

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

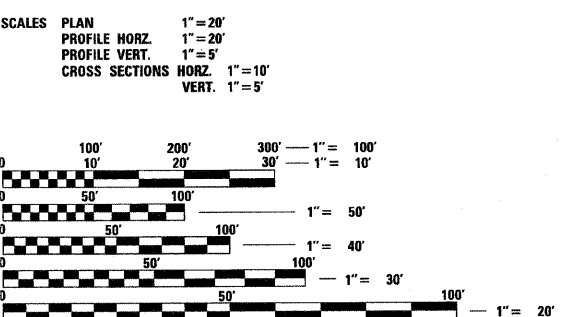
PROJECT LOCATED IN THE CITY OF AURORA

ADT: 21,000 (2006) 35,000 (2030)
DESIGN SPEED LIMIT: 45 MPH
POSTED SPEED LIMIT: 35 MPH
DESIGN DESIGNATION: 3356(30) MINOR ARTERIAL 3.04 (HMA-20)

OHIO STREET
ADT: 4,000 (2006) 6,000 (2030)
DESIGN SPEED LIMIT: 30 MPH
POSTED SPEED LIMIT: 25 MPH
DESIGN DESIGNATION: 642(30) LOCAL 0.22 (HMA-20)

AUTUMN LANE
ADT: 500 (2006) 700 (2030)
DESIGN SPEED LIMIT: 30 MPH
POSTED SPEED LIMIT: 25 MPH
DESIGN DESIGNATION: 70(30) LOCAL 0.02 (HMA-20)

TRASK STREET
ADT: 1,000 (2006) 2,000 (2030)
DESIGN SPEED LIMIT: 30 MPH
POSTED SPEED LIMIT: 25 MPH
DESIGN DESIGNATION: 200(30) LOCAL 0.07 (HMA-20)

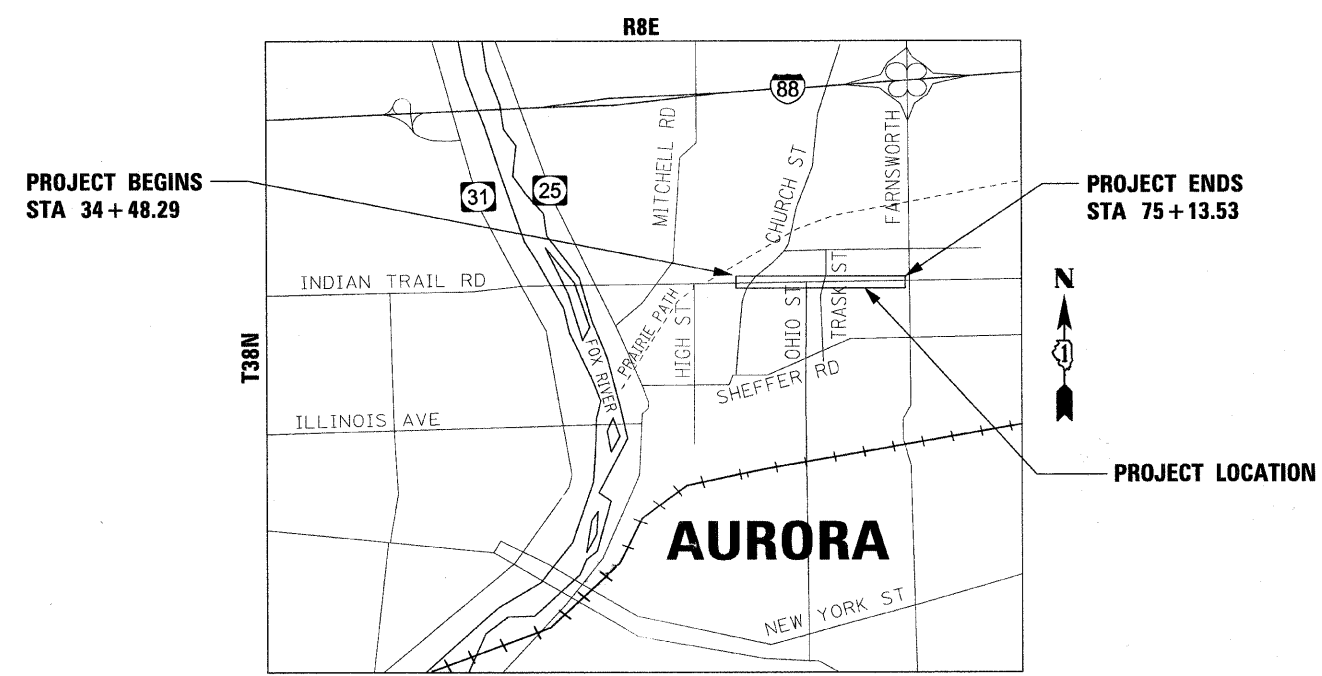
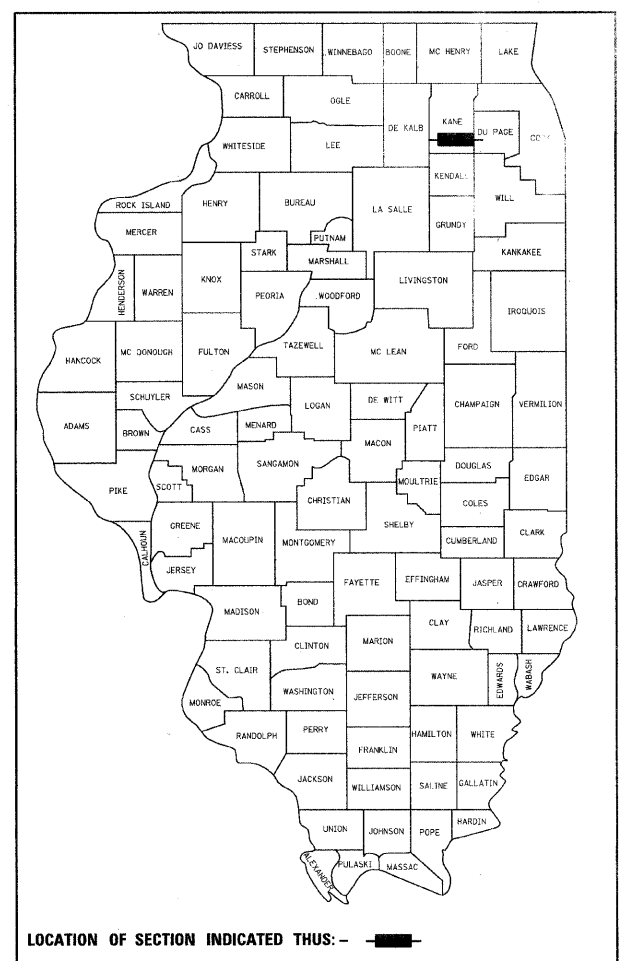


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 63095

F.A.U. ROUTE 1503 (INDIAN TRAIL ROAD)
RECONSTRUCTION AND SIGNALIZATION
BETWEEN CHURCH ROAD AND FARNSWORTH AVE
CITY OF AURORA
KANE COUNTY
SECTION 08-00260-01-PV
PROJECT NO: M-HPP-4085 (007)
JOB NO: C-91-426-08



AURORA TOWNSHIP
PROJECT NET AND GROSS LENGTH = 4065.24 LIN FT (0.77 MILE)
PROJECT LOCATED IN:
PART OF SECTIONS 10,11,14 AND 15 OF TOWNSHIP 38 NORTH RANGE 8 EAST
OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, ILLINOIS

STATE OF ILLINOIS

APPROVED *Kenneth Schwab*
1-7-09
CITY OF AURORA, CITY ENGINEER

APPROVED *John D. Paluyt*
1/7/09
FOX VALLEY PARK DISTRICT

PASSED *April 10, 2009*
Christina Helber
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW
April 10, 2009
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER



January 7, 2009
Timothy Chin
TIMOTHY CHIN
ILLINOIS REG. PROFESSIONAL ENGINEER NO. 062-056204
EXPIRATION DATE 11-30-2009



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

FIELD ENGINEER, MARILIN SOLOMON (847) 705-4407

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	2
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
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424001-05	CURB RAMPS FOR SIDEWALKS
602001-01	CATCH BASIN, TYPE A
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602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE B
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS GREATER OR EQUAL TO 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER OR EQUAL TO 45 MPH
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS GREATER OR EQUAL TO 45 MPH
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS, FOR SPEEDS GREATER OR EQUAL TO 45 MPH TO 55 MPH
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PLOT DATE = 1/15/2009
 FILE NAME = R:\A\Projects\122009\ITP\ITC\civil\Sheet\INDEX.dgn
 USER = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND
STATE STANDARDS
SHEET 1 OF 1

SCALE: VERT. N/A
HORIZ. N/A
DATE 1/7/09

DRAWN BY AWH
CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	3
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

- ALL REFERENCES TO REFER TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION DATED 2007 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS DATED 2009.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF AURORA.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE, PRIVATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DISTRICT ENGINEER.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM. (NGVD 1988)
- THE SCALE OF THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS (24" X 36") AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ALL UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS ARE LOCATED AT THEIR APPROXIMATE LOCATION. IT IS BELIEVED THAT THIS DATA IS ESSENTIALLY CORRECT, BUT THE DEPARTMENT AND OTHER AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. IN ACCORDANCE WITH SECTION 105.07 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY WHEN THE POTENTIAL EXISTS FOR INVOLVEMENT AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. FOR REGULATED UTILITY LOCATIONS, THE CONTRACTOR SHALL CONTACT THE JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS, "J.U.L.L.E." AT 1-800-892-0123. LOCAL GOVERNMENT AGENCIES SHOULD BE CONTACTED BY THE CONTRACTOR FOR THE LOCATION OF ALL NON-REGULATED UTILITY LOCATIONS. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN & PROTECT EXISTING UTILITIES, SEWER, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. THE CONTRACTOR SHALL PROTECT EXISTING OR NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- PRIOR TO INITIATION OF CONSTRUCTION, THE CONTRACTOR WILL COORDINATE WITH THE LOCAL AGENCIES TO ENSURE CONTINUOUS EMERGENCY SERVICE DURING THE CONSTRUCTION PHASE OF THE PROJECT.
- CITY OF AURORA NEW POLICE STATION:
THE CITY OF AURORA IS CURRENTLY UNDER CONSTRUCTION ON THEIR NEW POLICE HEADQUARTERS AND BRANCH COURT FACILITY LOCATED WITHIN THE PROJECT LIMITS. IT IS EXPECTED THAT THE SITE WILL BE UNDER CONSTRUCTION THROUGH 2009. THE CONSTRUCTION SITE OF THE POLICE HEADQUARTERS AND BRANCH COURT FACILITY IS EXPECTED TO HAVE A SIGNIFICANT AMOUNT OF CONSTRUCTION TRAFFIC IN AND OUT OF THE SITE. THE INDIAN TRAIL ROAD CONTRACTOR IS EXPECTED TO MAINTAIN ACCESS TO THE POLICE STATION SITE AT ALL TIME

CURB AND GUTTER PROTECTION

- CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT THE NEWLY CONSTRUCTED CURBS. CONTRACTOR SHALL NOT CROSS CURB AND GUTTER WITH VEHICLES OR CONSTRUCTION EQUIPMENT WITHOUT PROVIDING ADEQUATE PROTECTION TO THE CURB AND GUTTER. CURB PROTECTION SHALL BE IN SUCH A MANNER TO ASSURE THAT THERE IS NO DIRECT CONTACT WITH THE WHEELS/TRACKS AND THE CURB AND GUTTER. CONTRACTOR SHALL LIMIT TO ONE CROSSING PER 1000' OF ROADWAY OR AS APPROVED BY THE ENGINEER. ANY DAMAGE TO THE NEW CURB AND GUTTER AS A RESULT OF THE CONTRACTORS OPERATIONS WILL BE REPLACED AT NO EXPENSE TO THE CONTRACT. DAMAGED AREAS WILL INCLUDE GOUGES, CRACKS, CHIPS, AND BROKEN AREAS AND BE REMOVED AND REPLACED JOINT TO JOINT. THERE WILL NO ADDITIONAL COMPENSATION FOR THESE PREVENTATIVE MEASURES.

EARTHWORK AND ROADWAY

- ALL EXCAVATED AND EMBANKMENT LOCATIONS REQUIRING SEEDING OR SODDING SHALL BE CONSTRUCTED TO 6" INCHES BELOW FINISHED GRADE LINE TO ALLOW TOP SOIL PLACEMENT.
- ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL ENSURE THAT TEMPORARY EROSION CONTROL MEASURES ARE IN PLACE IN THE CURRENT WORK AREA BEFORE MOVING TO A DIFFERENT WORK LOCATION AS SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER.
- PRIOR TO INITIATION OF CONSTRUCTION, THE CONTRACTOR WILL COORDINATE WITH THE LOCAL AGENCIES TO ENSURE CONTINUOUS EMERGENCY SERVICE DURING THE CONSTRUCTION PHASE OF THE PROJECT.
- IN ADDITION TO THE AREAS SHOWN IN THE PLANS, 3769 CY OF POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED FOR LOCATIONS WHERE SOILS TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL, AND PROOF ROLLED USING A FULL LOAD SEMI). IF UNSTABLE AND/OR UNSUITABLE MATERIALS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANTICIPATED AREAS OF PGE PLACEMENT ARE SHOWN ON THE CROSS SECTIONS. THE THICKNESS OF PGE WILL VARY.
- EARTH SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING. STOCK PILING OF MATERIALS FOR LATER USE AND REDISTRIBUTION SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. STOCK PILING NECESSARY FOR RESPREADING IN SHOULDERS, CONSTRUCTING EMBANKMENTS, CUT OR BORROW AREAS SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE FOR EARTH EXCAVATION.
- ALL AGGREGATE AND BITUMINOUS BASE COURSES SHALL BE PRIMED. THIS WORK SHALL CONFORM TO THE APPROPRIATE ARTICLES OF SECTION 406 OF THE STANDARD SPECIFICATIONS. THE PRIME COAT FOR AGGREGATE SURFACES SHALL BE MC-30 APPLIED AT A RATE OF 0.30 GALLONS PER SQUARE YARD AND SS-1 APPLIED AT THE RATE OF 0.10 GALLONS PER SQUARE YARD FOR HMA BASES. WHEN THE PRIMED AREA IS TO BE OPEN TO TRAFFIC, A FINE AGGREGATE SHALL BE PLACED IMMEDIATELY AFTER THE PRIME COAT HAS BEEN APPLIED. THE FINE AGGREGATE SHALL CONFORM TO ARTICLES 406.06 OF THE STANDARD SPECIFICATIONS. THESE ITEMS WILL BE PAID FOR SEPARATELY AS BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT).
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION:
ITEM NO. 2100100 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION WILL ONLY BE UTILIZED IN AREAS THAT HAVE BEEN IDENTIFIED AS SUBGRADE UNDERCUTS AREAS OR WHERE DETERMINED IN THE FIELD BY A GEOTECHNICAL ENGINEER. THE FABRIC WILL BE USED IN COMBINATION WITH PGE. THE QUANTITY INCLUDED IN THE PLANS IS BASED ON THE GEOTECHNICAL REPORT RECOMMENDATIONS FOR UNDERCUT AREAS.

SURVEY LAYOUT

- CONTRACTOR WILL PROVIDE SURVEY LAYOUT IN ACCORDANCE WITH CHECK SHEET #10, CONSTRUCTION LAYOUT STAKES, OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. IN ADDITION TO THE LAYOUT REQUIREMENTS TO BE PERFORMED BY THE CONTRACTOR AS PART OF CHECK SHEET #10, HIS RESPONSIBILITIES WILL INCLUDE HORIZONTAL AND VERTICAL LAYOUT OF ALL POINTS ASSOCIATED WITH THE ROADWAY, DRIVEWAYS AND BIKE PATH IMPROVEMENTS WHICH INCLUDES, BUT SHALL NOT LIMITED TO, EARTHWORK, SUBBASE, CURB AND GUTTERS, STORM SEWER, DRAINAGE STRUCTURES, PAVEMENTS SURFACES, TRAFFIC SIGNAL, STREET LIGHTING, AND LANDSCAPING. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT IS CONSIDERED INCLUDED IN THE UNIT COST BID FOR CONSTRUCTION LAYOUT.

REMOVAL NOTES

- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 3/4 INCHES WHERE THE SPEED IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- FRAME AND LID ADJUSTMENTS FOR PUBLIC UTILITIES WITHIN THE PROJECT LIMITS WILL BE DONE BY THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED.
- ALL PRIVATE SIGNS WILL BE RELOCATED BY PROPERTY OWNER.
- SAW CUTS:
FULL DEPTH SAW CUT IS REQUIRED FOR THE REMOVAL OF PAVEMENT, BUTT JOINTS, PATCHES, REMOVAL OF CURB, GUTTER, MEDIANS, DRIVEWAYS, SIDEWALK, OR ANY OTHER STRUCTURES THAT ARE ALL ONE PIECE WITH NO CONSTRUCTION JOINTS. THIS SAW CUT SHALL BE MADE AT THE LIMITS OF CONSTRUCTION OR OTHER AREAS AS REQUIRED TO PERFORM THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE SAW CUT SHALL BE ACCOMPLISHED WITH A "PAVEMENT SAW". VERMEER TYPE TRENCHERS WILL NOT BE ALLOWED FOR FINAL SAW CUT AT THE LIMITS OF CONSTRUCTION. THESE SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE APPLICABLE ITEM BEING REMOVED.
- MAILBOXES:
THE WORK REQUIRED FOR THE REMOVAL AND REPLACEMENT OF PERMANENT MAILBOXES SHALL BE SPECIFIED IN THE SPECIAL PROVISIONS AND DETAILED IN THE PLANS. IN ACCORDANCE WITH SECTION 107.20 OF THE STANDARD SPECIFICATIONS, THE WORK WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- MAILBOXES WILL NEED TO BE TEMPORARILY MOVED BECAUSE OF CONSTRUCTION OPERATIONS. MAILBOXES MAY HAVE TO BE MOVED MORE THAN ONCE. THE CONTRACTOR SHALL TEMPORARILY PLACE AND SUPPORT THE MAILBOX SO THAT IT IS SUITABLE FOR MAIL DELIVERY. MAINTAINING THE MAILBOX DURING CONSTRUCTION AND PLACING IT IN ITS PERMANENT LOCATION WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. IF THE MAILBOX OR SUPPORT IS DAMAGED BY THE CONSTRUCTION OPERATIONS IT WILL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE PROJECT.
- QUANTITIES FOR THE FOLLOWING PAY ITEMS ARE BASED ON FIELD SURVEYS CONDUCTED IN THE SPRING OF 2005. THE QUANTITIES SHOWN INCLUDE SOME ALLOWANCES FOR ADDITIONAL GROWTH BEFORE ACTUAL CONSTRUCTION TAKES PLACE.
- TREE REMOVAL (6 TO 15 INCH DIAMETER), PAY ITEM NO. 20100110.
TREE REMOVAL (OVER 15 INCH DIAMETER), PAY ITEM NO. 20100210.
- THE ENGINEER WILL MEASURE THE DIAMETER OF EACH TREE TO BE REMOVED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO REMOVAL. FAILURE TO DO SO WILL RESULT IN PAYMENT OF TREE REMOVAL BASED IN PLAN MEASUREMENT.

DRAINAGE NOTES

- BACKFILLING OF STORM SEWERS SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 550.07. IF METHOD 1 IS USED BY THE CONTRACTOR AND THE CONTRACTOR EXCEEDS THE ALLOWED MAXIMUM LIFT THICKNESS OF 12", AT THE ENGINEERS REQUEST, THE CONTRACTOR WILL BE REQUIRED TO ADDITIONALLY COMPACT THE TRENCH BACKFILL BY METHOD 2 OR 3. THERE WILL BE NO COMPENSATION FOR MEETING THIS ADDITIONAL COMPACTION REQUIREMENT.
- ALL FRAMES AND GRATES SHALL BE BICYCLE SAFE.
- BEFORE FINAL ACCEPTANCE OF THE PROJECT, ALL PROPOSED STORM SEWER LINES AND STRUCTURES SHALL BE CLEANED AS DIRECTED BY THE ENGINEER. CLEANING OF PROPOSED STORM SEWER LINES AND STRUCTURES IS CONSIDERED TO BE INCLUDED IN THE COST OF THE DRAINAGE ITEM. IF CLEANING OF EXISTING STORM SEWER IS REQUIRED THE WORK SHALL BE PAID FOR AS UNDER THE APPROPRIATE PAY ITEM.
- CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES NECESSARY TO ASSURE THAT FRAMES AND LIDS FOR STRUCTURES INSTALLED IN THE PROPOSED PAVEMENT ARE ROTATED SO AS NOT TO BE IN THE VEHICLES "WHEEL LANE". ANY FRAMES AND LIDS, WHERE AVOIDABLE, CONSTRUCTED WITHIN THE VEHICLES "WHEEL LANE", WILL BE READJUSTED AT THE CONTRACTOR'S EXPENSE.
- ANY FARM DRAIN, FIELD TILE SYSTEM OR OTHER UNDERGROUND TILE FACILITY ENCOUNTERED IN THE WORK SHALL BE LOCATED AND STAKED AND REPORTED TO THE RESIDENT ENGINEER. ANY DRAINAGE LINES WHICH ARE CUT OR DAMAGED BY GRADING, TRENCHING, EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES SHALL BE REPAIRED SO AS TO MAINTAIN ITS ORIGINAL ALIGNMENT. IF THIS CANNOT BE ACCOMPLISHED, THE TILE SHALL BE REPAIRED AND CONNECTED TO THE PROPOSED STORM SEWER SYSTEM IN SUCH A MANNER AS TO RENDER THE LINES USABLE FOR THE PURPOSES INTENDED. THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.
- FRAME AND GRATES OF ALL OTHER CASTINGS REMOVED FROM EXISTING CITY R.O.W. SHALL REMAIN THE PROPERTY OF THE CITY OF AURORA AND SHALL BE STOCKPILED BY THE CONTRACTOR WITHIN THE EXISTING R.O.W. LIMITS.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINAGE AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE COST OF STORM SEWER ITEMS BEING INSTALLED.
- DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. GRADES OF EXISTING SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEY. THE INVERTS OF THE PROPOSED DRAINAGE MAY REQUIRE REVISION TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.
- ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY FACILITIES SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR THE DRAINAGE STRUCTURE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONNECTION OF ALL EXISTING STORM SEWERS INTO THE PROPOSED STORM SEWER SYSTEM SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER SYSTEM.
- THE COST OF RESHAPING PROPOSED AND EXISTING DITCHES (IF REQUIRED) SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION PER ARTICLE 202.06.
- STORM SEWER STRUCTURES 1-85 LOCATED ALONG INDIAN TRAIL ROAD AND WEST OF CHURCH ROAD, ARE LOCATED OUTSIDE THE LIMITS OF THIS PROJECT.

THE OFFSETS TO DRAINAGE STRUCTURES LOCATED IN THE CURB LINE ARE MEASURED TO THE EDGE OF PAVEMENT AND NOT TO THE CENTER OF THE STRUCTURE.

THE OFFSETS TO DRAINAGE STRUCTURES LOCATED WITHIN THE PAVEMENT ARE MEASURED TO THE CENTER OF THE STRUCTURE.

THE OFFSETS TO DRAINAGE STRUCTURES LOCATED OUTSIDE THE CURB LINE ARE MEASURED TO THE CENTER OF THE STRUCTURE.
- MORTAR:
ALL CONNECTION POINTS WHERE THE STORM SEWER ENTERS THE DRAINAGE STRUCTURE SHALL BE MORTARED ON THE INSIDE AND OUTSIDE OF THE DRAINAGE STRUCTURE. THE MORTAR MATERIAL SHALL BE PLACED AROUND THE ENTIRE CIRCUMFERENCE OF THE PIPE. THE MORTAR MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 602.04. MORTARING THE PIPE CONNECTION SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STORM SEWER PIPE AND INSTALLATION.
- ALL MANHOLE COVERS SHALL BE STAMPED WITH "CITY OF AURORA".

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SHEET 1 OF 1

SCALE: VERT.
HORIZ. N/A
DATE 1/7/09

DRAWN BY AWH
CHECKED BY TC/SBP



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	4
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONSTRUCTION TYPE CODE L23
 LIGHTING Y030-IE
 SIGNALS Y031-IF
 NON-PART
 07C
 L23
 Y031-IF

SUMMARY OF QUANTITIES

SPECIALITY ITEMS	SPECIAL PROVISIONS	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	LIGHTING Y030-IE	SIGNALS Y031-IF	NON-PART
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	145	145			
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	505	505			
		20101000	TEMPORARY FENCE	FOOT	72	72			
	*	20101100	TREE TRUNK PROTECTION	EACH	6	6			
		20101200	TREE ROOT PRUNING	EACH	6	6			
	*	20200100	EARTH EXCAVATION	CU YD	18,178	18,178			
	*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7,330	7,330			
	*	20400800	FURNISHED EXCAVATION	CU YD	336	336			
	*	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	3,769	3,769			
		20800150	TRENCH BACKFILL	CU YD	9,714	9,714			
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	20,774	20,774			
	*	21300010	EXPLORATION TRENCH, SPECIAL	FOOT	200	200			
S		25000210	SEEDING, CLASS 2A	ACRE	0.51	0.51			
S		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	246	246			
S		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	246	246			
S		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	246	246			
S	*	25101504	WOOD CHIP MULCH 4"	SQ YD	576	576			
S		25100630	EROSION CONTROL BLANKET	SQ YD	3,613	3,613			
S		25200110	SODDING, SALT TOLERANT	SQ YD	10,782	10,782			
S		25200200	SUPPLEMENTAL WATERING	UNIT	39	39			
S	*	25400105	PERENNIAL PLANTS	EACH	1,643	1,643			
	*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	411	411			
	*	28000500	INLET AND PIPE PROTECTION	EACH	79	79			
		28100105	STONE RIPRAP, CLASS A3	SQ YD	1	1			
		28100107	STONE RIPRAP, CLASS A4	SQ YD	89	89			
		28200200	FILTER FABRIC	SQ YD	90	90			
		31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	846	846			
		31101600	SUB-BASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	3,388	3,388			
		31102300	SUB-BASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	170	170			
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	3,942	3,942			
		35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	253	253			
		35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	131	131			
	*	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	14,118	14,118			
		40600300	AGGREGATE (PRIME COAT)	TON	59	59			
		40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	134	134			
		40600895	CONSTRUCTING TEST STRIP	EACH	2	2			
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	201	201			
	*	40600995	TEMPORARY RAMP, SPECIAL	SQ YD	2,282	2,282			
		40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	11,181	11,181			
		40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	482	482			
		40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	3,278	3,278			
	*	42001650	PAVEMENT FABRIC (SPECIAL)	SQ YD	1,027	1,027			
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	262	262			
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	753	753			
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,357	6,357			
		42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	109	109			

PLT DATE = 6/26/2009
 PLT SCALE = N/A
 USER NAME = JUSER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 1 OF 6
 SCALE: VERT. N/A
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	5
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SPECIALITY ITEMS	SPECIAL PROVISIONS	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
						ROADWAY 1000	LIGHTING Y030-IE	SIGNALS Y031	NON-PART
	*	42400800	DETECTABLE WARNINGS	SQ FT	240	240			
		44000100	PAVEMENT REMOVAL	SQ YD	22,896	22,896			
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	7,016	7,016			
	*	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,666	1,666			
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,027	1,027			
		44000600	SIDEWALK REMOVAL	SQ FT	2,204	2,204			
	*	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	74	74			
		44201771	CLASS D PATCH, TYPE IV, 10 INCH	SQ YD	222	222			
	*	44300900	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A	FOOT	307	307			
		48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	25	25			
	*	50105220	PIPE CULVERT REMOVAL	FOOT	419	419			
		50300300	PROTECTIVE COAT	SQ YD	5,046	5,046			
		542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	171	171			
		542C0232	PIPE CULVERTS, CLASS C, TYPE 1 27"	FOOT	53	53			
	*	55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	312	312			
	*	55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	82	82			
	*	55019700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	128	128			
	*	55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	1,324	1,324			
	*	55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	27	27			
	*	55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	138	138			
	*	55022000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 24"	FOOT	306	306			
	*	55022200	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 30"	FOOT	541	541			
	*	55022400	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 36"	FOOT	485	485			
	*	55022700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 54"	FOOT	1,734	1,734			
	*	55024100	STORM SEWERS, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	28	28			
	*	55024500	STORM SEWERS, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 36"	FOOT	70	70			
	*	55024800	STORM SEWERS, TYPE 3, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 54"	FOOT	136	136			
	*	55026200	STORM SEWERS, TYPE 4, REINFORCED SEWER PIPE, CLASS V 24"	FOOT	26	26			
	*	55039700	STORM SEWERS TO BE CLEANED	FOOT	327	327			
		55100500	STORM SEWER REMOVAL 12"	FOOT	980	980			
		55100700	STORM SEWER REMOVAL 15"	FOOT	686	686			
		55100900	STORM SEWER REMOVAL 18"	FOOT	391	391			
		55101200	STORM SEWER REMOVAL 24"	FOOT	64	64			
		55101300	STORM SEWER REMOVAL 27"	FOOT	924	924			
	*	55102000	STORM SEWER REMOVAL 54"	FOOT	12	12			
S	*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	195	195			
S	*	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	211	211			
S	*	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	183	185			
S	*	56103400	DUCTILE IRON WATER MAIN 16"	FOOT	3,276	3,276			
S	*	56105000	WATER VALVES 8"	EACH	4	4			
S	*	56105200	WATER VALVES 12"	EACH	2	2			
S	*	56105760	BUTTERFLY VALVES 16"	EACH	5	5			
S	*	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2	2			
S	*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	11	11			
S	*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	15	15			
	*	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	558	558			

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 2 OF 6
 SCALE: VERT. N/A
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503 08-00260-01-PV		KANE	176	6
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONSTRUCTION TYPE CODE L23 L23 070 Y031-IF

SPECIALITY ITEMS	SPECIAL PROVISIONS	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
						ROADWAY I000	LIGHTING Y030-IE	SIGNALS Y031-IF	NON-PART
		60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
		60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	12	12			
		60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	2	2			
		60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2			
		60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	31	31			
		60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17	17			
		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16	16			
		60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	13	13			
		60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	6	6			
		60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1			
		60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2	2			
		60247800	JUNCTION CHAMBER	EACH	5	5			
		60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4			
		60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6			
		60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2			
		60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	4			
S		60260050	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	6	6			
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3			
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1			
		60266910	VALVE BOXES TO BE REMOVED	EACH	4	4			
		60500040	REMOVING MANHOLES	EACH	5	5			
		60500050	REMOVING CATCH BASINS	EACH	19	19			
		60500105	FILLING MANHOLES	EACH	5	5			
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,207	4,207			
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	87	87			
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6,762	6,762			
		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	530	530			
		60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	365	365			
		63801205	TEMPORARY MODULAR CLARE SCREEN	FOOT	94	94			
S		66900205	SPECIAL WASTE DISPOSAL	CU YD	22	22			
		70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1			
		70101300	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 (SPECIAL)	EACH	1	1			
		70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
		70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	2	2			
		70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,037	1,037			
S		70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	109	109			
S		70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	9,521	9,521			
S		70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	761	761			
S		70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	242	242			
S		70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	196	196			
		70300625	TEMPORARY PAINT PAVEMENT MARKING, LINE 4"	FOOT	11,657	11,657			
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5,642	5,642			
		70400100	TEMPORARY CONCRETE BARRIER	FOOT	94	94			
		72000100	SIGN PANEL - TYPE 1	SQ FT	300	300			

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 3 OF 6
 SCALE: VERT. N/A
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	7
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONSTRUCTION TYPE CODE L23 L23 070 Y031-1F

SUMMARY OF QUANTITIES

SPECIALTY ITEMS	SPECIAL PROVISIONS	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	LIGHTING Y030-IE	SIGNALS Y031-1F	NON-PART
		72000200	SIGN PANEL - TYPE 2	SQ FT	84	72		12	0
	*	72400900	REMOVE SIGN PANEL	EACH	19	19			
		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	448	448			
		73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	6	6			
S		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	473	473			
S		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8,252	8,252			
S		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,726	1,726			
S		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,620	2,620			
S		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	329	329			
S	*	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	73			
S	*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	42	42			
S	*	78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	543	543			
S	*	78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	1,014	1,014			
S	*	78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	63	63			
	*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,566	1,566			
S		80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1		
S	*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1		
S	*	80500100	SERVICE INSTALLATION, TYPE A	EACH	1			1	
S		81000500	CONDUIT IN TRENCH, 1 1/2" DIA., GALVANIZED STEEL	FOOT	29				29
S		81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	3,838			3,438	400
S		81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	203			203	
S		81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	88		45	3	40
S		81000900	CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	45			12	33
S		81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	130			14	116
S		81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	8				8
S		81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	726		356	370	
S		81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	404			165	239
S	*	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	15			10	5
S	*	81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3			1	2
S		81702460	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0	FOOT	80		80		
S		81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	4,346		50	3,670	626
S		82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	42		42		
S	*	82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1		1		
S		83062440	LIGHT POLE, WEATHERING STEEL, 40 FT. M.H., 8 FT. MAST ARM	EACH	37		37		
S		83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	231		231		
S	*	83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	28		28		
S	*	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	37		37		
S	*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1	
S	*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1	
S	*	86400100	TRANSCEIVER - FIBER OPTIC	EACH	2			2	
S	*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	600			600	
S	*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,100			1,100	
S	*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,000			1,000	
S	*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	600			600	
S	*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	500			500	
S	*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	100			100	

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 4 OF 6
 SCALE: VERT. N/A
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	8
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONSTRUCTION TYPE CODE L23
 L23 070
 Y031-IF

SPECIALITY ITEMS	SPECIAL PROVISIONS	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE L23			
						ROADWAY 1000	LIGHTING Y030-IE	SIGNALS Y031-IF	NON-PART
S	*	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1			1	
S	*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3			3	
S	*	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1			1	
S	*	87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	2			2	
S	*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20			20	
S	*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8			4	4
S	*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	90			30	60
S	*	87900200	DRILL EXISTING HANDHOLE	EACH	4			4	
S	*	87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	6			6	
S	*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3			3	
S	*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1	
S	*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3			3	
S	*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1			1	
S	*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4			4	
S	*	88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	4			4	
S	*	88600200	DETECTOR LOOP, TYPE II	FOOT	762			762	
S	*	88700200	LIGHT DETECTOR	EACH	3				3
S	*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1
S	*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	4			4	
S	*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1	
S	*	89502380	REMOVE EXISTING HANDHOLE	EACH	1			1	
	*	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	26,055	26,055			
	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
	*	Z0019600	DUST CONTROL WATERING	UNIT	121	121			
	*	Z0022800	FENCE REMOVAL	FOOT	603	603			
	*	Z0025500	FURNISHING AND INSTALLING PROPERTY MARKERS	EACH	44	44			
	*	Z0030255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2			
S	*	Z0041900	POLYETHYLENE ENCASEMENT	FOOT	3,777	3,777			
	*Δ	Z0076600	TRAINEES	HOURS	3,500	3,500			
S		A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	23	23			
S		A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9			
S		A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	34	34			
S		A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
S		A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6			
S		A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	14			
S		A2007920	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11			
S		A2018720	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	21	21			
S		B2005520	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	14	14			
S		C2010924	SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC), 2' HEIGHT, BALLED AND BURLAPPED	EACH	115	115			
S	*	XX000690	SANITARY SEWER REMOVAL AND REPLACEMENT 10"	FOOT	142	142			
	*	XX000868	SELECT GRANULAR BACKFILL	CU YD	4185	4185			
	*	XX005803	BRICK SURFACE COURSE	SQ YD	171				171
	*	XX002134	CONCRETE CURB AND GUTTER OUTLET SPECIAL	EACH	7	7			
S	*	XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1			1	
S	*	XX003037	DUCTILE IRON FITTINGS AND ACCESSORIES	POUND	24,854	24,854			
	*	XX003503	FLARED END SECTION REMOVAL	EACH	13	13			

Δ Y080

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 USER NAME = USER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 5 OF 6
 SCALE: VERT. N/A
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	9
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONSTRUCTION TYPE CODE

ROADWAY I000 LIGHTING Y030-IE SIGNALS Y031 NON-PART

SUMMARY OF QUANTITIES

SPECIALITY ITEMS	SPECIAL PROVISIONS	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY I000	LIGHTING Y030-IE	SIGNALS Y031	NON-PART
S		XX003536	CONNECTION TO EXISTING WATER MAINS (NON PRESSURE)	EACH	8	8			
		XX004688	BRICK PAVER SIDEWALK	SQ FT	180				180
		XX004878	MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS	L SUM	1	1			
S		84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	2	2			
S		XX005238	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	CU YD	2,353	2,353			
		XX005348	AGGREGATE SHOULDERS (SPECIAL)	FOOT	3,184	3,184			
S		XX008055	ABANDON WATER MAIN	CU YD	128	128			
S		X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C TWISTED SHIELDED	FOOT	500			500	
S		XX005845	MODULAR CONCRETE PAVERS (SPECIAL)	SQ FT	988	988			
S		XX006038	CONNECTION TO EXISTING WATER MAINS (PRESSURE) 16"	EACH	1	1			
		XX006277	TEMPORARY SEDIMENT TRAP	EACH	1	1			
S		XX006505	EXTERNAL LIGHT SHIELD, HOUSE SIDE	EACH	20		20		
		XX006574	CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			
S		X8620020	UNINTERRUPTABLE POWER SUPPLY	EACH	1			1	
S		XX006710	SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE	ACRE	0.07	0.07			
S		XX024100	EXPOSED AGGREGATE SURFACE	SQ FT	400	400			
		XX104100	CONNECTION TO EXISTING MANHOLE	EACH	1	1			
		X0301834	STORM SEWER TO BE FILLED	FOOT	793	793			
		X0320139	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000	1,000			
S		X0321720	WATER MAIN REMOVAL	FOOT	500	500			
S		X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	88	88			
S		X0322925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	2,900			2,900	
		X0322938	TEMPORARY END SECTION	EACH	11	11			
S		X0323777	VIDEO VEHICLE DETECTION, 3 CAMERAS	EACH	1			1	
		X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	7,076	7,076			
		X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	3,538	3,538			
S		X0325570	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL DA	46	46			
		X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	5	5			
		X0712400	TEMPORARY PAVEMENT	SQ YD	3,942	3,942			
		X2800100	TEMPORARY DITCH CHECKS, ROLLED EXCELSIOR	EACH	43	43			
		X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	16	16			
		X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4			
		X4023000	TEMPORARY ACCESS (ROAD)	EACH	2	2			
		X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	18	18			
		X7240500	RELOCATE EXISTING SIGNS	EACH	3	3			
S		X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	365	365			
S		X7800200	PAINT PAVEMENT MARKING CURB	FOOT	280	280			
S		X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	2,900			2,900	
S		X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	600			600	
S		XX008056	POLYETHYLENE DUCT BORED AND PULLED, 1-1/4" DIA. WITH ELECTRIC CABLE 600 V (XLP-TYPE USE), 3-1/C NO.6 AND 1/C NO. 6 GROUND	FOOT	6,290		6,290		
		XX008057	CATCH BASINS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
		35600714	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/2"	SQ YD	155	155			
		67100100	MOBILIZATION	L SUM	1	1			

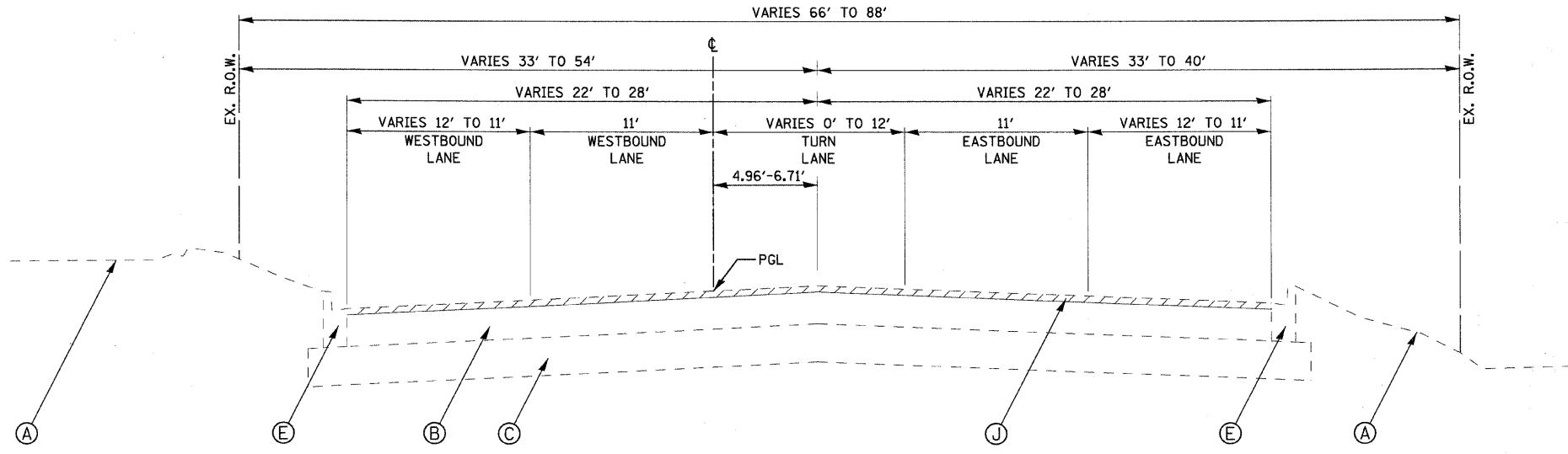
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 SHEET 6 OF 6
 SCALE: VERT. DRAWN BY TC
 HORIZ. N/A CHECKED BY TC/SBP
 DATE 1/7/09

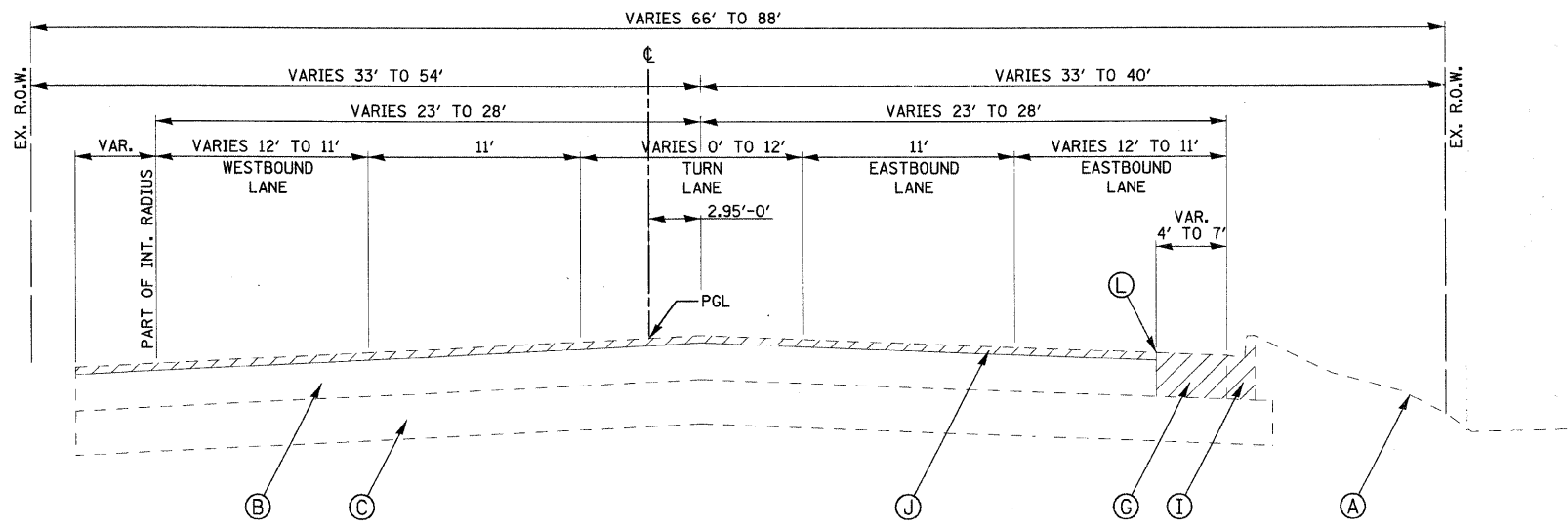


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	10
STA. 34+84.29		TO STA. 40+61.69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**EXISTING INDIAN TRAIL
STA. 34+84.29 TO STA. 38+76.11**

INTERSECTION OMISSION
STA. 38+76.11 TO STA. 39+48.92
INTERSECTION TO BE SURFACE MILLED 2"
(SEE REMOVAL PLAN SHEET 27
FOR EXACT LIMITS)



**EXISTING INDIAN TRAIL
STA. 39+48.92 TO STA. 40+97.00**

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXISTING AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)

APPROXIMATE EXISTING PAVEMENT DEPTH

STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
39+48.92 TO 42+64	11.0"	2.0"
42+64 TO 48+64	8.5"-11.0"	2.0"-4.5"
48+64 TO 63+64	8.5"-9.0"	4.5"-12.0"
63+64 TO 70+64	9.0"-13.1"	12.0"-8.0"
70+64 TO 72+80.91	13.1"-8.7"	12.0"-7.3"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

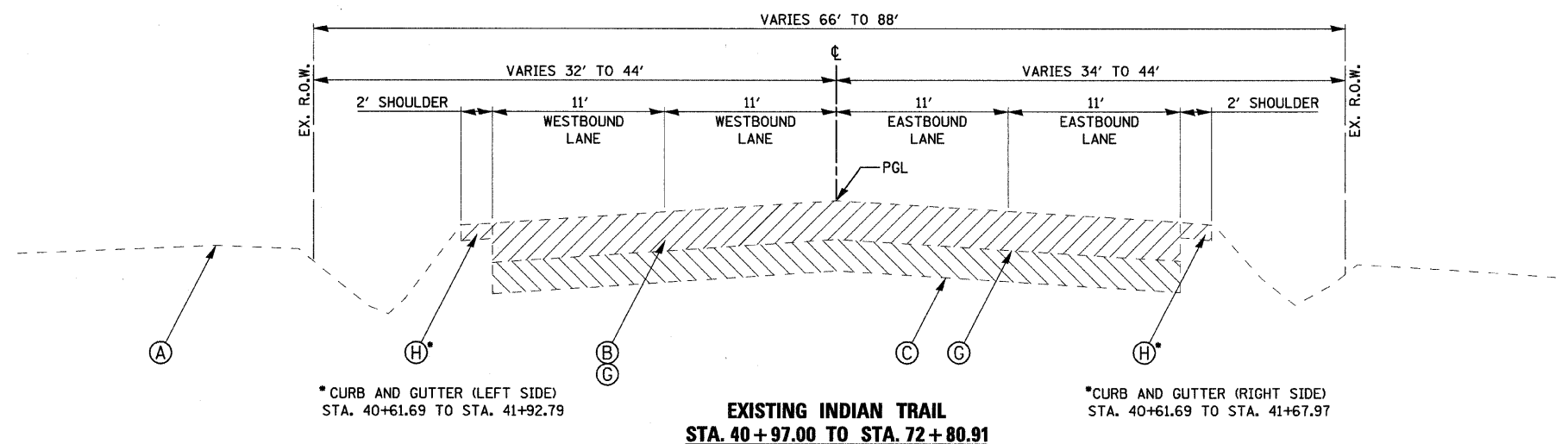
TYPICAL SECTIONS
INDIAN TRAIL ROAD
SHEET 1 OF 10

SCALE: VERT.
HORIZ. N/A
DATE 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP

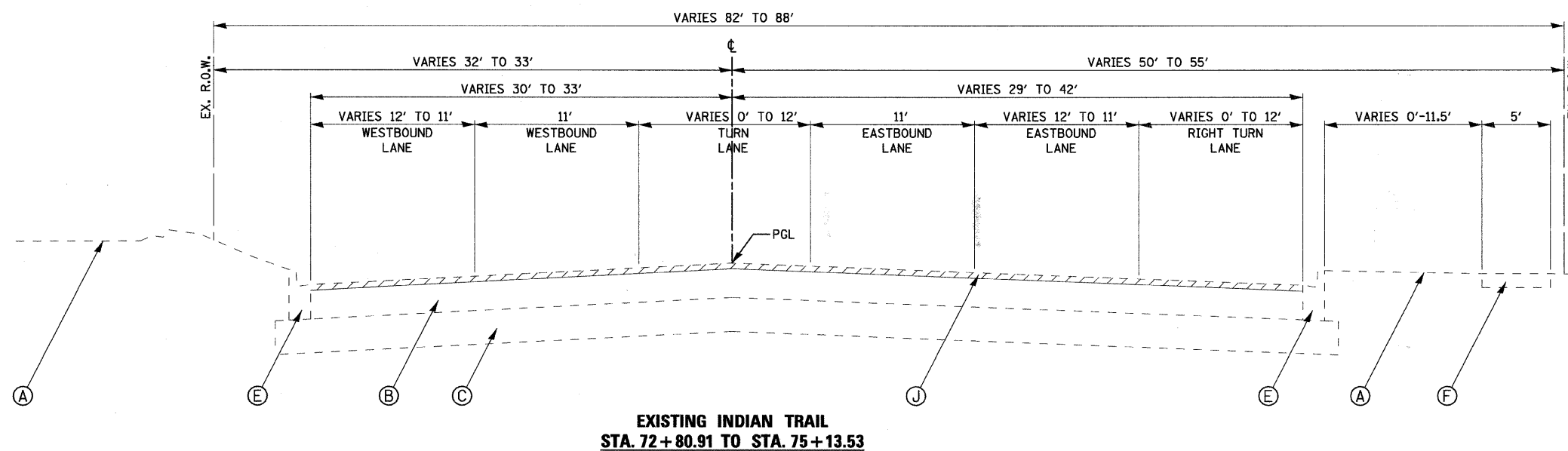


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	11
STA. 40+61.69		TO STA. 75+13.59		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXISTING AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)



APPROXIMATE EXISTING PAVEMENT DEPTH

STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
39+48.92 TO 42+64	11.0"	2.0"
42+64 TO 48+64	8.5"-11.0"	2.0"-4.5"
48+64 TO 63+64	8.5"-9.0"	4.5"-12.0"
63+64 TO 70+64	9.0"-13.1"	12.0"-8.0"
70+64 TO 72+80.91	13.1"-8.7"	12.0"-7.3"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
INDIAN TRAIL ROAD
SHEET 2 OF 10

SCALE: VERT. N/A
HORIZ. 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP



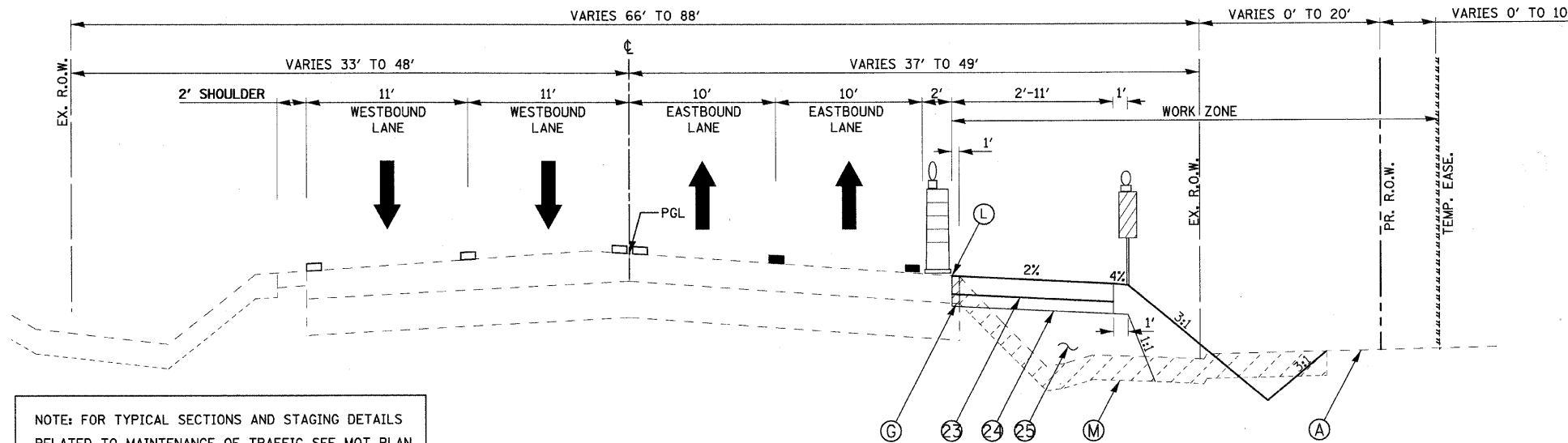
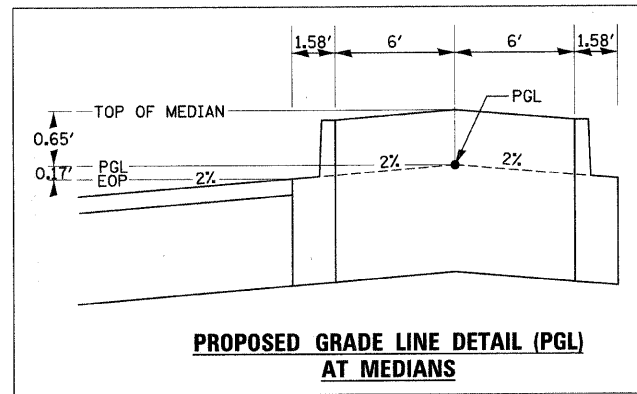
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	12
STA. 39+48.92		TO STA. 40+61.69		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXISTING AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAV. - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)

LEGEND, PROPOSED

- ① POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2" (40603595)
- ② POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2" (40603240)
- ③ HMA BINDER COURSE, IL-19.0, N50, 4" (40603080)
- ④ HMA SURFACE COURSE, MIX "C", N50, 2" (40603310)
- ⑤ HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- ⑧ CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- ⑨ AGGREGATE SUBGRADE, 12" (Z0001050)
- ⑩ GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- ⑫ SUB-BASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- ⑬ PCC SIDEWALK, 5" (6" THRU DRIVEWAYS) (42400200/42400300)
- ⑭ TOPSOIL FURNISH AND PLACE, 6" (XX005238)
- ⑮ TOPSOIL FURNISH AND PLACE, 24" (XX005238)
- ⑯ SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- ⑰ SODDING, SALT TOLERANT (25200110)
- ⑱ STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A (44300900)
- ⑲ MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- ⑳ AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- ㉑ SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (CA-7)(TO BE PAID AS Z0001050)
- ㉒ LEVELING BINDER (MACHINE METHOD), N70 (40600635)
- ㉓ TEMPORARY PAVEMENT (HMA BINDER IL-19 mm) - 6" (X0712400)
- ㉔ TEMPORARY AGGREGATE BASE COURSE, TYPE B - 4" (35101600)
- ㉕ STRUCTURAL EMBANKMENT (TO BE PAID AS FURNISHED EXCAVATION - 20400800)



NOTE: FOR TYPICAL SECTIONS AND STAGING DETAILS RELATED TO MAINTENANCE OF TRAFFIC SEE MOT PLAN SHEETS 41-62.

**INDIAN TRAIL SUBSTAGE 1A
TEMPORARY PAVEMENT WIDENING
STA. 39 + 48.92 TO STA. 72 + 80.91**

ESTIMATED QUANTITIES FOR UNDERCUTTING, PGES, AND GEOTECHNICAL FABRIC

STATION LIMITS	ESTIMATED THICKNESS PGES
38+15 TO 41+15	12 INCHES
41+15 TO 44+15	8 INCHES
44+15 TO 47+15	4 INCHES
47+15 TO 50+15	8 INCHES
50+15 TO 53+15	4 INCHES
56+20 TO 59+20	6 INCHES
59+20 TO 62+15	10 INCHES
65+15 TO 67+85	6 INCHES
70+50 TO 72+81	12 INCHES
604+50 TO 609+00	6 INCHES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
ITEM	AC TYPE	VOIDS
ROADWAY		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 mm)	PG 64-22 *	4% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70	PG 64-22 *	4% @ 70 GYR.
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL 9.5 mm) (P.E. & C.E.)	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 6" (PRIVATE) (HMA BINDER IL-19 mm)	PG 64-22 *	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 8" (COMMERCIAL) (HMA BINDER IL-19 mm)	PG 64-22 *	4% @ 50 GYR.
TEMPORARY PAVEMENT		
TEMP PAVEMENT (HMA BINDER IL-19 mm), 6"	PG 64-22 *	4% @ 50 GYR.
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm), 10"	PG 64-22 *	4% @ 70 GYR.
BIKE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm), 3"	PG 64-22	4% @ 50 GYR.

**INDIAN TRAIL
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
 PV = 28740 SU = 780 MU = 480
 ROAD/STREET CLASSIFICATION: Class I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 96 S = 3 M = 2
 TRAFFIC FACTOR: Actual TF = 3.04 AC Type = PG 70-22
 Minimum TF = N/A
 PG GRADE: Binder = PG 70-22 Surface = PG 70-22
 SUBGRADE SUPPORT RATING: SSR = POOR

**OHIO, AUTUMN & TRASK
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
 PV = 5300 SU = 53 MU = 53
 ROAD/STREET CLASSIFICATION: Class II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 98 S = 1 M = 1
 TRAFFIC FACTOR: Actual TF = 0.22 AC Type = PG 58-22
 Minimum TF = N/A
 PG GRADE: Binder = PG 58-22 Surface = PG 64-28 OR SBS PG
 SUBGRADE SUPPORT RATING: SSR = POOR

APPROXIMATE EXISTING PAVEMENT DEPTH

STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
39+48.92 TO 42+64	11.0"	2.0"
42+64 TO 48+64	8.5"-11.0"	2.0"-4.5"
48+64 TO 63+64	8.5"-9.0"	4.5"-12.0"
63+64 TO 70+64	9.0"-13.1"	12.0"-8.0"
70+64 TO 72+80.91	13.1"-8.7"	12.0"-7.3"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
INDIAN TRAIL ROAD
SHEET 3 OF 10

SCALE: VERT. N/A
HORIZ. N/A
DATE 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP



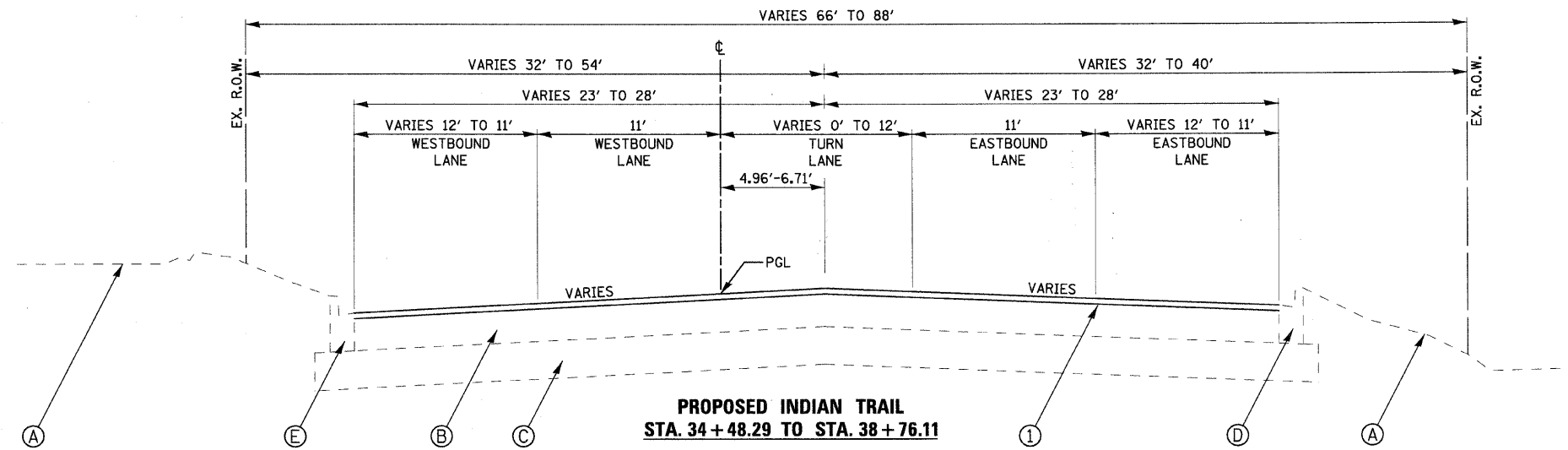
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	13
STA. 39+48.92		TO STA. 72+80.91		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXISTING AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAV. - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)

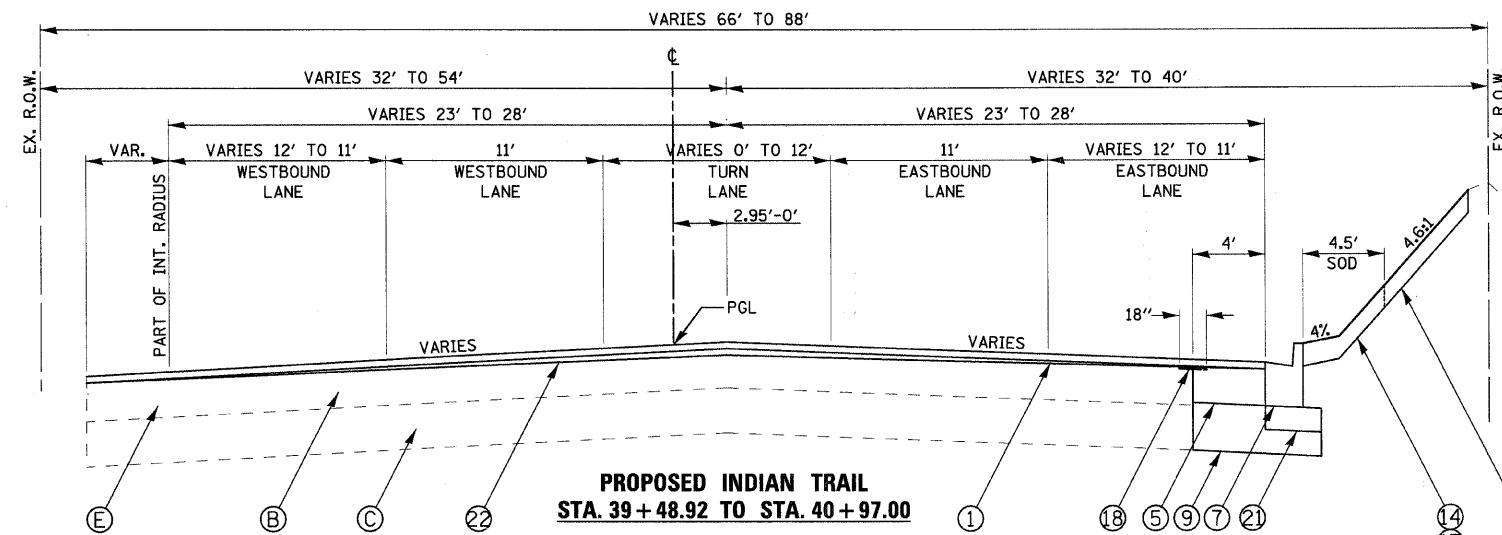
LEGEND, PROPOSED

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2" (40603595)
- (2) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2" (40603240)
- (3) HMA BINDER COURSE, IL-19.0, N50, 4" (40603080)
- (4) HMA SURFACE COURSE, MIX "C", N50, 2" (40603310)
- (5) HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2"
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- (8) CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- (9) AGGREGATE SUBGRADE, 12" (Z0001050)
- (10) GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- (11) SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- (12) SUB-BASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- (13) PCC SIDEWALK, 5" (6" THRU DRIVEWAYS) (42400200/42400300)
- (14) TOPSOIL FURNISH AND PLACE, 6" (XX005238)
- (15) TOPSOIL FURNISH AND PLACE, 24" (XX005238)
- (16) SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- (17) SODDING, SALT TOLERANT (25200110)
- (18) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A (44300900)
- (19) MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- (20) AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- (21) SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (CA-7)(TO BE PAID AS Z0001050)
- (22) LEVELING BINDER (MACHINE METHOD), N70 (40600635)

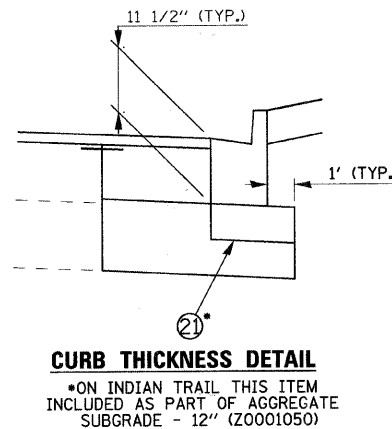


**PROPOSED INDIAN TRAIL
STA. 34 + 48.29 TO STA. 38 + 76.11**

INTERSECTION OMISSION
STA. 38+76.11 TO STA. 39+48.92
INTERSECTION TO BE OVERLAYED W/ 2" SURFACE COURSE
(SEE PNP PLAN SHEET 33 FOR EXACT LIMITS)



**PROPOSED INDIAN TRAIL
STA. 39 + 48.92 TO STA. 40 + 97.00**



CURB THICKNESS DETAIL
*ON INDIAN TRAIL THIS ITEM INCLUDED AS PART OF AGGREGATE SUBGRADE - 12" (Z0001050)

ESTIMATED QUANTITIES FOR UNDERCUTTING, PGES, AND GEOTECHNICAL FABRIC

STATION LIMITS		ESTIMATED THICKNESS PGES
FROM	TO	
38+15	41+15	12 INCHES
41+15	44+15	8 INCHES
44+15	47+15	4 INCHES
47+15	50+15	8 INCHES
50+15	53+15	4 INCHES
56+20	59+20	6 INCHES
59+20	62+15	10 INCHES
65+15	67+85	6 INCHES
70+50	72+81	12 INCHES
604+50	609+00	6 INCHES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
ITEM	AC TYPE	VOIDS
ROADWAY		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 mm)	PG 64-22 *	4% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70	PG 64-22 *	4% @ 70 GYR.
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL 9.5 mm) (P.E. & C.E.)	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 6" (PRIVATE) (HMA BINDER IL-19 mm)	PG 64-22 *	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 8" (COMMERCIAL) (HMA BINDER IL-19 mm)	PG 64-22 *	4% @ 50 GYR.
TEMPORARY PAVEMENT		
TEMP PAVEMENT (HMA BINDER IL-19 mm), 6"	PG 64-22 *	4% @ 50 GYR.
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm), 10"	PG 64-22 *	4% @ 70 GYR.
BIKE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm), 3"	PG 64-22	4% @ 50 GYR.

