TO	220+73.00	RT	286
TOTAL				9,491



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 2/10/06

DRAWN BY: NJS
CHECKED BY: JJC

TEMPORARY PAVEMENT 9.5"				
STATION	TO	STATION	LT / RT	AREA (SQ YD)
TEMPORARY RAMP A				
10+06.00	TO	16+14.28	LT	1,443
RAMP C				
192+26.40	TO	199+27.74	LT	1,252
TOTAL				2,695

TEMPORARY PAVEMENT 10"				
STATION	TO	STATION	LT / RT	AREA (SQ YD)
RAMP D				
200+71.00	TO	208+80.15	LT	1,653
TOTAL				1,653

TEMPORARY PAVEMENT 10.5"			
STATION	TO	STATION	AREA (SQ YD)
RIDGE ROAD			
998+62.92	TO	1011+00.00	3,199
1011+00.00	TO	1029+50.26	6,480
OTTAWA DRIVE			
7+25.09	TO	9+59.85	393
7+07.01	TO	8+04.82	162
8+39.09	TO	9+64.67	237
TOTAL			10,471

TEMPORARY PAVEMENT 11"				
STATION	TO	STATION	LT / RT	AREA (SQ YD)
TEMPORARY RAMP B				
10+00.00	TO	15+40.94	LT	1,345
TOTAL				1,345

ITEM 48300500 PORTLAND CEMENT CONCRETE SHOULDERS, 10"					
LOCATION	STATION	TO	STATION	LT / RT	AREA (SQ YD)
RIDGE ROAD	1014+12.65	TO	1012+77.50	LT	120
RIDGE ROAD	1012+77.50	TO	1012+34.04	LT	19
RAMP A	401+31.31	TO	401+85.80	RT	40
RAMP A	401+85.80	TO	408+98.98	RT	475
RAMP A	400+64.93	TO	401+45.74	LT	59
RAMP A	401+45.74	TO	408+98.98	LT	335
RAMP B	387+95.84	TO	396+25.00	RT	553
RAMP B	396+25.00	TO	397+87.50	RT	153
RAMP B	397+87.50	TO	398+45.91	RT	39
RAMP B	398+45.91	TO	398+95.56	RT	41
RAMP B	387+95.84	TO	398+90.01	LT	486
RAMP B	398+90.01	TO	399+35.50	LT	29
RAMP C	190+09.15	TO	197+33.00	RT	684
RAMP C	197+33.00	TO	198+66.40	RT	89
RAMP C	198+66.40	TO	199+19.66	RT	43
RAMP C	190+09.15	TO	198+22.07	LT	361
RAMP C	198+22.07	TO	198+65.64	LT	27
RAMP D	200+99.11	TO	201+78.96	RT	66
RAMP D	201+78.96	TO	208+93.59	RT	476
RAMP D	201+38.14	TO	201+79.64	LT	26
RAMP D	201+79.64	TO	208+93.59	LT	317
TOTAL					4,439

ITEM X4834090 PORTLAND CEMENT CONCRETE SHOULDERS, 14"				
LOCATION	STATION	TO	STATION	AREA (SQ YD)
RAMP A	424+06.86	TO	408+98.98	1,005
RAMP B	1727+38.27	TO	1728+51.28	31
RAMP B	381+33.76	TO	382+06.50	69
RAMP B	382+06.50	TO	387+95.84	393
RAMP C	1691+95.18	TO	1693+20.80	35
RAMP C	183+34.37	TO	184+19.50	80
RAMP C	184+19.50	TO	189+70.50	367
RAMP C	189+70.50	TO	190+09.15	37
RAMP D	208+93.59	TO	219+75.00	721
RAMP D	219+75.00	TO	220+50.00	71
RAMP D	220+50.00	TO	221+79.00	53
TOTAL				2,862

ITEM 44213200 SAW CUTS					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
I-80	1685+65.86	TO	1702+84.91	LT	1,719
I-80	1715+33.01	TO	1727+38.22	LT	1,205
I-80	1693+20.80	TO	1702+90.19	RT	969
I-80	1716+05.52	TO	1729+00.85	RT	1,295
TOTAL					5,189

BOX CULVERT END SECTIONS		
CULVERT DESCRIPTION	CULVERT NO. 3	CULVERT NO. 4
	EACH	EACH
8' x 5'	1	
7.5' x 2'		2
TOTAL	1	2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 2/10/06

DRAWN BY: NJS
CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

ITEM 60108100 PIPE UNDERDRAINS, 4" (SPECIAL)				
STATION	TO	STATION	LT / RT	LENGTH (FT)
RAMP A				
403+10.00	TO	403+10.00	LT	44
403+11.00	TO	403+11.00	RT	22
406+00.00	TO	406+00.00	RT	79
413+00.00	TO	413+00.00	RT	15
418+00.00	TO	418+00.00	RT	30
420+85.00	TO	420+85.00	RT	18
RAMP B				
381+40.00	TO	381+40.00	RT	21
384+50.00	TO	384+50.00	RT	21
386+90.00	TO	386+90.00	RT	24
393+50.00	TO	393+50.00	LT	39
393+68.00	TO	393+68.00	RT	25
398+33.00	TO	398+33.00	RT	18
398+34.00	TO	398+34.00	LT	18
RAMP C				
183+40.00	TO	183+40.00	RT	33
187+00.00	TO	187+00.00	RT	21
193+86.00	TO	193+86.00	RT	61
197+85.00	TO	197+85.00	LT	34
197+75.00	TO	197+75.00	RT	29
199+00.00	TO	199+00.00	RT	46
RAMP D				
201+00.00	TO	201+00.00	RT	15
202+30.00	TO	202+30.00	LT	28
206+00.00	TO	206+00.00	RT	21
213+00.00	TO	213+00.00	RT	13
217+70.00	TO	217+78.00	RT	12
220+73.00	TO	220+92.00	RT	19
TOTAL				705

ITEM 48101500 AGGREGATE SHOULDERS, TYPE B 6"					
LOCATION	STATION	TO	STATION	LT / RT	AREA (SQ YD)
RAMP A	401+45.74	TO	408+98.98	LT	167
RAMP A	401+85.80	TO	424+06.86	RT	494
RAMP B	382+06.50	TO	396+25.00	RT	315
RAMP B	397+87.50	TO	398+45.91	RT	13
RAMP B	387+95.84	TO	398+90.01	LT	243
RAMP C	184+19.50	TO	189+70.50	RT	122
RAMP C	197+33.00	TO	198+66.40	RT	30
RAMP C	190+08.94	TO	198+22.07	LT	181
RAMP D	201+78.96	TO	219+75.00	RT	399
RAMP D	201+79.64	TO	208+93.59	LT	159
TOTAL					2,123

ITEM 60250200 CATCH BASINS TO BE ADJUSTED		
STATION	LT / RT	EACH
1002+15.00	RT	1
TOTAL		1

ITEM 60255500 MANHOLES TO BE ADJUSTED		
STATION	LT / RT	EACH
1003+71.65	LT	1
1003+73.83	LT	1
1003+76.77	RT	1
TOTAL		3

ITEM 48100300 AGGREGATE SHOULDERS, TYPE A 4"					
LOCATION	STATION	TO	STATION	LT / RT	AREA (SQ YD)
RIDGE ROAD	1023+70.18	TO	1029+50.00	LT	258
RIDGE ROAD	1023+69.98	TO	1029+50.00	RT	258
TOTAL					516

ITEM 44004000 PAVED DITCH REMOVAL				
STATION	TO	STATION	LT / RT	LENGTH (FT)
392+00.00	TO	393+65.00	LT	192
393+65.00	TO	398+00.00	LT	440
200+05.00	TO	200+51.00	RT	49
TOTAL				681

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GRUNDY	243	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

PAVEMENT MARKING TAPE, TYPE III							
LOCATION	LETTERS & SYMBOLS	LINE - 4"		LINE - 6"	LINE - 8"	LINE - 12"	LINE - 24"
		WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE
	SQ FT	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
STAGE 1							
RIDGE ROAD		1478	2372			86	
OTTAWA DRIVE							
RAMP A		919	381				
RAMP B		701	84				
RAMP C		1076	560				
RAMP D							
STAGE 1A							
RIDGE ROAD		912	206	103			19
OTTAWA DRIVE							
RAMP A							
RAMP B	31						42
RAMP C	31	2308	651	199			
RAMP D							
STAGE 1B							
RIDGE ROAD		312	354				
OTTAWA DRIVE							
RAMP A							
RAMP B				78			
RAMP C	31	1039	380				
RAMP D							
STAGE 2							
RIDGE ROAD	47	4185	7137	688		273	108
OTTAWA DRIVE							
RAMP A							
RAMP B	31			358			35
RAMP C	62	135	3200	312			56
RAMP D		1382	2455				
STAGE 2A							
RIDGE ROAD	16	303	96	400			
OTTAWA DRIVE							
RAMP A							
RAMP B							
RAMP C							
RAMP D							
STAGE 3							
RIDGE ROAD	62		7549	1171			117
OTTAWA DRIVE							
RAMP A							
RAMP B				829			18
RAMP C				356			
RAMP D							
TAPE, TYPE III IN CASE OF COLD WEATHER PREVENTING PERMANENT MARKINGS							
	546	15,599	2,630	11,322	2,965	335	
TOTALS	858	55,774	7,124	11,322	3,324	731	

POLYUREA PAVEMENT MARKING, TYPE II								
LOCATION	LETTERS & SYMBOLS	LINE - 4"		LINE - 6"	LINE - 8"	LINE - 12"	LINE - 24"	
		WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	WHITE
	SQ FT	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
RIDGE ROAD	281	2851	1973	1410	892		49	256
OTTAWA DRIVE	31		96					
RAMP A		2234	729	182	2457	730		
RAMP B	140	1737	1065	501	2585	648		42
RAMP C	94	1544	795	537	2808	1096		38
RAMP D		1868	705		2581	442		
SUB-TOTALS		10,234	5,364			2,915	49	
TOTALS	546	15,598		2,629	11,322	2,965		336

TEMPORARY PAVEMENT MARKINGS							
LOCATION	LETTERS & SYMBOLS	LINE - 4"		LINE - 6"	LINE - 12"	LINE - 24"	
		WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE
	SQ FT	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
STAGE 1							
RIDGE ROAD	31	4490	5784	250		306	97
OTTAWA DRIVE							12
RAMP A		647	511				
RAMP B	31	1059	653	43	160		22
RAMP C	31	794	548	66			88
RAMP D		767	792				
STAGE 1A							
RIDGE ROAD							36
STAGE 1A							
OTTAWA DRIVE							12
SUB-TOTALS		7,757	8,289		160	306	
TOTALS	94	16,046		360	467		267

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SCHEDULE OF QUANTITIES
 SCALE: NONE
 DATE: 2/10/06
 DRAWN BY: NJS
 CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

ITEM 21001000				
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION				
LOCATION	STATION	TO	STATION	SQ YD
RIDGE	1000+30.00	TO	1011+00.00	10,344
RIDGE	1011+00.00	TO	1025+50.00	12,544
RAMP A	402+05.61	TO	424+06.86	6,022
RAMP B	381+33.22	TO	398+70.91	6,678
RAMP C	190+09.15	TO	198+45.22	5,314
RAMP D	201+54.64	TO	220+50.00	5,746
TOTAL				46,648

ITEM 31200100				
STABILIZED SUB-BASE 4"				
LOCATION	STATION	TO	STATION	AREA (SQ YD)
RIDGE	1000+30.00	TO	1011+00.00	8,067
RIDGE	1011+00.00	TO	1025+50.00	10,370
OTTAWA	8+39.09	TO	RIDGE INTERSECTION	433
RAMP A	RIDGE INTERSECTION	TO	408+98.98	2,187
RAMP B	387+95.84	TO	RIDGE INTERSECTION	3,552
RAMP C	190+09.15	TO	RIDGE INTERSECTION	2,416
RAMP D	RIDGE INTERSECTION	TO	208+93.59	2,173
TOTAL				29,199

ITEM XX001854				
STABILIZED SUB-BASE 6" (BAM)				
LOCATION	STATION	TO	STATION	AREA (SQ YD)
RAMP A	1700+76.29	TO	408+98.98	4,173
RAMP B	1715+33.01	TO	381+33.76	2,731
RAMP C	1693+20.80	TO	1702+90.19	2,368
RAMP D	1716+05.52	TO	221+04.06	3,379
TOTAL				12,651

ITEM Z0028700				
GRANULAR SUBGRADE REPLACEMENT				
LOCATION	STATION	TO	STATION	CU YD
RAMP B	386+50.00	TO	389+50.00	695
RAMP C	198+00.00	TO	199+00.00	510
TOTAL				1,205

ITEM Z0001050				
AGGREGATE SUBGRADE 12"				
LOCATION	STATION	TO	STATION	AREA (SQ YD)
RIDGE	1000+30.00	TO	1011+00.00	10,344
RIDGE	1011+00.00	TO	1025+50.00	12,544
OTTAWA	8+39.09	TO	RIDGE INTERSECTION	107
RAMP A	402+05.61	TO	424+06.86	6,022
RAMP B	381+33.22	TO	398+70.91	6,678
RAMP C	190+09.15	TO	198+45.22	5,314
RAMP D	201+54.64	TO	220+50.00	5,746
TOTAL				46,756

ITEM 70400100					
TEMPORARY CONCRETE BARRIER					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
TEMP RAMP A	11+25.00	TO	14+50.00	LT	325
TOTAL					325

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JJC



ITEM 42300400		
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH		
STATION	LT / RT	SQ YD
1017+26.92	LT	86
1018+13.36	RT	109
1018+58.93	LT	63
1019+20.26	RT	110
1020+69.72	LT	87
1022+67.67	LT	33
1001+41.73	LT	28
1001+41.73	RT	32
1004+07.97	RT	499
1005+41.11	LT	291
TOTAL		1,337

ITEM 66500105					
WOVEN WIRE FENCE, 4'					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
RAMPA	400+55.03	TO	410+17.58	RT	964
RAMP A	416+29.11	TO	419+91.08	RT	365
RAMP B	390+43.15	TO	399+33.57	RT	903
RAMP C	187+57.26	TO	196+18.52	RT	860
RAMP C	197+19.25	TO	197+59.01	RT	41
RAMP D	200+53.00	TO	208+53.59	RT	789
TOTAL					3,923

ITEM 42100380				
CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14"				
LOCATION	STATION	TO	STATION	AREA (SQ YD)
RAMP A	408+98.98	TO	413+06.95	725
RAMP A	413+06.95	TO	416+06.86	400
RAMP A	416+06.86	TO	424+06.86	1,067
RAMP A	GORE AREA			588
RAMP B	384+35.33	TO	387+95.84	641
RAMP B	381+33.76	TO	384+35.33	536
RAMP B	GORE AREA			1,147
RAMP C	186+48.64	TO	190+09.15	641
RAMP C	183+34.37	TO	186+48.64	559
RAMP C	GORE AREA			816
RAMP D	208+93.59	TO	213+28.42	773
RAMP D	213+28.42	TO	216+28.42	400
RAMP D	216+28.42	TO	220+50.00	562
RAMP D	GORE AREA			528
TOTAL				9,383

ITEM 44000100		
PAVEMENT REMOVAL		
LOCATION	AREA (SQ YD)	
RIDGE ROAD	9,742	
RAMP A	5,072	
RAMP B	4,043	
RAMP C	3,321	
RAMP D	4,717	
TOTAL		26,894

ITEM 66502300					
WOVEN WIRE FENCE REMOVAL					
LOCATION	STATION	TO	STATION	LT / RT	LENGTH (FT)
RAMPA	1016+60.32	TO	410+02.75	RT	1,086
RAMP A	416+22.72	TO	419+97.72	RT	375
RAMP B	390+37.37	TO	399+35.75	RT	936
RAMP C	187+49.76	TO	197+60.84	RT	987
RAMP D	200+67.55	TO	208+55.72	RT	777
TOTAL					4,162

ITEM 28101400		
RIPRAP		
LOCATION	SQ YD	
11' X 4' CULVERT	25	
7.5' X 2' CULVERT	36	
8' X 5' CULVERT	20	
TOTAL		81

ITEM 44000920		
BITUMINOUS CONCRETE SHOULDER REMOVAL		
LOCATION	REA (SQ YD)	
RAMP A	1,984	
RAMP B	1,422	
RAMP C	1,644	
RAMP D	1,467	
TOTAL		6,517

ITEM 28102500				
STONE RIPRAP DITCH				
STATION	TO	STATION	LT / RT	SQ YD
RAMP B				
398+35	TO	397+81	LT	235
RAMP D				
202+90	TO	202+60	LT	25
203+90	TO	203+60	RT	30
204+90	TO	204+60	LT	19
TOTAL				309

ITEM 42000501				
PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)				
LOCATION	STATION	TO	STATION	AREA (SQ YD)
RIDGE	1000+30.00	TO	1011+00.00	7,049
RIDGE	1011+00.00	TO	1025+50.00	9,317
OTTAWA	8+39.09	TO	RIDGE INTERSECTION	64
RAMP A	RIDGE INTERSECTION	TO	408+98.98	2,085
RAMP B	387+95.84	TO	RIDGE INTERSECTION	3,420
RAMP C	190+09.15	TO	RIDGE INTERSECTION	2,226
RAMP D	RIDGE INTERSECTION	TO	208+93.59	2,022
TOTAL				26,183

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SCHEDULE OF QUANTITIES

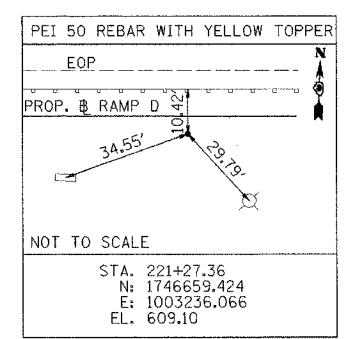
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 DATE: 2/10/06

DRAWN BY: NJS
 CHECKED BY: JJC

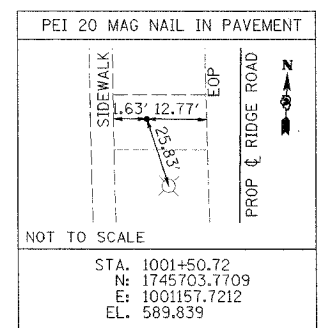
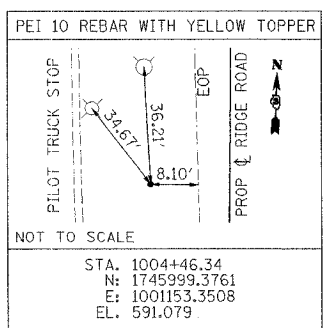
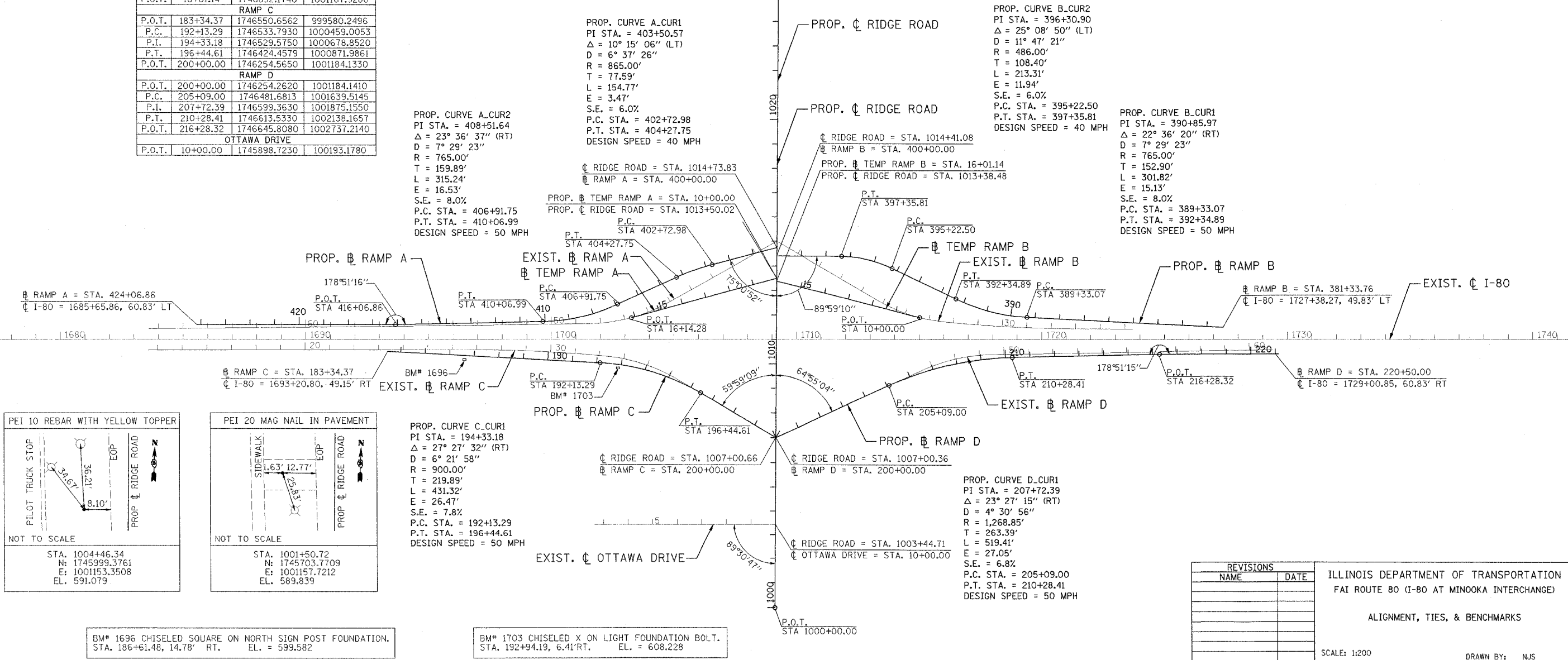


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GRUNDY	243	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

STATE PLANE COORDINATES		
DESCRIPTION	NORTHING	EASTING
RIDGE ROAD		
P.O.T. 1000+00.00	1745554.1270	1001201.9360
P.O.T. 1038+00.00	1749352.9000	1001105.3840
RAMP A		
P.O.T. 400+00.00	1747027.4820	1001164.4880
P.C. 402+72.98	1746950.2183	1000902.6712
P.L. 403+50.57	1746928.2560	1000828.2520
P.T. 404+27.75	1746893.3998	1000758.9295
P.C. 406+91.75	1746774.8023	1000523.0656
P.L. 408+51.64	1746702.9760	1000380.2190
P.T. 410+06.99	1746694.3740	1000220.5626
P.O.T. 416+06.86	1746662.1020	999621.5630
TEMP RAMP A		
P.O.T. 10+00.00	1746903.7150	1001167.6340
P.O.T. 16+14.28	1746722.0150	1000580.8456
RAMP B		
P.O.T. 381+33.22	1746765.1550	1002992.9620
P.C. 389+33.07	1746780.5000	1002193.2618
P.L. 390+85.97	1746783.4340	1002040.3890
P.T. 392+34.89	1746844.9046	1001900.3888
P.C. 395+22.50	1746960.5328	1001637.0446
P.L. 396+30.90	1747004.1120	1001537.7920
P.T. 397+35.81	1747001.3840	1001429.4279
P.O.T. 400+00.00	1746994.7360	1001165.3210
TEMP RAMP B		
P.O.T. 10+00.00	1746763.8477	1001755.2136
P.O.T. 16+01.14	1746892.1740	1001167.9280
RAMP C		
P.O.T. 183+34.37	1746550.6562	999580.2496
P.C. 192+13.29	1746533.7930	1000459.0053
P.L. 194+33.18	1746529.5750	1000678.8520
P.T. 196+44.61	1746424.4579	1000871.9861
P.O.T. 200+00.00	1746254.5650	1001184.1330
RAMP D		
P.O.T. 200+00.00	1746254.2620	1001184.1410
P.C. 205+09.00	1746481.6813	1001639.5145
P.L. 207+72.39	1746599.3630	1001875.1550
P.T. 210+28.41	1746613.5330	1002138.1657
P.O.T. 216+28.32	1746645.8080	1002737.2140
OTTAWA DRIVE		
P.O.T. 10+00.00	1745898.7230	100193.1780



NOTE:
SEE SUPERELEVATION TRANSITIONS SHEET FOR DETAILS ON THE SUPERELEVATION RATES



BM# 1696 CHISELED SQUARE ON NORTH SIGN POST FOUNDATION.
STA. 186+61.48, 14.78' RT. EL. = 599.582

BM# 1703 CHISELED X ON LIGHT FOUNDATION BOLT.
STA. 192+94.19, 6.41' RT. EL. = 608.228

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE) ALIGNMENT, TIES, & BENCHMARKS
NAME	DATE	

SCALE: 1:200
DATE: 2/10/06
DRAWN BY: NJS
CHECKED BY: JUC

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
RAMP A				
401+30.00	604.19	1.50 N.C.	604.10	604.50
401+55.00	603.81	0.63%	603.80	603.93
401+73.00	603.54	0.00%	603.54	603.54
401+80.00	603.44	0.24%	603.44	603.40
402+05.00	603.06	1.12%	603.06	602.88
402+30.00	602.27	1.99%	602.27	601.95
402+55.00	602.46	2.86%	602.46	602.00
402+72.98 (PC)	602.34	3.49 S.E.	602.34	601.78
402+80.00	602.30	3.73%	602.30	601.70
403+05.00	602.23	4.60%	602.23	601.49
403+30.00	602.26	5.48%	602.26	601.38
403+45.00	602.31	6.00 F.S.	602.31	601.35
403+70.00	602.49	5.30%	602.49	601.64
403+95.00	602.75	4.60%	602.75	602.01
404+20.00	603.11	3.91%	603.11	602.48
404+27.75 (PT)	603.24	3.69 S.E.	603.24	602.65
404+45.00	603.56	3.21%	603.56	603.05
404+70.00	604.10	2.51%	604.10	603.70
404+95.00	604.73	1.81%	604.73	604.44
405+20.00	605.36	1.12%	605.36	605.18
405+45.00	605.94	0.42%	605.94	605.87
405+60.00	606.26	0.00 S.E.	606.26	606.26
405+85.00	606.76	0.77%	606.76	606.88
406+10.00	607.21	1.54%	607.21	607.46
406+35.00	607.61	2.31%	607.61	607.98
406+60.00	607.96	3.08%	607.96	608.45
406+85.00	608.26	3.85%	608.26	608.88
406+91.75 (PC)	608.33	4.05 S.E.	608.33	608.98
407+10.00	608.51	4.62%	608.51	609.25
407+35.00	608.71	5.38%	608.71	609.57
407+60.00	608.86	6.15%	608.86	609.84
407+85.00	608.96	6.92%	608.96	610.07
408+10.00	609.01	7.69%	609.01	610.24
408+20.00	609.01	8.00 F.S.	609.01	610.29
408+77.00	608.89	8.00 F.S.	608.89	610.17
409+02.00	608.76	7.77%	608.76	610.00
409+27.00	608.57	7.54%	608.57	609.78
409+52.00	608.34	7.31%	608.34	609.51
409+77.00	608.06	7.08%	608.06	609.19
410+02.00	607.73	6.85%	607.73	608.83
410+07.00	607.66	6.80 S.E.	607.66	608.75
410+32.00	607.32	6.20%	607.32	608.31
410+57.00	606.99	5.60%	606.99	607.89
410+82.00	606.65	5.00%	606.65	607.45
411+07.00	606.32	4.40%	606.32	607.02
411+32.00	605.98	3.80%	605.98	606.59
411+57.00	605.65	3.20%	605.65	606.16
411+82.00	605.31	2.60%	605.31	605.73
412+07.00	604.98	2.00 N.C.	604.98	605.30

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
RAMP B				
387+93.00	616.00	2.00 N.C.	616.00	616.32
388+18.00	616.17	2.71%	616.17	616.60
388+43.00	616.32	3.42%	616.32	616.87
388+68.00	616.43	4.13%	616.43	617.09
388+93.00	616.52	4.84%	616.52	617.29
389+18.00	616.57	5.55%	616.57	617.46
389+33.07 (PC)	616.59	6.00 S.E.	616.59	617.55
389+43.00	616.60	6.27%	616.60	617.60
389+68.00	616.59	6.98%	616.59	617.71
389+93.00	616.56	7.69%	616.56	617.79
390+03.00	616.54	8.00 F.S.	616.54	617.82
391+48.00	616.18	8.00 F.S.	616.18	617.46
391+73.00	616.11	7.23%	616.11	617.27
391+98.00	616.05	6.46%	616.05	617.08
392+23.00	615.99	5.69%	615.99	616.90
392+34.89 (PT)	615.96	5.32 S.E.	615.96	616.81
392+48.00	615.92	4.92%	615.92	616.71
392+73.00	615.86	4.15%	615.86	616.52
392+98.00	615.79	3.38%	615.79	616.33
393+23.00	615.69	2.62%	615.69	616.11
393+48.00	615.54	1.85%	615.54	615.84
393+73.00	615.35	1.08%	615.35	615.52
393+98.00	615.11	0.31%	615.10	615.56
394+08.00	615.01	0.00 S.E.	615.01	615.01
394+33.00	614.71	0.68%	614.74	614.60
394+58.00	614.38	1.36%	614.46	614.16
394+83.00	614.00	2.04%	614.15	613.67
395+08.00	613.57	2.72%	613.82	613.13
395+22.50 (PC)	613.31	3.13 S.E.	613.62	612.81
395+33.00	613.11	3.40%	613.47	612.57
395+58.00	612.60	4.08%	613.10	611.95
395+83.00	612.04	4.76%	612.70	611.28
396+08.00	611.45	5.44%	612.29	610.58
396+28.00	610.94	6.00 F.S.	611.95	609.98
396+63.00	609.99	6.00 F.S.	611.14	609.03
396+88.00	609.26	5.15%	610.29	608.44
397+13.00	608.51	4.30%	609.37	607.82
397+35.81 (PT)	607.82	3.51 S.E.	608.52	607.26
397+38.00	607.76	3.45%	608.45	607.21
397+63.00	607.01	2.60%	607.53	606.59
397+88.00	606.26	1.75%	606.61	605.98
398+13.00	605.51	0.90%	605.64	605.74
398+38.00	604.85	0.05%	604.96	604.61
398+63.00	604.38	0.80%	604.40	604.14
398+83.00	604.14	1.50 N.C.	604.07	603.90

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
RAMP C				
191+28.00	609.82	2.00 N.C.	609.82	610.14
191+53.00	609.87	2.78%	609.87	610.31
191+78.00	609.87	3.56%	609.87	610.44
192+03.00	609.81	4.34%	609.81	610.50
192+13.29 (PC)	609.77	4.67 S.E.	609.77	610.52
192+28.00	609.70	5.12%	609.70	610.52
192+53.00	609.52	5.90%	609.52	610.46
192+56.00	609.50	6.00 F.S.	609.50	610.46
195+97.00	601.38	6.00 F.S.	601.38	602.34
196+22.00	600.37	5.13%	600.26	601.19
196+44.61 (PT)	599.41	4.33 S.E.	599.26	600.10
196+47.00	599.31	4.26%	599.15	599.99
196+72.00	598.23	3.40%	598.05	598.77
196+97.00	597.25	2.53%	597.08	597.65
197+22.00	596.36	1.66%	596.23	596.63
197+47.00	595.55	0.79%	595.70	595.43
197+72.00	594.83	0.08%	594.90	594.71
197+97.00	594.21	0.94%	594.16	594.09
198+13.00	593.85	1.50 N.C.	593.73	594.10
RAMP D				
203+36.00	599.56	1.50 N.C.	599.56	599.31
203+61.00	600.56	1.93%	600.56	600.87
203+86.00	601.55	2.37%	601.55	601.93
204+11.00	602.55	2.80%	602.55	603.00
204+36.00	603.54	3.23%	603.54	604.06
204+61.00	604.54	3.67%	604.54	605.13
204+86.00	605.54	4.10%	605.54	606.20
205+09.00 (PC)	606.45	4.50 S.E.	606.45	607.17
205+11.00	606.53	4.55%	606.53	607.26
205+36.00	607.53	5.21%	607.53	608.36
205+61.00	608.51	5.87%	608.51	609.45
205+86.00	609.44	6.54%	609.44	610.49
205+96.00	609.80	6.80 F.S.	609.80	610.89
208+98.00	616.42	6.80 F.S.	616.42	617.51
209+23.00	616.60	6.36%	616.60	617.62
209+48.00	616.73	5.92%	616.73	617.68
209+73.00	616.81	5.48%	616.81	617.69
209+98.00	616.83	5.04%	616.83	617.64
210+23.00	616.79	4.60%	616.79	617.53
210+28.41 (PT)	616.78	4.50 S.E.	616.78	617.50
210+48.00	616.70	4.38%	616.70	617.40
210+73.00	616.57	4.22%	616.57	617.25
210+98.00	616.43	4.07%	616.43	617.08
211+23.00	616.30	3.91%	616.30	616.93
211+48.00	616.16	3.76%	616.16	616.76
211+73.00	616.03	3.60%	616.03	616.61
211+98.00	615.89	3.45%	615.89	616.44
212+23.00	615.76	3.29%	615.76	616.29
212+28.00	615.73	3.26 S.E.	615.73	616.25
212+53.00	615.60	3.01%	615.60	616.08
212+78.00	615.46	2.75%	615.46	615.90
213+03.00	615.31	2.50%	615.31	615.71
213+28.00	615.16	2.24 S.E.	615.16	615.52
213+52.00	615.00	2.00 N.C.	615.00	615.35

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
TEMPORARY RAMP A				
13+90.00	610.03	1.50% N.C.	610.00	610.27
14+15.00	610.59	0.03	610.54	611.01
14+40.00	611.09	0.04	611.02	611.68
14+65.00	611.59	4.80% S.E.	611.49	612.36
14+90.00	MATCH EXISTING S.E.			
15+15.00	MATCH EXISTING S.E.			
15+40.00	MATCH EXISTING S.E.			
15+65.00	MATCH EXISTING S.E.			
15+90.00	MATCH EXISTING S.E.			
TEMPORARY RAMP B				
10+20.00	MATCH EXISTING S.E.			
10+45.00	MATCH EXISTING S.E.			
10+70.00	MATCH EXISTING S.E.			
10+95.00	MATCH EXISTING S.E.			
11+20.00	MATCH EXISTING S.E.			
11+45.00	615.75	6.2% S.E.	615.63	616.74
11+70.00	615.04	5.08%	614.94	615.85
11+95.00	614.29	3.96%	614.21	614.92
12+20.00	613.51	2.84%	613.45	613.96
12+45.00	612.70	1.72%	612.67	612.98
12+50.00	612.53	1.50% N.C.	612.50	612.77

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FBI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

SUPERELEVATION TRANSITIONS

SCALE: NONE
 DATE: 2/10/06

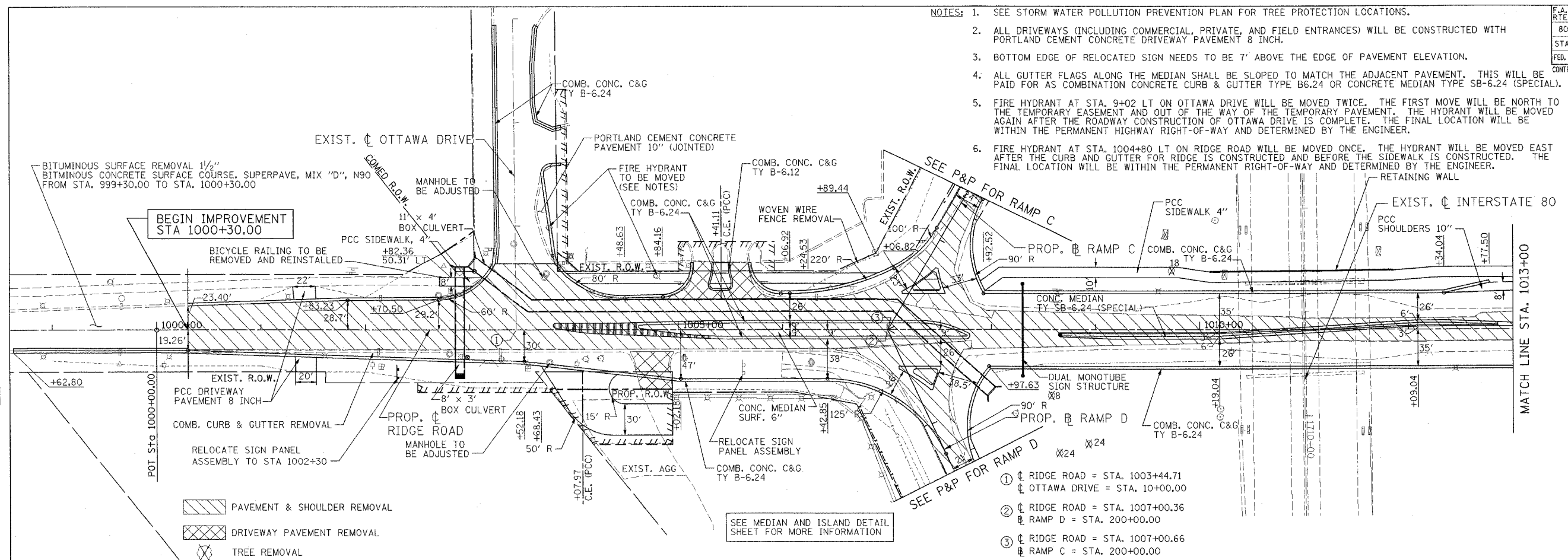
DRAWN BY: NJS
 CHECKED BY: JJC



F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	35
STA. 1000+00		TO STA. 1013+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

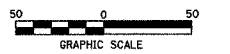
- NOTES:
- SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS.
 - ALL DRIVEWAYS (INCLUDING COMMERCIAL, PRIVATE, AND FIELD ENTRANCES) WILL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH.
 - BOTTOM EDGE OF RELOCATED SIGN NEEDS TO BE 7' ABOVE THE EDGE OF PAVEMENT ELEVATION.
 - ALL GUTTER FLAGS ALONG THE MEDIAN SHALL BE SLOPED TO MATCH THE ADJACENT PAVEMENT. THIS WILL BE PAID FOR AS COMBINATION CONCRETE CURB & GUTTER TYPE B6.24 OR CONCRETE MEDIAN TYPE SB-6.24 (SPECIAL).
 - FIRE HYDRANT AT STA. 9+02 LT ON OTTAWA DRIVE WILL BE MOVED TWICE. THE FIRST MOVE WILL BE NORTH TO THE TEMPORARY EASEMENT AND OUT OF THE WAY OF THE TEMPORARY PAVEMENT. THE HYDRANT WILL BE MOVED AGAIN AFTER THE ROADWAY CONSTRUCTION OF OTTAWA DRIVE IS COMPLETE. THE FINAL LOCATION WILL BE WITHIN THE PERMANENT HIGHWAY RIGHT-OF-WAY AND DETERMINED BY THE ENGINEER.
 - FIRE HYDRANT AT STA. 1004+80 LT ON RIDGE ROAD WILL BE MOVED ONCE. THE HYDRANT WILL BE MOVED EAST AFTER THE CURB AND GUTTER FOR RIDGE IS CONSTRUCTED AND BEFORE THE SIDEWALK IS CONSTRUCTED. THE FINAL LOCATION WILL BE WITHIN THE PERMANENT RIGHT-OF-WAY AND DETERMINED BY THE ENGINEER.

DATE	BY
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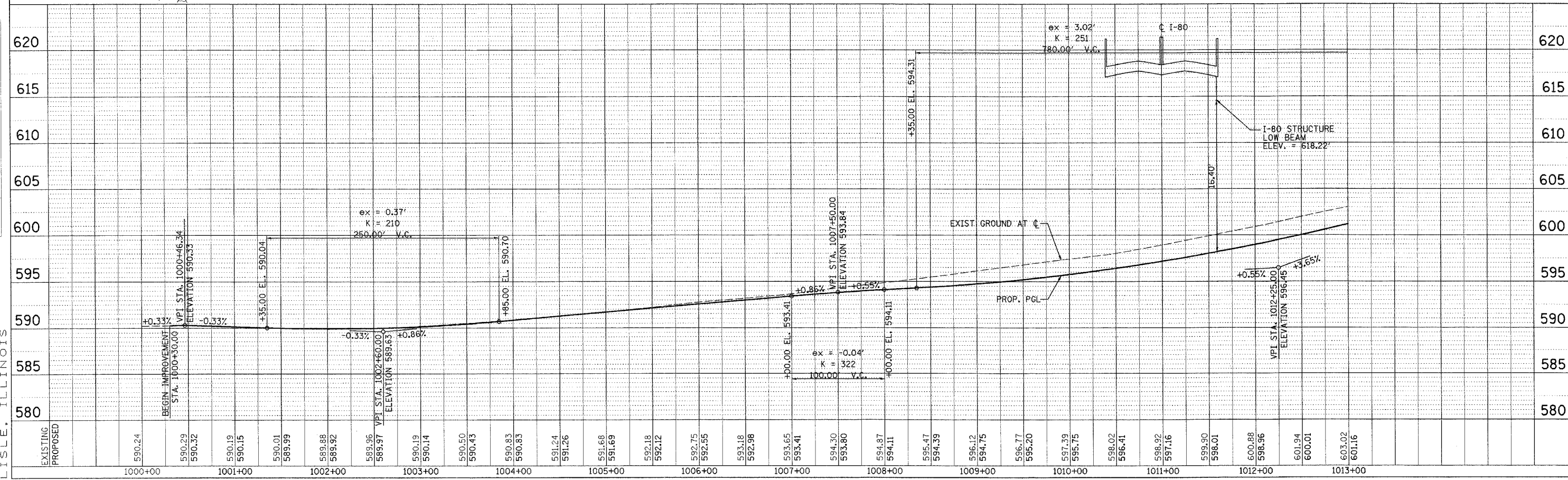


- PAVEMENT & SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TREE REMOVAL

- ① ∇ RIDGE ROAD = STA. 1003+44.71
- ② ∇ OTTAWA DRIVE = STA. 10+00.00
- ③ ∇ RIDGE ROAD = STA. 1007+00.36
- ④ ∇ RAMP D = STA. 200+00.00
- ⑤ ∇ RIDGE ROAD = STA. 1007+00.66
- ⑥ ∇ RAMP C = STA. 200+00.00



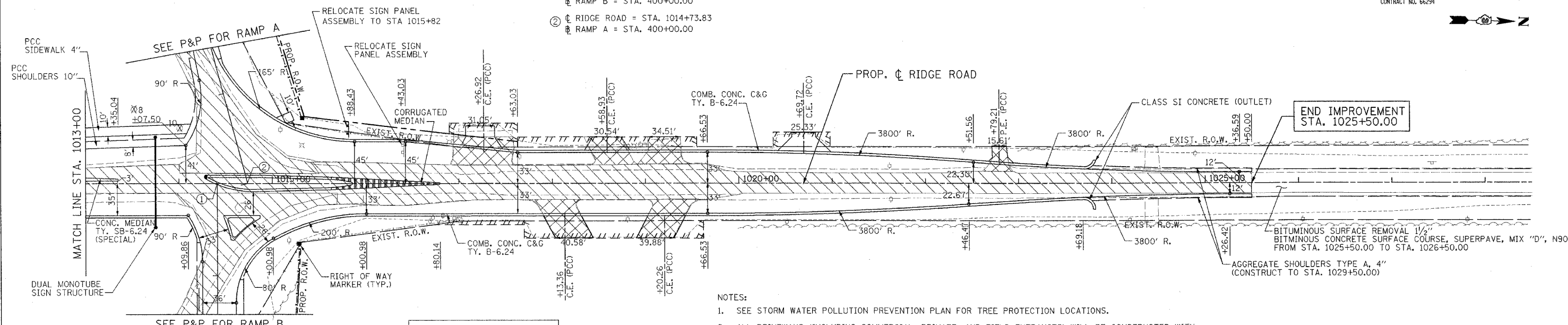
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ENGINEERING INC.
LISLE, ILLINOIS

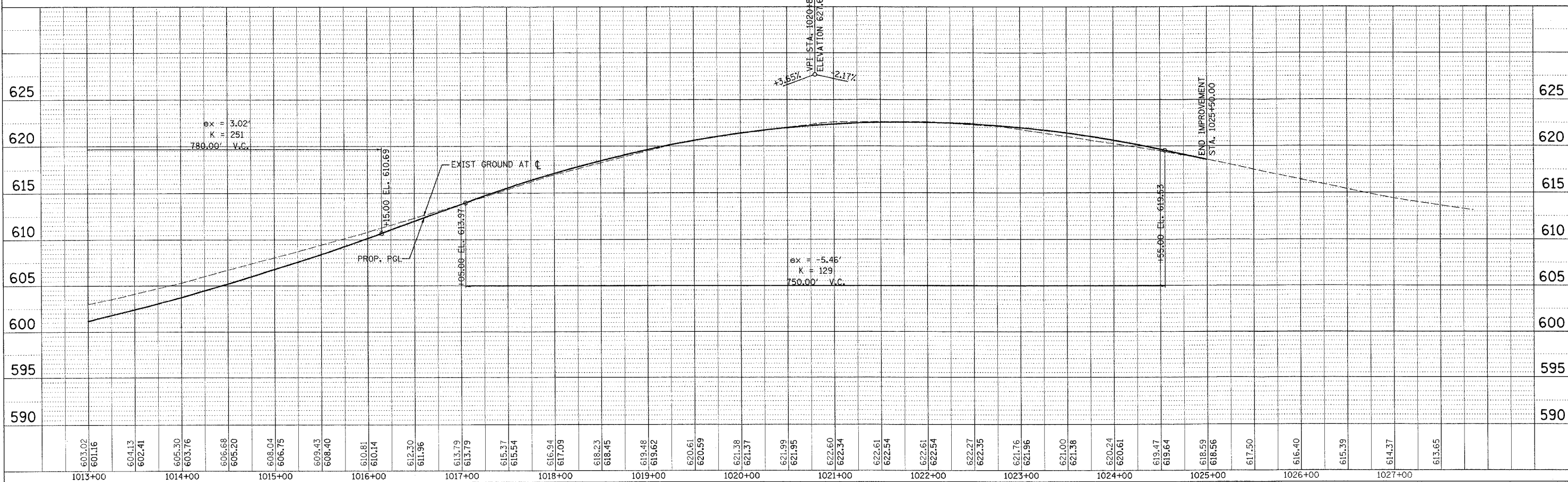
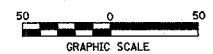
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	432, 47-4K	KENDALL/GRUNDY	243	36
STA. 1013+00		TO STA. 1025+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

- ① RIDGE ROAD = STA. 1014+41.08
RAMP B = STA. 400+00.00
- ② RIDGE ROAD = STA. 1014+73.83
RAMP A = STA. 400+00.00



- NOTES:
- SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS.
 - ALL DRIVEWAYS (INCLUDING COMMERCIAL, PRIVATE, AND FIELD ENTRANCES) WILL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH.
 - BOTTOM EDGE OF RELOCATED SIGN NEEDS TO BE 7' ABOVE THE EDGE OF PAVEMENT ELEVATION.
 - ALL GUTTER FLAGS ALONG THE MEDIAN SHALL BE SLOPED TO MATCH THE ADJACENT PAVEMENT. THIS WILL BE PAID FOR AS COMBINATION CONCRETE CURB & GUTTER TYPE B6.24 OR CONCRETE MEDIAN TYPE SB-6.24 (SPECIAL).

- PAVEMENT & SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- TREE REMOVAL
- RIGHT OF WAY MARKER (SEE STANDARD 666001)



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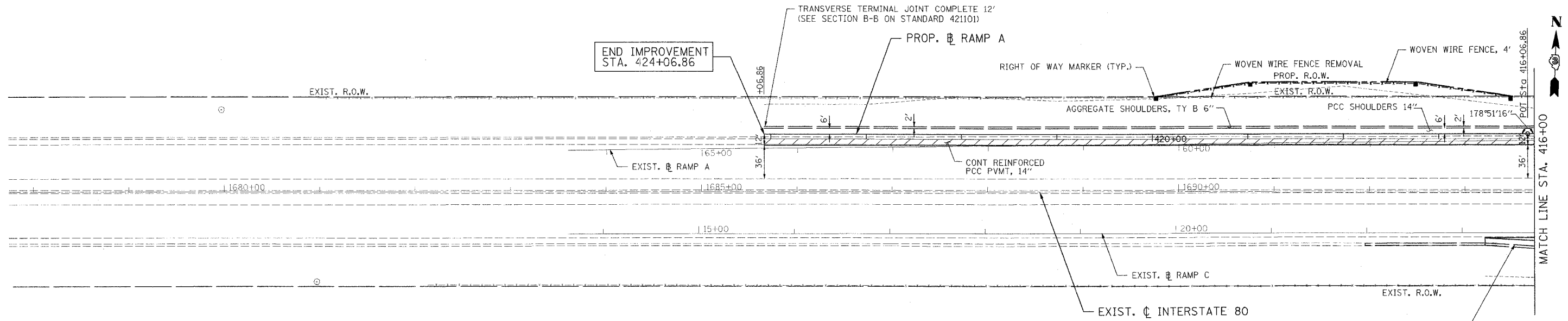
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	37
STA. 424+07		TO STA. 416+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

PLAN	DATE
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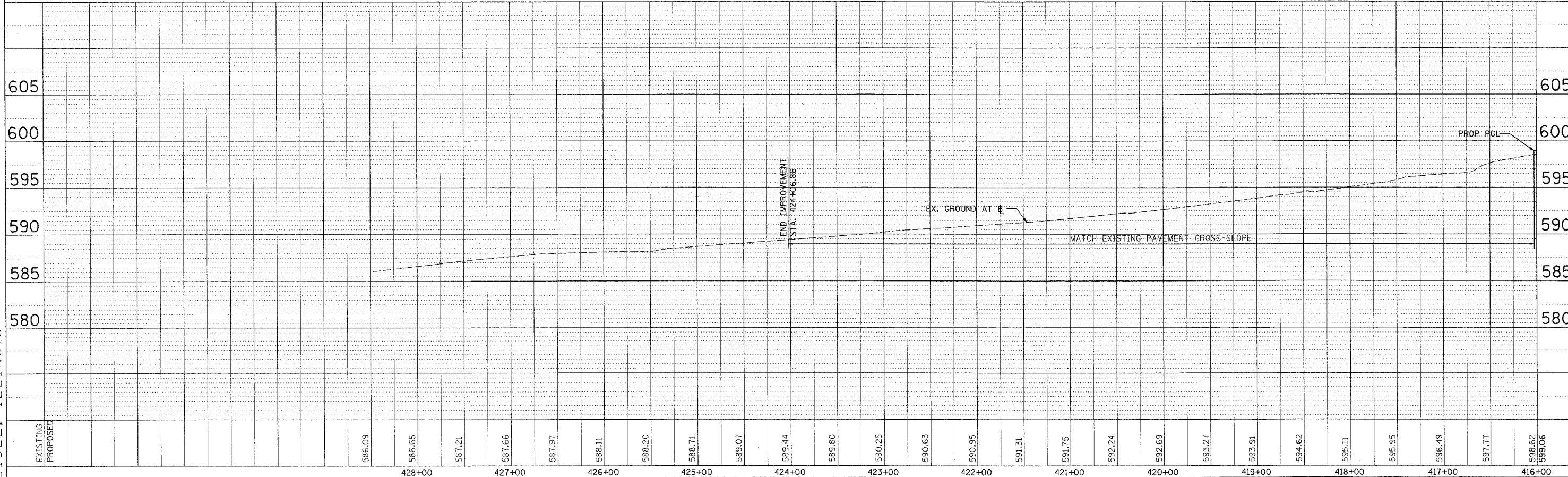
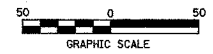
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- PAVEMENT & SHOULDER REMOVAL
- TREE REMOVAL
- RIGHT OF WAY MARKER (SEE STANDARD 666001)

NOTE: SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS



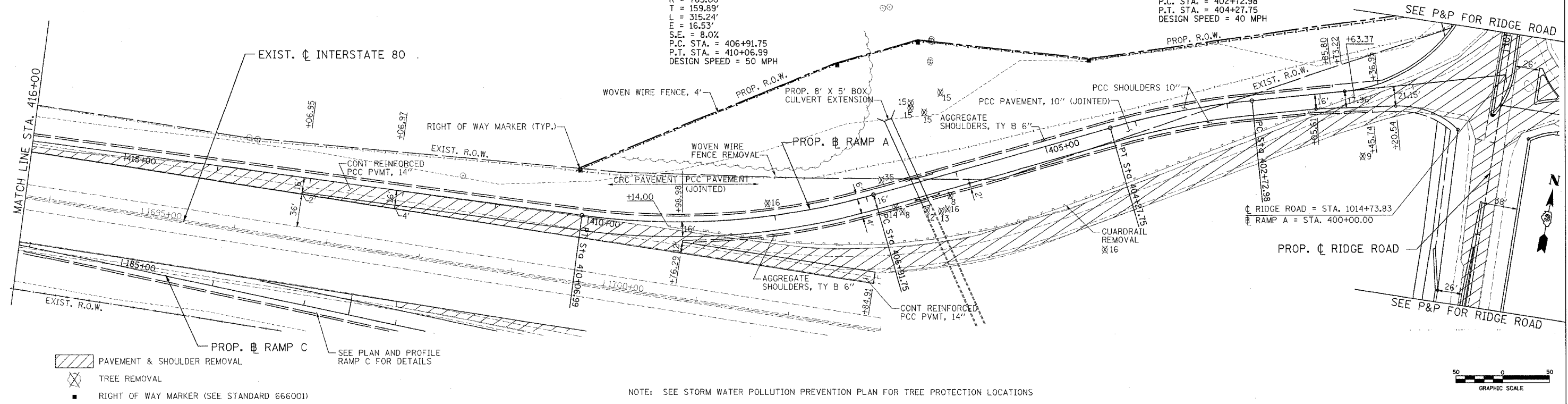
EXISTING	PROPOSED	428+00	427+00	426+00	425+00	424+00	423+00	422+00	421+00	420+00	419+00	418+00	417+00	416+00														
		586.09	586.65	587.21	587.66	587.97	588.11	588.20	588.71	589.07	589.44	589.80	590.25	590.63	590.95	591.31	591.75	592.24	592.69	593.27	593.91	594.62	595.11	595.95	596.49	597.77	598.62	599.06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNY	243	38
STA. 416+00		TO STA. 400+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

PROP. CURVE A-CUR1
 PI STA. = 403+50.57
 $\Delta = 10^{\circ} 15' 06''$ (LT)
 $D = 6^{\circ} 37' 26''$
 $R = 865.00'$
 $T = 77.59'$
 $L = 154.77'$
 $E = 3.47'$
 $S.E. = 6.0\%$
 P.C. STA. = 402+72.98
 P.T. STA. = 404+27.75
 DESIGN SPEED = 40 MPH

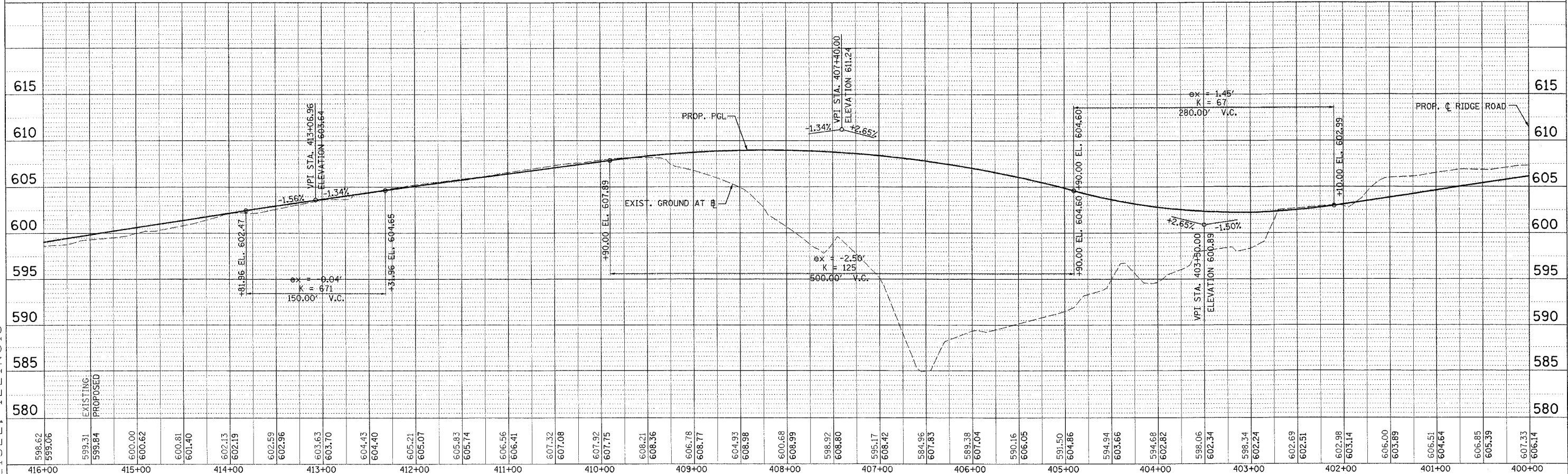
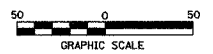
NOTE: SEE STANDARD 420206 FOR ADDITIONAL DETAILS

PROP. CURVE A-CUR2
 PI STA. = 408+51.64
 $\Delta = 23^{\circ} 36' 37''$ (RT)
 $D = 7^{\circ} 29' 23''$
 $R = 765.00'$
 $T = 159.89'$
 $L = 315.24'$
 $E = 16.53'$
 $S.E. = 8.0\%$
 P.C. STA. = 406+91.75
 P.T. STA. = 410+06.99
 DESIGN SPEED = 50 MPH



- PAVEMENT & SHOULDER REMOVAL
- TREE REMOVAL
- RIGHT OF WAY MARKER (SEE STANDARD 666001)

NOTE: SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS



PLAN AND PROFILE RAMP A STA. 416+00 TO STA. 400+00

DATE	BY

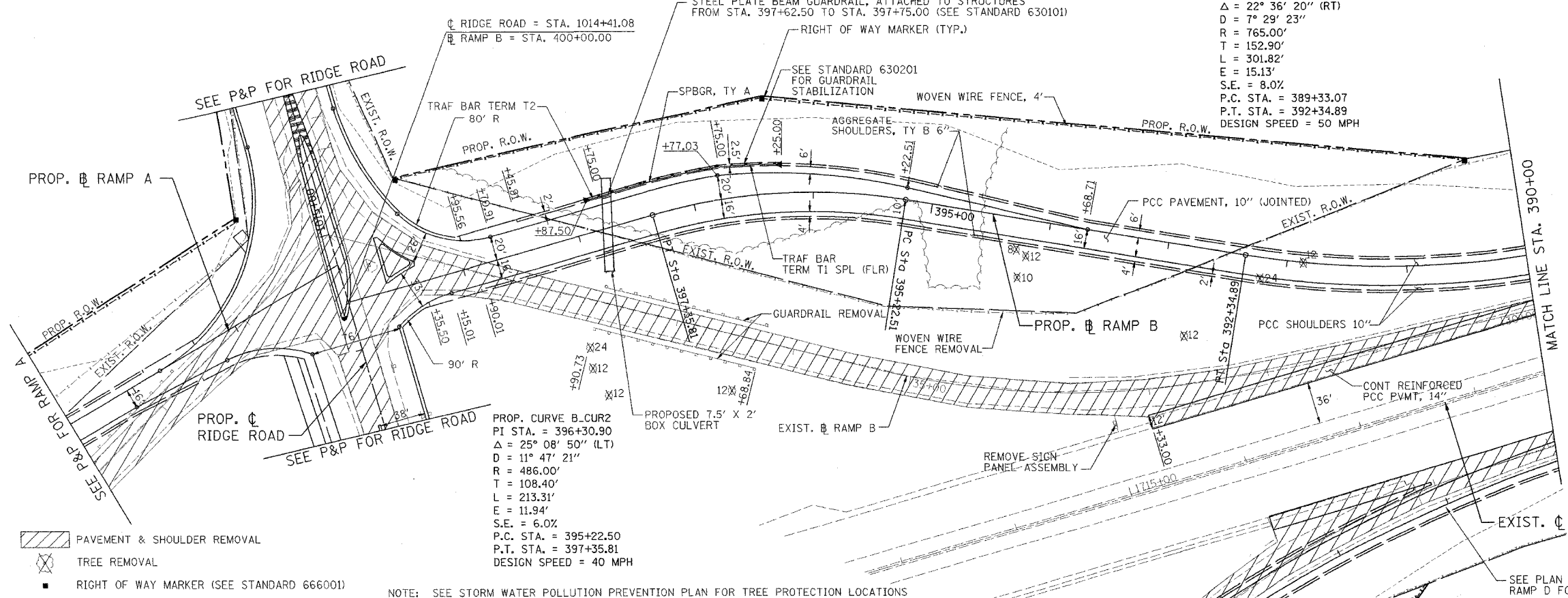
DATE	BY

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	39
STA. 400+00		TO STA. 390+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

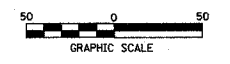
PROP. CURVE B_CUR1
 PI STA. = 390+85.97
 $\Delta = 22^\circ 36' 20''$ (RT)
 $D = 7^\circ 29' 23''$
 $R = 765.00'$
 $T = 152.90'$
 $L = 301.82'$
 $E = 15.13'$
 $S.E. = 8.0\%$
 P.C. STA. = 389+33.07
 P.T. STA. = 392+34.89
 DESIGN SPEED = 50 MPH

PROP. CURVE B_CUR2
 PI STA. = 396+30.90
 $\Delta = 25^\circ 08' 50''$ (LT)
 $D = 11^\circ 47' 21''$
 $R = 486.00'$
 $T = 108.40'$
 $L = 213.31'$
 $E = 11.94'$
 $S.E. = 6.0\%$
 P.C. STA. = 395+22.50
 P.T. STA. = 397+35.81
 DESIGN SPEED = 40 MPH



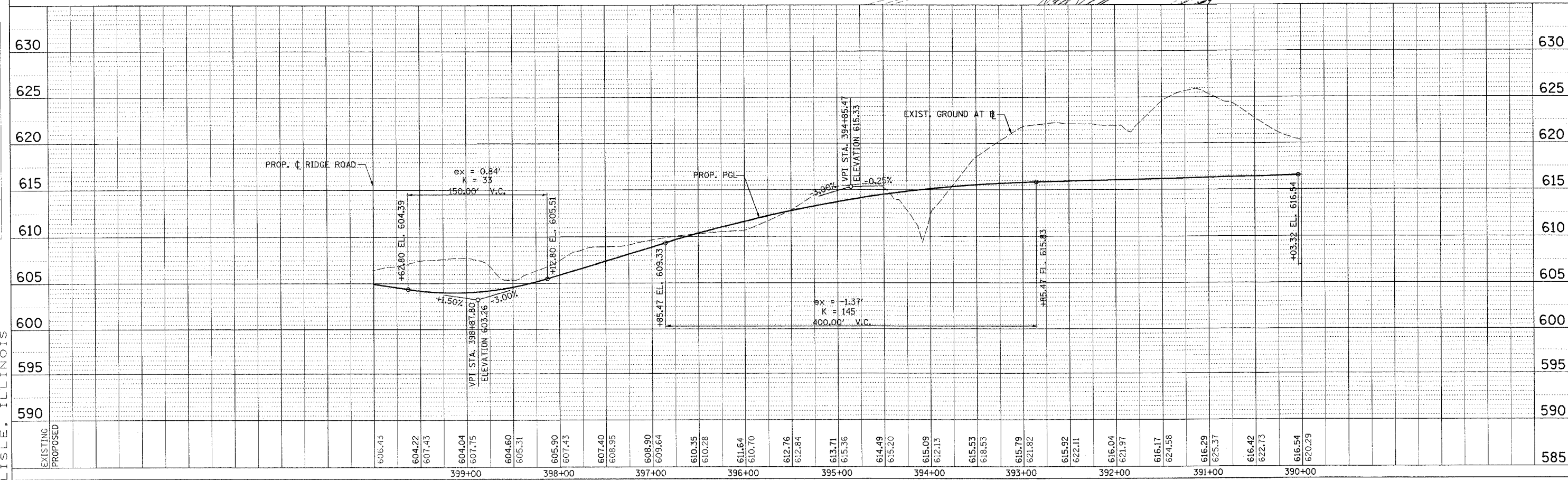
- PAVEMENT & SHOULDER REMOVAL
- TREE REMOVAL
- RIGHT OF WAY MARKER (SEE STANDARD 666001)

NOTE: SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS



PLAN	DATE
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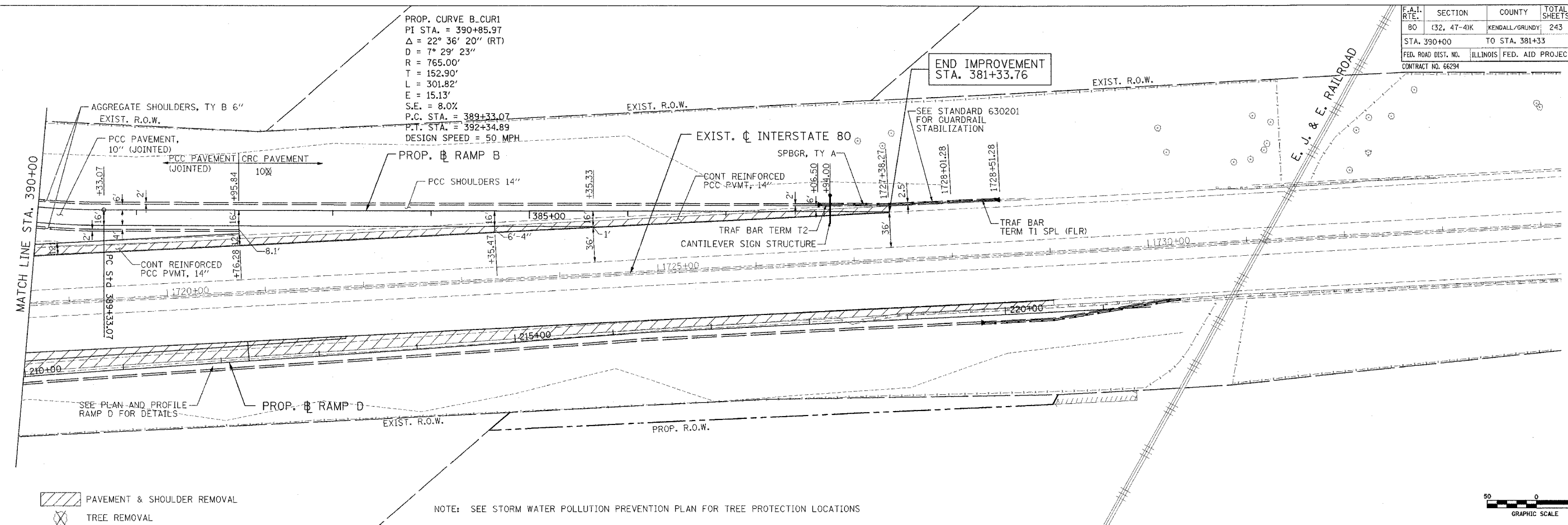


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	40
STA. 390+00		TO STA. 381+33		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

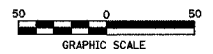
PROP. CURVE B_CUR1
 PI STA. = 390+85.97
 $\Delta = 22^\circ 36' 20''$ (RT)
 $D = 7^\circ 29' 23''$
 $R = 765.00'$
 $T = 152.90'$
 $L = 301.82'$
 $E = 15.13'$
 $S.E. = 8.0\%$
 P.C. STA. = 389+33.07
 P.T. STA. = 392+34.89
 DESIGN SPEED = 50 MPH

END IMPROVEMENT
 STA. 381+33.76



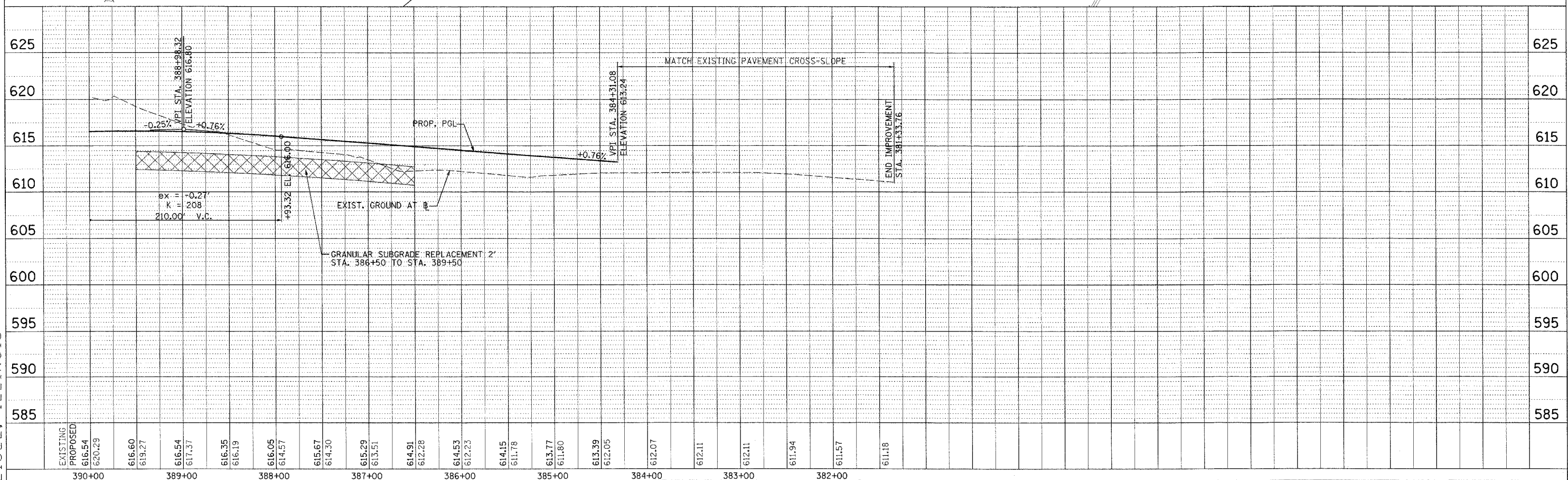
PAVEMENT & SHOULDER REMOVAL
 TREE REMOVAL

NOTE: SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS



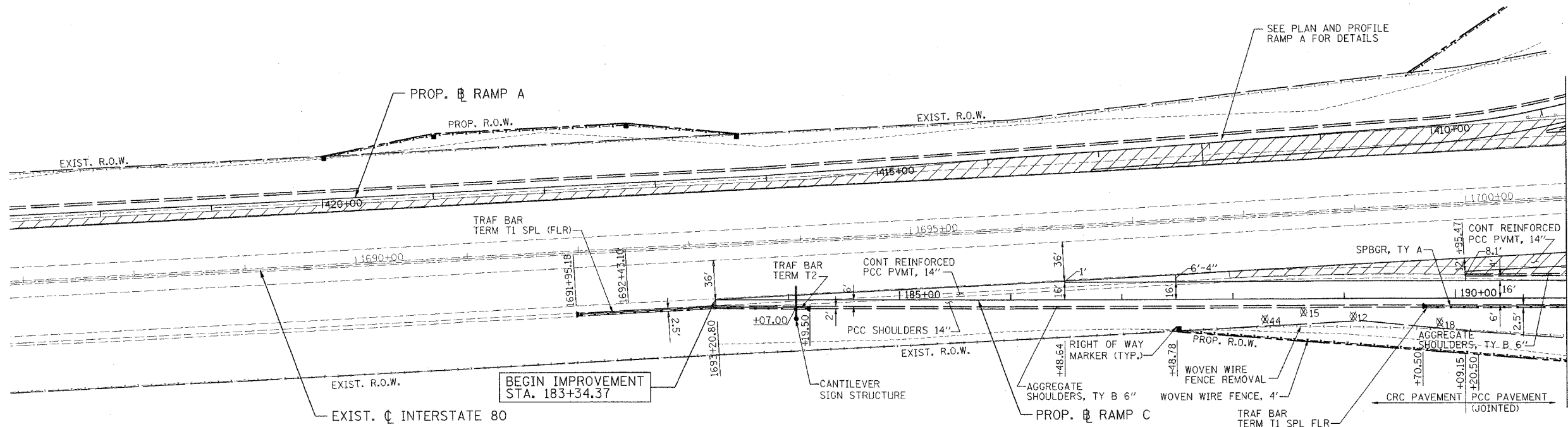
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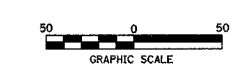
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	41
STA. 183+34		TO STA. 191+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



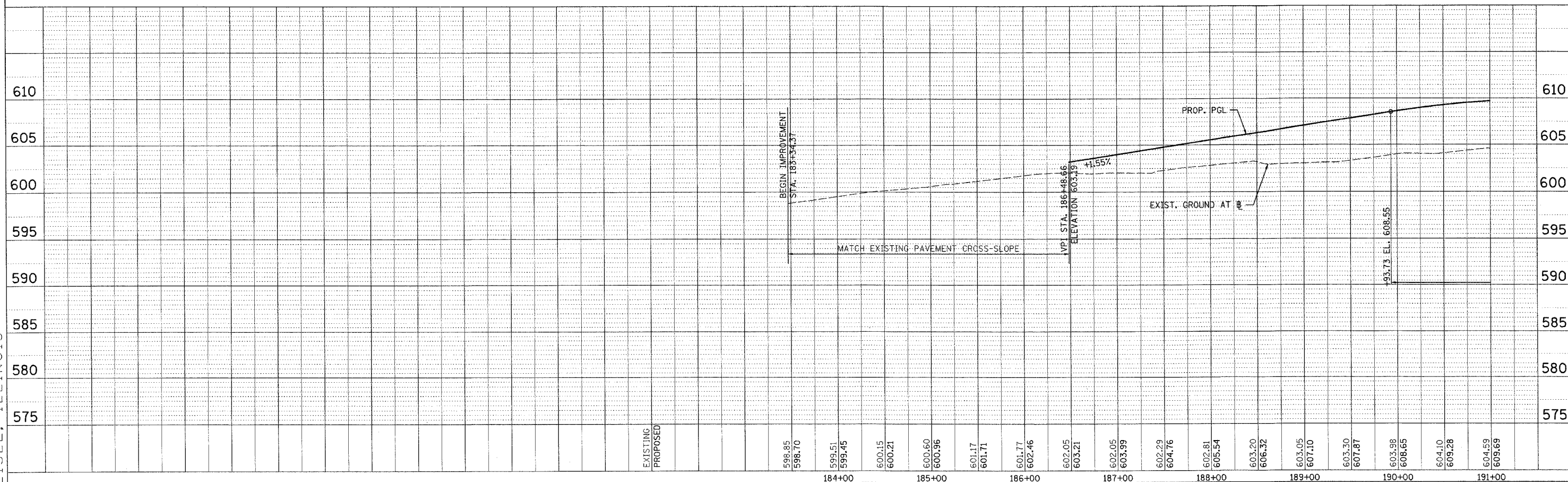
- PAVEMENT & SHOULDER REMOVAL
- TREE REMOVAL
- RIGHT OF WAY MARKER (SEE STANDARD 666001)

NOTE: SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS



PLAN	SURVEYED	DATE
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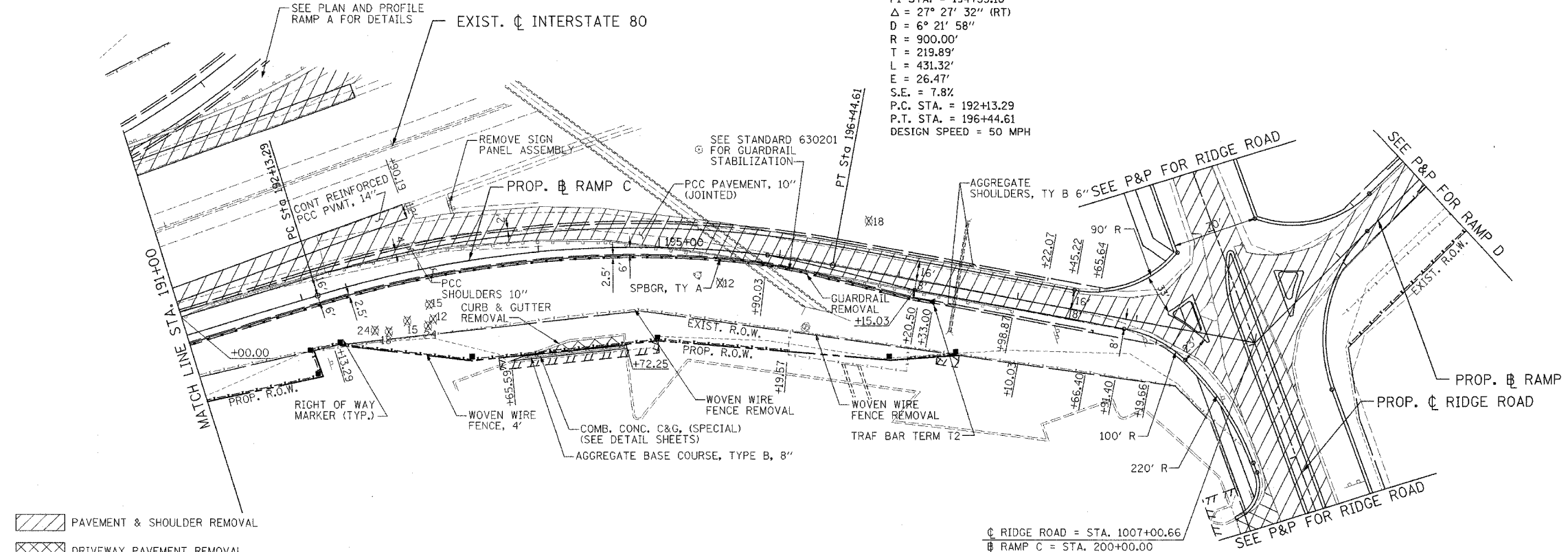
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





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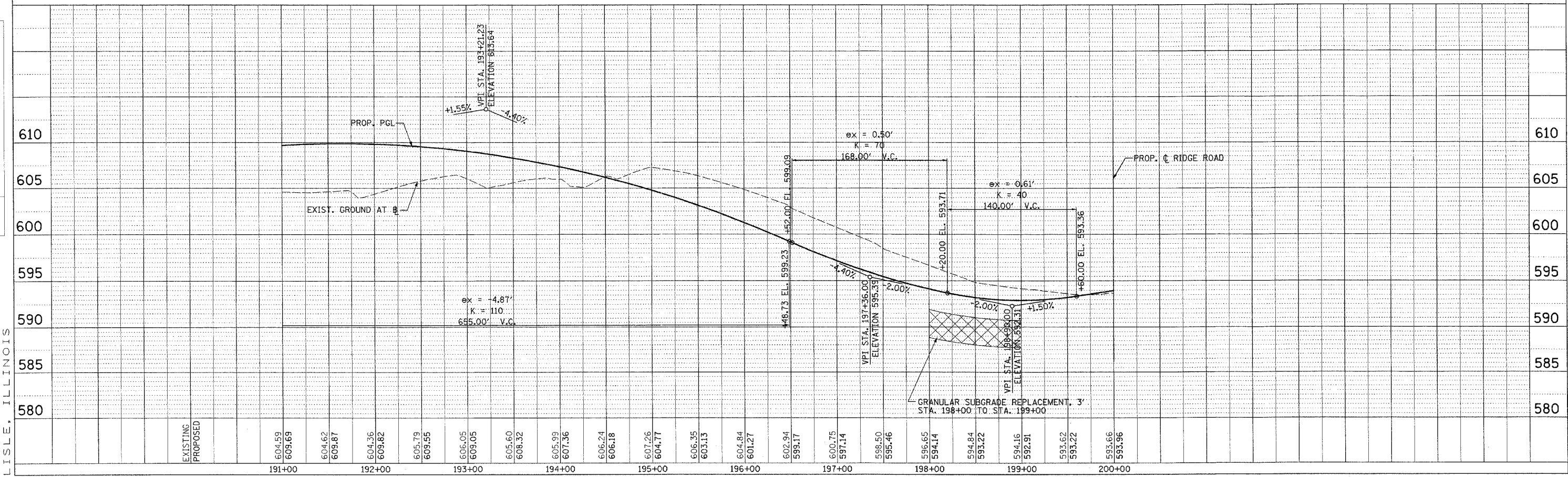
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80	(32, 47-4)K	KENDALL/GRUNDY	243	42
STA. 191+00		TO STA. 200+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

PROP. CURVE C-CUR1
 PI STA. = 194+33.18
 $\Delta = 27^\circ 27' 32''$ (RT)
 $D = 6^\circ 21' 58''$
 $R = 900.00'$
 $T = 219.89'$
 $L = 431.32'$
 $E = 26.47'$
 $S.E. = 7.8\%$
 P.C. STA. = 192+13.29
 P.T. STA. = 196+44.61
 DESIGN SPEED = 50 MPH



-  PAVEMENT & SHOULDER REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  TREE REMOVAL
-  RIGHT OF WAY MARKER (SEE STANDARD 666001)

NOTE: SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS



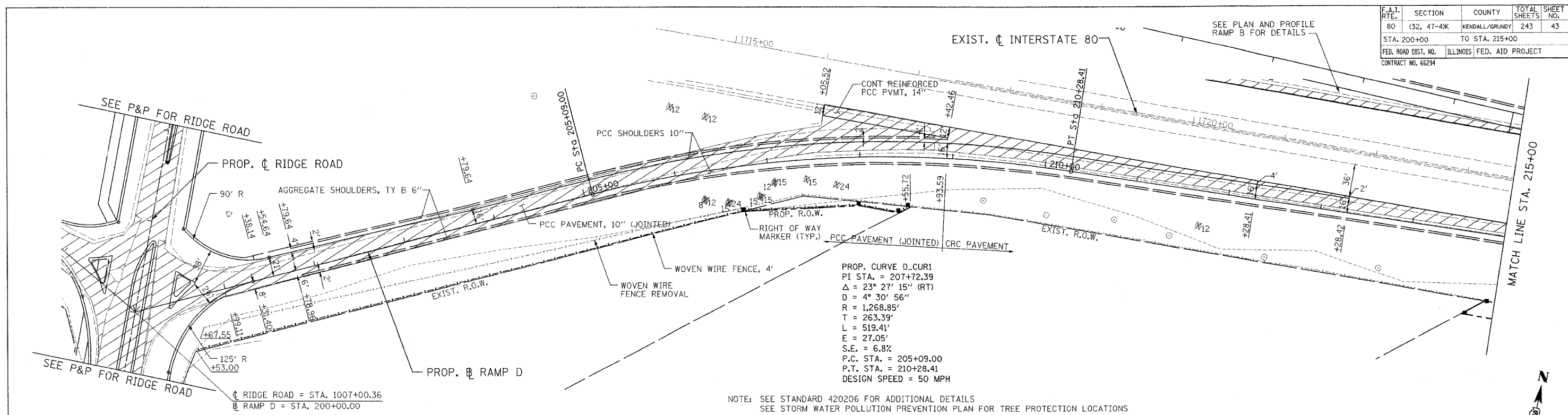
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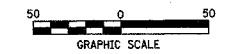
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	43
STA. 200+00		TO STA. 215+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

PLAN	REVISED	DATE
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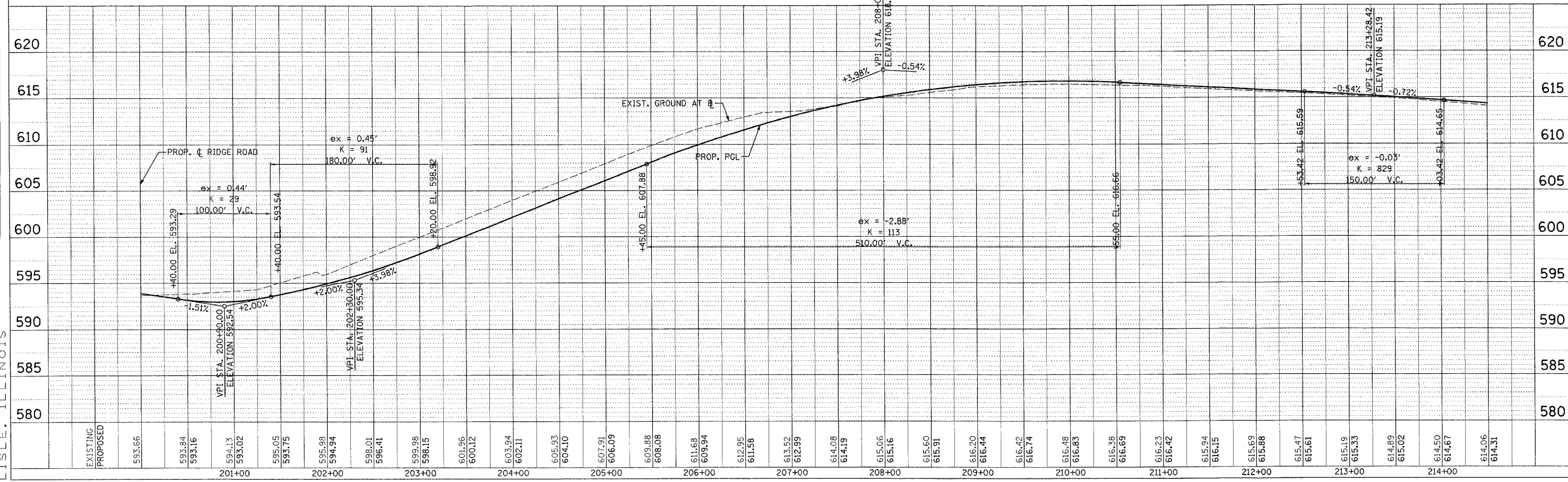


NOTE: SEE STANDARD 420206 FOR ADDITIONAL DETAILS
 SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS

- PAVEMENT & SHOULDER REMOVAL
- TREE REMOVAL
- RIGHT OF WAY MARKER (SEE STANDARD 666001)

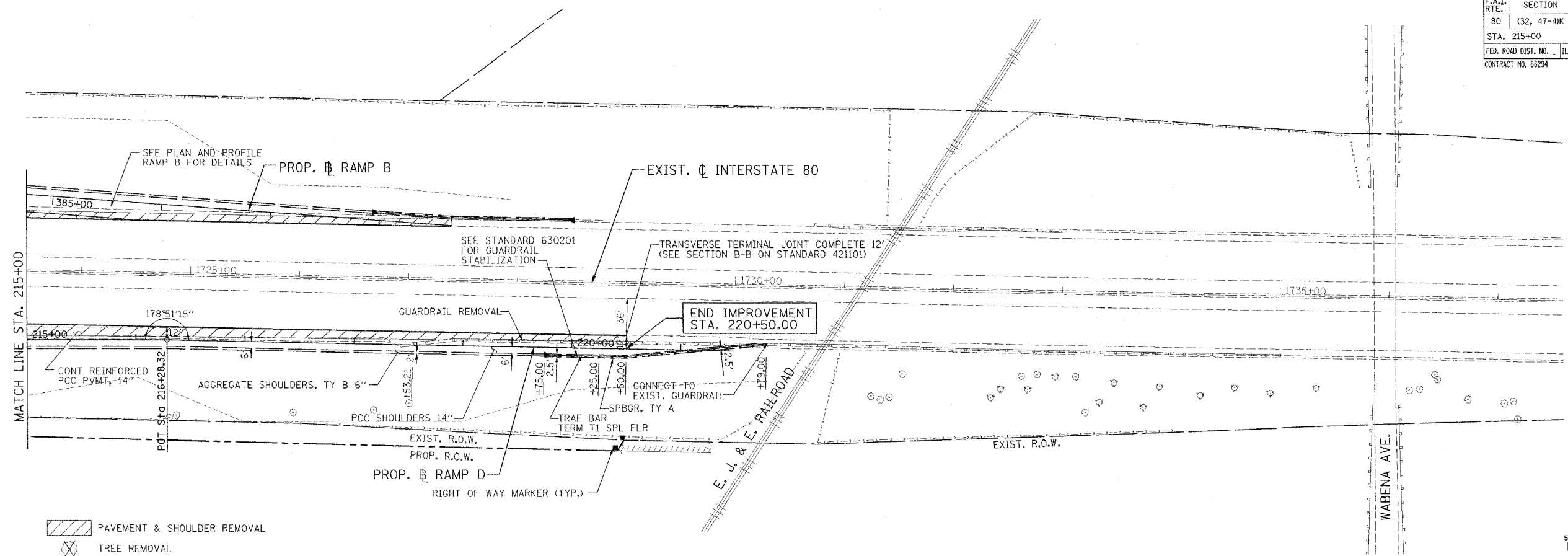


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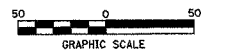
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	44
STA. 215+00		TO STA. 220+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 66294				