**INDIAN TRAIL
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
PV = 28740 SU = 780 MU = 480
ROAD/STREET CLASSIFICATION: Class I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 96 S = 3 M = 2
TRAFFIC FACTOR: Actual TF = 3.04 AC Type = PG 70-22
Minimum TF = N/A
PG GRADE: Binder = PG 70-22 Surface = PG 70-22
SUBGRADE SUPPORT RATING: SSR = POOR

**OHIO, AUTUMN & TRASK
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
PV = 5300 SU = 53 MU = 53
ROAD/STREET CLASSIFICATION: Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 98 S = 1 M = 1
TRAFFIC FACTOR: Actual TF = 0.22 AC Type = PG 58-22
Minimum TF = N/A
PG GRADE: Binder = PG 58-22 Surface = PG 64-28 OR SBS PG
SUBGRADE SUPPORT RATING: SSR = POOR

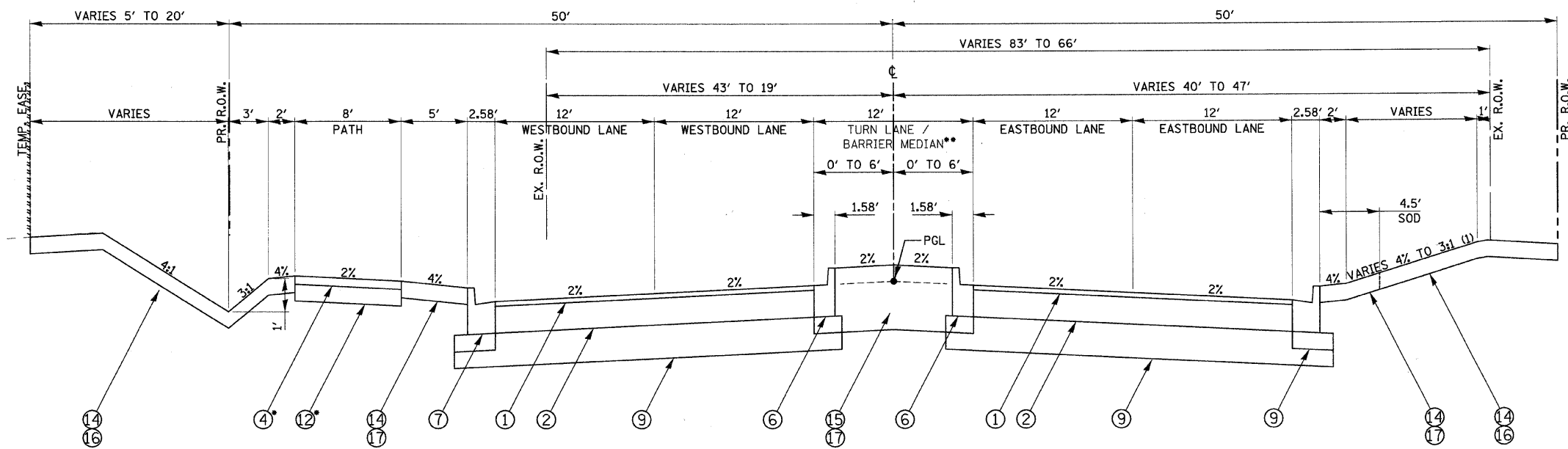


APPROXIMATE EXISTING PAVEMENT DEPTH

STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
39+48.92 TO 42+64	11.0"	2.0"
42+64 TO 48+64	8.5"-11.0"	2.0"-4.5"
48+64 TO 63+64	8.5"-9.0"	4.5"-12.0"
63+64 TO 70+64	9.0"-13.1"	12.0"-8.0"
70+64 TO 72+80.91	13.1"-8.7"	12.0"-7.3"

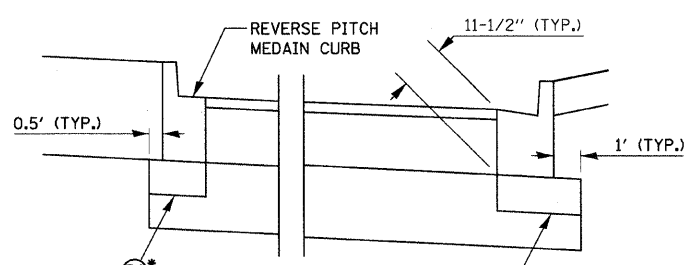
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS INDIAN TRAIL ROAD SHEET 4 OF 10 SCALE: VERT. N/A DATE 1/7/09 DRAWN BY KMA CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1503	08-00260-01-PV	KANE	176 14
STA. 72+80.91		TO STA. 54+12.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

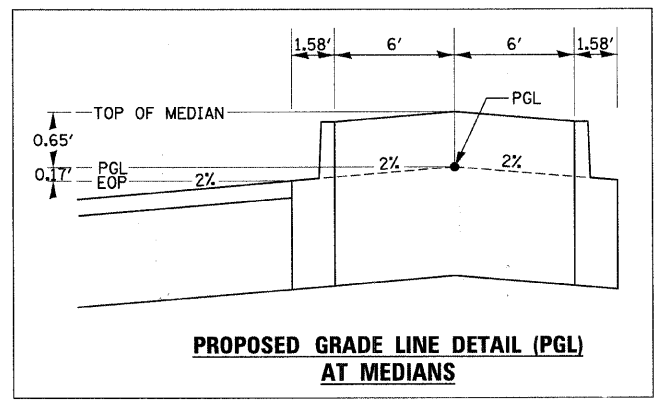


•SEE DETAIL SHEET XX FOR PATH THRU DRIVEWAYS

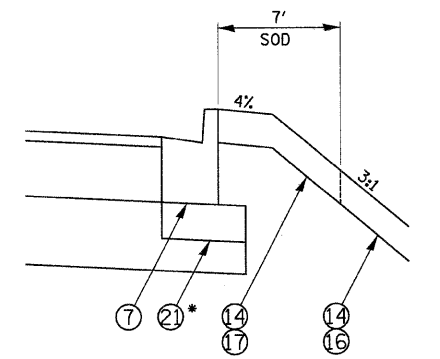
**PROPOSED INDIAN TRAIL
STA 40+97.00 TO STA 48+92.30**
••MEDIAN: STA. 43+22.60 TO STA. 48+92.30



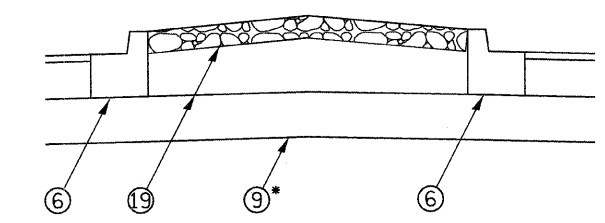
CURB THICKNESS DETAIL
THICKNESS ALSO APPLIES TO MEDIAN CURBS
•ON INDIAN TRAIL THIS ITEM INCLUDED AS PART OF AGGREGATE SUBGRADE - 12\"/>



**PROPOSED GRADE LINE DETAIL (PGL)
AT MEDIANS**



STA. 42+00 TO STA. 48+50
•ON INDIAN TRAIL THIS ITEM INCLUDED AS PART OF AGGREGATE SUBGRADE - 12\"/>



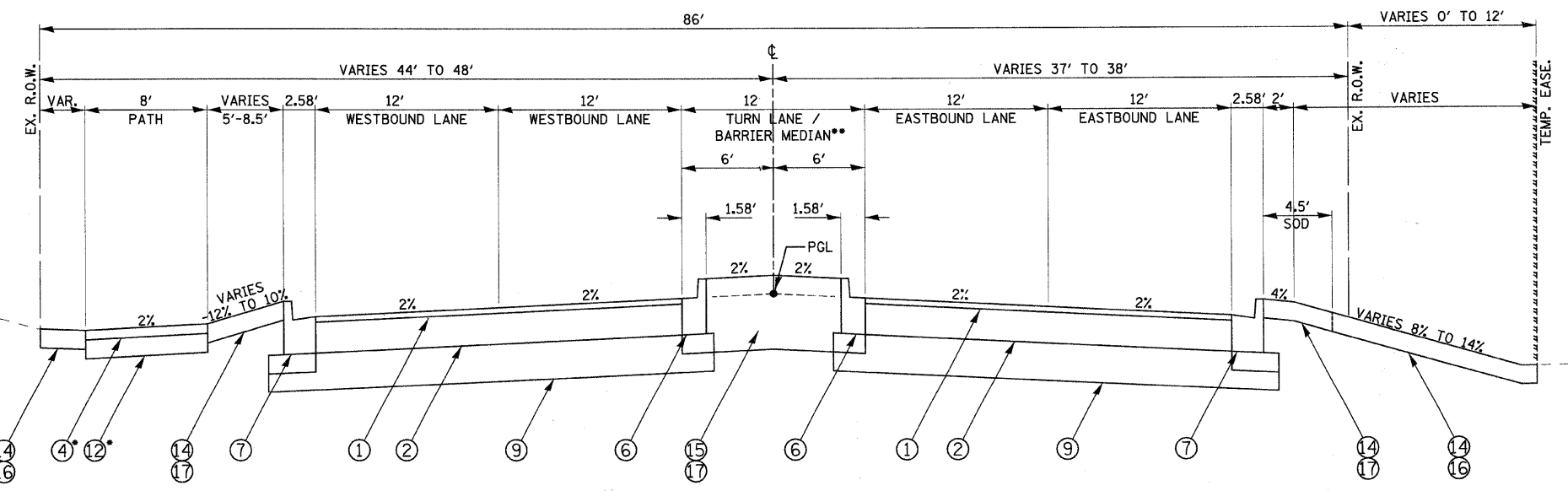
**PROPOSED MODULAR CONCRETE PAVER - SPECIAL
(CONCRETE PAVERS ON AGGREGATE BASES)**

- STA. 42+51.39 TO STA. 43+22.60
- STA. 60+34.52 TO STA. 61+37.07
- STA. 62+75.56 TO STA. 63+39.86
- STA. 69+66.75 TO STA. 70+31.05

• AGGREGATE SUBGRADE, 12\"/>

LEGEND, PROPOSED

- ① POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2" (40603595)
- ② POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2" (40603240)
- ③ HMA BINDER COURSE, IL-19.0, N50, 4" (40603080)
- ④ HMA SURFACE COURSE, MIX "C", N50, 2" (40603310)
- ⑤ HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- ⑧ CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- ⑨ AGGREGATE SUBGRADE, 12" (Z0001050)
- ⑩ GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- ⑫ SUB-BASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- ⑬ PCC SIDEWALK, 5" (6" THRU DRIVEWAYS) (42400200/42400300)
- ⑭ TOPSOIL FURNISH AND PLACE, 6" (XX005238)
- ⑮ TOPSOIL FURNISH AND PLACE, 24" (XX005238)
- ⑯ SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- ⑰ SODDING, SALT TOLERANT (25200110)
- ⑱ STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A (44300900)
- ⑲ MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- ⑳ AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- ㉑ SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (CA-7)(TO BE PAID AS Z0001050)
- ㉒ LEVELING BINDER (MACHINE METHOD), N70 (40600635)



•SEE DETAIL SHEET *107 FOR PATH THRU DRIVEWAYS

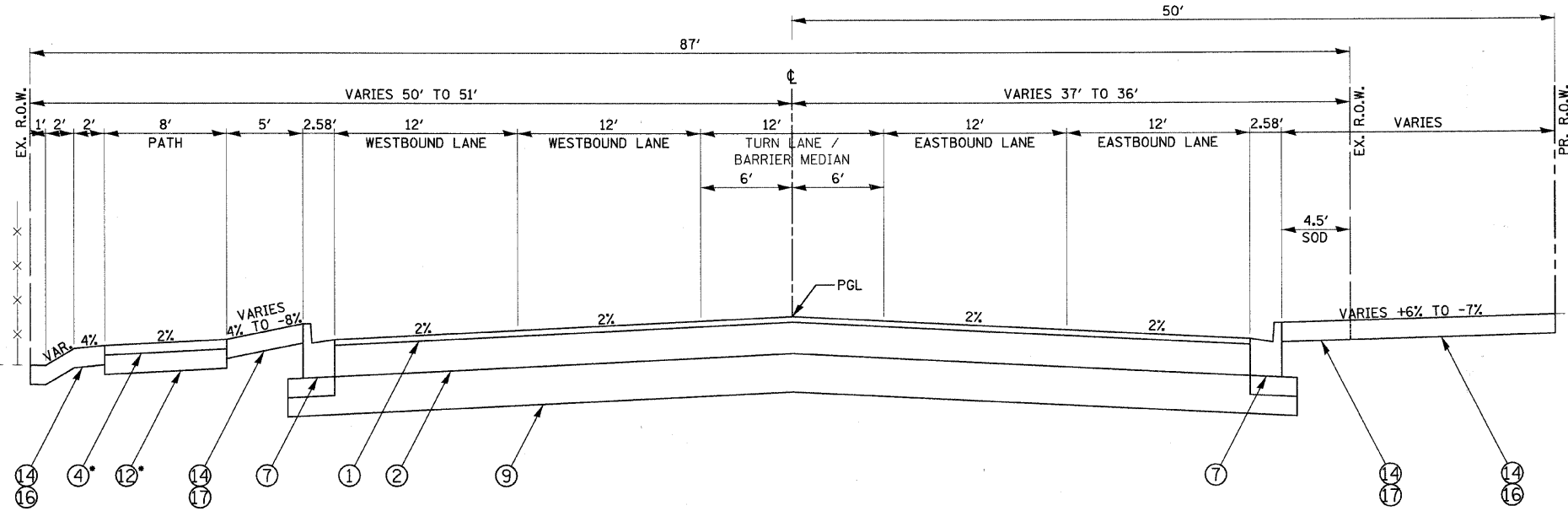
**PROPOSED INDIAN TRAIL
STA 48+92.30 TO STA 54+12.32**
••MEDIAN: STA. 48+92.30 TO STA. 52+16.30

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS INDIAN TRAIL ROAD SHEET 5 OF 10

RHAA
Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 064-02569
Phone No. 630-584-3530

SCALE: VERT. DATE 1/7/09
DRAWN BY KMA
CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	15
STA. 54+12.00		TO STA. 69+60.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



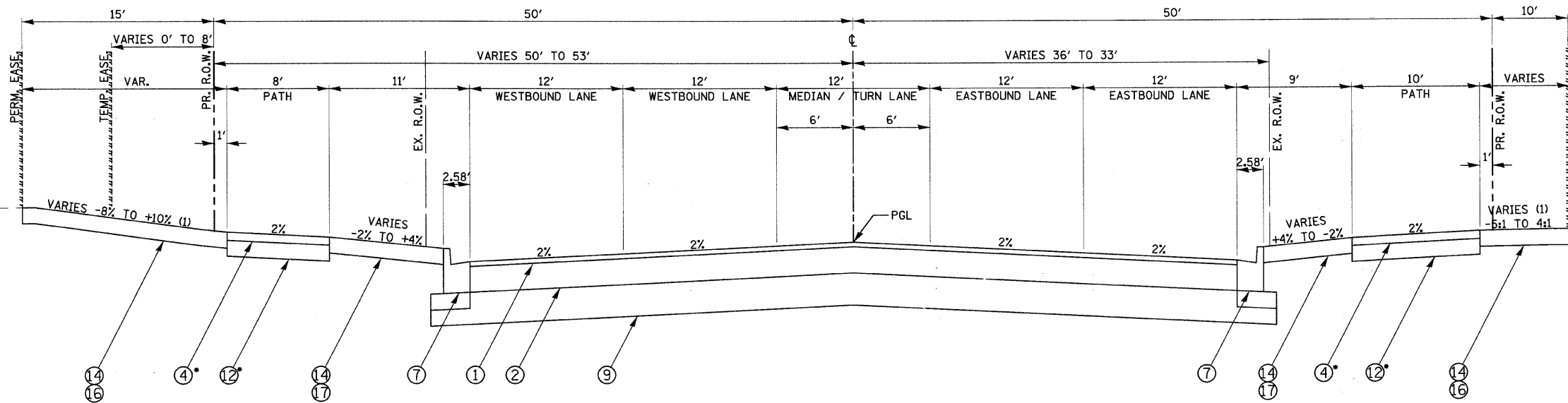
*SEE DETAIL SHEET XX FOR PATH THRU DRIVEWAYS

**PROPOSED INDIAN TRAIL
STA 54+12.32 TO STA 57+26.17**

LEGEND, PROPOSED

- ① POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2" (40603595)
- ② POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2" (40603240)
- ③ HMA BINDER COURSE, IL-19.0, N50, 4" (40603080)
- ④ HMA SURFACE COURSE, MIX "C", N50, 2" (40603310)
- ⑤ HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- ⑧ CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- ⑨ AGGREGATE SUBGRADE, 12" (Z0001050)
- ⑩ GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- ⑫ SUB-BASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- ⑬ PCC SIDEWALK, 5" (6" THRU DRIVEWAYS) (42400200/42400300)
- ⑭ TOPSOIL FURNISH AND PLACE, 6" (XX005238)
- ⑮ TOPSOIL FURNISH AND PLACE, 24" (XX005238)
- ⑯ SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- ⑰ SODDING, SALT TOLERANT (25200110)
- ⑱ STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A (44300900)
- ⑲ MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- ⑳ AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- ㉑ SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (CA-7)(TO BE PAID AS Z0001050)
- ㉒ LEVELING BINDER (MACHINE METHOD), N70 (40600635)

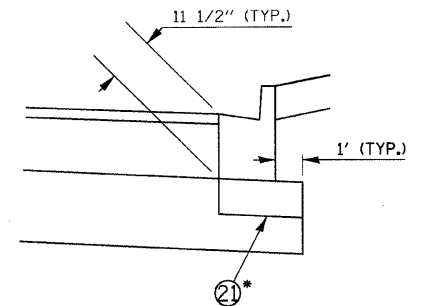
(1) A 2' SHOULDER @ 4% IS PROVIDED WHERE SLOPE > 6%.



*SEE DETAIL SHEET *107 FOR PATH THRU DRIVEWAYS

**PROPOSED INDIAN TRAIL
STA 57+26.17 TO STA 69+59.73**

*SEE DETAIL SHEET *107 FOR PATH THRU DRIVEWAYS



CURB THICKNESS DETAIL

*ON INDIAN TRAIL THIS ITEM INCLUDED AS PART OF AGGREGATE SUBGRADE - 12" (Z0001050)

PLOT DATE = 6/25/2009
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

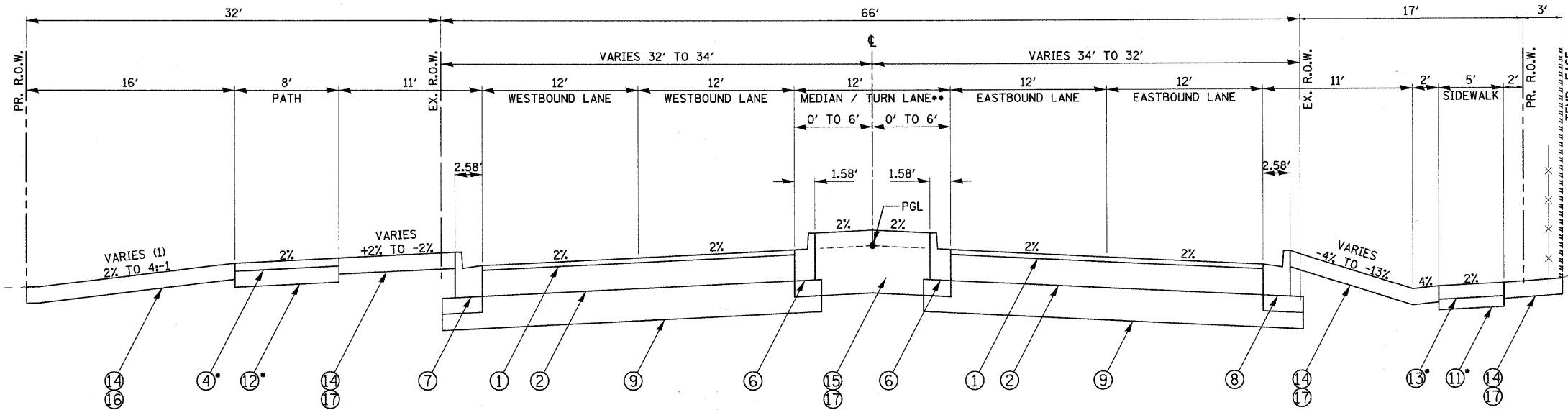
TYPICAL SECTIONS
INDIAN TRAIL ROAD
SHEET 6 OF 10

SCALE: VERT. N/A
HORIZ. N/A
DATE 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	16
STA. 69+60.00		TO STA. 72+77.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

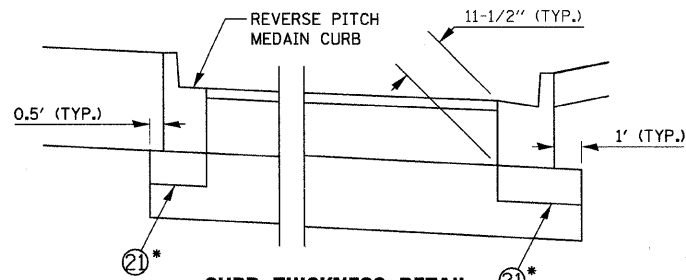
(1) A 2' SHOULDER @ 4% IS PROVIDED WHERE SLOPE > 6%.



•SEE DETAIL SHEET #107 FOR PATH THRU DRIVEWAYS

•SEE DETAIL SHEET #107 FOR SIDEWALK THRU DRIVEWAYS

**PROPOSED INDIAN TRAIL
STA 69+59.73 TO STA 72+80.91**
••MEDIAN: STA. 70+28.9 TO 72+38.8



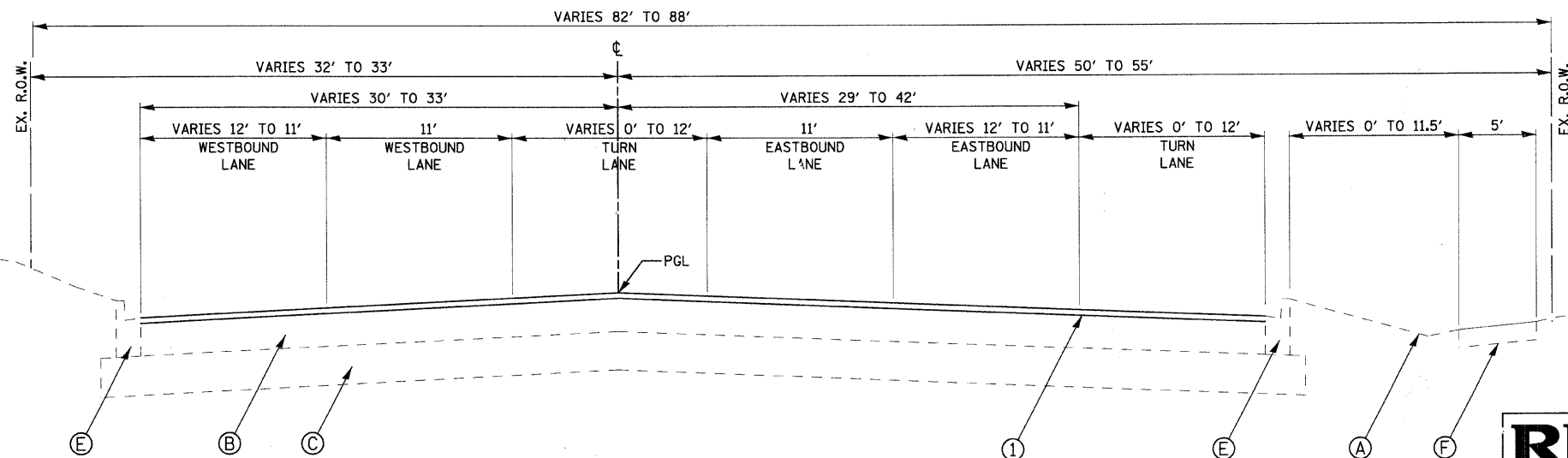
CURB THICKNESS DETAIL
THICKNESS ALSO APPLIES TO MEDIAN CURBS
•ON INDIAN TRAIL THIS ITEM INCLUDED AS PART OF AGGREGATE SUBGRADE - 12\"/>

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXIST. AGGREG. SHLDR. - TO BE REMOVED (INCLUDED IN EARTH EXCAV. - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2\") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)

LEGEND, PROPOSED

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2\"/>
- (2) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2\"/>
- (3) HMA BINDER COURSE, IL-19.0, N50, 4\"/>
- (4) HMA SURFACE COURSE, MIX "C", N50, 2\"/>
- (5) HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2\"/>
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- (8) CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- (9) AGGREGATE SUBGRADE, 12\"/>
- (10) GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- (11) SUB-BASE GRANULAR MATERIAL, TYPE B, 4\"/>
- (12) SUB-BASE GRANULAR MATERIAL, TYPE B, 8\"/>
- (13) PCC SIDEWALK, 5\"/>
- (14) TOPSOIL FURNISH AND PLACE, 6\"/>
- (15) TOPSOIL FURNISH AND PLACE, 24\"/>
- (16) SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- (17) SODDING, SALT TOLERANT (25200110)
- (18) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A (44300900)
- (19) MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- (20) AGGREGATE SHOULDERS, TYPE A 6\"/>
- (21) SUB-BASE GRANULAR MATERIAL, TYPE B, 6\"/>
- (22) LEVELING BINDER (MACHINE METHOD), N70 (40600635)



**PROPOSED INDIAN TRAIL
STA. 72+80.91 TO STA. 75+13.53**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

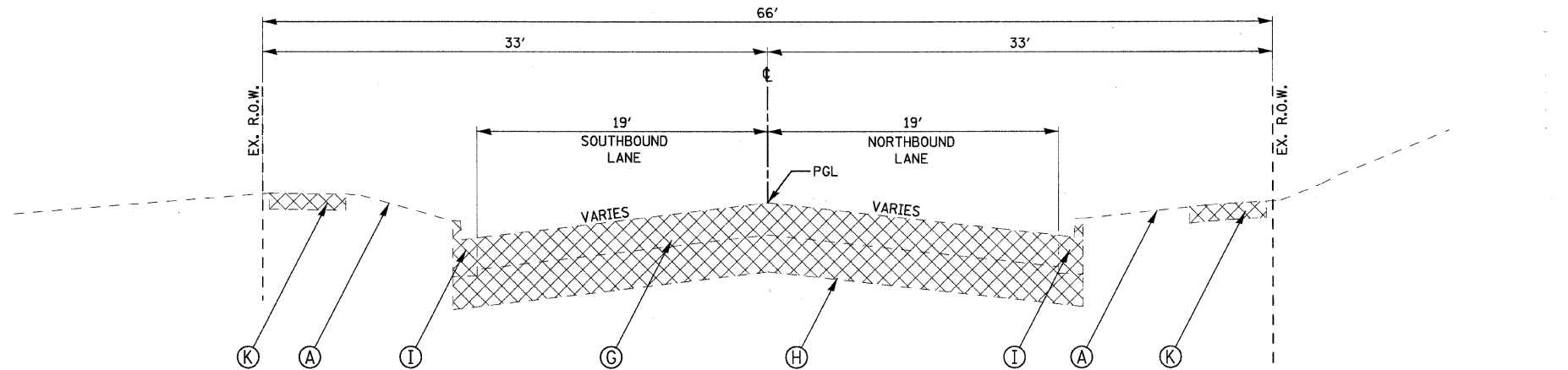
TYPICAL SECTIONS
INDIAN TRAIL ROAD
SHEET 7 OF 10

SCALE: VERT. N/A
HORIZ. 1/7/09
DRAWN BY KMA
CHECKED BY TC/SBP

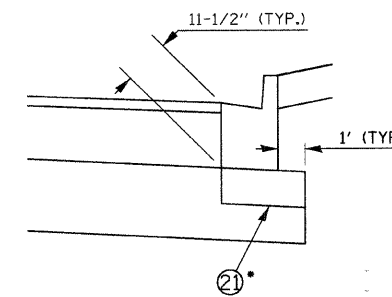


PLOT DATE = 5/26/2009
 PLOT SCALE = N/A
 USER NAME = USER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	17
STA. 404+10.00		TO STA. 404+63.26		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

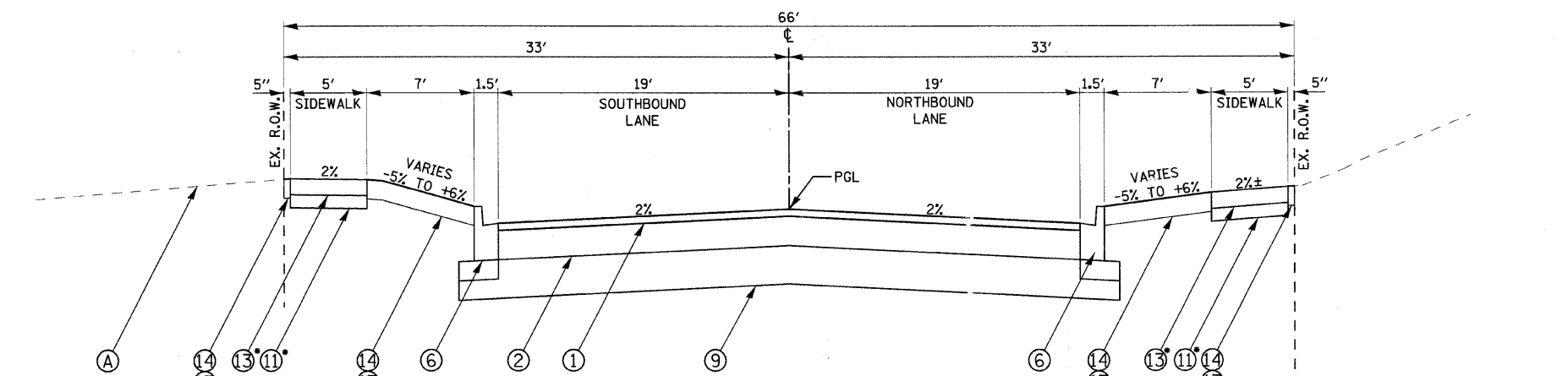


**EXISTING OHIO STREET
STA 404+10 TO STA 404+63.26**



SIDE STREET CURB THICKNESS DETAIL

*ON OHIO STREET THIS ITEM INCLUDED AS PART OF AGGREGATE SUBGRADE - 12" (Z0001050)



**PROPOSED OHIO STREET
STA 404+10.00 TO STA 404+63.26**

*SEE DETAIL SHEET #107 FOR SIDEWALK THRU DRIVEWAYS

*SEE DETAIL SHEET #107 FOR SIDEWALK THRU DRIVEWAYS

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXISTING AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)

LEGEND, PROPOSED

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2" (40603595)
- (2) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2" (40603240)
- (3) HMA BINDER COURSE, IL-19.0, N50, 4" (40603080)
- (4) HMA SURFACE COURSE, MIX "C", N50, 2" (40603310)
- (5) HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2"
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- (8) CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- (9) AGGREGATE SUBGRADE, 12" (Z0001050)
- (10) GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- (11) SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- (12) SUB-BASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- (13) PCC SIDEWALK, 5" (6" THRU DRIVEWAYS) (42400200/42400300)
- (14) TOPSOIL FURNISH AND PLACE, 6" (XX005238)
- (15) TOPSOIL FURNISH AND PLACE, 24" (XX005238)
- (16) SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- (17) SODDING, SALT TOLERANT (25200110)
- (18) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A (44300900)
- (19) MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- (20) AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- (21) SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (CA-7)(TO BE PAID AS Z0001050)
- (22) LEVELING BINDER (MACHINE METHOD), N70 (40600635)

APPROXIMATE EXISTING PAVEMENT DEPTH

STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
39+48.92 TO 42+64	11.0"	2.0"
42+64 TO 48+64	8.5"-11.0"	2.0"-4.5"
48+64 TO 63+64	8.5"-9.0"	4.5"-12.0"
63+64 TO 70+64	9.0"-13.1"	12.0"-8.0"
70+64 TO 72+80.91	13.1"-8.7"	12.0"-7.3"

**OHIO, AUTUMN & TRASK
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
 PV = 5300 SU = 53 MU = 53
 ROAD/STREET CLASSIFICATION: Class II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 98 S = 1 M = 1
 TRAFFIC FACTOR: Actual TF = 0.22 AC Type = PG 58-22
 Minimum TF = N/A
 PG GRADE: Binder = PG 58-22 Surface = PG 64-28 OR SBS PG
 SUBGRADE SUPPORT RATING: SSR = POOR



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
OHIO STREET
SHEET 8 OF 10

SCALE: VERT. N/A
HORIZ. 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP

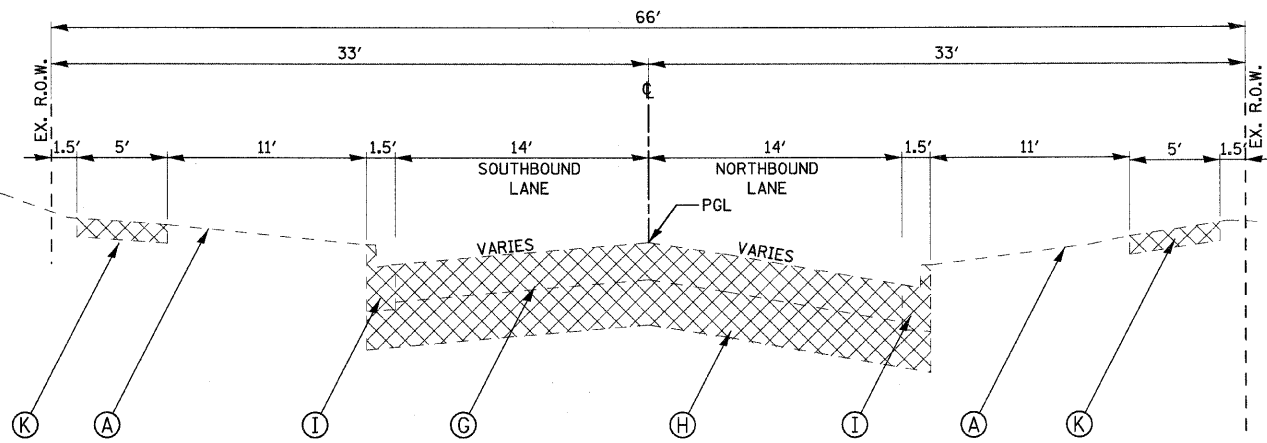
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	18
STA. 500+23.22		TO STA. 501+10.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND, EXISTING

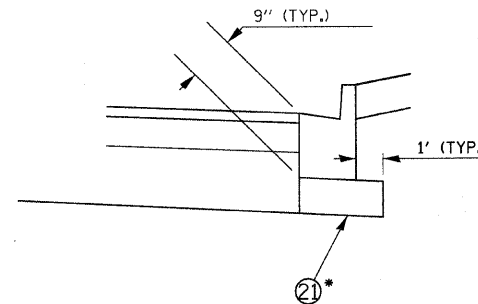
- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXIST. AGGREG. SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)

LEGEND, PROPOSED

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2" (40603595)
- (2) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2" (40603240)
- (3) HMA BINDER COURSE, IL-19.0, N50, 4" (40603080)
- (4) HMA SURFACE COURSE, MIX "C", N50, 2" (40603310)
- (5) HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2"
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- (8) CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- (9) AGGREGATE SUBGRADE, 12" (Z0001050)
- (10) GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- (11) SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- (12) SUB-BASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- (13) PCC SIDEWALK, 5" (6" THRU DRIVEWAYS) (42400200/42400300)
- (14) TOPSOIL FURNISH AND PLACE, 6" (XX005238)
- (15) TOPSOIL FURNISH AND PLACE, 24" (XX005238)
- (16) SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- (17) SODDING, SALT TOLERANT (25200110)
- (18) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A (44300900)
- (19) MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- (20) AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- (21) SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (CA-7) TO BE PAID AS Z0001050
- (22) LEVELING BINDER (MACHINE METHOD), N70 (40600635)

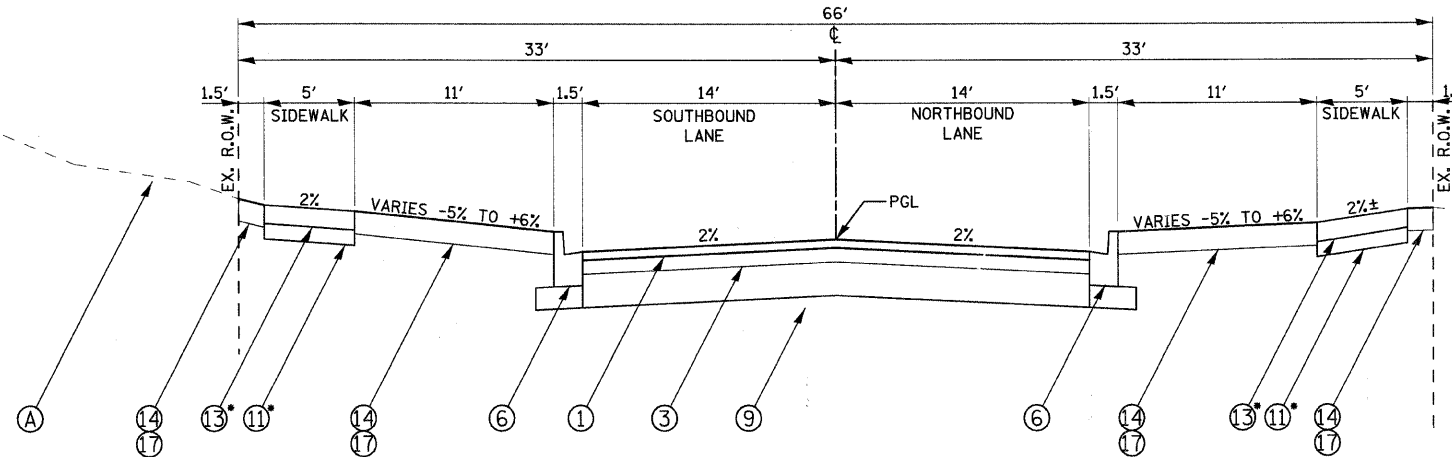


**EXISTING AUTUMN LANE
STA 500+23.22 TO 501+10.00**



SIDE STREET CURB THICKNESS DETAIL

*ON AUTUMN LN. THIS ITEM WILL BE PAID FOR UNDER ITEM 31102300



**PROPOSED AUTUMN LANE
STA 500+23.22 TO 501+10.00**

*SEE DETAIL SHEET #107 FOR SIDEWALK THRU DRIVEWAYS

*SEE DETAIL SHEET #107 FOR SIDEWALK THRU DRIVEWAYS

APPROXIMATE EXISTING PAVEMENT DEPTH

STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
39+48.92 TO 42+64	11.0"	2.0"
42+64 TO 48+64	8.5"-11.0"	2.0"-4.5"
48+64 TO 63+64	8.5"-9.0"	4.5"-12.0"
63+64 TO 70+64	9.0"-13.1"	12.0"-8.0"
70+64 TO 72+80.91	13.1"-8.7"	12.0"-7.3"

**OHIO, AUTUMN & TRASK
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
 PV = 5300 SU = 53 MU = 53
 ROAD/STREET CLASSIFICATION: Class II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 98 S = 1 M = 1
 TRAFFIC FACTOR: Actual TF = 0.22 AC Type = PG 58-22
 Minimum TF = N/A
 PG GRADE: Binder = PG 58-22 Surface = PG 64-28 OR SBS PG
 SUBGRADE SUPPORT RATING: SSR = POOR



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
AUTUMN LANE
SHEET 9 OF 10

SCALE: VERT. N/A
HORIZ. N/A
DATE 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	19
STA. 603+83.11		TO STA. 606+64.10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESSES
- (C) EXISTING AGGREGATE BASE - SEE TABLE FOR THICKNESSES
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (H) EXIST. AGGREG. SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) EXISTING COMB. CURB AND GUTTER - TO BE REMOVED (44000500)
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL, (2") (44000157)
- (K) EXISTING PCC SIDEWALK - TO BE REMOVED (44000600)
- (L) SAW CUT (FULL DEPTH)

LEGEND, PROPOSED

- (1) POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 2" (40603595)
- (2) POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 9-1/2" (40603240)
- (3) HMA BINDER COURSE, IL-19.0, N50, 4" (40603080)
- (4) HMA SURFACE COURSE, MIX "C", N50, 2" (40603310)
- (5) HMA BASE COURSE WIDENING, IL-19.0, N90, 9-1/2"
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 (60603800)
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (60605000)
- (8) CONCRETE MEDIAN, TYPE SB-6.12 (60619600)
- (9) AGGREGATE SUBGRADE, 12" (Z0001050)
- (10) GEOTECHNICAL FABRIC FOR GRND. STABILIZATION (21001000)
- (11) SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- (12) SUB-BASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- (13) PCC SIDEWALK, 5" (6" THRU DRIVEWAYS) (42400200/42400300)
- (14) TOPSOIL FURNISH AND PLACE, 6" (XX005238)
- (15) TOPSOIL FURNISH AND PLACE, 24" (XX005238)
- (16) SEEDING CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
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- (19) MODULAR CONCRETE PAVER (SPECIAL) ON AGGREGATE BASES (XX005845)
- (20) AGGREGATE SHOULDERS, TYPE A 6" (48100500)
- (21) SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (CA-7)(TO BE PAID AS Z0001050)
- (22) LEVELING BINDER (MACHINE METHOD), N70 (40600635)

APPROXIMATE EXISTING PAVEMENT DEPTH

STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
39+48.92 TO 42+64	11.0"	2.0"
42+64 TO 48+64	8.5"-11.0"	2.0"-4.5"
48+64 TO 63+64	8.5"-9.0"	4.5"-12.0"
63+64 TO 70+64	9.0"-13.1"	12.0"-8.0"
70+64 TO 72+80.91	13.1"-8.7"	12.0"-7.3"

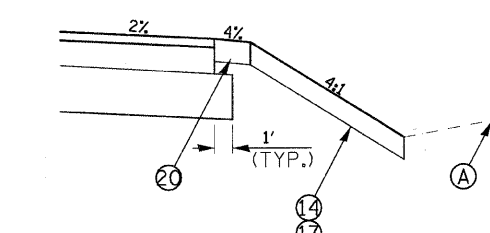
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

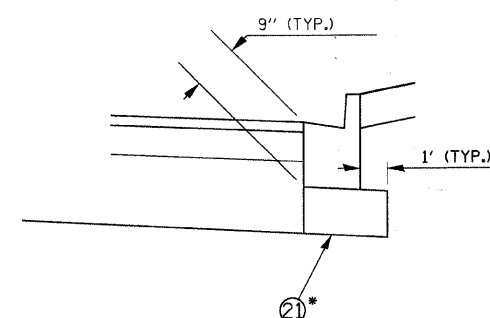
TYPICAL SECTIONS
TRASK STREET
SHEET 10 OF 10

SCALE: VERT. N/A
HORIZ. 1/7/09

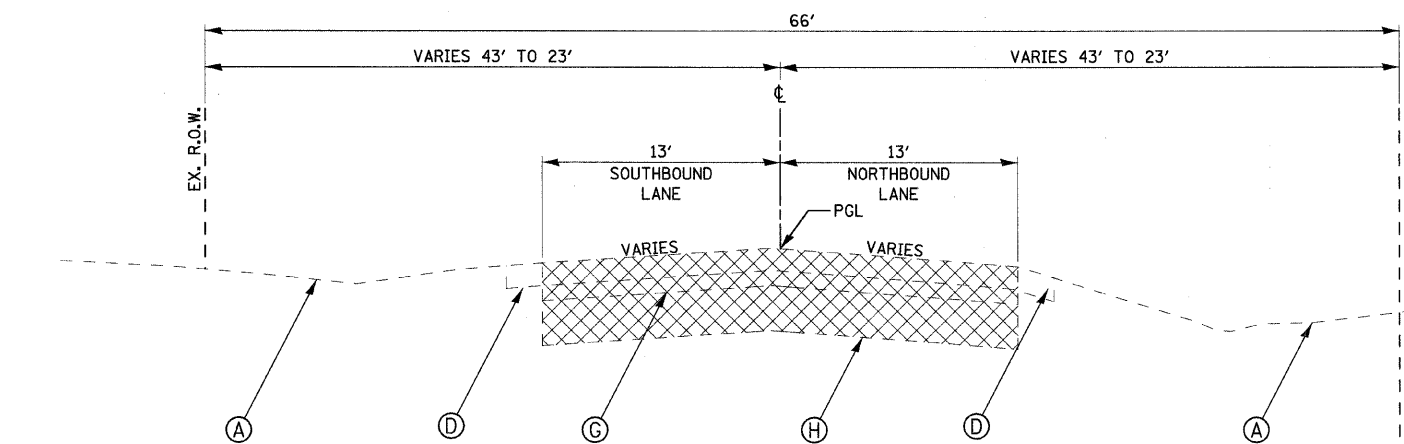
DRAWN BY KMA
CHECKED BY TC/SBP



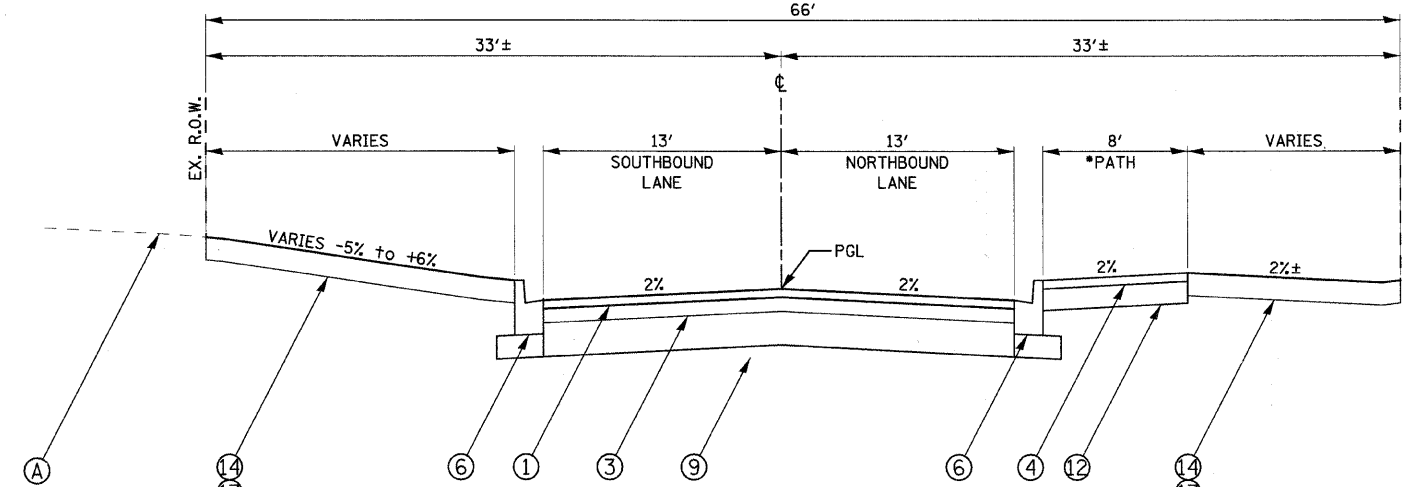
AGGREGATE SHOULDER SECTION
LEFT: STA. 605+94.16 TO STA. 606+64.10
RIGHT: STA. 605+94.16 TO STA. 606+64.10



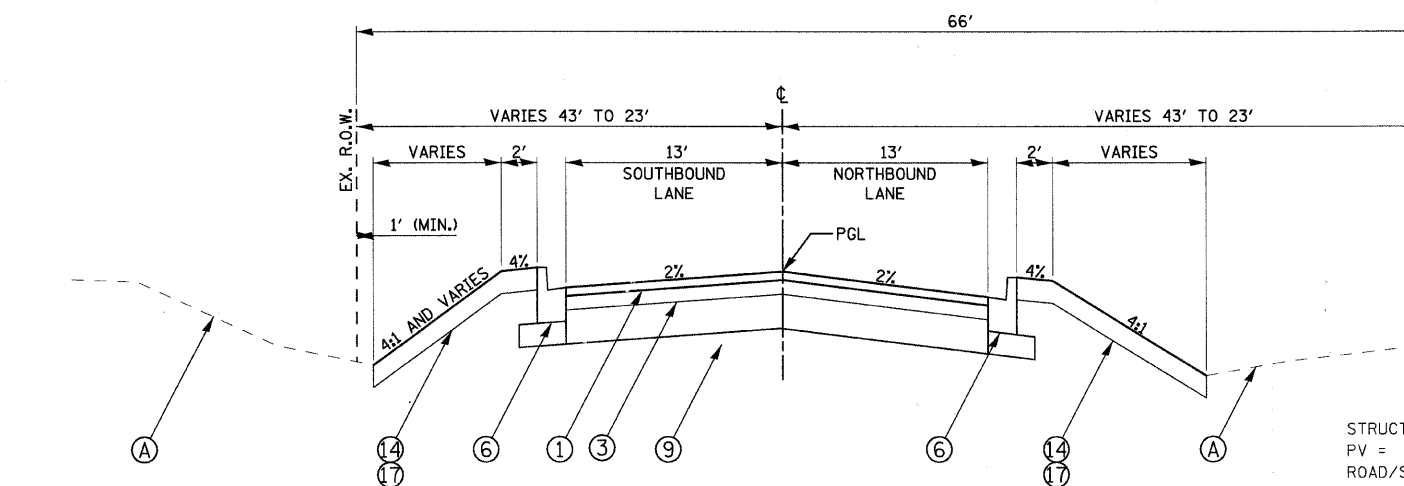
SIDE STREET CURB THICKNESS DETAIL
*ON TRASK STR. THIS ITEM WILL BE PAID FOR UNDER ITEM 31102300



EXISTING TRASK STREET
STA 603+82.16 TO STA 606+64.10
STA 607+24.37 TO STA 609+00.00



PROPOSED TRASK STREET
STA 603+82.16 TO STA 606+64.10
*PATH: STA. 605+94.16 TO STA. 606+64.10



PROPOSED TRASK STREET
STA 607+24.37 TO STA 609+00.00

**OHIO, AUTUMN & TRASK
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
PV = 5300 SU = 53 MU = 53
ROAD/STREET CLASSIFICATION: Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 98 S = 1 M = 1
TRAFFIC FACTOR: Actual TF = 0.22 AC Type = PG 58-22
Minimum TF = N/A
PG GRADE: Binder = PG 58-22 Surface = PG 64-28 OR SBS PG
SUBGRADE SUPPORT RATING: SSR = POOR

PLOT DATE = 6/26/2009
 PLOT SCALE = N/A
 USER NAME = JUSER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	20
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DRAINAGE NUMBER	TYPE	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT NORTH	INVERT NORTHEAST	INVERT NORTHWEST	INVERT SOUTH	INVERT SOUTHWEST	INVERT SOUTHEAST	INVERT EAST	INVERT WEST
86	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	41+02	42.50	RT	748.23	742.35							FIELD VERIFY
87	CATCH BASIN, TYPE A, 5' DIAMETER, TYPE 24 FRAME AND GRATE	41+02	30	LT	747.31			744.00	740.90				
88	INLETS, TYPE A, TYPE 8 GRATE	40+75	55	LT	746.50						744.19		
89	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	41+02	6	LT	747.79	740.78			742.13			740.78	
90	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	41+02	30	RT	747.31	742.31			742.31				
94	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	42+60	30	LT	745.66				741.47				
95	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	42+60	4	LT	746.17	740.95						739.84	739.84
97	INLETS, TYPE A, TYPE 8 GRATE	43+60	49	LT	743.70				741.40				
98	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	43+60	30	LT	744.62	741.30			739.62				
99	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	43+60	3	LT	745.08	739.48			738.83			738.54	739.04
100	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	43+60	30	RT	744.62	739.00					739.00		
101	INLETS, TYPE B, TYPE 8 GRATE	44+00	47	RT	742.58			739.22					
102	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	44+45	30	LT	743.73				738.73				
103	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	44+45	3	LT	744.70	738.59			738.56			738.20	738.20
104	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	44+45	30	RT	743.73	738.73							
105	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	45+00	30	LT	743.24				738.24				
106	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	45+00	3	LT	744.27	738.10						737.76	737.76
108	INLETS, TYPE A, TYPE 8 GRATE	45+50	49	LT	742.64				740.09				
109	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	45+50	30	LT	742.95	740.00			738.01				
110	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	45+50	3	LT	743.98	737.87						737.46	737.46
112	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	46+07	30	LT	742.82							737.87	
113	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	46+17	30	LT	742.82				737.82				737.82
114	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	46+17	3	LT	743.61	737.68			733.12			733.12	733.12
115	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	46+07	30	RT	742.82							737.87	
116	CATCH BASIN, TYPE A, 5' DIAMETER, TYPE 24 FRAME AND GRATE	46+17	30	RT	742.82	733.29			733.29				737.82
116A	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	46+17	47	RT	742.90	733.37							
117	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	47+00	30	LT	743.02				738.02				
118	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	47+00	3	LT	744.05	737.88			737.35			732.20	732.70
120	INLETS, TYPE A, TYPE 8 GRATE	47+00	47	RT	742.40	737.60							
121	INLETS, TYPE A, TYPE 8 GRATE	48+26	49	LT	743.35						740.85		
125	INLETS, TYPE A, TYPE 8 GRATE	48+80	49	LT	744.00				741.34				

NOTES:

- STORM SEWER STRUCTURES 1-85 LOCATED ALONG INDIAN TRAIL ROAD AND WEST OF CHURCH ROAD, ARE LOCATED OUTSIDE THE LIMITS OF THIS PROJECT.
- THE OFFSETS TO DRAINAGE STRUCTURES LOCATED IN THE CURB LINE ARE MEASURED TO THE EDGE OF PAVEMENT AND NOT TO THE CENTER OF THE STRUCTURE.

THE OFFSETS TO DRAINAGE STRUCTURES LOCATED WITHIN THE PAVMENT ARE MEASURED TO THE CENTER OF THE STRUCTURE.

THE OFFSETS TO DRAINAGE STRUCTURES LOCATED OUTSIDE THE CURB LINE ARE MEASURED TO THE CENTER OF THE STRUCTURE.
- ALL MANHOLE COVERS SHALL BE STAMPED WITH "CITY OF AURORA".

PLOT DATE = 1/5/2009
 FILE NAME = H:\Aurora\120809_1TPh\1\Civil\Sheet\DRN_SCH.Ldgn
 PLOT SCALE = N/A
 USER NAME = JGER.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

SHEET 1 OF 4

SCALE: VERT. DATE 1/7/09
 HORIZ. N/A
 DRAWN BY TC
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	21
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DRAINAGE NUMBER	TYPE	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT NORTH	INVERT NORTHEAST	INVERT NORTHWEST	INVERT SOUTH	INVERT SOUTHWEST	INVERT SOUTHEAST	INVERT EAST	INVERT WEST
126	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	48+80	30	LT	744.44	741.25		740.57	739.44				
127	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	48+80	3	LT	745.47	738.90			738.00			731.30	731.30
128	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	48+80	30	RT	744.43	738.16			738.16				
129	INLETS, TYPE A, TYPE 8 GRATE	48+80	46	RT	742.60	738.20							
133	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	50+20	30	LT	745.59				741.59				
134	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	50+20	3	LT	746.62	741.32			740.26			730.46	730.46
135	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	50+20	30	RT	745.59	740.59							
137	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	52+00	3	LT	746.82				739.80			729.20	729.20
138	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	52+00	30	RT	745.79	740.79							
139	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	52+75	30	LT	744.89				741.39				
140	JUNCTION CHAMBER, TYPE 1 FRAME, CLOSED LID	52+75	6	LT	745.37	741.27			727.19			727.19	728.69
141	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	52+75	25	RT	745.03	727.38			727.38 EXIST				
144	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	53+95	65	LT	741.63						738.02		
146	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	54+20	39	LT	742.33	726.91 EXIST		737.83	726.91				
147	JUNCTION CHAMBER, TYPE 1 FRAME, CLOSED LID	54+17	6	LT	742.59	726.81			736.82			726.77	726.77
148	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	54+17	30	RT	742.00	737.00							
152	INLETS, TYPE A, TYPE 8 GRATE	56+83	49	LT	736.00					733.20			
153	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	56+66	30	LT	736.54		733.07		733.07				
154	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	56+66	6	LT	737.02	732.95			731.36			726.28	726.28
155	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	56+66	30	RT	736.54	731.54							
156	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	607+57	13	LT	734.67				731.34				
157	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	607+51	13	LT	734.60	731.30						731.30	
158	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	607+51	24	RT	734.53		731.13						
159	CATCH BASIN, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	607+57	27	RT	735.01		730.17 EXIST		731.10	731.10			731.10
160	JUNCTION CHAMBER, TYPE 1 FRAME, CLOSED LID	57+60	6	LT	735.07	731.00			726.12			726.09	726.09
161	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	606+38	16	LT	734.95				731.19				
162	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	606+28	14	LT	734.63	731.14						731.14	
163	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	606+37	16	RT	734.71				729.68				
164	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	606+28	13	RT	734.63	729.63					729.49		731.00
165	CATCH BASINS, TYPE A, 5' DIAMETER, TYPE 8 GRATE	606+16	23	RT	734.53	726.38		729.40	726.38			732.29 EXIST	732.19 EXIST
170	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	58+50	6	LT	733.74				728.08			725.20	725.20

NOTES:

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PLOT DATE = 1/9/2009
 FILE NAME = H:\Aurora\120895_17PH\170.dwg
 USER = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

SHEET 2 OF 4

SCALE: VERT. DRAWN BY TC
 HORIZ. N/A
 DATE 1/7/09 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	22
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE NUMBER	TYPE	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT NORTH	INVERT NORTHEAST	INVERT NORTHWEST	INVERT SOUTH	INVERT SOUTHWEST	INVERT SOUTHEAST	INVERT EAST	INVERT WEST
171	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	58+50	30	RT	733.26	728.26							
173	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	59+00	6	LT	733.23				727.57			724.70	724.70
174	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	59+00	30	RT	732.75	727.75							
177	INLETS, TYPE A, TYPE 8 GRATE	59+90	60	LT	731.90				728.95				
178	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	59+90	30	LT	732.22	728.80			726.72				
179	JUNCTION CHAMBER, TYPE 1 FRAME, CLOSED LID	59+90	6	LT	732.70	726.60			727.04			724.16	724.16
180	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	59+90	30	RT	732.22	727.22							
181	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	60+50	30	LT	731.92				728.43				
182	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	60+50	5	LT	732.42	728.30						723.68	723.68
184	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	61+00	5	LT	732.14				726.74			723.18	723.18
185	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	61+00	30	RT	731.92	726.92							
188	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	62+00	30	LT	731.17				726.17				
189	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	62+00	5	LT	731.65	726.04			725.99			722.28	722.28
190	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	62+00	30	RT	731.17	726.17							
192	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	62+50	5	LT	731.40				725.74			721.44	721.44
193	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	62+50	30	RT	730.92	725.92							
194	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	63+00	30	LT	730.67				725.67				
195	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	63+00	5	LT	731.15	725.54			725.49			720.94	720.94
196	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	63+00	30	RT	730.67	725.67							
198	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	63+50	6	LT	730.87				725.21			720.54	720.54
199	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	63+50	30	RT	730.39	725.39							
203	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	64+90	30	LT	728.95				723.95				
204	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	64+90	6	LT	729.43	723.83			723.77			718.43	718.43
205	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	64+90	30	RT	728.95	723.95							
206	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	65+69	30	LT	727.95				722.95				
207	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	65+69	6	LT	728.43	722.83			722.77			717.24	717.24
208	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	65+69	30	RT	727.95	722.95					722.95		
209	INLETS, TYPE A, TYPE 8 GRATE	66+15	52	RT	727.42		723.21						
213	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	68+15	30	LT	724.83				719.83				
214	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	68+15	6	LT	725.31	719.71			719.65			714.78	714.78
215	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	68+15	30	RT	724.83	719.83							

NOTES:

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PLOT DATE = 1/5/2009
 FILE NAME = H:\Aurora\120895\17P\11\G\11\SH\DRN_SCH_3.dgn
 PLOT SCALE = N/A
 USER NAME = JGERL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

SHEET 3 OF 4

SCALE: VERT. DRAWN BY TC
 HORIZ. N/A
 DATE 1/7/09 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	23
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DRAINAGE NUMBER	TYPE	STATION	OFFSET	LT/RT	RIM ELEVATION	INVERT NORTH	INVERT NORTHEAST	INVERT NORTHWEST	INVERT SOUTH	INVERT SOUTHWEST	INVERT SOUTHEAST	INVERT EAST	INVERT WEST
220	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	69+95	6	LT	723.02				717.34			712.45	712.45
221	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	69+95	30	RT	722.52	717.52							
222	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	70+85	30	LT	721.39				716.39				
223	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	70+85	5	LT	721.87	716.26			716.21			711.82	711.82
224	CATCH BASIN, TY C, TYPE 24 FRAME AND GRATE	70+85	30	RT	721.39	716.39							
225	MANHOLE, TYPE A, 6 DIA, TYPE 1 FRAME, CLOSED LID	72+12	70	LT	717.00			709.50		709.50			
226	MANHOLE, TYPE A, 6' DIAMETER, TYPE 24 FRAME AND GRATE	72+05	30	LT	719.12	711.05			711.05				
226A	CATCH BASIN, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	72+05	52	LT	718.50		711.00		711.00				
227	JUNCTION CHAMBER, TYPE 1 FRAME, CLOSED LID	72+05	5	LT	719.63	711.15			713.89				711.15
228	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	72+05	30	RT	719.15	714.07			714.07				
229	INLETS, TYPE A, TYPE 8 GRATE	71+90	39	RT	719.25	714.13							
271	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 8 GRATE	603+73	22	RT	734.66	726.96						726.96 EXIST	
272	INLETS, TYPE A, TYPE 8 GRATE	604+95	25	LT	735.35				730.96				
273	MANHOLES, TYPE A, 4' DIAMETER, TYPE 8 GRATE	604+67	26	LT	734.36	730.81						730.81	
274	CATCH BASINS, TYPE A, 5' DIAMETER, TYPE 8 GRATE	604+67	23	RT	734.07	726.68			726.68				730.66

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PLOT DATE = 1/5/2009
 FILE NAME = H:\Aurora\120805.LTP\T.C\1503\DRN_SCH.dgn
 PLOT SCALE = N/A
 USER NAME = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

 DRAINAGE SCHEDULE

 SHEET 4 OF 4

 SCALE: VERT. DRAWN BY TC
 HORIZ. N/A CHECKED BY TC/SBP
 DATE 1/7/09

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	24
STA. 20+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROP. CURVE HIGH1-1
 PI STA. = 206+96.89
 $\Delta = 40^\circ 32' 51''$ (LT)
 $D = 36^\circ 29' 39''$
 $R = 157.00'$
 $T = 57.99'$
 $L = 111.11'$
 $E = 10.37'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA = 206+38.89$
 $P.T. STA = 207+50.00$

POINT	NORTH	EAST	STATION	O/S
CP*90	1863264.7142	992643.0004	22+45.40	47.22 LT
CP*83	1863178.1059	992989.3508	25+89.91	46.45 RT
CP*98	1863297.7762	993288.0823	28+91.03	67.10 LT
CP*97	1863191.7030	993399.1113	29+99.87	41.22 RT
CP*70	1863288.3620	993854.2141	34+56.85	46.12 LT
CP*76	1863188.1907	994210.7929	38+11.31	61.31 RT
CP*71	1863438.3515	994406.8936	308+93.97	47.75 LT
CP*74	1863695.9571	994809.6932	313+61.70	26.75 RT
CP*42	1863282.3660	995285.2341	48+89.10	47.45 LT

PROP. CURVE CHURCH1-2
 PI STA. = 308+90.15
 $\Delta = 19^\circ 02' 24''$ (RT)
 $D = 4^\circ 46' 29''$
 $R = 1,200.00'$
 $T = 201.24'$
 $L = 398.77'$
 $E = 16.76'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA = 306+88.91$
 $P.T. STA = 310+87.68$

PROP. CURVE ITPROP2-2
 PI STA. = 47+64.20
 $\Delta = 8^\circ 10' 10''$ (LT)
 $D = 3^\circ 10' 59''$
 $R = 1,800.00'$
 $T = 128.54'$
 $L = 256.65'$
 $E = 4.58'$
 $e = \text{N.C.}$
 $T.R. = \text{N/A}$
 $S.E. RUN = \text{N/A}$
 $P.C. STA = 46+35.65$
 $P.T. STA = 48+92.30$

PROP. CURVE ITPROP2-1
 PI STA. = 45+07.53
 $\Delta = 8^\circ 10' 15''$ (RT)
 $D = 3^\circ 10' 59''$
 $R = 1,800.00'$
 $T = 128.56'$
 $L = 256.69'$
 $E = 4.59'$
 $e = \text{N.C.}$
 $T.R. = \text{N/A}$
 $S.E. RUN = \text{N/A}$
 $P.C. STA = 43+78.96$
 $P.T. STA = 46+35.65$

PROP. CURVE CHURCH1-1
 PI STA. = 303+79.92
 $\Delta = 25^\circ 58' 17''$ (RT)
 $D = 4^\circ 10' 56''$
 $R = 1,370.00'$
 $T = 315.93'$
 $L = 621.00'$
 $E = 35.96'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA = 300+64.00$
 $P.T. STA = 306+85.00$

STATION	NORTH	EAST
INDIAN TRAIL STA. 25+00 = HIGH ST STA. 205+00	1863223.1348	992919.4077
INDIAN TRAIL STA. 39+29.76 = CHURCH RD STA. 307+00.81	1863251.9038	994327.9707
INDIAN TRAIL PC Sta 43+78.96	1,863,261.0765	994,777.0777
INDIAN TRAIL PRC Sta 46+35.65	1,863,248.0324	995,033.2194
INDIAN TRAIL PT Sta 48+92.30	1,863,234.9873	995,289.3196
HIGH STREET POT Sta 200+00.00	1,862,723.1725	992,925.5461
HIGH STREET PC Sta 206+38.89	1,863,362.0174	992,917.7025
HIGH STREET PT Sta 207+50.00	1,863,463.6092	992,878.7514
CHURCH ROAD POT Sta 300+00.00	1,862,590.4107	994,119.6117
CHURCH ROAD PC Sta 300+64.00	1,862,654.1251	994,125.6207
CHURCH ROAD PT Sta 306+85.00	1,863,238.4346	994,319.6932
CHURCH ROAD PC Sta 306+88.91	1,863,241.7742	994,321.7284
CHURCH ROAD PT Sta 310+87.68	1,863,541.8985	994,581.5119
CHURCH ROAD POT Sta 314+00.14	1,863,741.0701	994,822.2607

TBM	Elev	Description	STA./O.S.
6	745.14	Chiseled Square on S.W. corner of concrete pad on the N side of Indian Trail	48+66.58; 52.22'LT
7	750.51	N.E. bolt on FH @ N.W. corner of Indian Trail and Church	38+80.81; 27.91'LT
8	733.64	N.E. bolt on FH @ about 550' W of Church on the N side of Indian Trail	33+35.36; 29.24'LT
9	722.43	N.E. bolt on FH @ about 100' E of private drive across bike path	30+28.91; 29.83'LT
10	705.70	S.E. bolt on FH @ S.W. corner of Indian Trail and High St	24+81.32; 39.05'RT

LEGEND

- = TEMPORARY BENCHMARK LOCATION
- = CONTROL POINT LOCATION

PLOT DATE = 1/25/2009
 FILE NAME = H:\Aurora\122009\ITPROP2-Civil\Sheet\TAB1.LT.dgn
 PLOT SCALE = 1"=50'
 USER NAME = JUSEC

POINT	NORTH	EAST	STATION	O/S
CP*52	1,863,134.3864	995,704.6160	53+04.78	109.25 RT
CP*40	1,863,293.8358	995,694.9467	52+99.36	50.40 LT
CP*36	1,863,298.0625	995,866.2991	54+70.77	50.06 LT
CP*30	1,863,303.8632	996,093.1212	56+97.66	49.81 LT
CP*58	1,863,016.2982	996,158.9850	60+45.30	34.03 RT
CP*26	1,863,225.9154	996,426.3516	60+28.75	32.96 RT
CP*21	1,863,304.8274	996,462.9378	60+67.38	44.97 LT
CP*24	1,863,236.2948	997,447.6649	70+49.91	49.66 RT
CP*10	1,863,254.4815	998,227.4623	78+29.92	52.92 RT
CP*12	1,863,244.7180	998,250.9650	78+53.14	63.33 RT

PROP. CURVE TRASK1-2
 PI STA. = 609+86.79
 $\Delta = 23^\circ 59' 44''$ (LT)
 $D = 19^\circ 50' 49''$
 $R = 288.69'$
 $T = 61.35'$
 $L = 120.90'$
 $E = 6.45'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA = 609+25.43$
 $P.T. STA = 610+46.34$

PROP. CURVE TRASK1-1
 PI STA. = 607+49.02
 $\Delta = 24^\circ 07' 26''$ (RT)
 $D = 14^\circ 19' 26''$
 $R = 400.00'$
 $T = 85.47'$
 $L = 168.42'$
 $E = 9.03'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA = 606+63.54$
 $P.T. STA = 608+31.96$

STATION	NORTH	EAST
INDIAN TRAIL STA. 52+73.51 = OHIO ST STA. 404+93.08	1,863,242.7628	995,670.4480
INDIAN TRAIL POT Sta 52+73.63	1,863,242.7652	995,670.5636
INDIAN TRAIL STA. 54+12.32 = AUTUMN LN STA. 499+93.21	1,863,246.4620	995,809.2121
INDIAN TRAIL STA. 57+26.17 = TRASK ST STA. 606+94.31	1,863,254.8273	996,122.9494
INDIAN TRAIL POT Sta 57+57.00	1,863,255.6490	996,153.7668
INDIAN TRAIL POT Sta 60+07.56	1,863,258.3178	996,404.3114
INDIAN TRAIL POT Sta 67+03.50	1,863,276.4120	997,100.0156
INDIAN TRAIL POT Sta 79+02.42	1,863,309.3770	998,298.4779