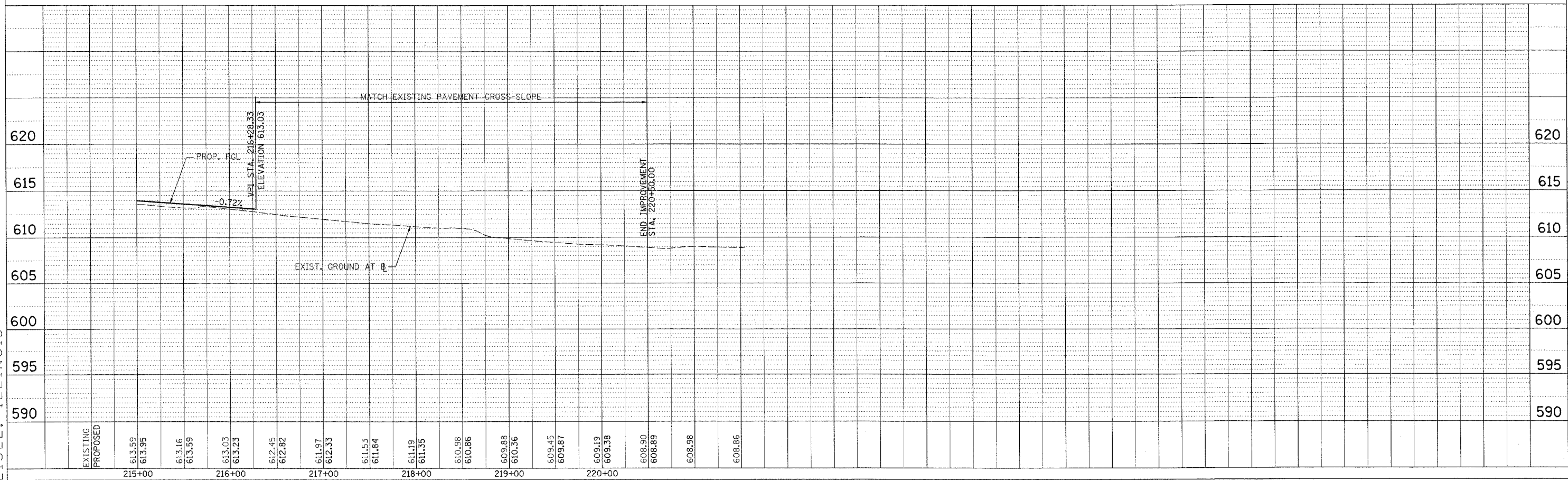
- PAVEMENT & SHOULDER REMOVAL
- TREE REMOVAL
- RIGHT OF WAY MARKER (SEE STANDARD 666001)

NOTE: SEE STORM WATER POLLUTION PREVENTION PLAN FOR TREE PROTECTION LOCATIONS



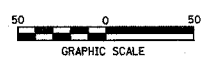
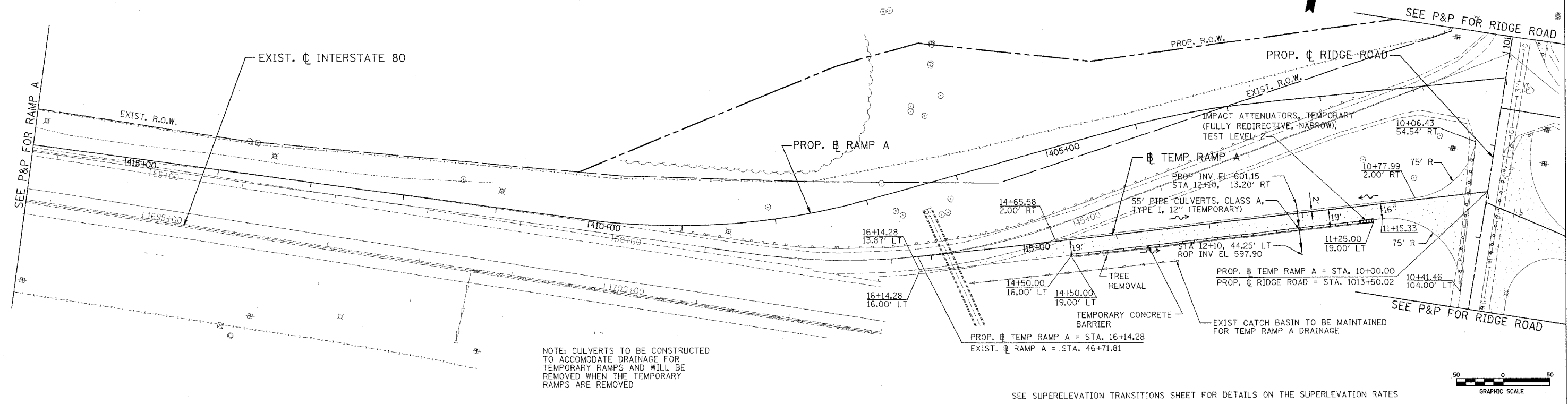
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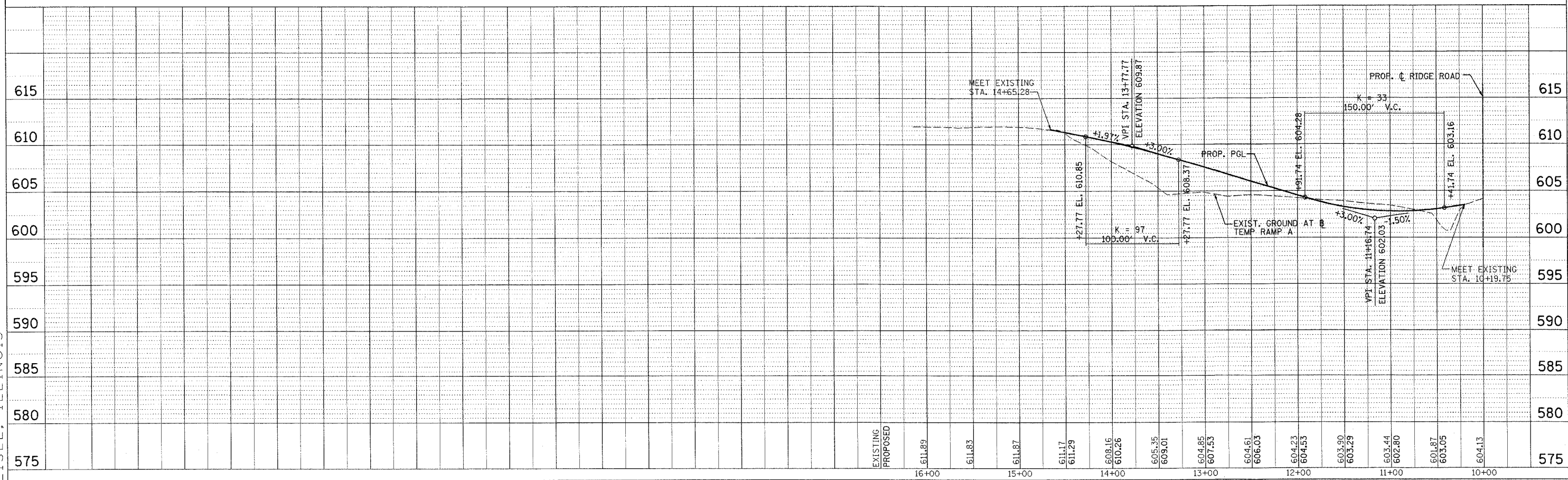
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNY	243	45
STA. 14+51		TO STA. 10+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



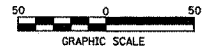
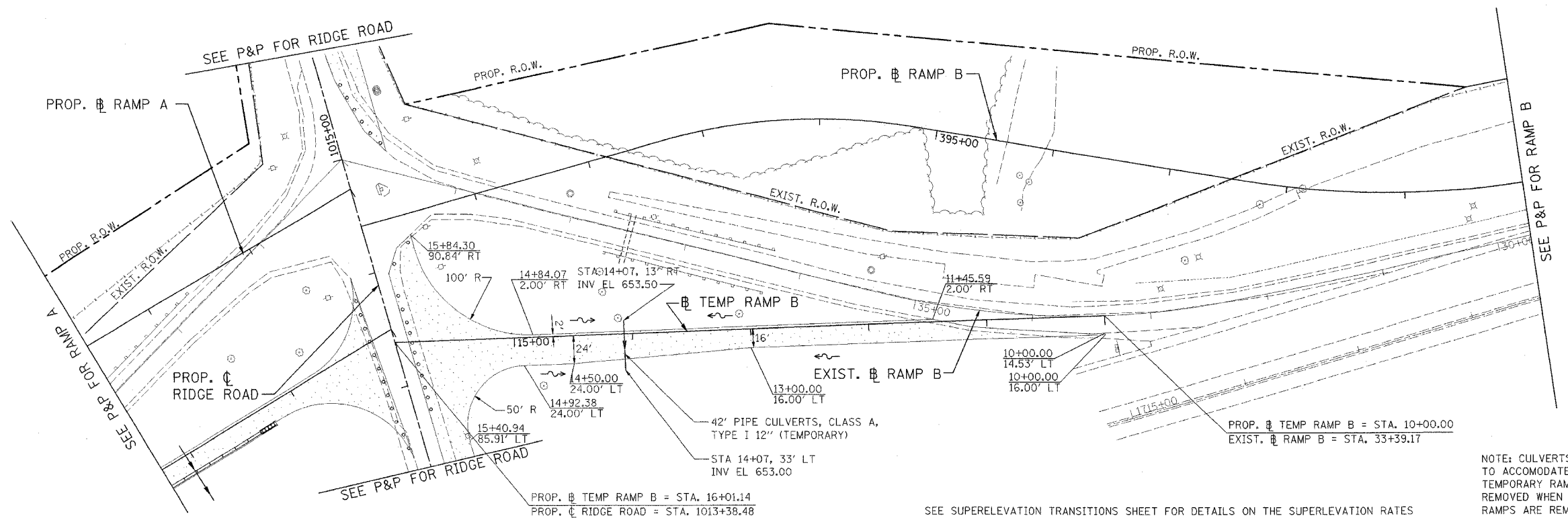
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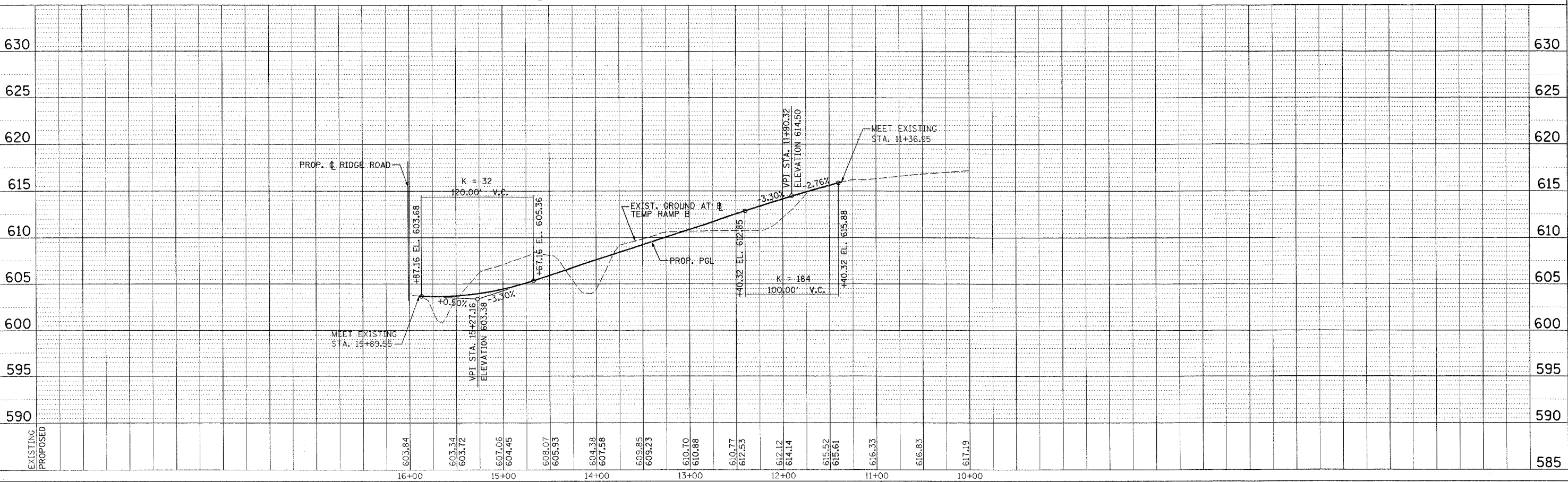


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	46
STA. 14+19		TO STA. 10+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



SEE SUPERELEVATION TRANSITIONS SHEET FOR DETAILS ON THE SUPERELEVATION RATES

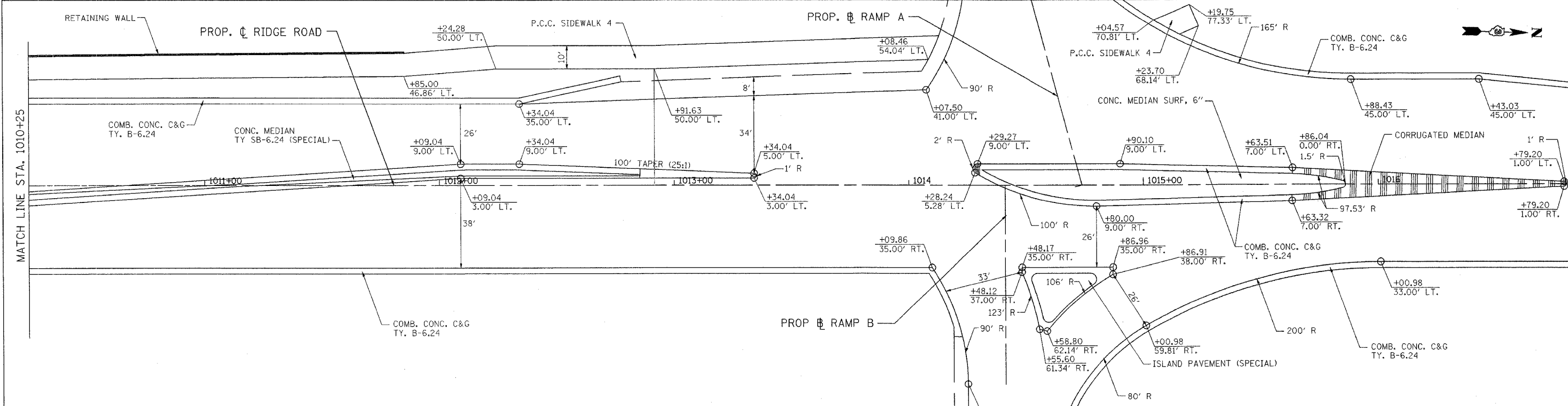
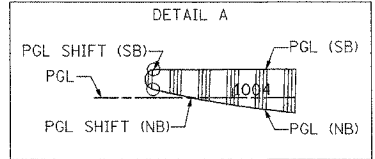
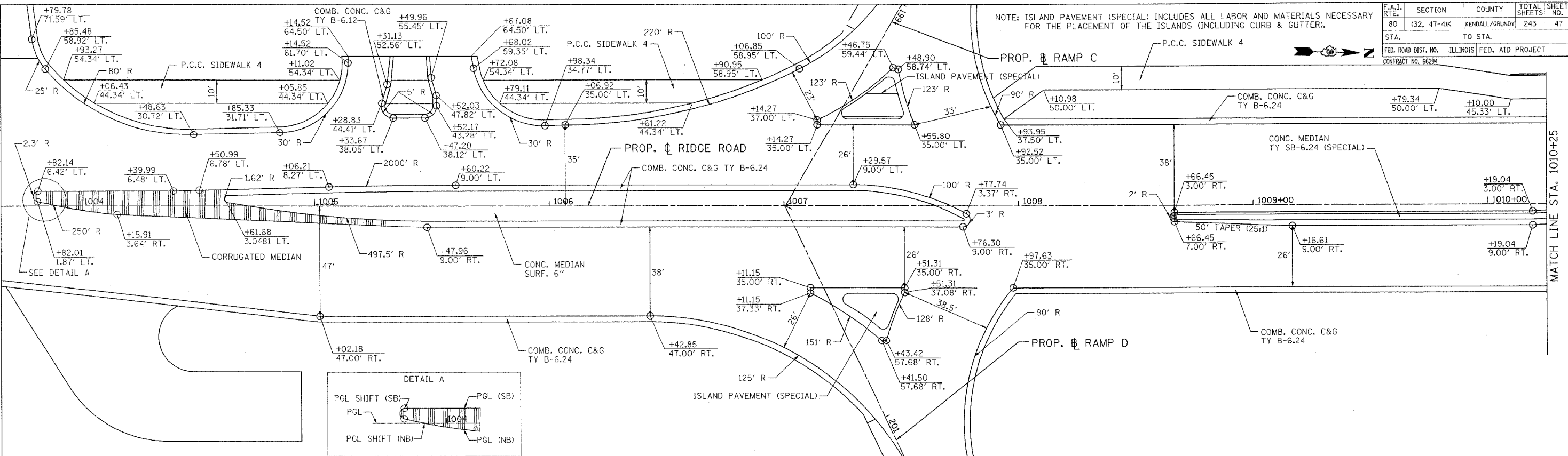


DATE	BY	DATE

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	47
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 MEDIAN AND ISLAND DETAILS

SCALE: 1:20
 DATE: 2/10/06
 DRAWN BY: TCK
 CHECKED BY: JUC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

**SUGGESTED STAGES OF CONSTRUCTION
GENERAL NOTES**

- (1) THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- (2) THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
- (3) THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES, AND TEMPORARY ROADS (EXCEPT THE C.E. AT STA 1005+41 LT DURING STAGES 1, 1A, & 1B) WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES AND/OR AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR "AGGREGATE SURFACE COURSE, TYPE B".
- (4) ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
- (5) THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, SPECIAL."
- (6) THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT THE NORTH, SOUTH, EAST, AND WEST LIMITS OF THE PROJECT AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGNS".
- (7) THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT EVERY COMMERCIAL ENTRANCE WITHIN THE PROJECT LIMITS WHERE ENTRANCE IS OBSTRUCTED DUE TO CONSTRUCTION ACTIVITIES AND/OR AT THE DIRECTION OF THE ENGINEER. SEE TEMPORARY INFORMATION SIGNS DETAIL FOR FURTHER INFORMATION.
- (8) BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.
- (9) ANY SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR "PAVEMENT REMOVAL."
- (10) THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES AND PROVIDE A 2' WIDE EARTH FILL PAD FOR DRUMS TO MEET MINIMUM HEIGHT REQUIREMENTS WHERE NECESSARY. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, SPECIAL."
- (11) EXISTING PAVEMENT MARKINGS THAT INTERFERE WITH STAGE CONSTRUCTION PAVEMENT MARKINGS SHALL BE REMOVED BY HYDROBLASTING. HYDROBLASTING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "WORK ZONE PAVEMENT MARKING REMOVAL."
- (12) A COMMITMENT WAS MADE TO THE MCCOY'S CITGO GAS STATION AND THE TRI-CITY MOTORS TO MAINTAIN ONE (1) OF THEIR TWO (2) ENTRANCES AT EACH LOCATION OPEN AT ALL TIMES DURING CONSTRUCTION. THERE ARE TWO (2) ENTRANCES TO EACH OF THESE PROPERTIES AND IT WAS AGREED THAT ONLY ONE ENTRANCE TO EACH PROPERTY WOULD BE CONSTRUCTED AT A TIME AS OPPOSED TO USING STAGE CONSTRUCTION AND PERFORMING WORK ON BOTH DRIVEWAYS AT THE SAME TIME.
- (13) REMOVAL OF TEMPORARY PIPE CULVERTS IS INCLUDED IN THE PRICE FOR TEMPORARY PIPE CULVERTS.
- (14) THE CONTRACTOR SHALL SUBMIT HIS PROPOSED SEQUENCE OF OPERATIONS FOR APPROVAL PRIOR TO BEGINNING WORK.

SEQUENCE OF CONSTRUCTION

PRESTAGE

- (1) TRAFFIC WILL BE MAINTAINED IN ALL DIRECTIONS, LANE CLOSURES SHALL BE IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARD 701701.
- (2) INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (3) CONSTRUCT ALL TEMPORARY PAVEMENT NECESSARY FOR STAGE 1 TRAFFIC, INCLUDING ALL TEMPORARY RAMPS. TWO WAY TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701006, 701011, 701326, 701601 AND 701701.
- (4) REMOVE ALL SIGNS, DRAINAGE STRUCTURES, LIGHT POLES, FIRE HYDRANTS, AND TREES NECESSARY TO BUILD THE TEMPORARY PAVEMENT. SEE PLAN & PROFILE, DRAINAGE PLAN & PROFILE, & LIGHTING SHEETS FOR REMOVAL DETAILS.
- (5) INSTALL TEMPORARY GUARD RAIL ALONG RIDGE ROAD FROM STA. 1005+77.91 TO STA. 1007+01.04 AND ALONG RAMP C FROM STA. 194+25.00 TO STA. 199+50.00.
- (6) INSTALL TEMPORARY LIGHTING FOR PRE-STAGE.
- (7) INSTALL TEMPORARY DRAINAGE AS SHOW ON THE MOT PRE-STAGE PLANS. TEMPORARY PIPE CULVERTS WILL BE INSTALLED AT THE EXISTING CULVERT ALONG RIDGE ROAD AT STA. 1003+18, AT THE EXISTING CULVERT AT THE SOUTHEAST CORNER OF THE RIDGE ROAD AND RAMP D INTERSECTION, AND AT STA. 197+48 ALONG THE TEMPORARY PAVEMENT AT RAMP C.

STAGE 1

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY LIGHTING FOR STAGE 1.
- (3) REMOVE THE EXISTING SOUTHBOUND RIDGE ROAD PAVEMENT AND CONSTRUCT THE PROPOSED SOUTHBOUND RIDGE ROAD PAVEMENT, CULVERT, STORM SEWERS AND LATERALS, DRAINAGE STRUCTURES, AND OUTSIDE CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
- (4) REMOVE THE EXISTING RAMPS AND CONSTRUCT THE NEW RAMP PAVEMENT, CULVERTS, STORM SEWERS, AND DRAINAGE STRUCTURES, TO THE LIMITS SHOWN ON THE PLANS.
- (5) CONSTRUCT TEMPORARY PAVEMENT NECESSARY FOR STAGE 2 TRAFFIC.

STAGE 1A

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY LIGHTING FOR STAGE 1A.
- (3) SHIFT TRAFFIC ON RAMP C & B FROM THE TEMPORARY RAMPS TO THE NEWLY CONSTRUCTED RAMPS.
- (4) SHIFT TRAFFIC ON OTTAWA DRIVE TO CONSTRUCT THE MIDDLE OF THE INTERSECTION.

STAGE 1B

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY LIGHTING FOR STAGE 1B. THIS LIGHTING WILL BE THE SAME FOR STAGES 1B, 2, 2A, AND 3
- (3) SHIFT TRAFFIC ON RAMP C TO CONSTRUCT THE MIDDLE OF THE INTERSECTION
- (4) SHIFT TRAFFIC ON OTTAWA DRIVE TO CONSTRUCT THE SOUTH SIDE OF THE INTERSECTION
- (5) SHIFT TRAFFIC ON OTTAWA DRIVE TO CONSTRUCT THE PAVEMENT WIDENING AT THE NORTHWEST CORNER OF THE INTERSECTION

STAGE 2

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY DRAINAGE AS SHOWN ON THE MOT STAGE 2 PLANS. TEMPORARY PIPE CULVERT WILL BE INSTALLED AT THE PROPOSED CULVERT CROSSING RIDGE ROAD AT STA. 1002+90.50.
- (3) REMOVE THE EXISTING NORTHBOUND RIDGE ROAD PAVEMENT AND CONSTRUCT THE PROPOSED NORTHBOUND RIDGE ROAD PAVEMENT, CULVERT, STORM SEWERS AND LATERALS, DRAINAGE STRUCTURES, AND OUTSIDE CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
- (4) CONSTRUCT THE REMAINING PAVEMENT AND SHOULDERS FOR THE RAMPS TO THE LIMITS SHOWN ON THE PLANS.
- (5) CONSTRUCT TEMPORARY PAVEMENT NECESSARY FOR STAGE 3 TRAFFIC.
- (6) PAVEMENT IN THE SOUTHEAST QUADRANT OF THE RIDGE ROAD & RAMP B INTERSECTION SHOULD BE CONSTRUCTED TO ALLOW TURNING MOVEMENTS. THE RIGHT TURN LANE SHALL BE SHIFTED NORTH OF THE ISLAND TO ALLOW THE CENTER OF THE INTERSECTION TO BE CONSTRUCTED. THE LEFT TURN LANE SHALL BE SHIFTED NORTH TO ALLOW THE CENTER OF THE INTERSECTION TO BE CONSTRUCTED.

STAGE 2A

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) SHIFT TRAFFIC TO INCLUDE A RIGHT TURN LANE FROM NORTHBOUND RIDGE ROAD TO RAMP D TO CONSTRUCT THE MIDDLE OF THE INTERSECTION

STAGE 3

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) REMOVE EXISTING CENTER PAVEMENT AND CONSTRUCT THE PROPOSED LEFT TURN LANES, MEDIAN CURB AND GUTTER, MEDIANS, STORM SEWER LATERALS, CULVERTS, AND DRAINAGE STRUCTURES.
- (3) COMPLETE INSTALLATION OF THE PROPOSED TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (4) REMOVE TEMPORARY TRAFFIC SIGNALS.
- (5) INSTALL PROPOSED LIGHTING PER PLANS.
- (6) INSTALL CURB AND GUTTER, AGGREGATE SHOULDERS, AND ALL GRADING TO R.O.W. ALONG THE WEST SIDE OF RIDGE ROAD FROM STA. 1021+80 TO STA. 1029+50.
- (7) INSTALL PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT REFLECTORS, AND LANDSCAPING. UTILIZE IDOT TRAFFIC CONTROL STANDARDS 701311 AND 701701.

REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
SUGGESTED STAGING OF CONSTRUCTION
& TRAFFIC CONTROL
GENERAL NOTES

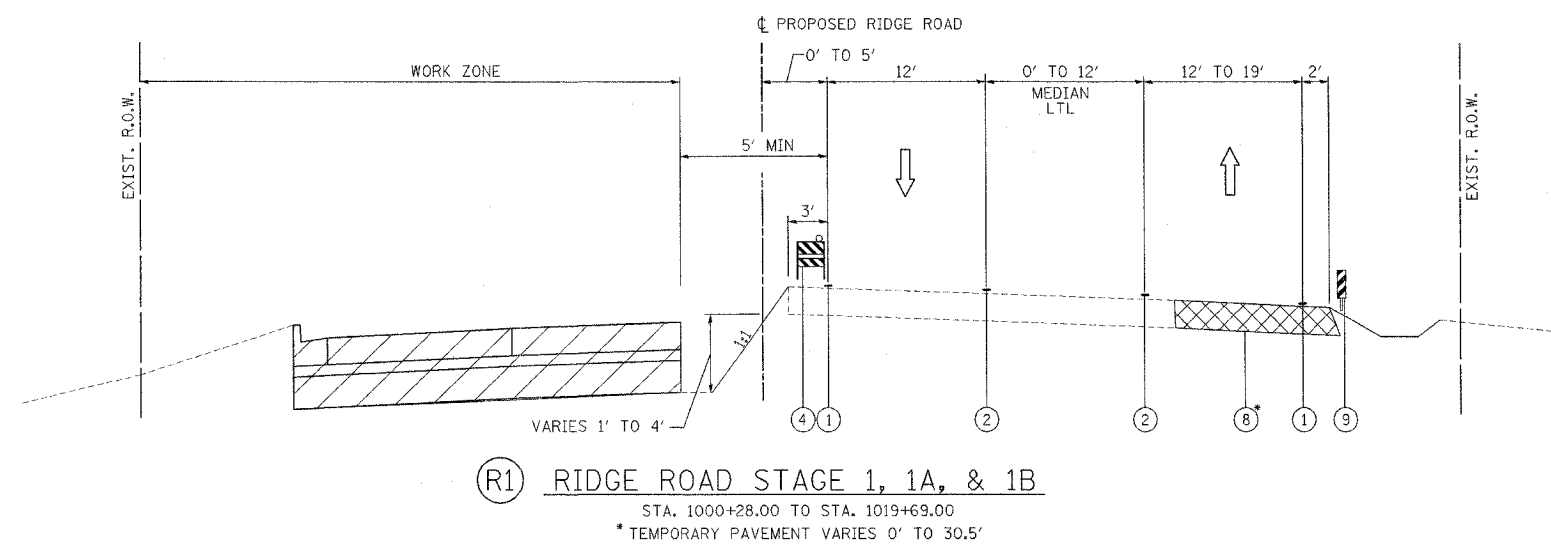
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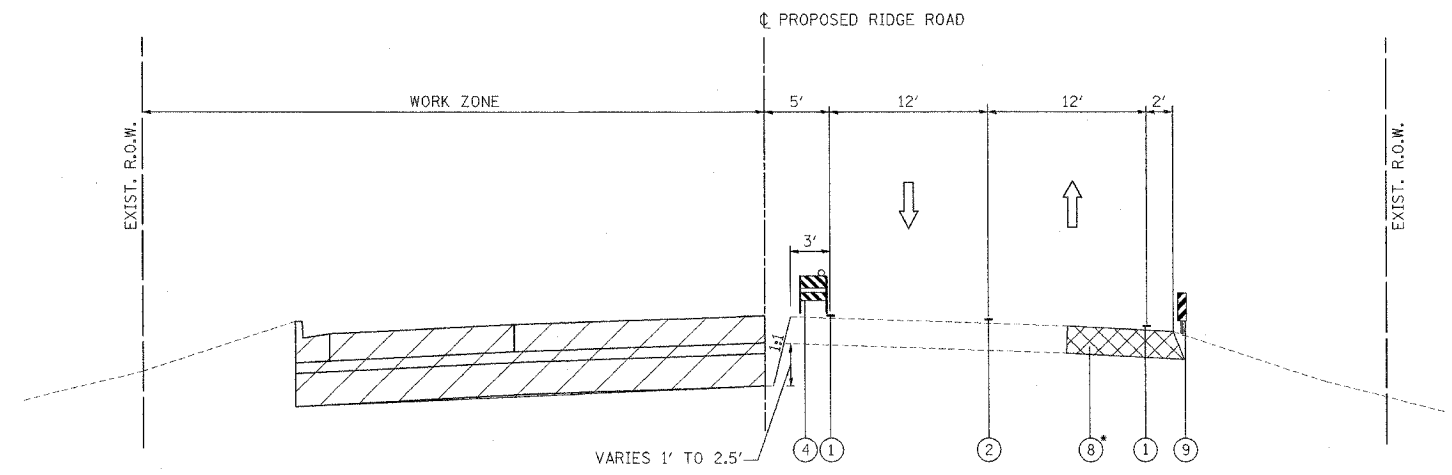
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNY	243	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

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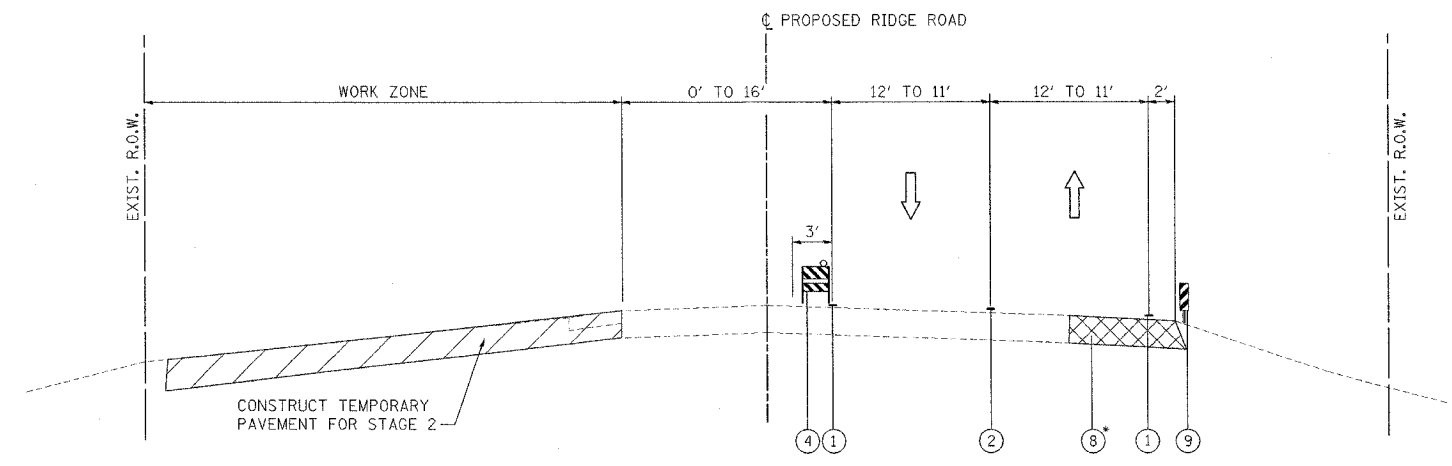
- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (WHITE)
 - ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
 - ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
 - ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
 - ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
 - ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
 - ⑧ TEMPORARY PAVEMENT
 - ⑨ VERTICAL PANEL
-  BITUMINOUS TEMPORARY PAVEMENT, 10.5"
 NEW CONSTRUCTION



(R1) RIDGE ROAD STAGE 1, 1A, & 1B
 STA. 1000+28.00 TO STA. 1019+69.00
 *TEMPORARY PAVEMENT VARIES 0' TO 30.5'



(R2) RIDGE ROAD STAGE 1, 1A, & 1B
 STA. 1019+69.00 TO STA. 1025+50.00
 *TEMPORARY PAVEMENT VARIES 18.5' TO 19.6'



(R3) RIDGE ROAD STAGE 1, 1A, & 1B
 STA. 1025+50.00 TO STA. 1029+75
 *TEMPORARY PAVEMENT VARIES 0' TO 19.6'

NOTE: SEE RIDGE ROAD PRE-STAGE PLAN SHEETS FOR EXACT LOCATION OF TEMPORARY PAVEMENT.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
NAME	DATE	
		SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL TYPICAL SECTIONS RIDGE ROAD STAGE 1, 1A, & 1B



SCALE: NONE DRAWN BY: MAT
DATE: 2/10/06 CHECKED BY: JJC

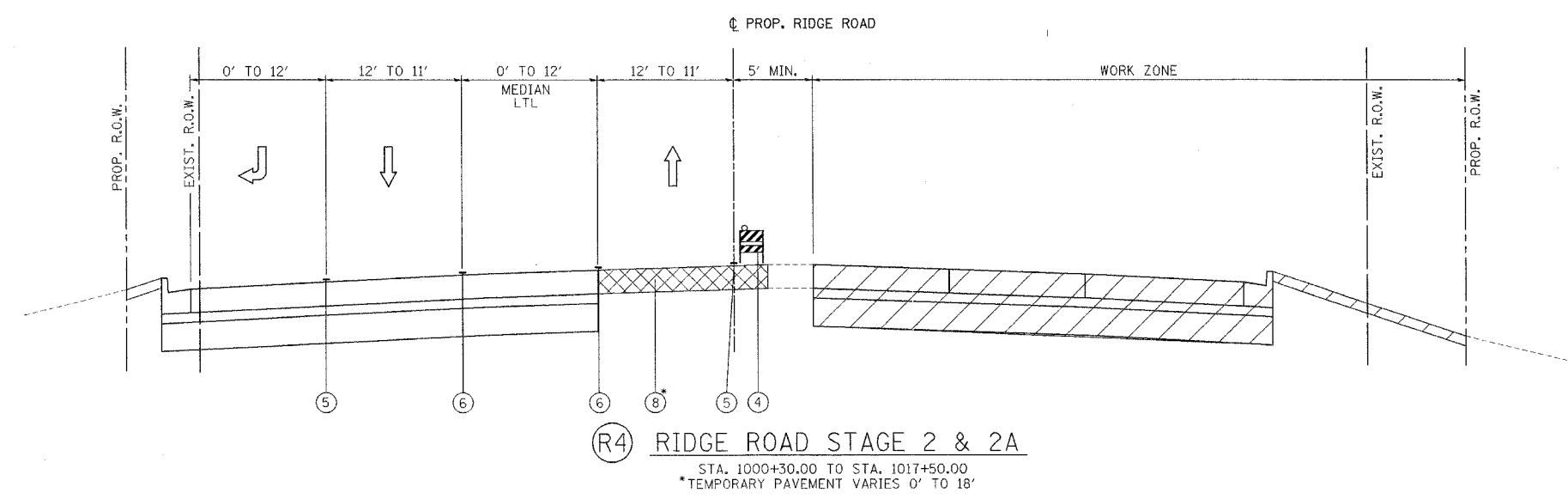


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

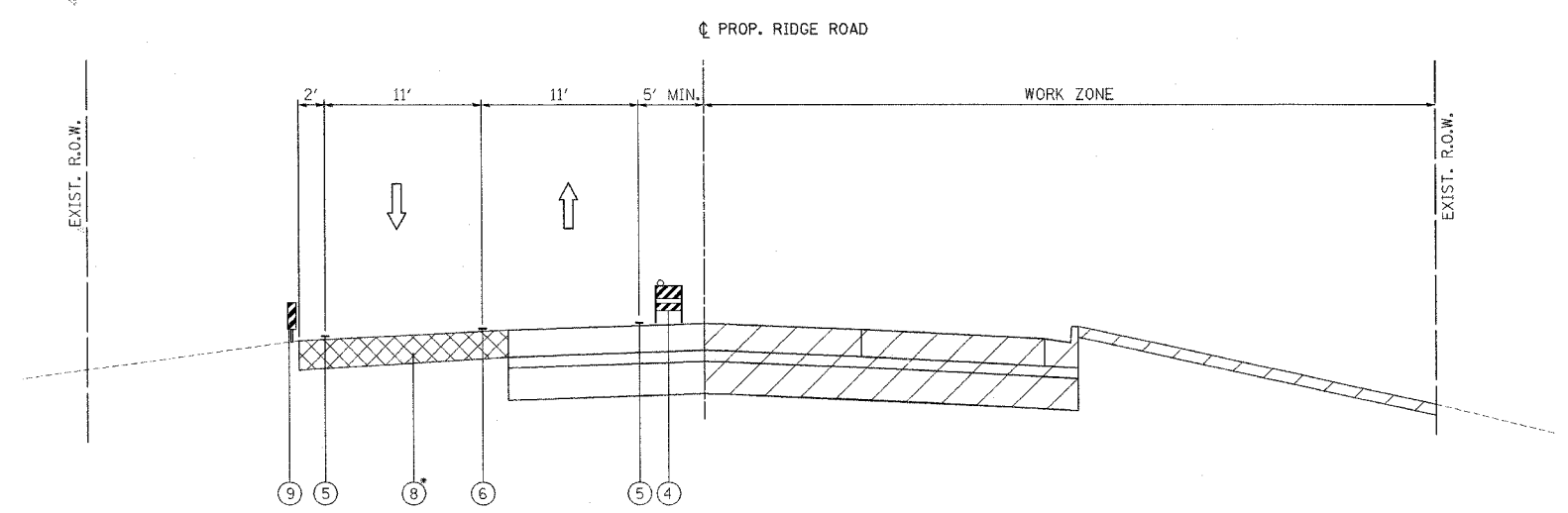
CONTRACT NO. 66294

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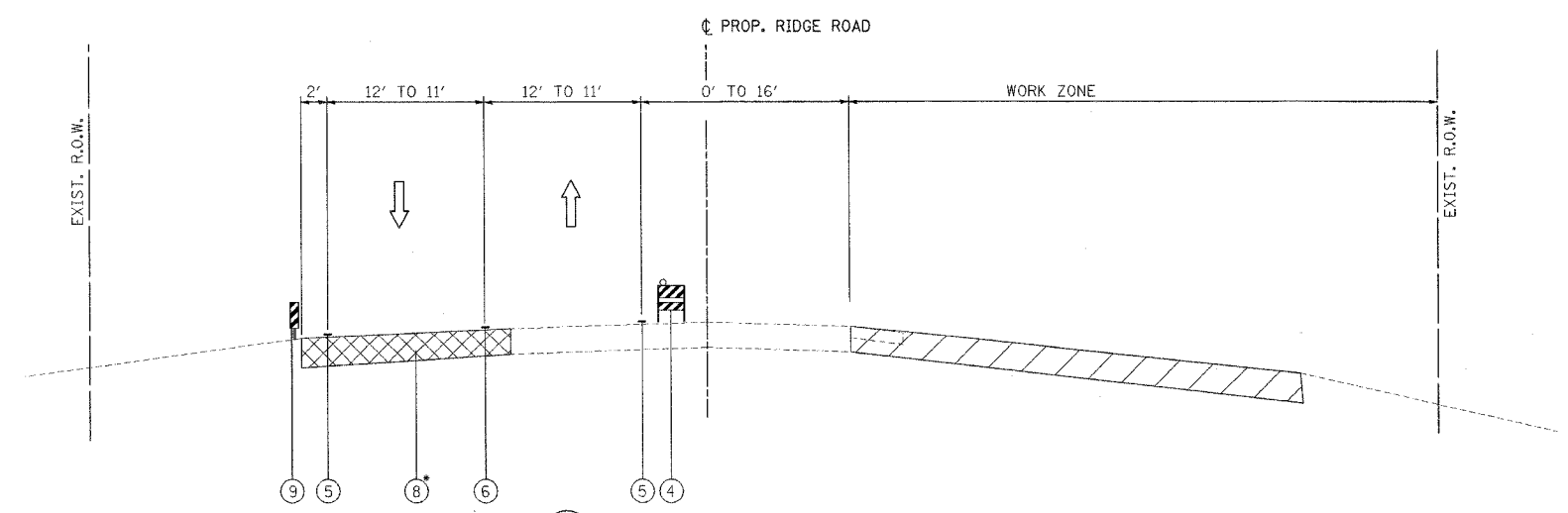
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 - ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
 - ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
 - ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
 - ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
 - ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
 - ⑧ TEMPORARY PAVEMENT
 - ⑨ VERTICAL PANEL
-  BITUMINOUS TEMPORARY PAVEMENT, 10.5"
 NEW CONSTRUCTION



(R4) RIDGE ROAD STAGE 2 & 2A
 STA. 1000+30.00 TO STA. 1017+50.00
 *TEMPORARY PAVEMENT VARIES 0' TO 18'



(R5) RIDGE ROAD STAGE 2 & 2A
 STA. 1017+50.00 TO STA. 1025+50.00
 *TEMPORARY PAVEMENT VARIES 0' TO 18.5'



(R6) RIDGE ROAD STAGE 2 & 2A
 STA. STA. 1025+50.00 TO STA. 1029+50.00
 *TEMPORARY PAVEMENT VARIES 0' TO 18.5'

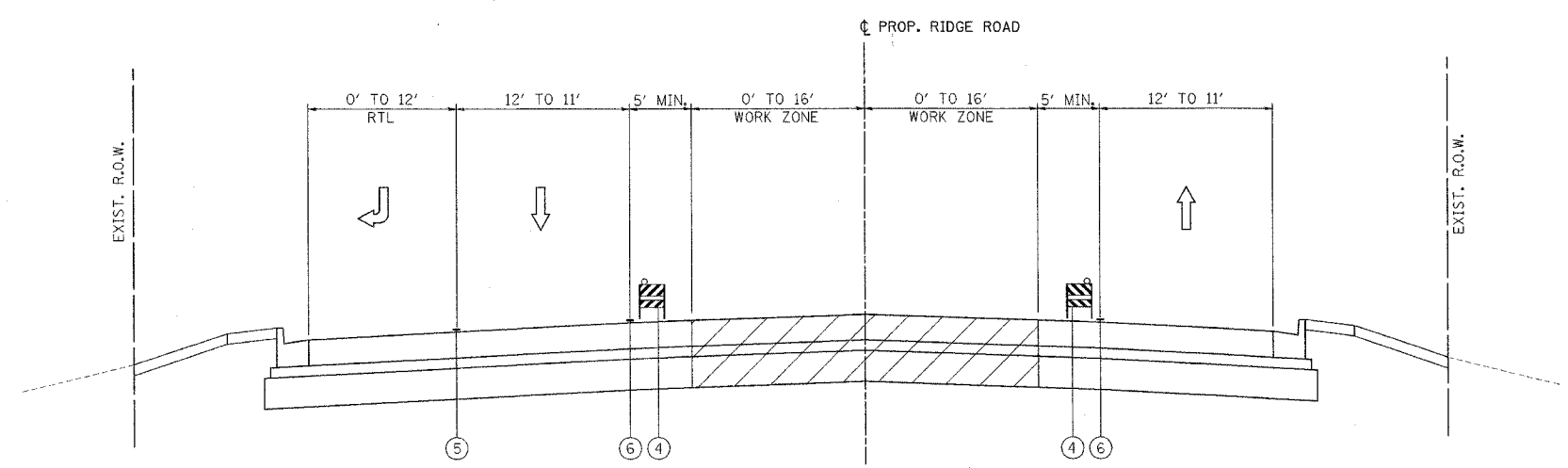
NOTE: SEE RIDGE ROAD PRE-STAGE PLAN SHEETS FOR EXACT LOCATION OF TEMPORARY PAVEMENT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION
 & TRAFFIC CONTROL
 TYPICAL SECTIONS
 RIDGE ROAD STAGE 2 & 2A
 SCALE: NONE
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

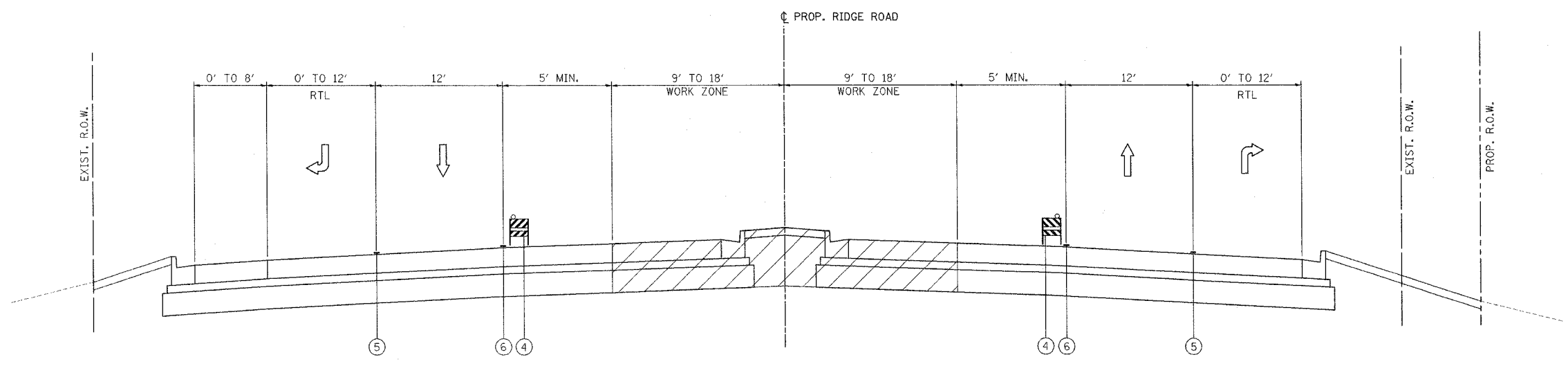


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



- LEGEND:**
- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (WHITE)
 - ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
 - ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
 - ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
 - ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
 - ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
 - ⑧ TEMPORARY PAVEMENT
 - ⑨ VERTICAL PANEL
 - BITUMINOUS TEMPORARY PAVEMENT, 10.5"
 - NEW CONSTRUCTION

(R7) RIDGE ROAD STAGE 3
 STA. 1000+30.00 TO STA. 1003+01.00
 STA. 1016+85.00 TO STA. 1025+50.00



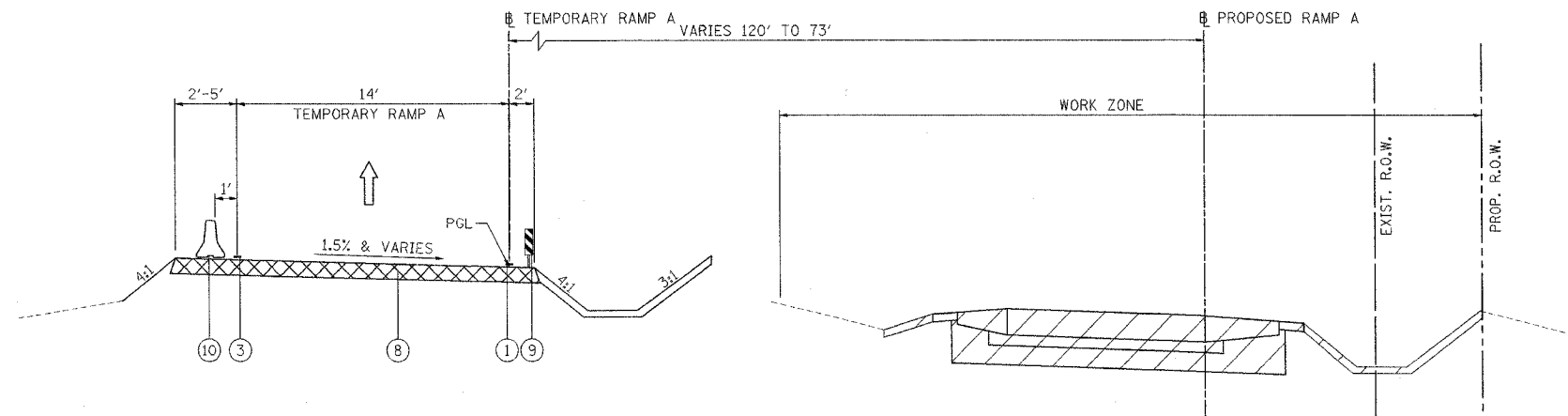
(R8) RIDGE ROAD STAGE 3
 STA. 1003+01.00 TO STA. 1016+85.00

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE) SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL TYPICAL SECTIONS RIDGE ROAD STAGE 3
NAME	DATE	

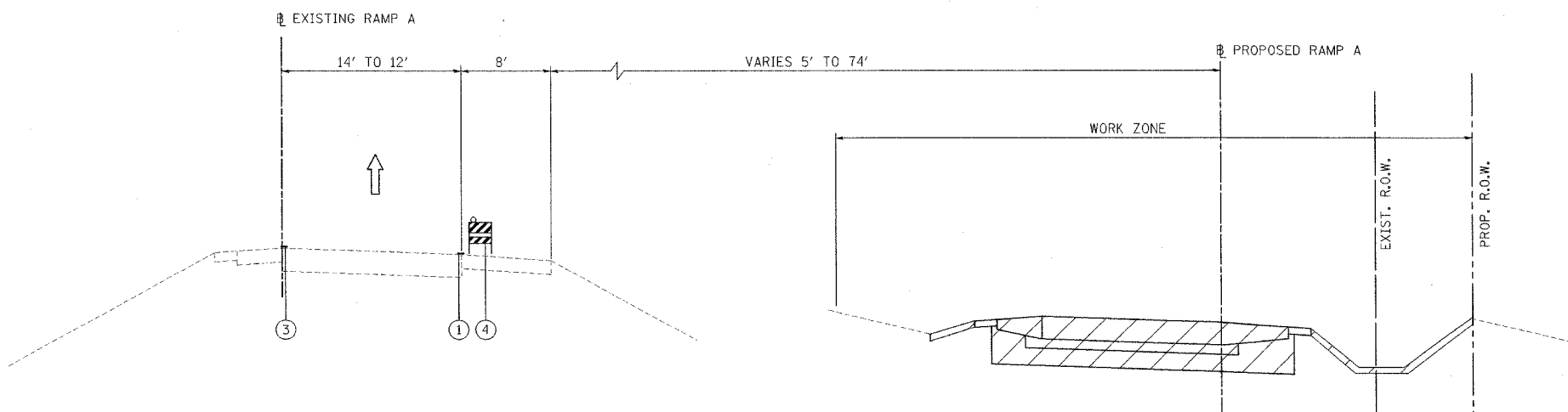
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 DATE: 2/10/06 CHECKED BY: JJC

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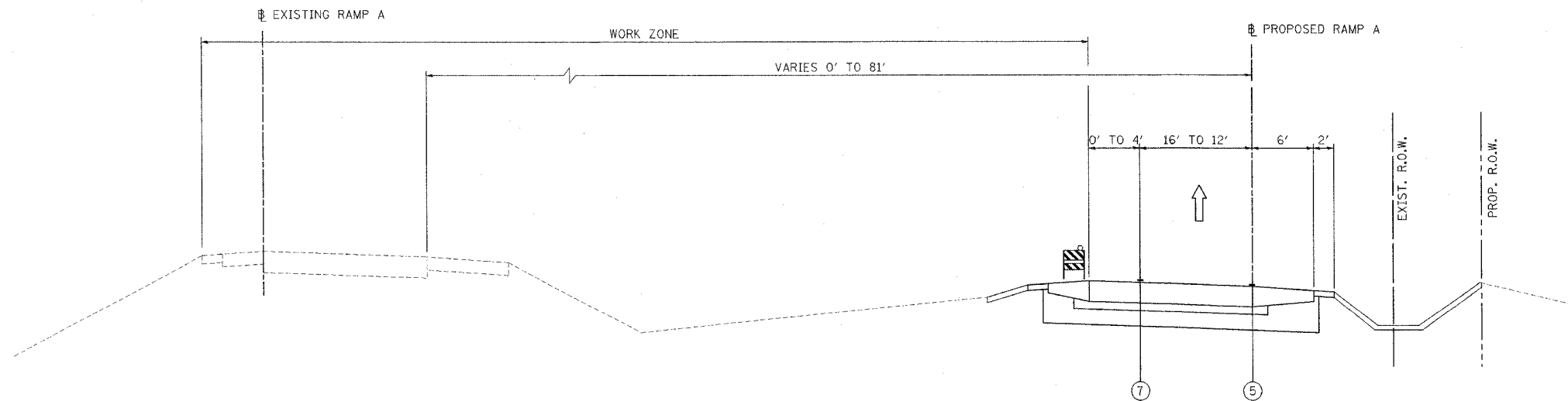
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNDY	243	52
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



(A1) RAMP A STAGE 1
STA. 401+07.70 TO STA. 406+63.84



(A2) RAMP A STAGE 1
STA. 406+63.84 TO STA. 416+70.65



(A3) RAMP A STAGE 1A, 1B, & 2
STA. 401+20.54 TO STA. 416+06.86

- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (WHITE)
- ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
- ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
- ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
- ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
- ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
- ⑧ TEMPORARY PAVEMENT
- ⑨ VERTICAL PANEL
- ⑩ TEMPORARY CONCRETE BARRIER

- BITUMINOUS TEMPORARY PAVEMENT, 9.5"
- NEW CONSTRUCTION

NOTE: SEE SUPERELEVATION TRANSITIONS SHEET FOR DETAILS ON THE SUPERELEVATION RATES

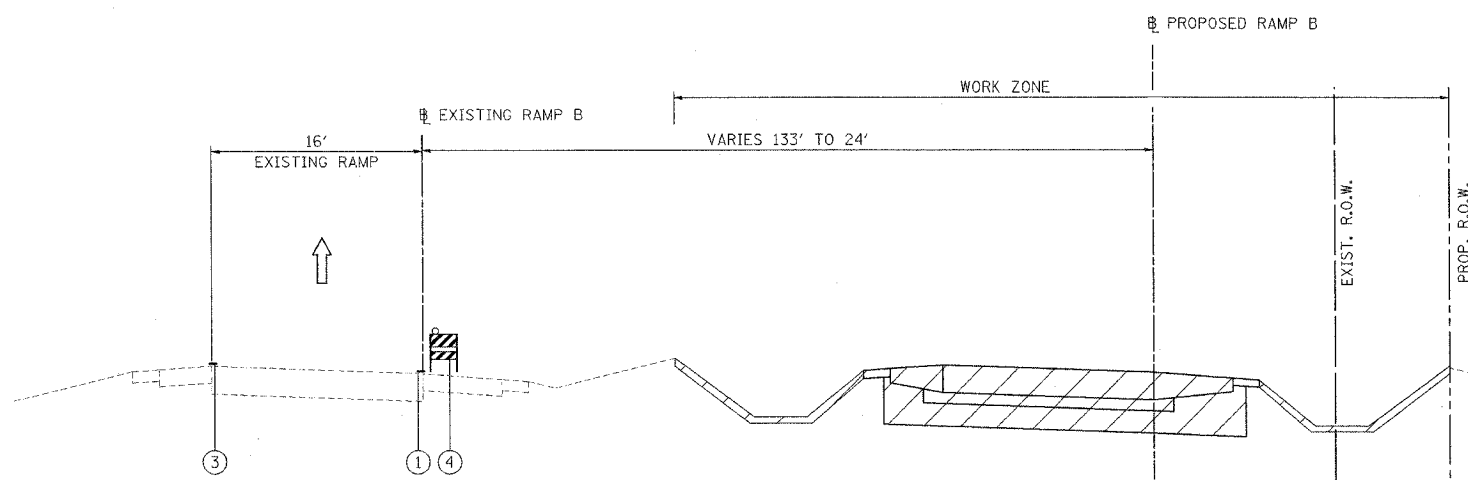
REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
SUGGESTED STAGING OF CONSTRUCTION
& TRAFFIC CONTROL
TYPICAL SECTIONS
RAMP A STAGE 1, 1A, 1B, & 2

SCALE: NONE DRAWN BY: MAT
DATE: 2/10/06 CHECKED BY: JJC

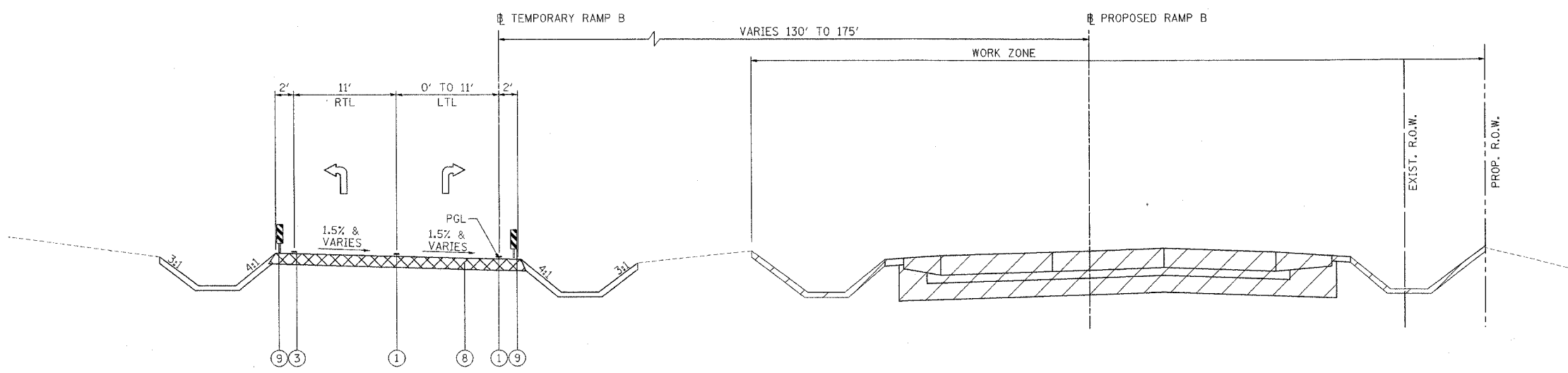


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (WHITE)
 - ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
 - ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
 - ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
 - ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
 - ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
 - ⑧ TEMPORARY PAVEMENT
 - ⑨ VERTICAL PANEL
-  BITUMINOUS TEMPORARY PAVEMENT, 11"
 NEW CONSTRUCTION

(B1) RAMP B STAGE 1
STA. 384+84.10 TO 393+35.23



(B2) RAMP B STAGE 1
STA. 393+35.23 TO 399+02.05

NOTE: SEE SUPERELEVATION TRANSITIONS SHEET FOR DETAILS ON THE SUPERELEVATION RATES

REVISIONS	
NAME	DATE

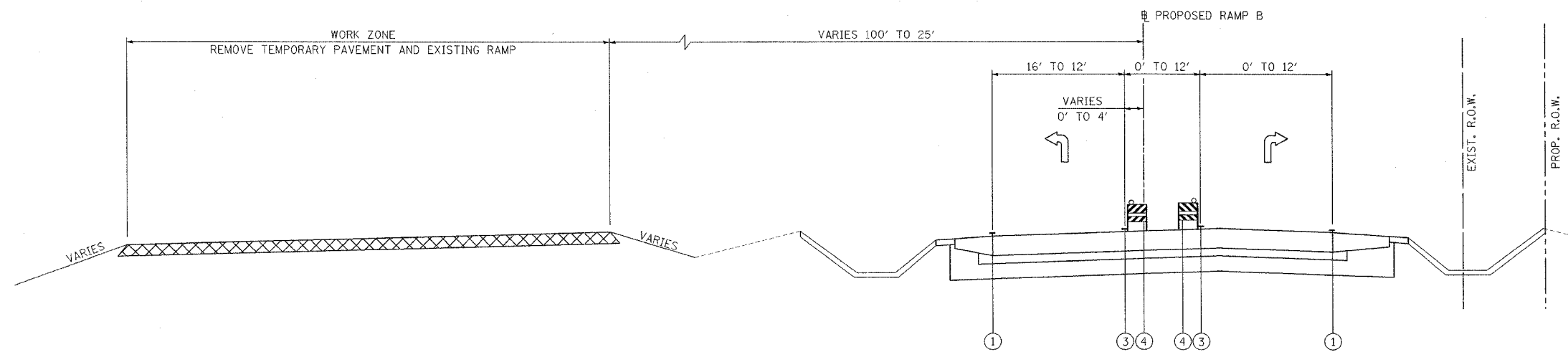
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION
 & TRAFFIC CONTROL
 TYPICAL SECTIONS
 RAMP B STAGE 1

SCALE: NONE
 DATE: 2/10/06

DRAWN BY: MAT
 CHECKED BY: JJC

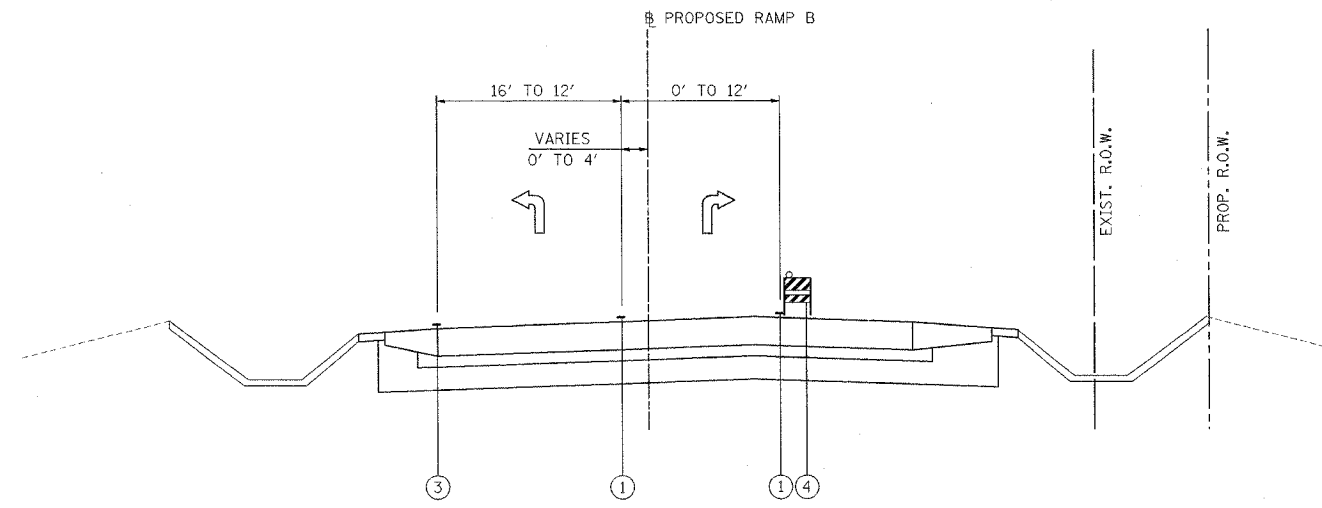


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (WHITE)
 - ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
 - ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
 - ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
 - ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
 - ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
 - ⑧ TEMPORARY PAVEMENT
 - ⑨ VERTICAL PANEL
- BITUMINOUS TEMPORARY PAVEMENT, 11"
 NEW CONSTRUCTION

(B3) RAMP B STAGE 1A & 3
 STA. 381+33.22 TO 399+65.51



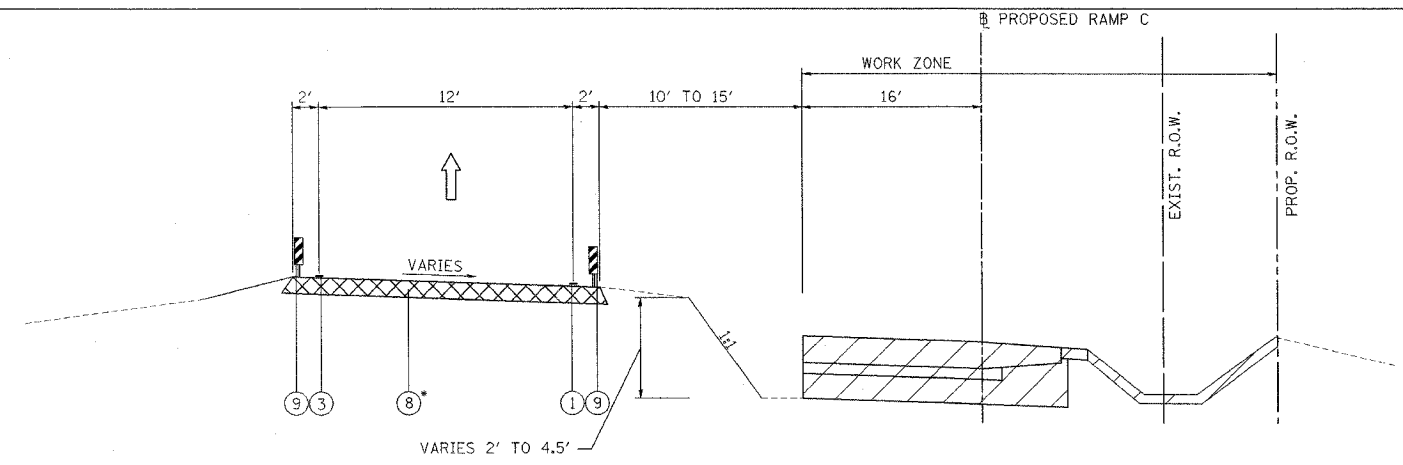
(B4) RAMP B STAGE 2
 STA. 381+33.22 TO 399+65.51

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
REVISIONS	
NAME	DATE

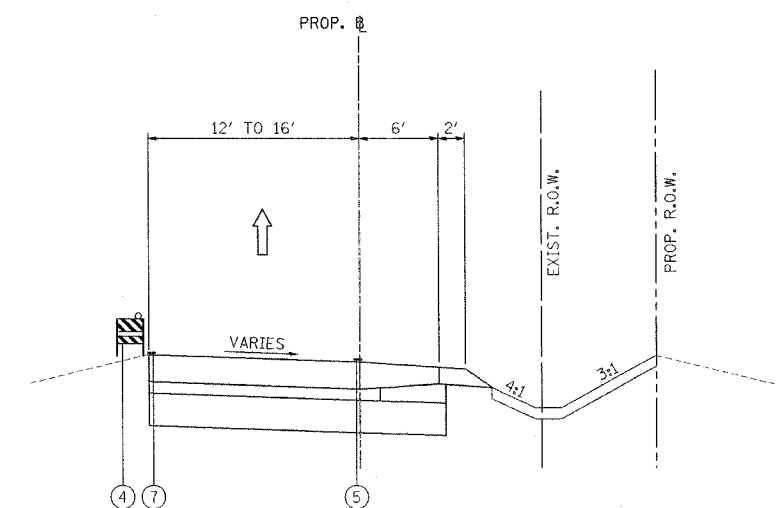
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION
 & TRAFFIC CONTROL
 TYPICAL SECTIONS
 RAMP B STAGE 1A, 2, & 3
 SCALE: NONE
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GRUNDY	243	55
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

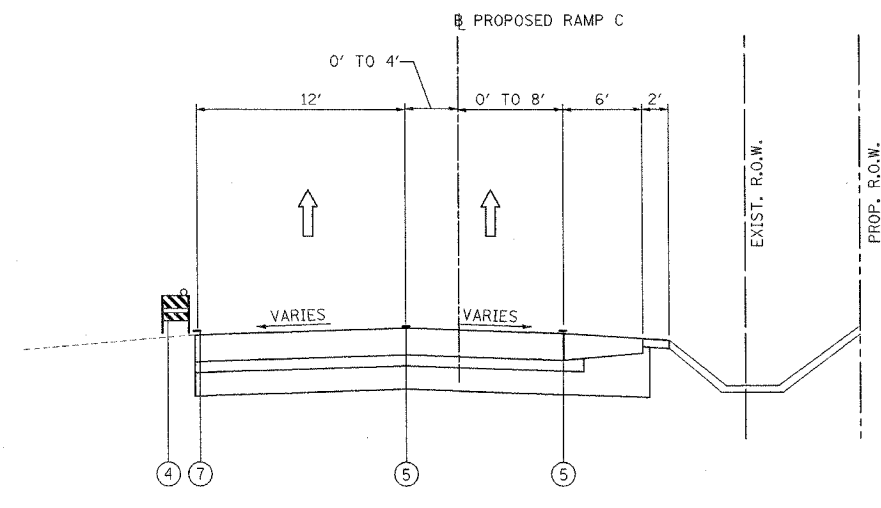


(C1) RAMP C STAGE 1
 STA. 183+34.37 TO STA. 198+15.64
 *TEMPORARY PAVEMENT FROM STA. 192+26.37 TO 199+62.89

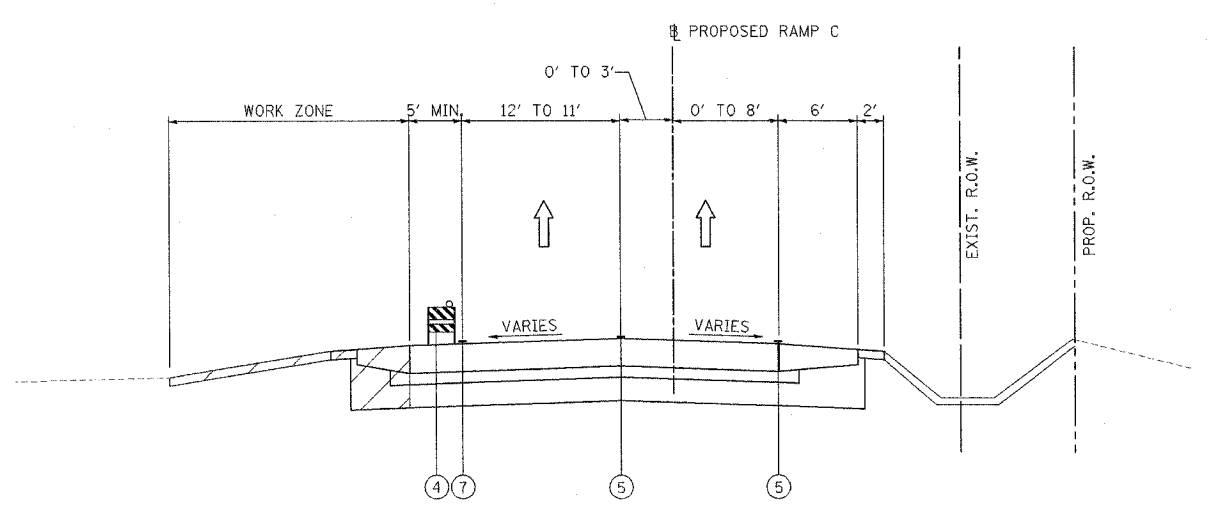
- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (WHITE)
 - ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
 - ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
 - ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
 - ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
 - ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
 - ⑧ TEMPORARY PAVEMENT
 - ⑨ VERTICAL PANEL
-  BITUMINOUS TEMPORARY PAVEMENT, 9.5"
 NEW CONSTRUCTION



(C2) RAMP C STAGE 1A & 1B
 STA. 183+34.37 TO STA. 195+90.03



(C3) RAMP C STAGE 1A & 1B
 1A STA. 195+90.03 TO STA. 199+13.97
 1B STA. 195+90.03 TO STA. 198+45.79



(C4) RAMP C STAGE 2
 STA. 183+47.12 TO STA. 199+62.89

NOTE: SEE PLAN VIEW FOR STAGE 1A & 1B WORK ZONES

REVISIONS	NAME	DATE

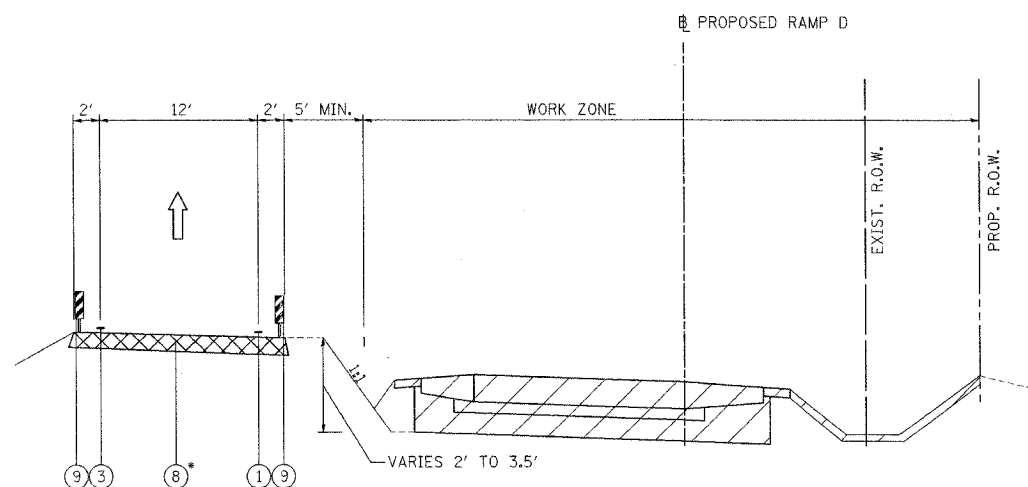
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION
 & TRAFFIC CONTROL
 TYPICAL SECTIONS
 RAMP C STAGE 1, 1A, 1B, & 2

SCALE: NONE
 DATE: 2/10/06

DRAWN BY: MAT
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

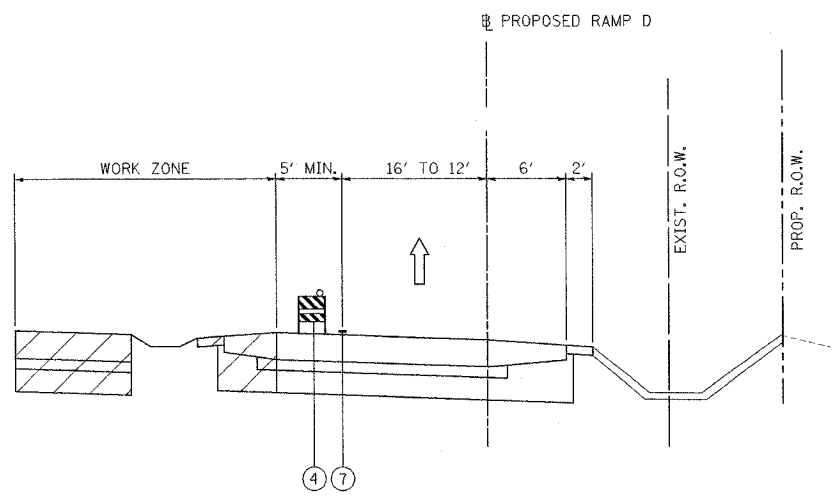
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GRUNDY	243	56
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



(D1) RAMP D STAGE 1

STA. 201+00.00 TO STA. 216+75.31
 * TEMPORARY PAVEMENT FROM STA. 201+00.00 TO STA. 208+80.15

- ① TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (WHITE)
 - ② TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (DOUBLE YELLOW)
 - ③ TEMPORARY PAVEMENT MARKING LINE, 4 INCHES (YELLOW)
 - ④ TYPE II BARRICADE OR DRUM WITH STEADY BURNING LIGHT
 - ⑤ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (WHITE)
 - ⑥ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (DOUBLE YELLOW)
 - ⑦ PAVEMENT MARKING TAPE, TYPE 3, 4 INCHES (YELLOW)
 - ⑧ TEMPORARY PAVEMENT
 - ⑨ VERTICAL PANEL
- BITUMINOUS TEMPORARY PAVEMENT, 10"
 NEW CONSTRUCTION



(D2) RAMP D STAGE 2

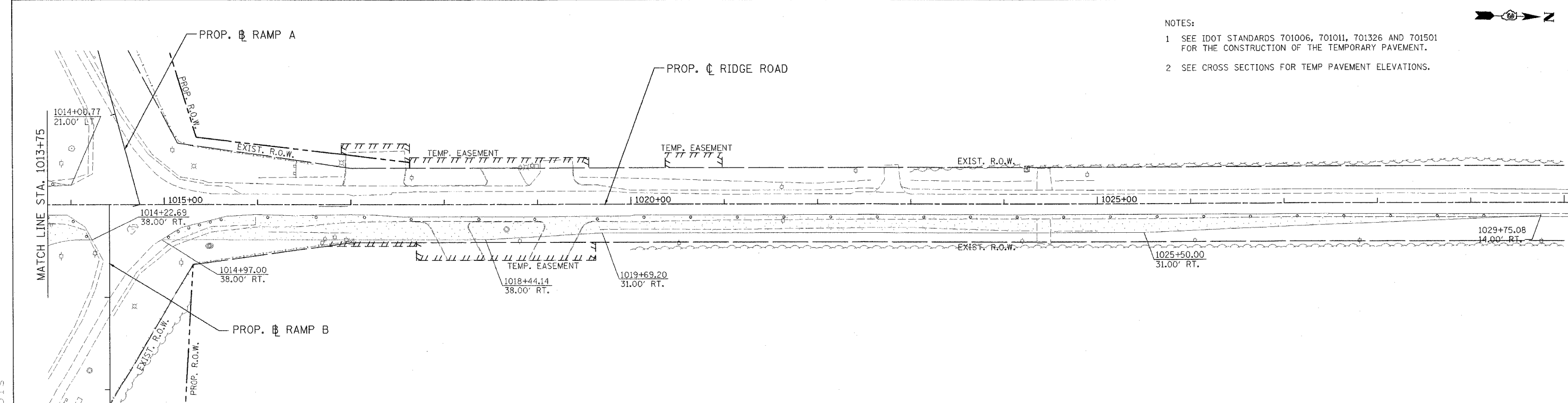
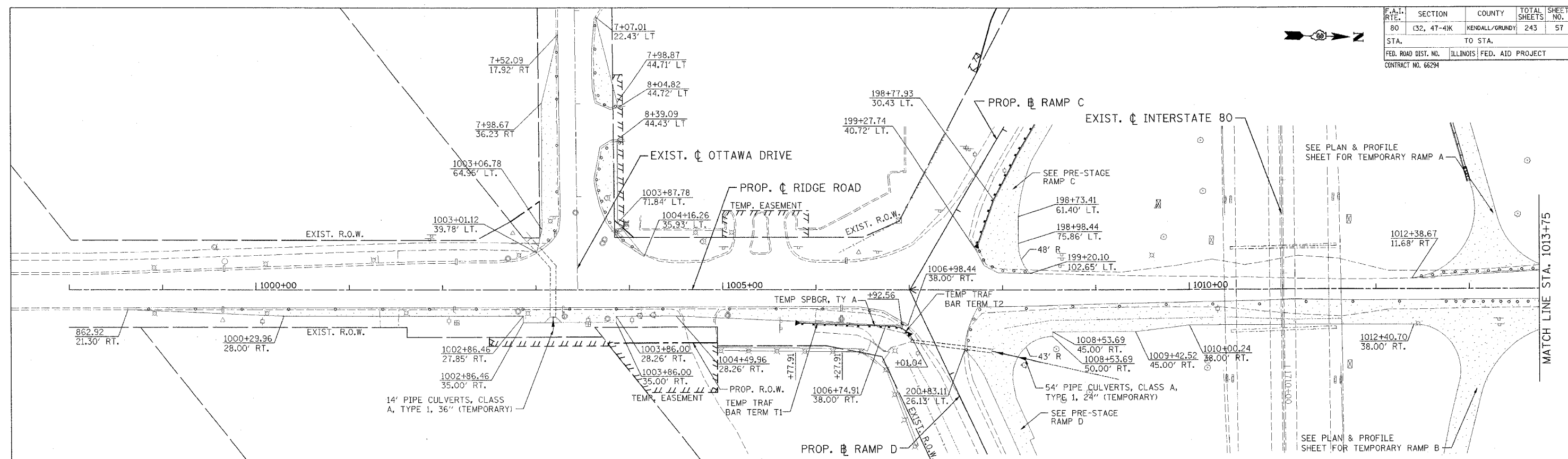
STA. 201+00.00 TO STA. 220+50.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION
 & TRAFFIC CONTROL
 TYPICAL SECTIONS
 RAMP D STAGE 1 & 2

SCALE: NONE DRAWN BY: MAT
 DATE: 2/10/06 CHECKED BY: JJC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



- NOTES:
- 1 SEE IDOT STANDARDS 701006, 701011, 701326 AND 701501 FOR THE CONSTRUCTION OF THE TEMPORARY PAVEMENT.
 - 2 SEE CROSS SECTIONS FOR TEMP PAVEMENT ELEVATIONS.

- LEGEND**
- TEMPORARY PAVEMENT
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS

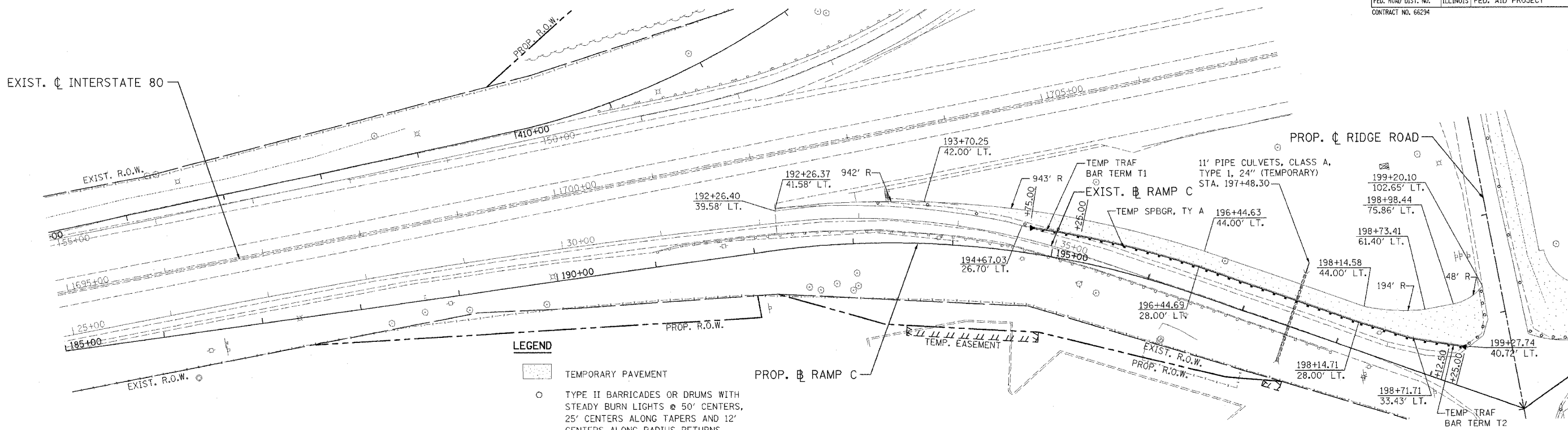
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 PRE-STAGE
 RIDGE ROAD
 STA. 1000+00 TO STA. 1029+75
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

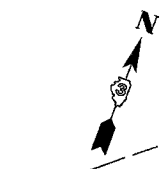
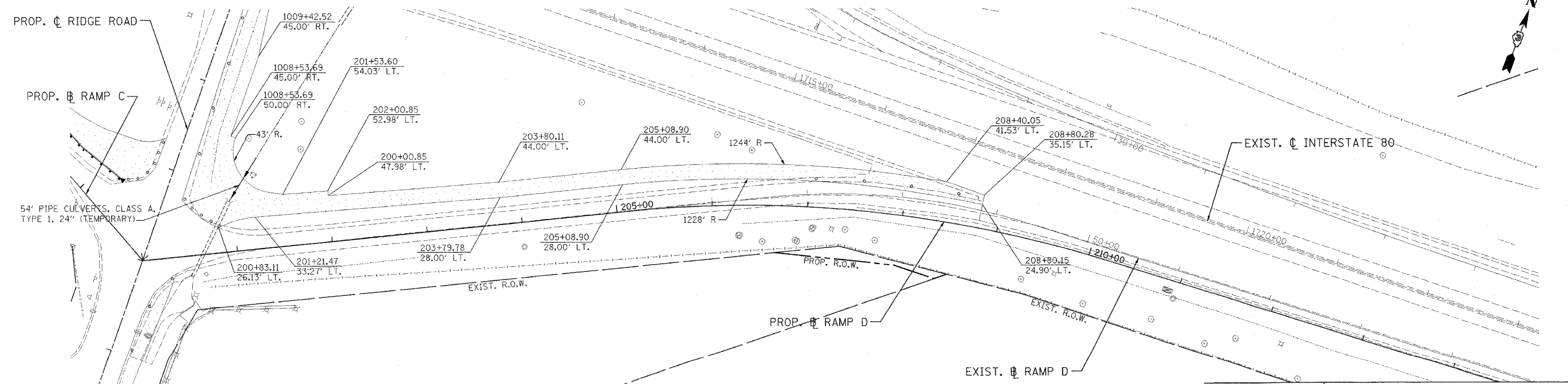
MOT-10 OF 31

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GRUNDY	243	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



- LEGEND**
- TEMPORARY PAVEMENT
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS



NOTES:
1 SEE CROSS SECTIONS FOR TEMP PAVEMENT ELEVATIONS.