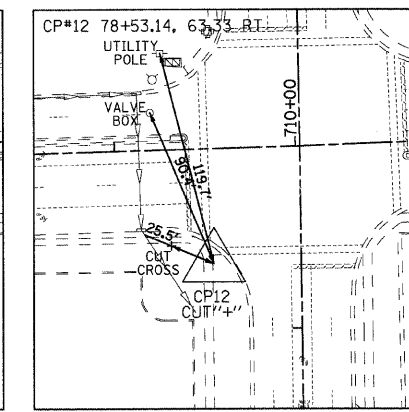
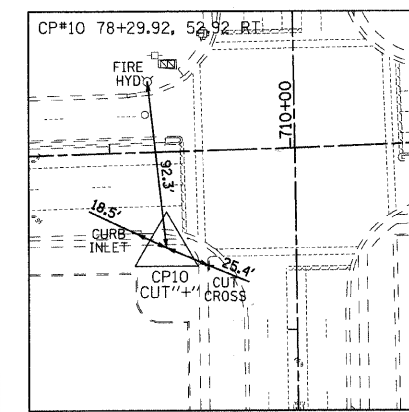
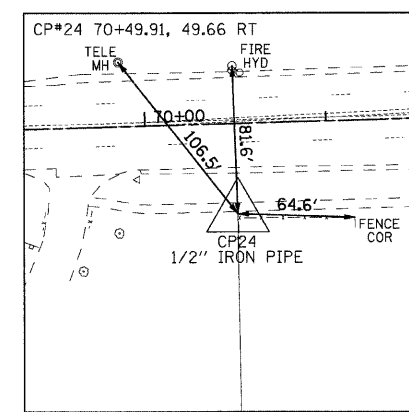
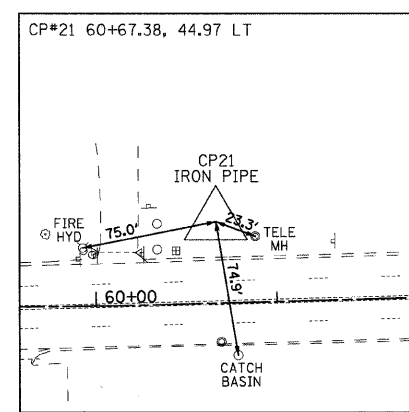
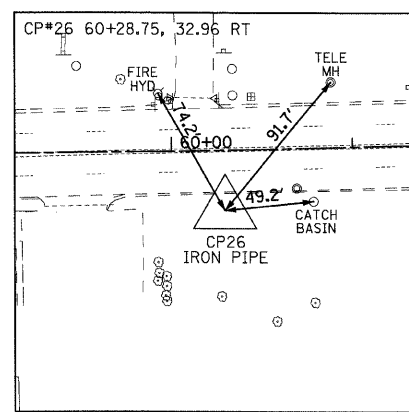
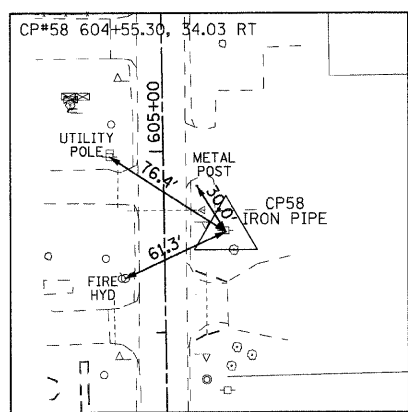
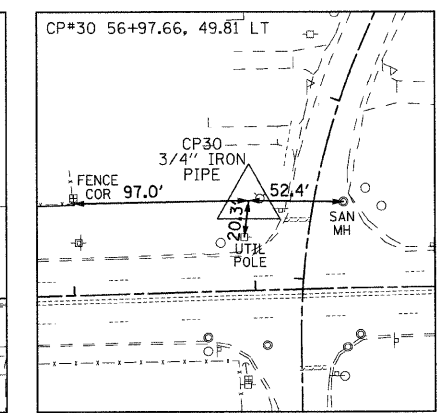
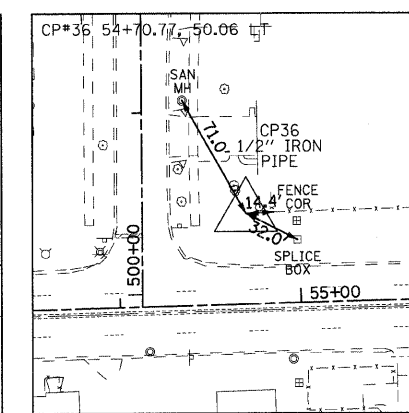
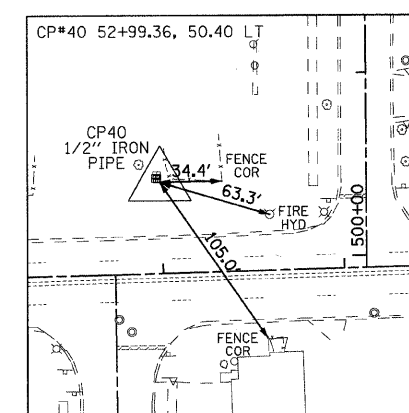
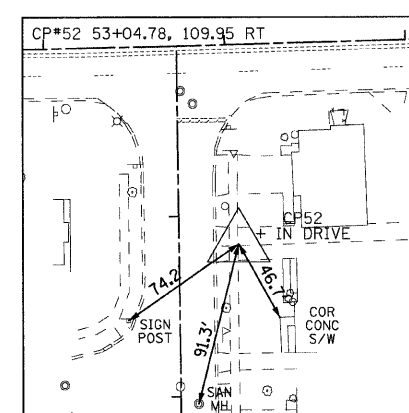
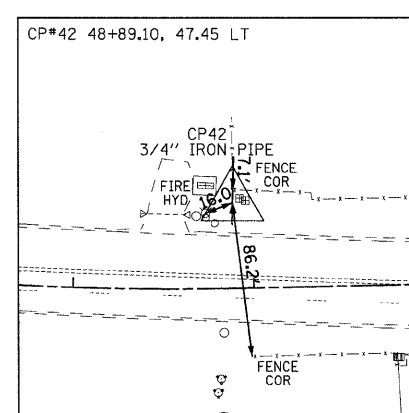
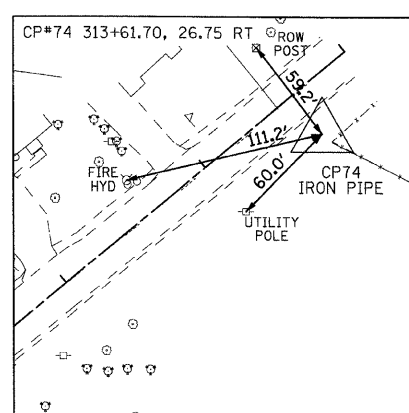
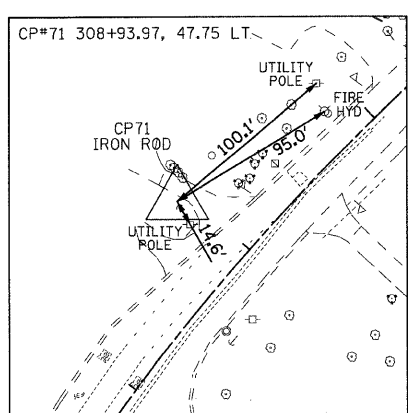
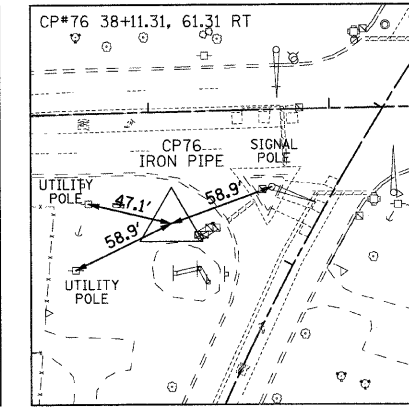
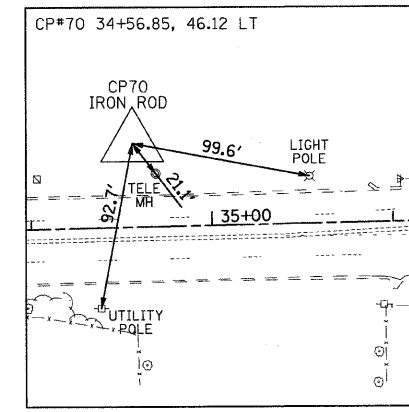
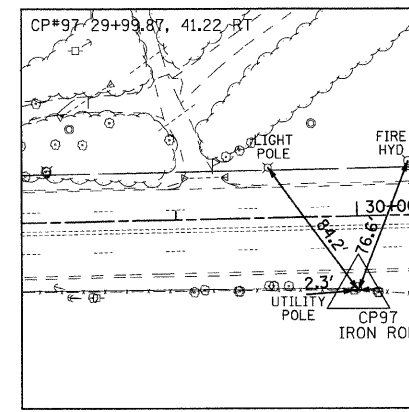
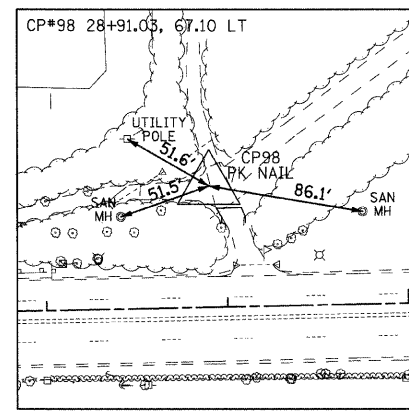
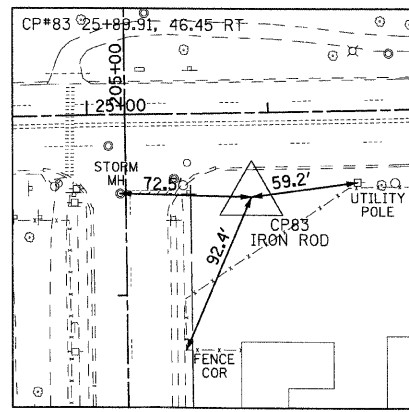
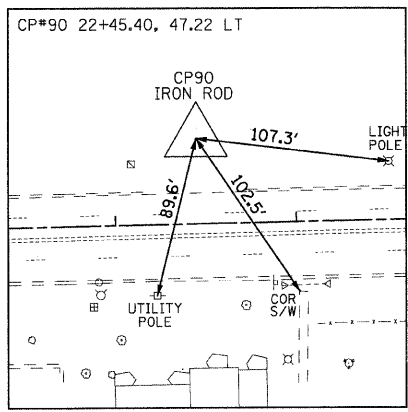
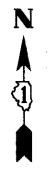
TBM	Elev	Description (BASED ON NAVD 1988)	STA./O.S.
1	709.66	Brass Disc @ S.W. corner of Indian Trail and Farnsworth	78+53.14; 63.33'RT
2	718.90	N.E. bolt on FH @ S.W. corner of Cedar Wood Apartments	72+22.80; 52.50'LT
3	732.08	N.E. bolt on FH @ W. entrance to Simmons Park on the N side of Indian Trail	62+75.88; 32.67'LT
4	737.76	S.E. bolt on FH @ N.W. corner of Indian Trail and Trask	57+04.02; 50.81'LT
5	746.70	N.E. bolt on FH @ N.W. corner of Indian Trail and Autumn	53+59.63; 30.96'LT

NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT, TIES, AND BENCHMARKS
 INDIAN TRAIL ROAD
 SHEET 1 OF 2
 SCALE: VERT. 1"=50'
 DATE 1/7/09
 DRAWN BY AWH
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	25
STA. 50+00		TO STA. 80+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE = 1/5/2009
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 PLOT SCALE = 1"=50'
 USER NAME = JUSER



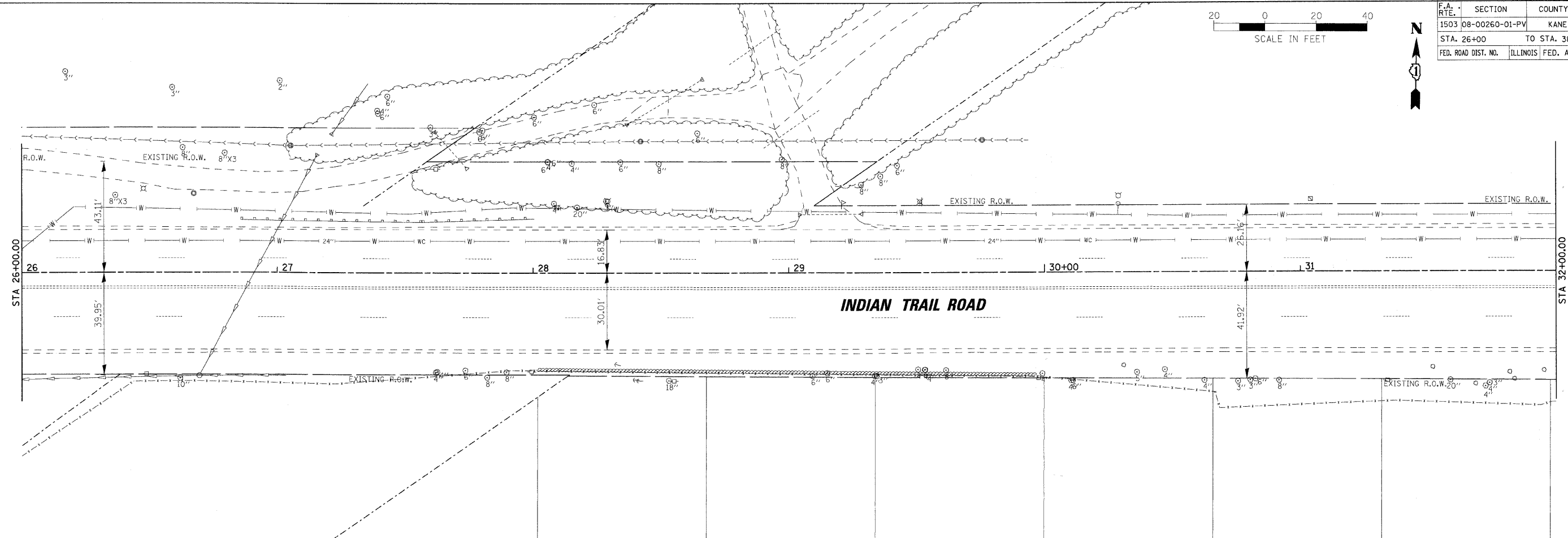
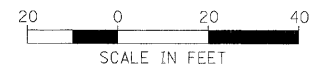
Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 046-002520
 Phone No. 630-584-3530

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT, TIES, AND BENCHMARKS
 INDIAN TRAIL ROAD
 SHEET 2 OF 2

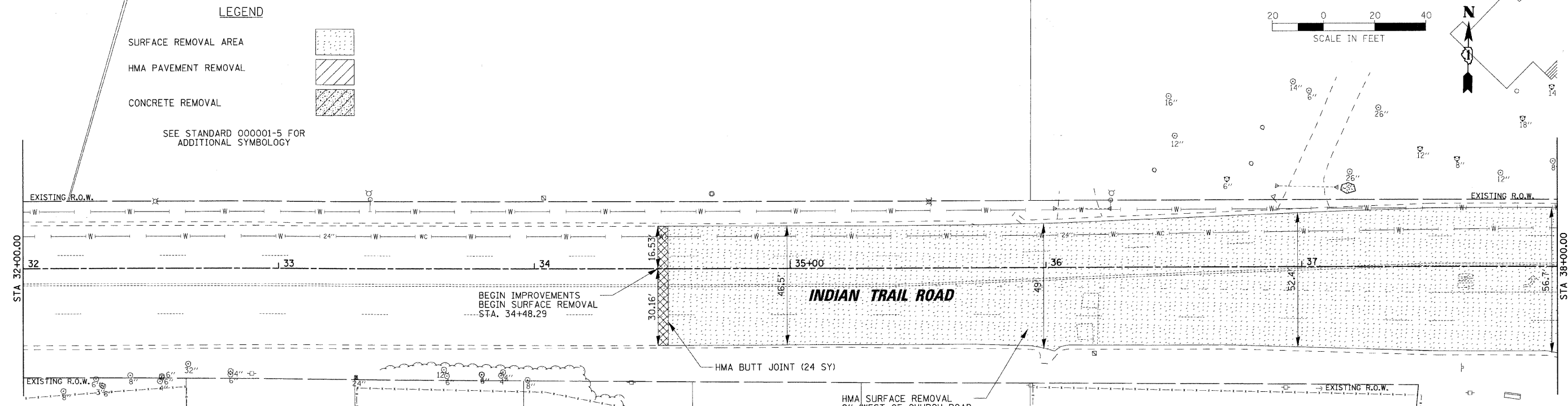
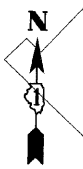
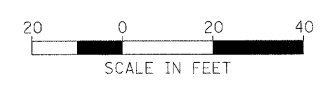
SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE 1/7/09
 DRAWN BY AWH
 CHECKED BY TC/SBP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	26
STA. 26+00		TO STA. 38+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- SURFACE REMOVAL AREA
 - HMA PAVEMENT REMOVAL
 - CONCRETE REMOVAL
- SEE STANDARD 000001-5 FOR ADDITIONAL SYMBOLLOGY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
INDIAN TRAIL ROAD
SHEET 1 OF 6

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'

DATE 1/7/09

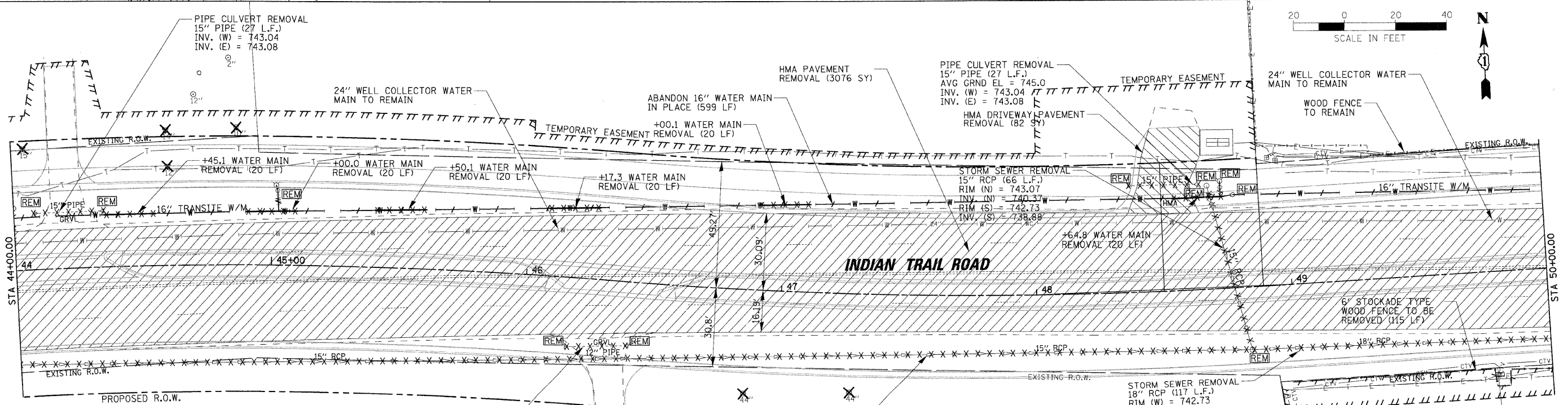
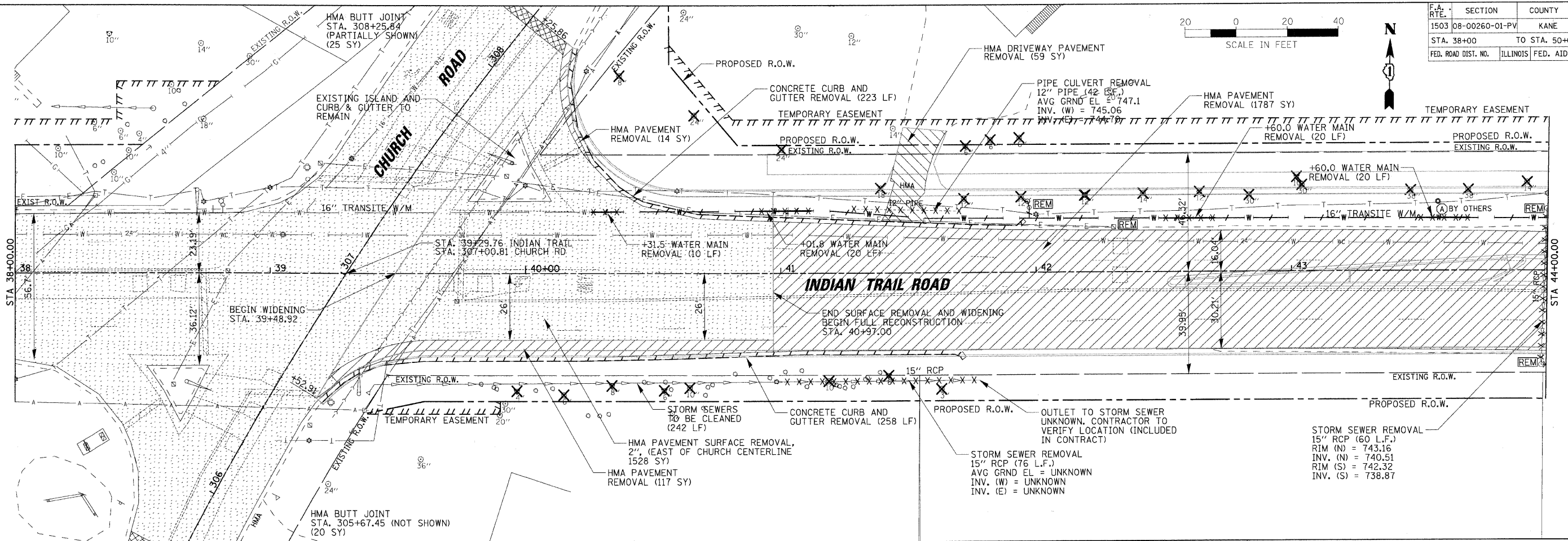
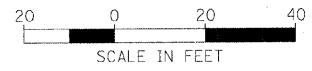
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CHECKED BY TC/SBP

RH&A

Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 184-005281
Phone No. 630-584-3530

PLOT DATE = 1/5/2009
FILE NAME = H:\Aurora\120895\ITPH\1\SHA\REM.IT_3.dgn
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USER NAME = JGBEL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	27
STA. 38+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
INDIAN TRAIL ROAD
SHEET 2 OF 6

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'

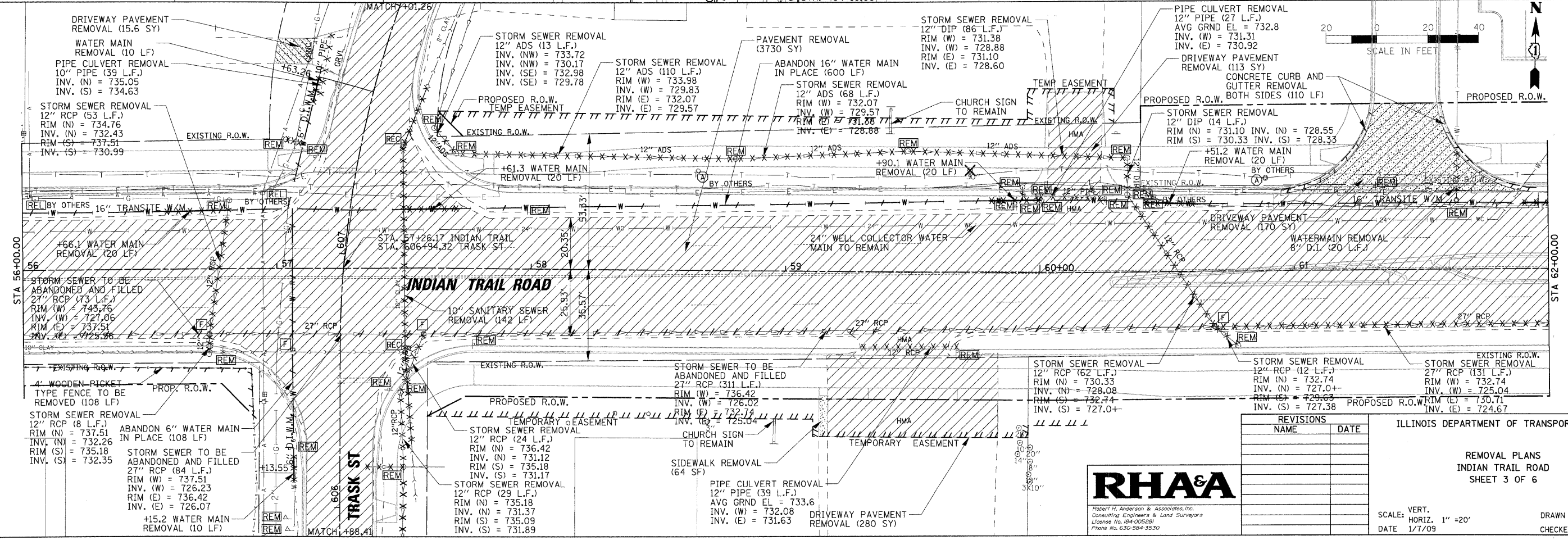
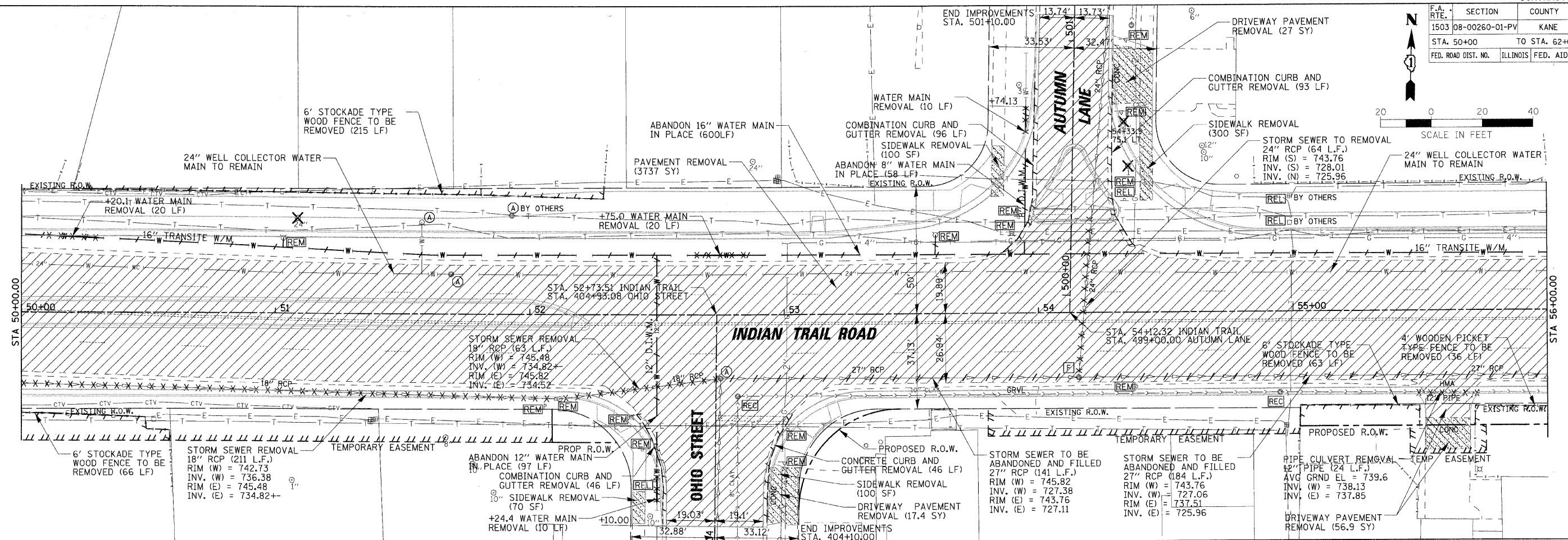
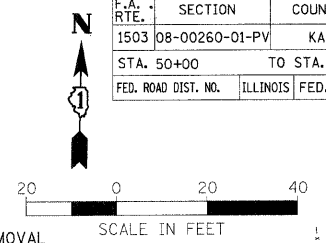
DATE 1/7/09

DRAWN BY AWH
CHECKED BY TC/SBP



PLOT DATE = 1/5/2009
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USER NAME = JUSEB

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	28
STA. 50+00		TO STA. 62+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
INDIAN TRAIL ROAD
SHEET 3 OF 6

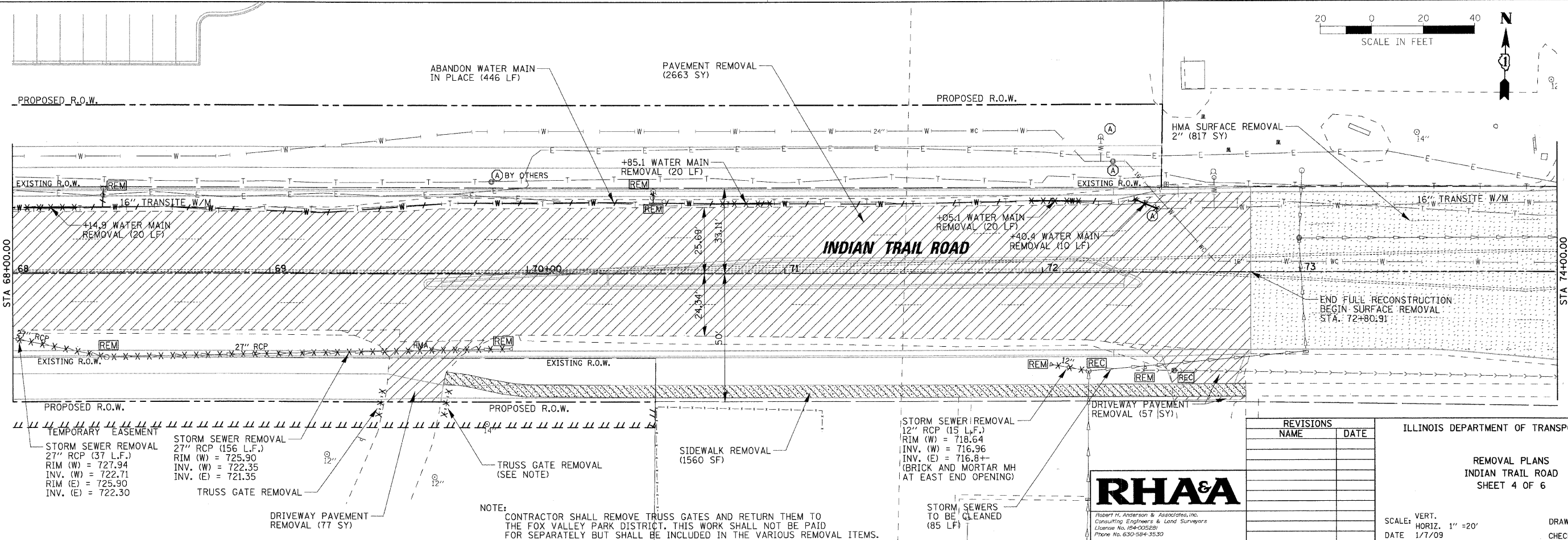
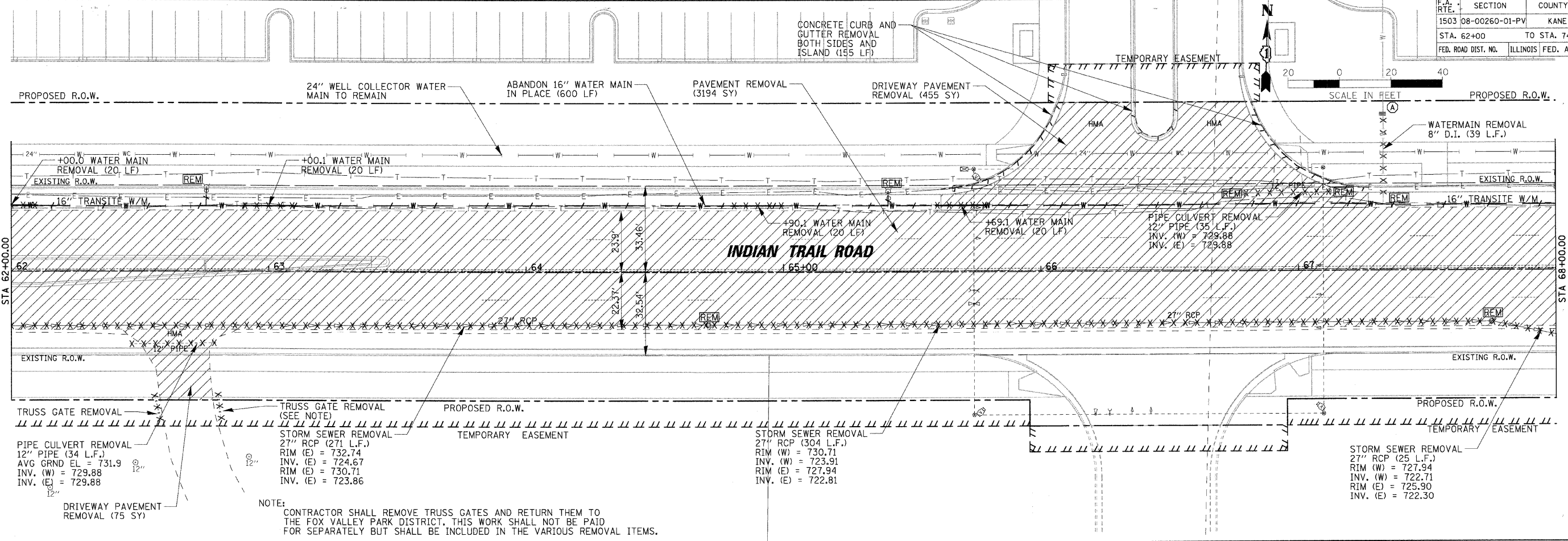
SCALE: VERT.
HORIZ. 1" = 20'
DATE 1/7/09

DRAWN BY AWH
CHECKED BY TC/SBP



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 PLOT SCALE = 1"=20'
 USER NAME = JUSEL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	NO.
1503	08-00260-01-PV	KANE	176	29
STA. 62+00		TO STA. 74+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
INDIAN TRAIL ROAD
SHEET 4 OF 6

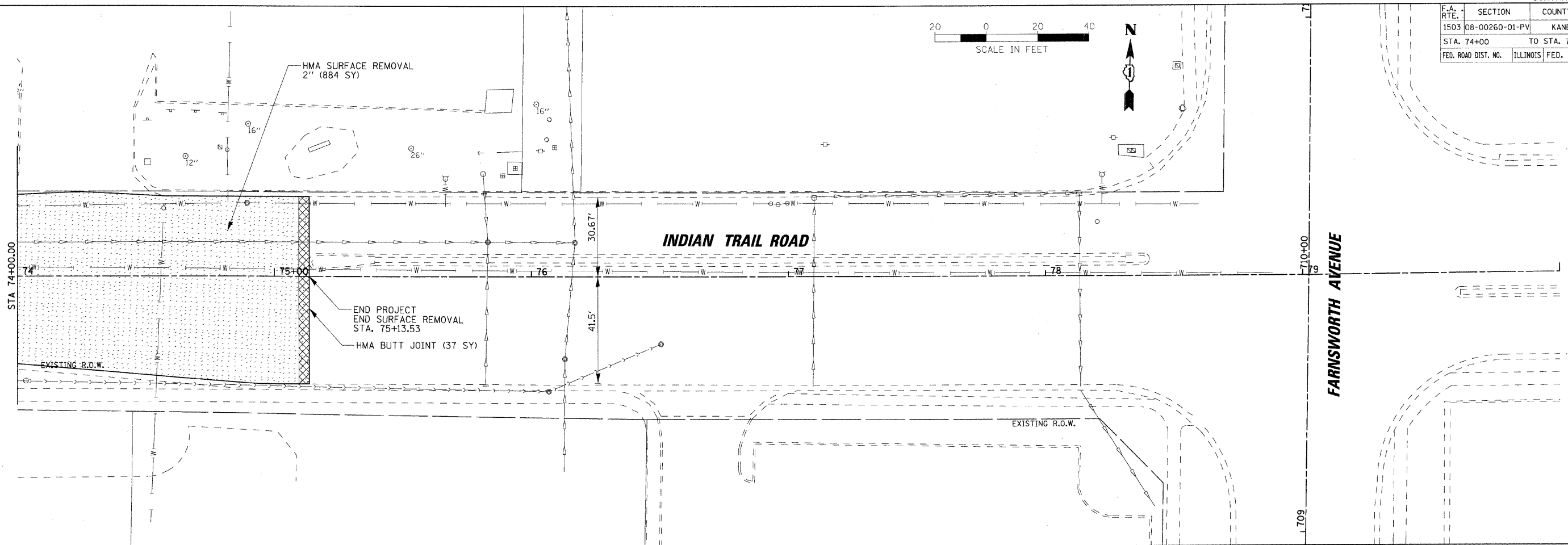
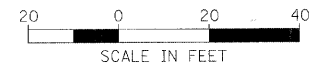
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DATE 1/7/09

DRAWN BY AWH
CHECKED BY TC/SBP



PLOT DATE = 1/5/2009
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	30
STA. 74+00		TO STA. 79+02		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 1/15/2009
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

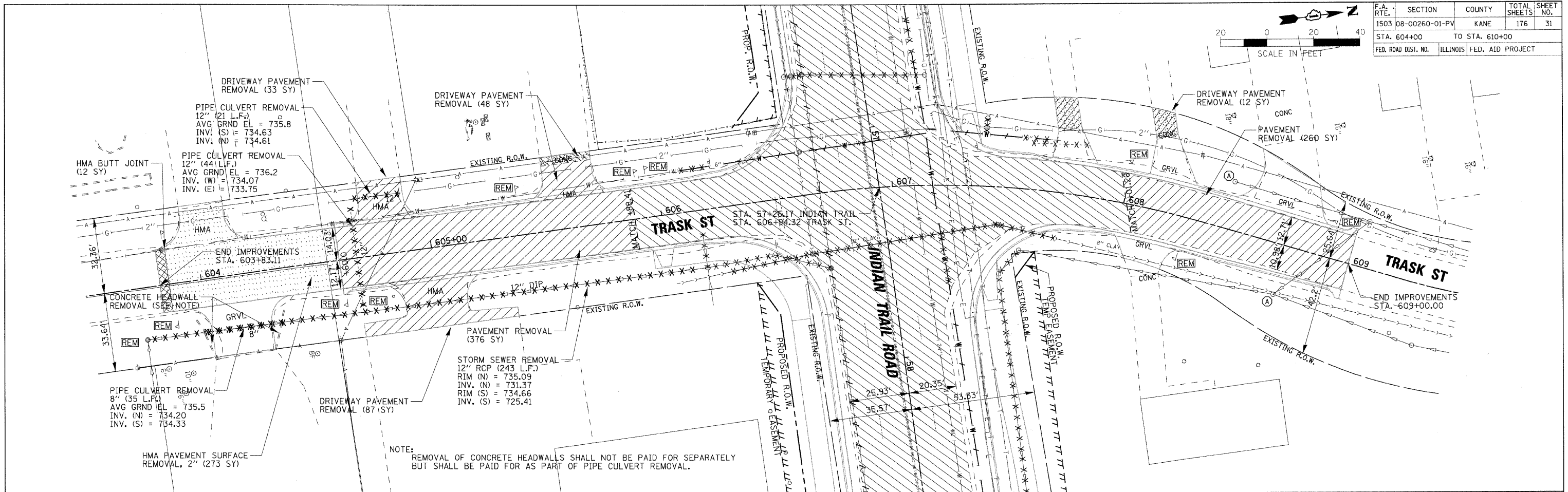
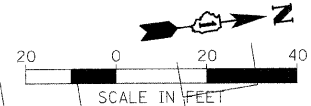
REMOVAL PLANS
 INDIAN TRAIL ROAD
 SHEET 5 OF 6

SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'

DATE 1/7/09

DRAWN BY AWH
 CHECKED BY TC/SBP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	31
STA. 604+00		TO STA. 610+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE: REMOVAL OF CONCRETE HEADWALLS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE PAID FOR AS PART OF PIPE CULVERT REMOVAL.

PLOT DATE = 1/5/2009
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REVISIONS	
NAME	DATE

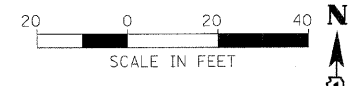
ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
TRASK STREET
SHEET 6 OF 6

SCALE: VERT. 1" = 20'
DATE 1/7/09

DRAWN BY AWH
CHECKED BY TC/SBP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	32
STA. 32+00		TO STA. 38+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

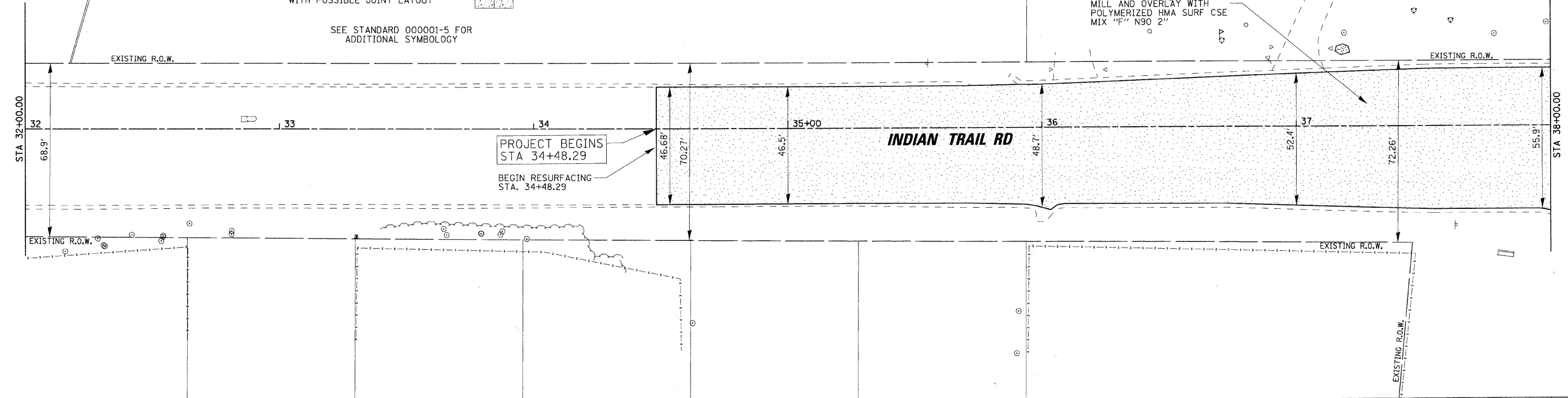


LEGEND

- MILLING AND OVERLAY AREA
- MODULAR CONCRETE PAVER - SPECIAL
- PROPOSED CONCRETE SURFACE AREA
- PROPOSED CONCRETE SURFACE AREA WITH POSSIBLE JOINT LAYOUT

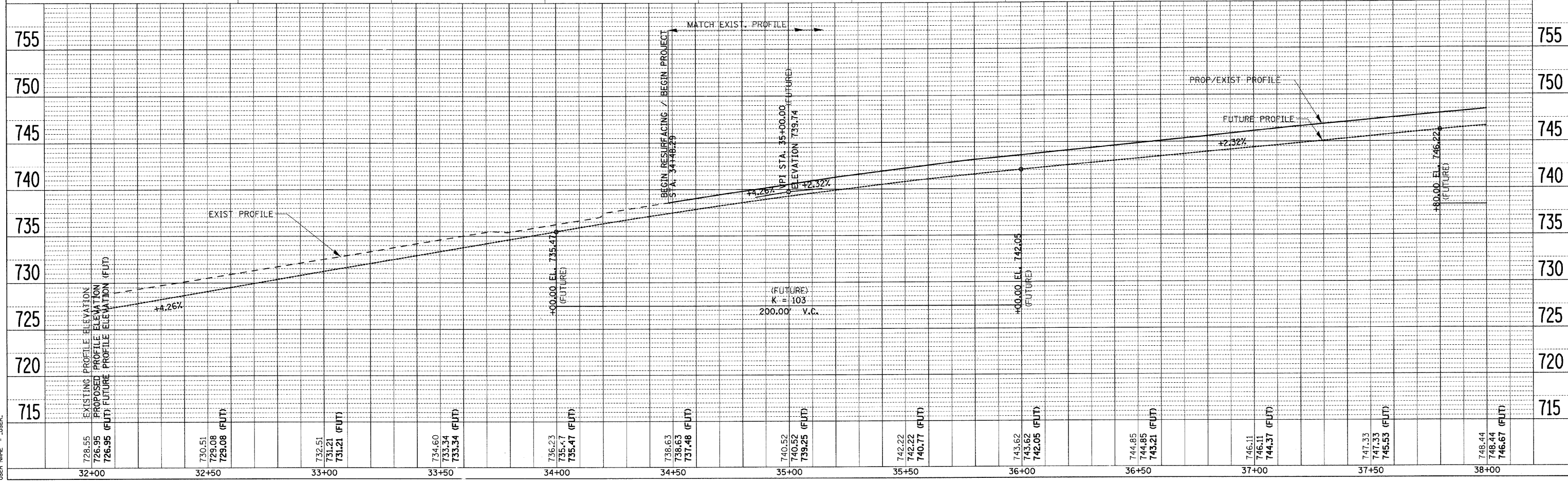
SEE STANDARD 000001-5 FOR ADDITIONAL SYMBOLLOGY

MILL AND OVERLAY WITH POLYMERIZED HMA SURF CSE MIX "F" N90 2"



PLAN	REVISION	DATE
NO.	BY	
NOTE BOOK	PLOTTED / CHECKED	
	BY / DATE	
	FILE NAME	

PROFILE	REVISION	DATE
NO.	BY	
NOTE BOOK	PLOTTED / CHECKED	
	BY / DATE	
	FILE NAME	

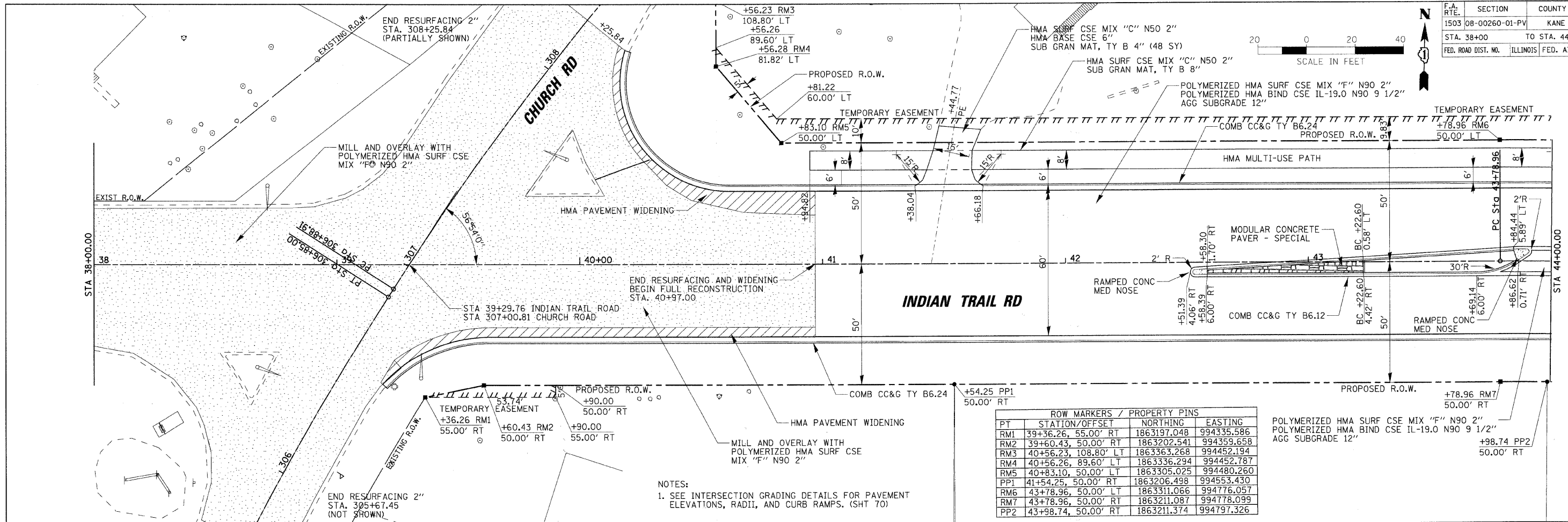


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 PLOT SCALE = 1" = 20'
 USER NAME = JUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	33
STA. 38+00		TO STA. 44+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



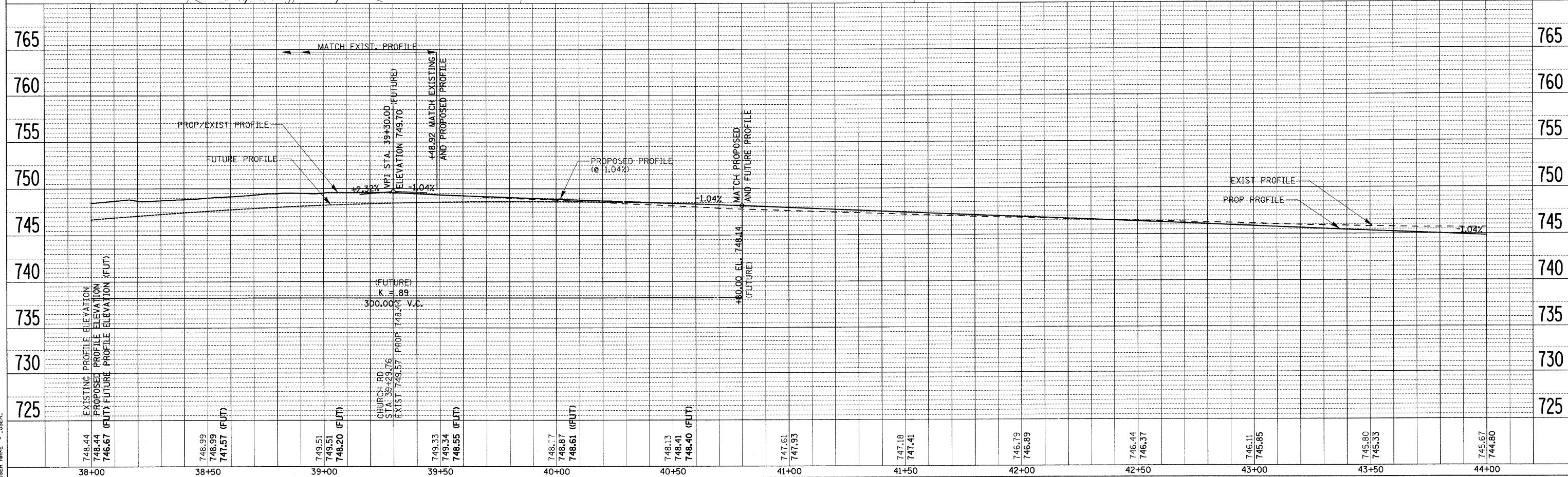
PLAN	DATE
BY	
REVISIONS	
NO.	



PT	STATION/OFFSET	NORTHING	EASTING
RM1	39+36.26, 55.00' RT	1863197.048	994335.586
RM2	39+60.43, 50.00' RT	1863202.541	994359.658
RM3	40+56.23, 108.80' LT	1863363.268	994452.194
RM4	40+56.26, 89.60' LT	1863336.294	994452.787
RM5	40+83.10, 50.00' LT	1863305.025	994480.260
PP1	41+54.25, 50.00' RT	1863206.498	994553.430
RM6	43+78.96, 50.00' LT	1863311.066	994776.057
RM7	43+78.96, 50.00' RT	1863211.087	994778.099
PP2	43+98.74, 50.00' RT	1863211.374	994797.326

NOTES:
1. SEE INTERSECTION GRADING DETAILS FOR PAVEMENT ELEVATIONS, RADII, AND CURB RAMPS. (SHT 70)

PROFILE	DATE
BY	
REVISIONS	
NO.	

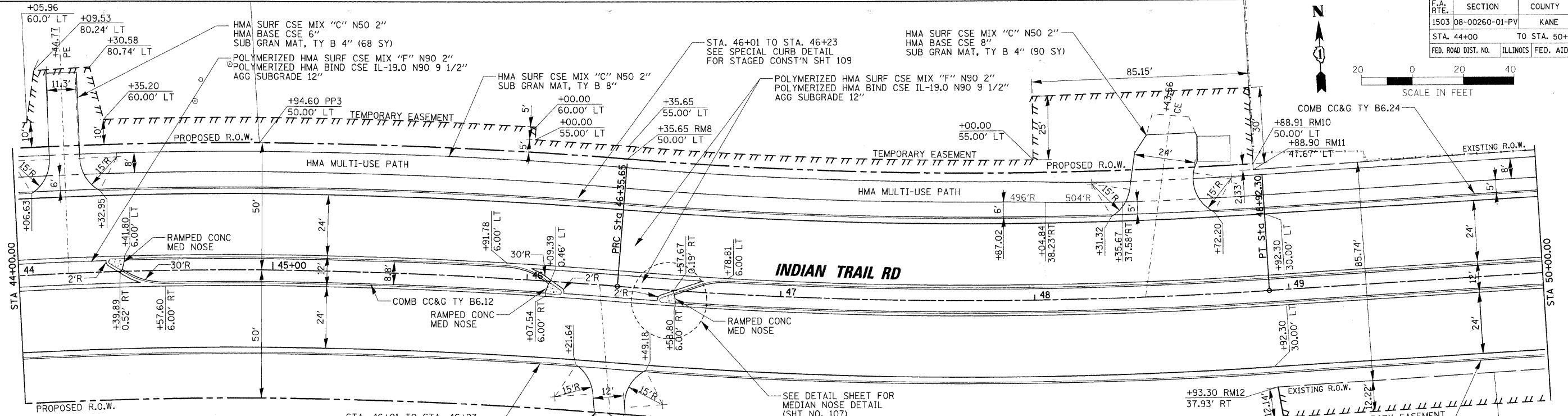


PLOT DATE = 6/26/2009
PLOT SCALE = 1" = 20'
USER NAME = JUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	34
STA. 44+00 TO STA. 50+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN	DATE
BY: _____	DATE: _____
CHECKED: _____	
DATE: _____	



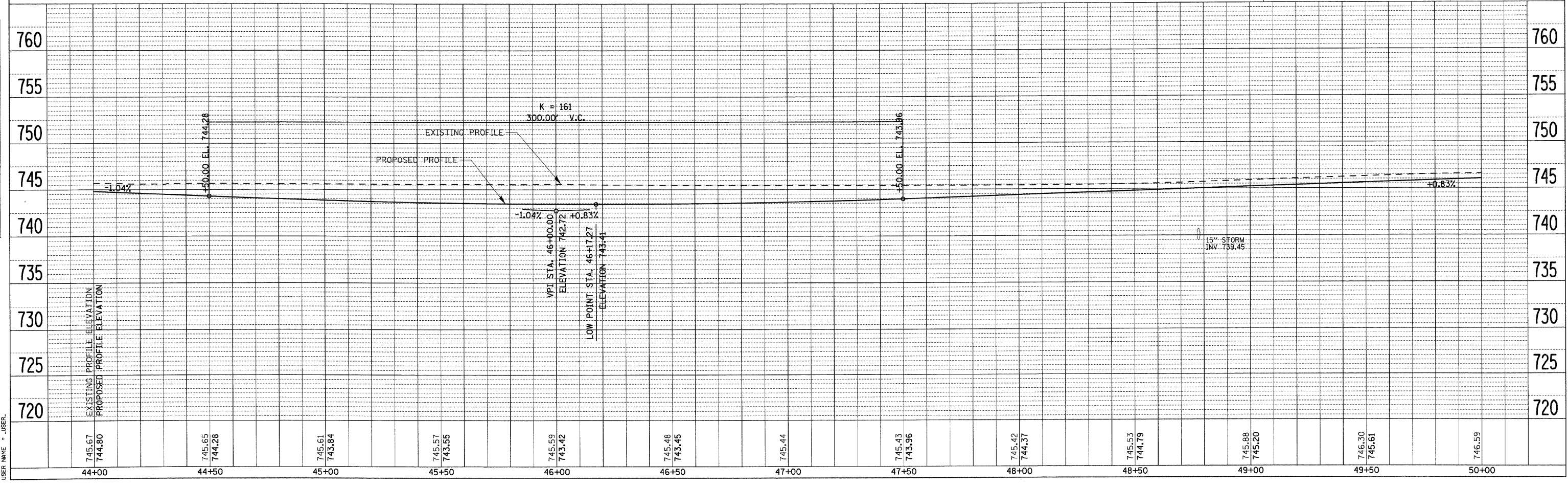
PROP. CURVE ITPROP2-1
PI STA. = 45+07.53
 $\Delta = 8^\circ 10' 15''$ (RT)
 $D = 3^\circ 10' 59''$
 $R = 1,800.00'$
 $T = 128.56'$
 $L = 256.69'$
 $E = 4.59'$
P.C. STA = 43+78.96
P.R.C. STA = 46+35.65

PROP. CURVE ITPROP2-2
PI STA. = 47+64.20
 $\Delta = 8^\circ 10' 10''$ (LT)
 $D = 3^\circ 10' 59''$
 $R = 1,800.00'$
 $T = 128.54'$
 $L = 256.65'$
 $E = 4.58'$
P.R.C. STA = 46+35.65
P.T. STA = 48+92.30

STA. 46+01 TO STA. 46+23
SEE SPECIAL CURB DETAIL FOR STAGED CONST'N SHT 109

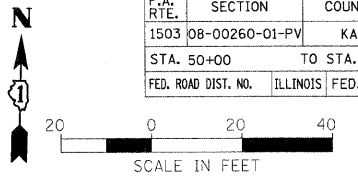
PT	STATION/OFFSET	NORTHING	EASTING
PP3	44+94.60, 50.00' LT	1863309.676	994894.879
RM8	46+35.65, 50.00' LT	1863297.660	995039.314
RM9	46+35.65, 50.00' RT	1863198.405	995027.125
RM10	48+88.91, 50.00' LT	1863284.913	995285.007
RM11	48+88.90, 47.67' LT	1863282.583	995285.033
RM12	48+93.30, 37.93' RT	1863197.086	995291.093
RM13	48+94.65, 50.00' RT	1863185.047	995292.687
RM13-1	48+92.30, 50.00' RT	1863185.011	995290.339

PROFILE	DATE
BY: _____	DATE: _____
CHECKED: _____	
DATE: _____	

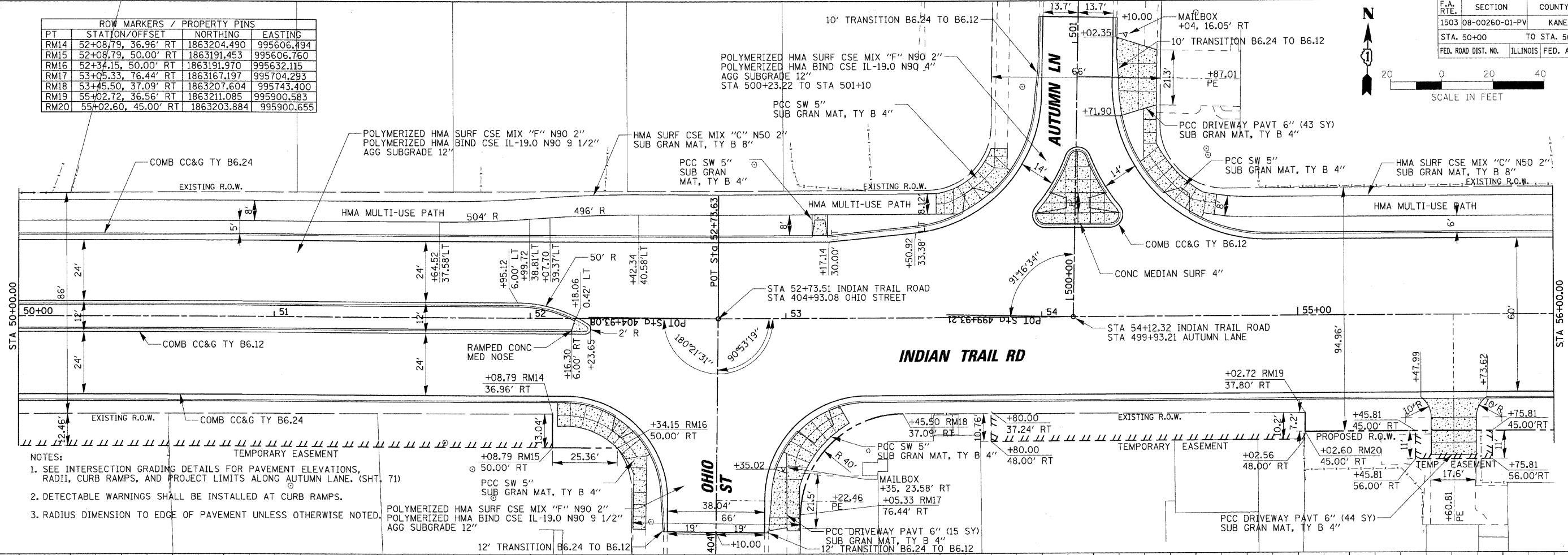


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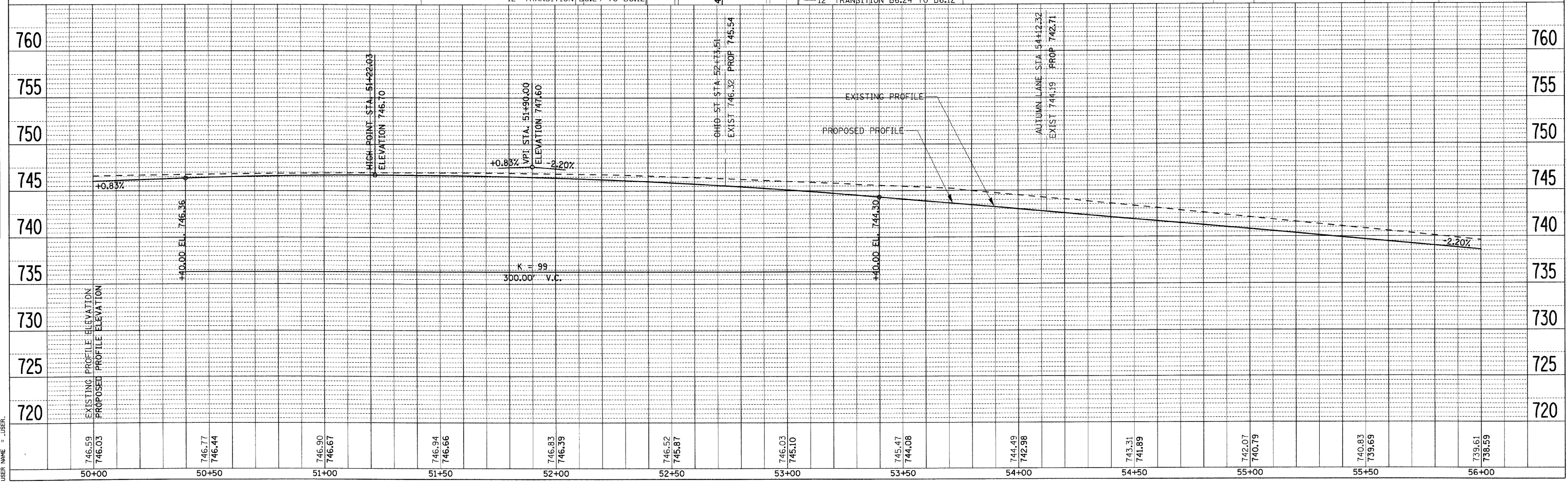
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	35
STA. 50+00		TO STA. 56+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



ROW MARKERS / PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
RM14	52+08.79, 36.96' RT	1863204.490	995606.494
RM15	52+08.79, 50.00' RT	1863191.453	995606.760
RM16	52+34.15, 50.00' RT	1863191.970	995632.115
RM17	53+05.33, 76.44' RT	1863167.197	995704.293
RM18	53+45.50, 37.09' RT	1863207.604	995743.400
RM19	55+02.72, 36.56' RT	1863211.085	995900.583
RM20	55+02.60, 45.00' RT	1863203.884	995900.655



- NOTES:
1. SEE INTERSECTION GRADING DETAILS FOR PAVEMENT ELEVATIONS, RADII, CURB RAMPS, AND PROJECT LIMITS ALONG AUTUMN LANE. (SHT. 71)
 2. DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS.
 3. RADIUS DIMENSION TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



PLAN	DATE	BY
NO.		

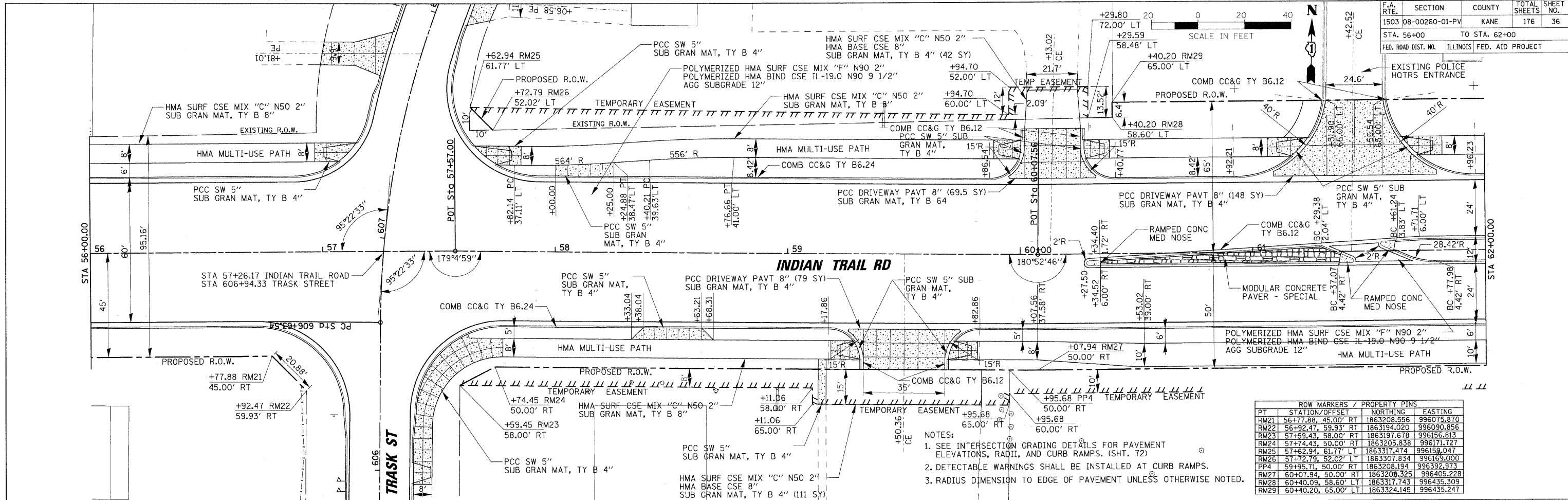
PROFILE	DATE	BY
NO.		

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 USER NAME = jbsrl

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	36
STA. 56+00		TO STA. 62+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

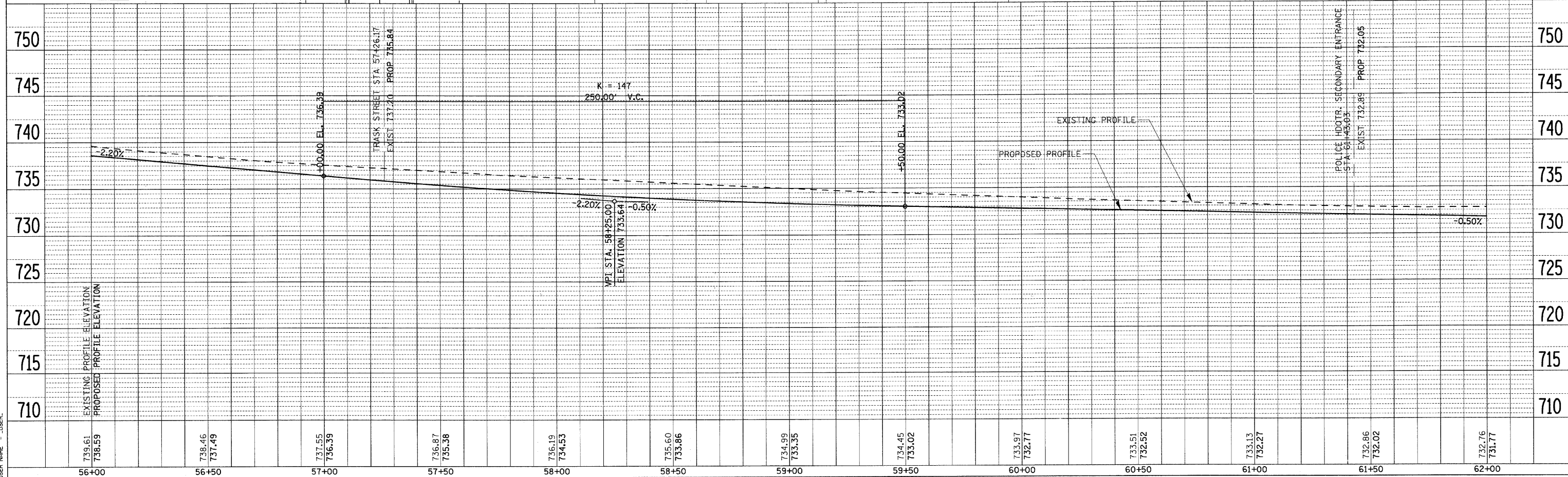
PLAN	SUBMITTED	DATE
NOTE BOOK NO.	BY	
NO.	DATE	

PROFILE	SUBMITTED	DATE
NOTE BOOK NO.	BY	
NO.	DATE	



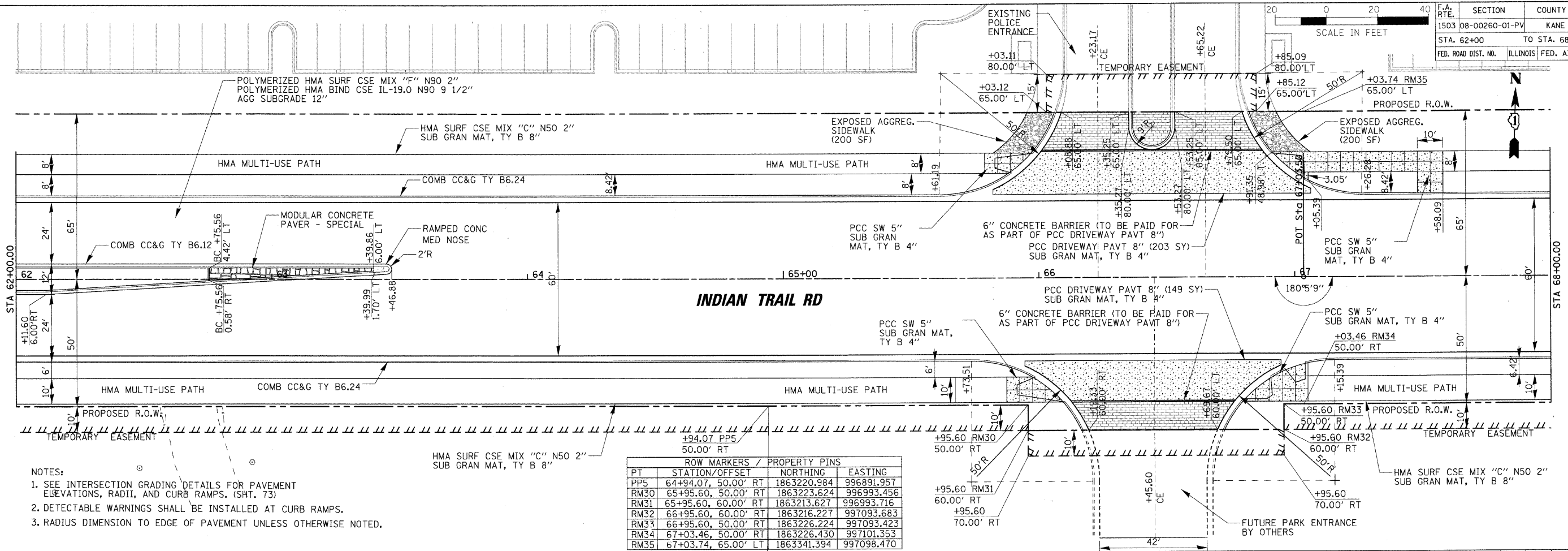
PT	STATION/OFFSET	NORTHING	EASTING
RM21	56+77.88, 45.00' RT	1863208.556	996075.870
RM22	56+92.47, 59.93' RT	1863194.020	996090.856
RM23	57+59.43, 58.00' RT	1863197.678	996156.813
RM24	57+74.43, 50.00' RT	1863205.838	996171.727
RM25	57+62.94, 61.77' LT	1863317.474	996159.047
RM26	57+72.79, 52.02' LT	1863307.834	996169.000
PP4	59+36.71, 50.00' RT	1863208.194	996392.973
RM27	60+07.94, 50.00' RT	1863208.325	996405.228
RM28	60+40.09, 58.60' LT	1863317.743	996435.309
RM29	60+40.20, 65.00' LT	1863324.145	996435.247

- NOTES:
- SEE INTERSECTION GRADING DETAILS FOR PAVEMENT ELEVATIONS, RADII, AND CURB RAMPS. (SHT. 72)
 - DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS.
 - RADIUS DIMENSION TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



PLOT DATE = 6/26/2009
 PLOT SCALE = 1" = 20'
 USER NAME = JUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	37
STA. 62+00		TO STA. 68+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



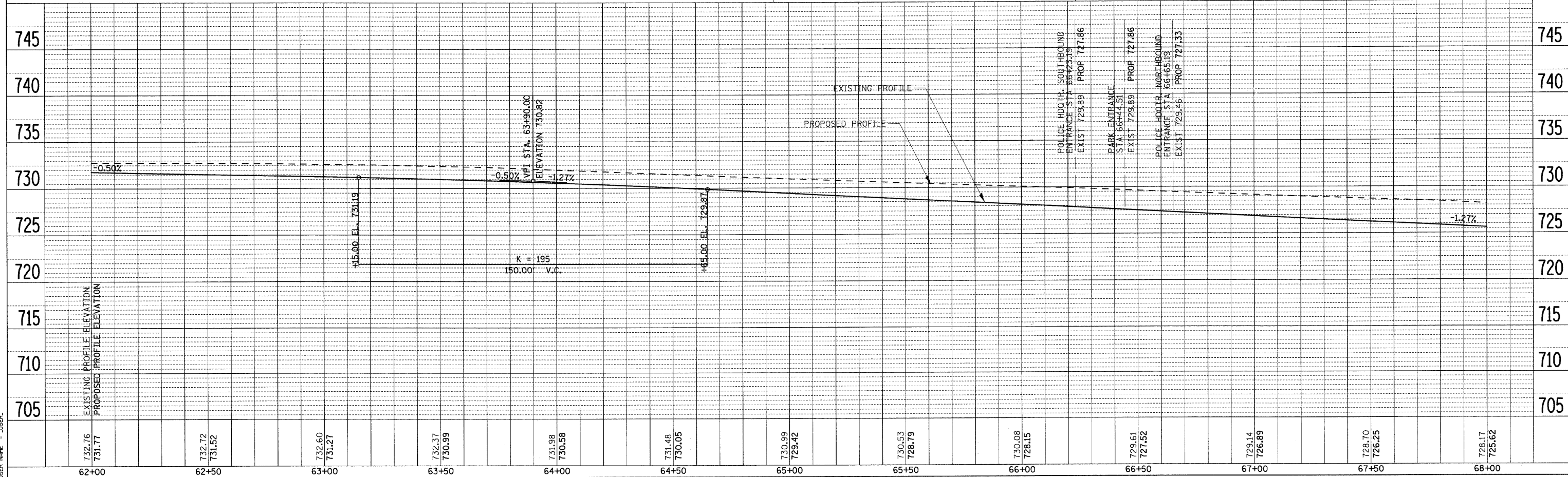
- NOTES:
- SEE INTERSECTION GRADING DETAILS FOR PAVEMENT ELEVATIONS, RADII, AND CURB RAMPS. (SHT. 73)
 - DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS.
 - RADIUS DIMENSION TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

ROW MARKERS / PROPERTY PINS			
PT	STATION/OFFSET	NORTHING	EASTING
PP5	64+94.07, 50.00' RT	1863220.984	996891.957
RM30	65+95.60, 50.00' RT	1863223.624	996993.456
RM31	65+95.60, 60.00' RT	1863213.627	996993.716
RM32	66+95.60, 60.00' RT	1863216.227	997093.683
RM33	66+95.60, 50.00' RT	1863226.224	997093.423
RM34	67+03.46, 50.00' RT	1863226.430	997101.353
RM35	67+03.74, 65.00' LT	1863341.394	997098.470

PLAN	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CARD FILE NAME	

PROFILE	SUBMITTED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CARD FILE NAME	

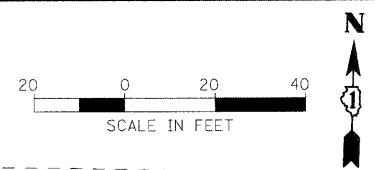
PLOT DATE = 6/25/2009
 PLOT SCALE = 1" = 20'
 USER NAME = JUSER



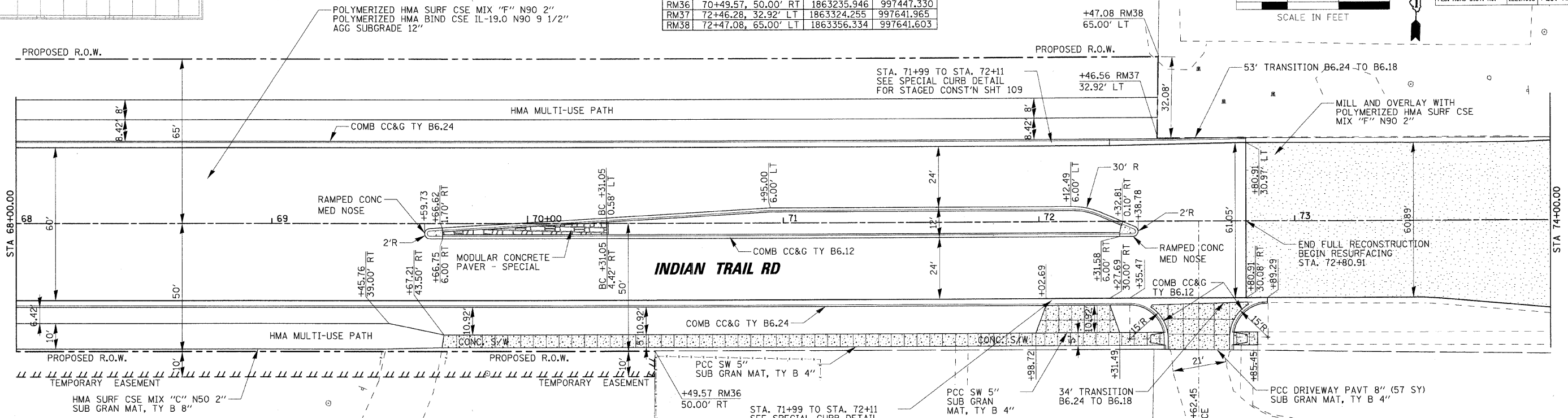
STATION	EXISTING PROFILE ELEVATION	PROPOSED PROFILE ELEVATION
62+00	732.76	731.77
62+50	732.72	731.52
63+00	732.60	731.27
63+50	732.37	730.99
64+00	731.98	730.58
64+50	731.48	730.05
65+00	730.99	729.42
65+50	730.53	728.79
66+00	730.08	728.15
66+50	729.61	727.52
67+00	729.14	726.89
67+50	728.70	726.25
68+00	728.17	725.62

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	38
STA. 68+00		TO STA. 74+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ROW MARKERS / PROPERTY PINS				
PT	STATION/OFFSET	NORTHING	EASTING	
RM36	70+49.57, 50.00' RT	1863235.946	997447.330	
RM37	72+46.28, 32.92' LT	1863324.255	997641.965	
RM38	72+47.08, 65.00' LT	1863356.334	997641.603	

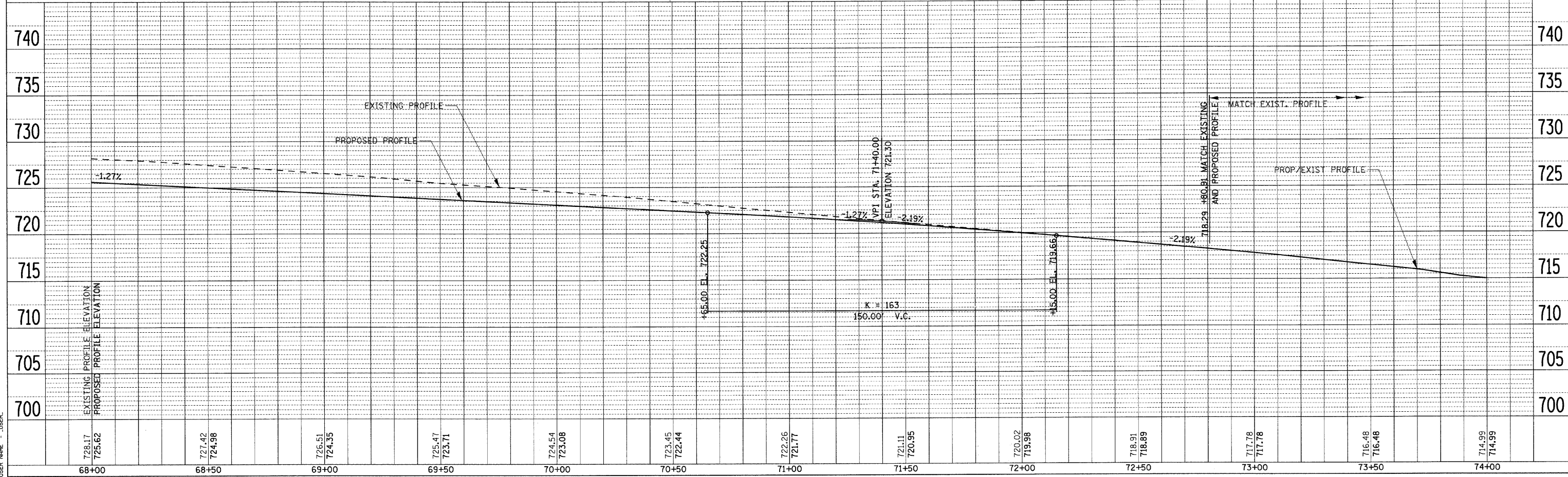


PLAN	SUBMITTED	DATE
NO.	BY	
	CHECKED	
	DATE	



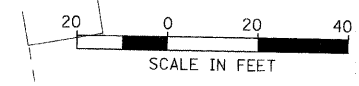
- NOTES:
1. DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS.
 2. RADIUS DIMENSION TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

PROFILE	SUBMITTED	DATE
NO.	BY	
	CHECKED	
	DATE	



PLOT DATE = 6/26/2009
 PLOT SCALE = 1" = 20'
 USER NAME = JUSER

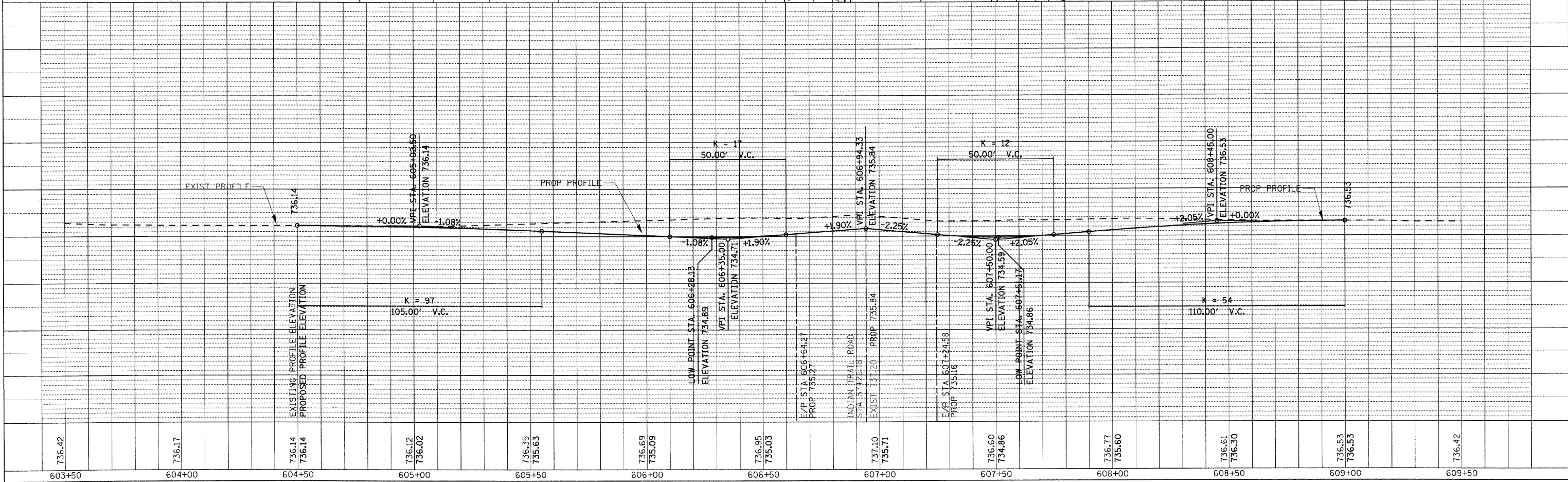
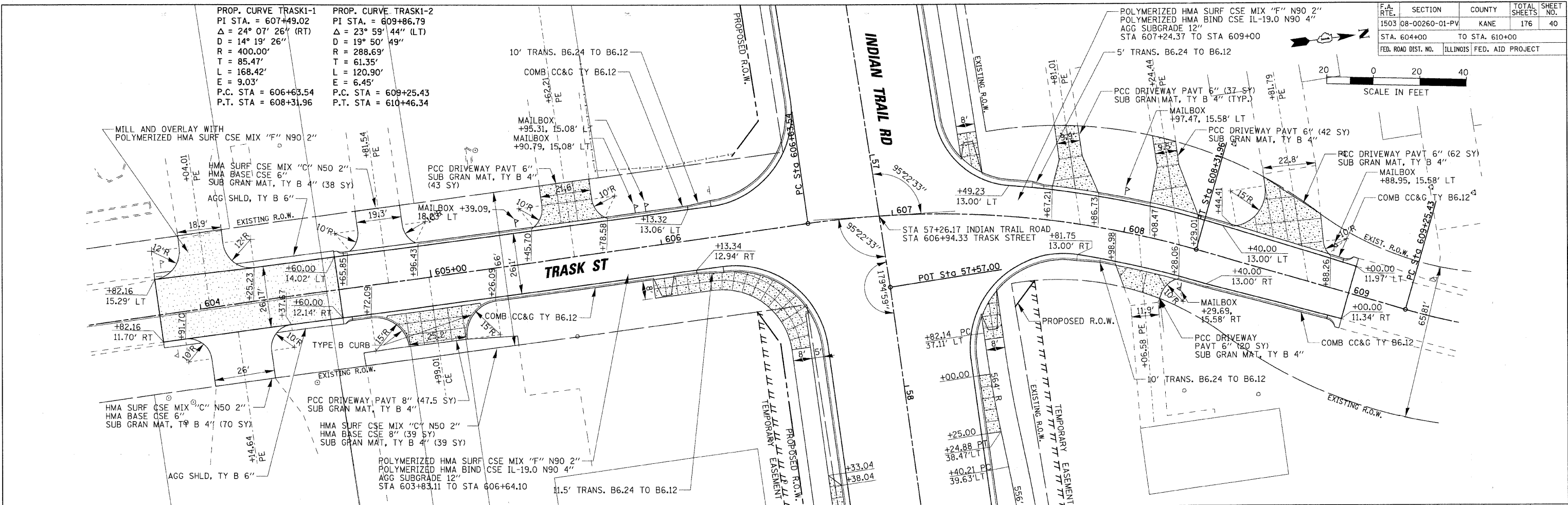
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	40
STA. 604+00		TO STA. 610+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE	BY

DATE	BY

PLOT DATE = 1/5/2009
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 PLOT SCALE = 1"=50'
 USER NAME = JUSBY



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	41
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MAINTENANCE OF TRAFFIC GENERAL NOTES

- THE SUGGESTED SEQUENCE OF OPERATIONS AND SUMMARY FOR CONSTRUCTION STAGING DOES NOT, NOR IS IT INTENDED TO, DEPICT ALL WORK THAT WILL BE REQUIRED BY THE CONTRACTOR FOR STAGING OPERATIONS DURING THE CONTRACT, THE SEQUENCE OF OPERATIONS IS GIVEN AS AN AIDE AND GUIDE FOR THE CONTRACTOR'S USE TO ESTABLISH THE NECESSARY GUIDELINES FOR EFFICIENT TRAFFIC OPERATION DURING THE DURATION OF THE CONTRACT.
- THE CONTRACTOR MAY WISH TO MAKE REVISIONS OR MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION OR THE MAINTENANCE OF TRAFFIC PLANS. ALL CHANGES MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL. IF REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS, REQUESTED BY THE CONTRACTOR, MAY REQUIRE TRAFFIC CONTROL TO BE INSTALLED IN ACCORDANCE WITH STANDARDS AND/OR DESIGNS OTHER THAN THOSE INCLUDED IN THE PLANS, REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS REQUESTED BY THE CONTRACTOR REQUIRES ADDITIONAL SIGNS, FLAGGERS, BARRICADES OR OTHER TRAFFIC CONTROL DEVICES OVER AND ABOVE THOSE SPECIFIED WILL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROTECT ANY OPENING GREATER THAN 3 FOOT IN DEPTH WITHIN 6 FOOT OF ANY DRIVING LANE. CONTRACTOR SHALL PROTECT OPENINGS WITH THE USE OF STEEL PLATES, CONCRETE BARRIER WALL, OR BY BACKFILLING OPENINGS TO WITHING THE 3 FOOT MINIMUM. PROTECTION OF THE OPENING SHALL BE CONSIDERED INCIDENTAL TO THE TRAFFIC CONTROL ITEM.
- SIDE STREETS SHALL REMAIN OPEN AT ALL TIMES. SPECIAL CONSIDERATION MAY BE GIVEN TO A SHORT-TERM CLOSURE ON AN AS NEEDED BASES. THESE CLOSURES WILL BE COORDINATED WITH THE RESIDENT ENGINEER.
- ACCESS TO FIELD, PRIVATE AND COMMERCIAL ENTRANCES SHALL REMAIN OPEN AT ALL TIMES. ON PROPERTIES THAT HAVE MORE THAN ONE ACCESS, ONE ENTRANCE MAY BE TEMPORARILY CLOSED, HOWEVER, VEHICULAR ACCESS MUST REMAIN OPEN TO TRAFFIC FOR THE OPPOSITE ENTRANCE.
- ALL MUNICIPAL OWNED MANHOLES, SERVICE VALVES, BOXES AND FIRE HYDRANT SHALL BE KEPT ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION. MANHOLES AND SERVICE BOXES SHALL BE ADJUSTED TO MATCH THE TEMPORARY PAVEMENT AND GRADING ELEVATION. FIRE HYDRANTS SHALL BE MOVED OUTSIDE THE CLEAR ZONE LIMITS OF THE TEMPORARY PAVEMENT. ALL TEMPORARY ADJUSTMENTS TO MANHOLES, SERVICE VALVES, BOXES AND FIRE HYDRANTS REQUIRED AS A RESULT OF THE STAGED MAINTENANCE OF TRAFFIC WILL NOT BE PAID FOR, BUT SHALL BE CONSIDERED INCIDENTAL TO THE FINAL ADJUSTMENT ITEM. ONLY THE FINAL ADJUSTMENTS TO THESE UTILITIES SHALL BE PAID FOR. THE WORK SHALL BE AS DETAILED ON THE PLAN AND PROFILE SHEETS AND/OR REMOVAL SHEETS.
- EXISTING INLETS AND STORM SEWER SYSTEMS THAT FALL UNDER TEMPORARY PAVEMENT WIDENING AND NEED TO REMAIN ACTIVE DURING STAGE 1, SHALL BE PLATED OR COVERED, BUT NOT REMOVED. TEMPORARY DRAINAGE CONNECTIONS SHALL BE INCIDENTAL.
- THE CONTRACTOR SHALL USE TEMPORARY TYPE III MARKING TAPE (BLACK) TO COVER ANY EXISTING PAVEMENT MARKINGS.
- EXCAVATION REQUIRED TO CONSTRUCT THE TEMPORARY PAVEMENT WIDENING IN STAGE 1A SHALL BE MEASURED FOR PAYMENT AND SHALL BE PAID FOR AS "EARTH EXCAVATION". QUANTITIES FOR THIS WORK HAVE BEEN INCLUDED IN THE EARTHWORK ITEMS FOR THE STAGE.
- NO INTERMITTENT LANE CLOSURES WILL BE ALLOWED. CONTRACTOR SHALL FOLLOW IDOT STANDARDS AND TIE CLOSURES INTO ANY CLOSURE WEST OF THE WORK ZONE.
- ALL OBSTRUCTIONS SHALL BE REMOVED PRIOR TO CONSTRUCTING THE TEMPORARY PAVEMENT AND SWITCHING TRAFFIC TO IT. REMOVALS SHALL BE DETAILED ON THE REMOVAL SHEETS. REMOVAL SHALL BE PAID FOR ONCE AND SHALL BE PAID FOR AS INDICATED ON THE REMOVAL SHEETS. THERE WILL BE NO ADDITIONAL COMPENSATION FOR PARTIAL REMOVALS REQUIRED FOR THE STAGED MAINTENANCE OF TRAFFIC.
- THE USE OF A TRAILER MOUNTED ARROW BOARD WILL BE REQUIRED WHEN FULL LANE SHIFTS ARE REQUIRED. THE ARROW BOARDS WILL REMAIN IN PLACE FOR THE FULL DURATION OF THE LANE SHIFT. THE LOCATIONS OF THE ARROW BOARD(S) ARE DETAILED IN THE MAINTENANCE OF TRAFFIC PLANS OR AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW BOARDS WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

SEQUENCE OF CONSTRUCTION

IN GENERAL, THE STAGING OF CONSTRUCTION FOR THIS SECTION SHALL BE AS FOLLOWS:

STAGE 1A

- INSTALL EROSION CONTROL DEVICES AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION ACTIVITY.
- CONSTRUCT PROPOSED TEMPORARY STORM SEWERS, DRAINAGE STRUCTURES, OUTLETS, DRAINAGE SWALES, AND ADJUSTMENTS FROM AT STA. 39+48.92, RT. TO STA. 72+80.91, RT. THE EXACT LOCATION OF THE WORK IS ILLUSTRATED IN THE STAGE 1 MOT PLAN SHEETS. THE WORK SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STD 701201 AND 701406.
- CONSTRUCT TEMPORARY PAVEMENT WIDENING FROM STA 39+48.92, RT. TO STA. 72+80.91, RT. WORK TO BE COMPLETED UTILIZING TRAFFIC CONTROL STANDARD 701406.
- SET TEMPORARY BARRIER WALL, GLARE SCREEN, AND ATTENUATORS FROM STA. 52+93 TO STA. 54+24.
- SET TEMPORARY TRAFFIC SIGNALS AT CHURCH ROAD INTERSECTION.

STAGE 1

- SET UP STAGE 1 TRAFFIC CONTROL AND TEMPORARY SIGNAL AND PRE-TIMED SIGNAL PHASING AT CHURCH STREET. MAINTAIN ACCESS AT AUTUMN LANE AND TRASK ROAD EXCEPT AS ALLOWED BY DETOUR PLAN TO COMPLETE WORK AT TRASK ROAD.
- PLACE EROSION CONTROL.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS, AND UTILITIES LEFT OF CENTERLINE (SEE MOT PLANS, SHEETS) STA. 46+00 TO STA. 72+80.91. REMOVE CURBS AND PARTIAL PAVEMENT FROM STA. 39+48.92 TO STA. 46+00.
- CONSTRUCT WATER MAIN IN ITS ENTIRETY STA. 39+48.92 TO STA. 72+80.91, LT.
- CONSTRUCT STAGE 1 STORM SEWERS TRUNK LINE AND NORTH LATERALS WITHIN THE STAGE 1 LIMITS STA. 46+00 TO STA. 72+80.91. CONNECT TO EXISTING OUTLET DRAINAGE STRUCTURE APPROXIMATELY STA. 72+00, LT.
- CONSTRUCT SEWERS, SUBGRADE, AGGREGATE BASES, PAVEMENTS WITHOUT BITUMINOUS SURFACE COURSE (BINDER ONLY) AND CURB AND GUTTERS LEFT OF CENTERLINE.
- CONSTRUCT CONCRETE DRIVEWAYS IN THEIR ENTIRETY AND ASPHALT DRIVEWAY WITH BINDER COURSE.
- CONSTRUCT BRICK PAVER ENTRANCE AND SIDEWALK AT THE POLICE STATION IN ITS ENTIRETY.
- CONSTRUCT MEDIAN CURB AND GUTTER LEFT OF CENTERLINE.
- CONSTRUCT PARTIAL TRAFFIC SIGNAL INSTALLATION AT OHIO STREET.
- CONSTRUCT STREET LIGHTING LEFT OF CENTERLINE.
- CONSTRUCT BIKE PATH IN IT ENTIRETY.
- PLACE TOPSOIL, FINAL TURF, AND LANDSCAPING (INCLUDING TREE AND SHRUBS) LEFT OF CENTERLINE IN ITS ENTIRETY

STAGE 1B

- SET UP STAGE 1B TRAFFIC CONTROL AND TEMPORARY SIGNAL AND PRE-TIMED SIGNAL PHASING AT CHURCH STREET.
- PLACE EROSION CONTROL.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS, AND UTILITIES LEFT OF CENTERLINE (SEE MOT PLANS, SHEETS) FROM STA. 39+48.92 TO STA. 46+00, LT.
- CONSTRUCT STAGE 1 STORM SEWERS TRUNK LINE AND NORTH LATERALS WITHIN THE STAGE 1 LIMITS STA. 39+48.92 TO STA. 46+00, LT.
- CONSTRUCT SEWERS, SUBGRADE, AGGREGATE BASES, PAVEMENTS WITHOUT BITUMINOUS SURFACE COURSE AND CURB AND GUTTERS LEFT OF CENTERLINE.

THESE FOLLOWING ITEMS TO BE COMPLETED IN STAGE 1B IF NOT PREVIOUSLY COMPLETED AS PART OF STAGE 1.

- CONSTRUCT CONCRETE DRIVEWAYS IN THEIR ENTIRETY AND ASPHALT DRIVEWAY WITH BINDER COURSE.
- CONSTRUCT BRICK PAVER ENTRANCE AND SIDEWALK AT THE POLICE STATION IN ITS ENTIRETY.
- CONSTRUCT MEDIAN CURB AND GUTTER LEFT OF CENTERLINE.
- CONSTRUCT STREET LIGHTING LEFT OF CENTERLINE.
- CONSTRUCT BIKE PATH IN IT ENTIRETY.
- PLACE TOPSOIL, FINAL TURF, AND LANDSCAPING (INCLUDING TREE AND SHRUBS) LEFT OF CENTERLINE IN ITS ENTIRETY

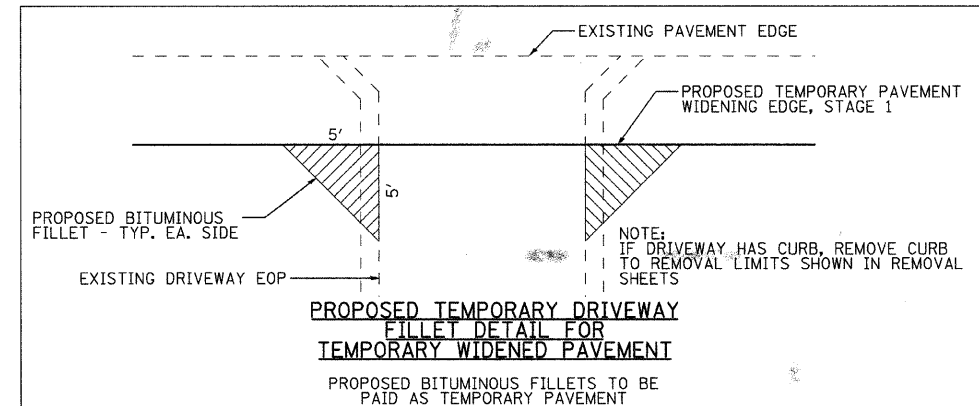
STAGING NOTE: IF CONTRACTOR COMPLETES WORK WITHIN STAGE 1B PRIOR TO COMPLETING ALL WORK IN STAGE 1, THE STAGE 1 TRAFFIC CONTROL AND INTERSECTION AT TEMPORARY PRE-TIMED STAGE 1 SIGNAL PHASING AT CHURCH ROAD SHALL BE RE-ESTABLISHED. IT IS THE INTENT OF THE TRAFFIC CONTROL PLAN TO LIMIT THE AMOUNT OF TIME THAT LEFT TURN LANES WILL BE OUT OF SERVICE AT THIS INTERSECTION. THERE WILL BE NO ADDITIONAL COMPENSATION FOR RE-ESTABLISHING THE STAGE 1 TRAFFIC CONTROL PLAN, WITH THE EXCEPTION THAT TEMPORARY STRIPING WILL BE MEASURED FOR SEPARATELY FOR PAYMENT.

STAGE 2

- SET UP STAGE 2 TRAFFIC CONTROL AND TEMPORARY PRE-TIMED STAGE 2 SIGNAL PHASING AT CHURCH ROAD. MAINTAIN ACCESS AT OHIO STREET, AUTUMN LANE, AND TRASK ROAD EXCEPT AS ALLOWED BY DETOUR PLAN TO COMPLETE WORK AT TRASK ROAD.
- PLACE EROSION CONTROL.
- REMOVE, TEMPORARY PAVEMENT WIDENING, AND SURFACE OVERLAY RIGHT OF CENTERLINE.
- REMOVE EXISTING PAVEMENT, DRIVEWAYS, AND UTILITIES LEFT OF CENTERLINE (SEE MOT PLANS, SHEETS) FROM STA. 39+48.92 TO STA. 72+80.91, RT.
- CONSTRUCT TRAFFIC SIGNAL INTERCONNECT IN ITS ENTIRETY STA. 39+48.92 TO STA. 72+80.91, RT.
- CONSTRUCT STAGE 2 STORM SEWERS SOUTH LATERALS WITHIN THE STAGE 2 LIMITS STA. 39+48.92 TO STA. 72+80.91.
- CONSTRUCT SUBGRADE, AGGREGATE BASES, PAVEMENTS WITHOUT BITUMINOUS SURFACE COURSE (BINDER ONLY) AND CURB AND GUTTERS RIGHT OF CENTERLINE.
- CONSTRUCT CONCRETE DRIVEWAYS IN THEIR ENTIRETY AND ASPHALT DRIVEWAY WITH BINDER COURSE.
- CONSTRUCT BRICK PAVER ENTRANCE AT THE PARK IN ITS ENTIRETY.
- CONSTRUCT MEDIAN CURB AND GUTTER RIGHT OF CENTERLINE. BACKFILL MEDIAN WITH TOPSOIL.
- CONSTRUCT CONCRETE AND MODULAR PAVER MEDIANS.
- CONSTRUCT PARTIAL TRAFFIC SIGNAL INSTALLATION AT OHIO STREET.
- CONSTRUCT STREET LIGHTING RIGHT OF CENTERLINE.
- CONSTRUCT SIDEWALK AND BIKE PATH IN THEIR ENTIRETY.
- PLACE TOPSOIL, FINAL TURF, AND LANDSCAPING (INCLUDING TREE AND SHRUBS) MEDIAN AND RIGHT OF CENTERLINE IN ITS ENTIRETY.

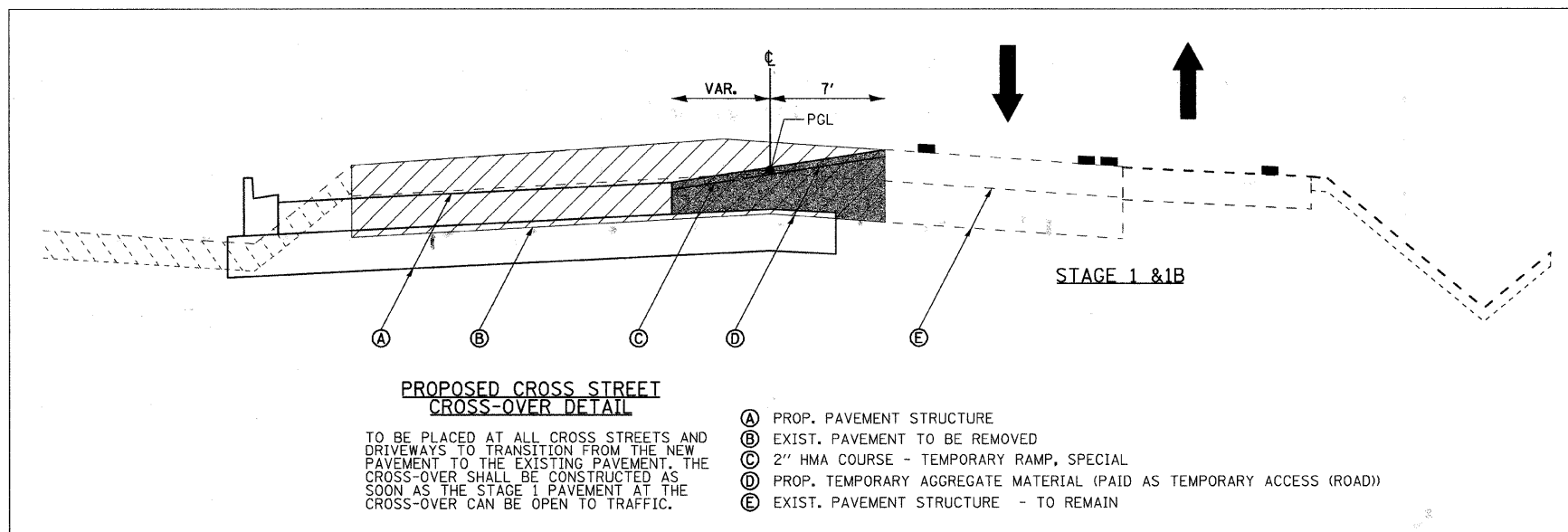
STAGE 3

- OPEN ALL LANES TO TRAFFIC FROM STA. 39+48.92 TO STA. 72+80.91.
- CONSTRUCT PAVEMENT SURFACE MILLING STA. 34+84.29 TO STA. 39+76.11, STA. 39+29.76 TO STA. 40+97 AND STA. 72+80.91 TO STA. 75+13.53. MAINTENANCE OF TRAFFIC FOR THE MILLING AND OVERLAY OPERATION SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STD. 701306.
- CONSTRUCT BITUMINOUS LEVELING (AS REQUIRED) IN MILLED AREAS. APPLY BITUMINOUS TACK COAT.
- CONSTRUCT HMA SURFACE COURSE FROM STA. 34+84.29 TO STA. 75+13.53. THIS WORK SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL STANDARDS 701306.
- CONSTRUCT TRAFFIC CONTROL DETECTOR LOOPS IN MILLED AREAS, RE-SET TRAFFIC SIGNAL TO ACTUATED PHASING AT CHURCH ROAD INTERSECTIONS.
- ACTIVATE TRAFFIC SIGNAL AT OHIO STREET.
- PLACE ALL PERMANENT PAVEMENT MARKINGS AND SIGNAGE STA. 34+84.29 TO STA. 75+13.53.
- REMOVE REMAINING TRAFFIC CONTROL DEVICES AND SIGNAGE.



LEGEND - TYPICALS

- DRUM WITH MONO DIRECTIONAL STEADY BURNING LIGHT
- VERTICAL SIGN PANELS (GROUND MOUNTED)
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC FLOW
- DIRECTIONAL BARRICADES
- ARROW BOARD
- TRAFFIC CONTROL SIGN
- TEMPORARY CONCRETE BARRIER
- TEMPORARY PAVEMENT MARKING
- PAVEMENT MARKING REMOVAL
- ATTENUATOR END TREATMENT
- WORK ZONE
- TEMPORARY HMA PAVEMENT WIDENING



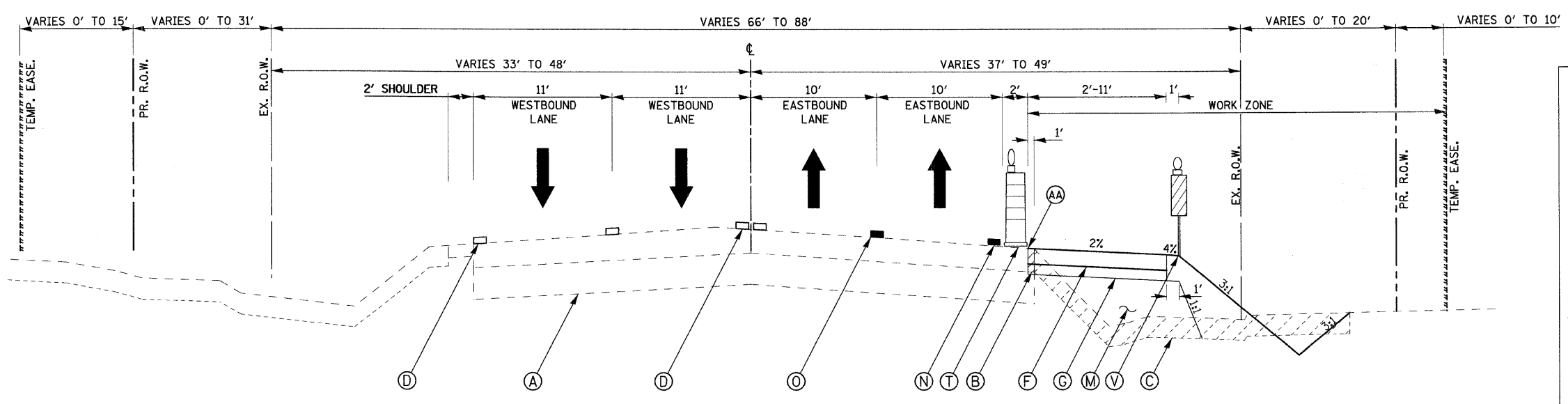
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - GENERAL NOTES
 INDIAN TRAIL ROAD
 SHEET 1 OF 22

RHA&A
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 044-029281
 Phone No. 630-584-3530

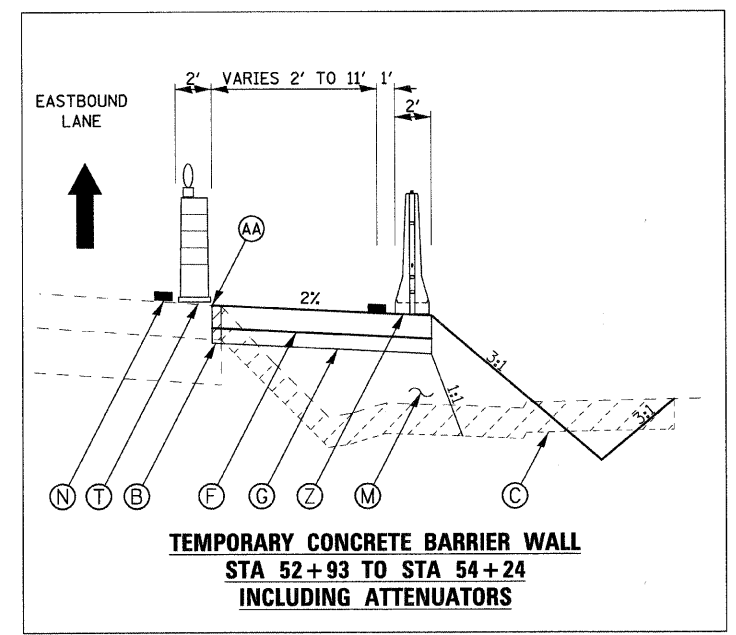
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 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	42
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**INDIAN TRAIL SUBSTAGE 1A
TEMPORARY PAVEMENT WIDENING
STA. 39+48.92 TO STA. 72+80.91**

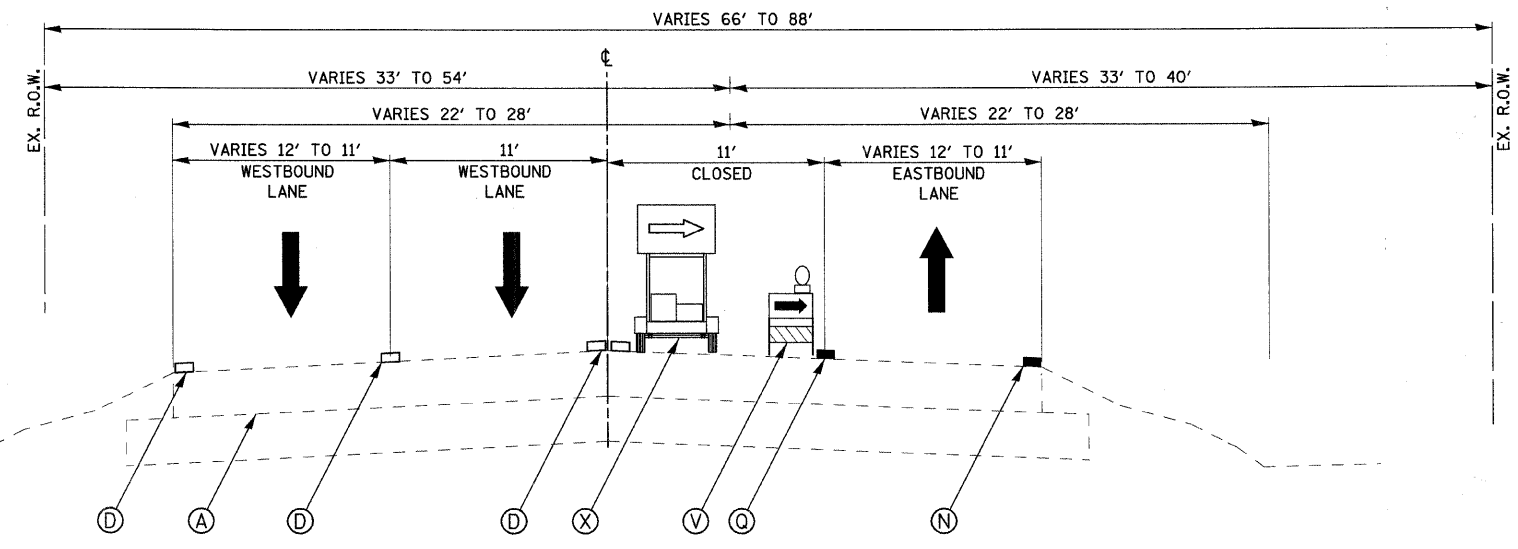
TEMPORARY PAVEMENT TO BE CONSTRUCTED UNDER STANDARD 70101500 (SPECIAL)



**TEMPORARY CONCRETE BARRIER WALL
STA 52+93 TO STA 54+24
INCLUDING ATTENUATORS**

LEGEND

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) EXIST. EARTH/TOPSOIL - TO BE REMOVED
- (D) EXIST. PAVEMENT MARKINGS - TO REMAIN
- (E) PROP. PAVEMENT STRUCTURE
- (F) PROP. TEMPORARY BITUMINOUS PAVEMENT - 6"
- (G) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (H) PROP. BITUMINOUS BIKE PATH
- (I) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (J) PROP. BITUMINOUS SURFACE COURSE
- (K) PROP. SURFACE MILLING - (THICKNESS SAME AS SURFACE CRSE.)
- (L) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (M) PROP. STRUCTURAL EMBANKMENT
- (N) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (P) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (Q) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (R) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (S) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (T) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (U) DIRECTIONAL TYPE 1 BARRICADES
- (V) VERTICAL PANELS - POST MOUNTED
- (W) TYPE III BARRICADES
- (X) DIRECTIONAL ARROW BOARD
- (Y) FLEXIBLE DELINEATOR
- (Z) TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
- (AA) FULL DEPTH SAWCUT



**PROPOSED INDIAN TRAIL LANE REDUCTION
DETAIL - STAGE 1
STA. 29+30.82 TO STA. 34+78.96**

STRUCTURAL PAVEMENT DESIGN-TEMPORARY PAVEMENT

STRUCTURAL DESIGN TRAFFIC: Year 2009
 PV = 20772 SU = 562 MU = 346
 ROAD/STREET CLASSIFICATION: Class I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 96 S = 3 M = 2
 TRAFFIC FACTOR: Actual TF = 0.11 AC Type = PG 64-22
 Minimum TF = N/A
 PG GRADE: Binder = PG 64-22 Surface = PG 64-22/58-22
 SUBGRADE SUPPORT RATING: SSR = POOR

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ITEM	AC TYPE	VOIDS	RAP
INDIAN TRAIL ROAD			
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm), 6"	PG 64-22/58-22	4% @ 50 GYR.	25

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

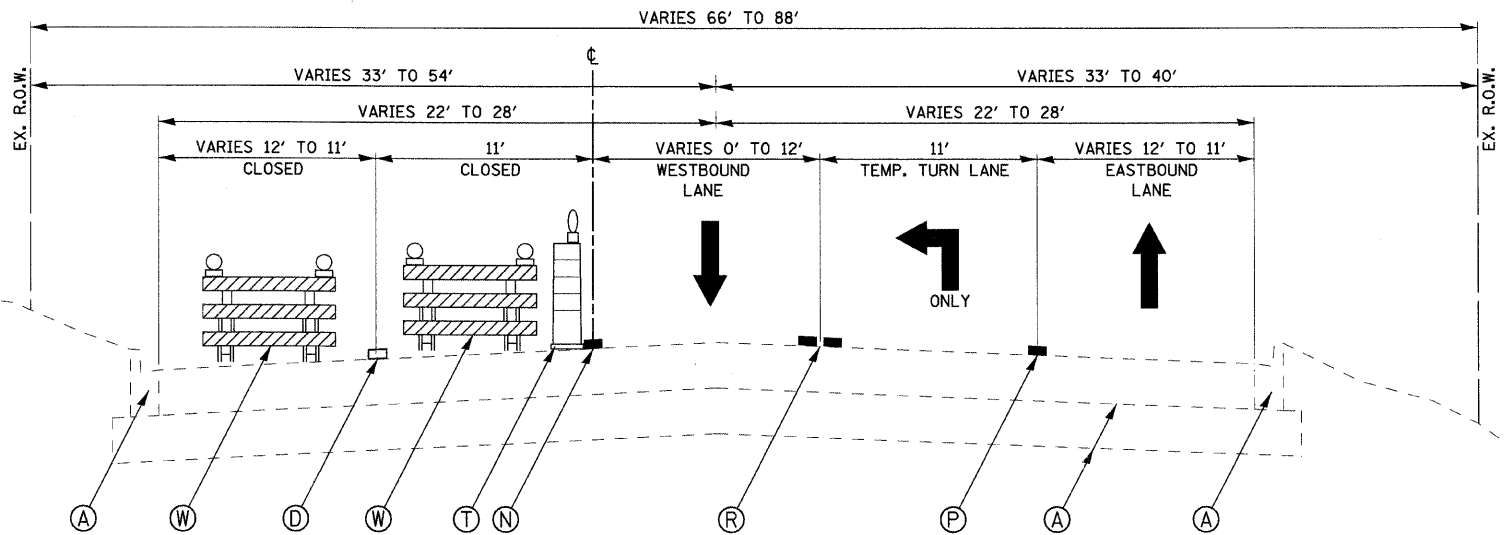


REVISIONS	
NAME	DATE

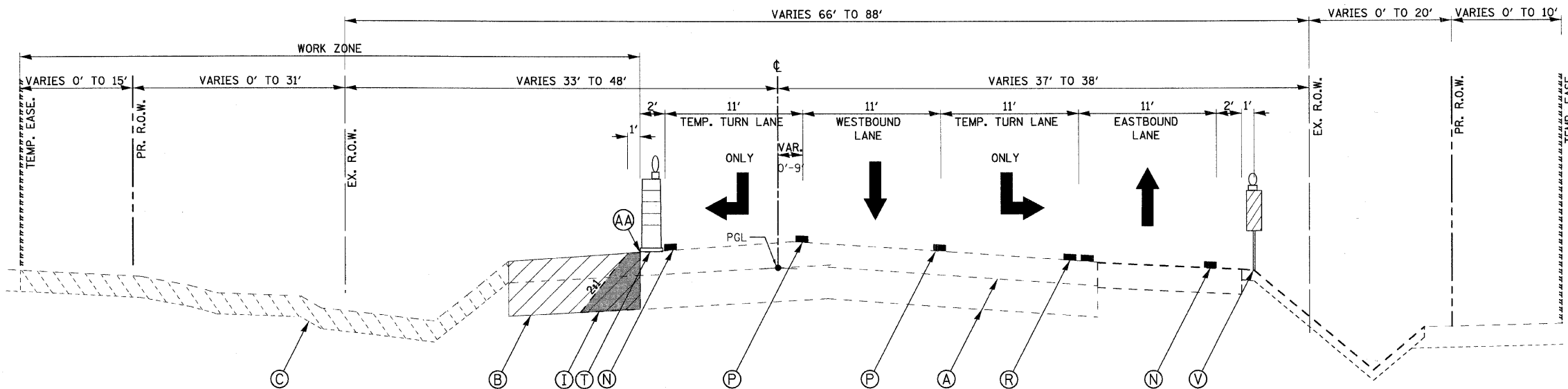
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - TYPICAL SECTION
 INDIAN TRAIL ROAD
 SHEET 2 OF 22
 SCALE: VERT. N/A
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

PLOT DATE = 1/5/2009
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 USER NAME = USER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	43
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PROPOSED INDIAN TRAIL LANE REDUCTION
DETAIL - STAGE 1
STA. 37+23.07 TO STA. 38+41.56**



**INDIAN TRAIL STAGE 1
STA. 39+48.92 TO STA. 46+00.00**

- LEGEND**
- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
 - (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
 - (C) EXIST. EARTH/TOPSOIL - TO BE REMOVED
 - (D) EXIST. PAVEMENT MARKINGS - TO REMAIN
 - (E) PROP. PAVEMENT STRUCTURE
 - (F) PROP. TEMPORARY BITUMINOUS PAVEMENT - 6"
 - (G) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
 - (H) PROP. BITUMINOUS BIKE PATH
 - (I) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
 - (J) PROP. BITUMINOUS SURFACE COURSE
 - (K) PROP. SURFACE MILLING - (THICKNESS SAME AS SURFACE CRSE.)
 - (L) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
 - (M) PROP. STRUCTURAL EMBANKMENT
 - (N) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
 - (O) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
 - (P) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
 - (Q) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
 - (R) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
 - (S) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
 - (T) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
 - (U) DIRECTIONAL TYPE 1 BARRICADES
 - (V) VERTICAL PANELS - POST MOUNTED
 - (W) TYPE III BARRICADES
 - (X) DIRECTIONAL ARROW BOARD
 - (Y) FLEXIBLE DELINEATOR
 - (Z) TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
 - (AA) FULL DEPTH SAWCUT

**INDIAN TRAIL
STRUCTURAL PAVEMENT DESIGN**

STRUCTURAL DESIGN TRAFFIC: Year 2020
 PV = 28740 SU = 780 MU = 480
 ROAD/STREET CLASSIFICATION: Class I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 96 S = 3 M = 2
 TRAFFIC FACTOR: Actual TF = 3.04 AC Type = PG 70-22
 Minimum TF = N/A
 PG GRADE: Binder = PG 70-22 Surface = PG 70-22
 SUBGRADE SUPPORT RATING: SSR = POOR

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ITEM	AC TYPE	VOIDS	RAP
ROADWAY			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR.	10
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.	10
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	PG 64-22	4% @ 70 GYR.	15
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22/58-22	4% @ 70 GYR.	25
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm)	PG 64-22/58-22	4% @ 90 GYR.	25

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

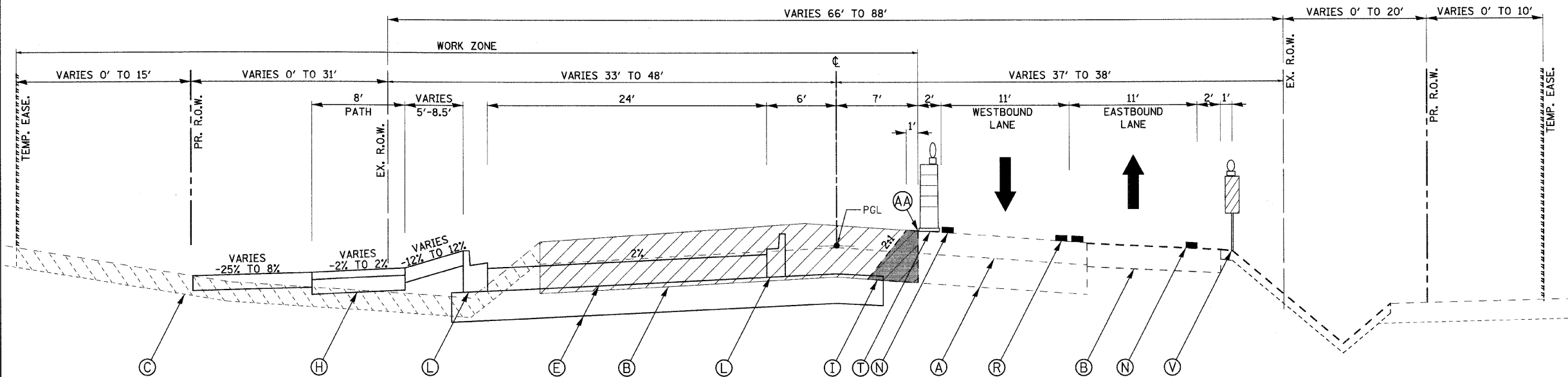
HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ITEM	AC TYPE	VOIDS	RAP
DRIVEWAYS			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"(IL 9.5 mm)(P.E. & C.E.)	PG 64-22	4% @ 50 GYR.	15
HOT-MIX ASPHALT BASE COURSE, 6" (PRIVATE)	PG 64-22 /58-22	4% @ 50 GYR.	25
HOT-MIX ASPHALT BASE COURSE, 8" (COMMERCIAL)	PG 64-22 /58-22	4% @ 50 GYR.	25
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6" (PRIVATE)	NA	NA	NA
BIKE PATH			
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3" (IL 9.5 mm)	PG 64-22	4% @ 50 GYR.	15

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		MAINTENANCE OF TRAFFIC - TYPICAL SECTION INDIAN TRAIL ROAD SHEET 3 OF 22



SCALE: VERT. DRAWN BY TC
 HORIZ. N/A CHECKED BY TC/SBP
 DATE 1/7/09

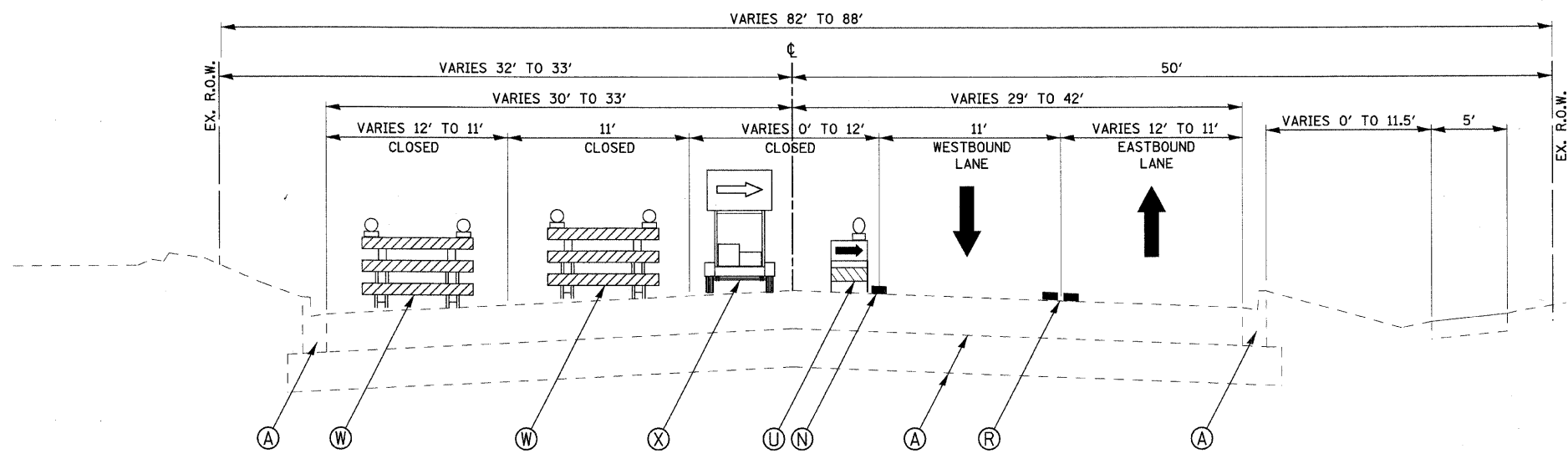
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	44
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**INDIAN TRAIL STAGE 1
STA. 46+00.00 TO STA. 72+80.91**

LEGEND

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) EXIST. EARTH/TOPSOIL - TO BE REMOVED
- (D) EXIST. PAVEMENT MARKINGS - TO REMAIN
- (E) PROP. PAVEMENT STRUCTURE
- (F) PROP. TEMPORARY BITUMINOUS PAVEMENT - 6"
- (G) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (H) PROP. BITUMINOUS BIKE PATH
- (I) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (J) PROP. BITUMINOUS SURFACE COURSE
- (K) PROP. SURFACE MILLING - (THICKNESS SAME AS SURFACE CRSE.)
- (L) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (M) PROP. STRUCTURAL EMBANKMENT
- (N) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (P) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (Q) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (R) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (S) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (T) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (U) DIRECTIONAL TYPE 1 BARRICADES
- (V) VERTICAL PANELS - POST MOUNTED
- (W) TYPE III BARRICADES
- (X) DIRECTIONAL ARROW BOARD
- (Y) FLEXIBLE DELINEATOR
- (Z) TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
- (AA) FULL DEPTH SAWCUT



**PROPOSED INDIAN TRAIL LANE REDUCTION
DETAIL - STAGE 1
STA. 72+80.91 TO STA. 75+13.59**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC - TYPICAL SECTION
INDIAN TRAIL ROAD
SHEET 4 OF 22

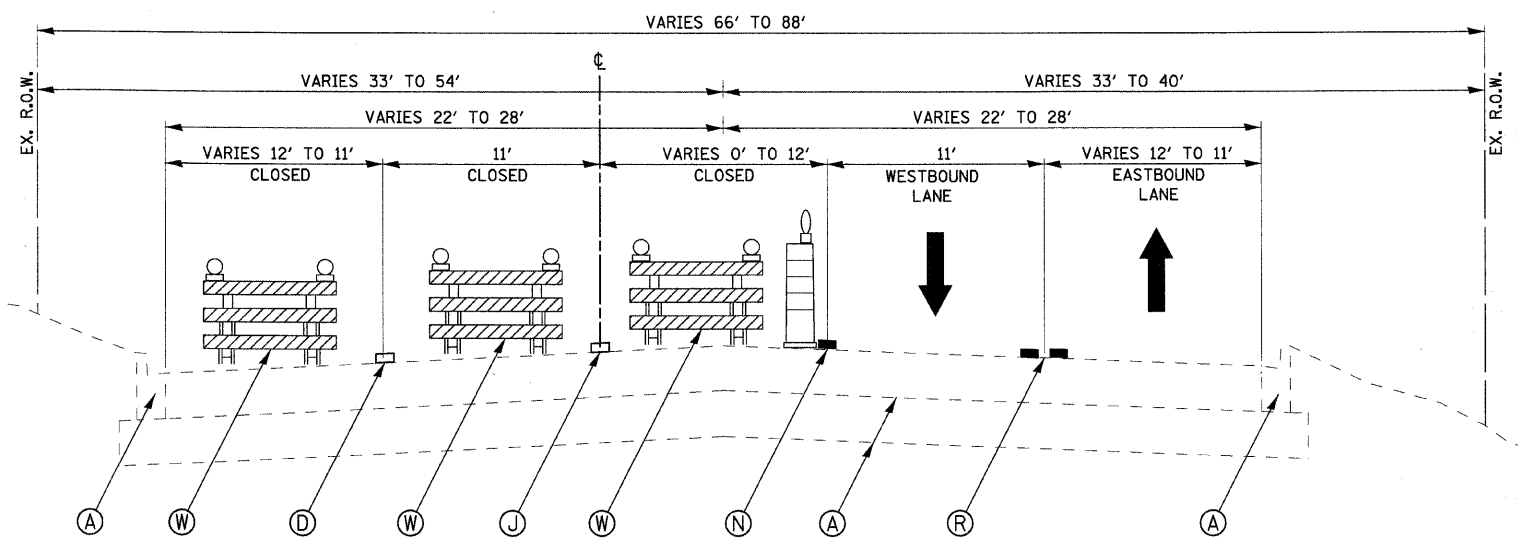
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DATE 1/7/09

DRAWN BY TC
CHECKED BY TC/SBP

RHAA
Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 084-005281
Phone No. 630-584-3530

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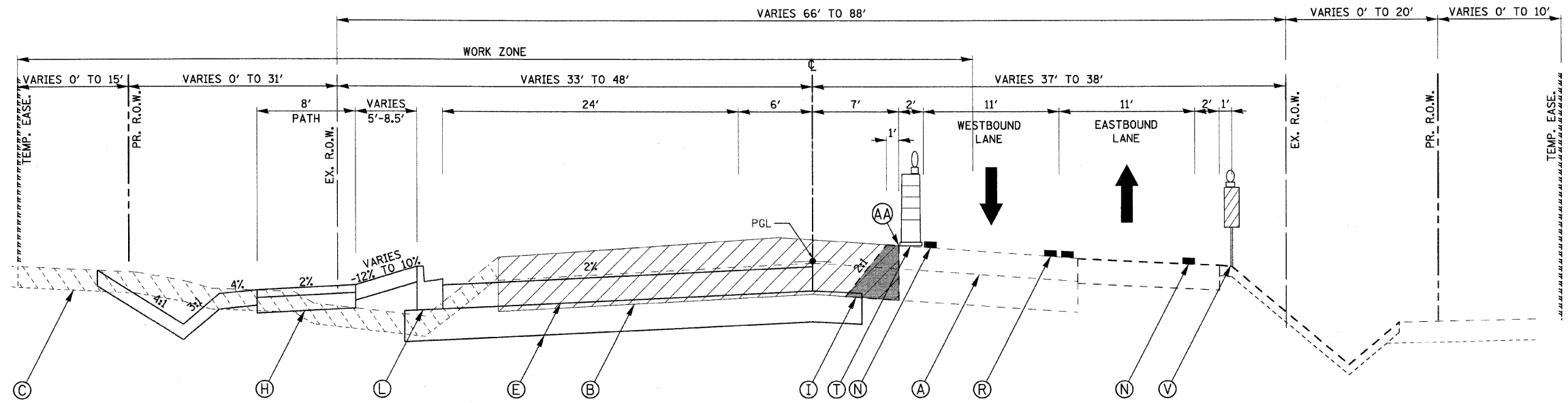
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	45
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED INDIAN TRAIL - STAGE 1B
STA. 37 + 35.75 TO STA. 38 + 41.56

STAGE 1 LANE REDUCTION
 TO REMAIN

- LEGEND**
- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
 - (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
 - (C) EXIST. EARTH/TOPSOIL - TO BE REMOVED
 - (D) EXIST. PAVEMENT MARKINGS - TO REMAIN
 - (E) PROP. PAVEMENT STRUCTURE
 - (F) PROP. TEMPORARY BITUMINOUS PAVEMENT - 6"
 - (G) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
 - (H) PROP. BITUMINOUS BIKE PATH
 - (I) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
 - (J) PROP. BITUMINOUS SURFACE COURSE
 - (K) PROP. SURFACE MILLING - (THICKNESS SAME AS SURFACE CRSE.)
 - (L) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
 - (M) PROP. STRUCTURAL EMBANKMENT
 - (N) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
 - (O) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
 - (P) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
 - (Q) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
 - (R) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
 - (S) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
 - (T) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
 - (U) DIRECTIONAL TYPE 1 BARRICADES
 - (V) VERTICAL PANELS - POST MOUNTED
 - (W) TYPE III BARRICADES
 - (X) DIRECTIONAL ARROW BOARD
 - (Y) FLEXIBLE DELINEATOR
 - (Z) TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
 - (AA) FULL DEPTH SAWCUT



INDIAN TRAIL STAGE 1B
STA. 39 + 48.92 TO STA. 46 + 00.00

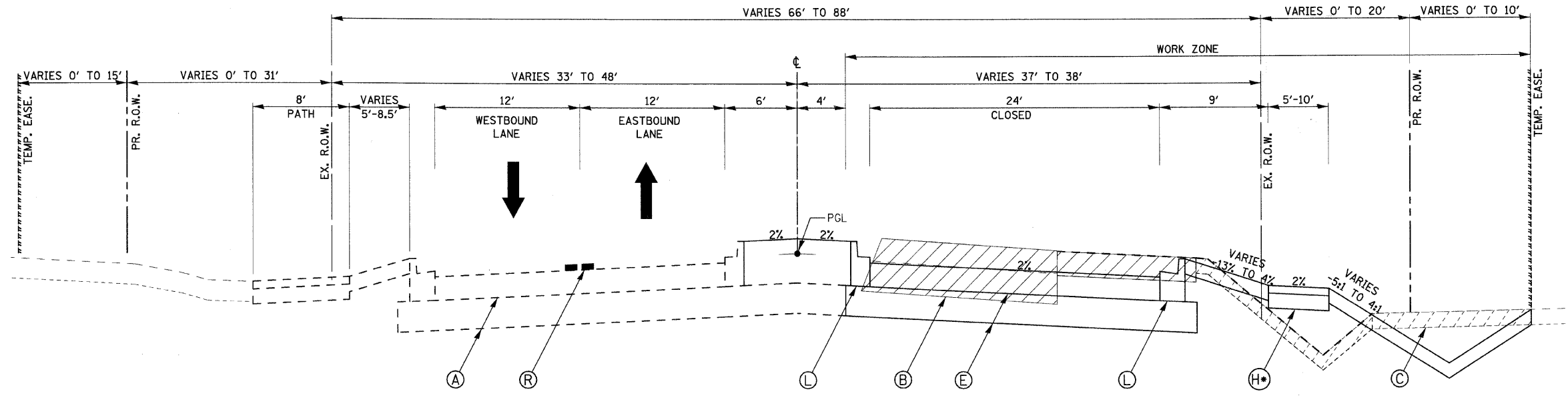
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		MAINTENANCE OF TRAFFIC - TYPICAL SECTION INDIAN TRAIL ROAD SHEET 5 OF 22

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 License No. 084-005299
 Phone No. 630-584-3530