REVISIONS	
NAME	DATE

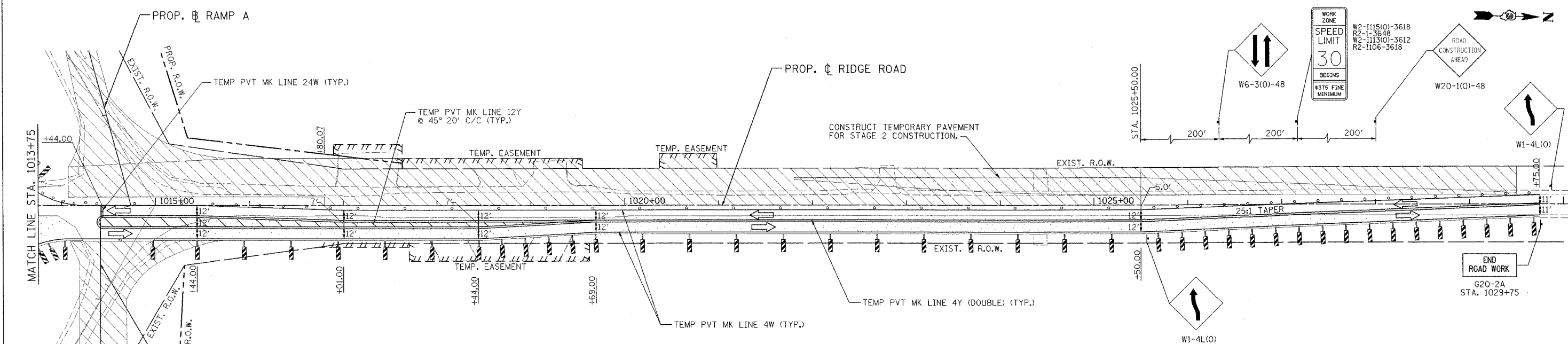
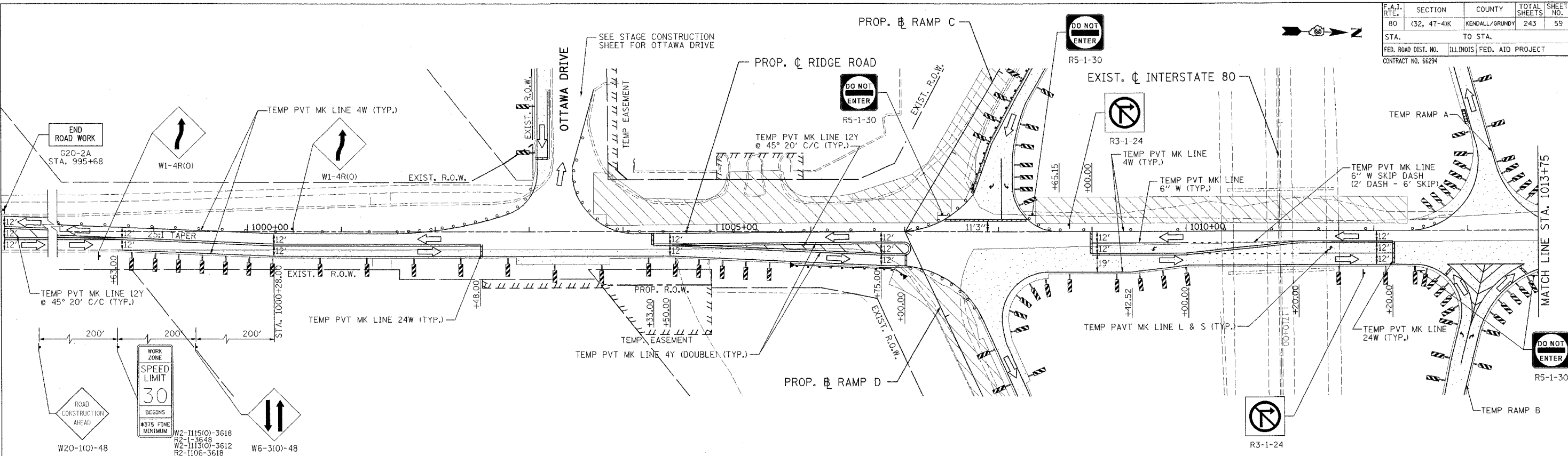
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
SUGGESTED STAGING OF CONSTRUCTION
& TRAFFIC CONTROL
PRE-STAGE
RAMP C & D

SCALE: 1:50
DATE: 2/10/06

DRAWN BY: MAT
CHECKED BY: JJC

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	RENDALL/GRUNDY	243	59
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ⚡ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▨ TEMPORARY PAVEMENT
 - ➔ ARROW BOARD

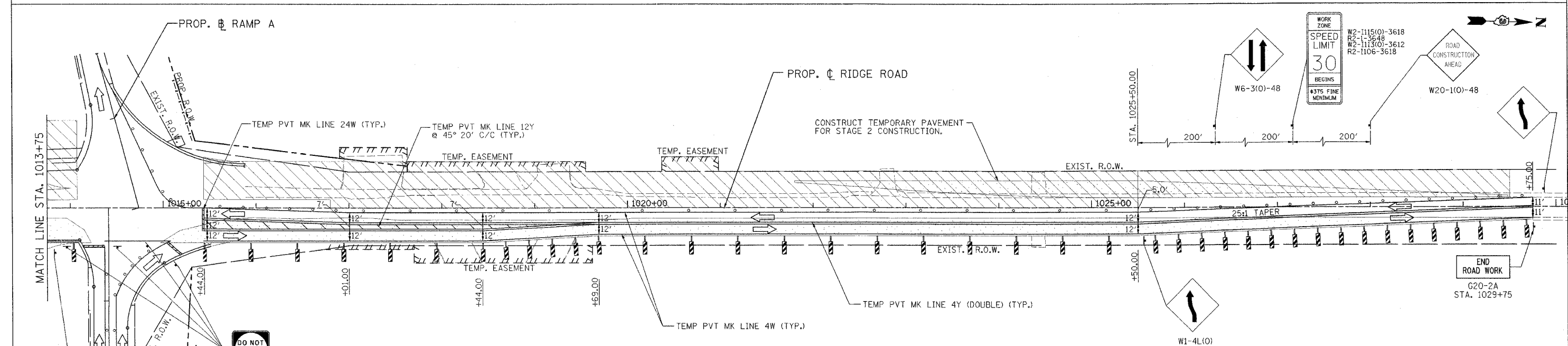
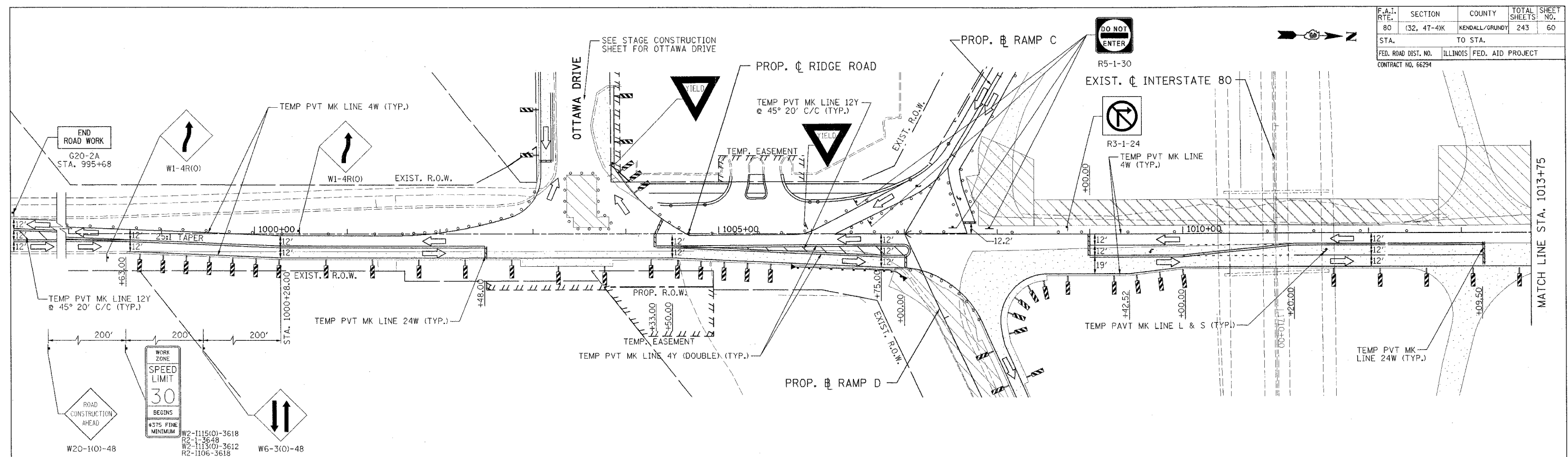
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 1
 RIDGE ROAD
 STA. 1000+00 TO STA. 1029+75
 SCALE: 1:50
 DATE: 2/10/06

DRAWN BY: MAT
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE. 80	SECTION (32, 47-4)K	COUNTY KENDALL/GRUNDY	TOTAL SHEETS 243	SHEET NO. 60
STA. TO STA.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▨ TEMPORARY PAVEMENT
 - ⬇️ ARROW BOARD
 - ⊥ VERTICAL PANEL WITH STEADY BURNING LIGHT

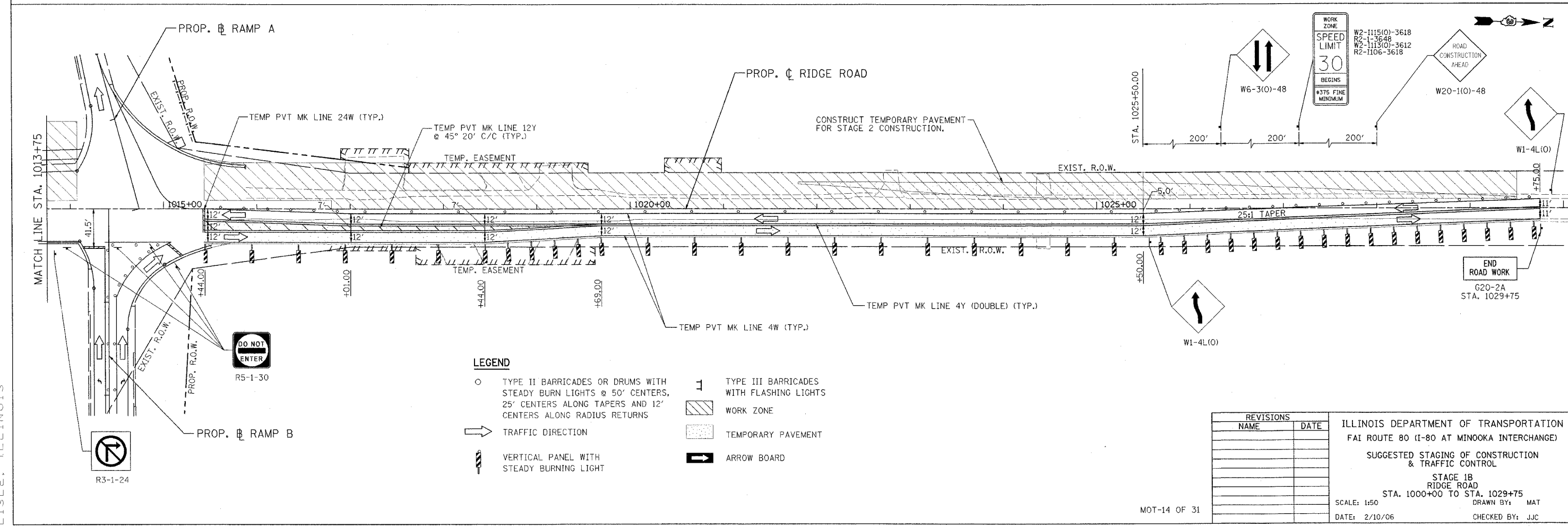
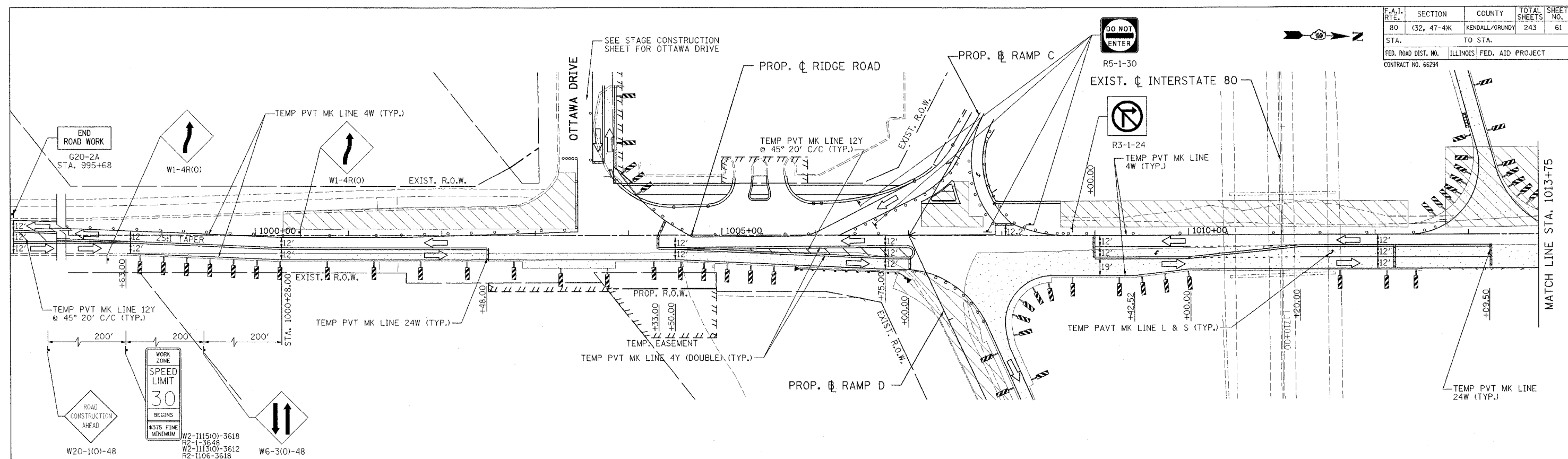
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 1A
 RIDGE ROAD
 STA. 1000+00 TO STA. 1029+75
 SCALE: 1:50
 DATE: 2/10/06

DRAWN BY: MAT
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	61
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



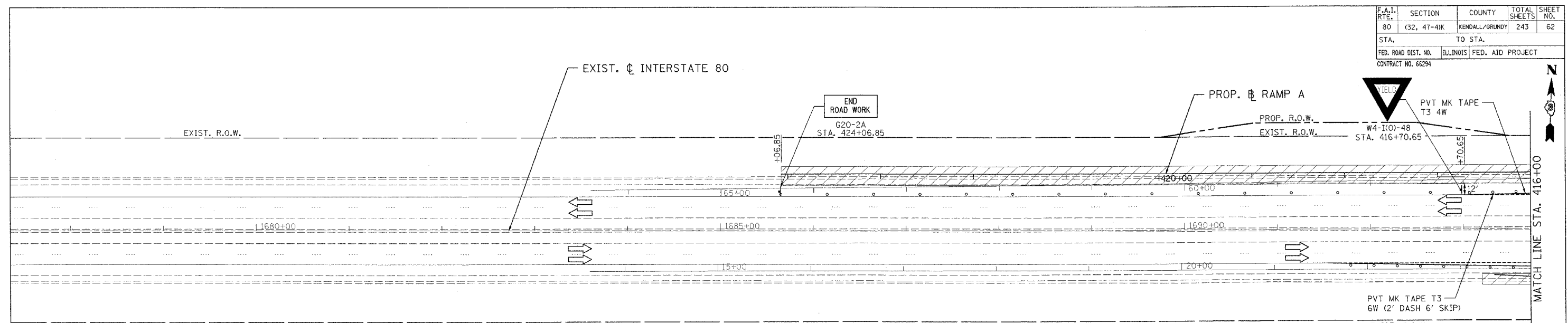
- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ⚡ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▨ TEMPORARY PAVEMENT
 - ➔ ARROW BOARD

REVISIONS	
NAME	DATE

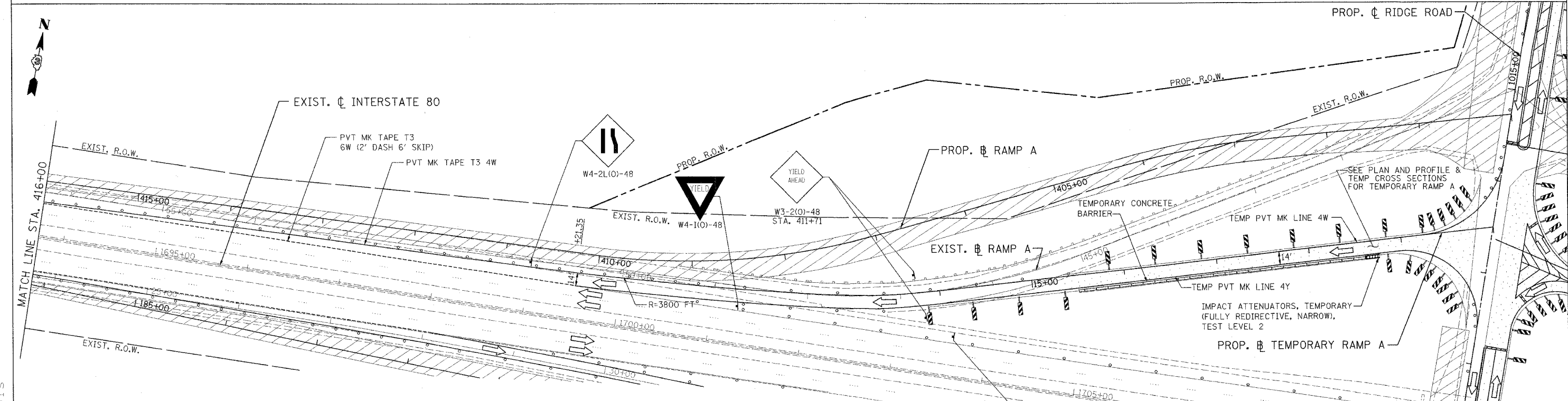
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 1B
 RIDGE ROAD
 STA. 1000+00 TO STA. 1029+75
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GROUNDEY	243	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ⇨ TRAFFIC DIRECTION
 - ⚡ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▤ TEMPORARY PAVEMENT
 - ➡ ARROW BOARD



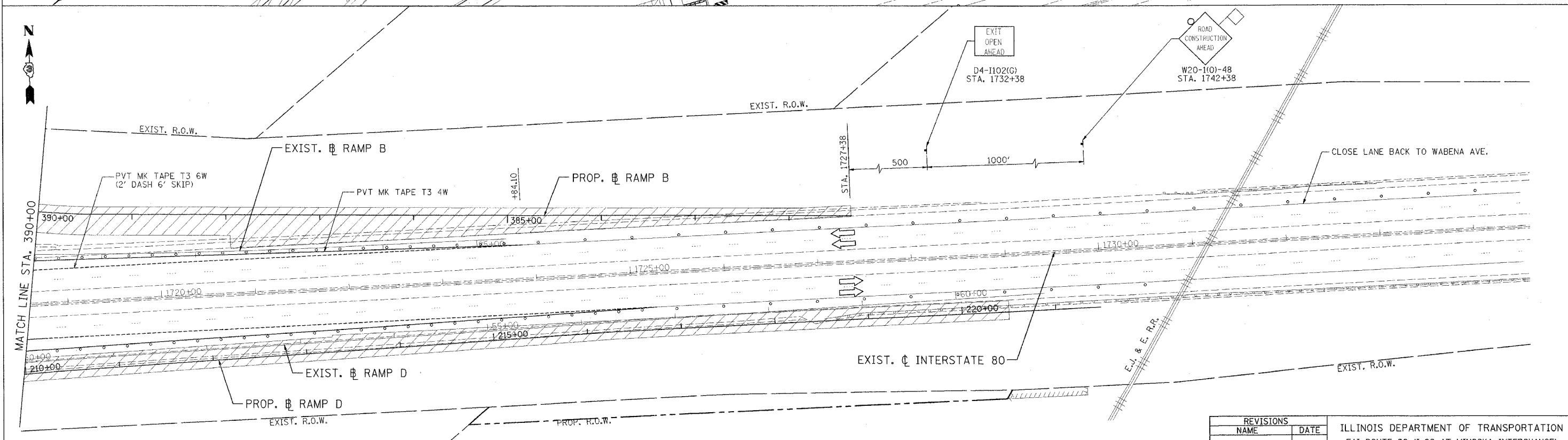
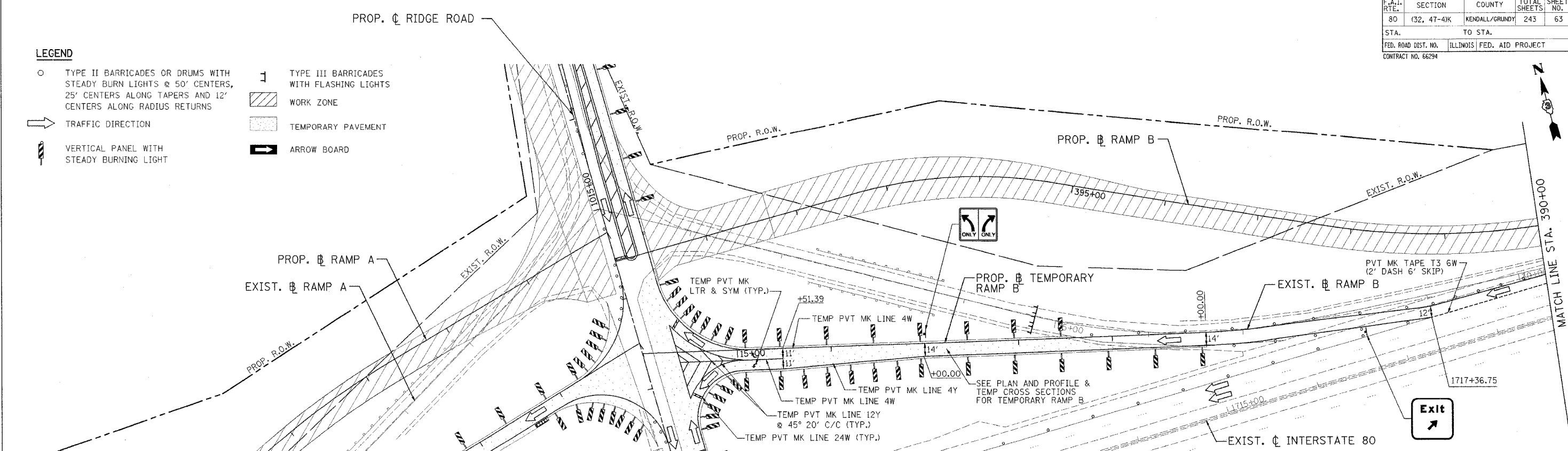
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE) SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL STAGE 1 RAMP A STA. 400+00 TO STA. 424+06.85 SCALE: 1:50 DATE: 2/10/06
NAME	DATE	
		DRAWN BY: MAT CHECKED BY: JUC

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ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

LEGEND

- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
- ➔ TRAFFIC DIRECTION
- ⏏ VERTICAL PANEL WITH STEADY BURNING LIGHT
- ⏏ TYPE III BARRICADES WITH FLASHING LIGHTS
- ▨ WORK ZONE
- ▨ TEMPORARY PAVEMENT
- ➔ ARROW BOARD

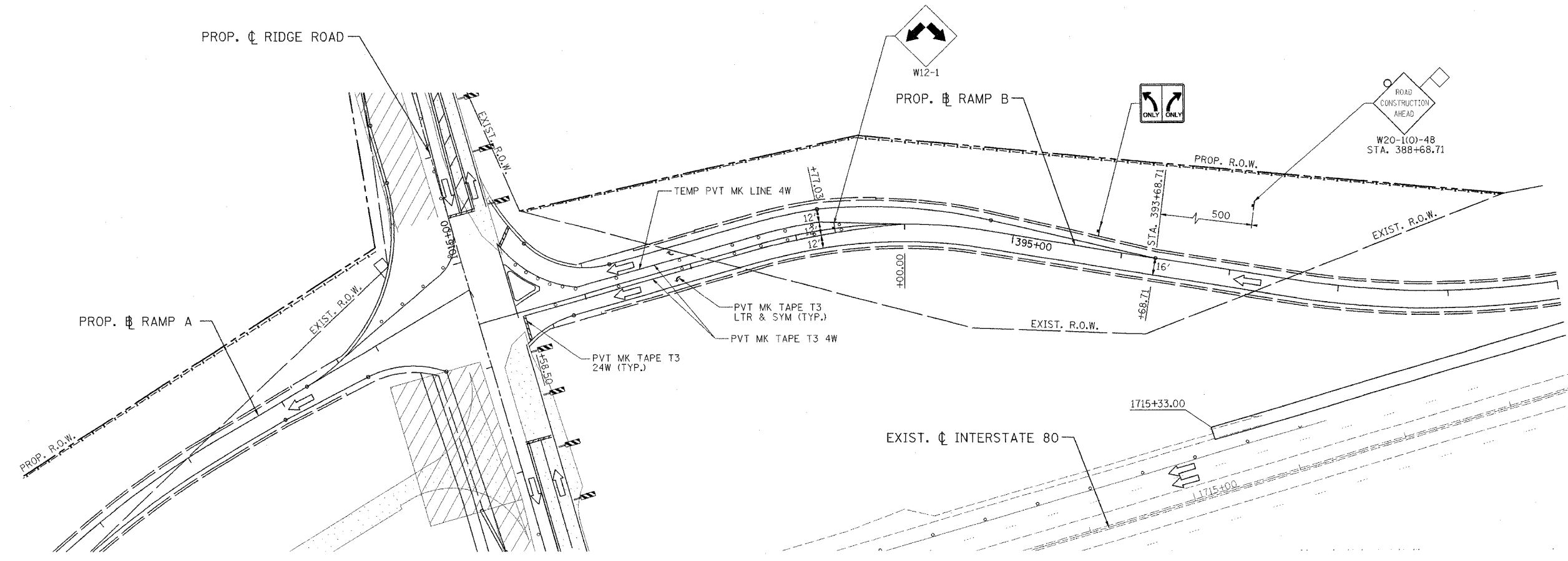


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 1
 RAMP B
 STA. 381+33.22 TO STA. 400+00
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



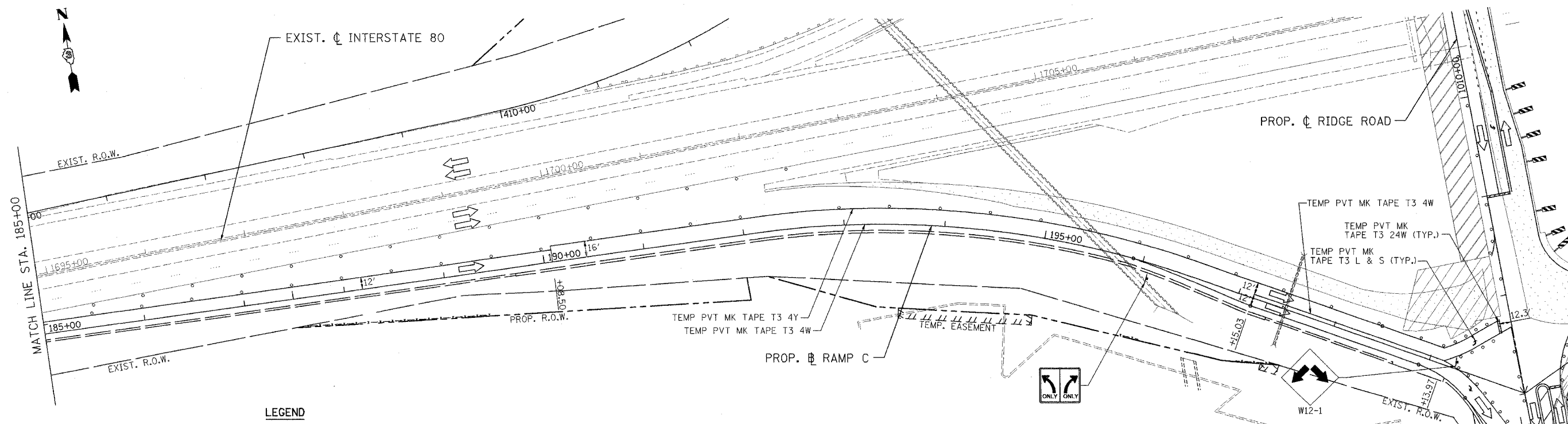
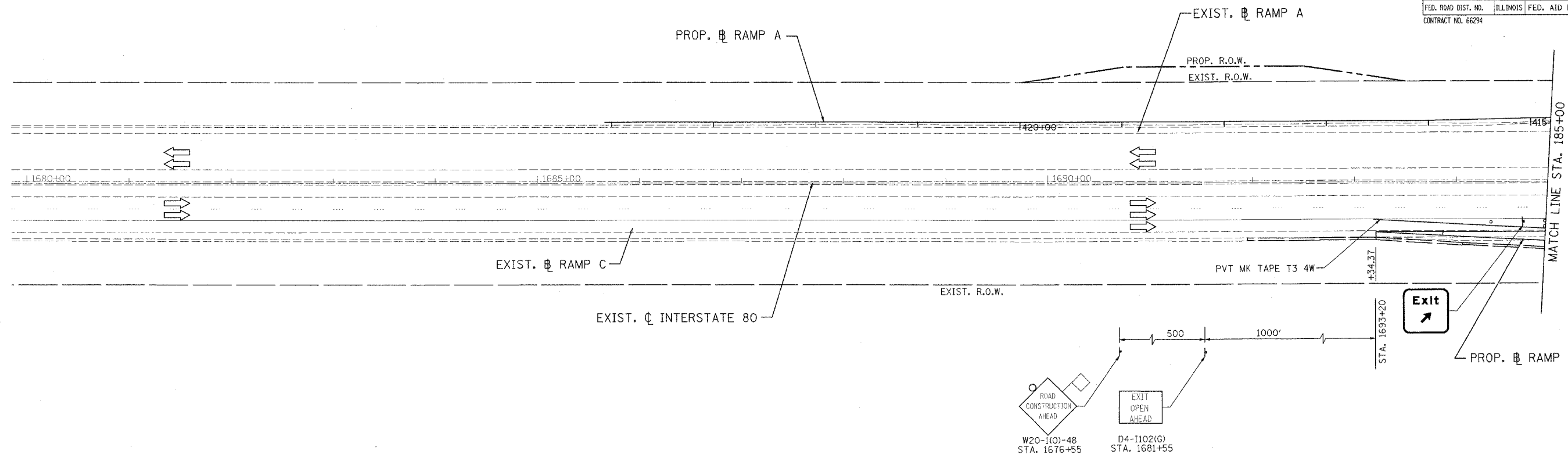
LEGEND

	TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS		TYPE III BARRICADES WITH FLASHING LIGHTS
	TRAFFIC DIRECTION		WORK ZONE
	VERTICAL PANEL WITH STEADY BURNING LIGHT		TEMPORARY PAVEMENT
	ARROW BOARD		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 1A
 RAMP B
 STA. 381+33.22 TO STA. 400+00
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	132, 47-41K	KENDALL/GRUNDY	243	66
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				

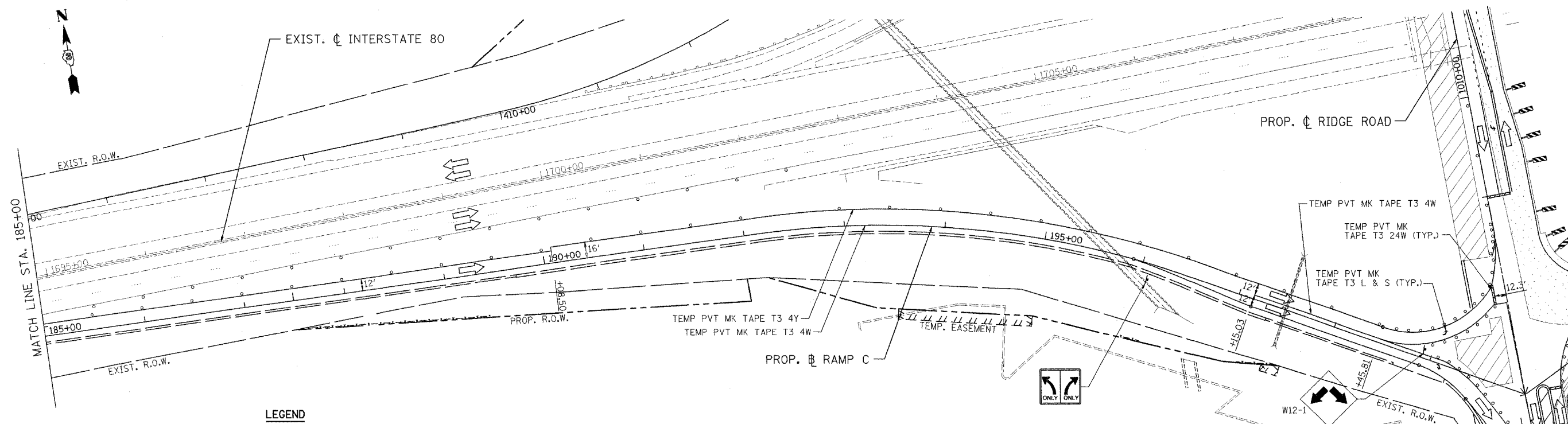
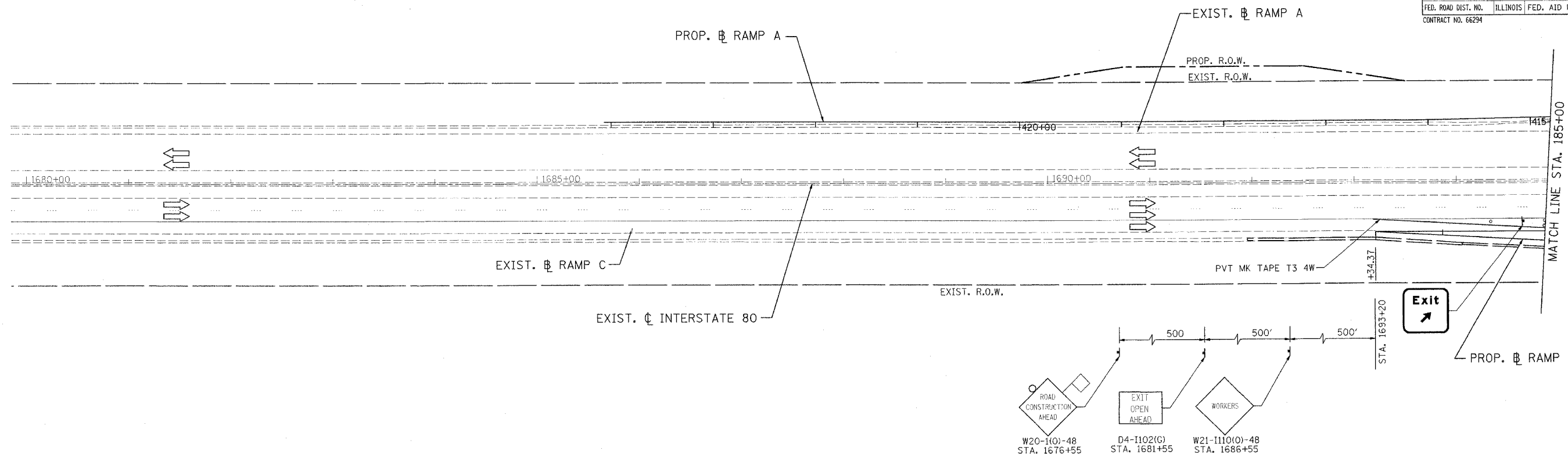


- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ⚡ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▤ TEMPORARY PAVEMENT
 - ➡ ARROW BOARD

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE) SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL STAGE 1A RAMP C STA. 184+34.37 TO STA. 200+00 SCALE: 1:50 DATE: 2/10/06
NAME	DATE	
		DRAWN BY: MAT CHECKED BY: JJC

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	67
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



LEGEND

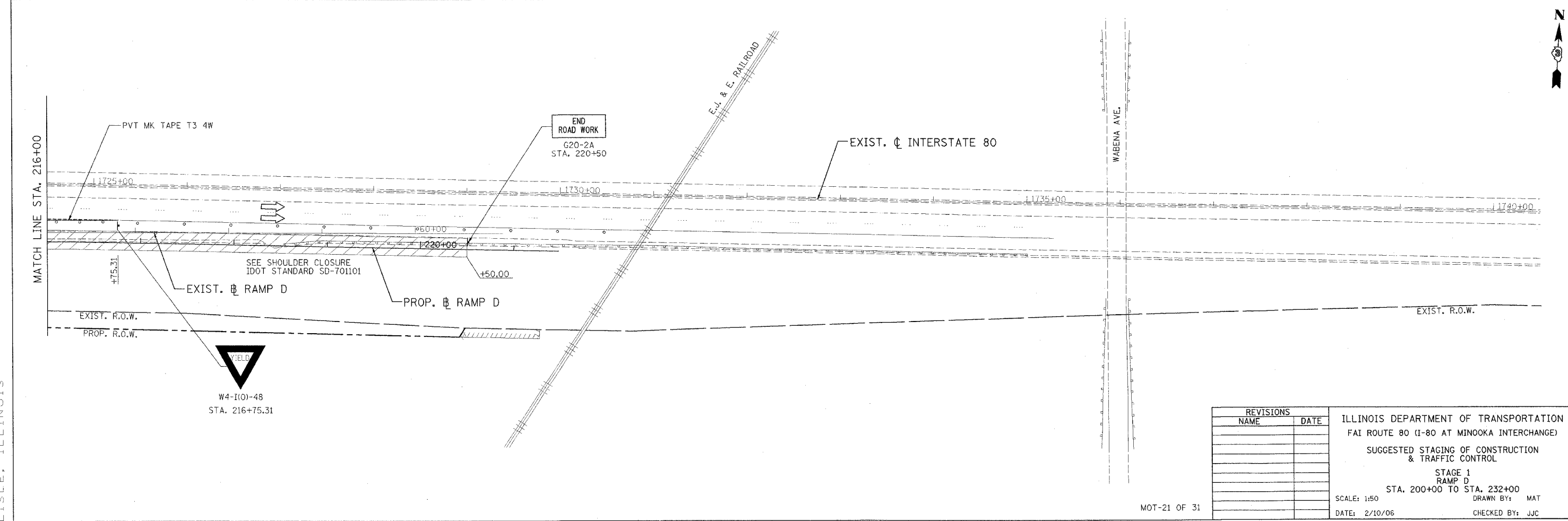
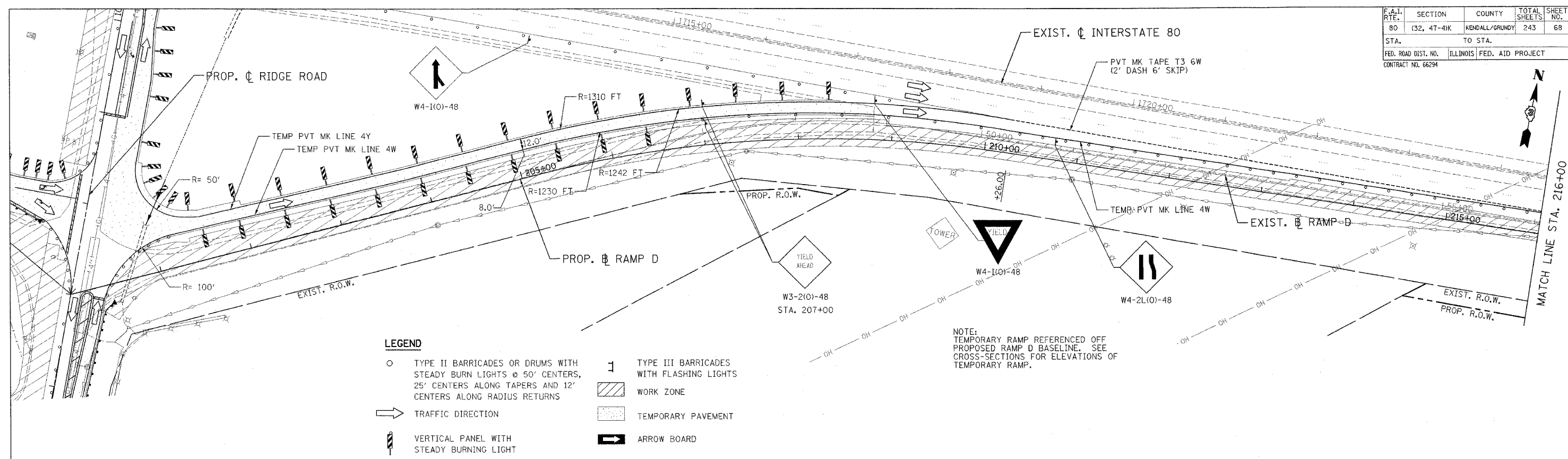
○	TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS	⊥	TYPE III BARRICADES WITH FLASHING LIGHTS
➔	TRAFFIC DIRECTION	▨	WORK ZONE
⚡	VERTICAL PANEL WITH STEADY BURNING LIGHT	▨	TEMPORARY PAVEMENT
		➔	ARROW BOARD

REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 1B
 RAMP C
 STA. 184+34.37 TO STA. 200+00
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

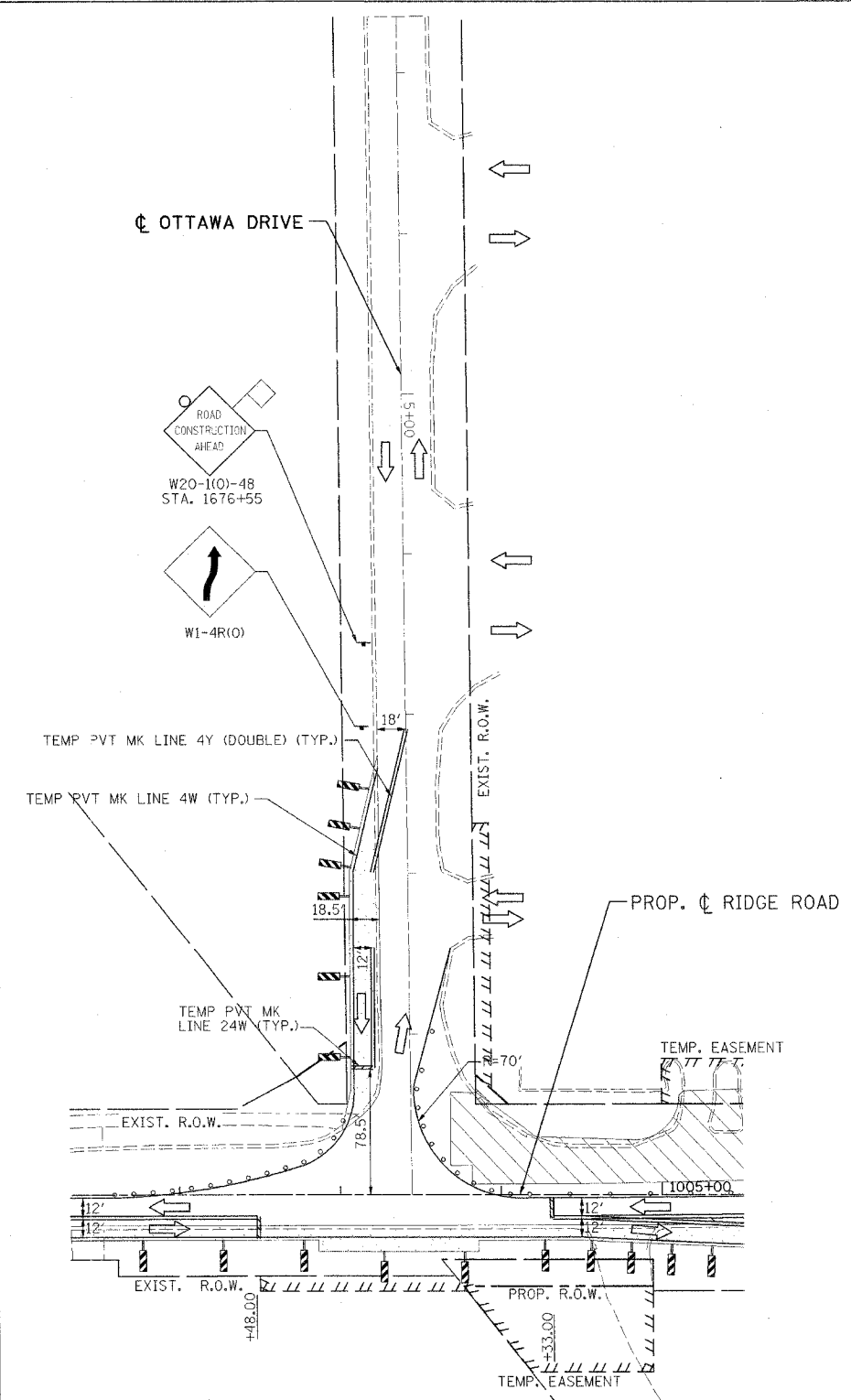
PATRICK ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