SCALE: VERT. DRAWN BY TC
 HORIZ. N/A CHECKED BY TC/SBP
 DATE 1/7/09

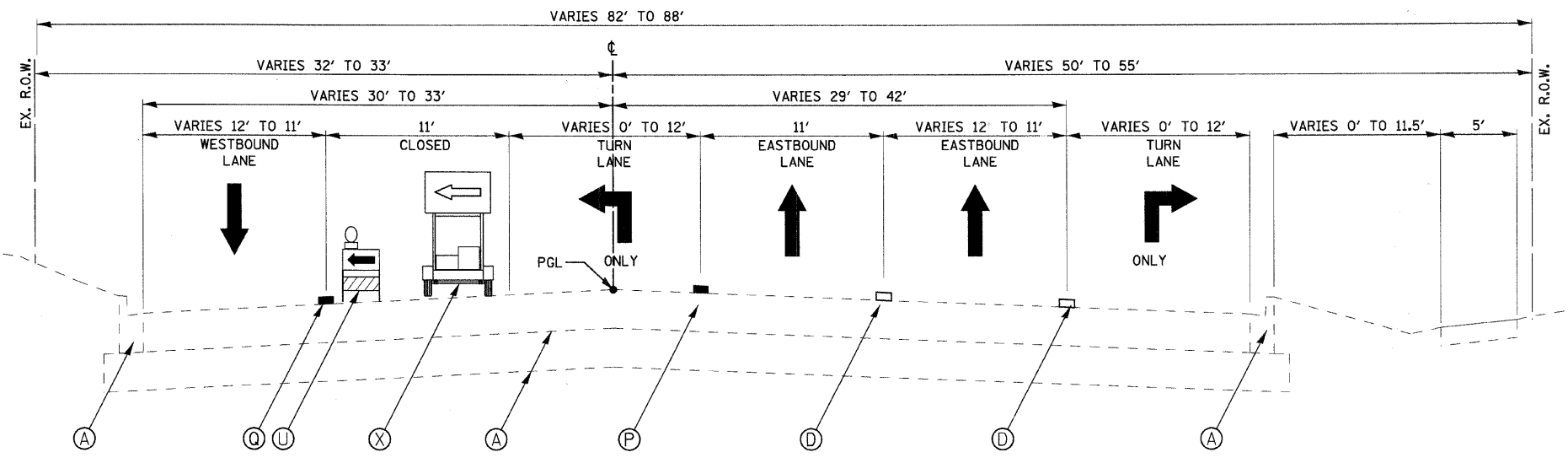
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	47
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



*** STA 57+26 TO STA 72+77**
INDIAN TRAIL STAGE 2
STA. 39+48.92 TO STA. 72+80.91

- LEGEND**
- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
 - (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
 - (C) EXIST. EARTH/TOPSOIL - TO BE REMOVED
 - (D) EXIST. PAVEMENT MARKINGS - TO REMAIN
 - (E) PROP. PAVEMENT STRUCTURE
 - (F) PROP. TEMPORARY BITUMINOUS PAVEMENT - 6"
 - (G) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
 - (H) PROP. BITUMINOUS BIKE PATH
 - (I) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
 - (J) PROP. BITUMINOUS SURFACE COURSE
 - (K) PROP. SURFACE MILLING - (THICKNESS SAME AS SURFACE CRSE.)
 - (L) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
 - (M) PROP. STRUCTURAL EMBANKMENT
 - (N) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
 - (O) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
 - (P) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
 - (Q) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
 - (R) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
 - (S) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
 - (T) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
 - (U) DIRECTIONAL TYPE 1 BARRICADES
 - (V) VERTICAL PANELS - POST MOUNTED
 - (W) TYPE III BARRICADES
 - (X) DIRECTIONAL ARROW BOARD
 - (Y) FLEXIBLE DELINEATOR
 - (Z) TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
 - (AA) FULL DEPTH SAWCUT



PROPOSED INDIAN TRAIL LANE REDUCTION
DETAIL - STAGE 2
STA. 72+80.91 TO STA. 77+28.76

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RHA&A
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 084-005281
 Phone No. 630-584-3530

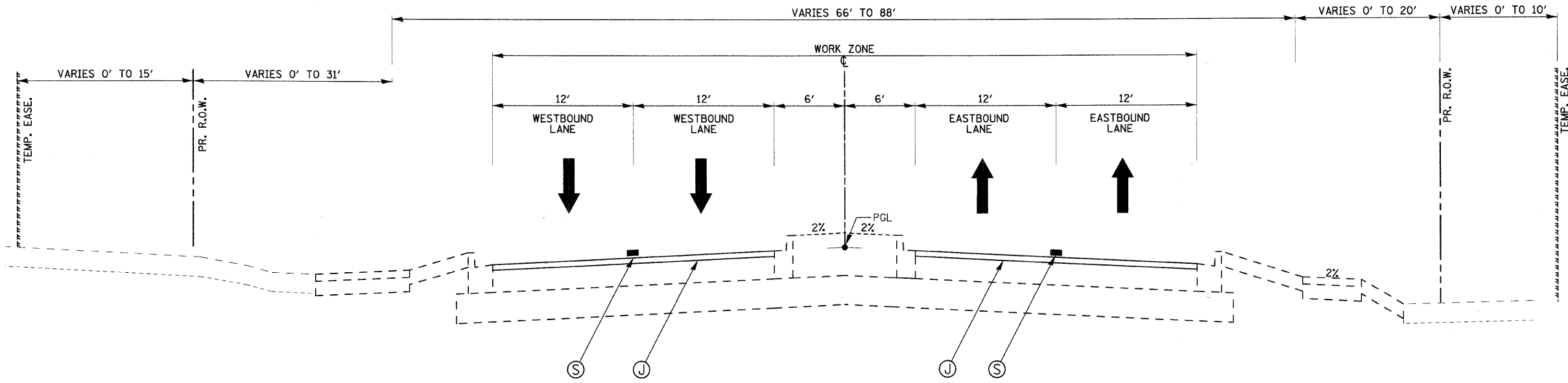
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - TYPICAL SECTION
 INDIAN TRAIL ROAD
 SHEET 7 OF 22

SCALE: VERT. N/A
 HORIZ. N/A
 DATE 1/7/09

DRAWN BY TC
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	48
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**INDIAN TRAIL STAGE 3
STA. 39+48.29 TO STA. 75+13.53**

LEGEND

- (A) EXIST. PAVEMENT STRUCTURE - TO REMAIN
- (B) EXIST. PAVEMENT STRUCTURE - TO BE REMOVED
- (C) EXIST. EARTH/TOPSOIL - TO BE REMOVED
- (D) EXIST. PAVEMENT MARKINGS - TO REMAIN
- (E) PROP. PAVEMENT STRUCTURE
- (F) PROP. TEMPORARY BITUMINOUS PAVEMENT - 6"
- (G) PROP. TEMPORARY AGGREGATE BASE COURSE - 4"
- (H) PROP. BITUMINOUS BIKE PATH
- (I) PROP. TEMPORARY AGGREGATE SHOULDER (VAR. DEPTH) (TO BE PAID AS AGGREGATE SHOULDER SPECIAL)
- (J) PROP. BITUMINOUS SURFACE COURSE
- (K) PROP. SURFACE MILLING - (THICKNESS SAME AS SURFACE CRSE.)
- (L) PROP. COMB. CONCRETE CURB AND GUTTER/MEDIAN
- (M) PROP. STRUCTURAL EMBANKMENT
- (N) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID WHITE
- (O) TEMPORARY PAVEMENT MARKING LINE - 4" SKIP DASH WHITE
- (P) TEMPORARY PAVEMENT MARKING LINE - 6" SOLID WHITE
- (Q) TEMPORARY PAVEMENT MARKING LINE - 4" SOLID YELLOW
- (R) TEMPORARY PAVEMENT MARKING LINE - 2-4" DOUBLE YELLOW
- (S) TEMPORARY SHORT-TERM PAVEMENT MARKING LINE - 4" (COLOR AS REQ.)
- (T) DRUMS WITH STEADY BURN LIGHTS ON 50' CENTERS
- (U) DIRECTIONAL TYPE 1 BARRICADES
- (V) VERTICAL PANELS - POST MOUNTED
- (W) TYPE III BARRICADES
- (X) DIRECTIONAL ARROW BOARD
- (Y) FLEXIBLE DELINEATOR
- (Z) TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
- (AA) FULL DEPTH SAWCUT

REVISIONS	
NAME	DATE

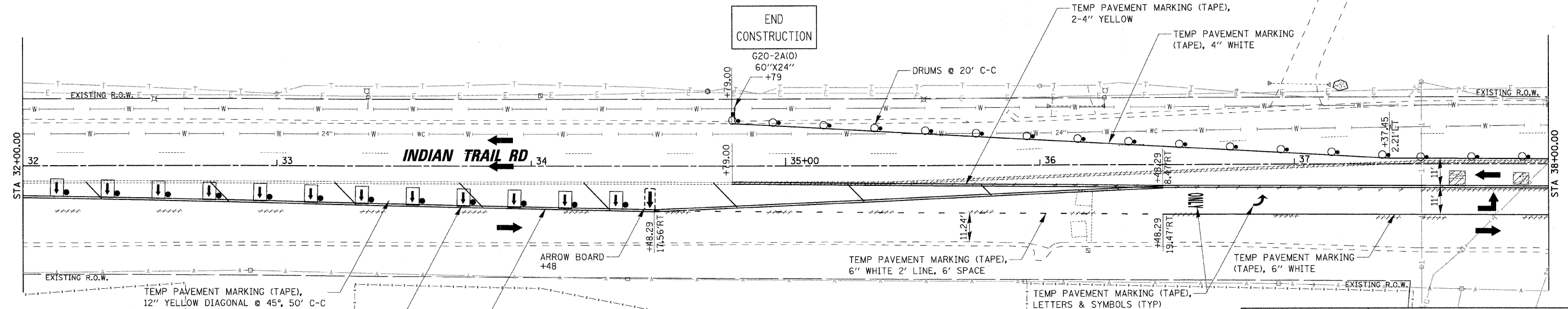
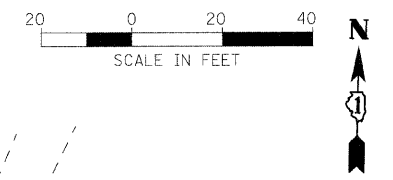
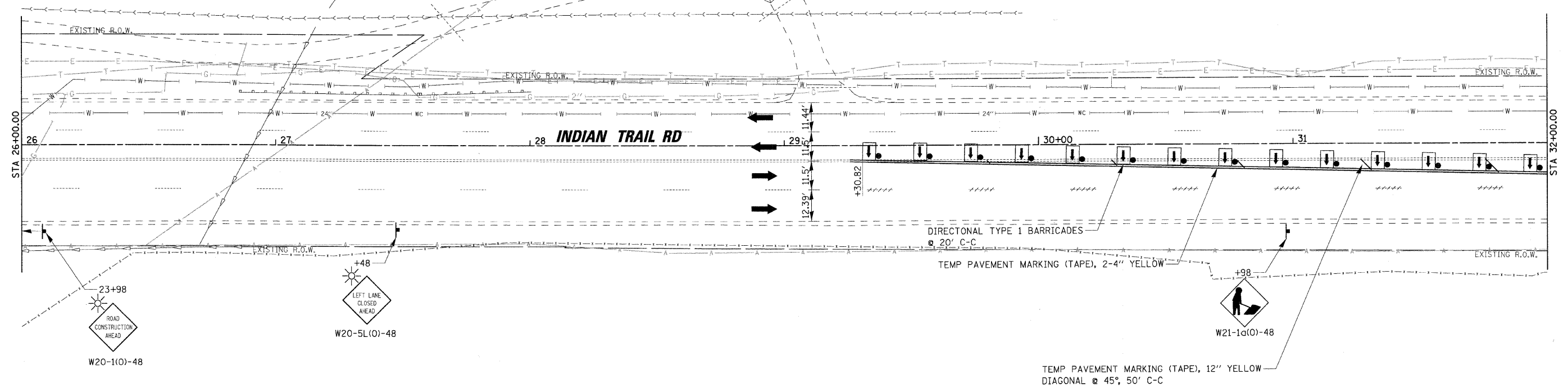
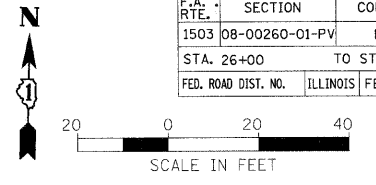
ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC - TYPICAL SECTION
INDIAN TRAIL ROAD
SHEET 8 OF 22

SCALE: VERT. DRAWN BY TC
 HORIZ. N/A CHECKED BY TC/SBP
DATE 1/7/09



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	49
STA. 26+00		TO STA. 38+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

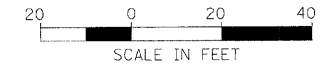
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - STAGE 1
 INDIAN TRAIL ROAD
 SHEET 9 OF 22

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 184-005281
 Phone No. 630-584-3530

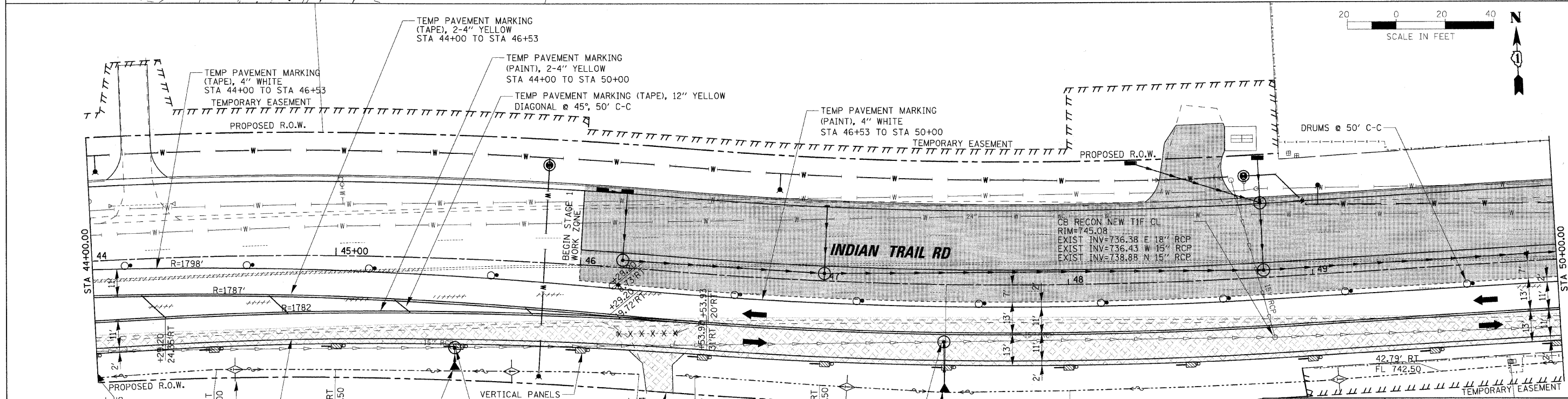
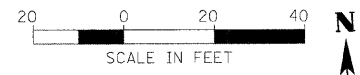
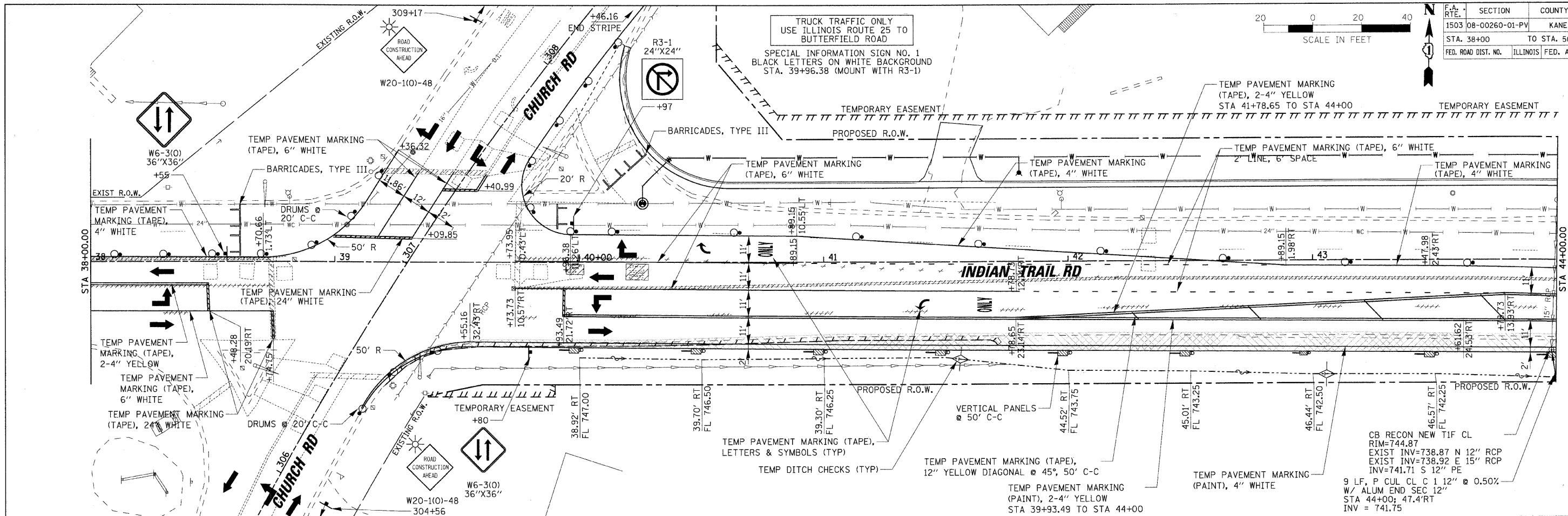
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 DATE 1/1/09
 DRAWN BY TC
 CHECKED BY TC/SBP

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	50
STA. 38+00		TO STA. 50+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRUCK TRAFFIC ONLY
USE ILLINOIS ROUTE 25 TO
BUTTERFIELD ROAD
SPECIAL INFORMATION SIGN NO. 1
BLACK LETTERS ON WHITE BACKGROUND
STA. 39+96.38 (MOUNT WITH R3-1)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1
INDIAN TRAIL ROAD
SHEET 10 OF 22

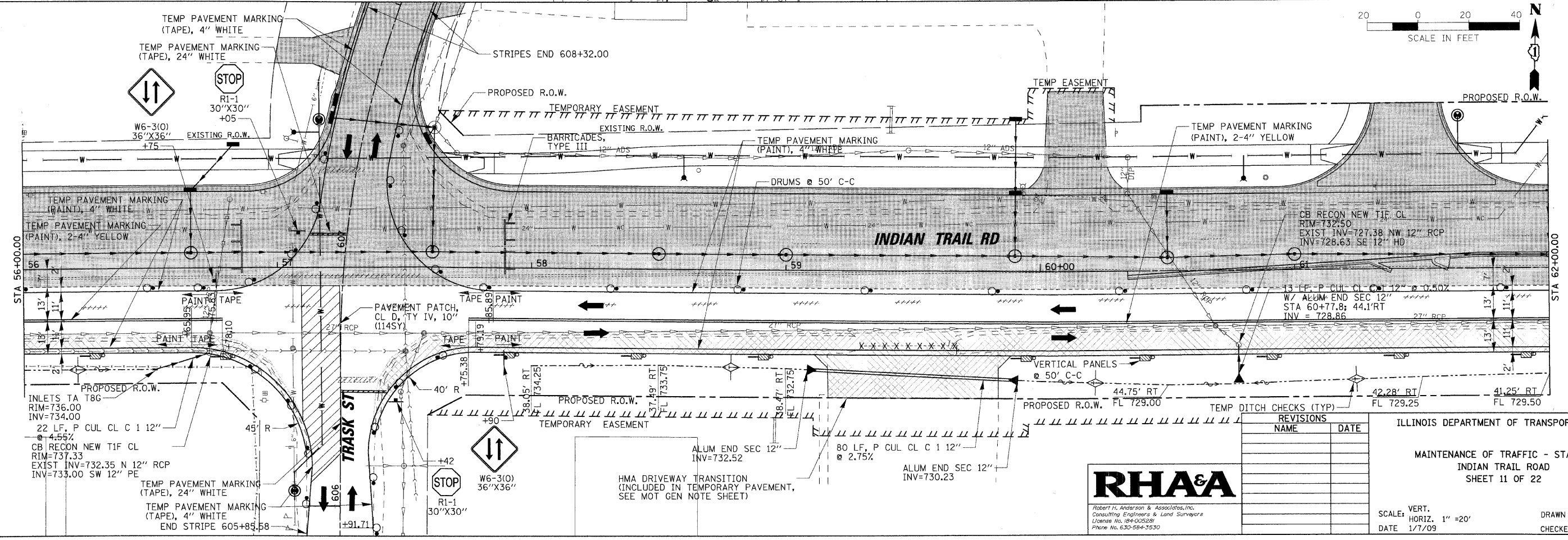
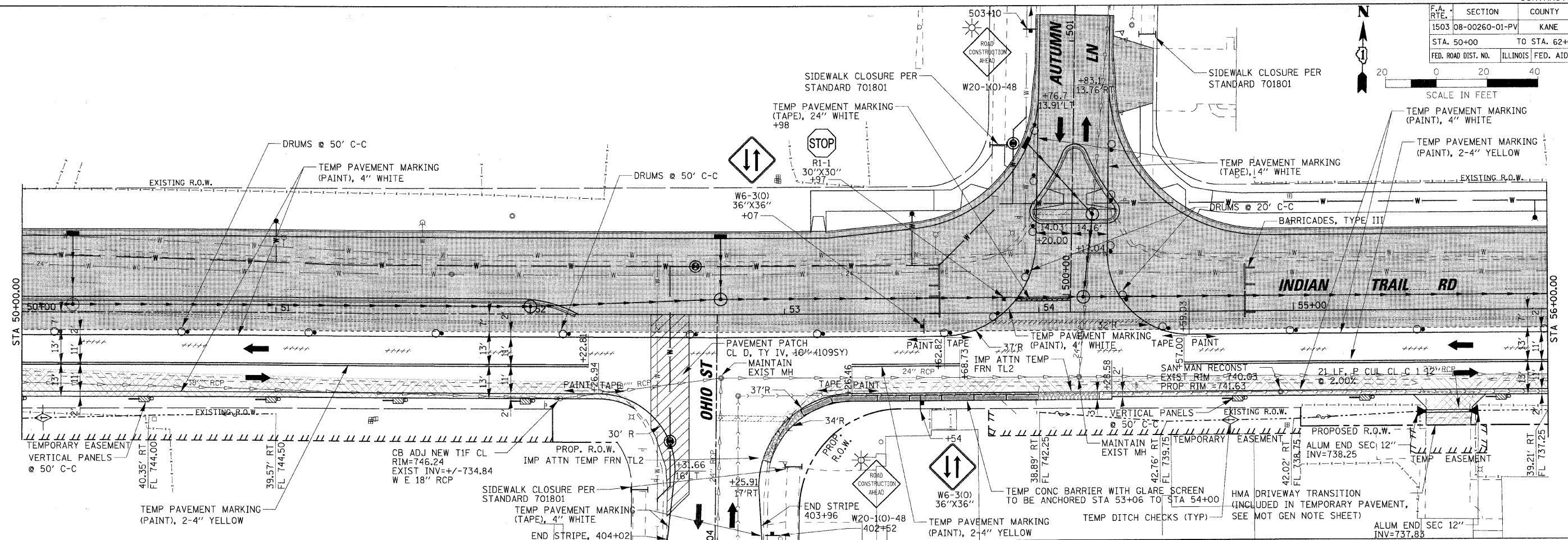
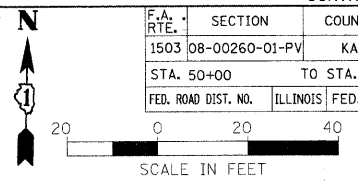
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DATE 1/7/09

DRAWN BY TC
CHECKED BY TC/SBP



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USER NAME = USER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	51
STA. 50+00		TO STA. 62+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - STAGE 1
 INDIAN TRAIL ROAD
 SHEET 11 OF 22

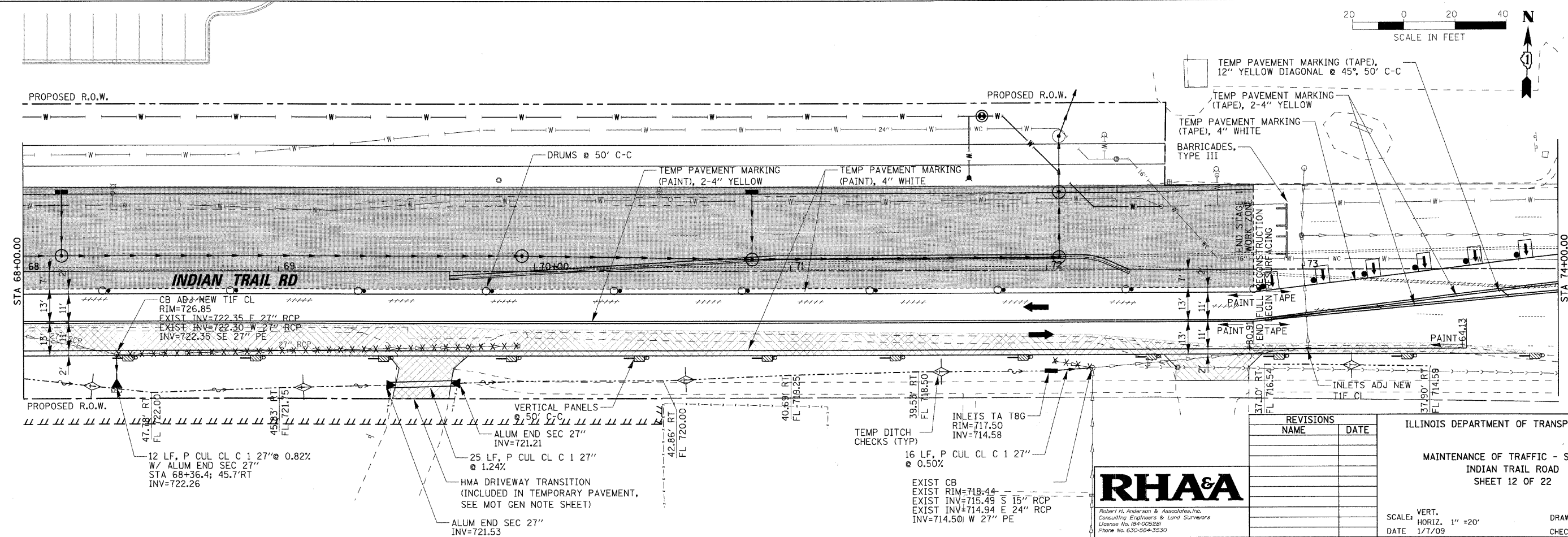
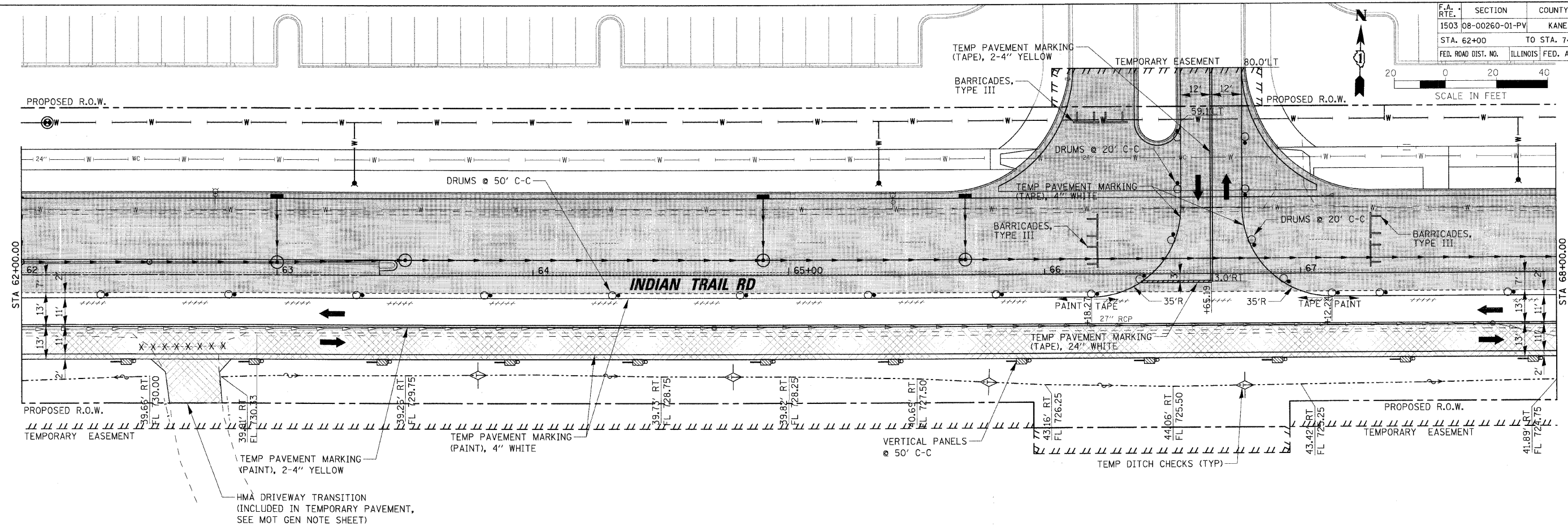
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 DATE 1/7/09

DRAWN BY TC
 CHECKED BY TC/SBP

RH&A
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 044-002528
 Phone No. 630-584-3530

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	52
STA. 62+00		TO STA. 74+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	NAME	DATE

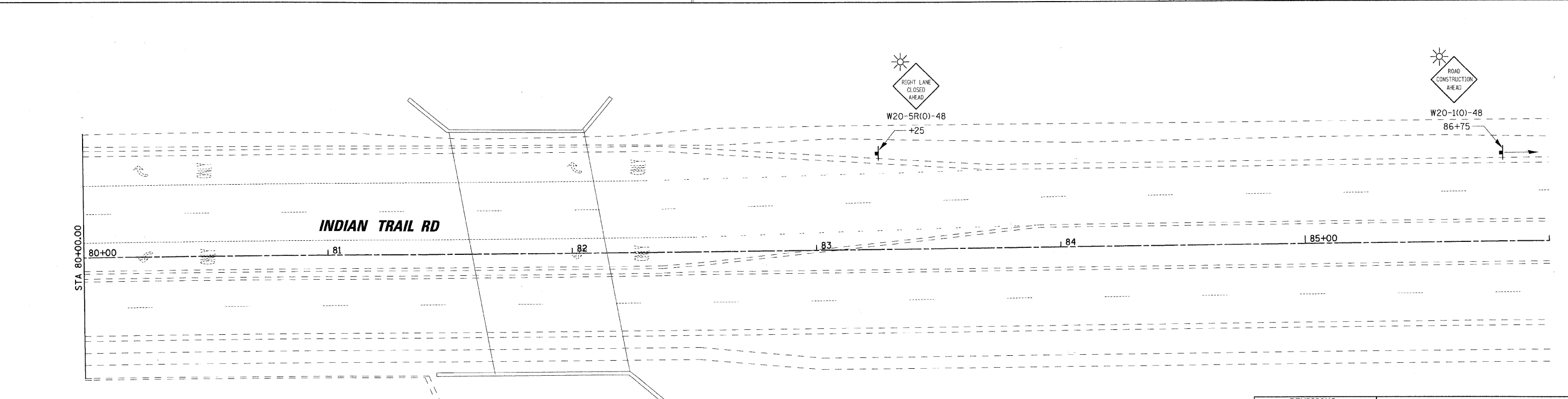
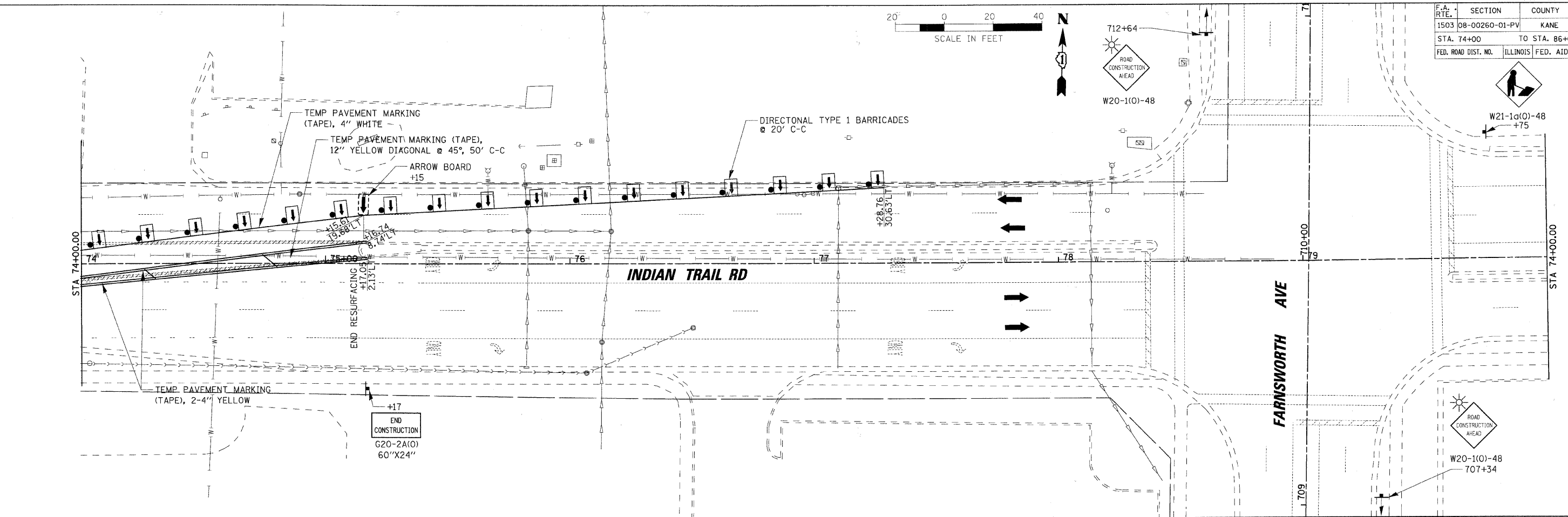
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - STAGE 1
 INDIAN TRAIL ROAD
 SHEET 12 OF 22

RHAA
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 License No. 084-005581
 Phone No. 630-584-3530

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

PLOT DATE = 1/5/2009
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 USER NAME = JUSEL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	53
STA. 74+00		TO STA. 86+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 1/15/2009
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REVISIONS	
NAME	DATE

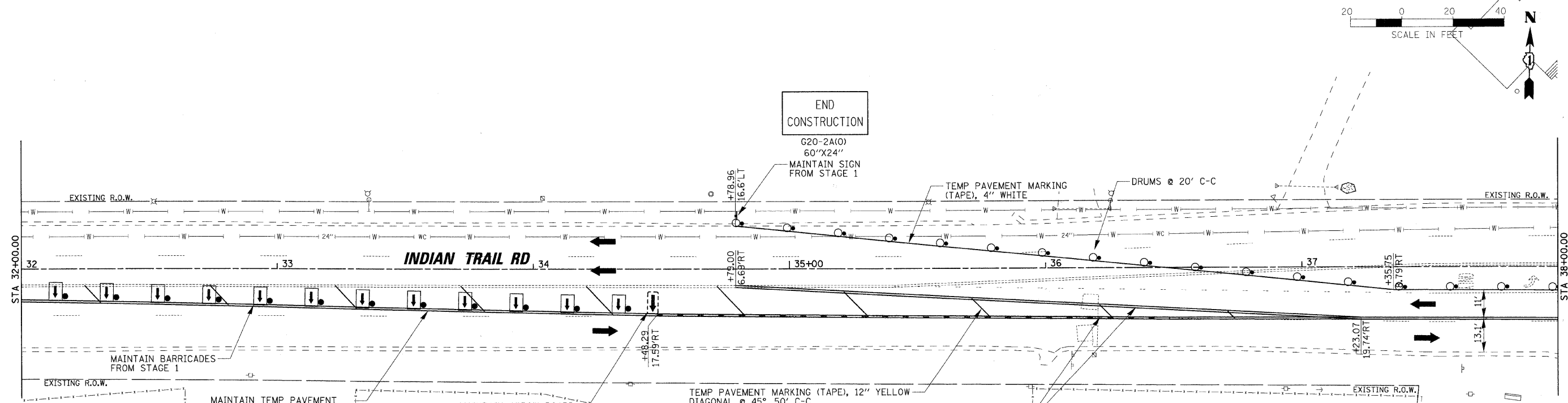
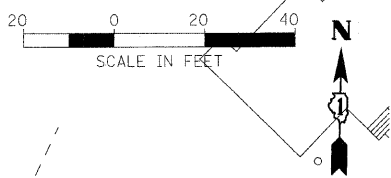
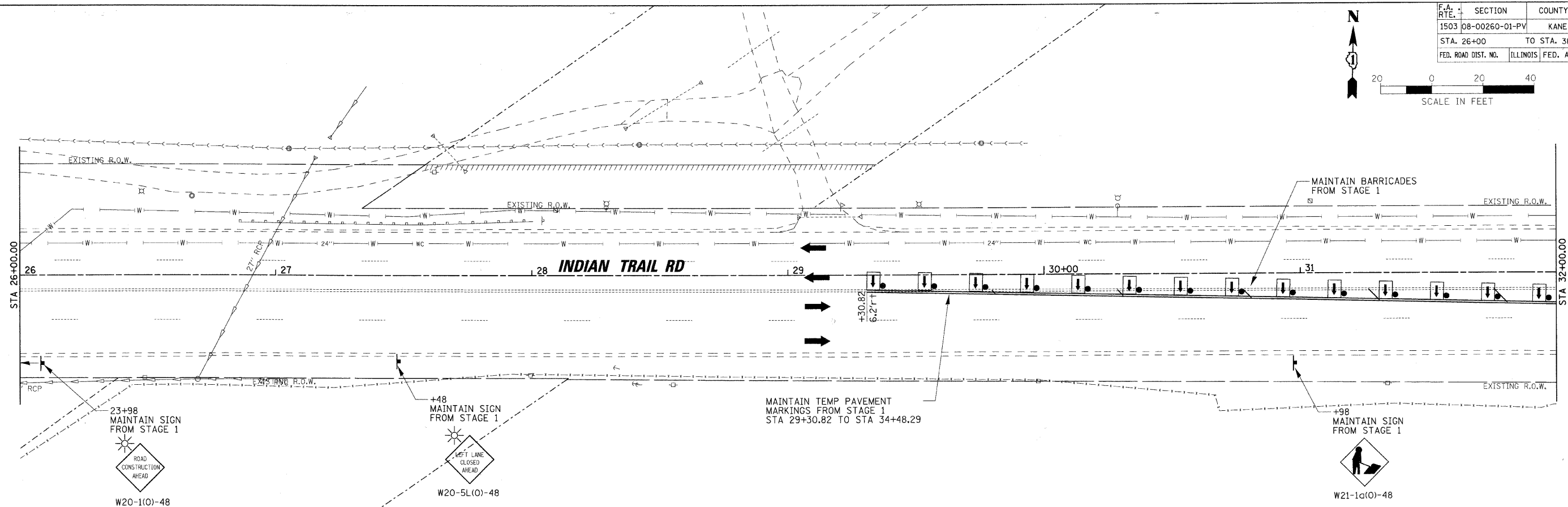
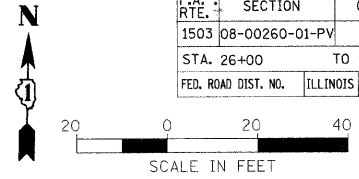
ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1
 INDIAN TRAIL ROAD
 SHEET 13 OF 22

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE 1/7/09

DRAWN BY TC
 CHECKED BY TC/SBP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	54
STA. 26+00		TO STA. 38+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1B
INDIAN TRAIL ROAD
SHEET 14 OF 22

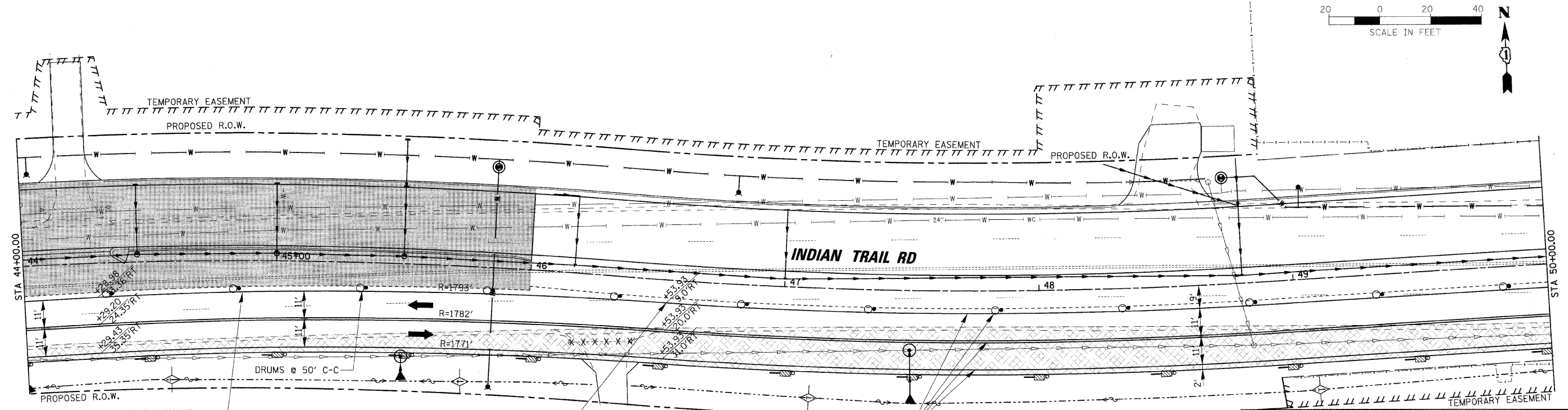
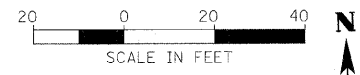
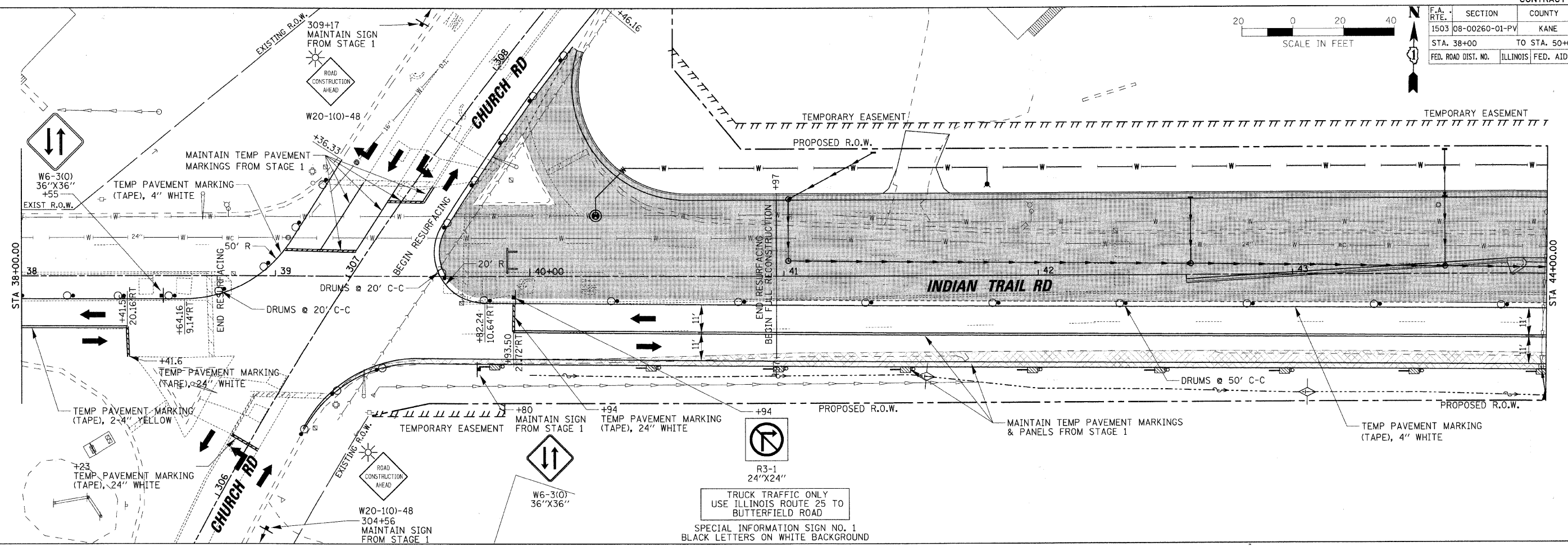
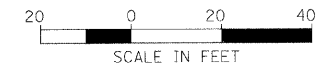
SCALE: VERT. 1"=20'
HORIZ. 1"=20'
DATE 1/7/09

DRAWN BY TC
CHECKED BY TC/SBP

RHAA
Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 084-003289
Phone No. 630-584-3530

PLOT DATE = 1/15/2009
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 USER NAME = j1200591

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	55
STA. 38+00		TO STA. 50+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1B
INDIAN TRAIL ROAD
SHEET 15 OF 22

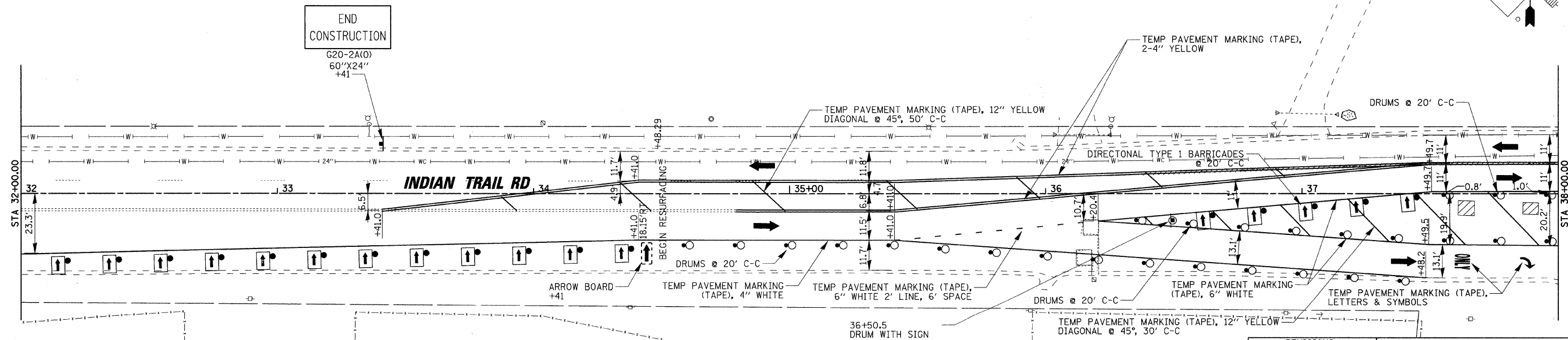
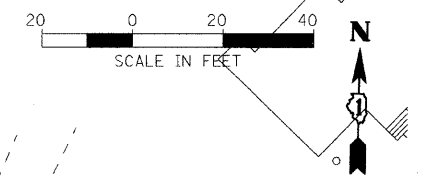
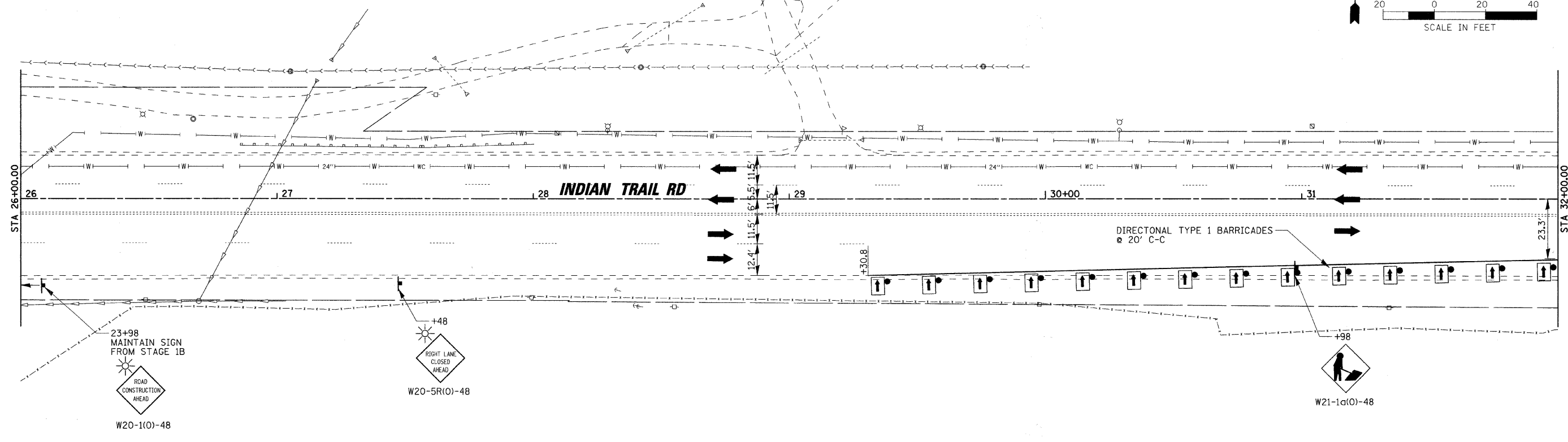
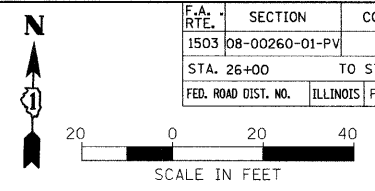
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HORIZ. 1" = 20'
DATE 1/7/09

DRAWN BY TC
CHECKED BY TC/SBP



PLOT DATE = 1/6/2009
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	56
STA. 26+00		TO STA. 38+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - STAGE 2
 INDIAN TRAIL ROAD
 SHEET 16 OF 22

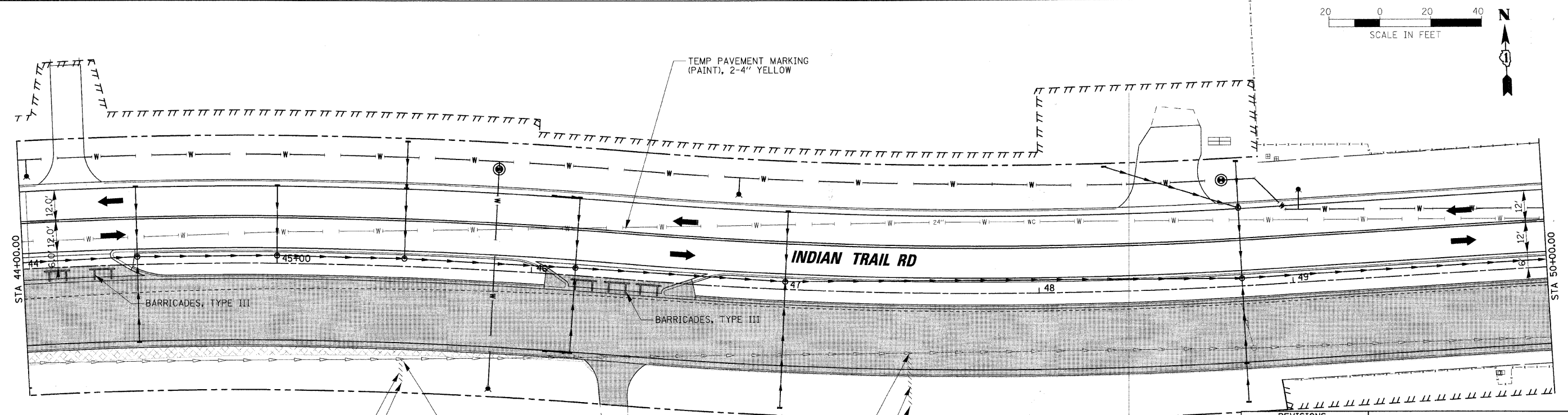
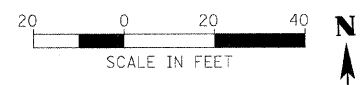
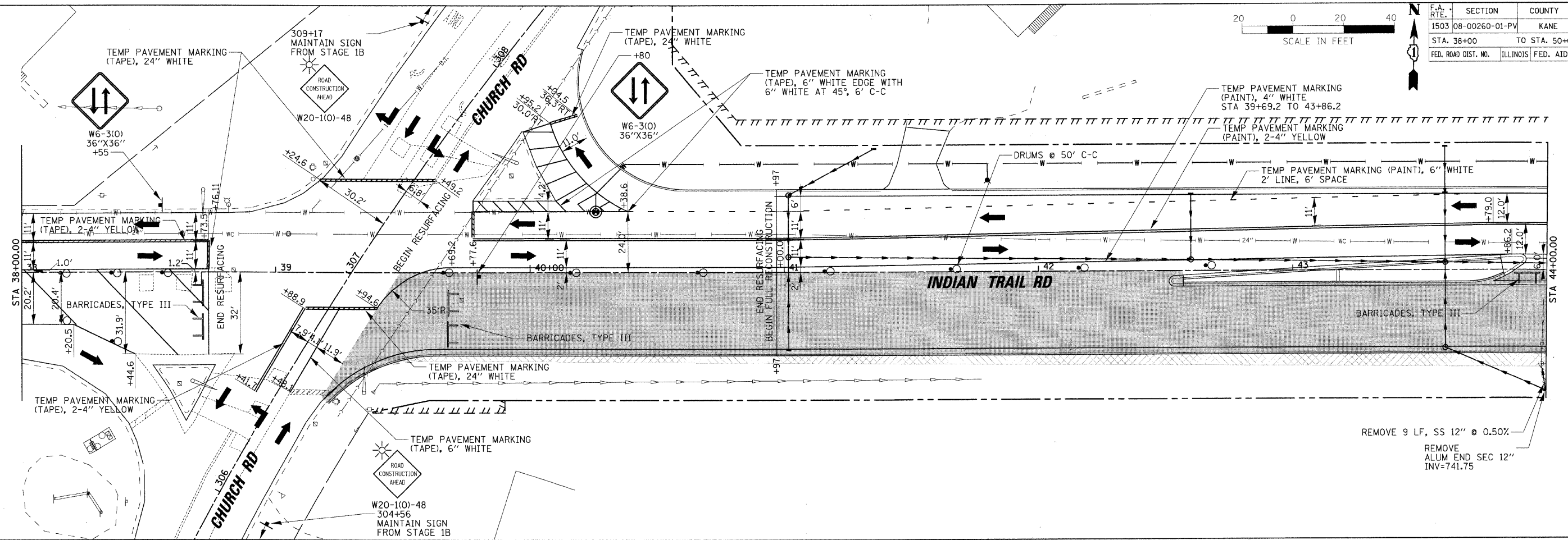
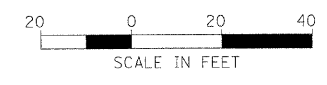
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 HORIZ. 1" = 20'
 DATE 1/7/09

DRAWN BY AWH
 CHECKED BY TC/SBP



PLOT DATE = 8/12/2009
 PLOT SCALE = 1" = 20'
 USER NAME = JUSER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	57
STA. 38+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- REMOVE 7 LF, SS 12" @ 0.50%
- REMOVE ALUM END SEC 12" INV=741.25
- REMOVE MAN TA 5 DIA T1F CL RIM=744.67 INV=738.16
- REMOVE MAN TA 5 DIA T1F CL RIM=744.76 INV=737.12
- REMOVE 19 LF, SS 12" @ 0.50%
- REMOVE ALUM END SEC 12" INV=741.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 2
INDIAN TRAIL ROAD
SHEET 17 OF 22

SCALE: VERT. 1"=20'
HORIZ. 1"=20'

DATE 1/7/09

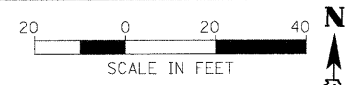
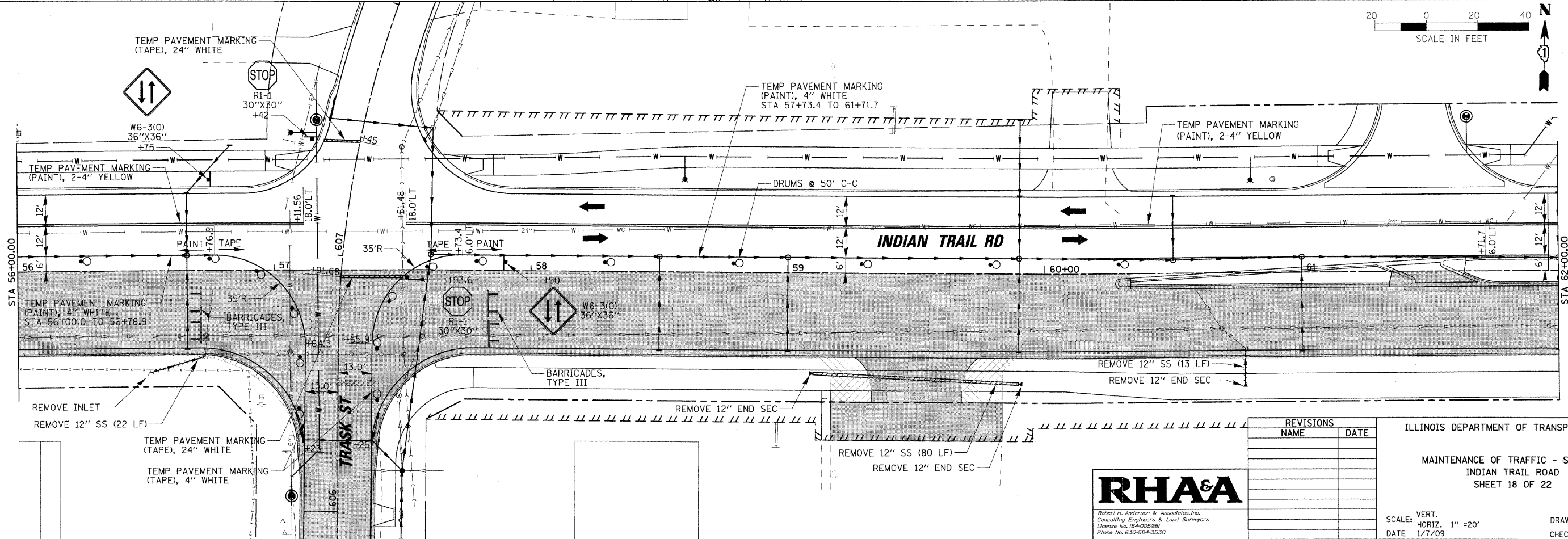
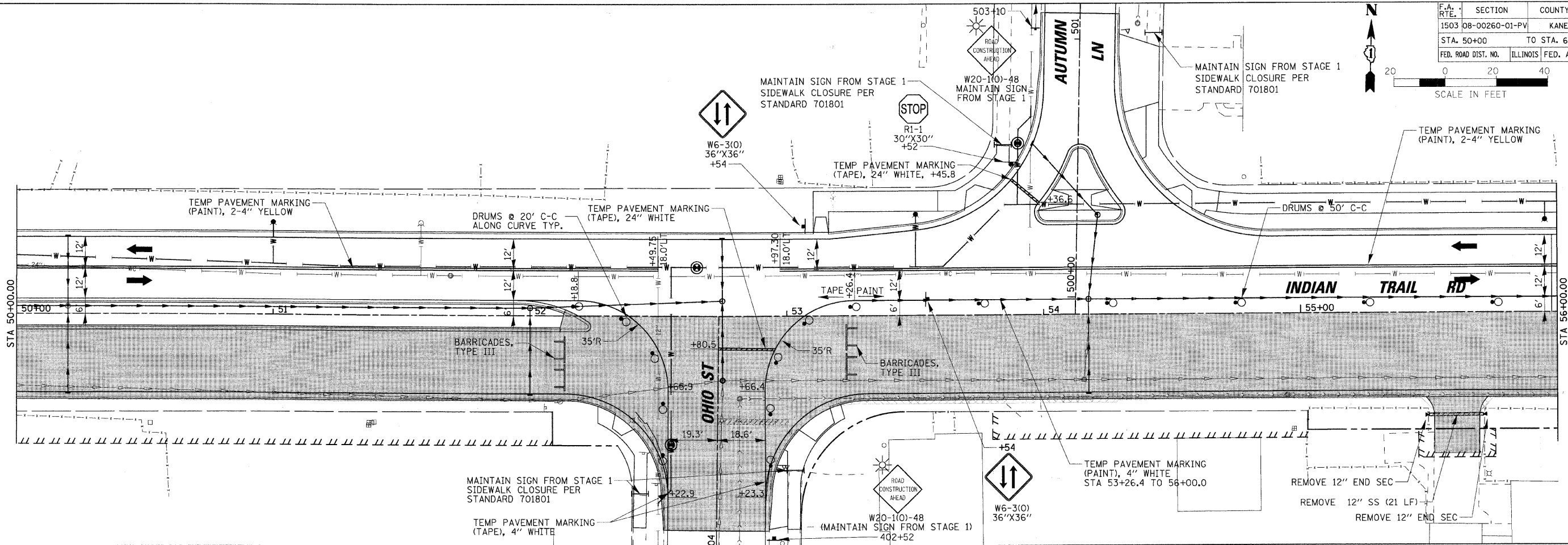
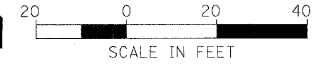
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CHECKED BY TC/SBP

RHAA

Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 044-005281
Phone No. 630-584-3530

PLOT DATE = 1/5/2009
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	58
STA. 50+00		TO STA. 62+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

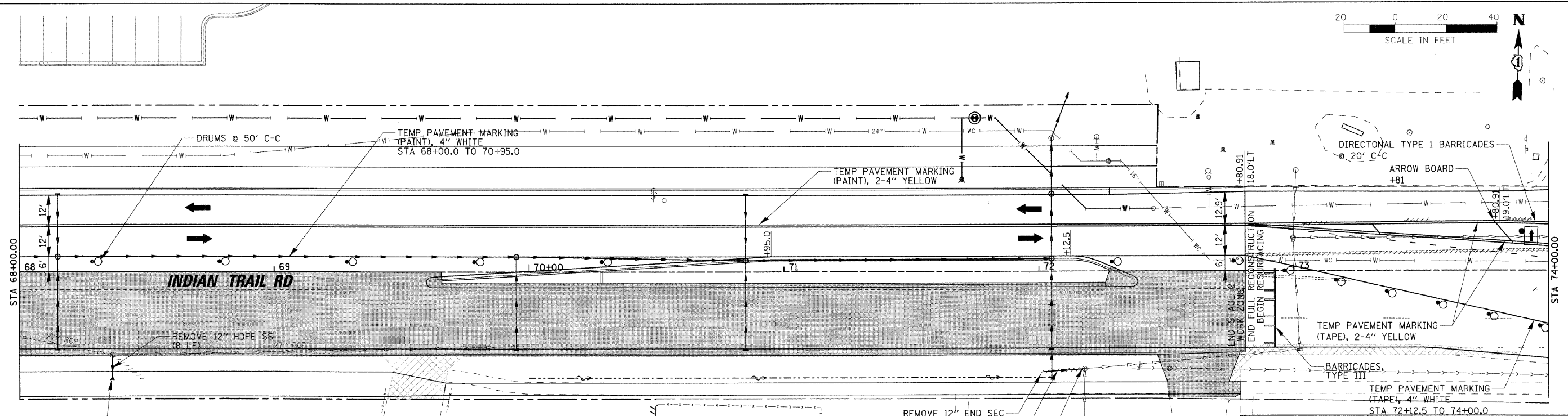
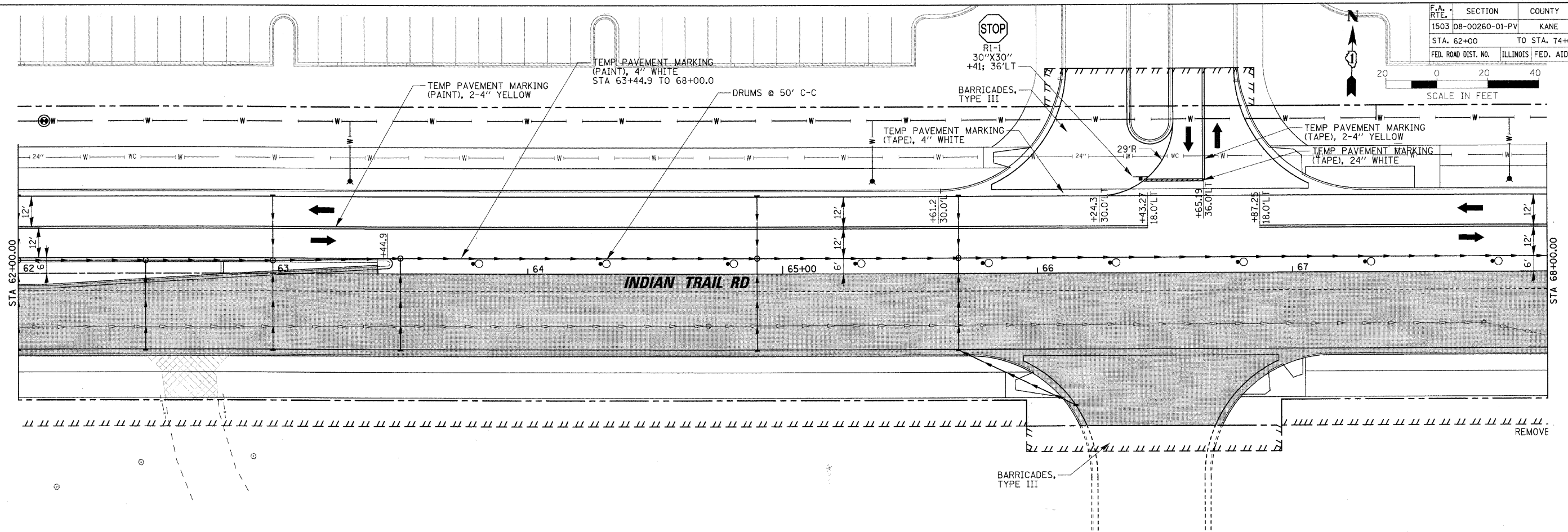
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - STAGE 2
 INDIAN TRAIL ROAD
 SHEET 18 OF 22

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 084-005881
 Phone No. 630-584-3530

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE 1/7/09
 DRAWN BY AWH
 CHECKED BY TC/SBP

PLOT DATE = 1/5/2009
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 USER NAME = JUSEL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	59
STA. 62+00		TO STA. 74+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



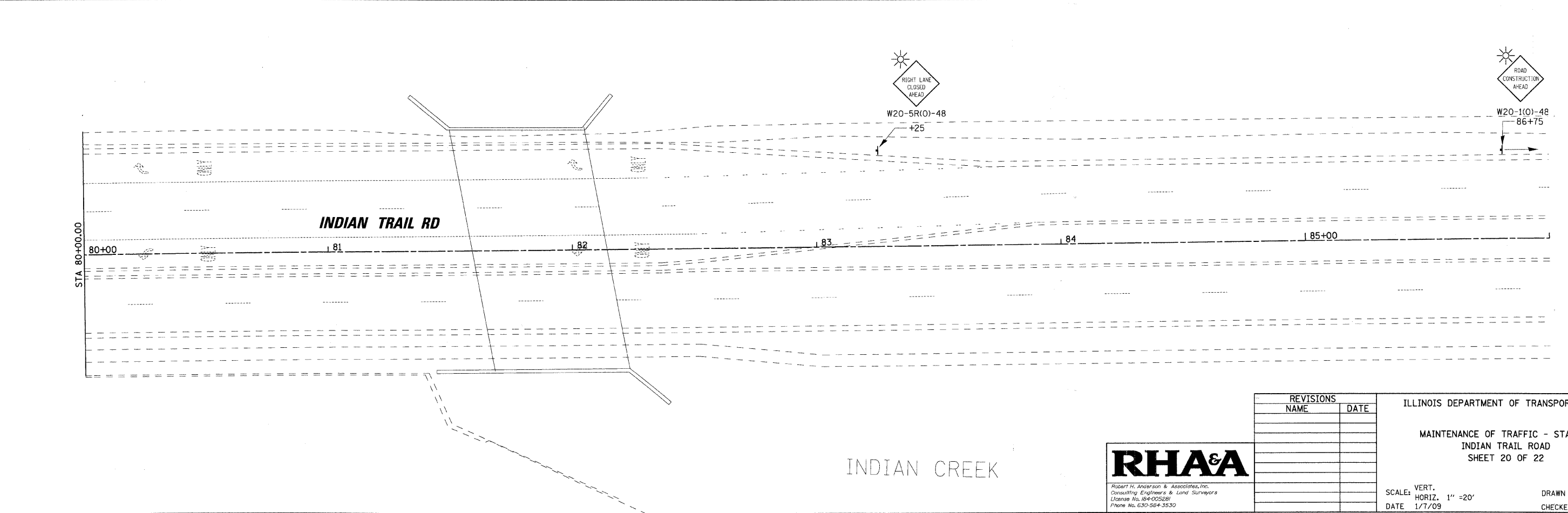
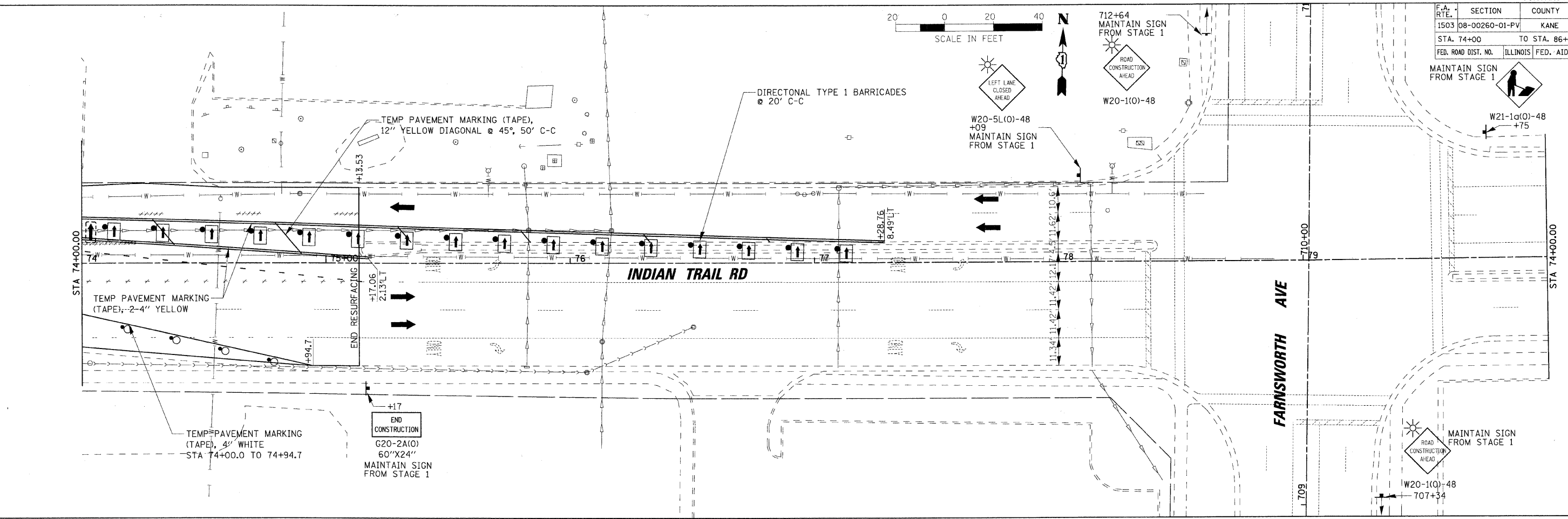
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - STAGE 2
 INDIAN TRAIL ROAD
 SHEET 19 OF 22
 SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'
 DATE 1/7/09
 DRAWN BY AWH
 CHECKED BY TC/SBP

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 164-005281
 Phone No. 630-584-3530

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	60
STA. 74+00		TO STA. 86+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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 USER NAME = JGBEL

RH&A
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 041-005281
 Phone No. 630-584-3530

REVISIONS	
NAME	DATE

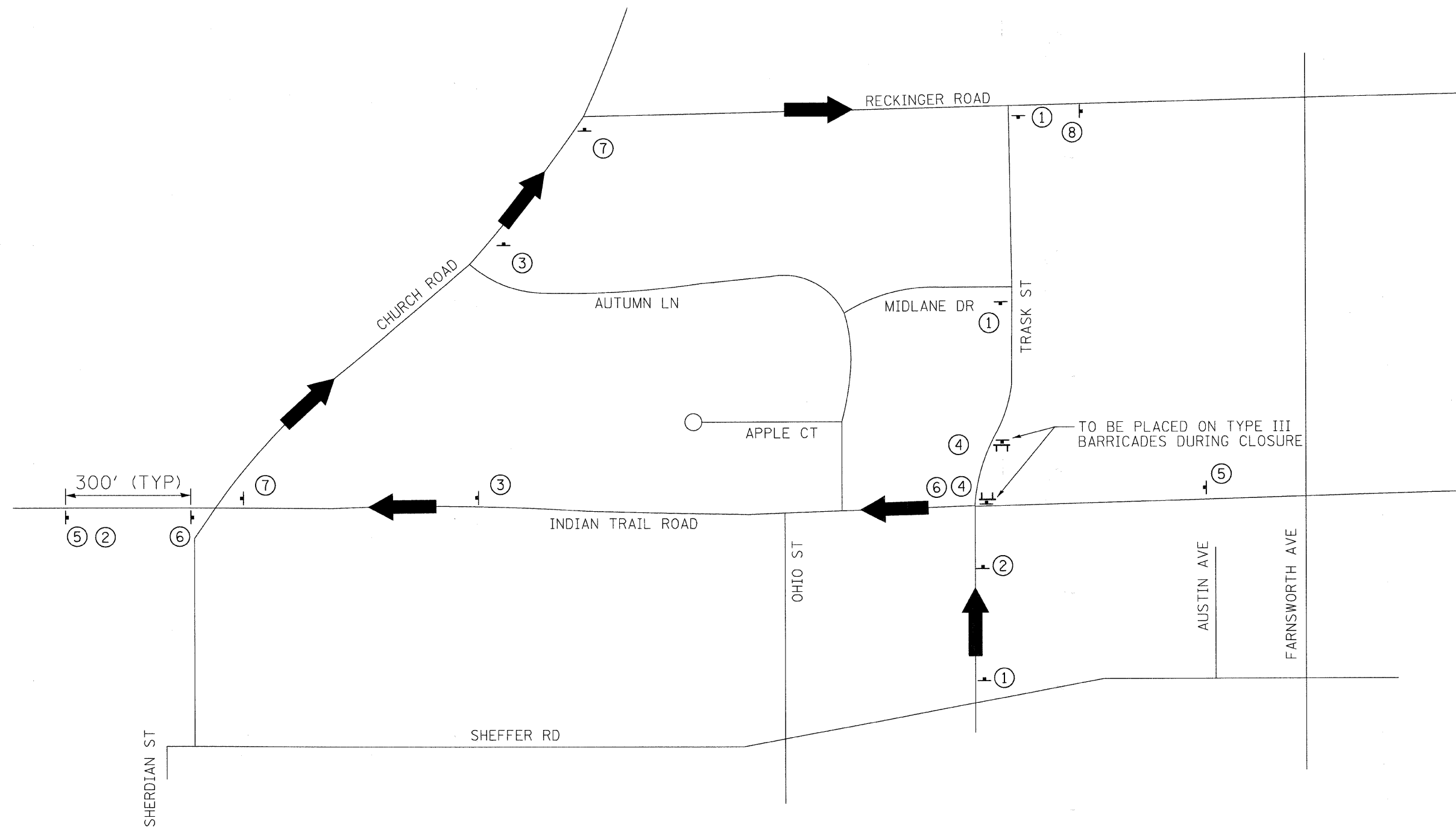
ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 2
 INDIAN TRAIL ROAD
 SHEET 20 OF 22

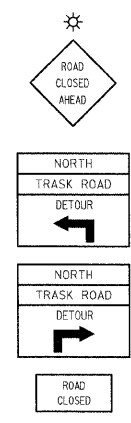
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 HORIZ. 1"=20'
 DATE 1/7/09

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 CHECKED BY TC/SBP

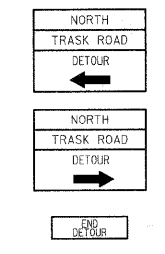
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	61
STA. 604+00		TO STA. 610+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- ① ROAD CLOSED AHEAD W20-3
- ② DETOUR M4-8 & M5-1L
- ③ DETOUR M4-8 & M5-1R
- ④ ROAD CLOSED R11-2



- ⑤ NORTHBOUND TRASK CLOSED AHEAD, SPECIAL
- ⑥ DETOUR M4-9L
- ⑦ DETOUR M4-9R
- ⑧ DETOUR M4-8A
- ⊥ TYPE III BARRICADE
- ➔ DETOUR TRAFFIC FLOW



PLOT DATE = 1/5/2009
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 USER NAME = JUSER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 1
 TRASK STREET - DETOUR PLAN
 SHEET 21 OF 22

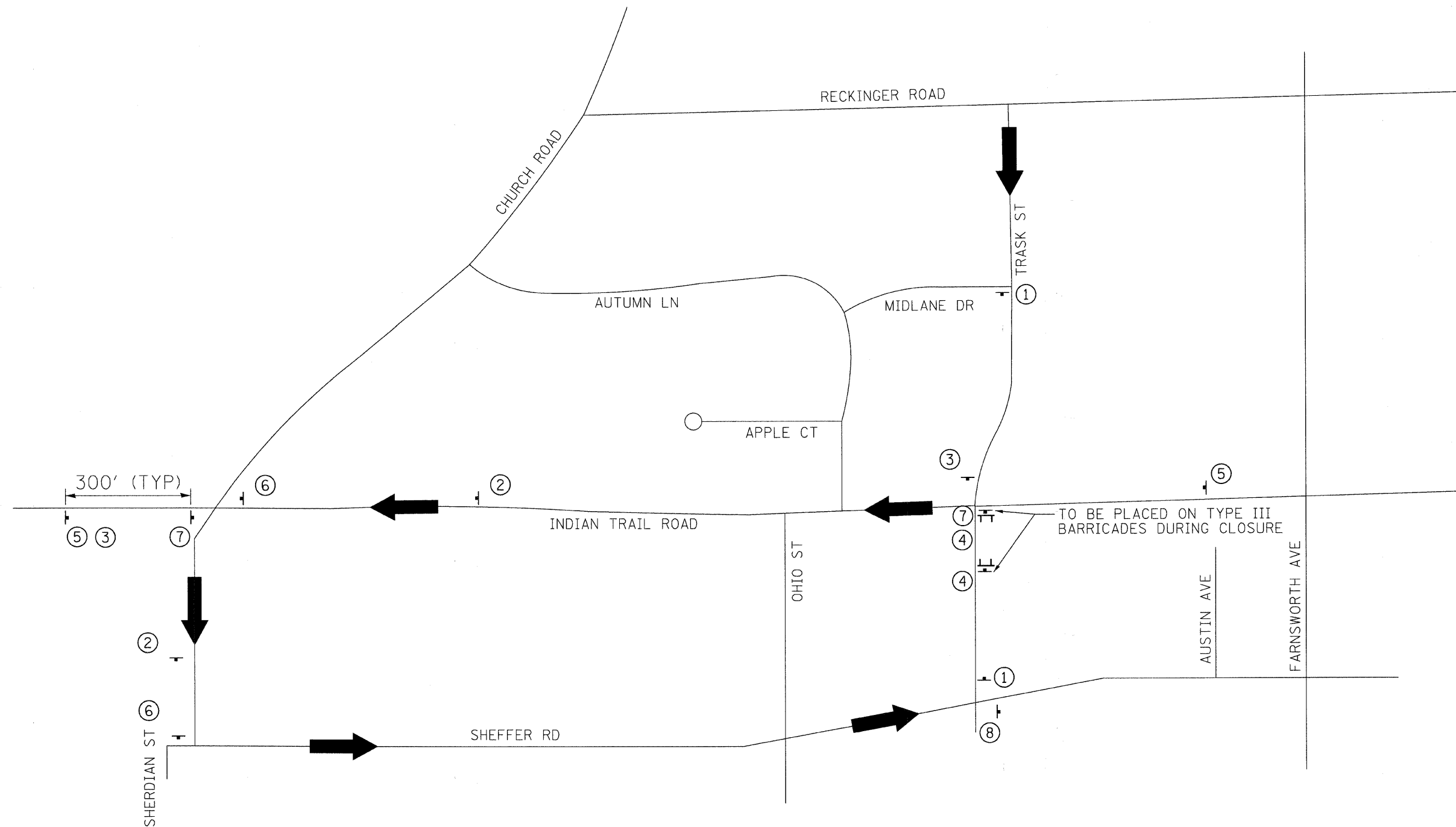
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 DATE 1/7/09

DRAWN BY TC
 CHECKED BY TC/SBP

RH&A

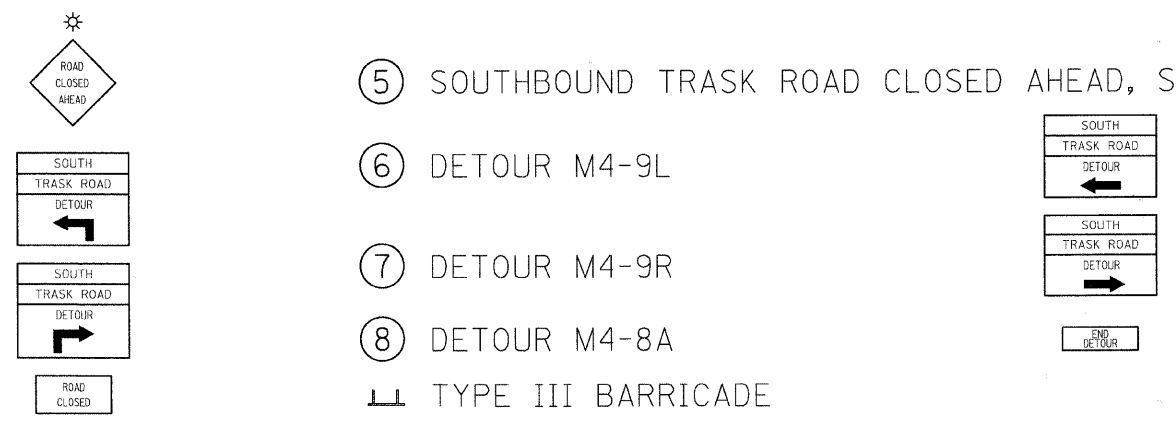
Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 164-075591
 Phone No. 630-584-3530

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	62
STA. 604+00		TO STA. 610+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



TO BE PLACED ON TYPE III BARRICADES DURING CLOSURE

- ① ROAD CLOSED AHEAD W20-3
- ② DETOUR M4-8 & M5-1L
- ③ DETOUR M4-8 & M5-1R
- ④ ROAD CLOSED R11-2
- ⑤ SOUTHBOUND TRASK ROAD CLOSED AHEAD, SPECIAL
- ⑥ DETOUR M4-9L
- ⑦ DETOUR M4-9R
- ⑧ DETOUR M4-8A
- || TYPE III BARRICADE
- ➔ DETOUR TRAFFIC FLOW



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC - STAGE 2
 TRASK STREET - DETOUR PLAN
 SHEET 22 OF 22

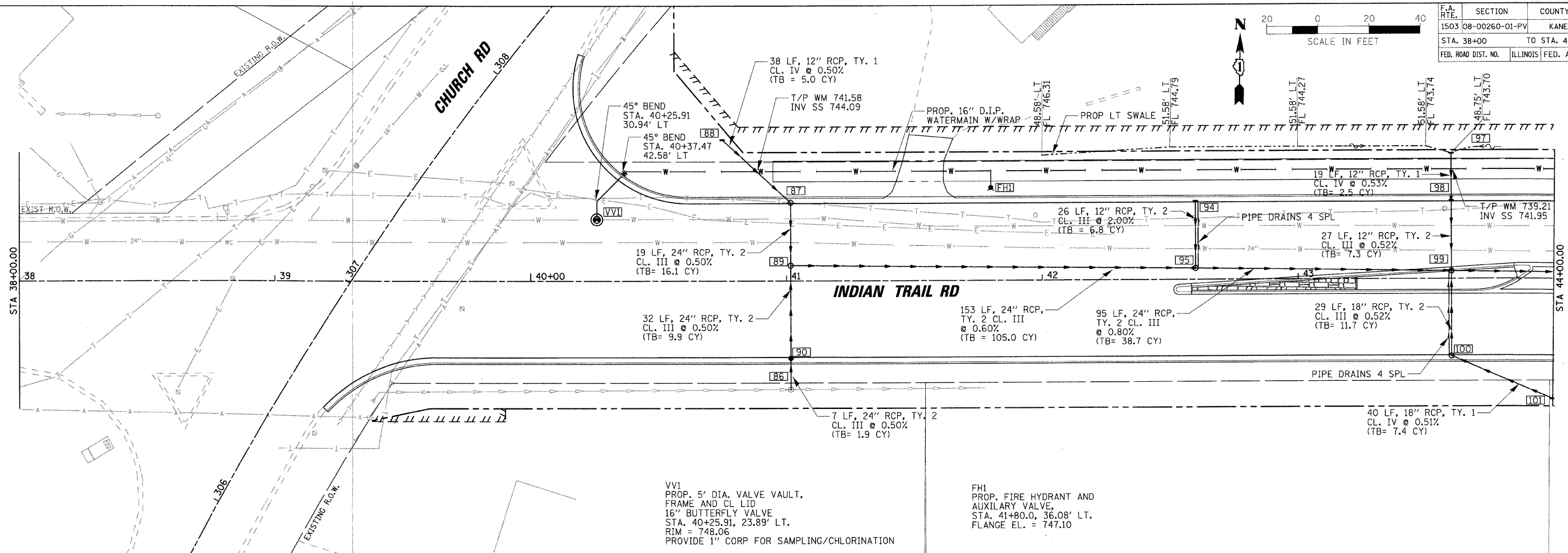
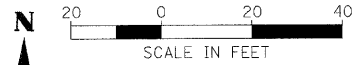
SCALE: VERT. 1" = 20'
 DATE 1/7/09

DRAWN BY TC
 CHECKED BY TC/SBP

RHAA&A
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 184-005891
 Phone No. 630-584-3530

PLOT DATE = 1/5/2009
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	63
STA. 38+00		TO STA. 44+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



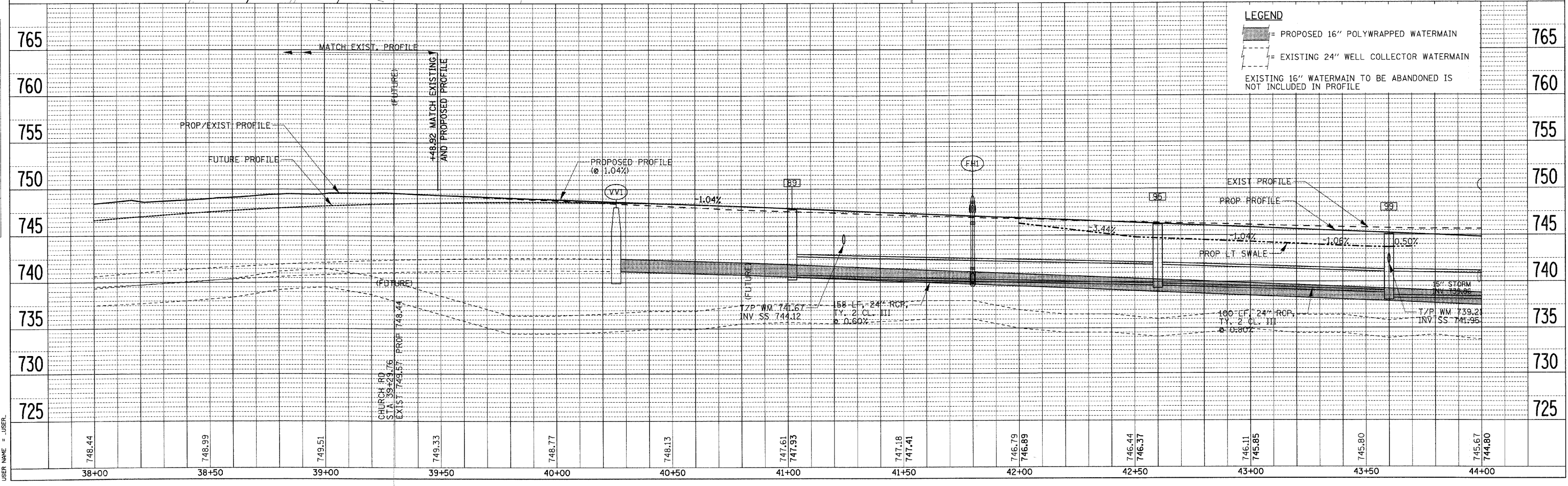
VVI
PROP. 5' DIA. VALVE VAULT,
FRAME AND CL LID
16" BUTTERFLY VALVE
STA. 40+25.91, 23.89' LT.
RIM = 748.06
PROVIDE 1" CORP FOR SAMPLING/CHLORINATION

FHI
PROP. FIRE HYDRANT AND
AUXILIARY VALVE
STA. 41+80.0, 36.08' LT.
FLANGE EL. = 747.10

PLAN	DATE
BY: _____	DATE: _____
DATE: _____	DATE: _____

PROFILE	DATE
BY: _____	DATE: _____
DATE: _____	DATE: _____

PLOT DATE = 1/5/2009
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USER NAME = JUSEL



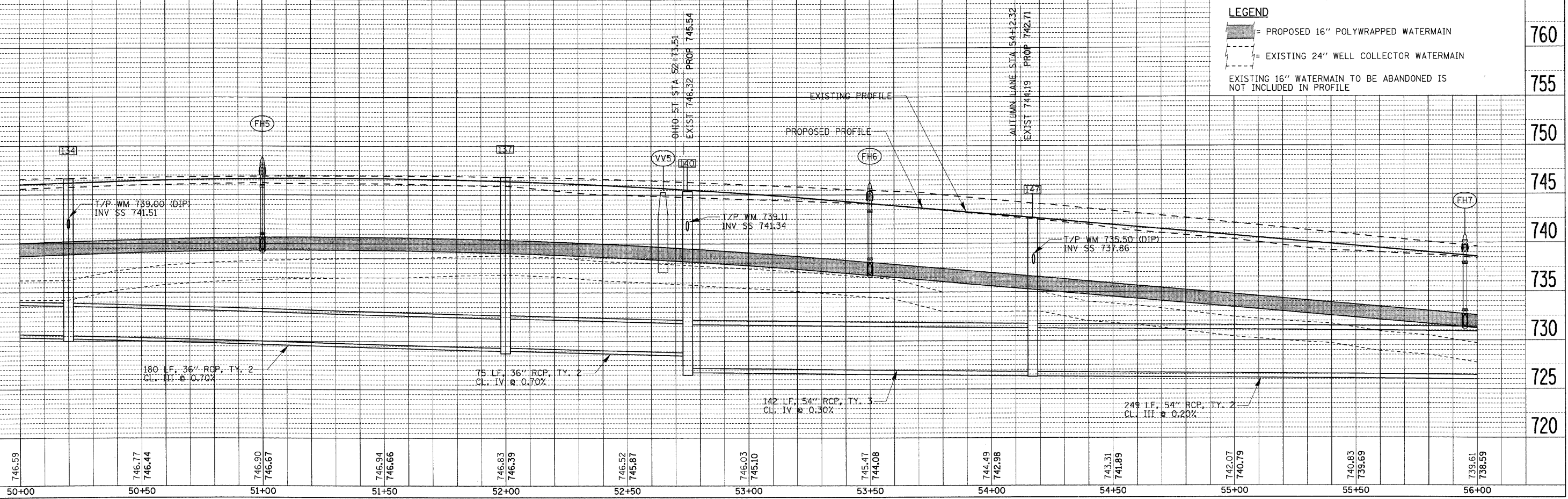
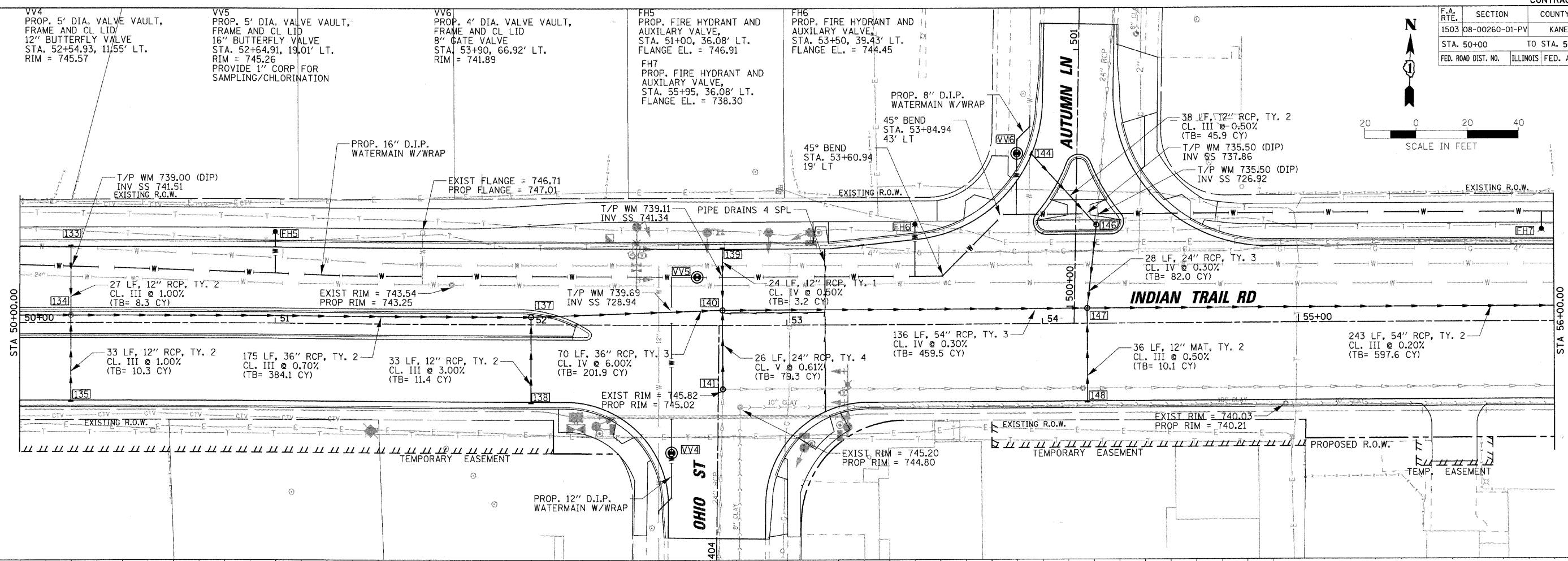
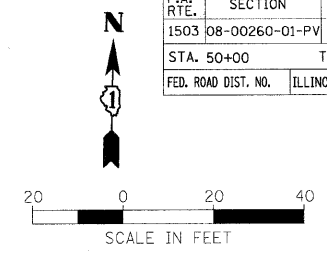
LEGEND

= PROPOSED 16" POLYWRAPPED WATERMAIN

= EXISTING 24" WELL COLLECTOR WATERMAIN

EXISTING 16" WATERMAIN TO BE ABANDONED IS NOT INCLUDED IN PROFILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	65
STA. 50+00		TO STA. 56+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE	BY

DATE	BY

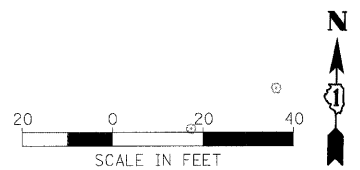
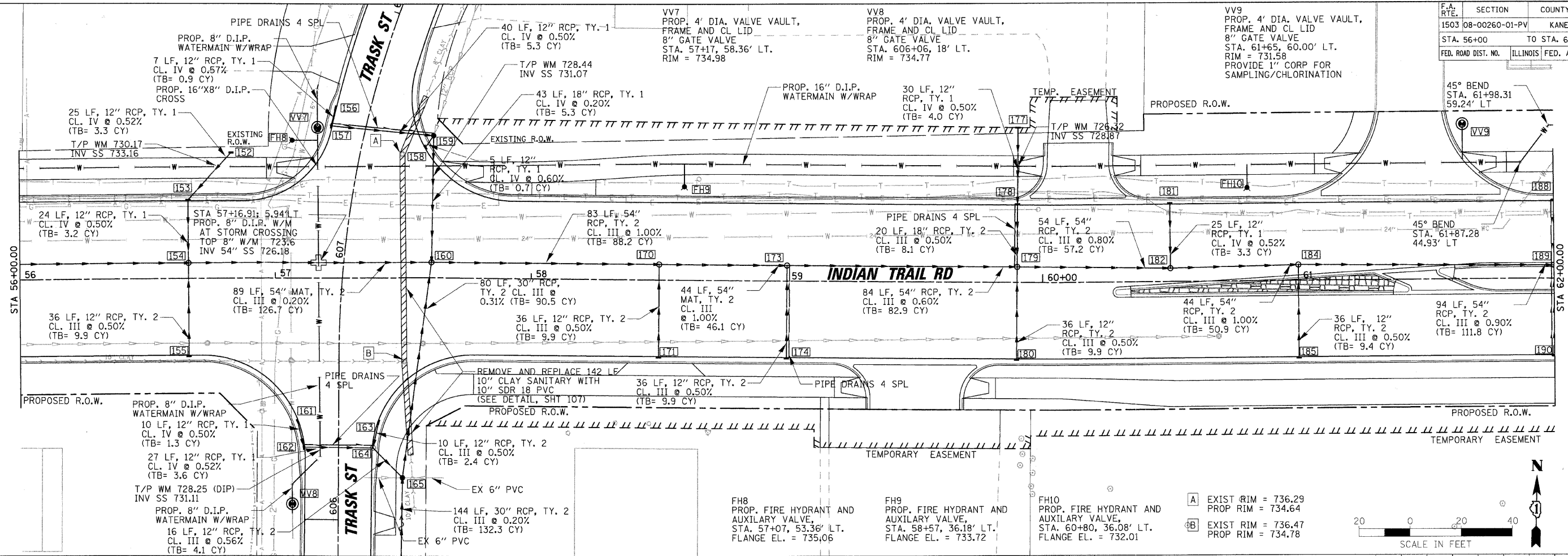
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 USER NAME = JUSEL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	66
STA. 56+00		TO STA. 62+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

PLOT DATE = 1/5/2009
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 USER NAME = JBERL

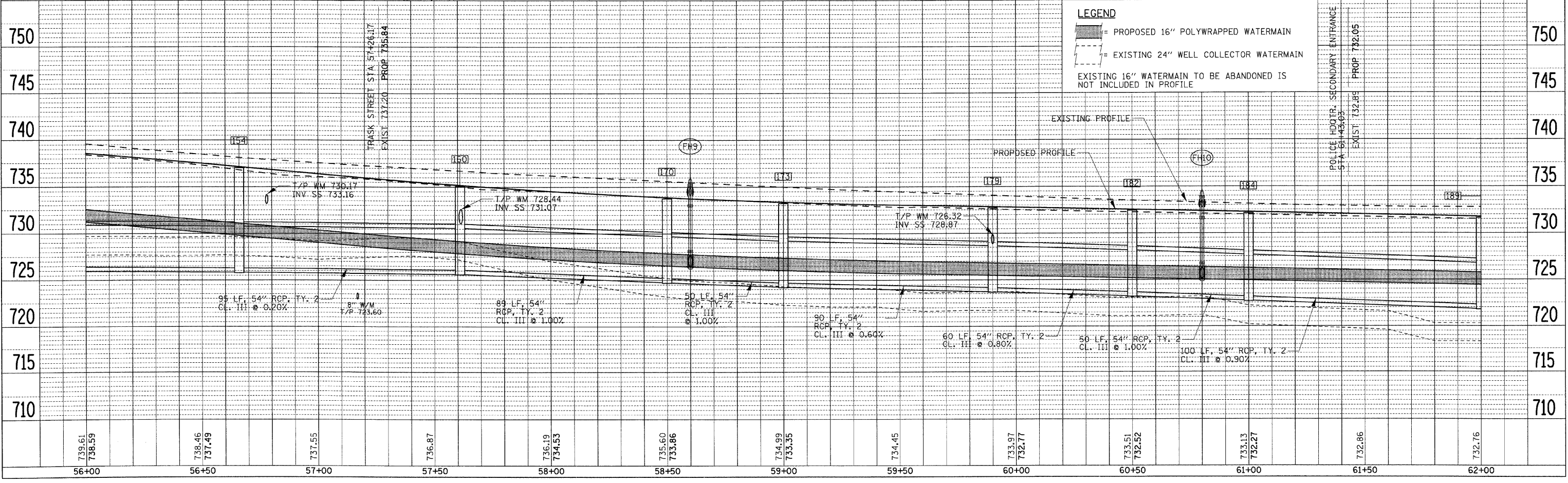


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 PROP RIM = 734.64
B EXIST RIM = 736.47
 PROP RIM = 734.78

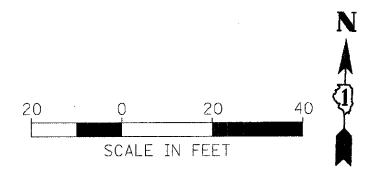
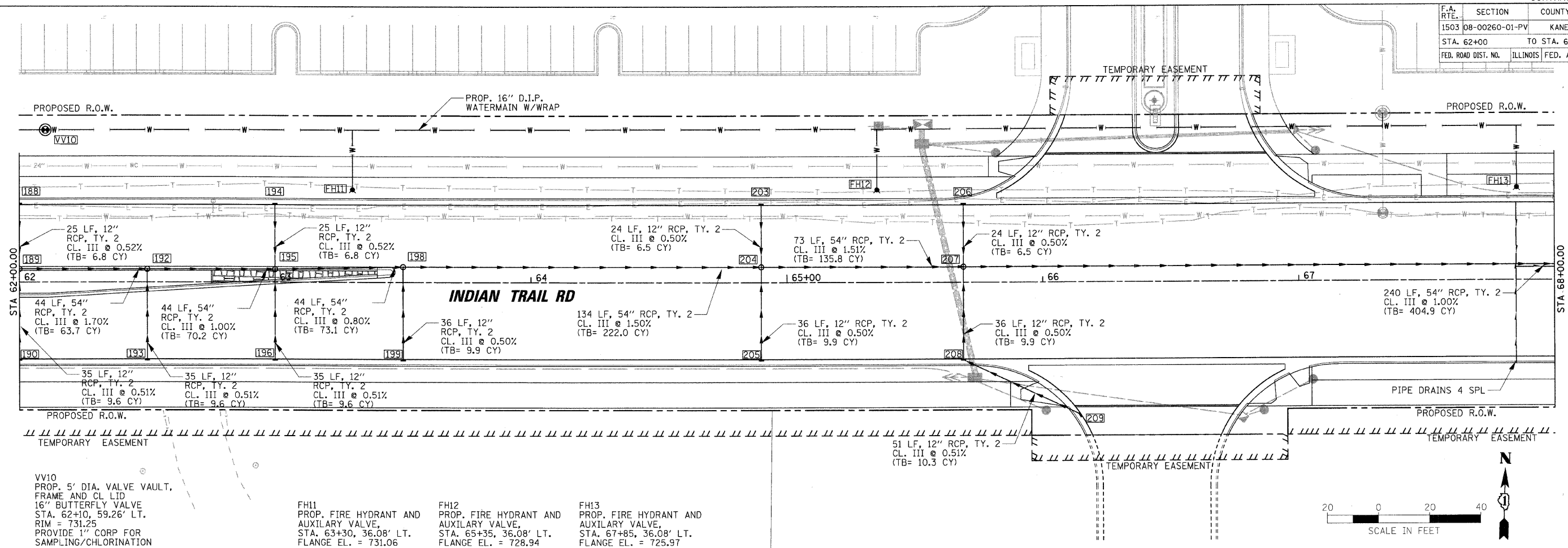
LEGEND

- PROPOSED 16" POLYWRAPPED WATERMAIN
- EXISTING 24" WELL COLLECTOR WATERMAIN

EXISTING 16" WATERMAIN TO BE ABANDONED IS NOT INCLUDED IN PROFILE



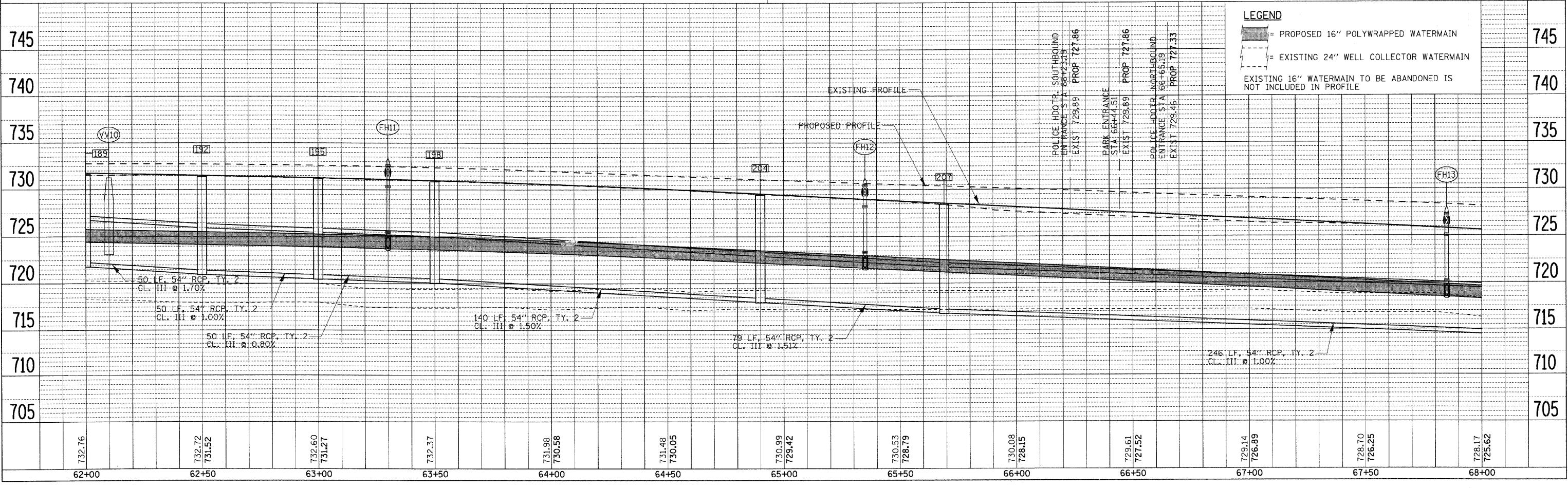
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	67
STA. 62+00		TO STA. 68+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



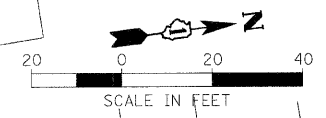
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 SURVEYED: _____
 PLAN: _____
 NOTE BOOK NO.: _____
 CHECKED: _____
 NO. _____
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 PROFILE: _____
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 NO. _____
 FILE NAME: _____

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 USER NAME: JUSER



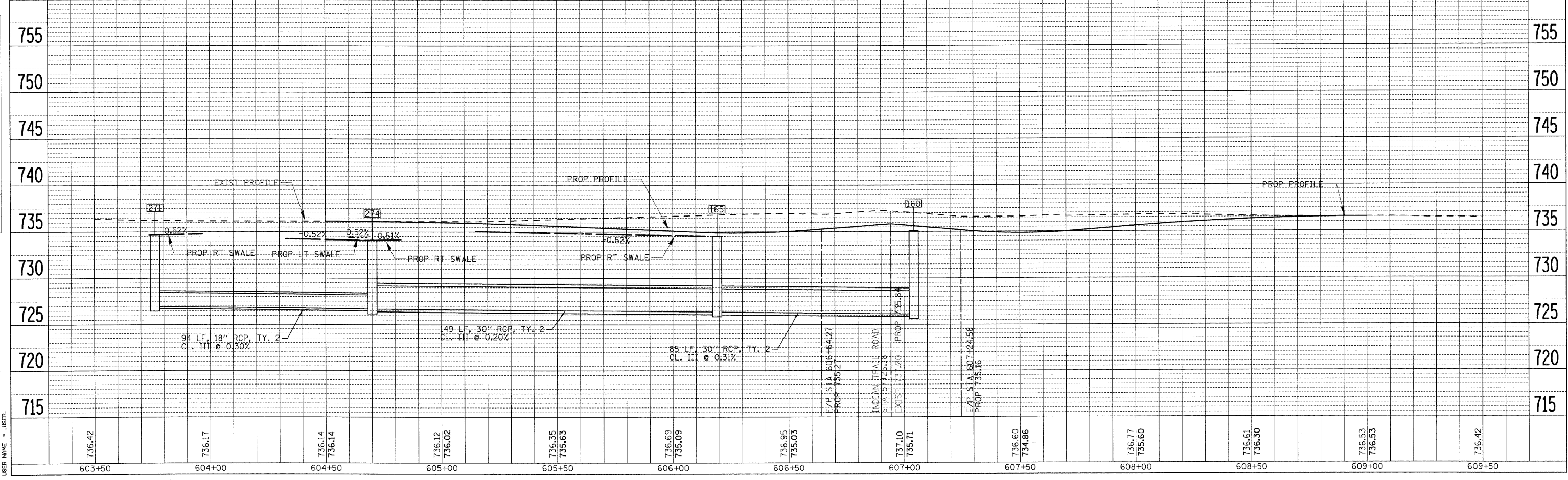
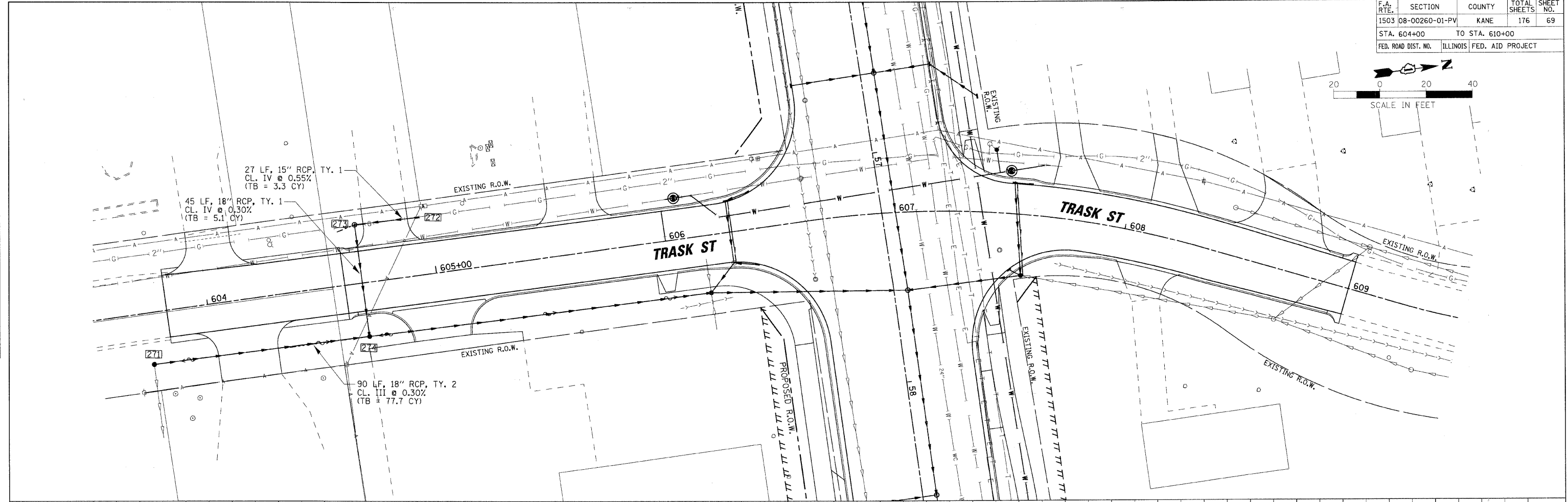
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	69
STA. 604+00		TO STA. 610+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DATE	BY
DATE	BY

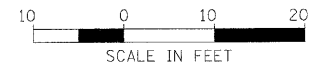
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 USER NAME = JGBEL



736.42	736.17	736.14	736.12	736.35	736.69	736.95	737.10	736.60	736.77	736.61	736.53	736.42
603+50	604+00	604+50	605+00	605+50	606+00	606+50	607+00	607+50	608+00	608+50	609+00	609+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	70
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND
 XXX.XX PROP.GRADE
 XXX.XX EXIST.GRADE

RADII LAYOUTS

POINT	NORTHING	EASTING
(A)	1863162.60	994363.14
(B)	1863329.58	994458.34

MATCH EXISTING SURFACE ELEVATIONS
 FROM STA. 34+84.29 TO STA. 39+48.92
 AND STA. 305+67.45 TO STA. 308+25.84

- NOTES:**
1. DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS.
 2. RADIUS DIMENSION TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

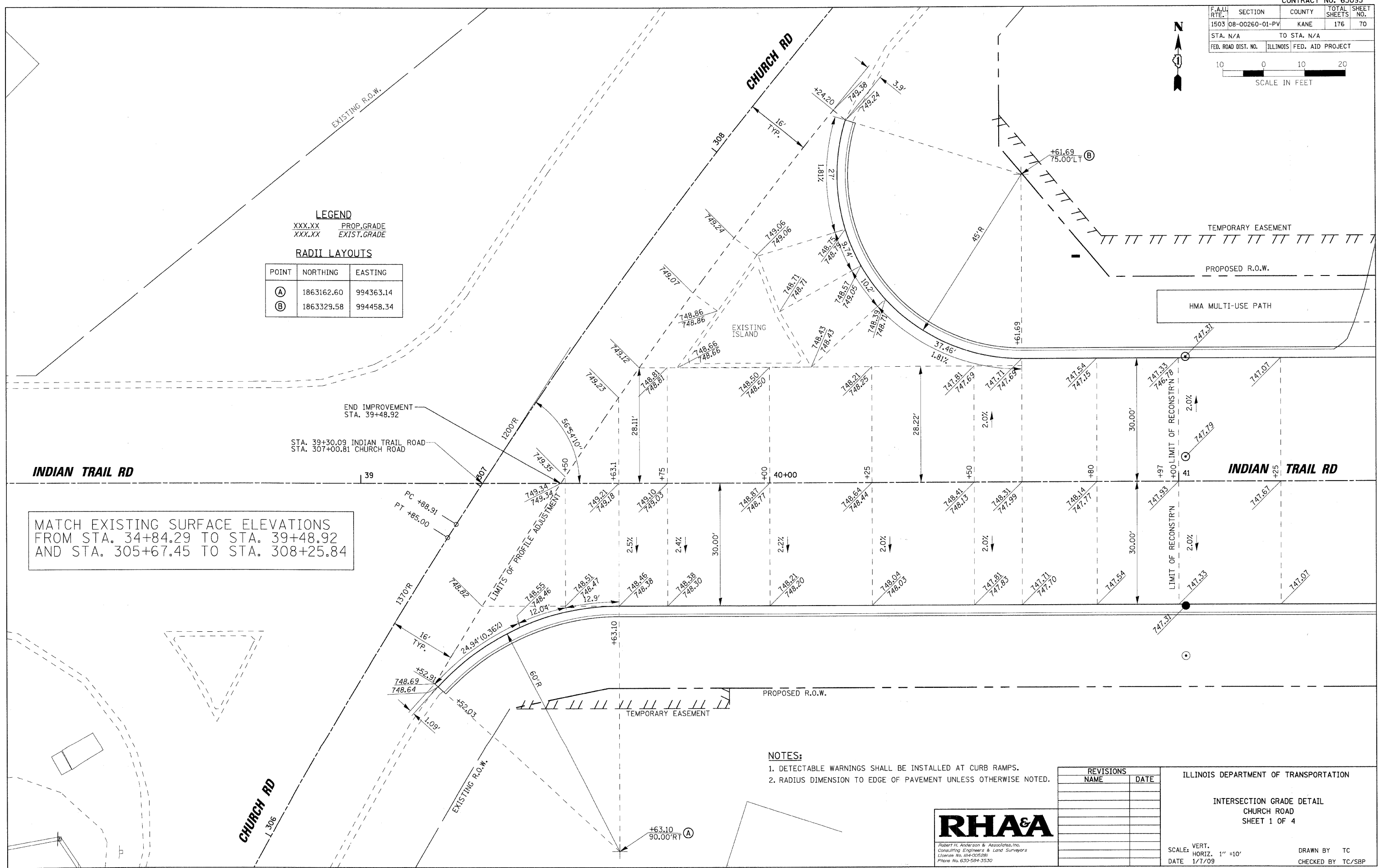
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION GRADE DETAIL
 CHURCH ROAD
 SHEET 1 OF 4

SCALE: VERT. 1" = 10'
 HORIZ. 1" = 10'
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 014-005281
 Phone No. 630-584-3530

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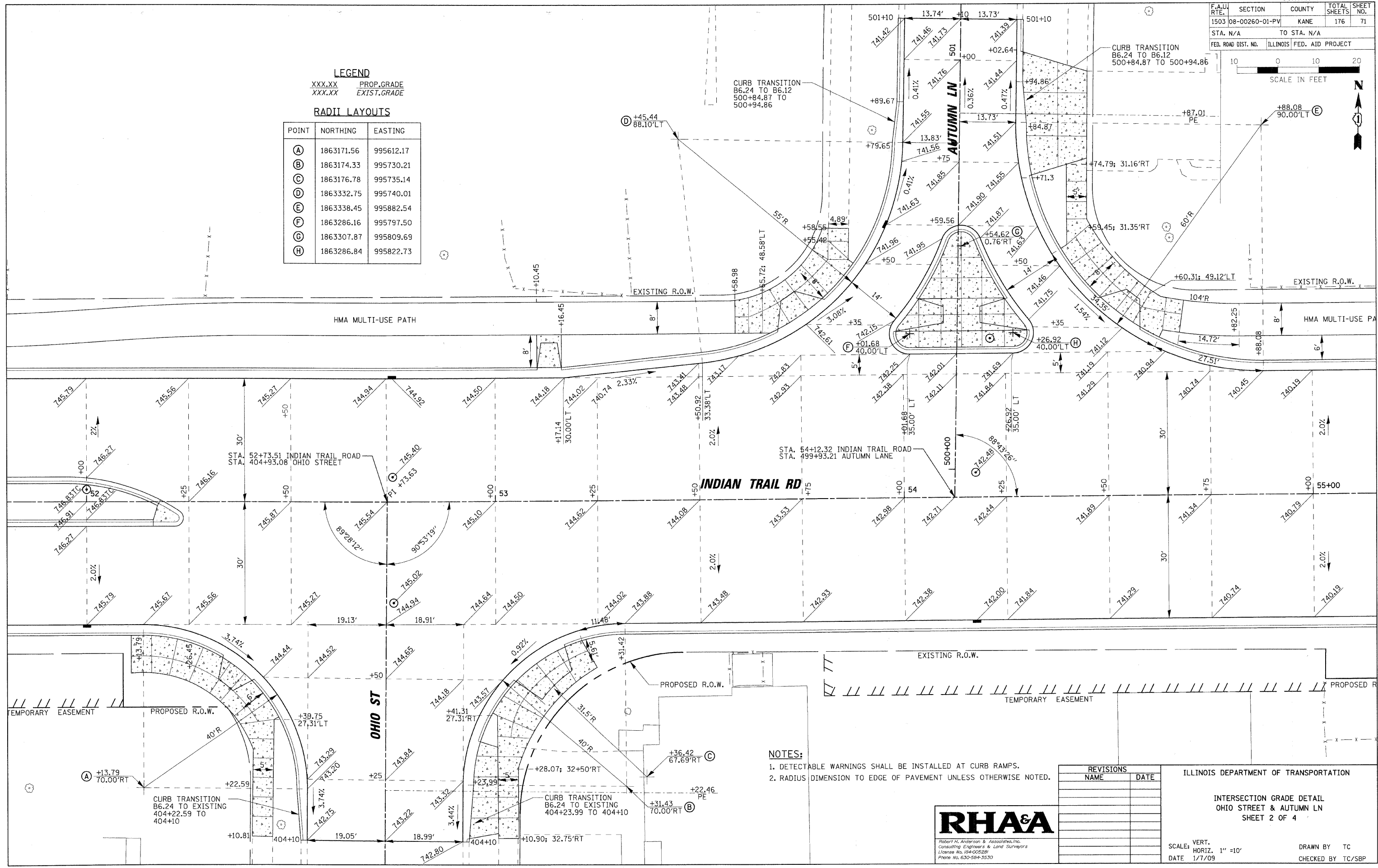
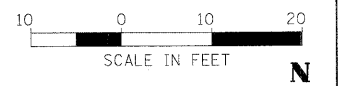


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	71
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND
 XXX.XX PROP.GRADE
 XXX.XX EXIST.GRADE

RADI LAYOUTS

POINT	NORTHING	EASTING
(A)	1863171.56	995612.17
(B)	1863174.33	995730.21
(C)	1863176.78	995735.14
(D)	1863332.75	995740.01
(E)	1863338.45	995882.54
(F)	1863286.16	995797.50
(G)	1863307.87	995809.69
(H)	1863286.84	995822.73



- NOTES:**
1. DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS.
 2. RADIUS DIMENSION TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE

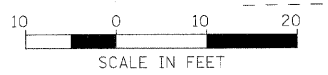
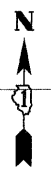
ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION GRADE DETAIL
 OHIO STREET & AUTUMN LN
 SHEET 2 OF 4



SCALE: VERT. 1" = 10'
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

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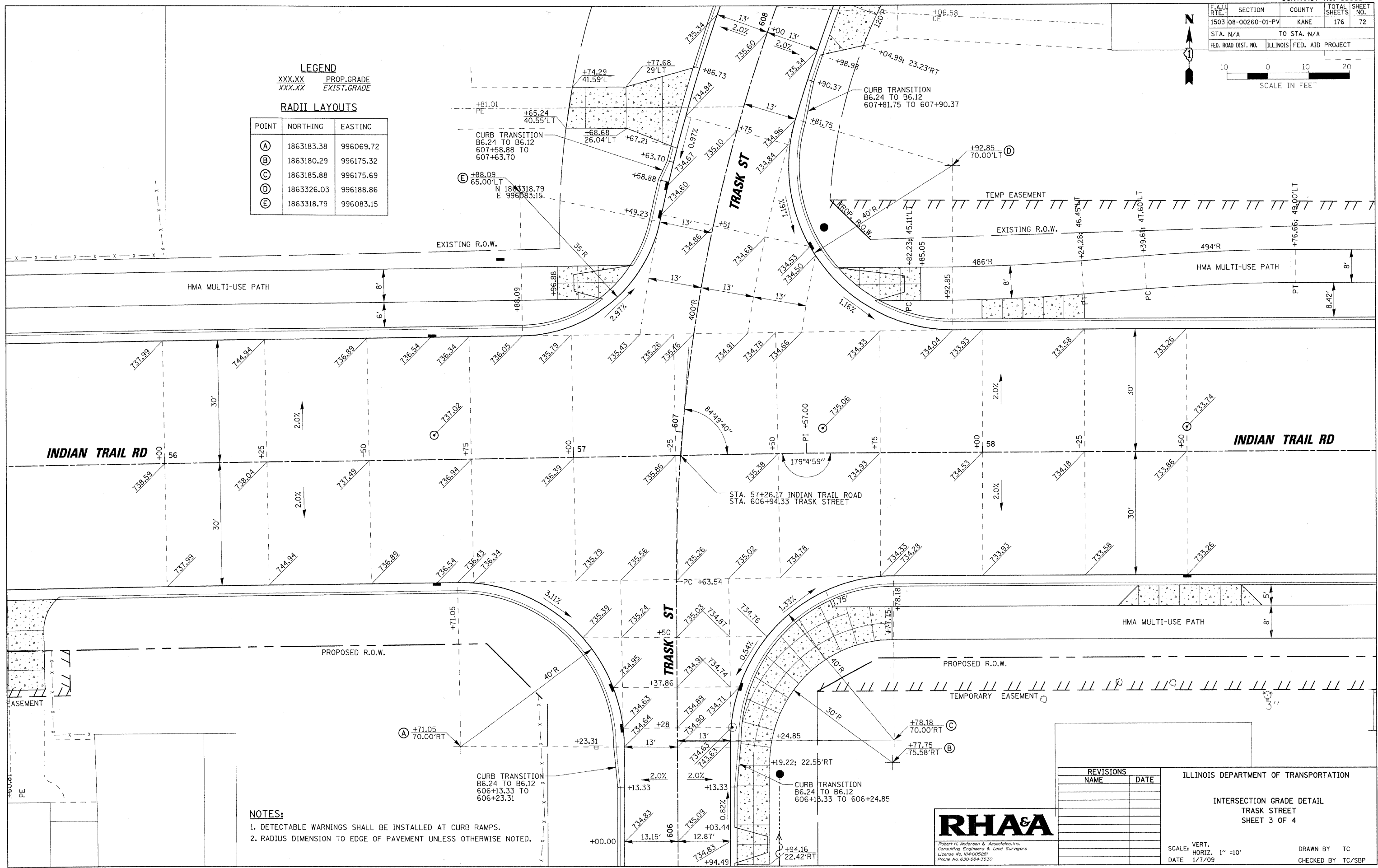
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	72
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND
 XXX.XX PROP.GRADE
 XXX.XX EXIST.GRADE

RADI LAYOUTS

POINT	NORTHING	EASTING
(A)	1863183.38	996069.72
(B)	1863180.29	996175.32
(C)	1863185.88	996175.69
(D)	1863326.03	996188.86
(E)	1863318.79	996083.15



- NOTES:**
1. DETECTABLE WARNINGS SHALL BE INSTALLED AT CURB RAMPS.
 2. RADIUS DIMENSION TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION GRADE DETAIL
 TRASK STREET
 SHEET 3 OF 4

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 044-005281
 Phone No. 630-594-3530

SCALE: VERT. 1" = 10'
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

PLOT DATE = 1/6/2009
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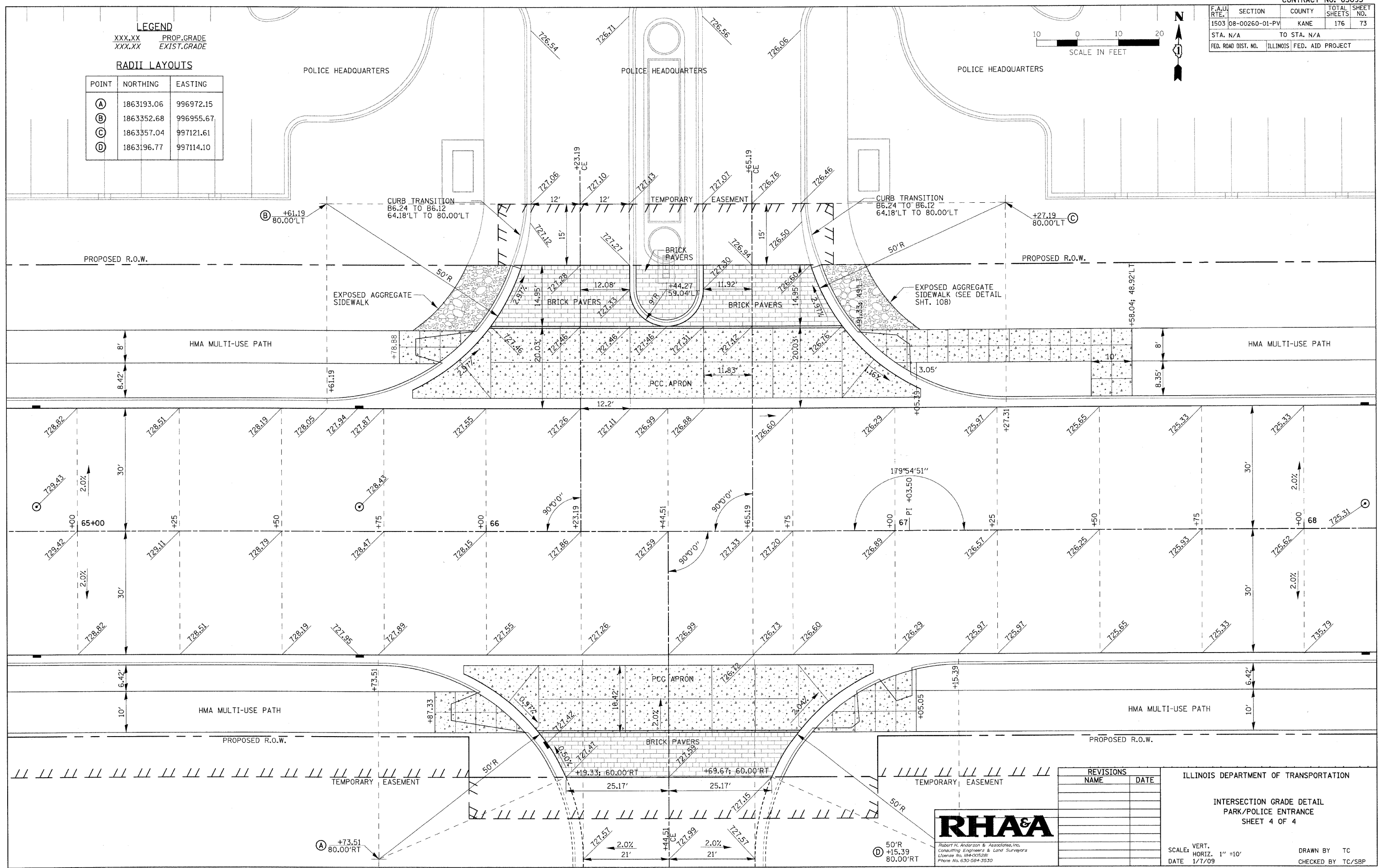
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1503	08-00260-01-PV	KANE	176	73
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND
 XXX.XX PROP.GRADE
 XXX.XX EXIST.GRADE

RADI LAYOUTS

POINT	NORTHING	EASTING
(A)	1863193.06	996972.15
(B)	1863352.68	996955.67
(C)	1863357.04	997121.61
(D)	1863196.77	997114.10



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION GRADE DETAIL
 PARK/POLICE ENTRANCE
 SHEET 4 OF 4

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 194-005281
 Phone No. 630-584-3530

SCALE: VERT. 1" = 10'
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	74
STA. 32+00		TO STA. 38+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES:

Street Name Signs

At each street intersection there shall be installed one or more street name signs showing the names of the streets and shall be indicated on the construction plans.

All local road intersections shall have one street sign on the northerly and easterly corner. Collector and major streets shall have two (2) street signs, one on the northerly and easterly corner and one on the southerly and westerly corner of the intersection.

Signalized intersections shall install the two (2) required signs on the appropriate overhead mast arm per the applicable IDOT standard. An exception would be a tee intersection where one sign would be required on the terminating street side of the intersection on the northerly or easterly corner thereof.

All street signs shall be set five feet (5') back from the curb on the radius midpoint.

All street name signs shall conform to the following specifications:

All street name signs shall conform to the State of Illinois 7/32 Manual On Uniform Traffic Control Devices For Streets and Highways 9/32, latest edition, including erection thereof.

The flat aluminum blanks shall be 9" in height for collector and major streets and local streets. Sign length is twenty-four inch (24") minimum or as determined by length of street name.

Blanks shall have a three-quarter inch (3/4 ") radius at all corners. See Exhibit II-H-1 9/32 .

The blank faces shall be covered with 3M * 3990 Vip Diamond Grade White Film.

The letters shall be cut and removed from 3M * 1177 Green Film and then placed over the white film to produce white letters on a green background. See Exhibit II-H-1 9/32 .

Nine-inch (9") signs are covered on one side but two are required for each street.

They are riveted to the sides of a 12' long, 2" square, 14 gauge Uni-Strut post in a V-Loc base, one per side for each street name with enough room at the top for a cap on the post.

Temporary street signs constructed of wood with neat lettering may be installed with seven foot (7') clearance prior to the issuance of any building permit and must be removed immediately after the placement of the permanent street sign.

Traffic Regulatory Signs and Striping

Regulatory signs will be required by the contractor where shown on the final engineering plans. All such signs shall conform to the State of Illinois 7/32 Manual On Uniform Traffic Control Devices For Streets and Highways 9/32, latest edition, including the erection thereof.

Stop signs shall be 30" x 30" on all streets.

Yield signs shall be 30" x 30".

Speed limit signs (R2-1) shall be 24" x 30".

Warning signs shall be 30" x 30".

No Parking signs shall be 24" x 18".

All posts shall be Uni-Strut, 10', 2" square, 14 gauge in a V-Loc base, or approved equal.

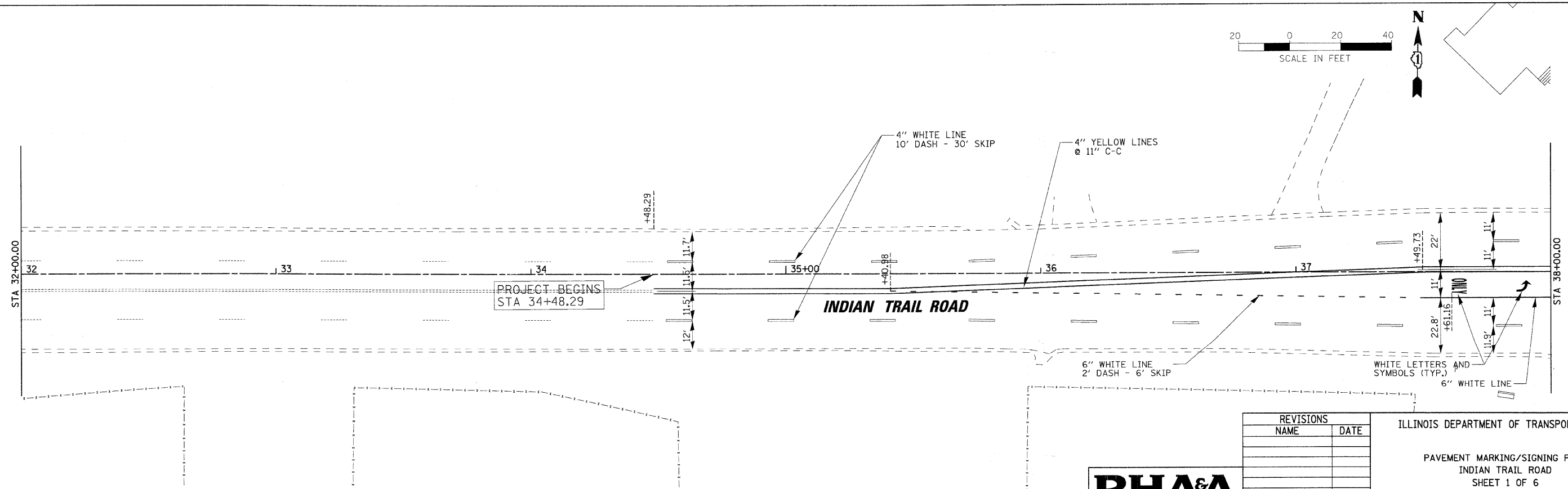
All sign faces shall be 3M Company, or approved equal, using reflective high intensity paper.

Stop signs will be required where collector streets intersect with arterial streets and include a 24" Stop Bar.

All striping shall follow IDOT Standards and shall be Thermoplastic Pavement Markings, Type E.

STANDARDS:

- ALL PAVEMENT MARKING PAINT SHALL BE THERMOPLASTIC (OR EPOXY WERE APPLIED TO CONCRETE SURFACES) OF THE COLOR AND WIDTH NOTED.
- SIGN PANEL ERECTION DETAILS - STANDARD 720006-01
- TELESCOPING STEEL SIGN SUPPORT - 728001
- BASE FOR TELESCOPING STEEL SIGN SUPPORT - 731001
- APPLICATIONS OF TYPES A & B METAL POSTS - STANDARD 729001 (FOR SIGNS & MARKERS)
- SIGN PANEL MOUNTING DETAILS - STANDARD 720001
- TYPICAL PAVEMENT MARKINGS - STANDARD 780001-01



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 USER NAME = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

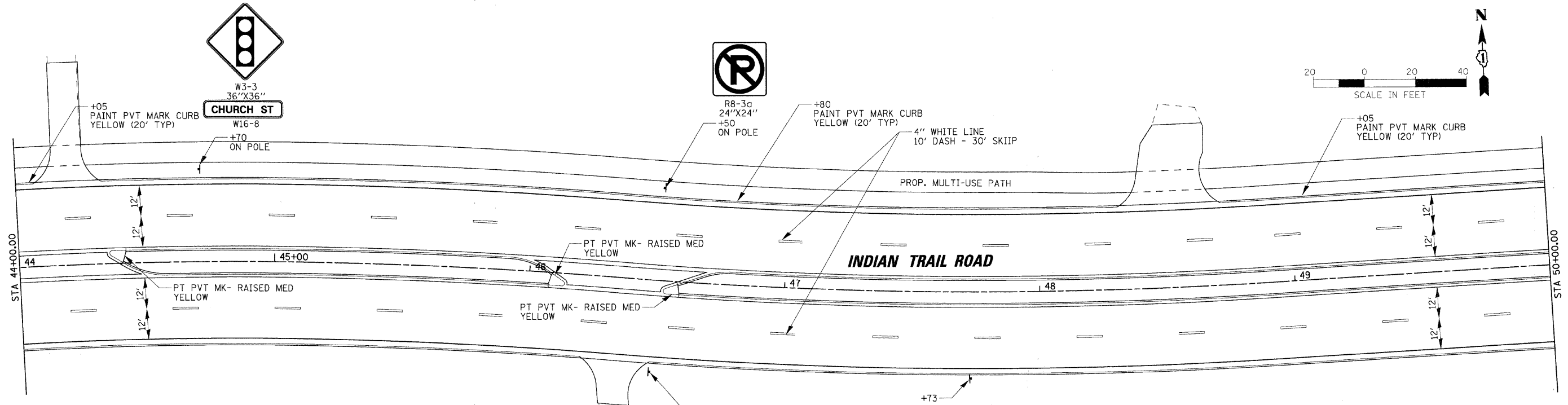
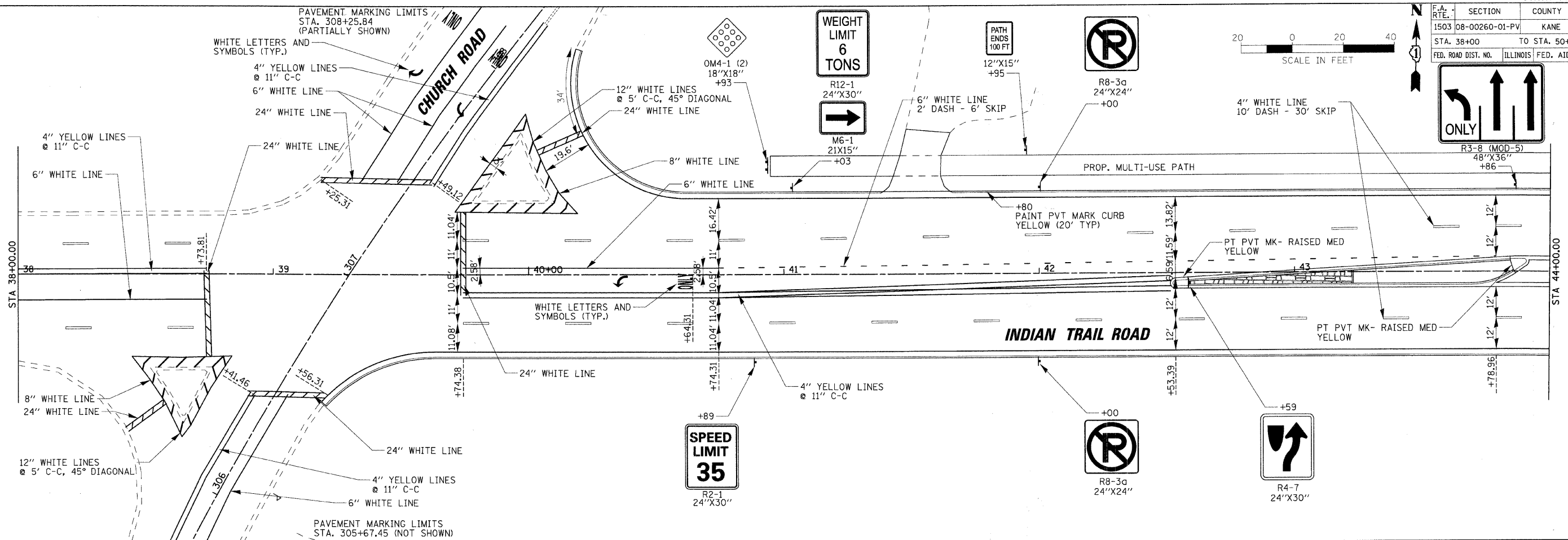
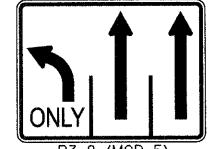
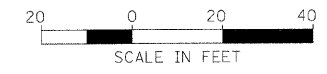
PAVEMENT MARKING/SIGNING PLAN
 INDIAN TRAIL ROAD
 SHEET 1 OF 6

SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'

DATE 1/7/09

DRAWN BY NDP/TC
 CHECKED BY TC/SBP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	75
STA. 38+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

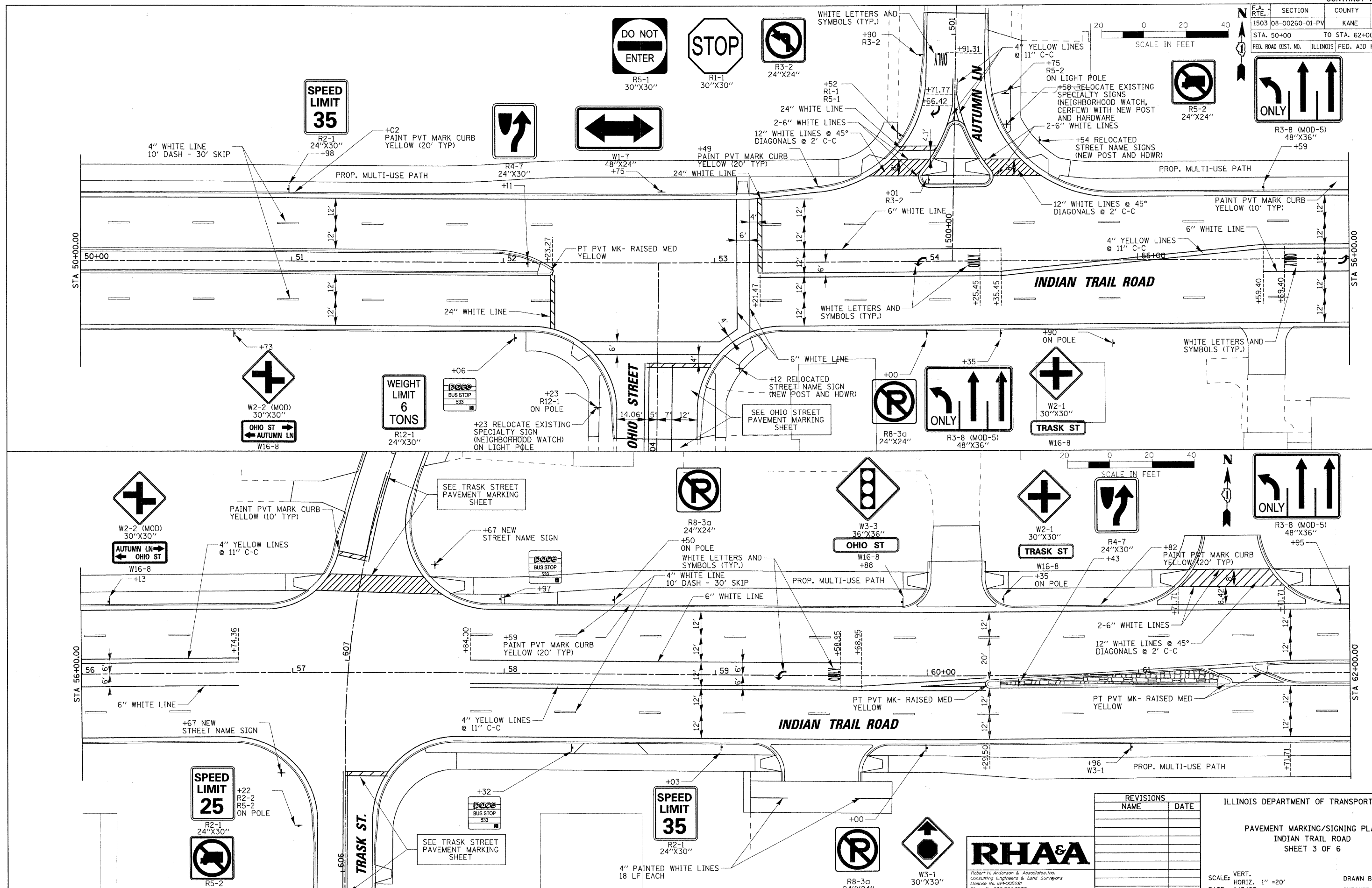
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING/SIGNING PLAN
INDIAN TRAIL ROAD
SHEET 2 OF 6



SCALE: VERT. 1"=20'
DATE 1/7/09
DRAWN BY NDP/TC
CHECKED BY TC/SBP

PLOT DATE = 1/5/2009
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USER NAME = USER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	76
STA. 50+00		TO STA. 62+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING/SIGNING PLAN

INDIAN TRAIL ROAD

SHEET 3 OF 6

RHAA

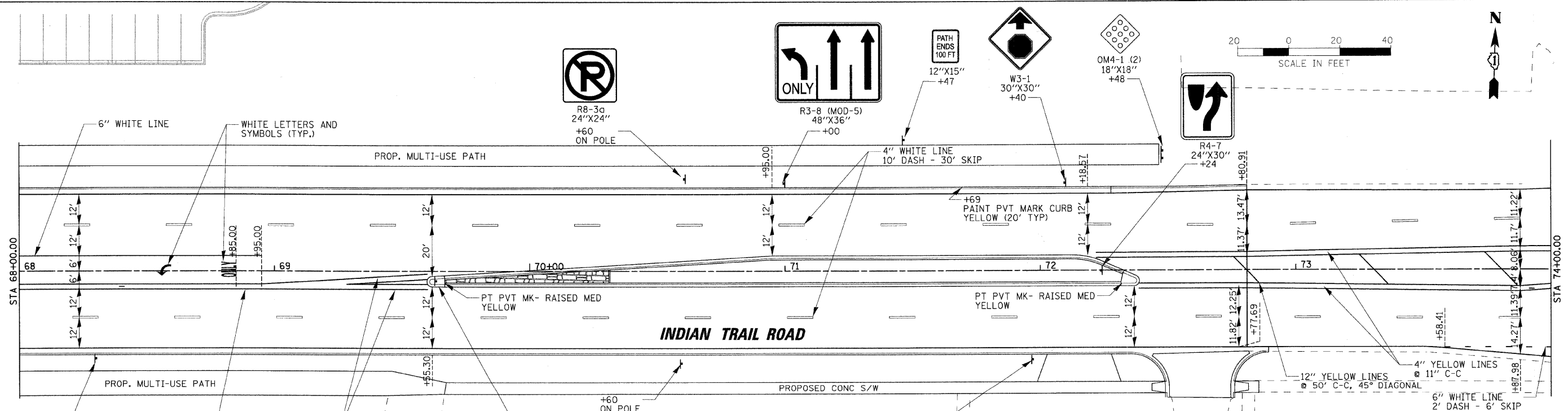
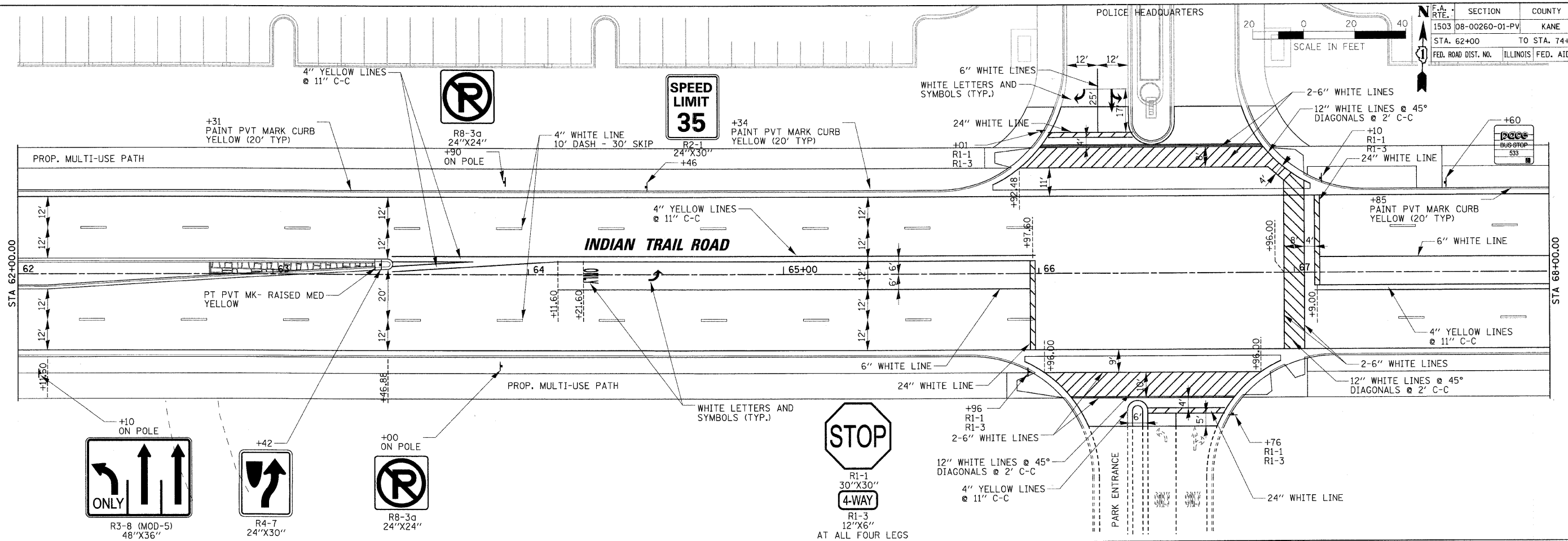
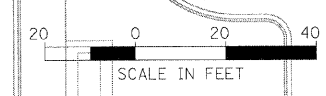
Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 004-005281
Phone No. 630-584-3530

SCALE: VERT. 1" = 20'
DATE 1/7/09

DRAWN BY NDP/TC
CHECKED BY TC/SBP

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SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503 08-00260-01-PV	KANE	176	77
STA. 62+00 TO STA. 74+00			
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING/SIGNING PLAN
INDIAN TRAIL ROAD
SHEET 4 OF 6

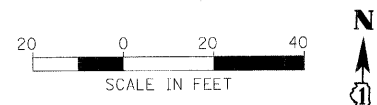
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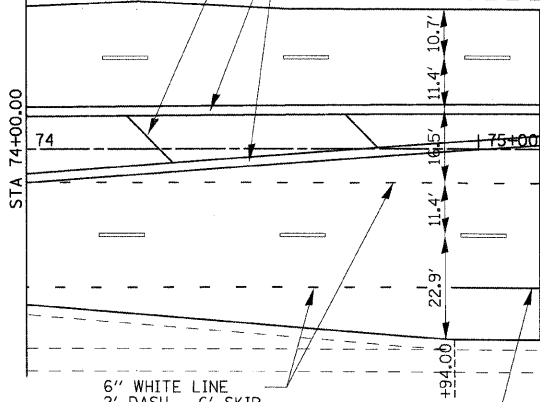


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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	78
STA. 74+00		TO STA. 80+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



12" YELLOW LINES
 @ 50' C-C, 45° DIAGONAL
 4" YELLOW LINES
 @ 11" C-C



PROJECT ENDS
 STA 75+13.53

INDIAN TRAIL ROAD

FARNSWORTH AVE

STA 74+00.00

710+00

1709

PLT DATE = 1/5/2009
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 USER NAME = USER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING/SIGNING PLAN
 INDIAN TRAIL ROAD
 SHEET 5 OF 6

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'

DATE 1/7/09

DRAWN BY NDP/TC
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	80
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LANDSCAPE SPECIFICATIONS

1. SITE CONDITIONS

- A. Access in and out of the project shall be maintained at all times. No obstructions shall be permitted on roadways, parking areas, bike paths, public right-of-ways, etc.
- B. Determine location and depths of underground utilities and perform work in a manner which will avoid possible damage. Hand excavate, as required. Maintain grade stakes set by others until removal is mutually agreed upon by parties concerned.
- C. When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage conditions, or obstructions, notify the Engineer before planting.
- D. Substitutions of plant material due to lack of availability or hardness shall be approved by the Engineer. Adjustments of plant locations shall be permitted as dictated by site conditions and approved by Engineer.
- E. All permits, if required, are to be secured by the Contractor.

2. PLANTING OPERATIONS

- A. Provide plant material of quantity, size, genus, species, and variety shown and scheduled for landscape work and complying with recommendations and requirements of ANSI Z601 "American Standard for Nursery Stock". Provide healthy, vigorous stock, grown in recognized nursery in accordance with good horticultural practice and free of disease, insects, eggs, larvae, and defects such as knots, sun-scald, injuries, abrasions, or discoloration.
- B. The Engineer may inspect trees and shrubs either at place of growth or at site before planting, for compliance with requirements for genus, species, variety, size, and quality. The Engineer retains right to further inspect trees and shrubs for size and condition of balls and root systems, insects, injuries and latent defects, and to reject unsatisfactory or defective material at any time during progress of work. Remove rejected trees or shrubs immediately from project site.
- C. All plant material shall be balled and burlapped (B&B) unless otherwise noted on the schedule.
- D. Provide freshly dug trees, evergreens and shrubs. Do not prune prior to delivery unless otherwise approved by Engineer. Do not bend or bind-tie trees or shrubs in such manner as to damage bark, break branches, or destroy natural shape. Do not drop balled or burlapped stock during delivery.
- E. Deliver plant material after preparations for planting have been completed and plant immediately. If planting is delayed more than 6 hours after delivery, set trees, evergreens and shrubs in shade, protect from weather and mechanical damage, and keep roots moist by covering with mulch, burlap or other acceptable means of retaining moisture.
- F. Do not remove container-grown stock from containers until planting time.
- G. Plant trees and shrubs after final grades are established and prior to planting of lawns, unless otherwise acceptable to Engineer. If planting of trees and shrubs occurs after lawn work, protect lawn areas and promptly repair damage to lawns resulting from planting operations.
- H. All plant material shall be grown in Northeastern Illinois. Verification shall be provided upon request of the City or Engineer.
- I. Plant handling and installation shall conform to accepted landscape practices. Protect all plants in leaf with acceptable coverings during transportation.
- J. Plant or install materials during normal planting seasons for each type of plant material required.
- K. Dig holes large enough to allow for root ball and backfill with planting soil. Work soil around ball to eliminate air pockets and leave a slight saucer indentation around plants to hold water. Water thoroughly after planting, taking care not to cover crowns of plants with wet soils.
- L. All plant prices quoted shall include delivery, installation, storing if necessary, fertilizing, pruning, thinning and watering until all landscaping is completed and Engineer has been notified in writing of same and has accepted the completed project.
- M. Wrap all newly planted tree trunks with commercial tree wrap at time of planting. Start at ground and cover trunk to height of first branches and securely attach.
- N. The need for guying of newly planted deciduous trees and evergreens will be determined by Engineer on site. Provide 3 wire ties and guys of 2-strand, twisted, pliable galvanized iron wire, not lighter than 14 ga. with zinc-coated turnbuckles. Provide not less than 1/2 inch diameter rubber or plastic hose, cut to required lengths and of uniform color, material, and size to protect tree trunks from damage by wires.
Provide 2"x3"x 24" (min.) wood stakes equidistant from plant trunk. Provide protective markings to cables and stakes as approved by the Engineer. This shall be incidental to cost of the tree.

3. MULCH

- A. Mulch all plantings with shredded hardwood bark mulch to a depth of 3".
- B. Mulched beds shall encompass all groups of plant material and be generous enough to permit ease of landscape maintenance.
- C. Mulch rings shall be a minimum 5'-0" diameter for individual trees, evergreens and ornamental trees as shown on the plans or directed by the Engineer.
- D. Mulch areas between groundcover and perennial plants; place not less than 3 inches thick.
- E. Where mulch beds meet lawn areas, provide a sharp vertical shovel-cut edge.

4. MAINTENANCE

- A. Begin maintenance immediately after planting.
- B. Maintain trees, shrubs, and other plants until final acceptance by the Engineer.
- C. Maintain trees, shrubs, and other plants by pruning, cultivating, and weeding as required for healthy growth. Restore planting saucers. Tighten and repair stake and guy supports and reset trees and shrubs to proper grades or vertical position as required. Restore or replace damaged wrappings. Spray as required to keep trees and shrubs free of insects and disease.
- D. Contractor shall be responsible for all watering equipment and procedures. Water supply shall be provided by the Contractor except at the Police Station. Coordinate with the City at this location.

5. CLEAN UP AND PROTECTION

- A. During landscape work, keep pavements clean and work area in an orderly condition.
- B. Protect landscape work and materials from damage due to landscape operations, operations by other contractors and trades, and trespassers. Maintain protection during installation and maintenance periods. Treat, repair, or replace damaged landscape work as directed.

6. INSPECTION AND ACCEPTANCE

- A. When landscape work is completed, including maintenance, Engineer will, upon request, make an inspection to determine acceptability.
 - 1. Landscape work may be inspected for acceptance in portions as agreeable to Engineer, provided each portion of work offered for inspection is complete, including maintenance.
- B. When inspected landscape work does not comply with requirements, replace rejected work and continue specified maintenance until reinspected by the Engineer and found to be acceptable. Remove rejected plants and materials promptly from project site.

7. WARRANTY

- A. All plant material shall be guaranteed 100% for one (1) year from date of final acceptance by the Engineer. Guarantee is for one (1) replacement only against defects including death and unsatisfactory growth, except for defects resulting from neglect by the City, abuse or damage by others, vandalism, salt injury, wildlife damage or unusual phenomena or incidents which are beyond the Contractor's control.
- B. Remove and replace trees, shrubs, or other plants found to be dead or in unhealthy condition during warranty period. Make replacements during growth season following end of warranty period. Replace trees and shrubs which are in doubtful condition at end of warranty period; unless, in opinion of Engineer, it is advisable to extend warranty period for a full growing season.

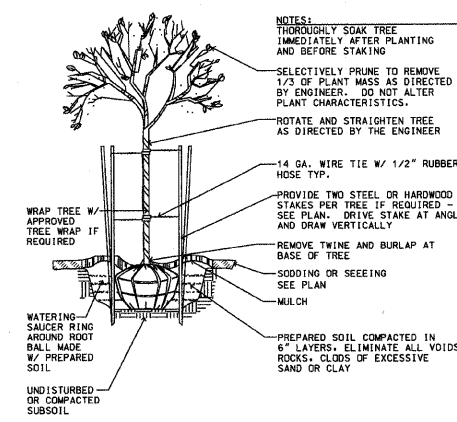
EROSION CONTROL NOTES

- 1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
- 2. THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- 3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- 4. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
- 6. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
- 7. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
- 8. ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS. INSPECTED DAILY AND CLEANED WHEN NECESSARY.
- 9. ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT
- 10. EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDENT ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (I.E. DETENTION BASIN PERIMETERS, BERMS, ETC.) IMMEDIATELY UPON FINAL GRADING

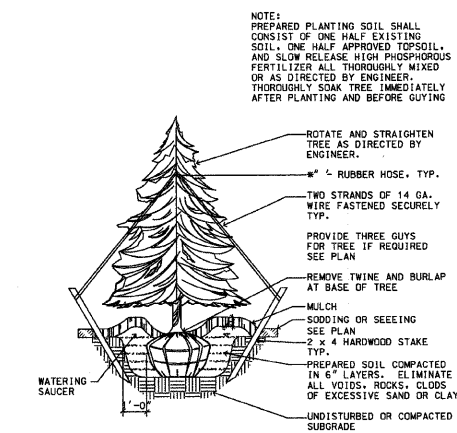
- 11. IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED.
- 12. NO WORK SHALL BE PERFORMED IN FLOWING WATER, WORK IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS
- 13. ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM CREEK FLOWS AT ALL TIMES. THE DIVERSION/ISOLATION OF THE CREEK FLOWS MUST BE CONSTRUCTED FROM NON-ERODABLE MATERIALS. THE KDSWCD MUST BE IN AGREEMENT WITH OVERALL EXACT METHOD OF DIVERSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 14. I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILRIO) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE	TITLE	DATE
NAME OF FIRM	ADDRESS	TELEPHONE

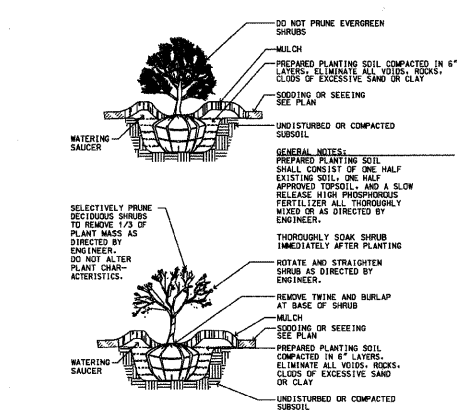
- 15. STOCKPILES SHALL BE LOCATED IN AREAS THAT DO NOT HAVE HIGH POTENTIAL FOR CONTRIBUTING SEDIMENTS TO STORMWATER FACILITIES. SEDIMENT CONTROL, SILT FENCE SHALL BE PLACED AROUND THE STOCKPILE IMMEDIATELY. TEMPORARY EROSION CONTROL SEEDING STABILIZATION OF THE STOCKPILE SHALL BE COMPLETED WITHIN SEVEN (7) DAYS OF THE FORMATION OF THE STOCKPILE, IF IT IS TO REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN THIRTY (30) DAYS. PERMANENT SEEDING OF THE STOCKPILE SHALL BE COMPLETED WITHIN SEVEN (7) DAYS OF THE FORMATION OF THE STOCKPILE, IF IT IS TO REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 12 MONTHS.



A DECIDUOUS TREE PLANTING



B EVERGREEN TREE PLANTING



C SHRUB PLANTING

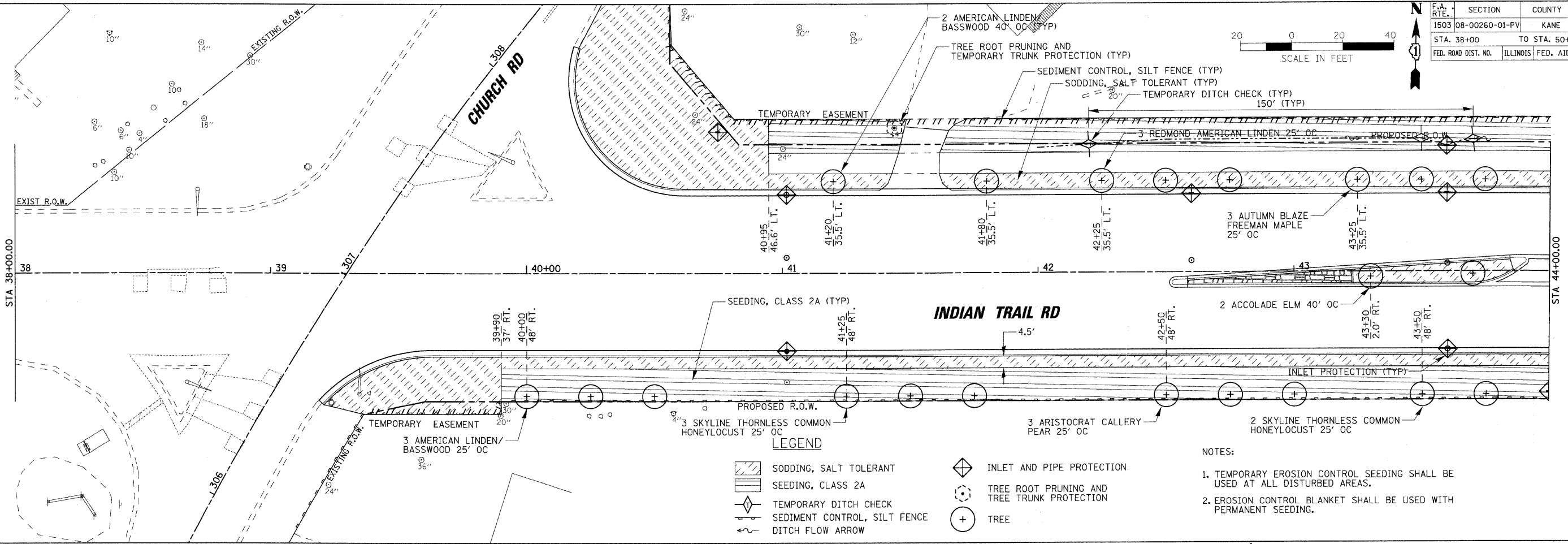
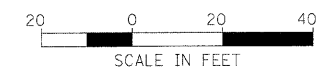
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 LANDSCAPING AND EROSION CONTROL
 GENERAL NOTES
 SHEET 1 OF 5
 SCALE: VERT. N/A
 DATE 1/7/09
 DRAWN BY AWH
 CHECKED BY TC/SBP



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	81
STA. 38+00		TO STA. 50+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

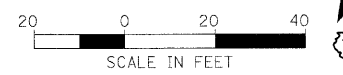
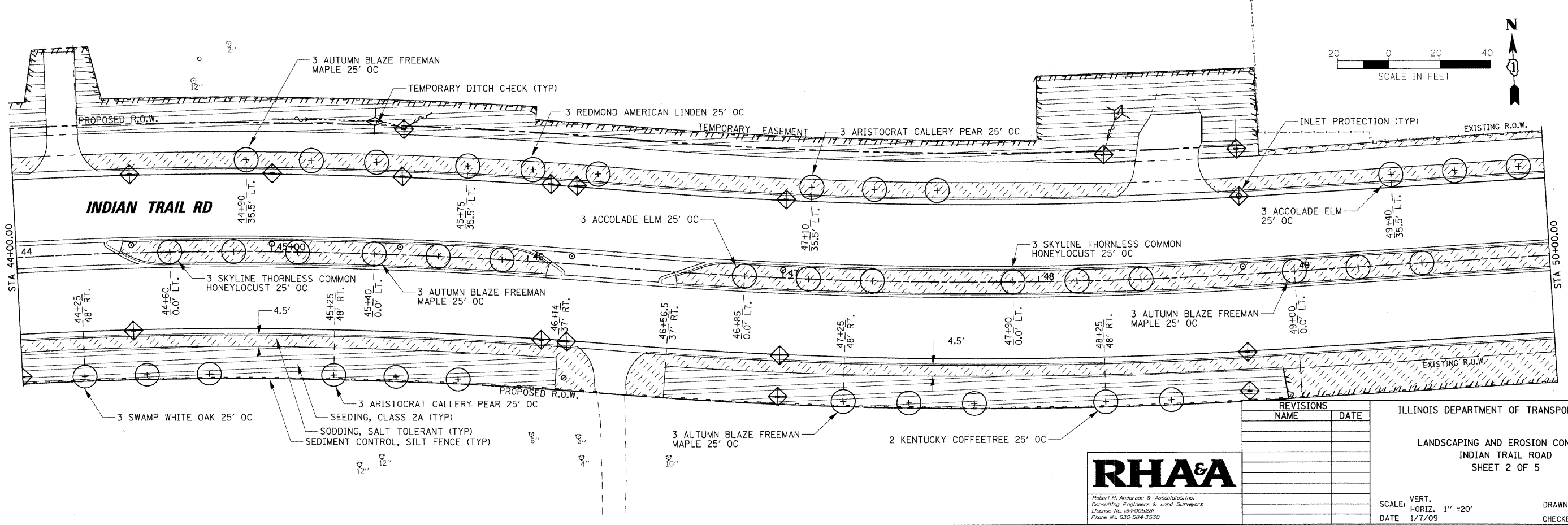


LEGEND

- SODDING, SALT TOLERANT
- SEEDING, CLASS 2A
- TEMPORARY DITCH CHECK
- SEDIMENT CONTROL, SILT FENCE
- DITCH FLOW ARROW
- INLET AND PIPE PROTECTION
- TREE ROOT PRUNING AND TREE TRUNK PROTECTION
- TREE

NOTES:

1. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED AT ALL DISTURBED AREAS.
2. EROSION CONTROL BLANKET SHALL BE USED WITH PERMANENT SEEDING.



REVISIONS	
NAME	DATE

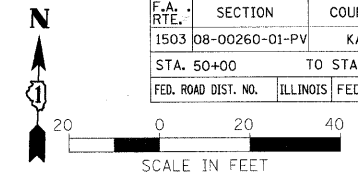
ILLINOIS DEPARTMENT OF TRANSPORTATION
 LANDSCAPING AND EROSION CONTROL
 INDIAN TRAIL ROAD
 SHEET 2 OF 5

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 084-005520
 Phone No. 630-584-3530

SCALE: VERT. 1" = 20'
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

PLOT DATE = 1/5/2009
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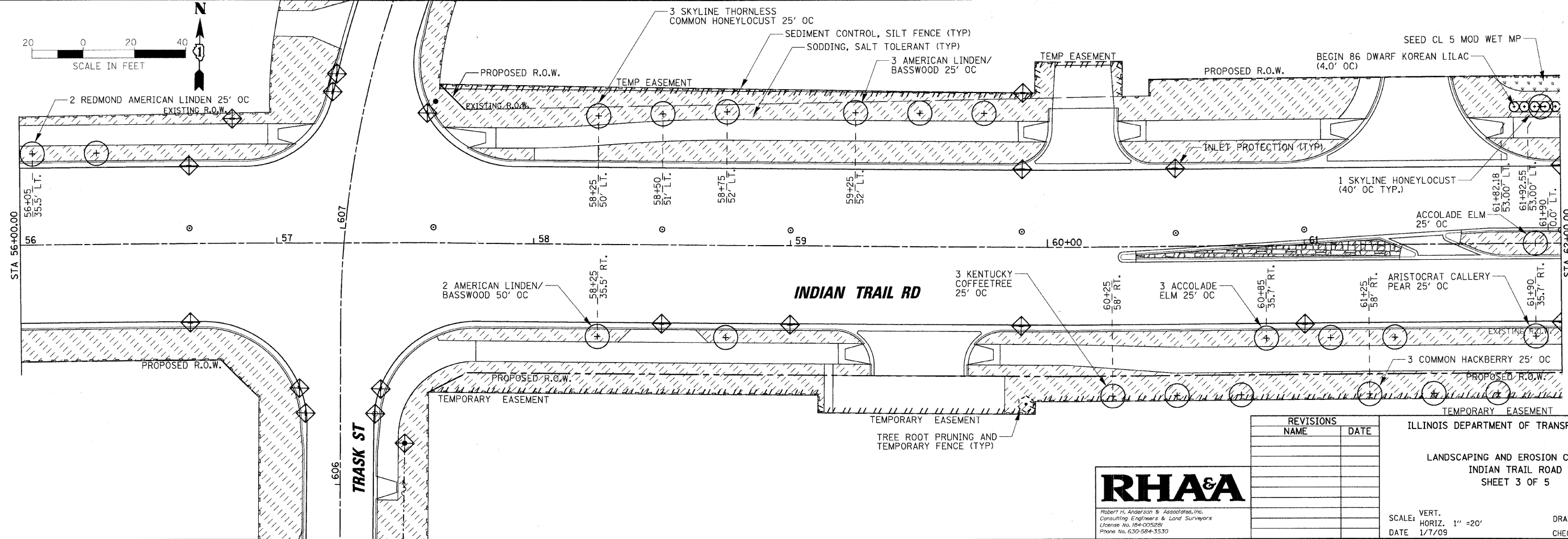
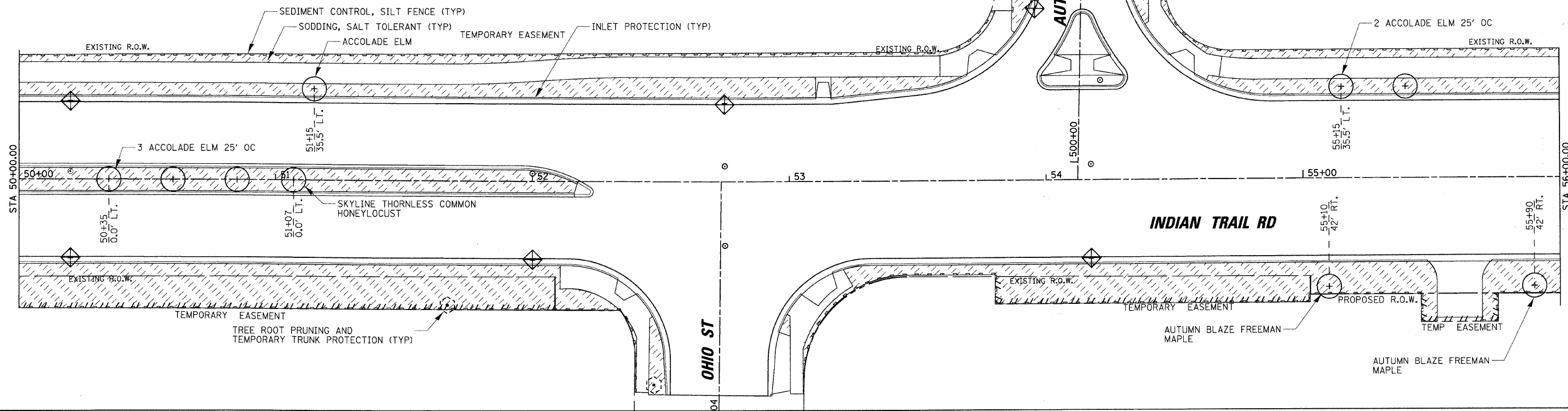
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	82
STA. 50+00		TO STA. 62+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- SODDING, SALT TOLERANT
- SEEDING, CLASS 2A
- TEMPORARY DITCH CHECK
- SEDIMENT CONTROL, SILT FENCE
- DITCH FLOW ARROW
- SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE
- INLET AND PIPE PROTECTION
- TREE ROOT PRUNING AND TREE TRUNK PROTECTION
- TREE
- SHRUB

- NOTES:
- TEMPORARY EROSION CONTROL SEEDING SHALL BE USED AT ALL DISTURBED AREAS.
 - EROSION CONTROL BLANKET SHALL BE USED WITH PERMANENT SEEDING.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 LANDSCAPING AND EROSION CONTROL
 INDIAN TRAIL ROAD
 SHEET 3 OF 5

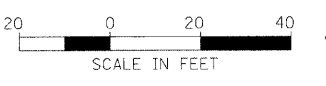
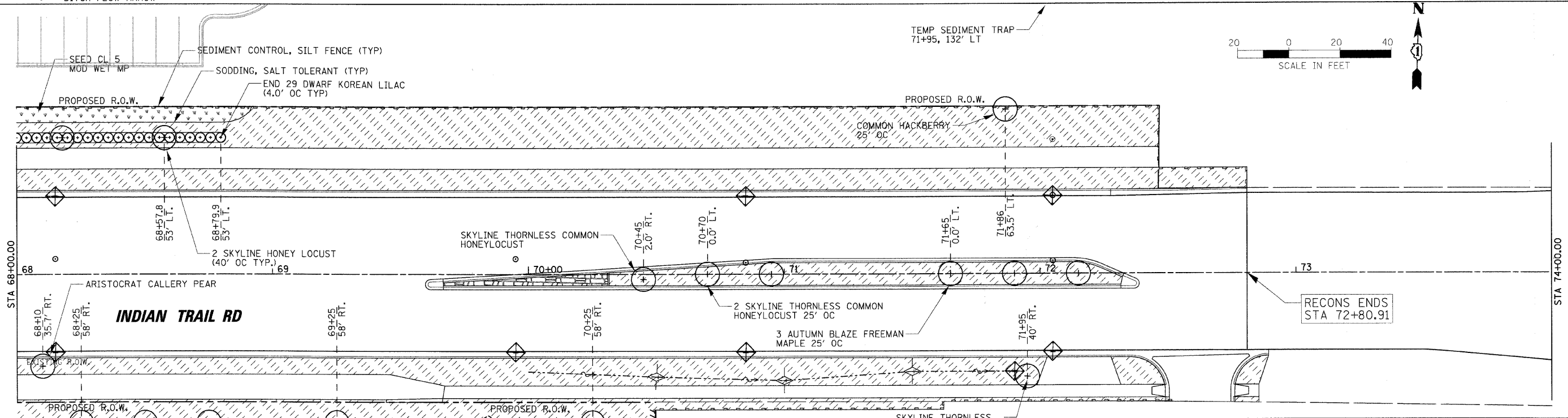
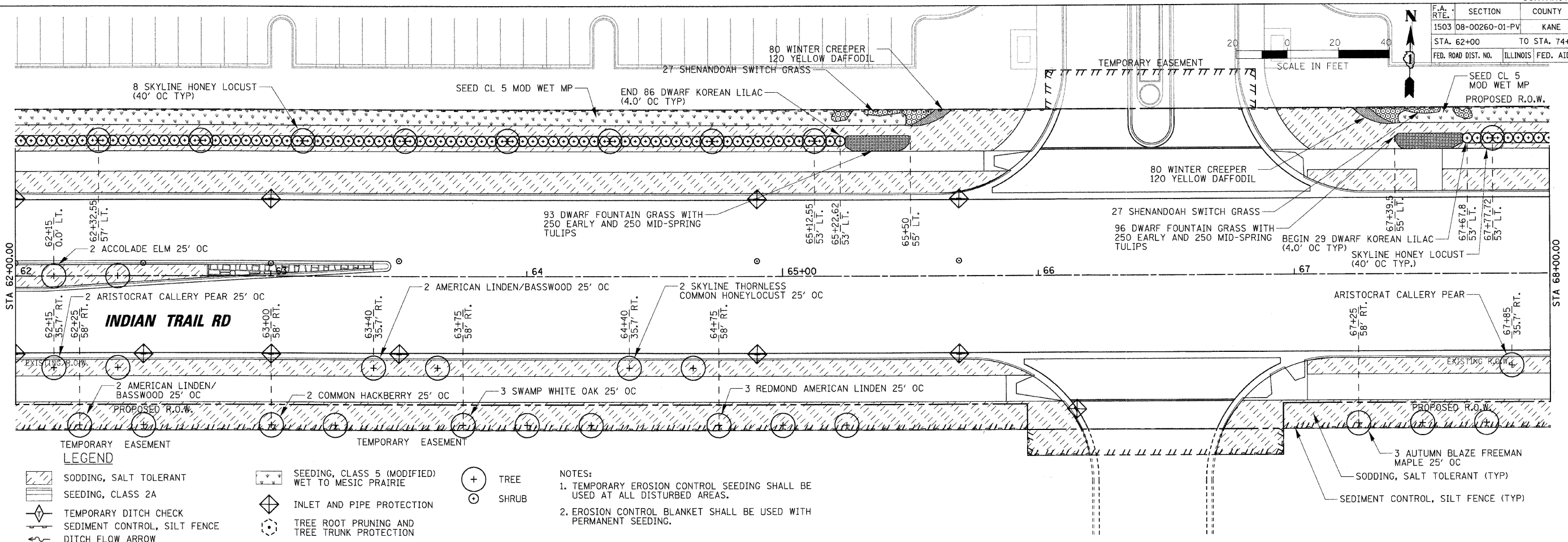
SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'
 DATE 1/7/09

DRAWN BY TC
 CHECKED BY TC/SBP



PLOT DATE = 1/5/2009
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 USER NAME = USER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	83
STA. 62+00		TO STA. 74+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND EROSION CONTROL
INDIAN TRAIL ROAD
SHEET 4 OF 5

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'

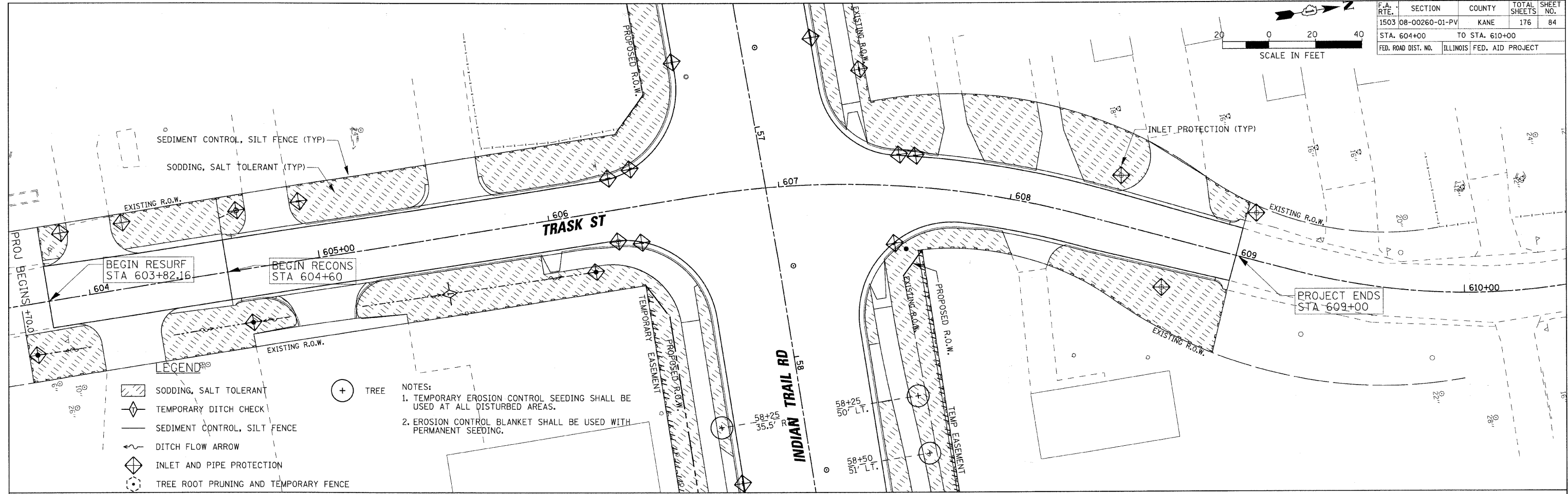
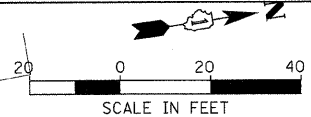
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DRAWN BY: TC
CHECKED BY: TC/SBP



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USER NAME = USER

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	84
STA. 604+00		TO STA. 610+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- SODDING, SALT TOLERANT
 - TEMPORARY DITCH CHECK
 - SEDIMENT CONTROL, SILT FENCE
 - DITCH FLOW ARROW
 - INLET AND PIPE PROTECTION
 - TREE ROOT PRUNING AND TEMPORARY FENCE

NOTES:
 1. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED AT ALL DISTURBED AREAS.
 2. EROSION CONTROL BLANKET SHALL BE USED WITH PERMANENT SEEDING.

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REVISIONS	
NAME	DATE

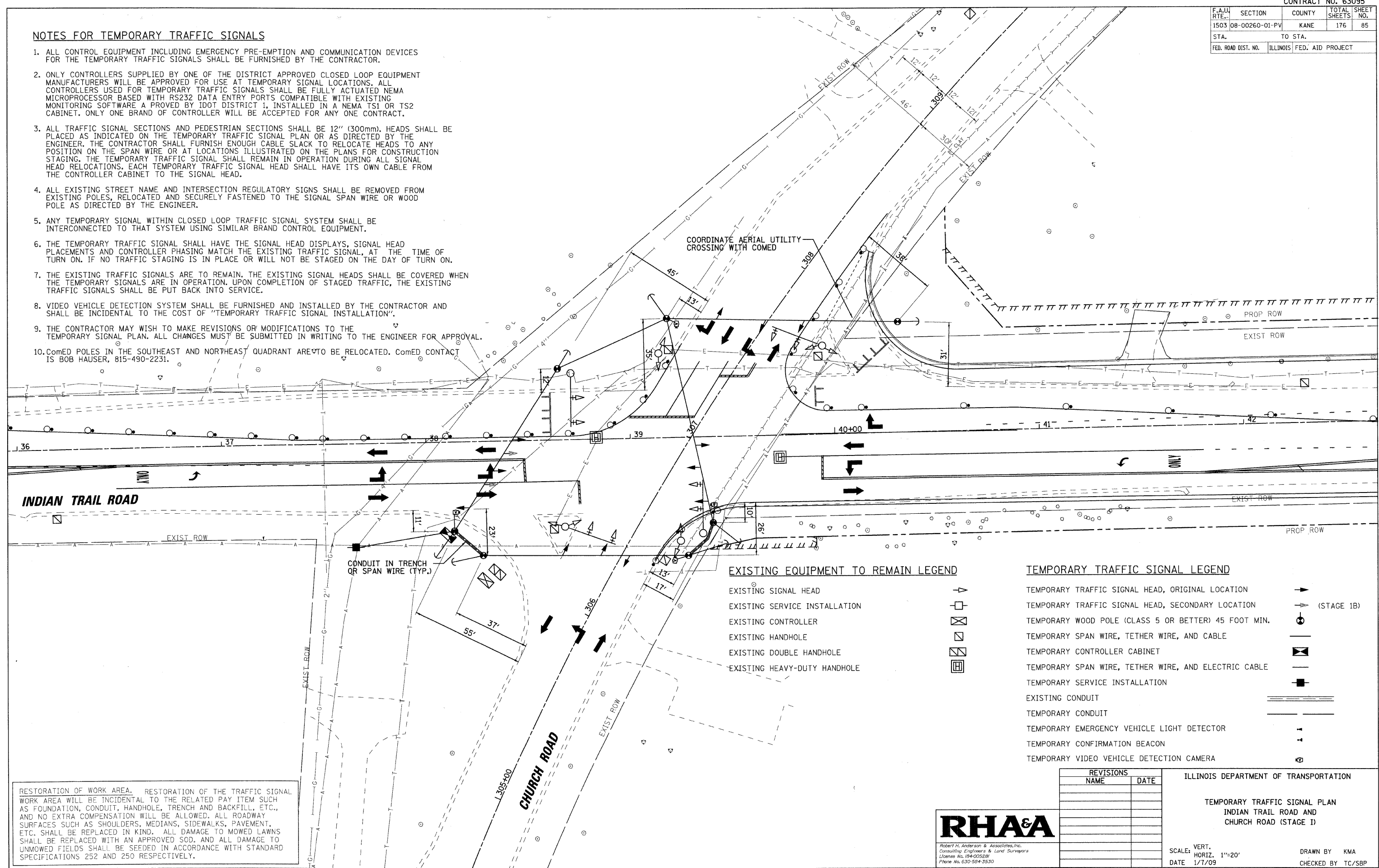
ILLINOIS DEPARTMENT OF TRANSPORTATION
 LANDSCAPING AND EROSION CONTROL
 TRASK STREET
 SHEET 5 OF 5

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE 1/7/09
 DRAWN BY TC
 CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	85
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE A PROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SECTIONS SHALL BE 12" (300mm). HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF TURN ON. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF TURN ON.
7. THE EXISTING TRAFFIC SIGNALS ARE TO REMAIN. THE EXISTING SIGNAL HEADS SHALL BE COVERED WHEN THE TEMPORARY SIGNALS ARE IN OPERATION. UPON COMPLETION OF STAGED TRAFFIC, THE EXISTING TRAFFIC SIGNALS SHALL BE PUT BACK INTO SERVICE.
8. VIDEO VEHICLE DETECTION SYSTEM SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AND SHALL BE INCIDENTAL TO THE COST OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
9. THE CONTRACTOR MAY WISH TO MAKE REVISIONS OR MODIFICATIONS TO THE TEMPORARY SIGNAL PLAN. ALL CHANGES MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL.
10. ComED POLES IN THE SOUTHEAST AND NORTHEAST QUADRANT ARE TO BE RELOCATED. ComED CONTACT IS BOB HAUSER, 815-490-2231.



EXISTING EQUIPMENT TO REMAIN LEGEND

- EXISTING SIGNAL HEAD
- EXISTING SERVICE INSTALLATION
- EXISTING CONTROLLER
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING HEAVY-DUTY HANDHOLE

TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD, ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD, SECONDARY LOCATION (STAGE 1B)
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MIN.
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND ELECTRIC CABLE
- TEMPORARY SERVICE INSTALLATION
- EXISTING CONDUIT
- TEMPORARY CONDUIT
- TEMPORARY EMERGENCY VEHICLE LIGHT DETECTOR
- TEMPORARY CONFIRMATION BEACON
- TEMPORARY VIDEO VEHICLE DETECTION CAMERA

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL PLAN
 INDIAN TRAIL ROAD AND
 CHURCH ROAD (STAGE I)
 SCALE: VERT. 1"=20'
 HORIZ. 1"=20'
 DATE 1/7/09
 DRAWN BY KMA
 CHECKED BY TC/SBP

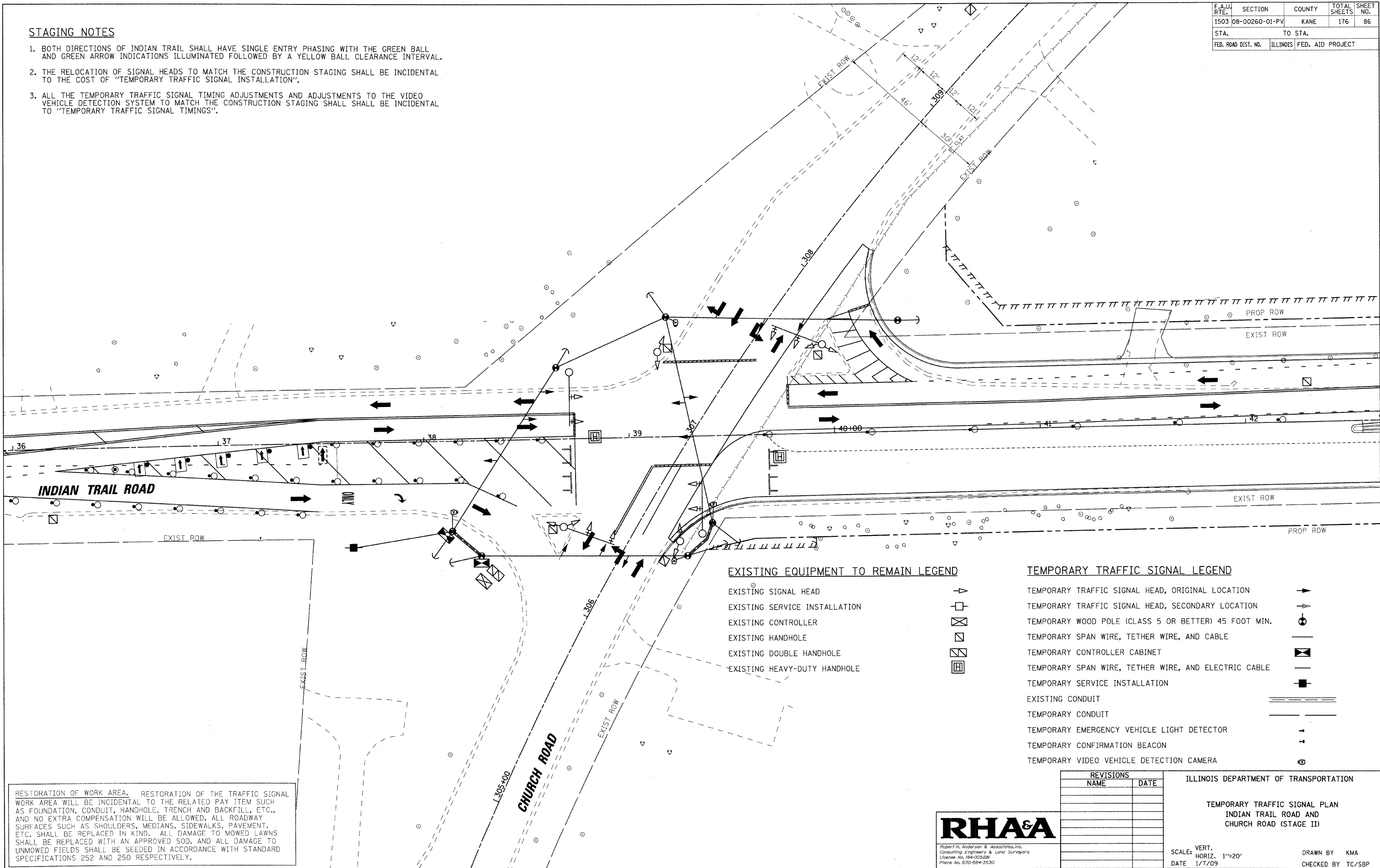
RHA&A
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 094-005529
 Phone No. 630-584-3530

PLOT DATE = 1/5/2009
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 USER NAME = USER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STAGING NOTES

- BOTH DIRECTIONS OF INDIAN TRAIL SHALL HAVE SINGLE ENTRY PHASING WITH THE GREEN BALL AND GREEN ARROW INDICATIONS ILLUMINATED FOLLOWED BY A YELLOW BALL CLEARANCE INTERVAL.
- THE RELOCATION OF SIGNAL HEADS TO MATCH THE CONSTRUCTION STAGING SHALL BE INCIDENTAL TO THE COST OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- ALL THE TEMPORARY TRAFFIC SIGNAL TIMING ADJUSTMENTS AND ADJUSTMENTS TO THE VIDEO VEHICLE DETECTION SYSTEM TO MATCH THE CONSTRUCTION STAGING SHALL BE INCIDENTAL TO "TEMPORARY TRAFFIC SIGNAL TIMINGS".



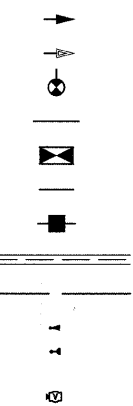
EXISTING EQUIPMENT TO REMAIN LEGEND

- EXISTING SIGNAL HEAD
- EXISTING SERVICE INSTALLATION
- EXISTING CONTROLLER
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING HEAVY-DUTY HANDHOLE



TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD, ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD, SECONDARY LOCATION
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MIN.
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND ELECTRIC CABLE
- TEMPORARY SERVICE INSTALLATION
- EXISTING CONDUIT
- TEMPORARY CONDUIT
- TEMPORARY EMERGENCY VEHICLE LIGHT DETECTOR
- TEMPORARY CONFIRMATION BEACON
- TEMPORARY VIDEO VEHICLE DETECTION CAMERA



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PLOT DATE = 1/5/2009
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN
INDIAN TRAIL ROAD AND
CHURCH ROAD (STAGE II)

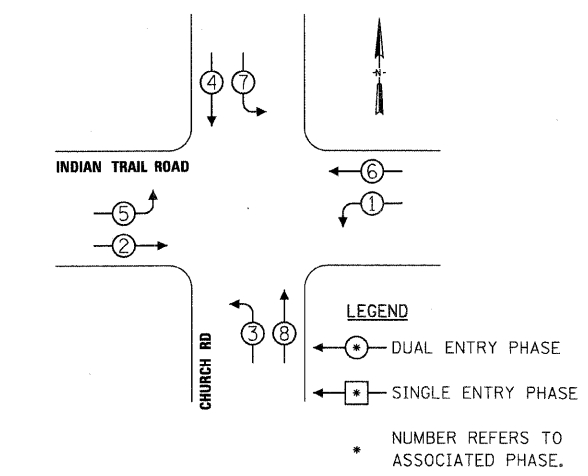
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HORIZ. 1"=20'
DATE 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP

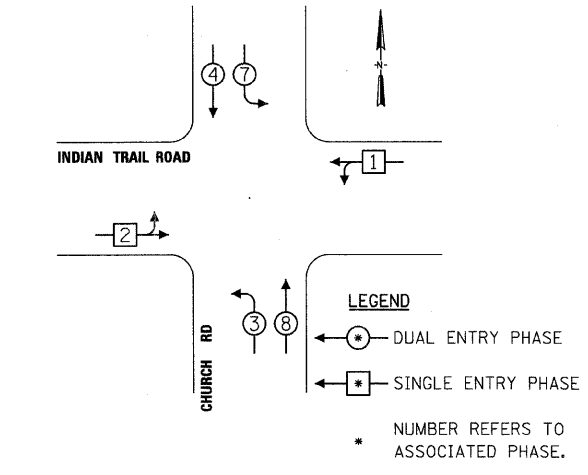
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1503	08-00260-01-PV	KANE	176	87
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

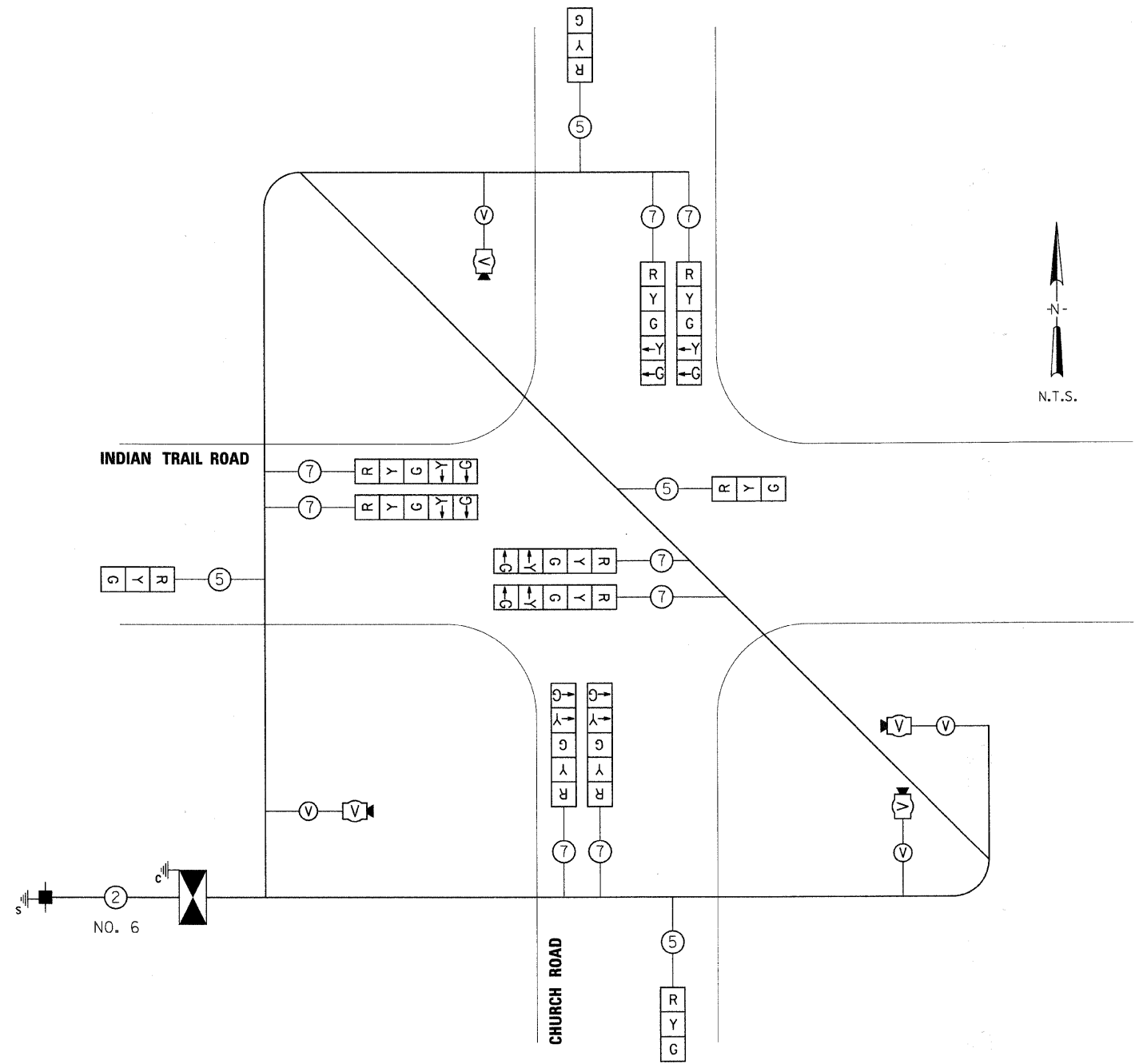
IDOT CODE	DESCRIPTION	UNITS	QUANTITY
*89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
*1006649	TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1



STAGE I PHASE DESIGNATION DIAGRAM



STAGE IB & II PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE PLAN LEGEND

- CONTROLLER CABINET
- SERVICE INSTALLATION
- DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP CABLE TO BE SHIELDED.
- SIGNAL FACE
- WIRING FOR SUBSEQUENT STAGE TRAFFIC SIGNAL HEADS
- VEHICLE DETECTION CAMERA
- VIDEO CABLES (VENDOR SPECIFIED) (POWER AND SIGNAL)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	12	100		50	600
(YELLOW)	12	100		25	300
(GREEN)	12	100		25	300
ARROW	8	100		10	80
CONTROLLER	1	100		100	100
VIDEO CAMERA	4	15		100	60
VIDEO BASE	1	26		100	26
ENERGY COSTS TO: CONTRACTOR				TOTAL =	1466

- SIGNAL (RED)
- (YELLOW)
- (GREEN)
- ARROW
- PED. SIGNAL
- CONTROLLER
- VIDEO CAMERA
- VIDEO BASE
- UPS

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN
INDIAN TRAIL ROAD AND
CHURCH ROAD

SCALE: VERT. 1/4"=20'
HORIZ. 1/4"=20'

DATE 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP

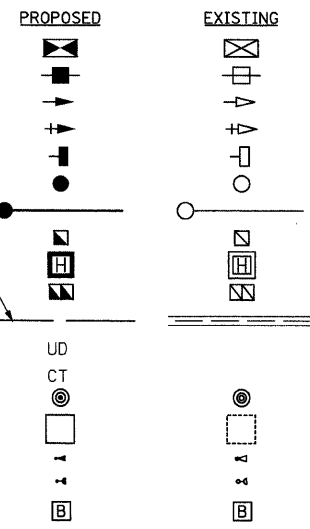


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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	88
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

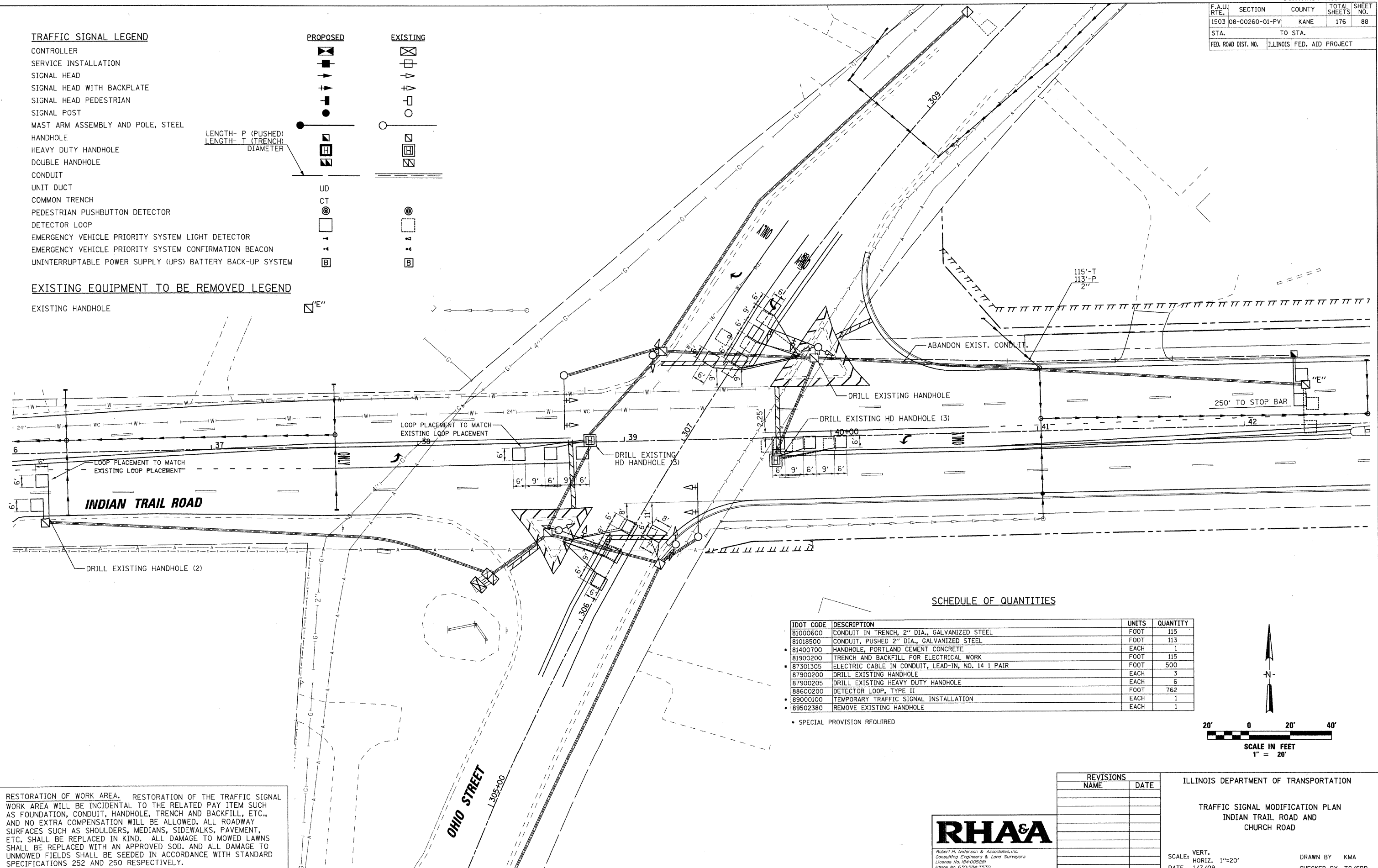
- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- CONDUIT
- UNIT DUCT
- COMMON TRENCH
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- EMERGENCY VEHICLE PRIORITY SYSTEM LIGHT DETECTOR
- EMERGENCY VEHICLE PRIORITY SYSTEM CONFIRMATION BEACON
- UNINTERRUPTABLE POWER SUPPLY (UPS) BATTERY BACK-UP SYSTEM



LENGTH- P (PUSHED)
LENGTH- T (TRENCH)
DIAMETER

EXISTING EQUIPMENT TO BE REMOVED LEGEND

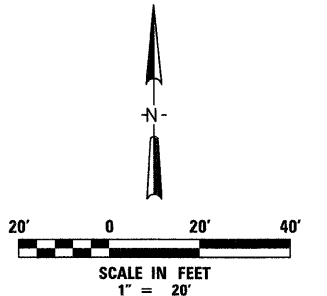
- EXISTING HANDHOLE



SCHEDULE OF QUANTITIES

IDOT CODE	DESCRIPTION	UNITS	QUANTITY
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	115
81018500	CONDUIT, PUSHED 2" DIA., GALVANIZED STEEL	FOOT	113
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	115
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	500
87900200	DRILL EXISTING HANDHOLE	EACH	3
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	6
88600200	DETECTOR LOOP, TYPE II	FOOT	762
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	1

• SPECIAL PROVISION REQUIRED



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TRAFFIC SIGNAL MODIFICATION PLAN INDIAN TRAIL ROAD AND CHURCH ROAD



SCALE: VERT. 1"=20'
 DATE: 1/7/09
 DRAWN BY: KMA
 CHECKED BY: TC/SBP

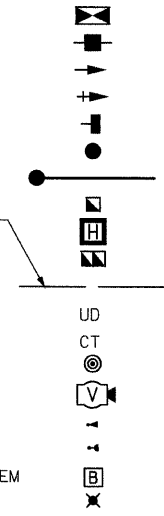
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 USER NAME = USER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

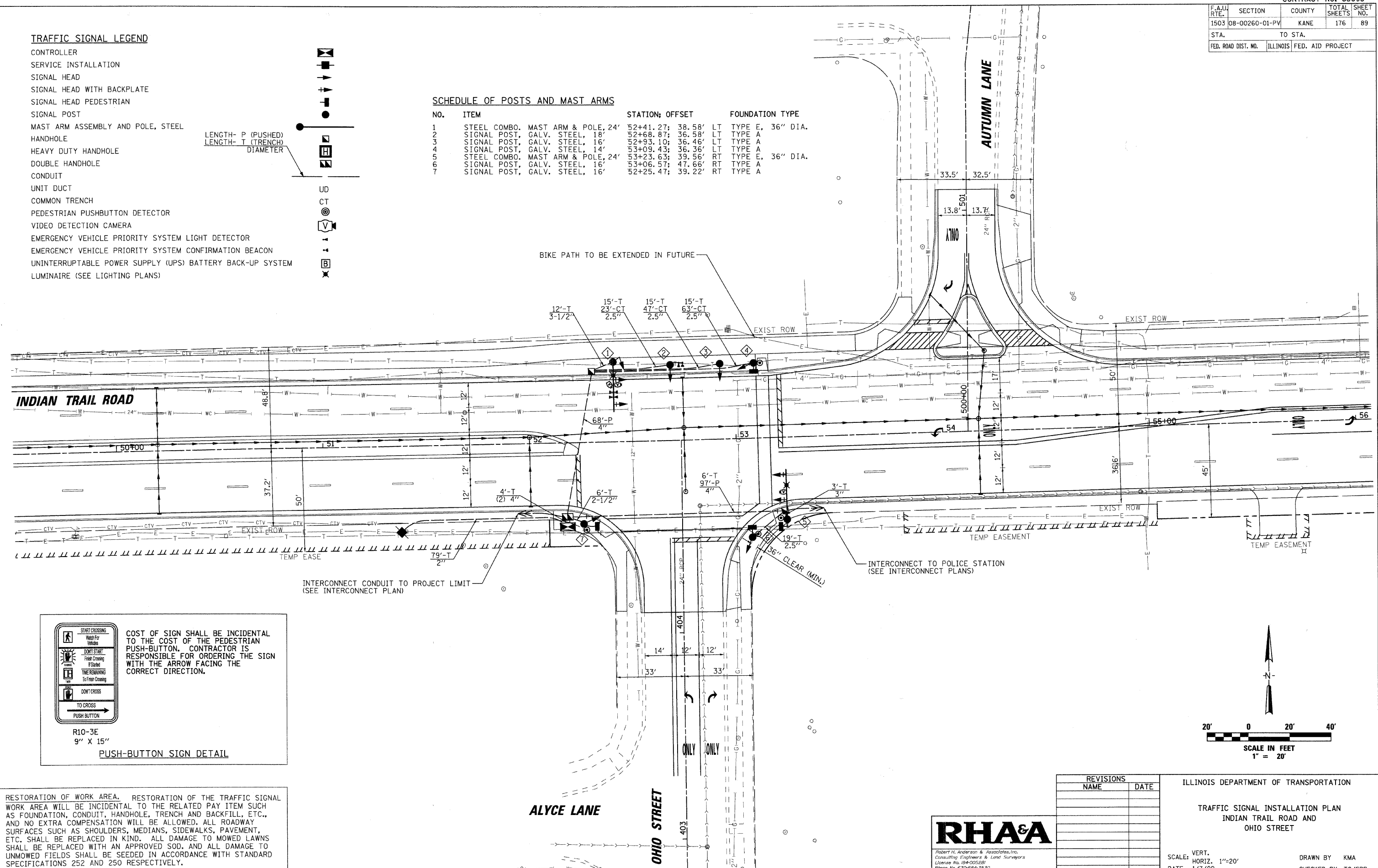
- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- CONDUIT
- UNIT DUCT
- COMMON TRENCH
- PEDESTRIAN PUSHBUTTON DETECTOR
- VIDEO DETECTION CAMERA
- EMERGENCY VEHICLE PRIORITY SYSTEM LIGHT DETECTOR
- EMERGENCY VEHICLE PRIORITY SYSTEM CONFIRMATION BEACON
- UNINTERRUPTABLE POWER SUPPLY (UPS) BATTERY BACK-UP SYSTEM
- LUMINAIRE (SEE LIGHTING PLANS)

LENGTH- P (PUSHED)
LENGTH- T (TRENCH)
DIAMETER



SCHEDULE OF POSTS AND MAST ARMS

NO.	ITEM	STATION; OFFSET	FOUNDATION TYPE
1	STEEL COMBO. MAST ARM & POLE, 24'	52+41.27; 38.58' LT	TYPE E, 36" DIA.
2	SIGNAL POST, GALV. STEEL, 18'	52+68.87; 36.58' LT	TYPE A
3	SIGNAL POST, GALV. STEEL, 16'	52+93.10; 36.46' LT	TYPE A
4	SIGNAL POST, GALV. STEEL, 14'	53+09.43; 36.36' LT	TYPE A
5	STEEL COMBO. MAST ARM & POLE, 24'	53+23.63; 39.56' RT	TYPE E, 36" DIA.
6	SIGNAL POST, GALV. STEEL, 16'	53+06.57; 47.66' RT	TYPE A
7	SIGNAL POST, GALV. STEEL, 16'	52+25.47; 39.22' RT	TYPE A

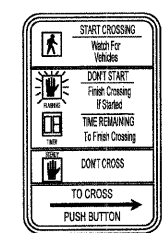


INDIAN TRAIL ROAD

AUTUMN LANE

ALYCE LANE

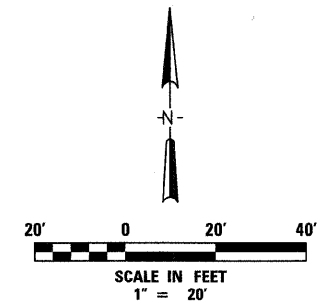
OHIO STREET



COST OF SIGN SHALL BE INCIDENTAL TO THE COST OF THE PEDESTRIAN PUSH-BUTTON. CONTRACTOR IS RESPONSIBLE FOR ORDERING THE SIGN WITH THE ARROW FACING THE CORRECT DIRECTION.

R10-3E
9" X 15"
PUSH-BUTTON SIGN DETAIL

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNSNOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION PLAN
INDIAN TRAIL ROAD AND
OHIO STREET
SCALE: VERT. 1"=20'
DATE: 1/7/09
DRAWN BY: KMA
CHECKED BY: TC/SBP

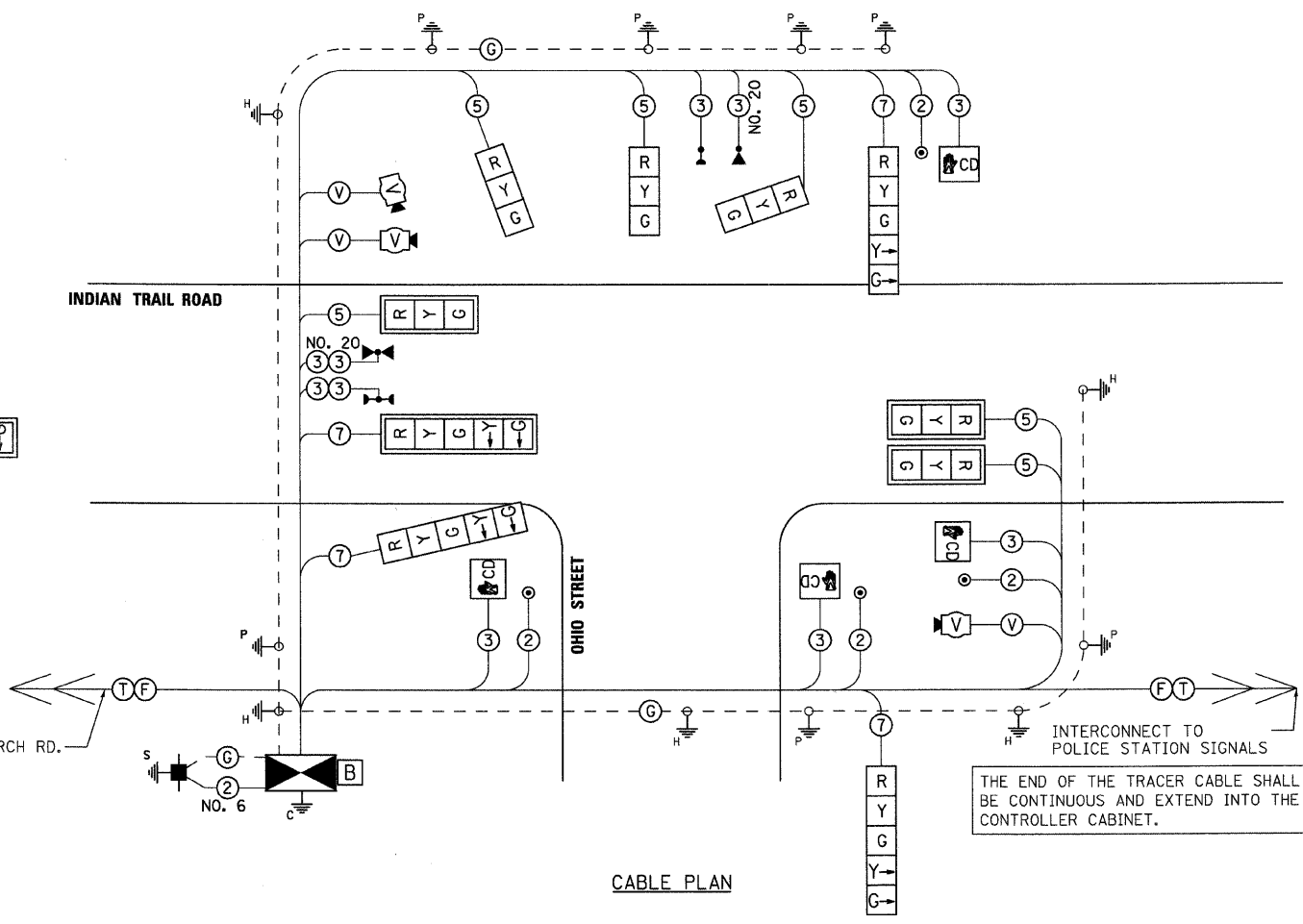
RHAA
Robert H. Anderson & Associates, Inc.
Consulting Engineers & Land Surveyors
License No. 094-005281
Phone No. 630-584-3530

PLOT DATE = 1/6/2009
 FILE NAME = H:\A\120859_11\INDIAN_Civil\Signal\081.dwg
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 USER NAME = USER

F.A.U. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	90
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CABLE PLAN LEGEND

- CONTROLLER CABINET
- SERVICE INSTALLATION
- TELEPHONE SERVICE INSTALLATION
- VEHICLE DETECTION CAMERA
- EMERGENCY VEHICLE PRIORITY LIGHT DETECTOR
- EVPS CONFIRMATION BEACON
- DENOTES NUMBER OF CONDUCTORS.
 ALL CABLE NO. 14 EXCEPT AS INDICATED.
 ALL LOOP CABLE TO BE SHIELDED.
- FIBER OPTIC CABLE / TRACER CABLE (SEE INTERCONNECT PLAN)
- VIDEO CABLES (VENDOR SPECIFIED) (POWER AND SIGNAL)
- GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
- SIGNAL FACE WITH BACKPLATE
- SIGNAL FACE WITHOUT BACKPLATE
- PEDESTRIAN SIGNAL HEAD
- UNINTERRUPTIBLE POWER SUPPLY (UPS), BATTERY BACK-UP SYSTEM
- GROUND ROD
- C: CONTROLLER
 H: HANDHOLE
 P: SIGNAL POST OR MAST ARM POLE
 S: ELECTRIC SERVICE INSTALLATION



CABLE PLAN

SCHEDULE OF QUANTITIES

IDOT CODE	DESCRIPTION	UNITS	QUANTITY
72000200	SIGN PANEL, TYPE 2	SQ FT	12
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	79
81000700	CONDUIT IN TRENCH, 2-1/2" DIA., GALVANIZED STEEL	FOOT	203
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	3
81000900	CONDUIT IN TRENCH, 3-1/2" DIA., GALVANIZED STEEL	FOOT	12
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	14
81018900	CONDUIT, PUSHED 4" DIA., GALVANIZED STEEL	FOOT	165
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	311
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	600
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,100
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,000
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	600
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	100
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
87700170	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	4
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4
X0323777	VIDEO VEHICLE DETECTION, 3 CAMERAS	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	600
XX005660	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C TWISTED SHIELDED	FOOT	500
XX006661	UNINTERRUPTIBLE POWER SUPPLY	EACH	1

* SPECIAL PROVISION REQUIRED

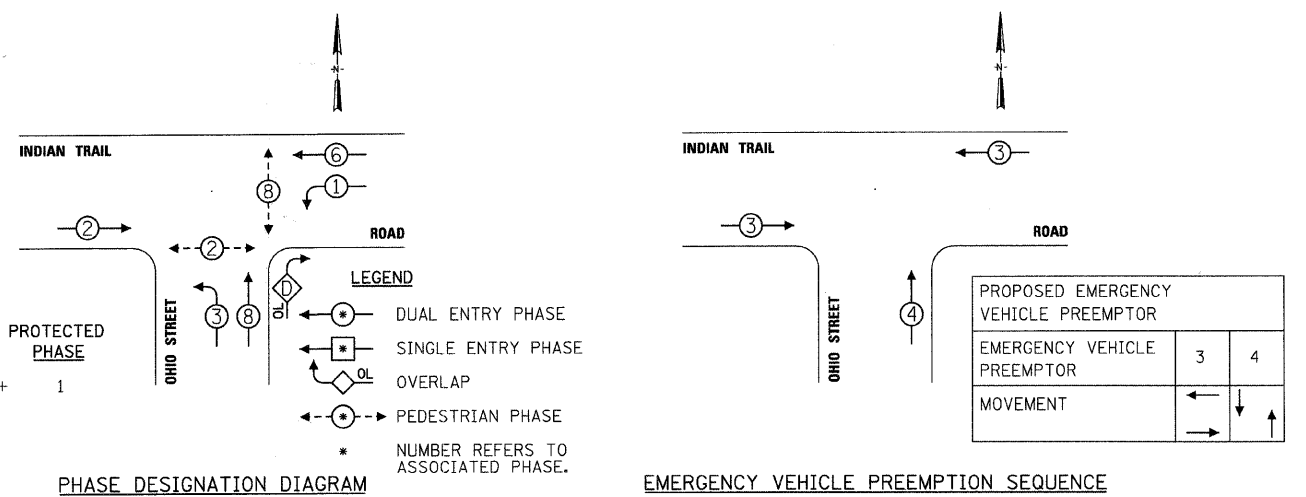
NOTES:

1. LIGHT DETECTOR CABLE SHALL BE 3/C NO. 20, TWISTED, SHIELDED.
2. CONFIRMATION BEACON CABLES SHALL BE 3/C NO. 14.
3. POWER AND SIGNAL CABLES FOR VIDEO DETECTION SHALL BE INCIDENTAL TO "VIDEO VEHICLE DETECTION" OF THE NUMBER OF CAMERAS SPECIFIED.
4. SEE LIGHTING PLANS FOR LUMINAIRE WIRING PLANS.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	9		17	0.50	76.5
(YELLOW)	9		25	0.25	56.3
(GREEN)	9		15	0.25	33.8
ARROW	4		12	0.10	4.8
PED. SIGNAL	4		25	1.00	100.0
CONTROLLER	1	100		1.00	100.0
VIDEO CAMERA	3	15		1.00	45.0
VIDEO BASE	1	26		1.00	26.0
UPS	1	50		1.00	50.0
TOTAL =					492

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONT. W/UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
D - CONTROLLER	4 (1.2)	SIGNAL POST	2 (1.0)		(6m+L-0.6m)±
E - M. ARM POLE		CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
	30" (750mm)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
	36" (900mm)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

OVERLAP LETTER PERMISSIVE PHASE PROTECTED PHASE
 D = 8 + 1



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN
 INDIAN TRAIL ROAD AND
 OHIO STREET

SCALE: VERT. 1"=20'
 HORIZ. 1"=20'

DATE 1/7/09

DRAWN BY KMA
 CHECKED BY TC/SBP

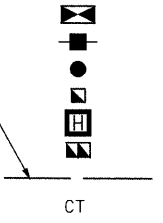


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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

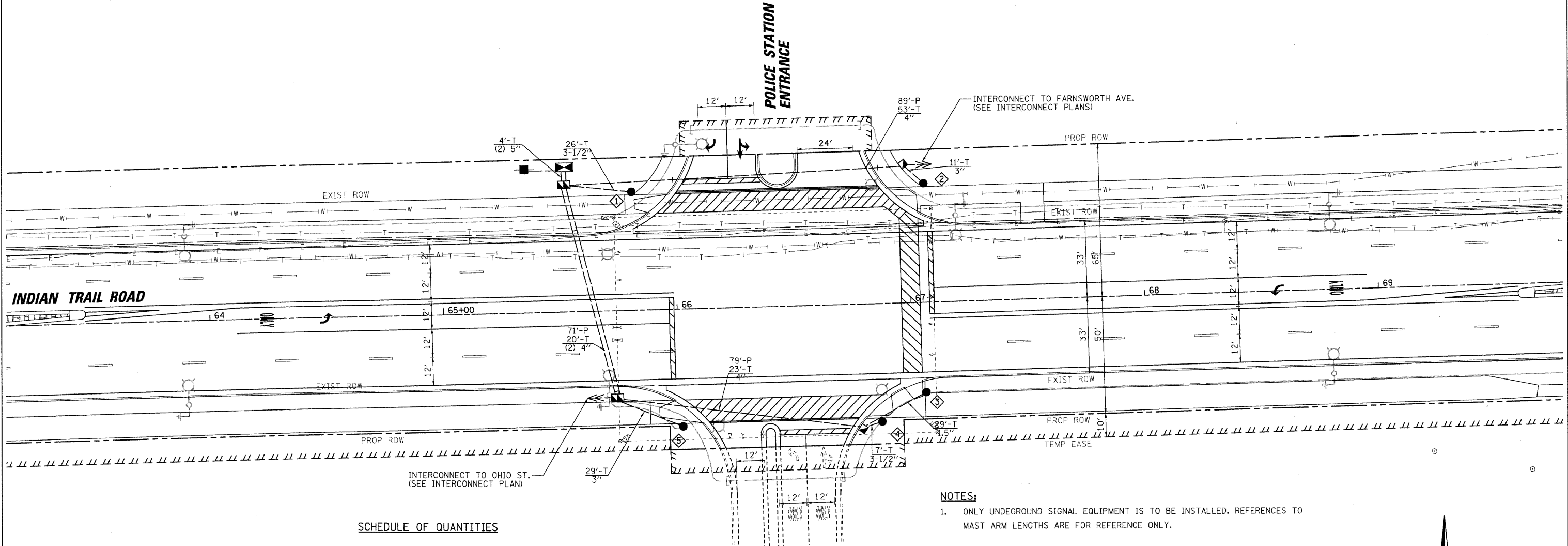
UNDERGROUND TRAFFIC SIGNAL EQUIPMENT LEGEND

- CONTROLLER (FOUNDATION)
- SERVICE INSTALLATION (FUTURE)
- SIGNAL POST / MAST ARM POLE FOUNDATION
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- CONDUIT
- COMMON TRENCH



SCHEDULE OF POSTS AND MAST ARMS

NO.	ITEM	STATION; OFFSET	FOUNDATION TYPE
1	STEEL COMBO. MAST ARM & POLE, 34'	65+81.76; 50.25' LT	TYPE E, 36" DIA.
2	STEEL COMBO. MAST ARM & POLE, 54'	67+06.81; 50.50' LT	TYPE E, 36" DIA.
3	PEDESTRIAN PUSH-BUTTON POST	67+05.49; 38.50' RT	PUSH-BUTTON POST
4	STEEL COMBO. MAST ARM & POLE, 34'	66+86.41; 50.50' RT	TYPE E, 36" DIA.
5	STEEL COMBO. MAST ARM & POLE, 24'	66+01.23; 50.25' RT	TYPE E, 36" DIA.

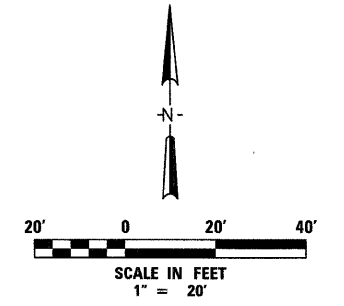


SCHEDULE OF QUANTITIES

IDOT CODE	DESCRIPTION	UNITS	QUANTITY
81000500	CONDUIT IN TRENCH, 1-1/2" DIA., GALVANIZED STEEL	FOOT	29
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	400
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	40
81000900	CONDUIT IN TRENCH, 3-1/2" DIA., GALVANIZED STEEL	FOOT	33
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	116
81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	8
81018900	CONDUIT, PUSHED 4" DIA., GALVANIZED STEEL	FOOT	239
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	626
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60

NOTES:

1. ONLY UNDERGROUND SIGNAL EQUIPMENT IS TO BE INSTALLED. REFERENCES TO MAST ARM LENGTHS ARE FOR REFERENCE ONLY.
2. CONDUIT OPENINGS AT THE TOP OF A FOUNDATION SHALL BE CAPPED.



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PLOT DATE = 1/5/2009
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 USER NAME = JUSER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

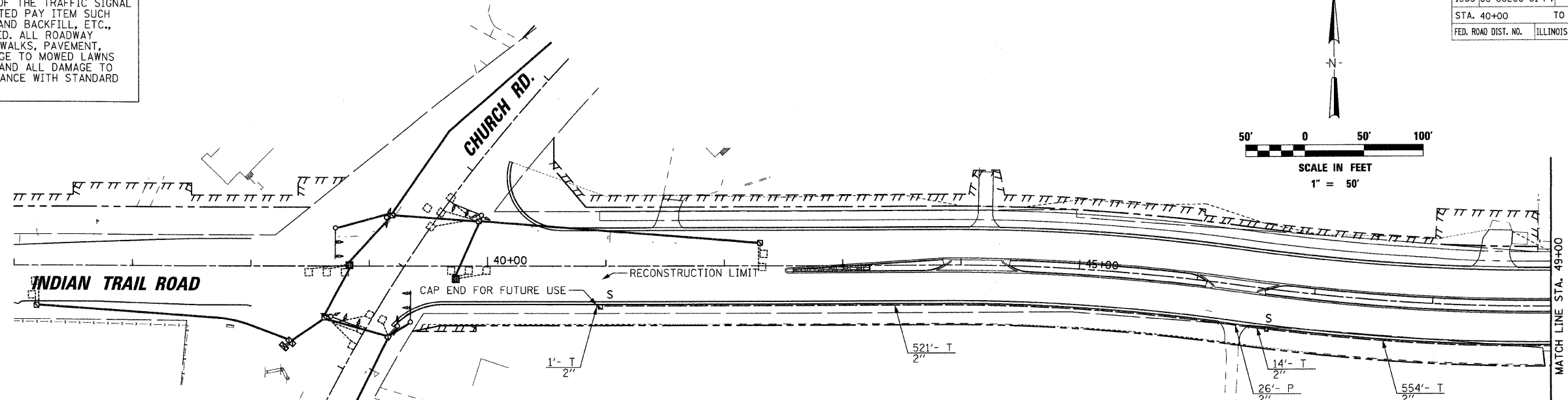
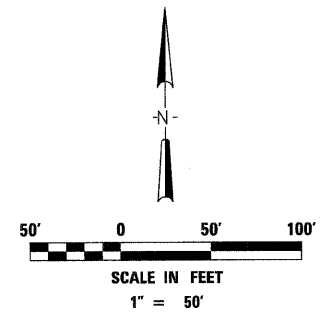
TRAFFIC SIGNAL FOUNDATION PLAN
INDIAN TRAIL ROAD AND
POLICE STATION

SCALE: VERT. 1"=20'
HORIZ. 1"=20'
DATE: 1/7/09

DRAWN BY: KMA
CHECKED BY: TC/SBP

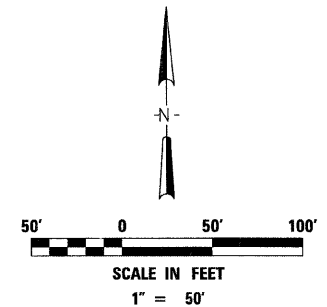
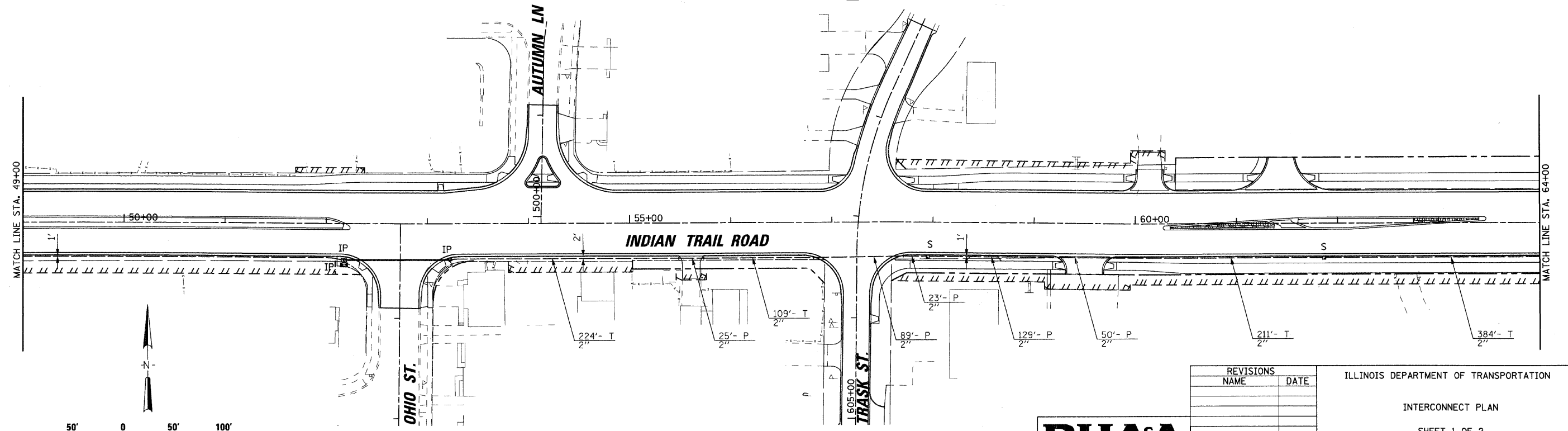
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	93
STA. 40+00		TO STA. 64+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER	■	■
HANDHOLE	□	□
HEAVY DUTY HANDHOLE	■	■
DOUBLE HANDHOLE	■	■
CONDUIT	—	—
DETECTOR LOOP	□	□
UNIT DUCT	U.D.	
SYSTEM	S	E.S.
INTERSECTION	IP	I



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCONNECT PLAN
 SHEET 1 OF 2

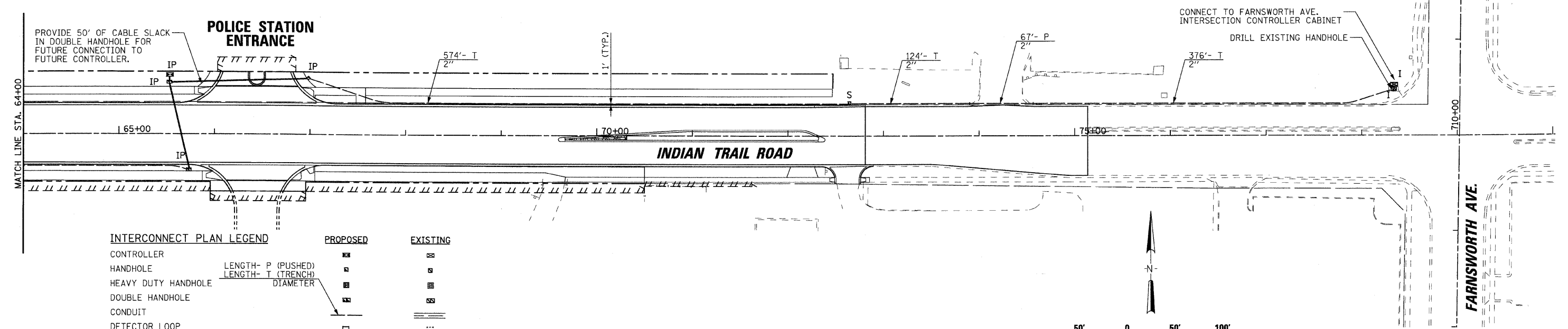


SCALE: VERT. 1"=50
 DATE 1/7/09
 DRAWN BY KMA
 CHECKED BY TC/SBP

PLOT DATE = 1/5/2009
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 USER NAME = JOEEL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	94
STA. 64+00		TO STA. 79+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

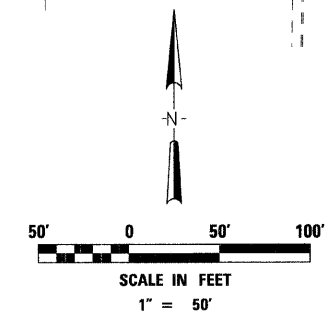
RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER	☒	☒
HANDHOLE	◻	◻
HEAVY DUTY HANDHOLE	◻	◻
DOUBLE HANDHOLE	◻	◻
CONDUIT	—	—
DETECTOR LOOP	◻	◻
UNIT DUCT	U.D.	
SYSTEM	S	E.S.
INTERSECTION	IP	I

LENGTH- P (PUSHED)
LENGTH- T (TRENCH)
DIAMETER



PLOT DATE = 1/5/2009
 FILE NAME = H:\m\er\120895.LTP\IN\G\119\AS\Signal.C.dgn
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 USER NAME = JUBER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERCONNECT PLAN

SHEET 2 OF 2

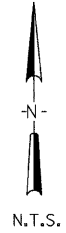
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HORIZ. 1"=50'
DATE 1/7/09

DRAWN BY KMA
CHECKED BY TC/SBP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	95
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INTERCONNECT SCHEMATIC LEGEND

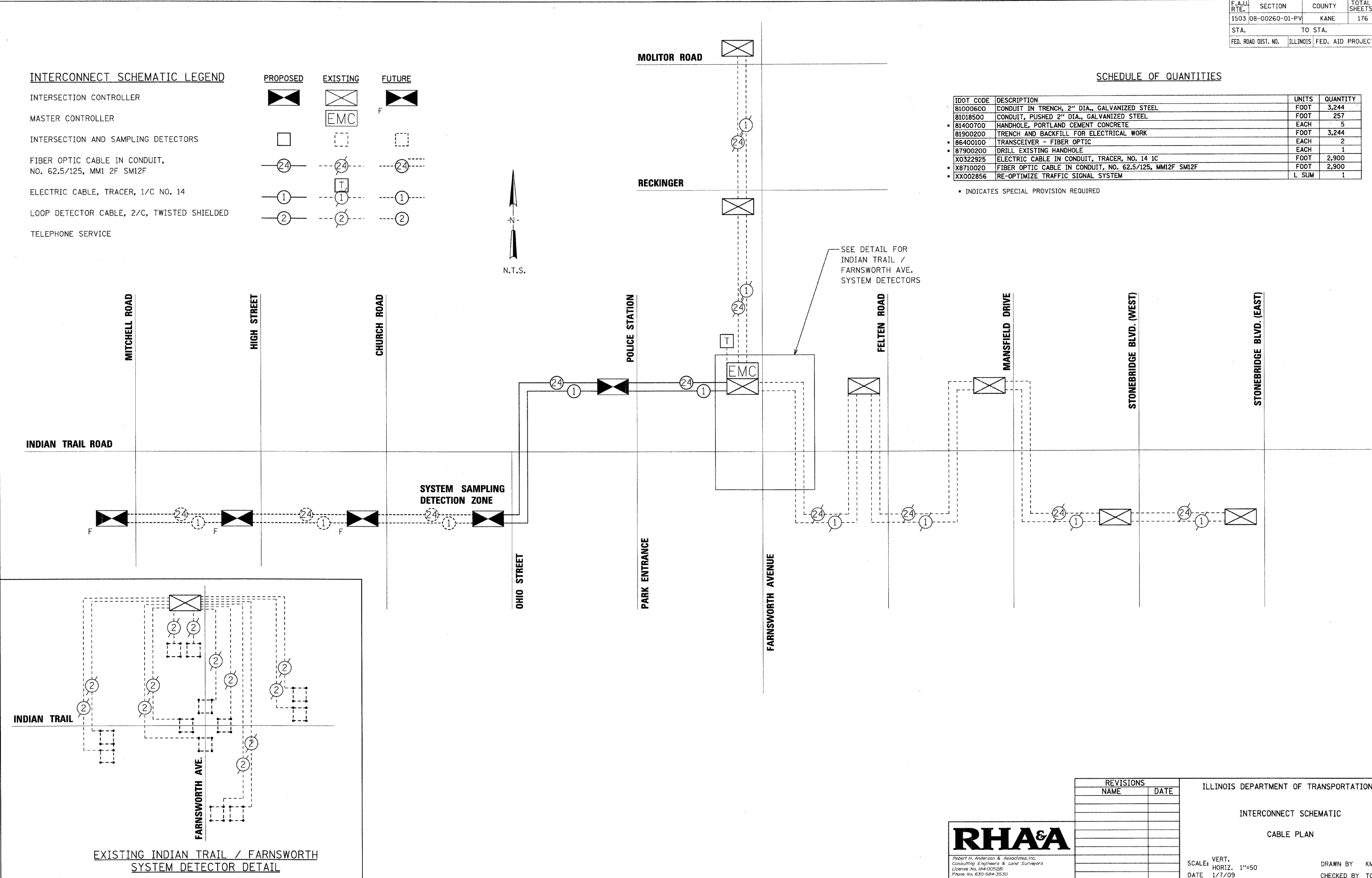
	PROPOSED	EXISTING	FUTURE
INTERSECTION CONTROLLER			
MASTER CONTROLLER			
INTERSECTION AND SAMPLING DETECTORS			
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM1 2F SM12F			
ELECTRIC CABLE, TRACER, 1/C NO. 14			
LOOP DETECTOR CABLE, 2/C, TWISTED SHIELDED			
TELEPHONE SERVICE			



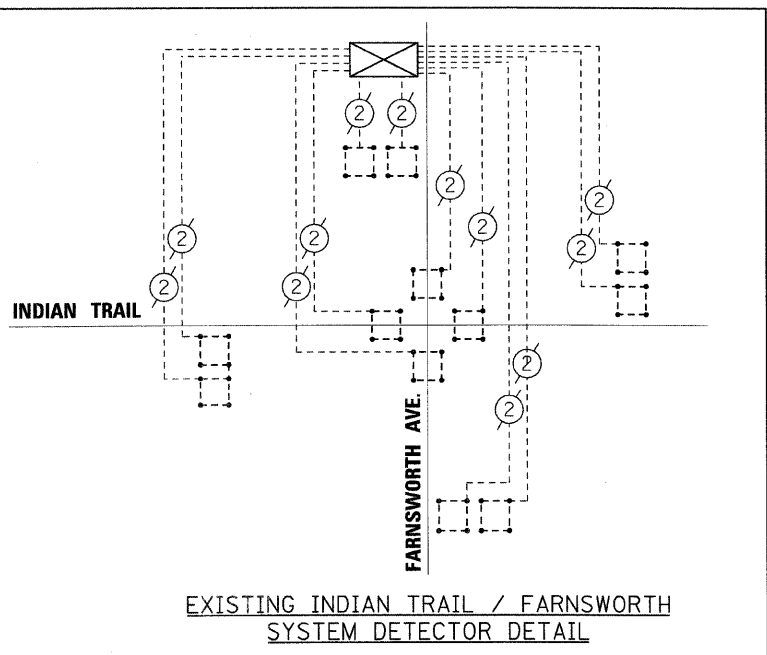
SCHEDULE OF QUANTITIES

IDOT CODE	DESCRIPTION	UNITS	QUANTITY
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	3,244
81018500	CONDUIT, PUSHED 2" DIA., GALVANIZED STEEL	FOOT	257
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3,244
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2
87900200	DRILL EXISTING HANDHOLE	EACH	1
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2,900
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	2,900
XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1

• INDICATES SPECIAL PROVISION REQUIRED



SEE DETAIL FOR INDIAN TRAIL / FARNSWORTH AVE. SYSTEM DETECTORS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCONNECT SCHEMATIC
 CABLE PLAN
 SCALE: VERT. 1"=50', HORIZ. 1"=50'
 DATE 1/7/09
 DRAWN BY KMA
 CHECKED BY TC/SBP

RHAA
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers & Land Surveyors
 License No. 084-005281
 Phone No. 630-584-3530

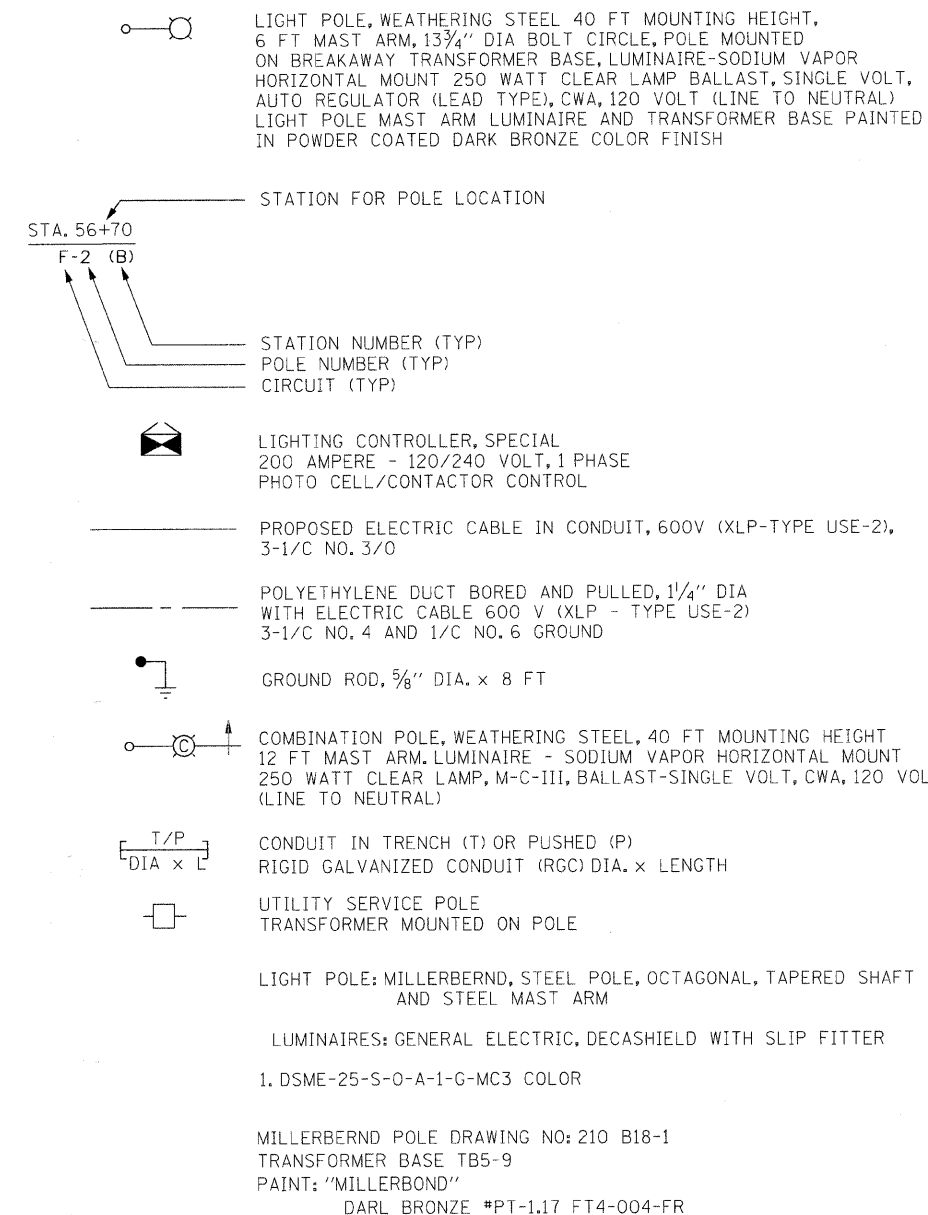
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 USER NAME = USERL

F.A. -- RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	96

BILL OF MATERIALS

PAY CODE	ITEM	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L. SUM	1
81000800	CONDUIT IN TRENCH, 3" DIA. GALVANIZED STEEL	FOOT	45
81018500	CONDUIT PUSHED, 4" DIA. GALVANIZED STEEL	FOOT	410
81702200	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0	FOOT	80
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	50
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	40
82500505	LIGHTING CONTROLLER SPECIAL	EACH	1
83062440	LIGHT POLE, WHEATHERING STEEL, 40 FT M.H. 6 FT MAST ARM	EACH	36
83600200	LIGHT POLE FOUNDATION	FOOT	224
83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	28
83800205	BREAKAWAY TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	36
	POLYETHYLENE DUCT BORED AND PULLED, 1/4" DIA. WITH ELECTRIC CABLE 600 V (XLP-TYPE USE), 3-1/C NO. 4 AND 1/C NO.6 GROUND	FOOT	6,290
	EXTERNAL LIGHT SHIELD	EACH	20

SYMBOLS



GENERAL NOTES

- WHERE SEPARATE CIRCUIT RUNS ARE TO BE INSTALLED PARALLEL WITH EACH OTHER, ONE COMMON TRENCH SHALL BE USED AND SHALL BE MEASURED ONLY ONCE FOR PAYMENT, AS TRENCH AND BACKFILL.
- THE CONTRACTOR SHALL CONSULT WITH RESIDENT ENGINEER IN THE FIELD, AND FINALIZED ALL EXISTING ROADWAY LIGHTING ITEMS.
- THE RESPONSIBILITY FOR COORDINATING FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS SHALL REMAIN WITH THE CONTRACTOR.
- THE CONTRACTOR SHALL SUBMIT FOR THE RESIDENT ENGINEER REVIEW, WITHIN 30 DAYS AFTER CONTRACT EXECUTION, EIGHT (8) COPIES OF APPROVABLE MANUFACTURER'S PRODUCT DATA AND DETAIL SHOP DRAWINGS TO THE ATTENTION CITY OF AURORA MR. DARYLL DEVICK, DEPARTMENT OF PUBLIC WORKS 44 EAST DOWNER PLACE AURORA IL. 60507
 THE LIST OF CATALOG CUTS AND SHOP DRAWINGS SHALL INCLUDE:
 a. TRENCH: ELECTRICAL WARNING TAPE
 b. FOUNDATION: CONCRETE MIX, RACEWAYS, ANCHOR BOLTS WITH NUTS & WASHERS.
 c. CONDUIT: CONDUIT AND CONDUIT FITTINGS, BONDING COMPOUND
 d. GROUND ROD: GROUND ROD, COPPER WIRE, EXOTHERMIC WELD.
 e. UNIT DUCT/CABLES
 f. ELECTRIC CABLES
 g. ELECTRIC TAPES, QUICK DISCONNECT, FUSE & LAMP.
 h. LIGHT POLE/ARM: DETAILS SHOP DRAWING, WIND LOAD CALCULATIONS
 i. LUMINAIRE: LUMINAIRE WITH BALLAST ASSEMBLY.
 j. LIGHTING CONTROLLER: CIRCUITRY DETAIL, CATALOG ON MATERIALS.
- ELECTRIC CABLE INSULATION SHALL BE FULLY PIGMENTED COLOR CODED . AS SPECIFIED
- FINISH PAINT:
 THE PAINT COLOR AND FINISH SHALL BE POWDER COATED FOR LIGHT POLE LUMINAIRE AND TRANSFORMER BASE THE OWNER SHALL APPROVE THE PAINT COLOR AND FINISH
- LIGHT POLE FOUNDATION HOLE:
 EACH HOLE FOR THE FOUNDATIONS SHALL BE INSPECTED BY THE RESIDENT ENGINEER PRIOR TO POURING CONCRETE FOUNDATIONS.
- THE CONTRACTOR SHALL SUBMIT FOUR (4) SETS OF FULL SIZED COMPLETE, NEAT AND ACCURATE "RECORD DRAWINGS" TO THE ENGINEER FOR REVIEW AND COMMENT, AS SPECIFIED. THE "RECORD DRAWINGS" SHALL BE UPDATED ON REGULAR BASIS AND DEPICT ALL ROADWAY LIGHTING MATERIAL INSTALLATIONS WITH ANY CHANGES INDICATED IN RED. "RECORD DRAWINGS" SHALL BE SUBMITTED AT LEAST 7 DAYS BEFORE SCHEDULING A FINAL INSPECTION.
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AT (1-800-892-0123) TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF AURORA AT (630) 208-1501 TO LOCATE AND MARK/STAKE ALL CITY OWNED UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL GIVE IN WRITING TO THE ENGINEER FOR REVIEW, CONSTRUCTION STAGING FOR THE PROPOSED ROADWAY LIGHTING WORK, AND THE CONTRACTOR SHALL OBTAIN PRIOR WRITTEN APPROVAL FROM THE RESIDENT ENGINEER.
- THE LIGHT POLE SETBACK :
 3'-6" FROM THE BACK OF CURB TO THE FACE OF FOUNDATION
- RESTORATION OF PARKWAY AND PROJECT SITE SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL CHISEL ARROWS LOCATING ALL CONDUIT CROSSINGS ACROSS ROADWAYS. THE CHISEL MARKS SHALL BE ON THE CURB.
- THE CONTRACTOR SHALL COMPLY WITH ALL LATEST IDOT, IES, NEC AND LOCAL CODES AND ORDINANCES.
- ALL UNIT DUCT SHALL BE INSTALLED USING THE BORE AND PULL METHOD. ALL BORING SHALL BE AT A MINIMUM DEPTH OF 30" BELOW EXISTING GRADES.
- ALL STREET CROSSINGS SHALL HAVE GALVANIZED STEEL CONDUIT OF THE SIZE INDICATED PUSHED BENEATH THEM. PAYMENT SHALL BE LIMITED TO THE ACTUAL WIDTH PLUS TWO FEET (2') ON EACH SIDE. THE COST FOR PULLING THE UNIT DUCT THROUGH THE CONDUIT SHALL BE INCLUDED IN THE UNIT PRICE FOR PUSHING THE GALVANIZED STEEL CONDUIT.
- THE CONTRACTOR SHALL MAINTAIN, THE EXISTING LIGHTING SYSTEM IN OPERATION, DURING THE CONSTRUCTION PHASE OF PROPOSED LIGHTING. REMOVAL OF EXISTING LIGHTING SYSTEM SHALL BE COORDINATED WITH THE CITY OF AURORA, THE CONTRACTOR SHALL GIVE IN WRITING TO THE ENGINEER FOR REVIEW, REMOVAL STAGING FOR THE EXISTING LIGHTING SYSTEM. ANY TEMPORARY ELECTRICAL INSTALLATION FOR LIGHTING SHALL BE REVIEWED BY THE ENGINEER. THE COST OF TEMPORARY ELECTRICAL INSTALLATION SHALL BE INCIDENTAL OF THE CONTRACT.
- ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE U/L LISTED AND LABELED.
- THE CONTRACTOR SHALL INSTALL EXTERNAL LIGHT SHIELD ON LUMINAIRE IN FIELD, AS DIRECTED BY THE ENGINEER,

ELECTRICAL ENGINEER

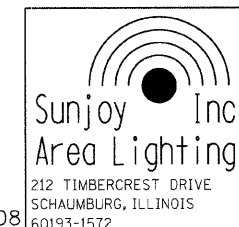


PROJECT DRAWINGS #E-1 TO #E-11
 ARE PREPARED BY SUNJOY INC.

REVISED 08-15-08

NOTE:

THE MATERIALS AND WORK FOR THIS PROJECT SHALL CONFORM TO THE LATEST NEC AND APPLICABLE STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS. ADOPTED IN 2007 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

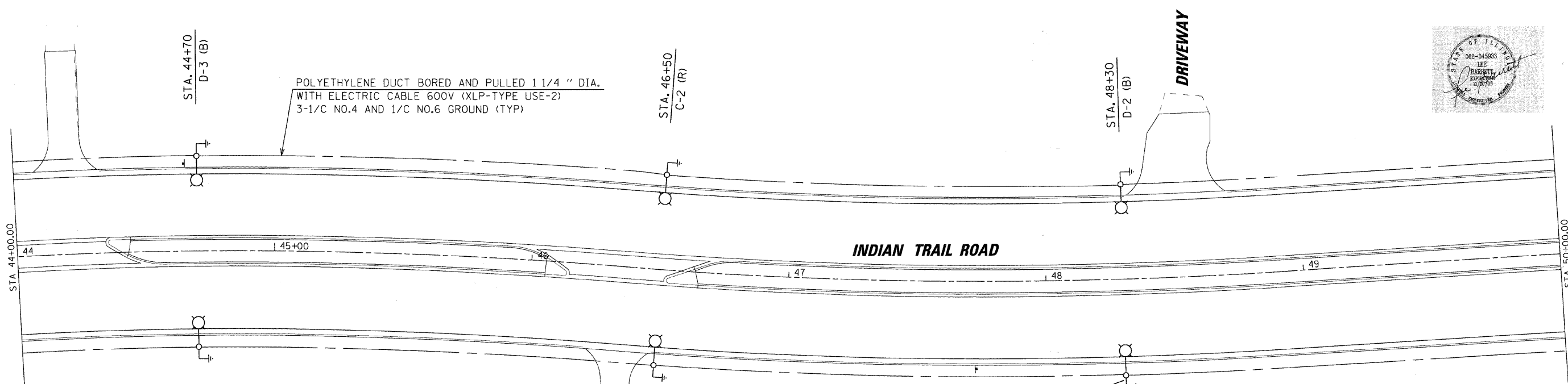
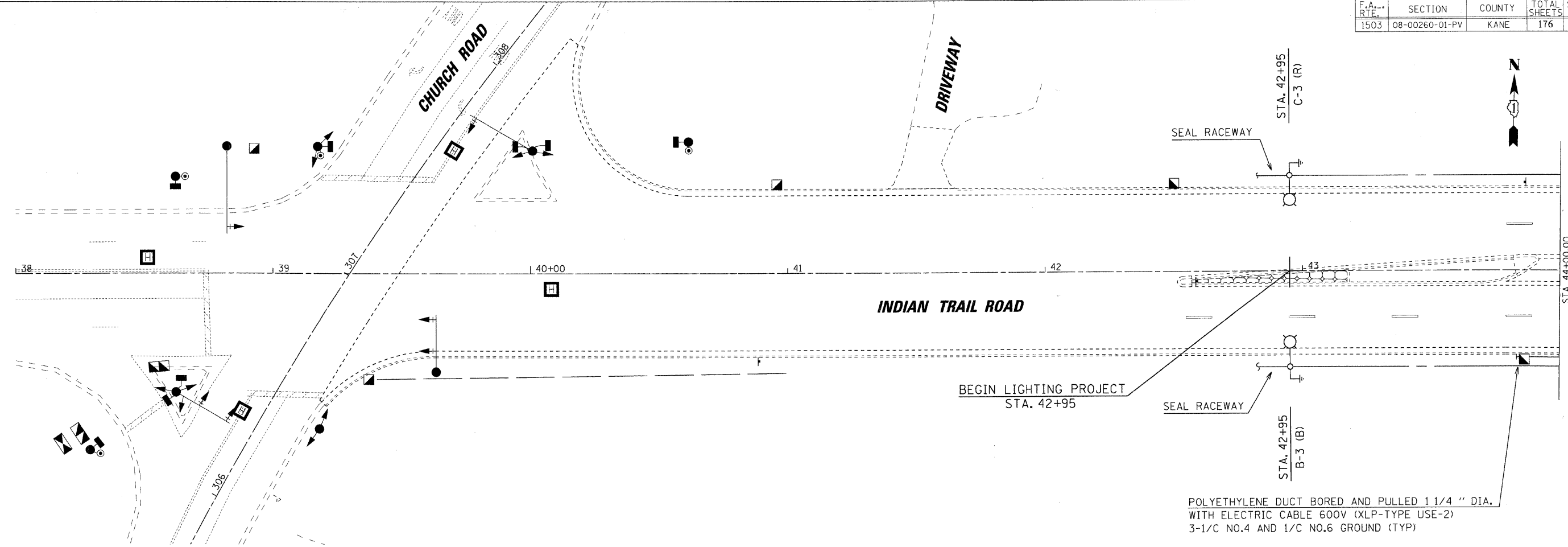


ILLINOIS DEPARTMENT OF TRANSPORTATION
CITY OF AURORA, KANE COUNTY
INDIAN TRAIL ROAD
BILL OF MATERIALS, SYMBOLS
& GENERAL NOTES

SCALE:
 DATE: 06-03-08

DRAWN BY HKO
 CHECKED BY JS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	97



SDATES: SFILFS



REVISED 06-30-08

Sunjoy Inc.
Area Lighting
212 TIMBERCREST DRIVE
SCHAUMBURG, ILLINOIS
60193-1572

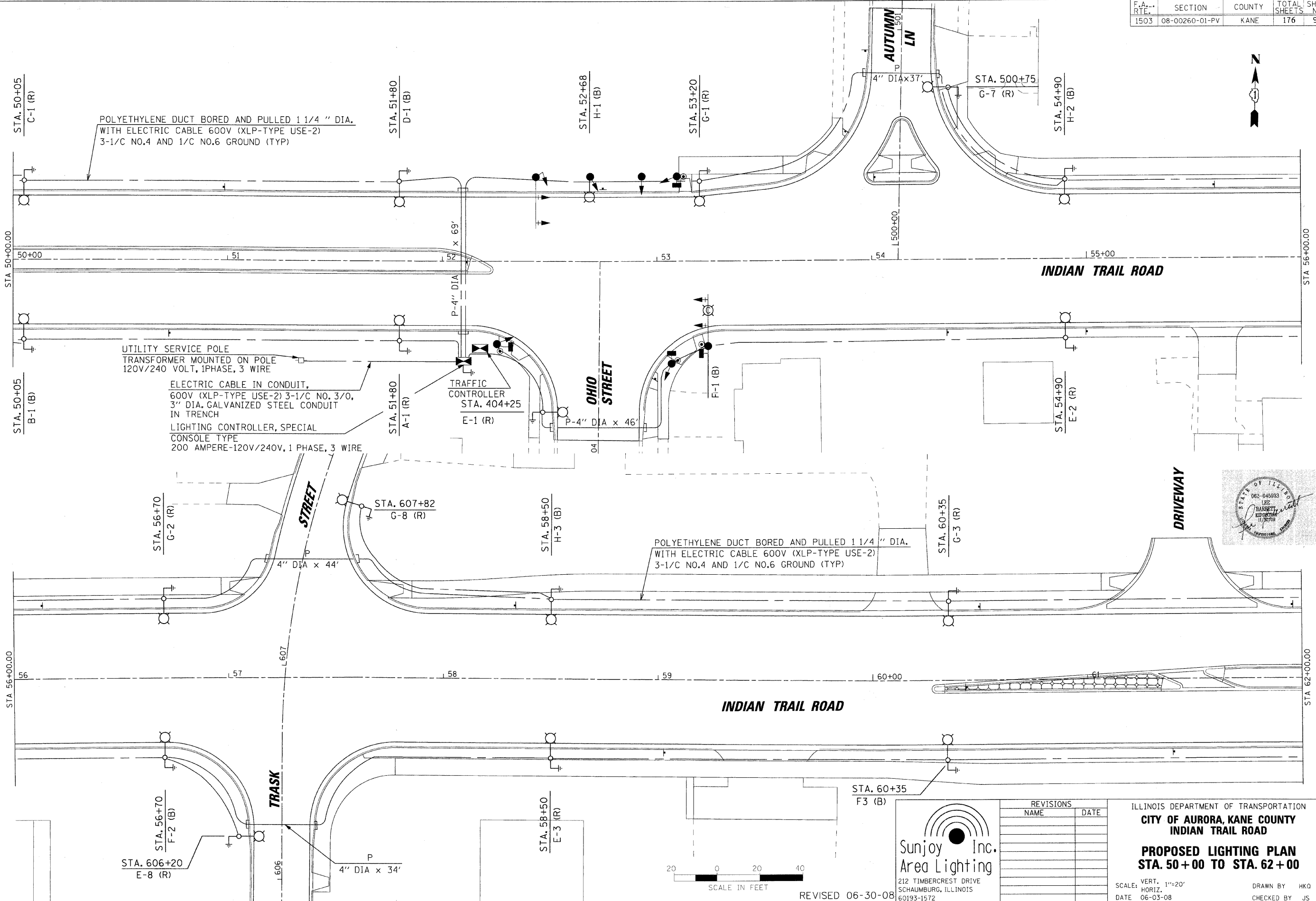
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CITY OF AURORA, KANE COUNTY
INDIAN TRAIL ROAD
PROPOSED LIGHTING PLAN
STA. 42+95 TO STA. 50+00

SCALE: VERT. 1"=20'
HORIZ. DATE 06-03-08

DRAWN BY HKQ
CHECKED BY JS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	98



POLYETHYLENE DUCT BORED AND PULLED 1 1/4" DIA.
WITH ELECTRIC CABLE 600V (XLP-TYPE USE-2)
3-1/C NO.4 AND 1/C NO.6 GROUND (TYP)

UTILITY SERVICE POLE
TRANSFORMER MOUNTED ON POLE
120V/240 VOLT, 1PHASE, 3 WIRE

ELECTRIC CABLE IN CONDUIT,
600V (XLP-TYPE USE-2) 3-1/C NO. 3/0,
3" DIA. GALVANIZED STEEL CONDUIT
IN TRENCH

LIGHTING CONTROLLER, SPECIAL
CONSOLE TYPE
200 AMPERE-120V/240V, 1 PHASE, 3 WIRE

TRAFFIC CONTROLLER
STA. 404+25
E-1 (R)

POLYETHYLENE DUCT BORED AND PULLED 1 1/4" DIA.
WITH ELECTRIC CABLE 600V (XLP-TYPE USE-2)
3-1/C NO.4 AND 1/C NO.6 GROUND (TYP)



Sunjoy Inc.
Area Lighting
212 TIMBERCREST DRIVE
SCHAUMBURG, ILLINOIS
60193-1572

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CITY OF AURORA, KANE COUNTY
INDIAN TRAIL ROAD

PROPOSED LIGHTING PLAN
STA. 50+00 TO STA. 62+00

SCALE: VERT. 1"=20'
HORIZ. 1"=40'
DATE 06-03-08

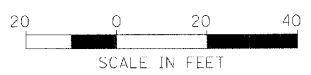
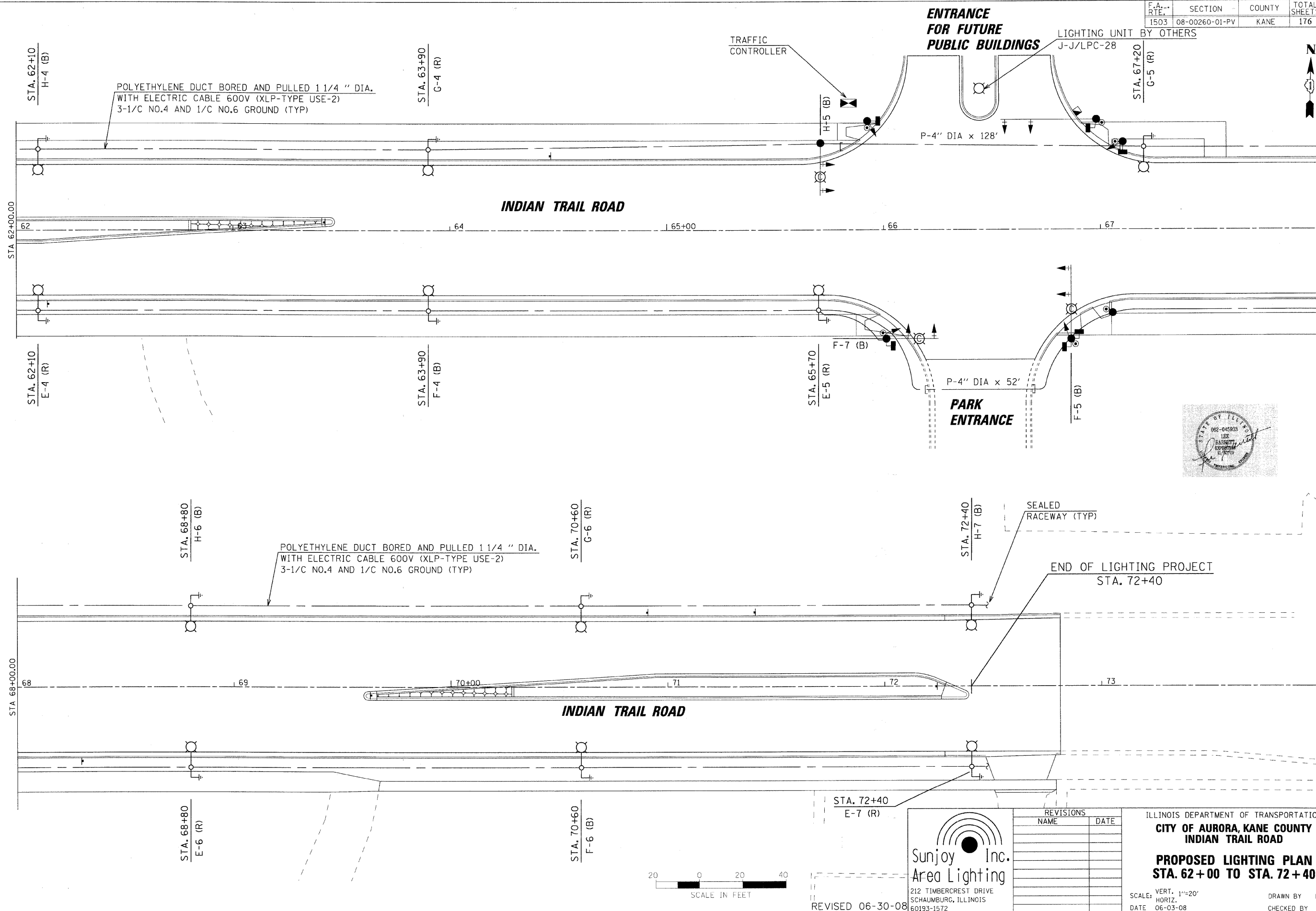
DRAWN BY HKO
CHECKED BY JS

REVISED 06-30-08

SFILES

SDATES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	99



Sunjoy Inc.
Area Lighting
212 TIMBERCREST DRIVE
SCHAUMBURG, ILLINOIS
60193-1572

REVISED 06-30-08

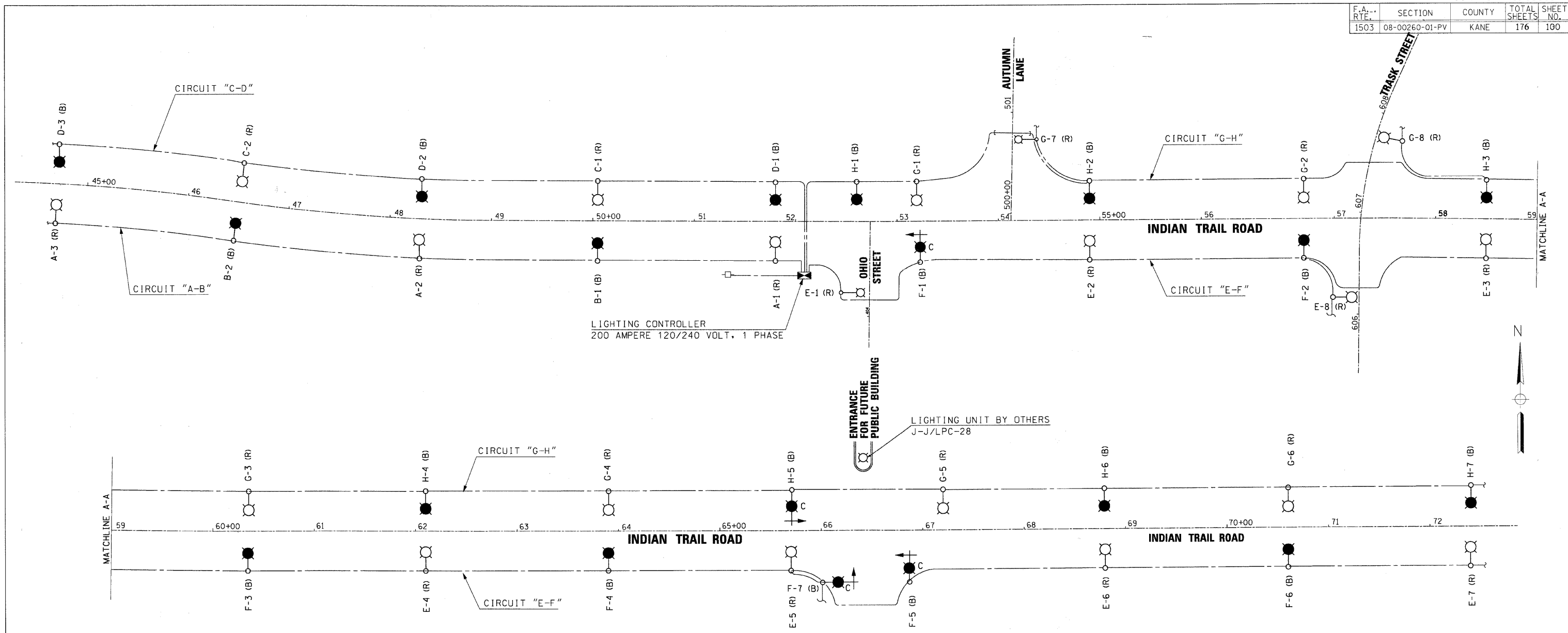
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CITY OF AURORA, KANE COUNTY
INDIAN TRAIL ROAD
PROPOSED LIGHTING PLAN
STA. 62+00 TO STA. 72+40

SCALE: VERT. 1"=20'
HORIZ. 1"=40'
DATE 06-03-08

DRAWN BY HKD
CHECKED BY JS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1503	08-00260-01-PV	KANE	176	100



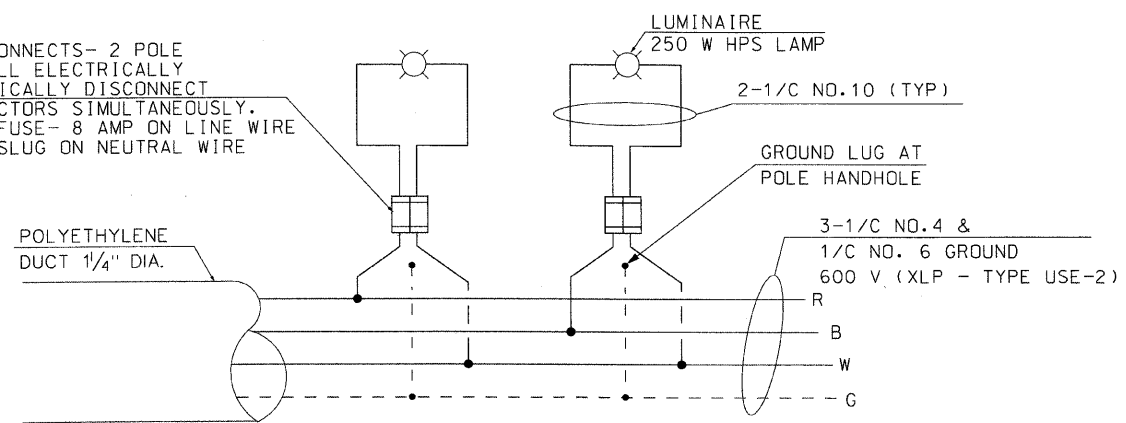
LIGHTING CONTROLLER
200 AMPERE 120/240 VOLT, 1 PHASE

LIGHTING UNIT BY OTHERS
J-J/LPC-28

LEGEND

- LUMINAIRE MOUNTED ON COMBINATION POLE
- LUMINAIRE ON RED CABLE CIRCUIT
- LUMINAIRE ON BLACK CABLE CIRCUIT
- LIGHTING CONTROLLER
200 AMP - 120/240 VOLT, 1 PHASE
- FUSE, 8 AMPERE / SOLID SLUG
- 3 1/C #4 & 1/C #6 GND
600 V (XLP - TYPE USE-2)
- CONNECTION

QUICK DISCONNECTS- 2 POLE
DEVICE SHALL ELECTRICALLY
AND MECHANICALLY DISCONNECT
BOTH CONDUCTORS SIMULTANEOUSLY.
SLOW BLOW FUSE- 8 AMP ON LINE WIRE
AND SOLID SLUG ON NEUTRAL WIRE



CIRCUIT DETAILS TYP.

CIRCUIT LOAD
CONTROLLER 120/240 VOLT PHASE

CIRCUIT RED	AMPERE @120 V	WATTS	CIRCUIT BLACK	AMPERE @120 V	WATTS
A	7.5	936	B	5.0	624
C	5.0	624	D	7.5	936
E	20.0	2,496	F	17.5	2,184
G	20.0	2,496	H	17.5	2,184
SPARE			SPARE		
SPARE			SPARE		
TOTAL	52.50	6,552	TOTAL	47.50	5,928



Sunjoy Inc.
Area Lighting
212 TIMBERCREST DRIVE
SCHAUMBURG, ILLINOIS
60193-1572

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CITY OF AURORA, KANE COUNTY
INDIAN TRAIL ROAD
ONE LINE CIRCUIT DIAGRAM

SCALE: VERT. _____
HORIZ. _____
DATE 06-03-08

DRAWN BY HKO
CHECKED BY JS

REVISED 06-30-08