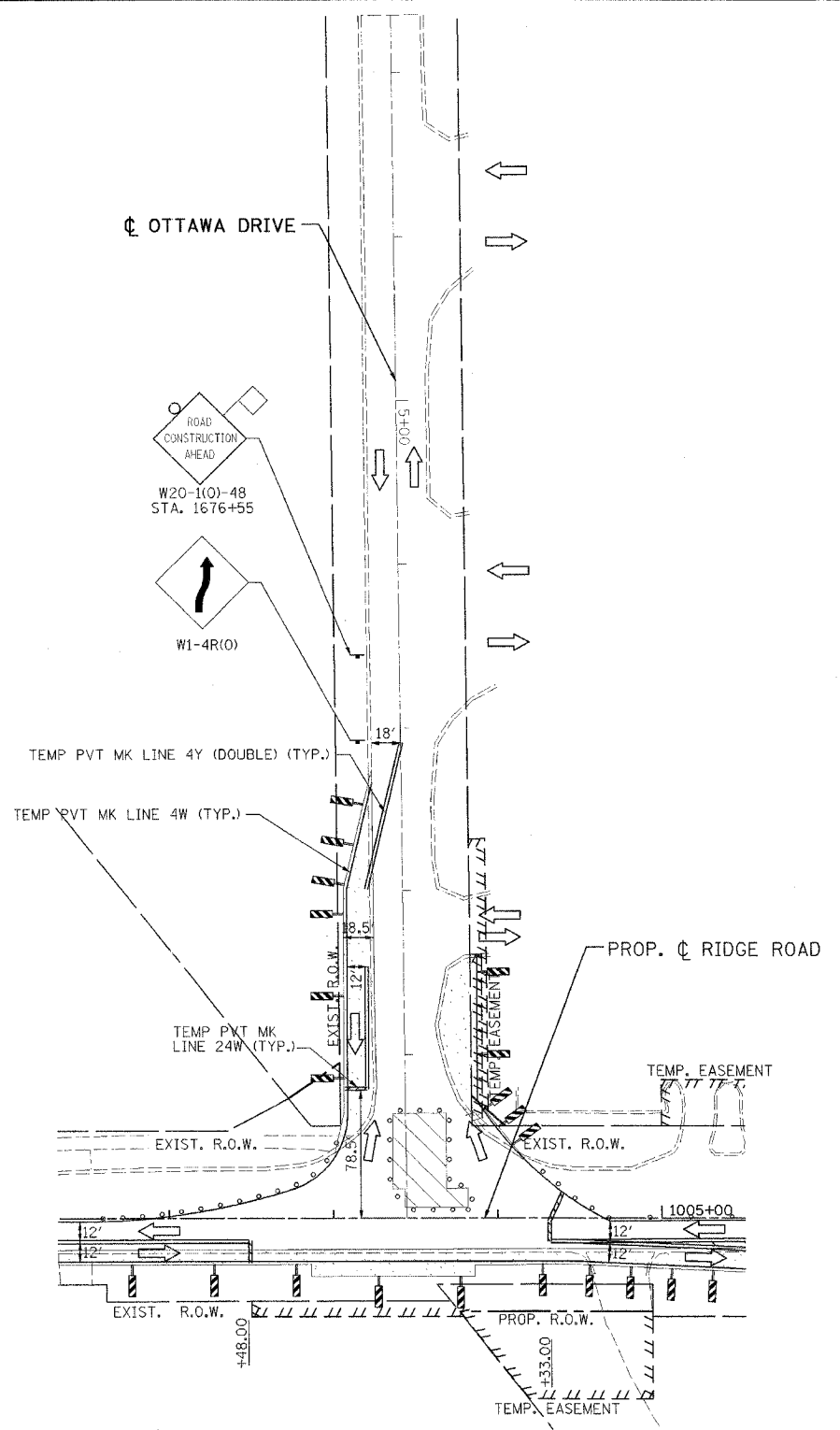


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LISLE, ILLINOIS

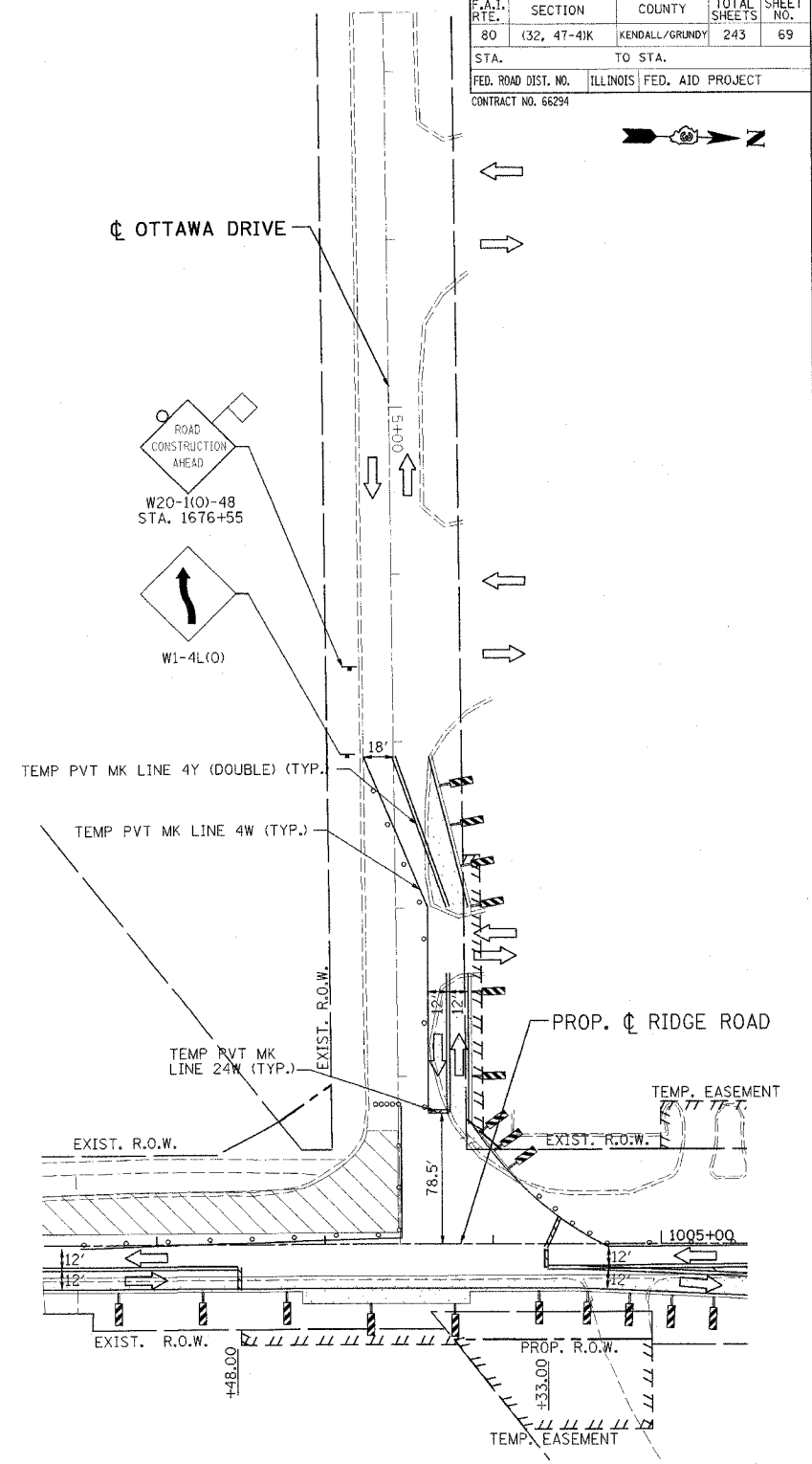
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



STAGE 1



STAGE 1A



STAGE 1B

- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ▬ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - 1 TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▤ TEMPORARY PAVEMENT
 - ➡ ARROW BOARD

REVISIONS	
NAME	DATE

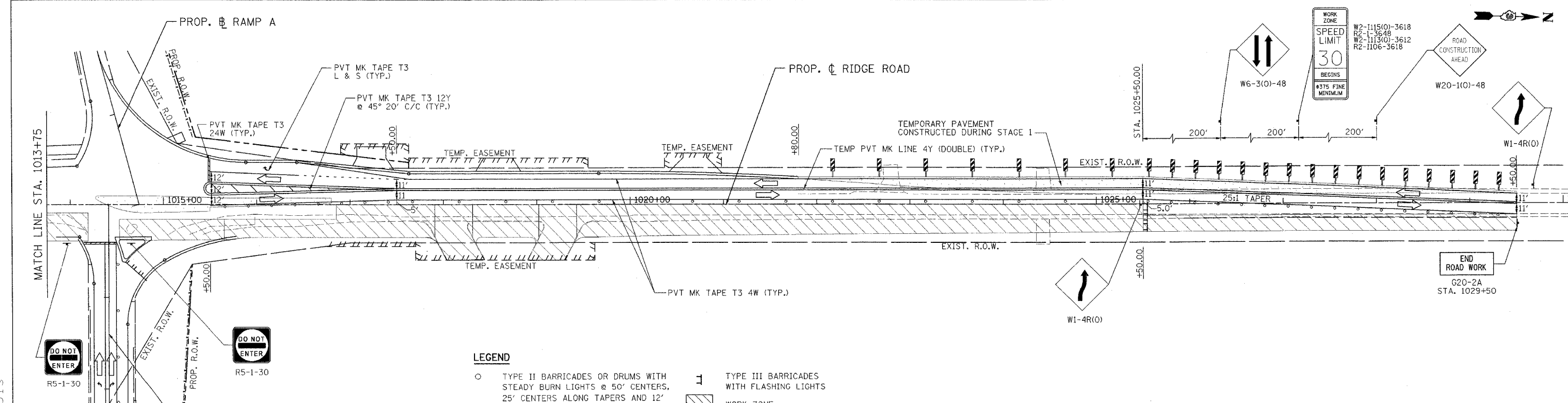
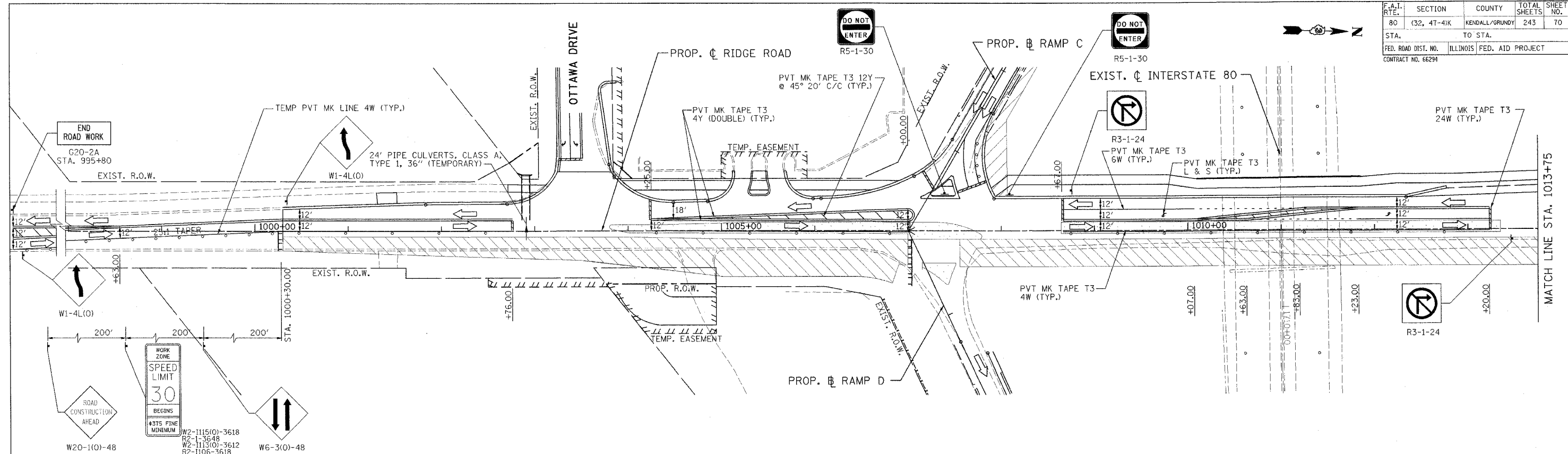
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION
 & TRAFFIC CONTROL
 STAGE 1, 1A, & 1B
 OTTAWA DRIVE

SCALE: 1:50
 DATE: 2/10/06

DRAWN BY: MAT
 CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	C32, 47-4K	KENDALL/GRUNDY	243	70
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ▬ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▨ TEMPORARY PAVEMENT
 - ➔ ARROW BOARD

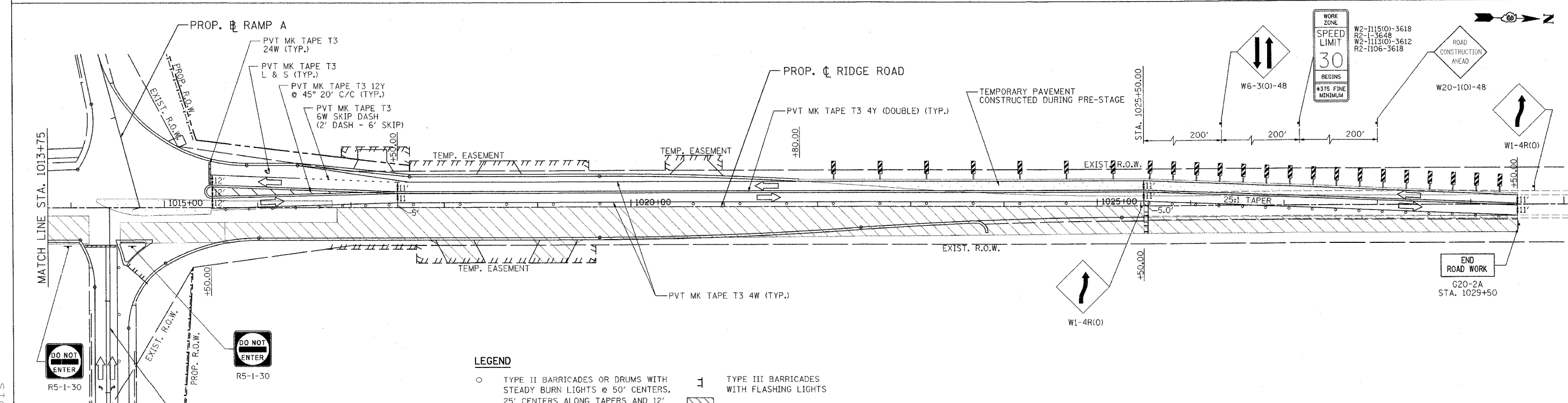
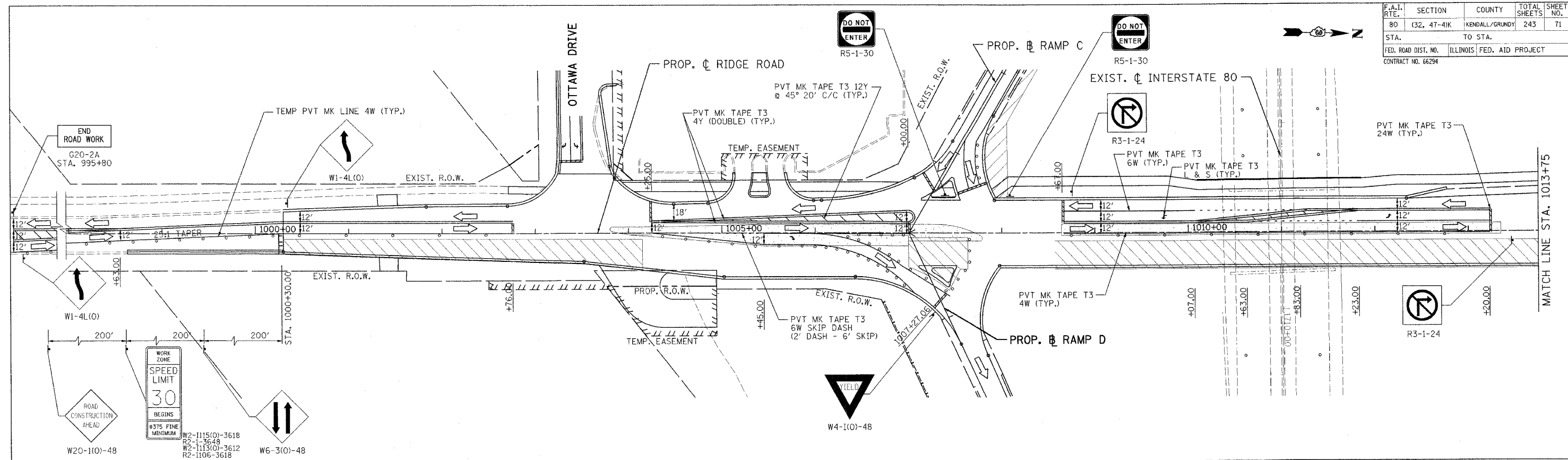
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 2
 RIDGE ROAD
 STA. 1000+00 TO STA. 1029+50
 SCALE: 1:50
 DATE: 2/10/06

DRAWN BY: MAT
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GUNDBY	243	71
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



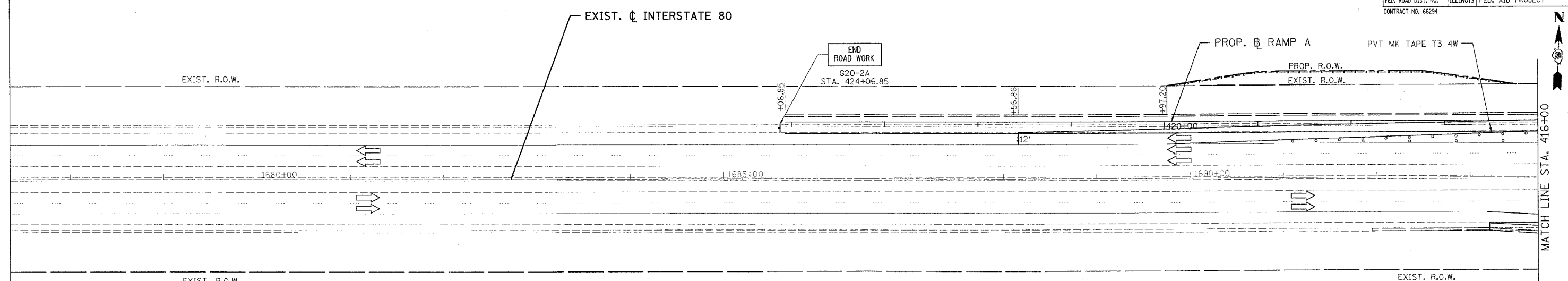
- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ▬ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▤ TEMPORARY PAVEMENT
 - ➡ ARROW BOARD

REVISIONS	
NAME	DATE

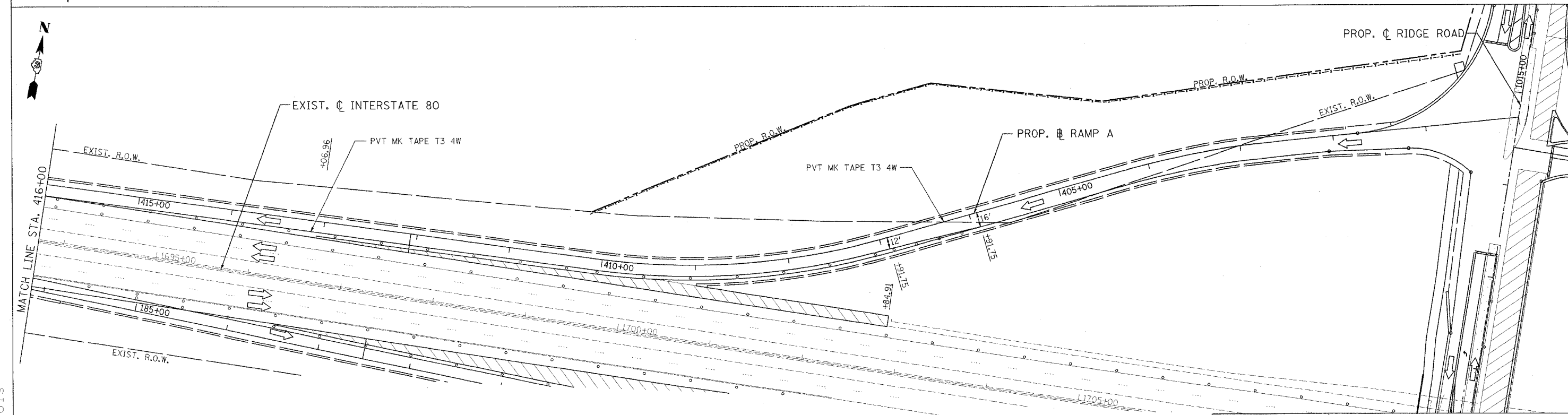
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 2A
 RIDGE ROAD
 STA. 1000+00 TO STA. 1029+50
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32, 47-4K	KENDALL/GROUNY	243	72
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ⊞ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▨ TEMPORARY PAVEMENT
 - ⊞ ARROW BOARD
 - ⊞ VERTICAL PANEL WITH STEADY BURNING LIGHT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 2
 RAMP A
 STA. 400+00 TO STA. 424+06.85
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

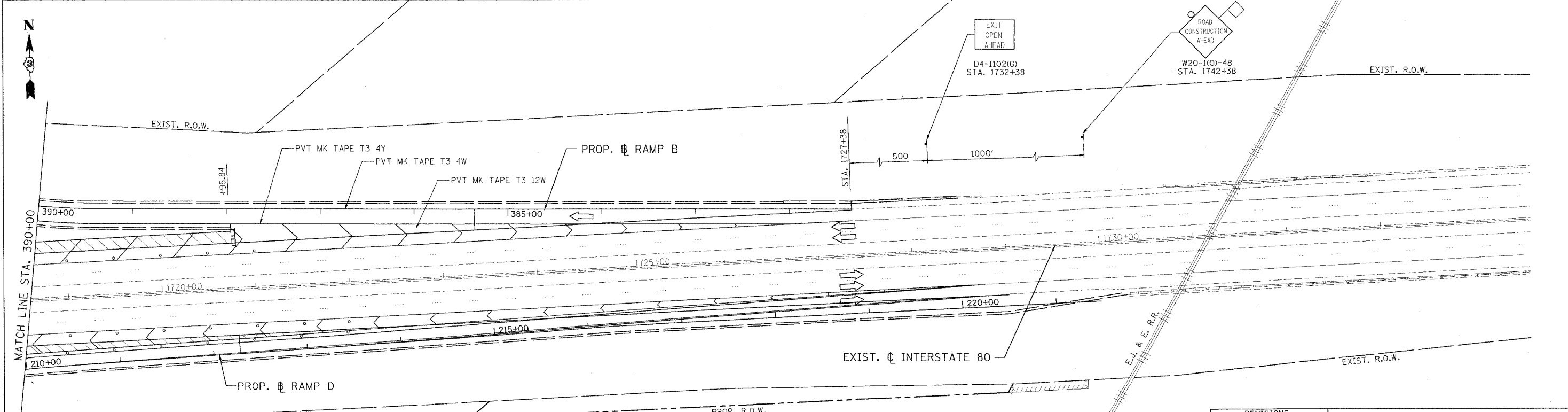
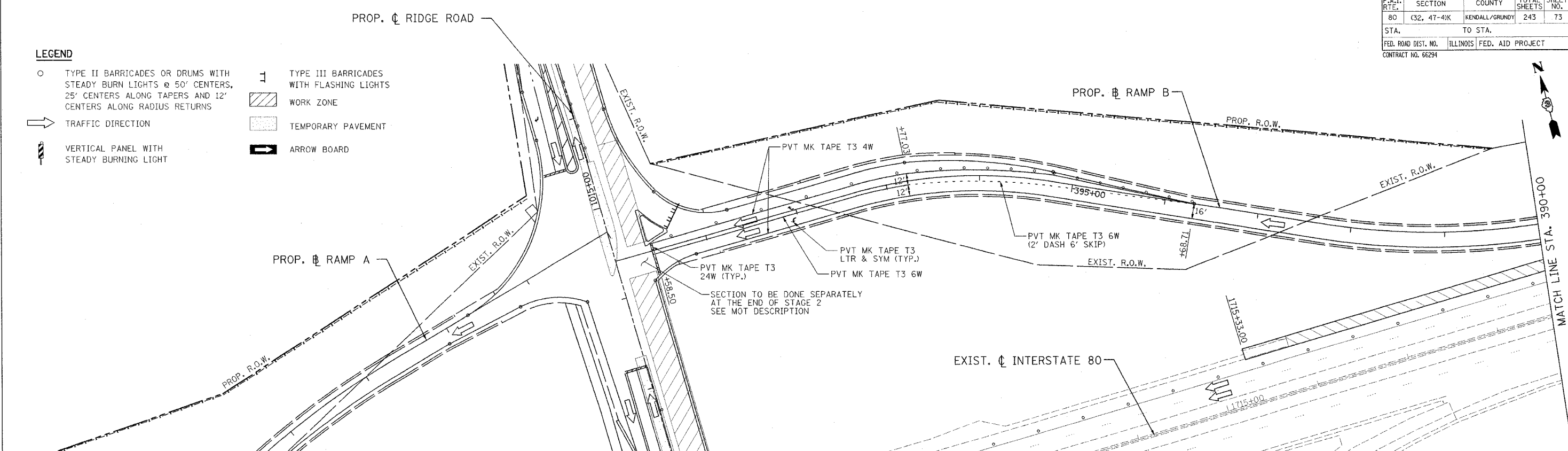
PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

MOT-25 OF 31

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	73
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

LEGEND

- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
- TRAFFIC DIRECTION
- ⏏ VERTICAL PANEL WITH STEADY BURNING LIGHT
- ⏏ TYPE III BARRICADES WITH FLASHING LIGHTS
- ▨ WORK ZONE
- ▨ TEMPORARY PAVEMENT
- ARROW BOARD



REVISIONS	
NAME	DATE

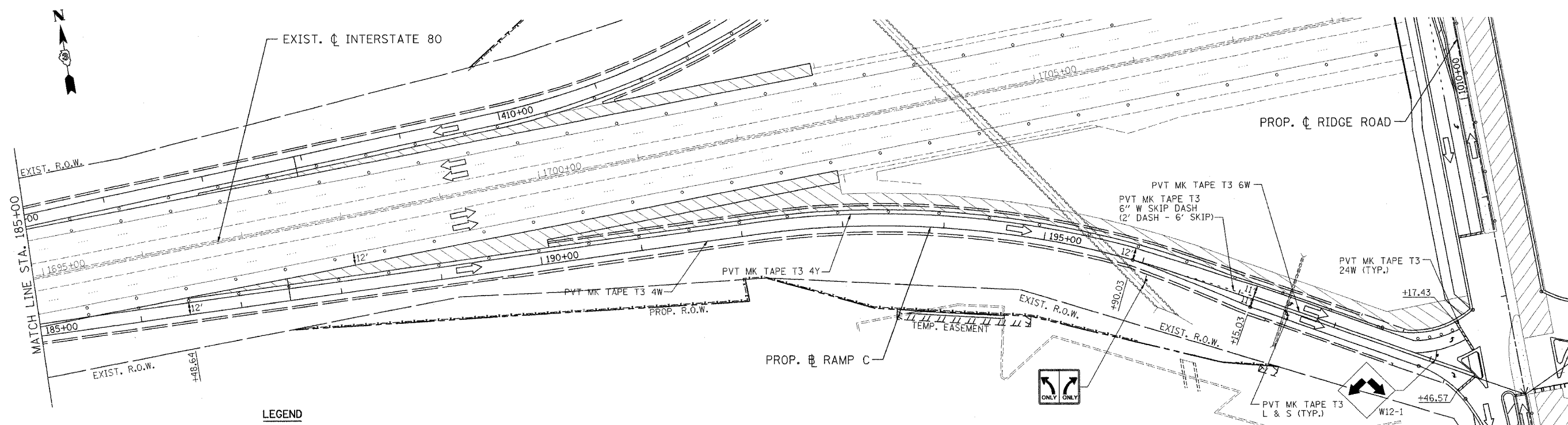
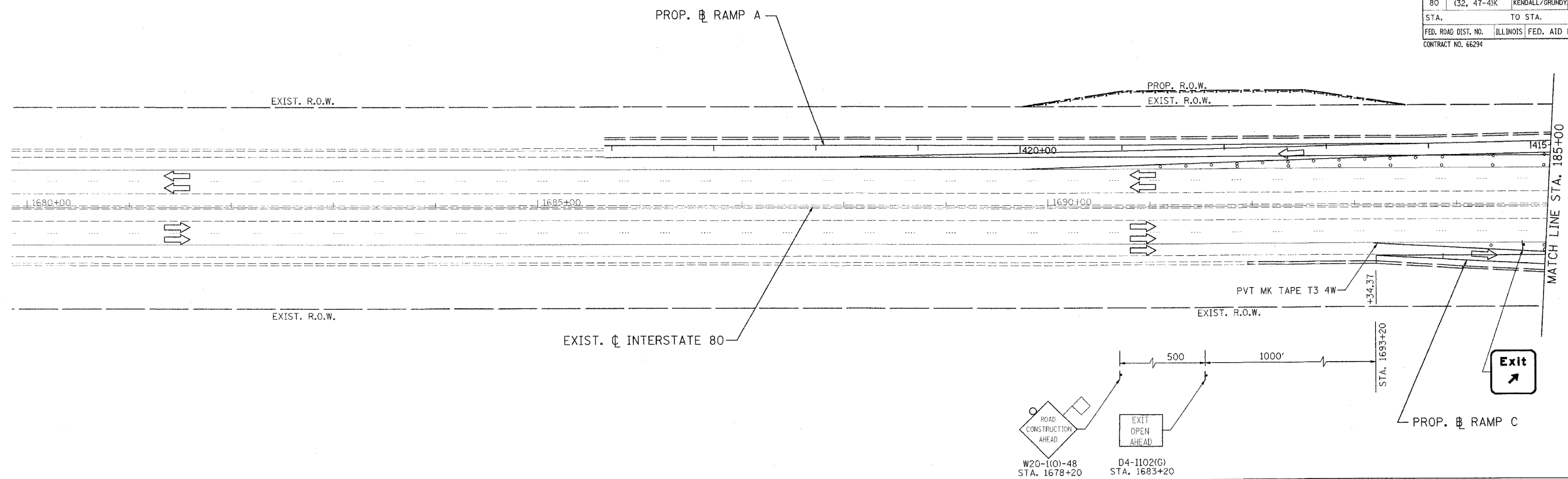
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 2
 RAMP B
 STA. 381+33.22 TO STA. 400+00
 SCALE: 1:50
 DATE: 2/10/06

MOT-26 OF 31

DRAWN BY: MAT
 CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	74
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



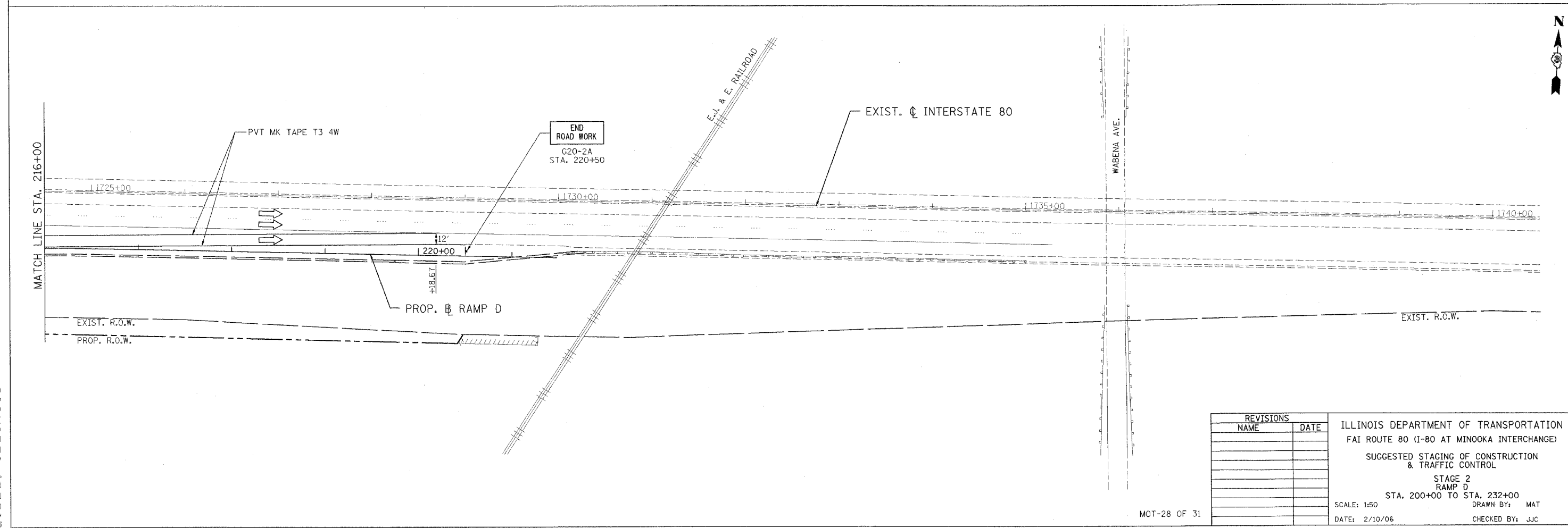
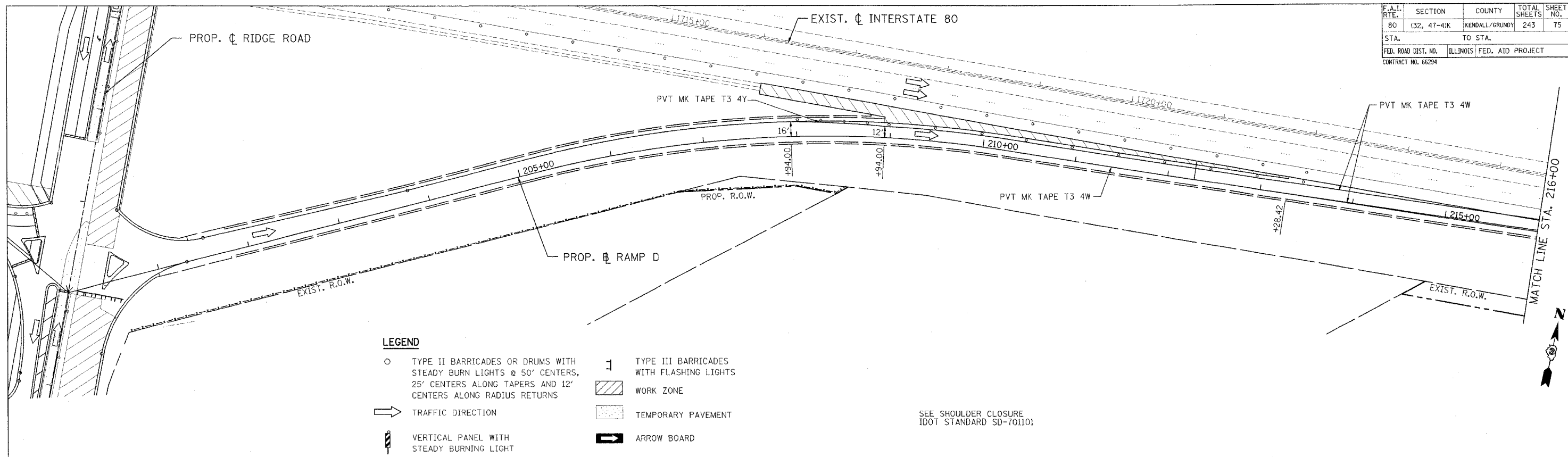
- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ▬ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▤ TEMPORARY PAVEMENT
 - ➡ ARROW BOARD

REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 2
 RAMP C
 STA. 184+34.37 TO STA. 200+00
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

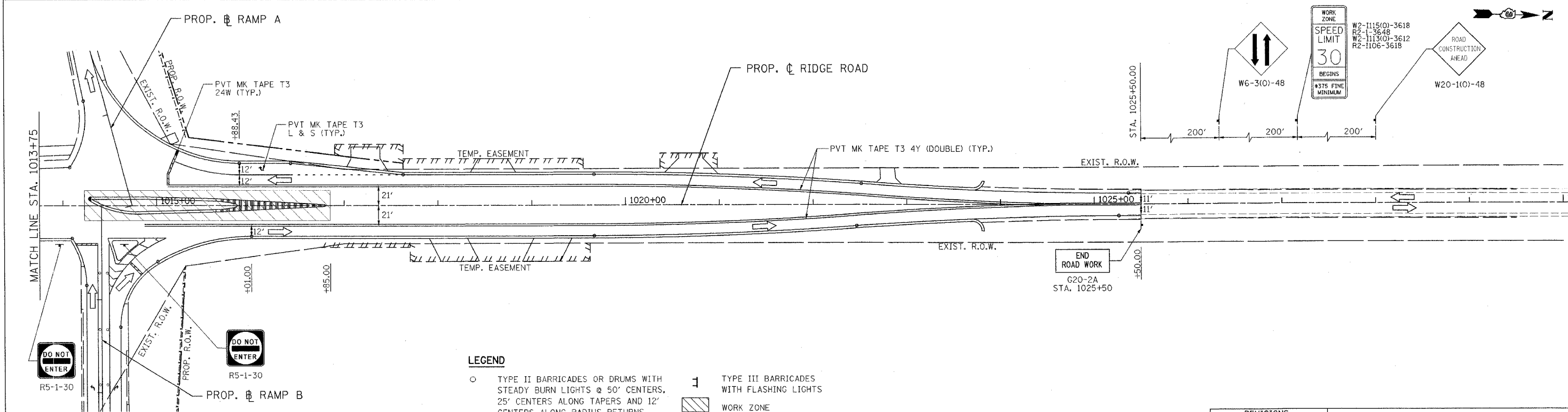
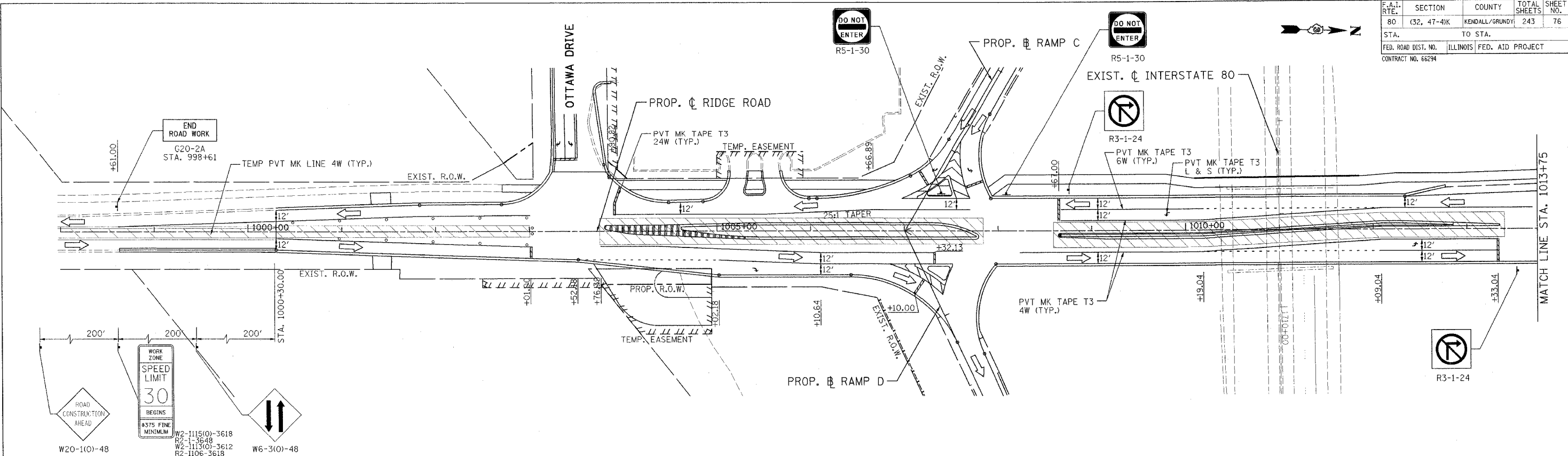
PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



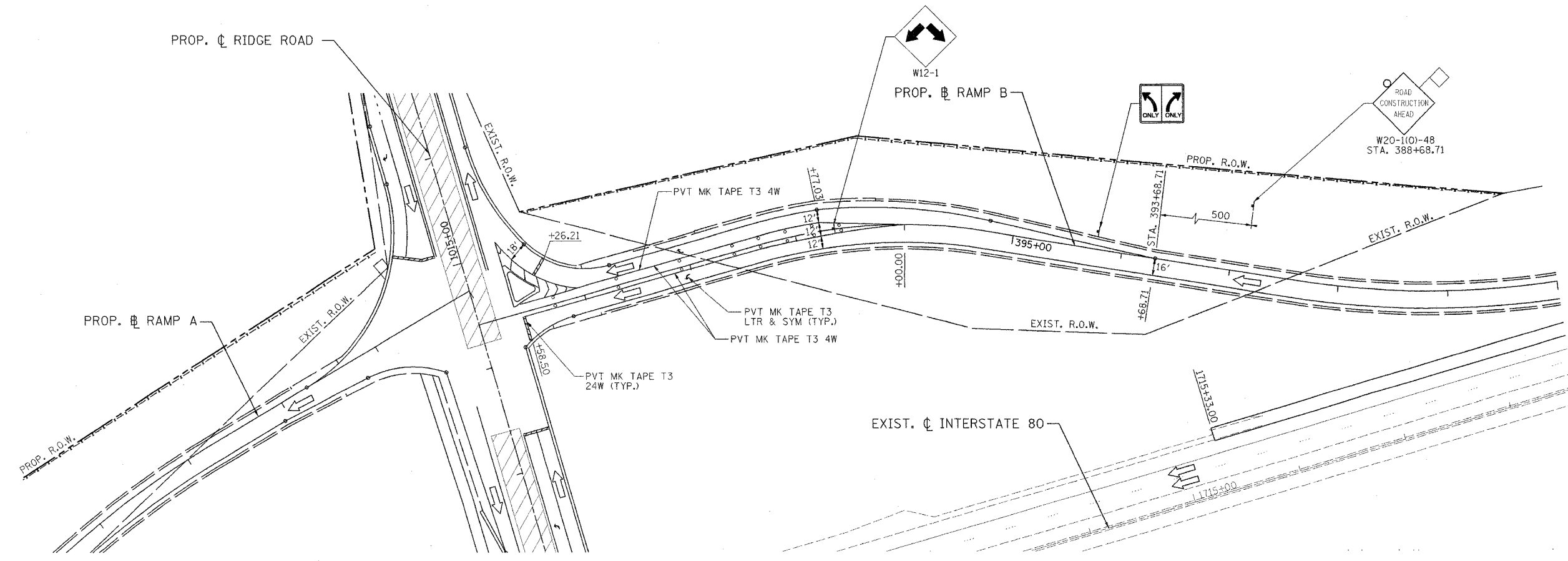
- LEGEND**
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
 - ➔ TRAFFIC DIRECTION
 - ▬ VERTICAL PANEL WITH STEADY BURNING LIGHT
 - ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
 - ▨ WORK ZONE
 - ▨ TEMPORARY PAVEMENT
 - ➡ ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 3
 RIDGE ROAD
 STA. 1000+00 TO STA. 1025+50
 SCALE: 1/50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNY	243	77
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



LEGEND

- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHTS @ 50' CENTERS, 25' CENTERS ALONG TAPERS AND 12' CENTERS ALONG RADIUS RETURNS
- ➔ TRAFFIC DIRECTION
- ⚡ VERTICAL PANEL WITH STEADY BURNING LIGHT
- ⊥ TYPE III BARRICADES WITH FLASHING LIGHTS
- ▨ WORK ZONE
- ▤ TEMPORARY PAVEMENT
- ➡ ARROW BOARD

REVISIONS	
NAME	DATE

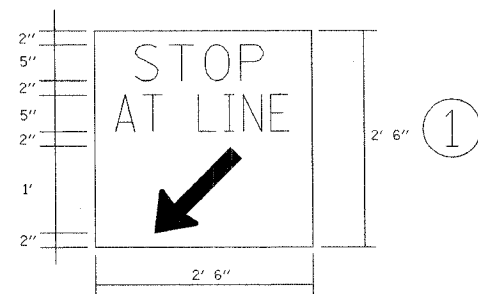
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
 STAGE 3
 RAMP B
 STA. 381+33.22 TO STA. 400+00
 SCALE: 1:50
 DATE: 2/10/06
 DRAWN BY: MAT
 CHECKED BY: JJC

MOT-30 OF 31

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

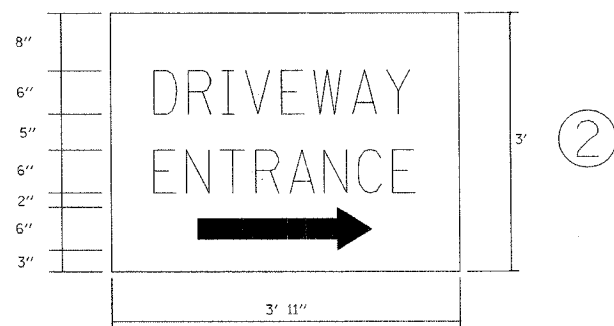
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				

SIGN LEGEND:



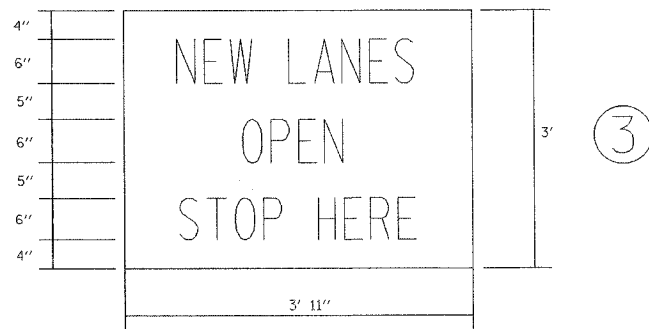
AT SIDE ROADS
(MOUNTED SEPARATELY)
(6.25 SQ FT)

NOTE:
SIGN SHALL BE BLACK ON ORANGE
REFLECTIVE BACKGROUND



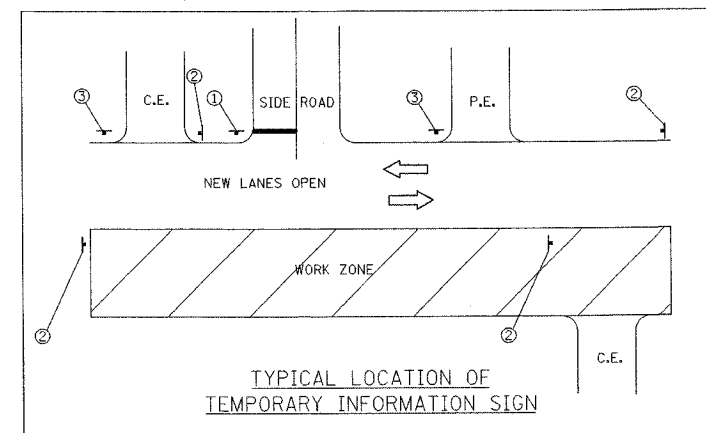
AT COMMERCIAL ENTRANCES
(11.75 SQ FT)

NOTE:
SIGN SHALL BE GREEN ON WHITE REFLECTIVE
BACKGROUND WITH .50 in. BORDER.
TWO SIGNS SHALL BE USED AT EACH COMMERCIAL
DRIVEWAY AS DIRECTED BY THE ENGINEER.
HALF OF THE SIGNS SHALL REQUIRE THE ARROW
TO POINT TO THE LEFT AND THE OTHER HALF
TO THE RIGHT (AS SHOWN).

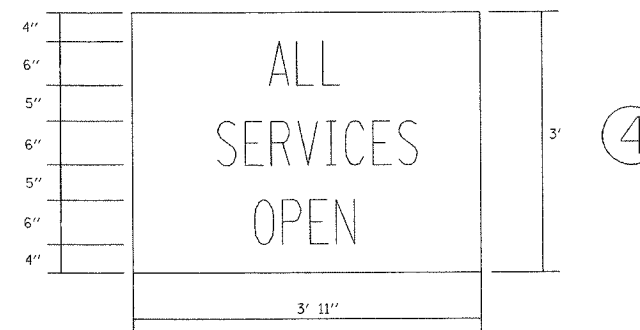


AT ENTRANCES
(11.75 SQ FT)

NOTE:
SIGN SHALL BE BLACK ON ORANGE
REFLECTIVE BACKGROUND

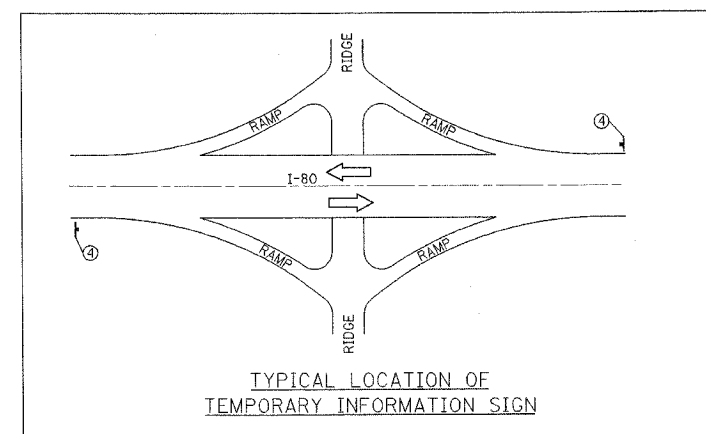


TYPICAL LOCATION OF
TEMPORARY INFORMATION SIGN



ON I-80
(11.75 SQ FT)

NOTE:
SIGN SHALL BE BLACK ON ORANGE
REFLECTIVE BACKGROUND



TYPICAL LOCATION OF
TEMPORARY INFORMATION SIGN

SEE SPECIAL PROVISION FOR "TEMPORARY
INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN.

REVISIONS	
NAME	DATE

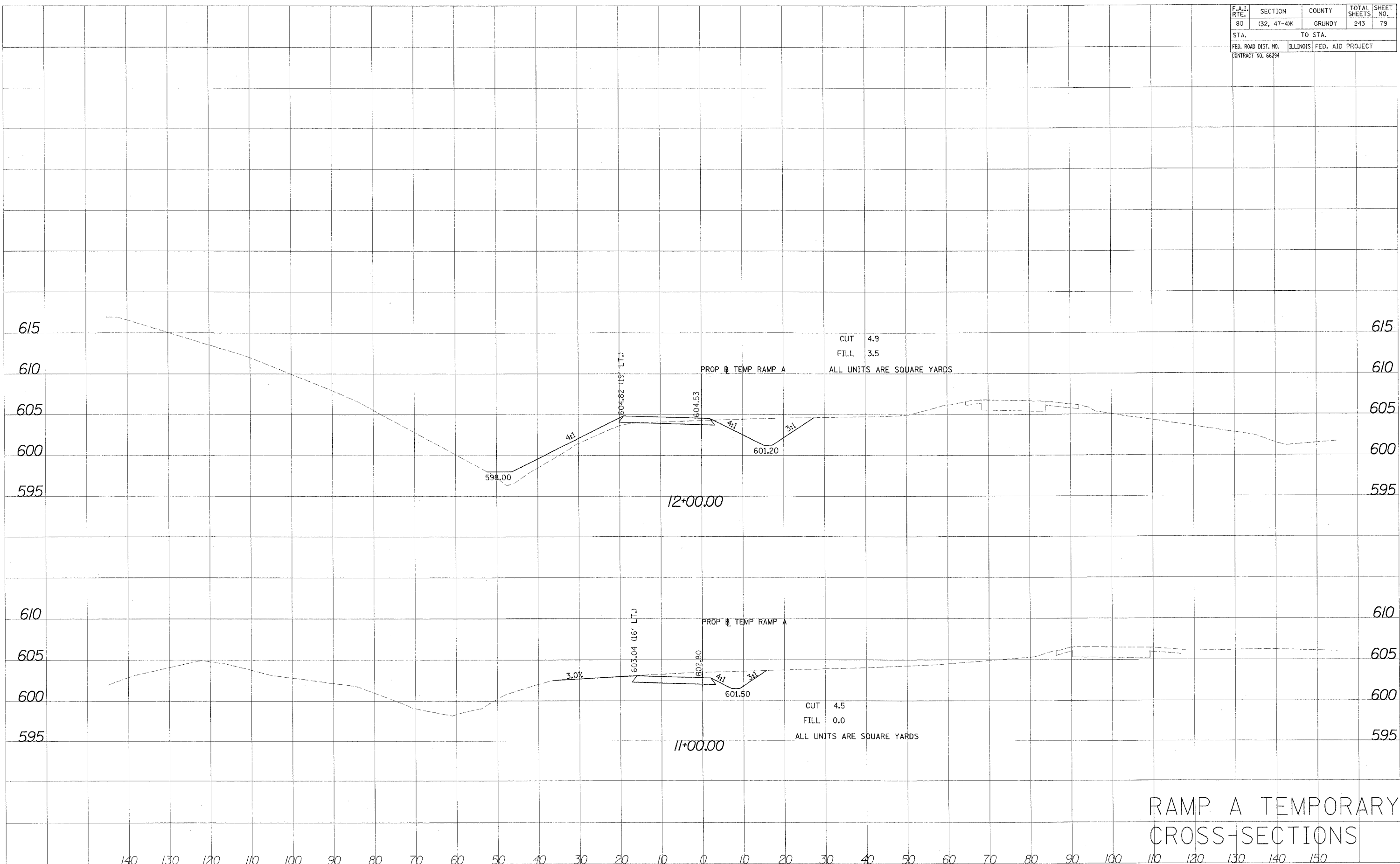
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
SUGGESTED STAGING OF CONSTRUCTION
& TRAFFIC CONTROL
TEMPORARY INFORMATION SIGN DETAIL

SCALE: 1:50
DATE: 2/10/06
DRAWN BY: MAT
CHECKED BY: JJC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	GRUNDY	243	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

DATE	BY

DATE	BY



RAMP A TEMPORARY CROSS-SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	132, 47-41K	GRUNDY	243	80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

BY	DATE

NO.	AREAS CHECKED

NO.	NOTE BOOK

NO.	PLATE

NO.	DATE

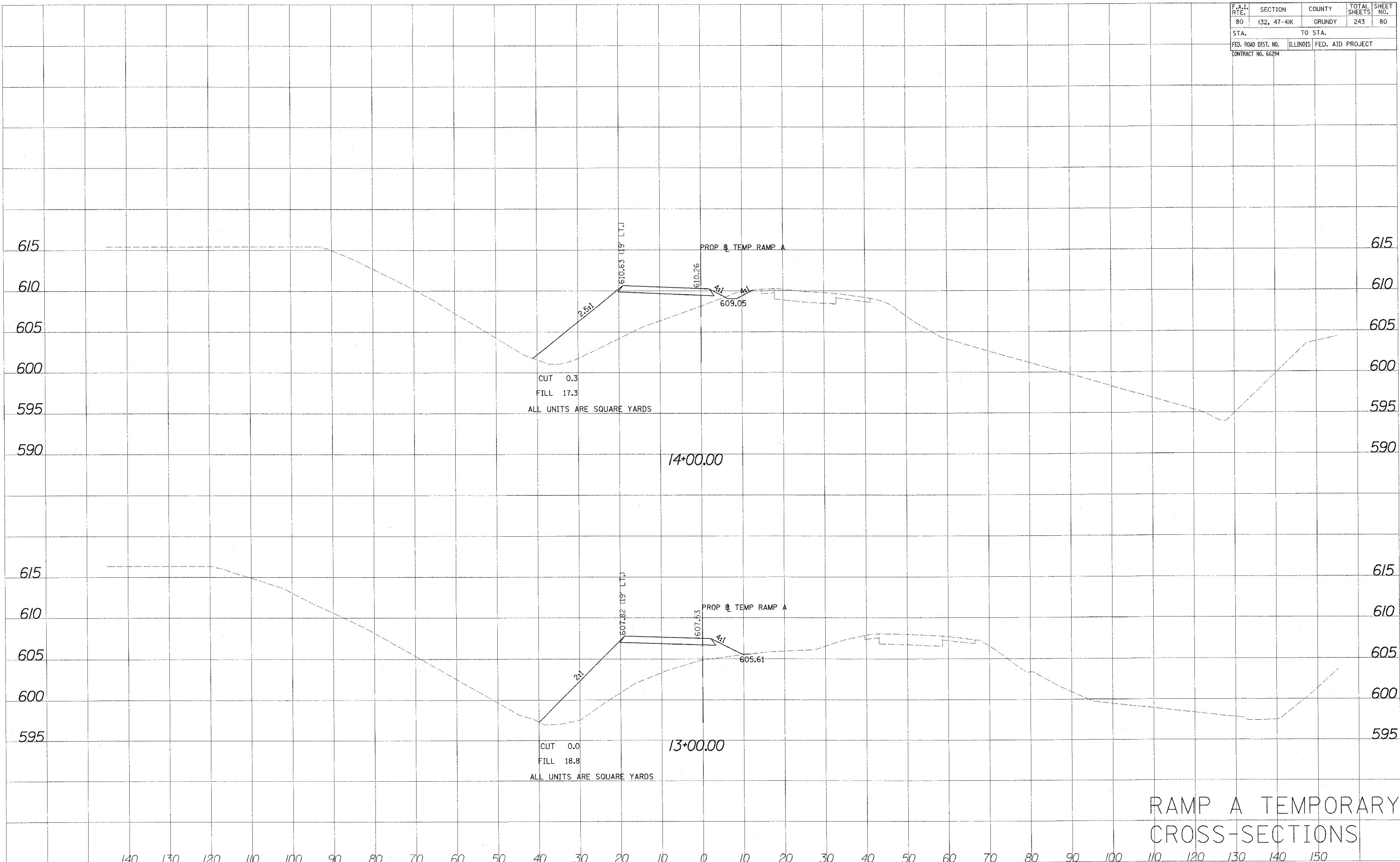
BY	DATE

NO.	AREAS CHECKED

NO.	NOTE BOOK

NO.	PLATE

NO.	DATE



RAMP A TEMPORARY CROSS-SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	84
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

EROSION CONTROL GENERAL NOTES

1. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT ILR10.
2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
4. ALL DISRUPTED AREAS SHALL BE SEEDED IF THEY WILL BE LEFT FOR MORE THAN 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. ERODABLE AREAS OUTSIDE AND DOWN SLOPE FROM THE CONSTRUCTION LIMITS SHALL BE SIMILARLY SEEDED.
5. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
6. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
7. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
8. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
9. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
10. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
11. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
12. THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
13. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

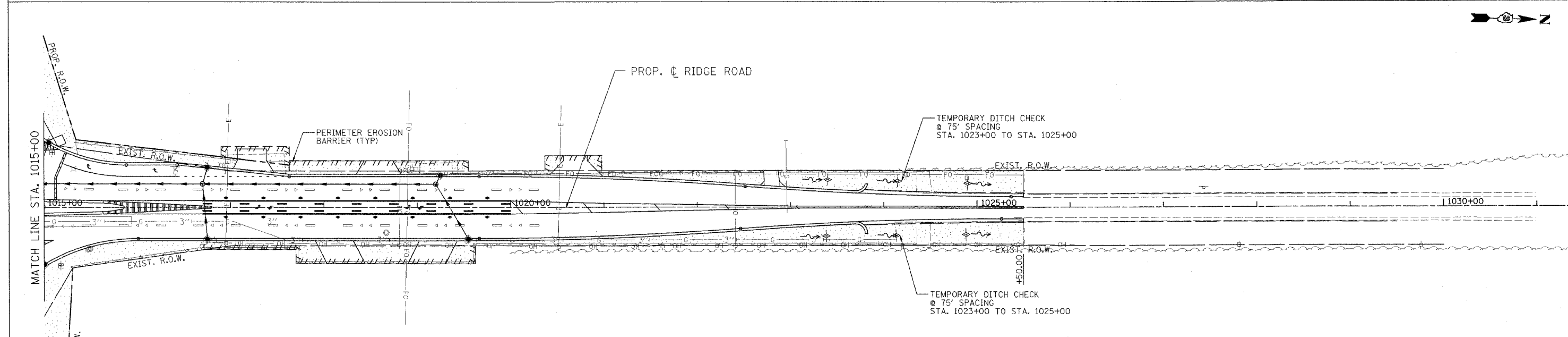
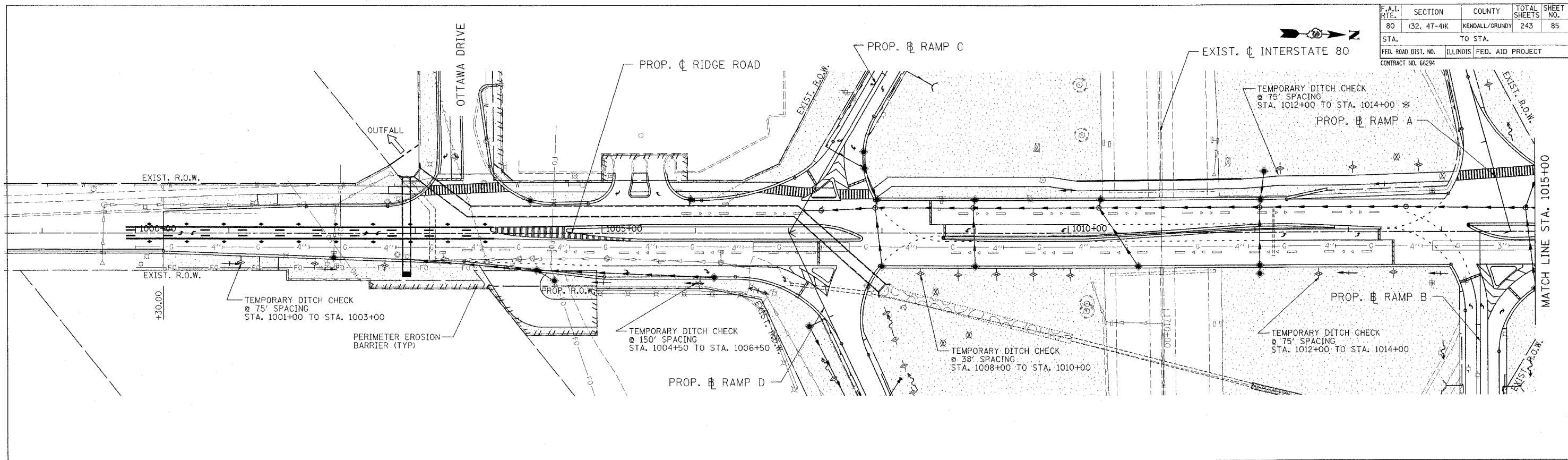
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

STORM WATER POLLUTION PREVENTION PLAN
GENERAL NOTES

SCALE: 1:50
DATE: 2/10/06
DRAWN BY: DES
CHECKED BY: JJC

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	85
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66294				



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING (28000250)
 - PERIMETER EROSION BARRIER (28000400)
 - TEMPORARY DITCH CHECKS (28000300)
 - INLET AND PIPE PROTECTION (28000500)
 - TEMPORARY FENCE (20101000)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

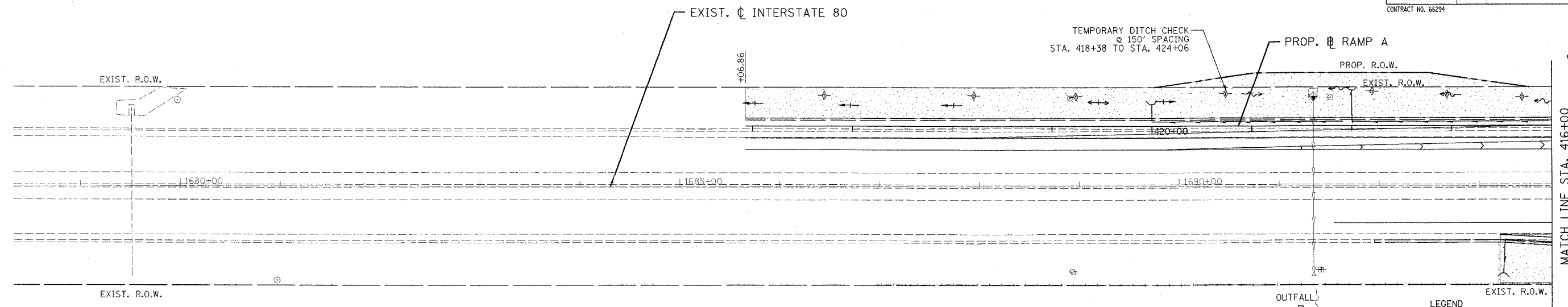
STORM WATER POLLUTION PREVENTION PLAN
 RIDGE ROAD STA. 1000+00 TO STA. 1030+00

SCALE: 1:50
 DATE: 2/10/06

DRAWN BY: DES
 CHECKED BY: JJC

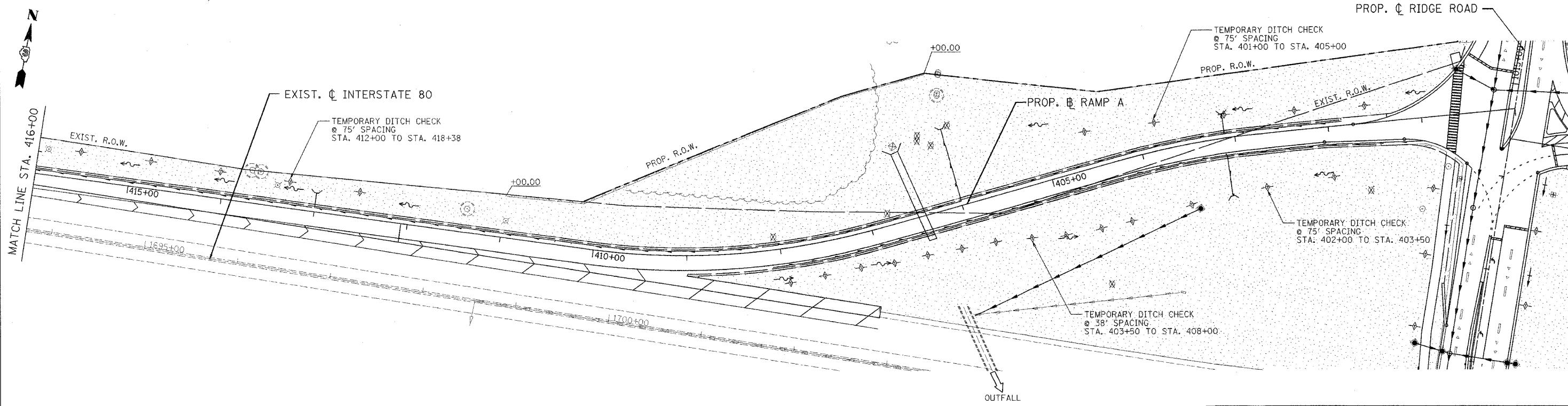
PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GROUNY	243	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



LEGEND

- TEMPORARY EROSION CONTROL SEEDING (28000250)
- PERIMETER EROSION BARRIER (28000400)
- TEMPORARY DITCH CHECKS (28000300)
- INLET AND PIPE PROTECTION (28000500)
- TEMPORARY FENCE (20101000)



REVISIONS		NAME	DATE
NO.	DESCRIPTION		

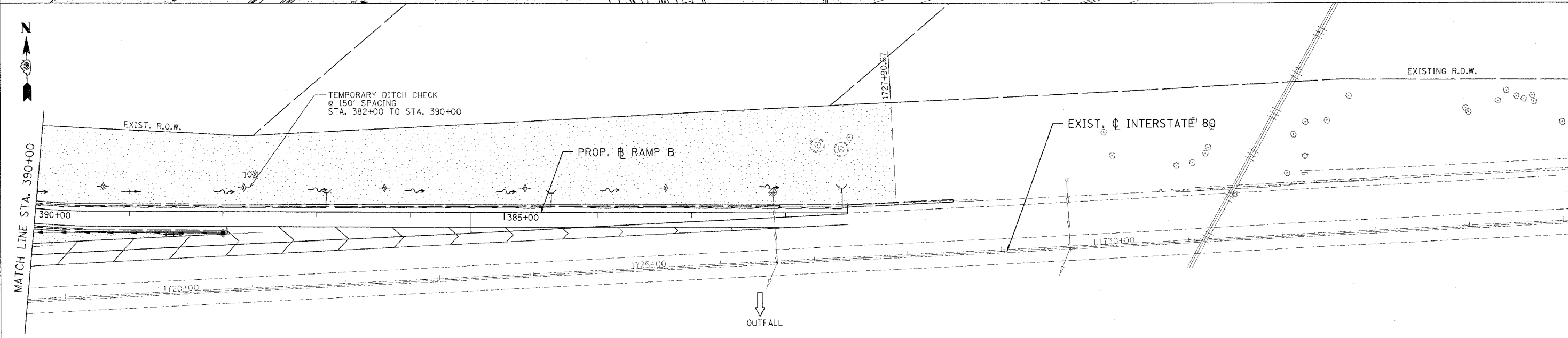
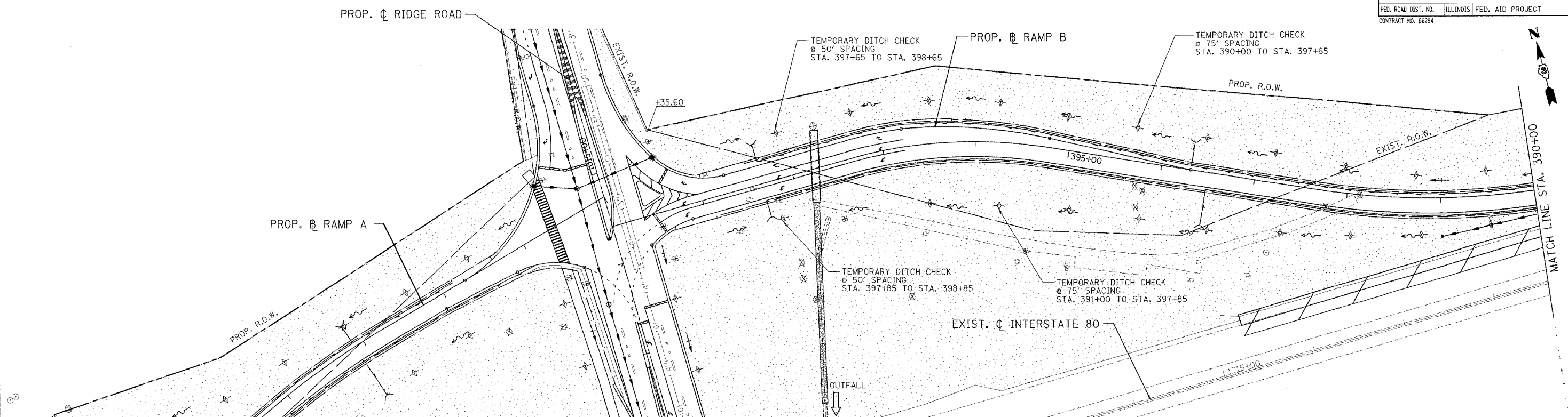
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)

STORM WATER POLLUTION PREVENTION PLAN
BEGINNING OF RAMP A TO STA. 425+00

SCALE: 1"=50' DRAWN BY: DES
DATE: 2/10/06 CHECKED BY: JJC

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	132, 47-41K	KENDALL/GRUNDY	243	87
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



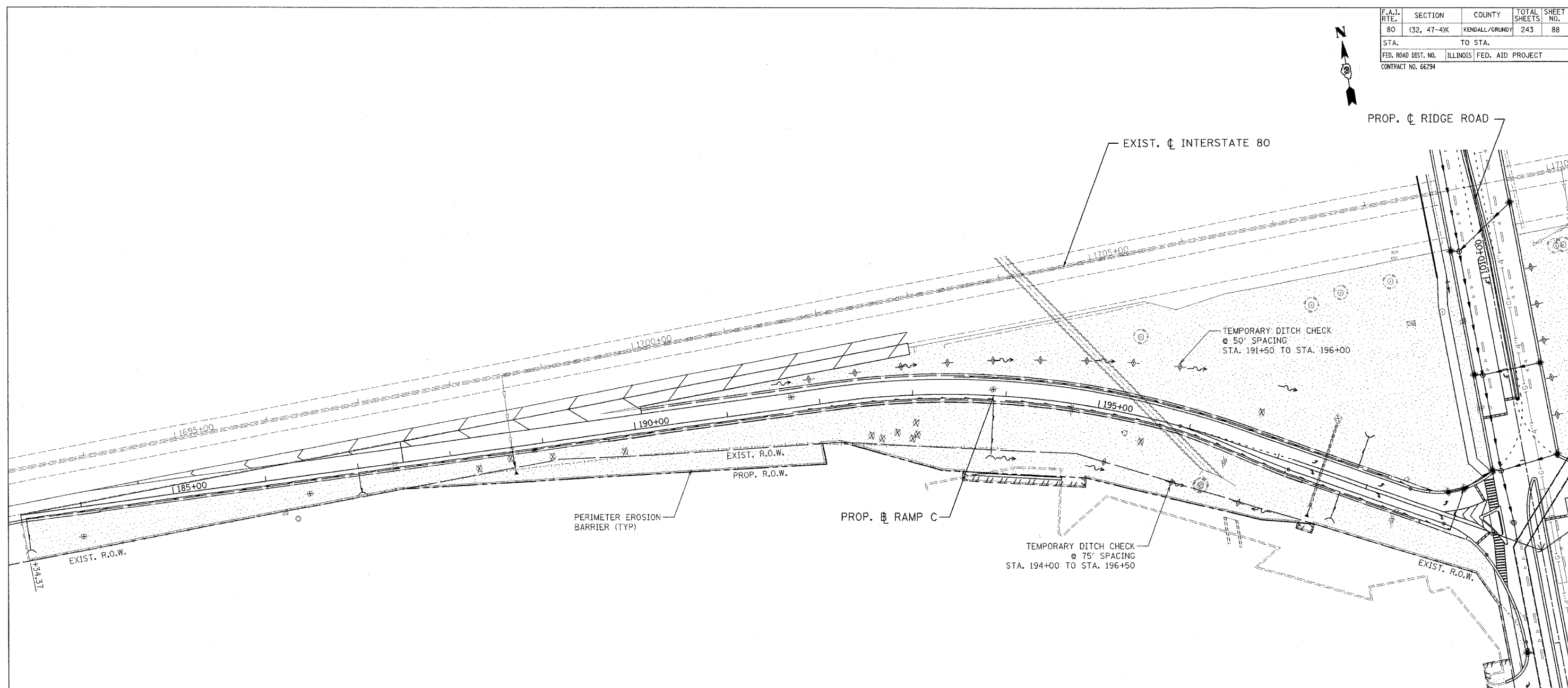
- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING (28000250)
 - PERIMETER EROSION BARRIER (28000400)
 - TEMPORARY DITCH CHECKS (28000300)
 - INLET AND PIPE PROTECTION (28000500)
 - TEMPORARY FENCE (20101000)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 STORM WATER POLLUTION PREVENTION PLAN
 RAMP B STA. 400+00 TO STA. 390+00
 SCALE: 1/50
 DATE: 2/10/06
 DRAWN BY: DES
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	88
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



LEGEND

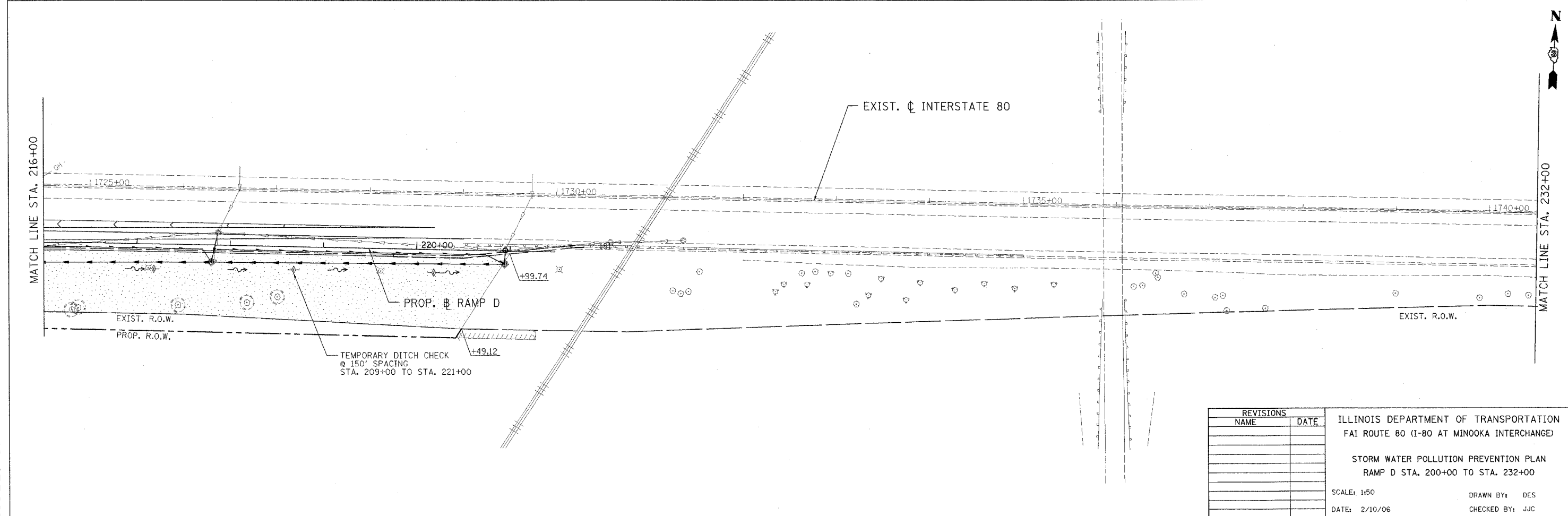
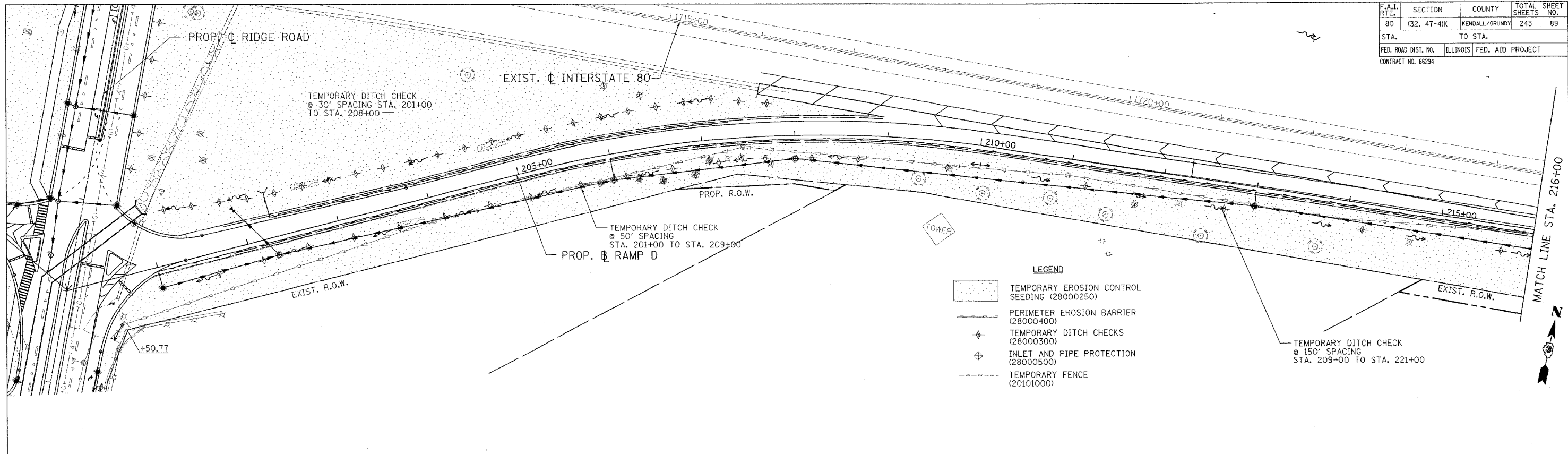
	TEMPORARY EROSION CONTROL SEEDING (28000250)
	PERIMETER EROSION BARRIER (28000400)
	TEMPORARY DITCH CHECKS (28000300)
	INLET AND PIPE PROTECTION (28000500)
	TEMPORARY FENCE (20101000)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 STORM WATER POLLUTION PREVENTION PLAN
 RAMP C STA. 186+50 TO STA. 200+00
 SCALE: 1/50
 DATE: 2/10/06
 DRAWN BY: DES
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



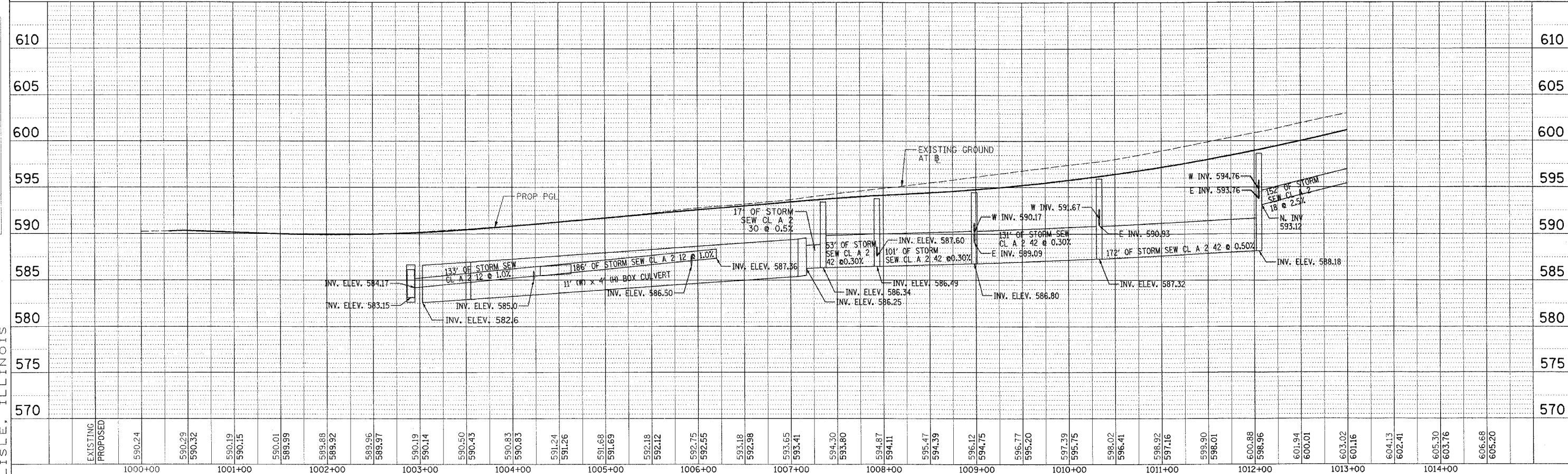
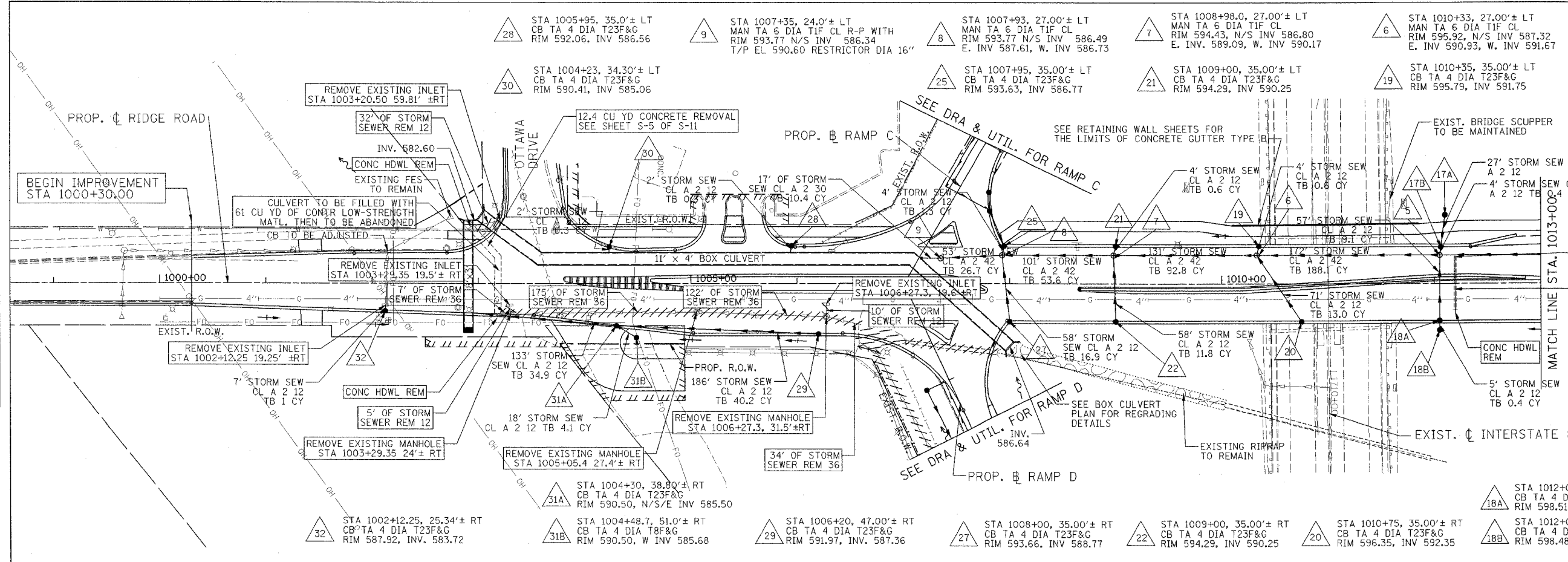
REVISIONS		NAME	DATE
NO.	DESCRIPTION		

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
 STORM WATER POLLUTION PREVENTION PLAN
 RAMP D STA. 200+00 TO STA. 232+00

SCALE: 1/50
 DATE: 2/10/06
 DRAWN BY: DES
 CHECKED BY: JJC

PATRICK
 ENGINEERING INC.
 LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	90
STA. 1000+00		TO STA. 1013+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

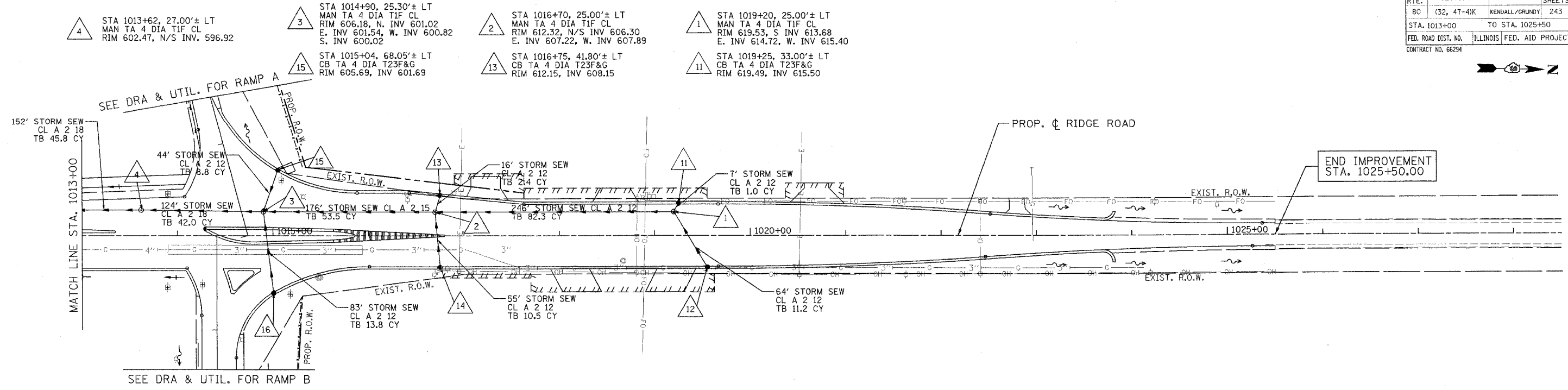


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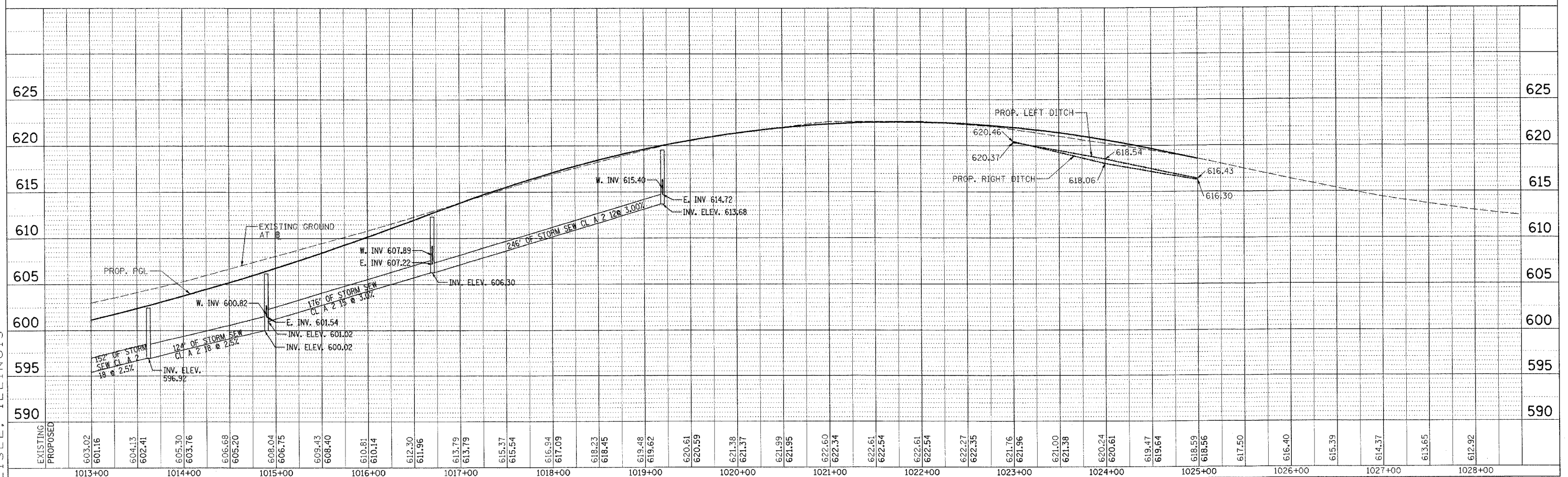
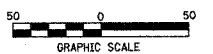
DATE	BY	REVISION

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	91
STA. 1013+00 TO STA. 1025+50				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 66294				



- △ 16 STA 1015+00, 60.19'± RT
CB TA 4 DIA T23F&G
RIM 606.61, INV 602.60
- △ 14 STA 1016+75, 33.00'± RT
CB TA 4 DIA T23F&G
RIM 612.33, INV 608.30
- △ 12 STA 1019+55, 33.00'± RT
CB TA 4 DIA T23F&G
RIM 620.02, INV 616.00



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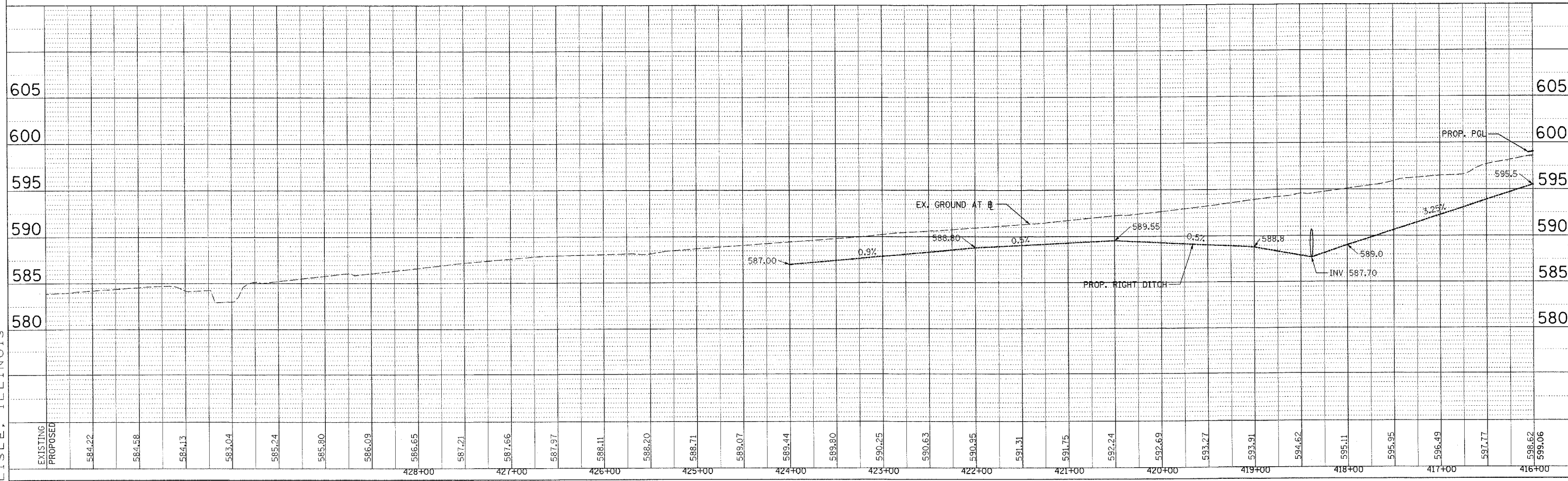
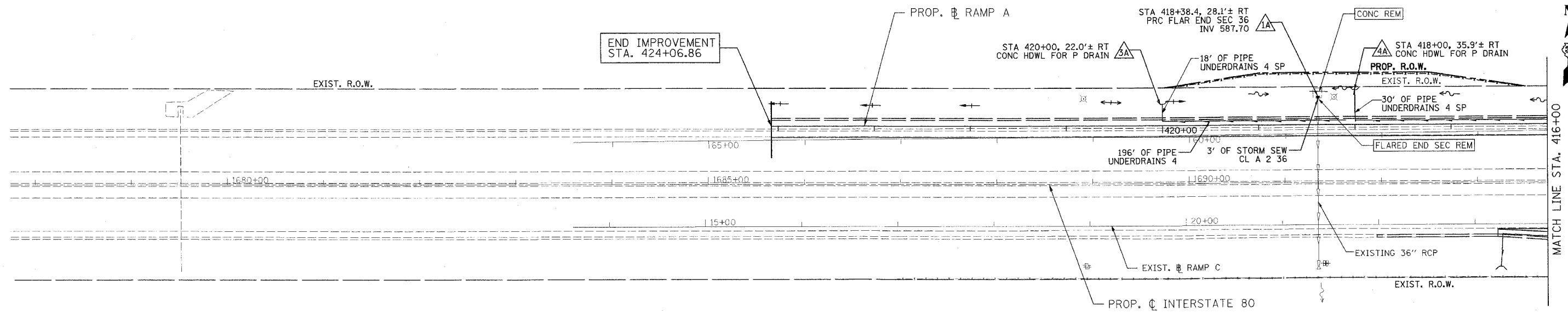
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PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GRUNDY	243	92
STA. 424+06.86		TO STA. 416+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

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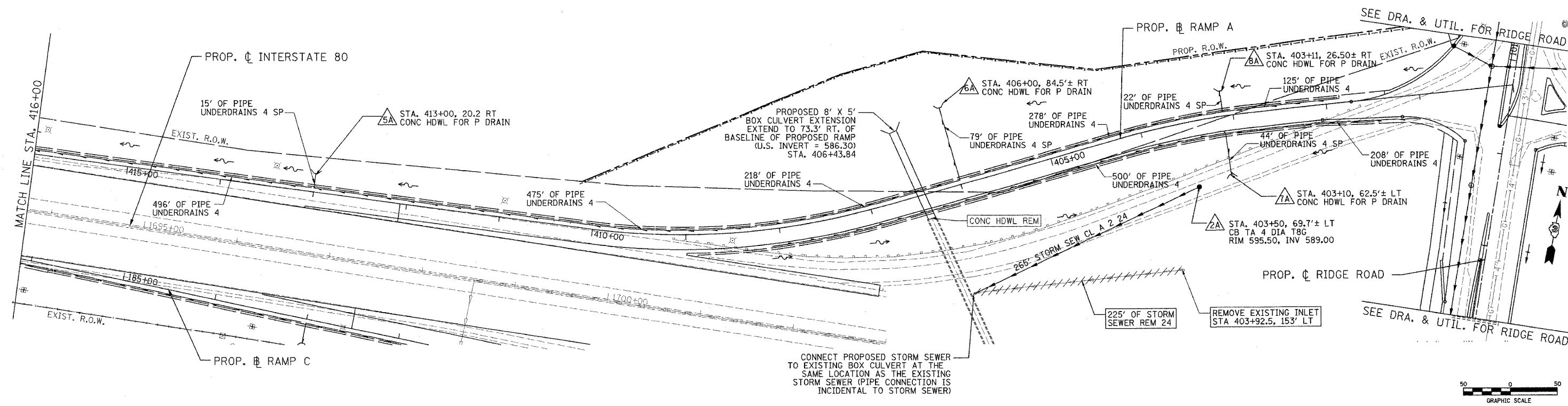
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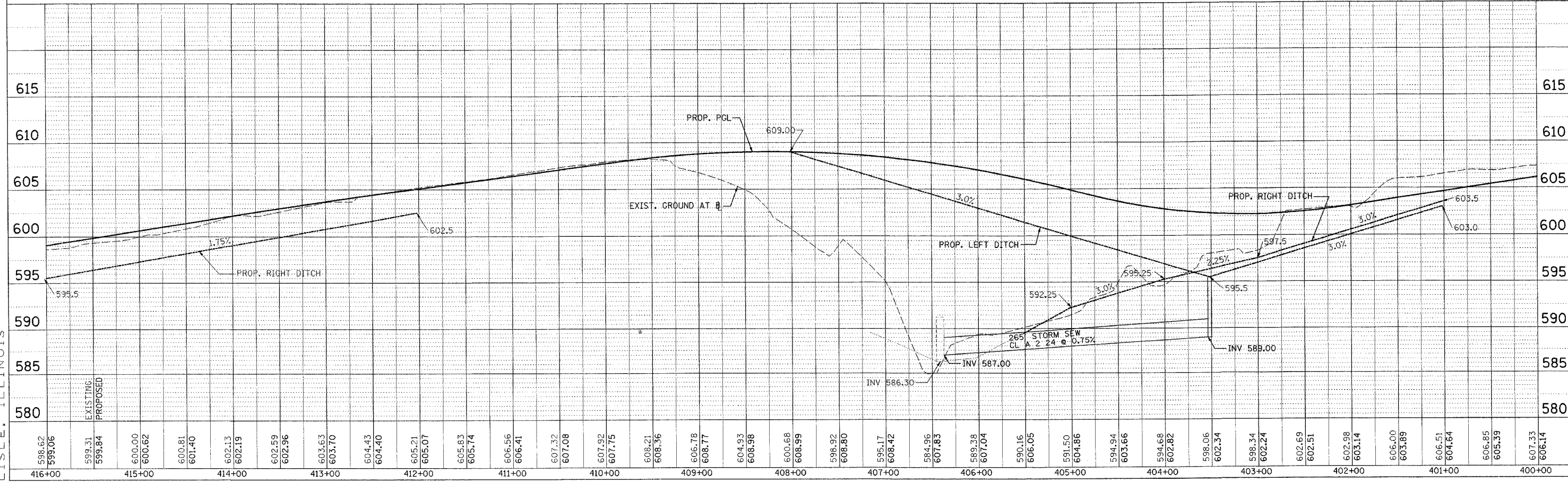
PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	132, 47-41K	KENDALL/GROUNDY	243	93
STA. 416+00		TO STA. 400+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

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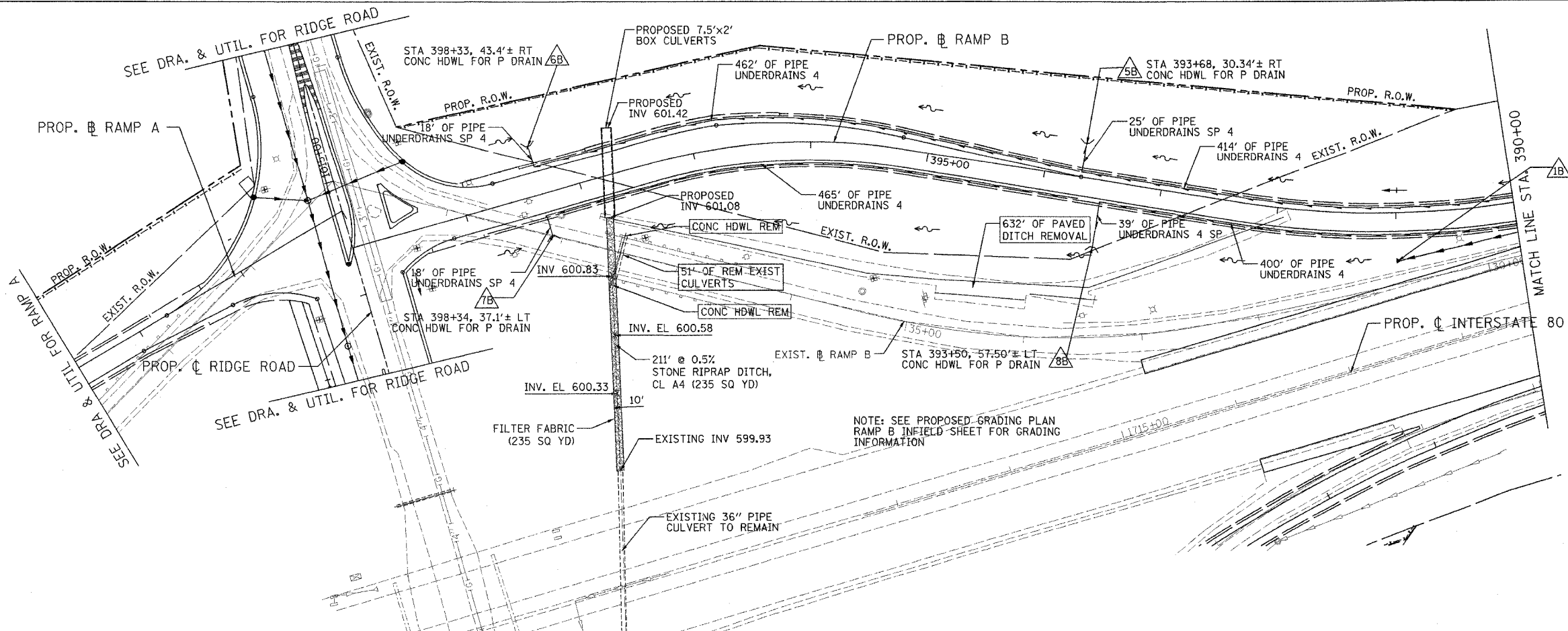
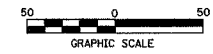


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PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	94
STA. 400+00		TO STA. 390+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				

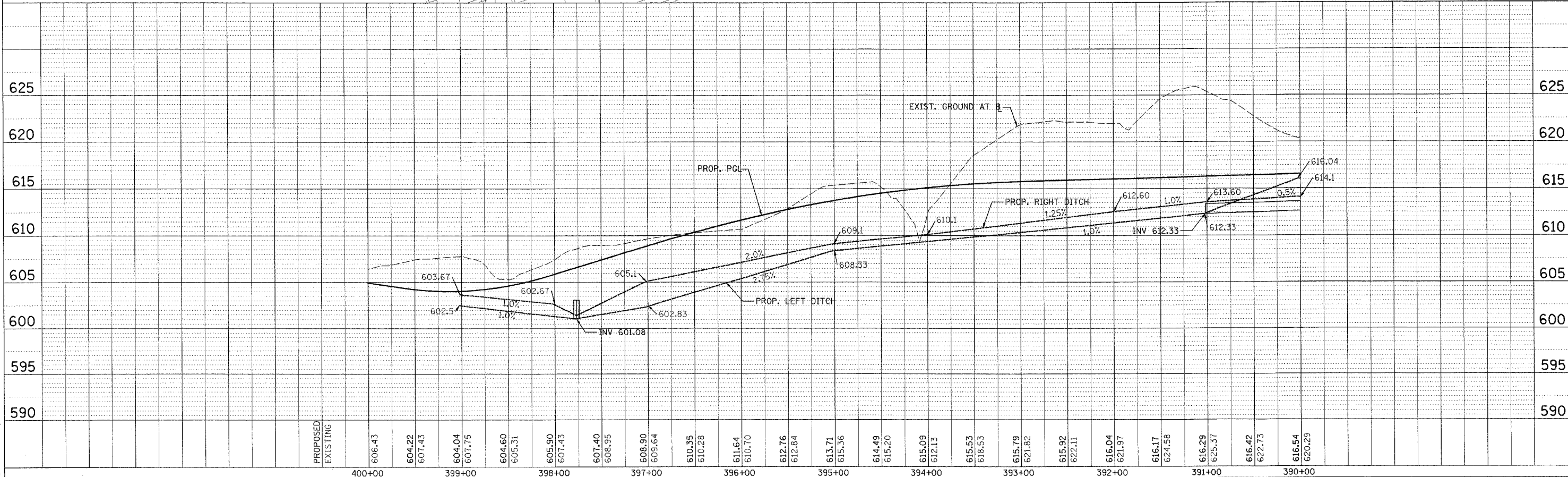


NOTE: SEE PROPOSED GRADING PLAN RAMP B IN FIELD SHEET FOR GRADING INFORMATION

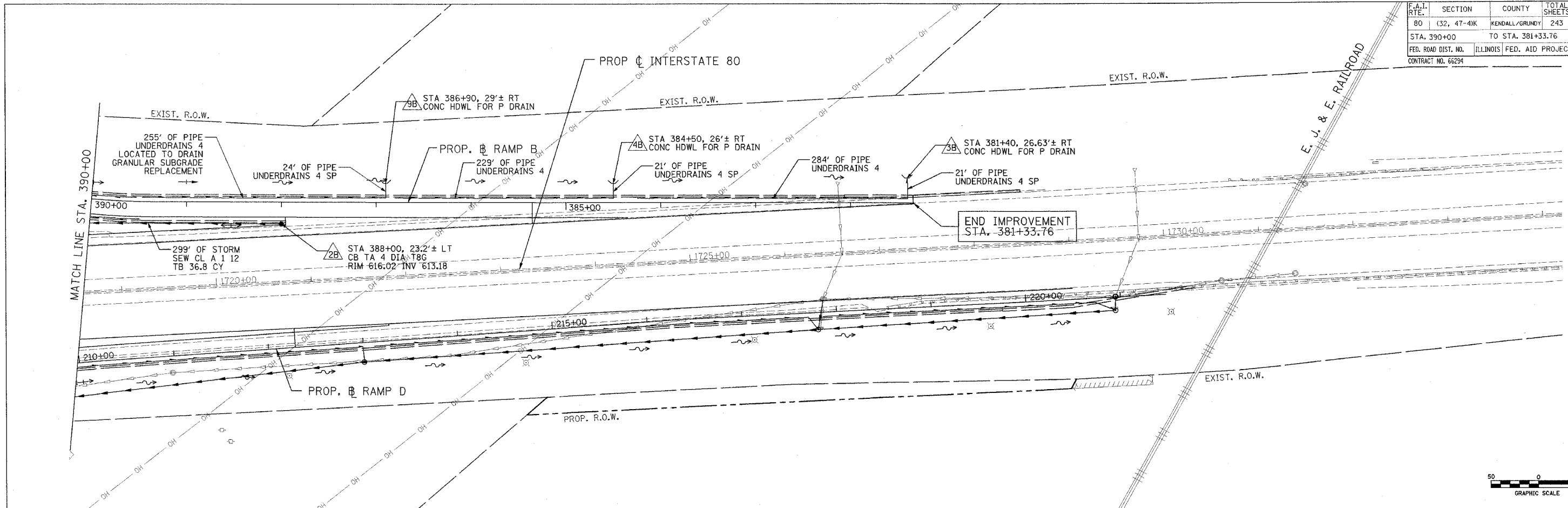
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LISLE, ILLINOIS

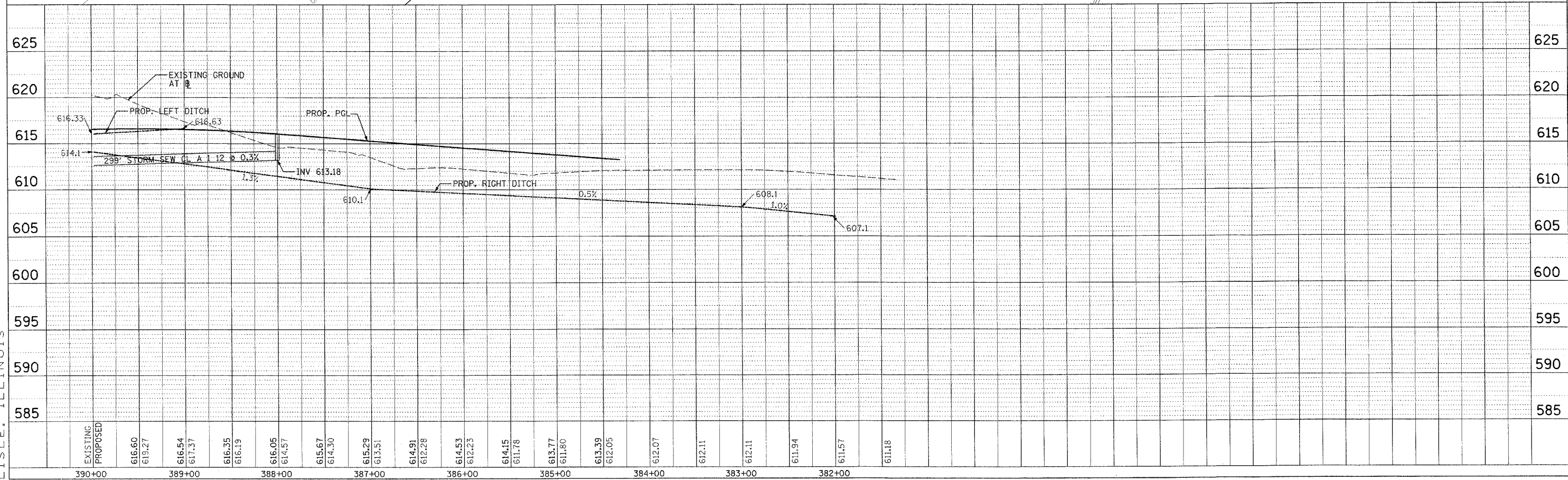


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	95
STA. 390+00		TO STA. 381+33.76		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



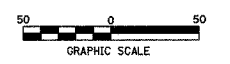
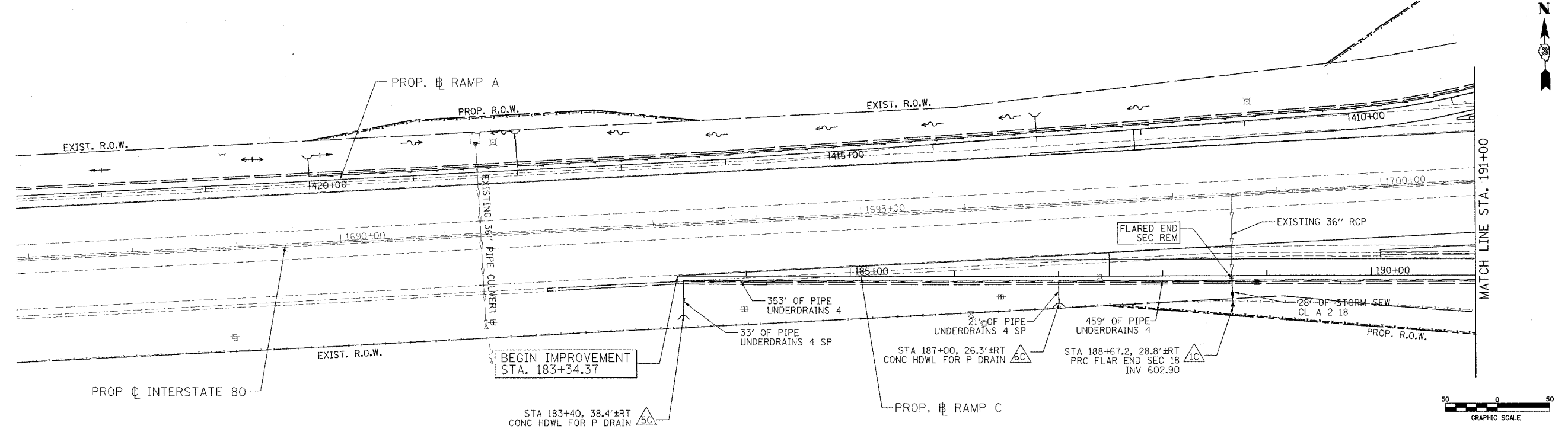
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PROFILE	SUBMITTED	DATE
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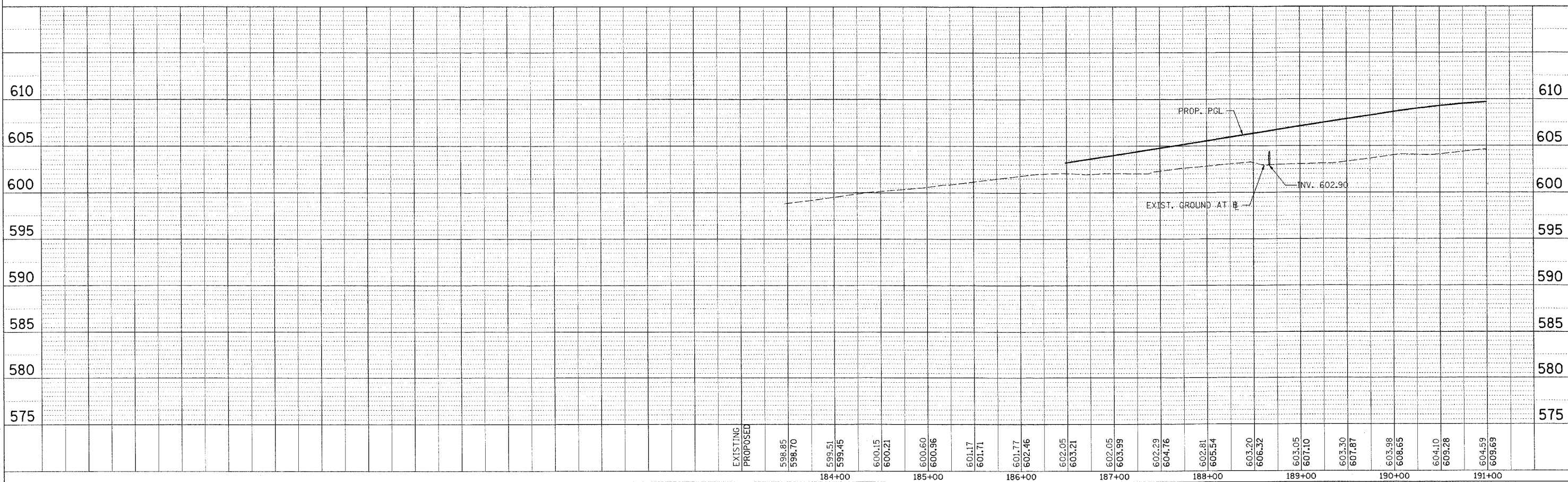
PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	96
STA. 183+34.37		TO STA. 191+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66294				



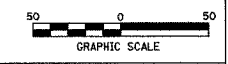
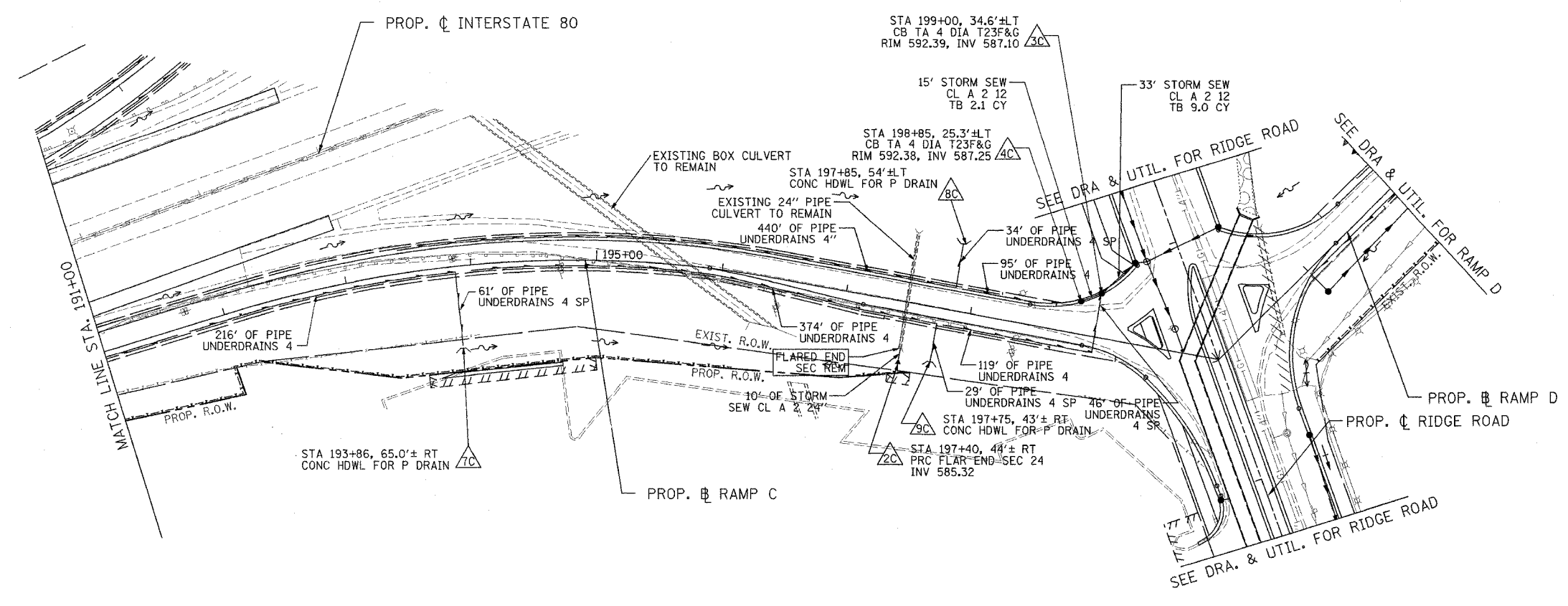
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PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

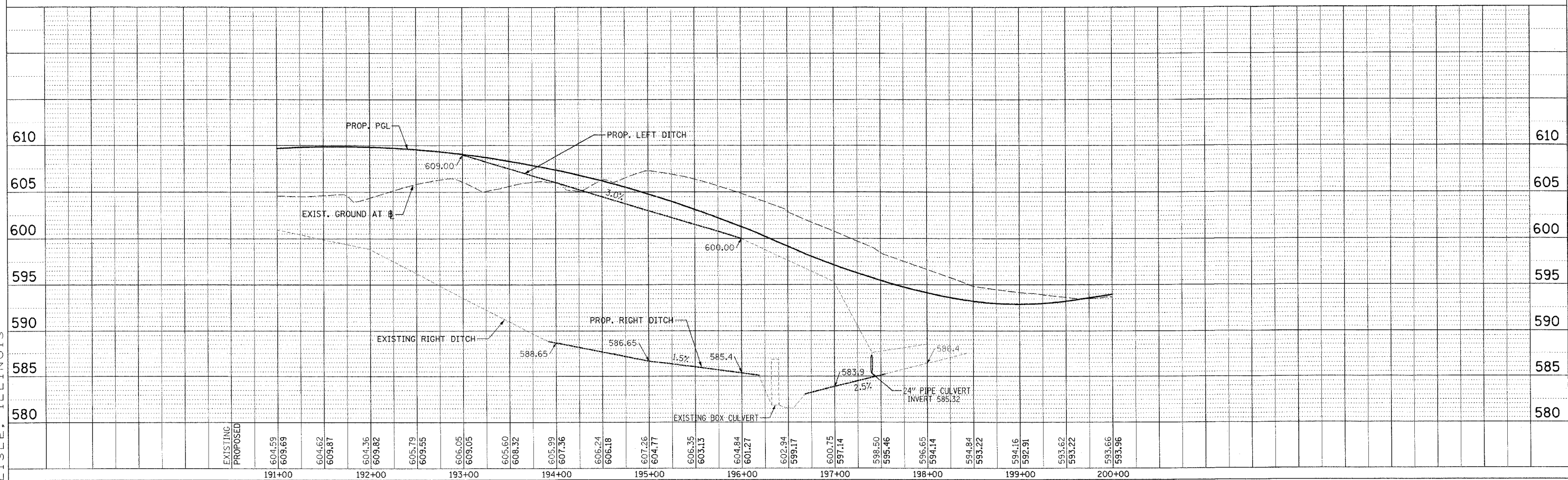
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GROUNDY	243	97
STA. 191+00		TO STA. 200+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



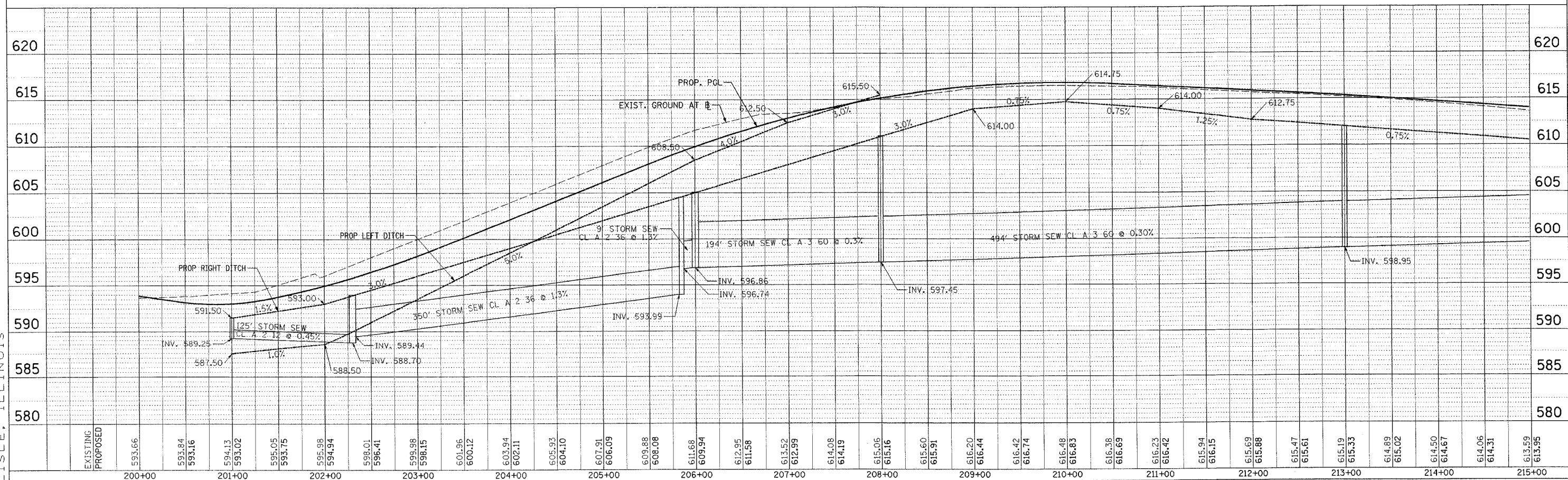
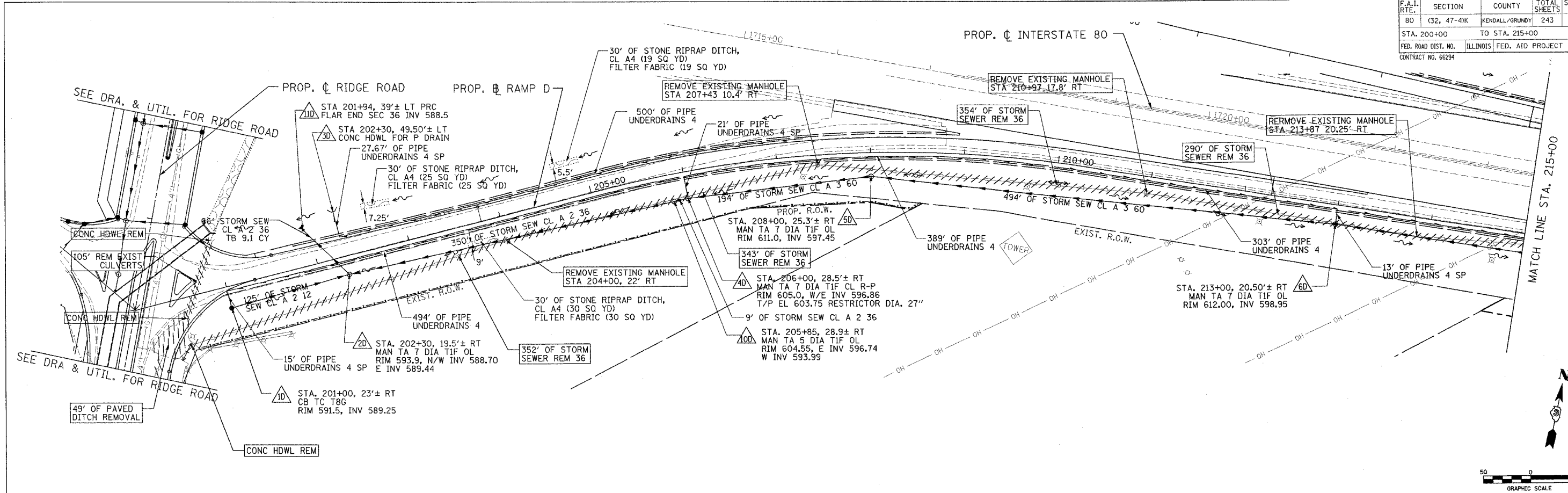
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PATRICK ENGINEERING INC.
LISLE, ILLINOIS



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-41K)	KENDALL/GRUNDY	243	98
STA. 200+00		TO STA. 215+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

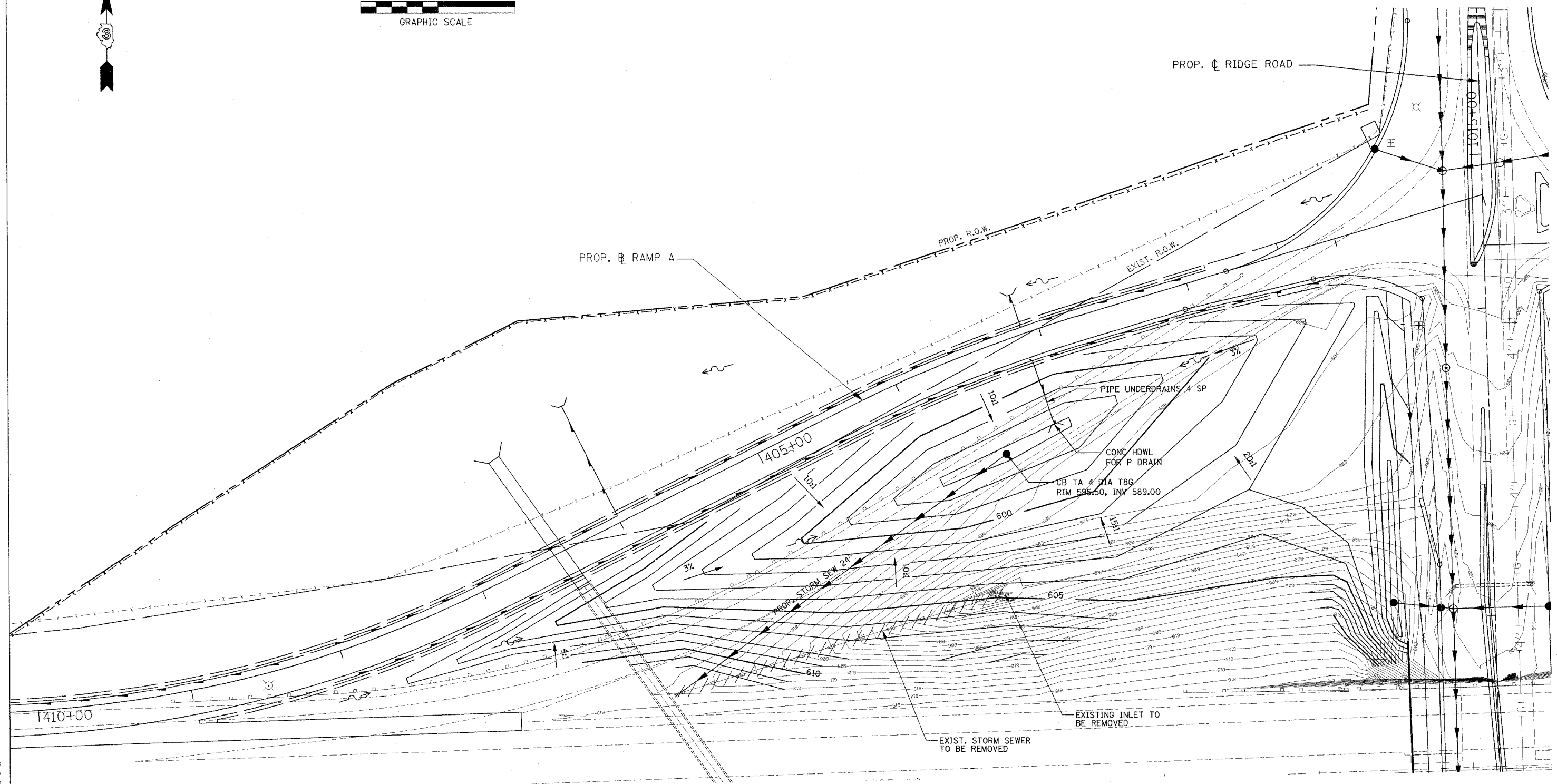
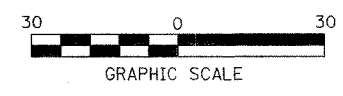


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PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	100
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
NAME	DATE	
		PROPOSED GRADING PLAN RAMP A INFIELD
SCALE: 1"=30'		DRAWN BY: SRL CHECKED BY: TKL
DATE: 2/10/06		

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS