

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED FEDERAL AID PROJECT
F.A.U. ROUTE 0121 (VIRGINIA ROAD)
JAMES R. RAKOW ROAD TO IL ROUTE 31
SECTION NO. 09-00362-00-PV
PROJECT NO. M-9003(255)
JOB NO. C-91-375-09
ROADWAY RECONSTRUCTION
MCHENRY COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	MCHENRY	54	1
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT NO. 63195		

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LOCATION OF SECTION INDICATED THUS: - [thick black line] -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED MAY 26 2009
Joseph R. Kowalski Jr.
 COUNTY ENGINEER, MCHENRY COUNTY

PASSED JULY 16 2009
C. Holt
 DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

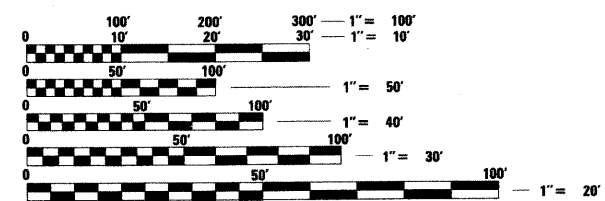
RELEASED FOR BID BASED ON LIMITED REVIEW JULY 16, 2009
Diana M. O'Keefe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

PLANS PREPARED BY:

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ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH, P.E. (847) 705-4169

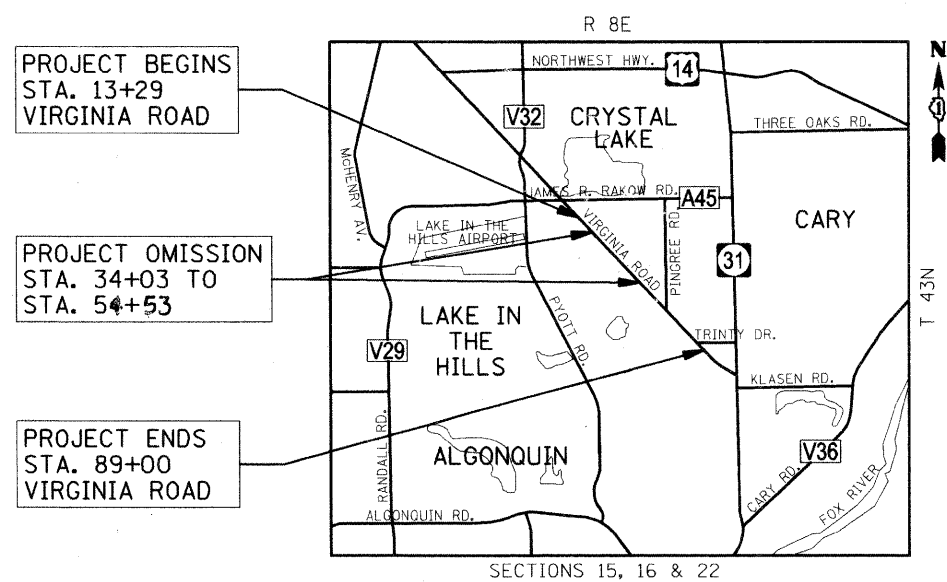


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER
PROJECT MANAGER

CONTRACT NO. 63195



PROJECT BEGINS
 STA. 13+29
 VIRGINIA ROAD

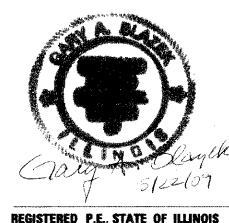
PROJECT OMISSION
 STA. 34+03 TO
 STA. 54+53

PROJECT ENDS
 STA. 89+00
 VIRGINIA ROAD

ALGONQUIN TOWNSHIP
 LOCATION MAP
 NOT TO SCALE

PROJECT LENGTH:
 VIRGINIA ROAD:
 - PROJECT LENGTH (GROSS) 7,571 FT (1.43 MILE)
 - PROJECT LENGTH (NET) 5,521 FT (1.05 MILE)
 - TOTAL CONSTRUCTION PROJECT LENGTH (NET & GROSS) 5,521 FT (1.05 MILE)

DESIGN DESIGNATIONS
 RURAL COLLECTOR
 ADT = 9,000 VPD
 POSTED SPEED LIMIT = 45 MPH



11/30/09
 EXPIRES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2007 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", (SSTCI). "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE DETAILS IN THE PLANS, AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)"
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET AND APPROPRIATE PERMITS HAVE BEEN OBTAINED FROM THE MCHENRY COUNTY DIVISION OF TRANSPORTATION, THE VILLAGE OF CRYSTAL LAKE, AND THE VILLAGE OF LAKE-IN-THE-HILLS.
- ALL UTILITY COMPANIES, SCHOOL DISTRICTS, AND LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

STAKING

- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE COUNTY, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
- ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON U.S.G.S. DATUM.
- THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.

PAVING, SHOULDERS AND CURB & GUTTER

- THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER AND SHOULDER AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING REMOVED.

THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED AND ANY ADDITIONAL WORK, INCLUDING REMOVAL AND REPLACEMENT, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE THICKNESS OF THE EXISTING PAVEMENT AND WHETHER OR NOT IT CONTAINS REINFORCEMENT.
- HOT-MIX ASPHALT BASE COURSE AND BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER OR CONCRETE SHOULDER UNTIL THE CURB AND GUTTER OR CONCRETE SHOULDER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.

UTILITIES

- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS." THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE COUNTY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.
- COORDINATION OF ANY UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
- WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT.
- ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE VILLAGE.
- THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS AND WATER MAINS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT OR RELOCATION OF THEIR FACILITIES, IF NECESSARY.
- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.

ROADWAY EXCAVATION

- ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO THE PLACEMENT OF GRANULAR SUB-BASE OR EMBANKMENT.
- ALL EXCESS MATERIAL (BROKEN CONCRETE, SEWER PIPE, WASTE ROADWAY EXCAVATION AND SURPLUS MATERIAL FROM SEWER TRENCHES) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "EARTH EXCAVATION."
- POROUS GRANULAR EMBANKMENT, SUBGRADE AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."

STORM SEWERS & CULVERT

- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
- UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE. PRIOR TO COMMENCING WORK THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE PROPOSED CONSTRUCTION LIMITS.

DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL SO INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF THE NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK AND PAYMENT SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS.
- 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. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON ANY CATCH BASINS OR MANHOLES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
- TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
- DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE ROAD. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
- ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ANY TEMPORARY DAMMING OR PUMPING REQUIRED FOR THE EXCAVATIONS FOR THE STORM SEWER OR CULVERT CONNECTIONS SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR CULVERT BEING CONSTRUCTED.

FILE NAME = j:\2211\oad\sheet\2211-sht-gen notes.dgn	USER NAME = a-a	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.U. RTE. 0121	SECTION 09-00362-00-PV	COUNTY MCHENRY	TOTAL SHEETS 54	SHEET NO. 2
	PLOT SCALE = 1:8000 / 1 IN.	DRAWN - ARA	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 63195			
	PLOT DATE = 5/27/2009	CHECKED - GAB	REVISED -									
		DATE - 5-28-09	REVISED -									

SIGNING, STRIPING & LANDSCAPING

- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONTRACTOR'S WORK SHALL BE REMOVED, A RECORD MADE OF THEIR CONDITION, AND SAFELY STORED AND SAFEGUARDED BY THE CONTRACTOR UNTIL THE ENGINEER DETERMINES THAT THEY BE REINSTALLED IN THE PERMANENT LOCATIONS.
- IMMEDIATELY AFTER EACH SIGN IS REMOVED, A TEMPORARY SIGN OF THE SAME TYPE SHALL BE INSTALLED ON A SIGN SUPPORT APPROVED BY, AND AT A LOCATION DETERMINED BY, THE ENGINEER. THESE SIGNS SHALL BE MAINTAINED STRAIGHT AND CLEAN UNTIL THE PERMANENT SIGNS ARE REINSTALLED.
- ANY SIGN WHICH IS DAMAGED DURING THE TIME IT IS STORED SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT HIS OWN EXPENSE PRIOR TO PERMANENT REINSTALLATION.
- ALL UNUSED SIGNS AND POSTS SHALL BE RETURNED TO THE JURISDICTION FROM WHICH IT WAS REMOVED: MCHENRY COUNTY DIVISION OF TRANSPORTATION, VILLAGE OF CRYSTAL LAKE OR THE VILLAGE OF LAKE IN THE HILLS.
- THE COST OF STORING AND SAFEGUARDING THE PERMANENT SIGNS AND POSTS, AND REINSTALLING THE PERMANENT SIGNS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "RELOCATE SIGN PANEL ASSEMBLY" OF THE TYPE SPECIFIED. NEW SIGN SUPPORTS SHALL BE USED FOR REINSTALLED SIGNS UNLESS OTHERWISE NOTED. FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE TEMPORARY SIGNS SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION ITEMS. THE NEW SUPPORTS SHALL BE PAID FOR AS "TELESCOPING STEEL SIGN SUPPORT."
- ALL SIGNS ON THE COUNTY HIGHWAY AND WITHIN THE COUNTY HIGHWAY RIGHT-OF-WAY SHALL CONFORM WITH IMUTC, INCLUDE DIAMOND GRADE DG3 REFLECTIVE SHEETING AND BE INSTALLED ON 2" GS TELESCOPING POSTS WITH GS WINGED SOIL ANCHORS.

EROSION CONTROL

- ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
- THE MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS.
- ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
- ALL SLOPES SHALL BE COVERED WITH SEED AS SOON AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED. THE LIMITS OF THE SEEDING SHALL BE THE LIMITS OF GRADING.
- ALL DISTURBED AREAS SHALL BE SEEDED AS SHOWN ON THE LANDSCAPING PLANS AND/OR THE EROSION AND SEDIMENT CONTROL PLANS WITHIN SEVEN (7) DAYS AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED.
- ALL SLOPES 3:1 OR STEEPER SHALL BE SEEDED IMMEDIATELY AND COVERED WITH EROSION CONTROL BLANKET. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION AND WHERE NO FURTHER WORK IS TO OCCUR FOR ONE (1) WEEK OR MORE SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING AND COVERED WITH MULCH METHOD 2 WITHIN SEVEN (7) CALENDAR DAYS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 02-60.
- SEE STANDARD 280001-04 FOR ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL DETAILS AND REQUIREMENTS.

MISCELLANEOUS

- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- SITE OBJECTS: REMOVAL OF MISCELLANEOUS PARKWAY IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BLOCK RETAINING WALLS, CONCRETE RETAINING WALLS, LANDSCAPE ROCKS, FENCES, FENCE POSTS, PLANTERS, VEGETATION, BRICK OR BRICK PAVER WALKWAYS WITHIN R.O.W. LIMITS SHALL BE INCIDENTAL TO THE PAY ITEM FOR "EARTH EXCAVATION."
- UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT CROSS COMPLETED BINDER COURSE, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT. ANY DAMAGED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE COUNTY.

MAINTENANCE OF TRAFFIC GENERAL NOTES

- TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
- ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
- BARRICADES WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT ALL BARRICADES SHALL HAVE MONO-DIRECTIONAL STEADY-BURN LIGHTS. SPACING SHALL BE AS SHOWN ON THE STANDARDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901-01.
- ALL BARRICADES AT LANE DIVERSIONS WITHIN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS.
- BARRICADES EQUIPPED WITH ONE-WAY FLASHING LIGHTS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR LAW ENFORCEMENT AGENCIES. BARRICADES SHALL BE PLACED AT 50' CENTERS ALONG TANGENTS, 25' ALONG TAPERS AND 10' AROUND RADII.
- DRUMS SHALL HAVE ALTERNATING REFLECTORIZED TYPE AA OR TYPE AP FLUORESCENT ORANGE AND REFLECTORIZED WHITE HORIZONTAL, CIRCUMFERENTIAL STRIPES.
- DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 AND THE SPECIAL PROVISION "WORK ZONE TRAFFIC CONTROL DEVICES".
- TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901-01 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT. A MINIMUM OF TWO TYPE III BARRICADES WITH ROAD CLOSED SIGNS, R11-2 SHALL BE PLACED AT EACH OF THE FOLLOWING LOCATIONS: THE NORTH END OF VIRGINIA ROAD, THE NORTH SIDE OF PINGREE ROAD (ON VIRGINIA ROAD), AND THE NORTH SIDE AT TRINITY DRIVE (ON VIRGINIA ROAD). BARRICADES SHALL BE REMOVED WHEN VIRGINIA ROAD IS OPENED TO TRAFFIC. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
- EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED.
- THE FIRST WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
- EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- TEMPORARY LANE CLOSURES WILL BE ALLOWED ONLY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M., WITH TRAFFIC MAINTAINED IN ACCORDANCE WITH STANDARD 701501-05 UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION PRIOR TO CLOSING ANY LANES.
- "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.
- "FRESH OIL" SIGNS (W21-2-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING ALONG VIRGINIA ROAD BETWEEN ROUTE 31 AND RAKOW ROAD. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES, AND SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)". QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS ARE NOT INCLUDED IN "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND SHALL BE MEASURED SEPARATELY FOR PAYMENT.

IDOT STANDARDS

000001-5	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-4	TEMPORARY EROSION CONTROL SYSTEMS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
601001-3	SUB-SURFACE DRAINS
601101-1	CONCRETE HEADWALL FOR PIPE DRAINS
602001-01	CATCH BASIN TYPE A
602301-02	INLET, TYPE A
602401-02	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	CAST IRON STEPS
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE, TYPE B
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-03	OFF-ROAD OPERATIONS, 2L 2W, 15' TO 24' FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L 2W, DAY ONLY, SPEEDS > OR = 45 MPH
701301-03	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701326-03	LANE CLOSURE, 2L 2W, PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE, FOR SPEEDS < 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIERS
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS

FILE NAME =	USER NAME = a-a	DESIGNED - RJD	REVISED -
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	PLOT SCALE = 1:8000 / 1 IN.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	MCHENRY	54	3
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT: M-9003(255)	
CONTRACT NO. 63195				

SUMMARY OF QUANTITIES

#	Coded Pay Item Number	Pay Item	Unit	ESTIMATED QUANTITIES	CONSTRUCTION TYPE CODE	
					ROADWAY 1000-2A	MINOR STRUCTURES Y007
1	20101100	TREE TRUNK PROTECTION	EACH	1	1	
2	20200100	EARTH EXCAVATION	CU YD	16,760	16,760	
3	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	100	
4	20400800	FURNISHED EXCAVATION	CU YD	620	620	
5	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	100	100	
6	20800150	TRENCH BACKFILL	CU YD	225	225	
7	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	220	220	
8	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	10,100	10,100	
9	25000210	SEEDING, CLASS 2A	ACRE	2.00	2.00	
10	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	190	190	
11	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	190	190	
12	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	190	190	
13	25100115	MULCH, METHOD 2	ACRE	2.00	2.00	
14	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	10,100	10,100	
15	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	210	210	
16	28000300	TEMPORARY DITCH CHECKS	EACH	60	60	
17	28000310	AGGREGATE DITCH CHECKS	EACH	10	10	
18	28000400	PERIMETER EROSION BARRIER	FOOT	4,500	4,500	
19	28000510	INLET FILTERS	EACH	6	6	
20	28100105	STONE RIPRAP, CLASS A3	SQ YD	66		66
21	28200200	FILTER FABRIC	SQ YD	66		66
22	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	8,300	8,300	
23	40600300	AGGREGATE (PRIME COAT)	TON	95	95	
24	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	785	785	
25	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	12,180	12,180	
26	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2,885	2,885	
27	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,320	2,320	
28	44000100	PAVEMENT REMOVAL	SQ YD	21,280	21,280	
29	48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	3,580	3,580	
30	50105220	PIPE CULVERT REMOVAL	FOOT	300		300
31	542A1060	PIPE CULVERT, CLASS A, TYPE 2, 15"	FOOT	310		310
32	542A1063	PIPE CULVERT, CLASS A, TYPE 2, 18"	FOOT	217		217
33	542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	60		60
34	54209883	PIPE CULVERTS, TYPE 2, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	FOOT	60		60
35	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6		6
36	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		1
37	54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1		1
38	54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	1		1
39	54247150	GRATING FOR CONCRETE FLARED END SECTIONS 30"	EACH	1		1
40	55039700	STORM SEWERS TO BE CLEANED	FOOT	170		170
41	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	3		3
42	60107600	PIPE UNDERDRAINS 4"	FOOT	1,860		1,860
43	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	125		125
44	60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE (OPEN BOTTOM)	EACH	1		1
45	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1		1
46	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2		2
47	60250200	CATCH BASINS TO BE ADJUSTED	EACH	2		2
48	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	7	7	
49	67100100	MOBILIZATION	L SUM	1	1	

* INDICATES SPECIALTY ITEMS

FILE NAME = J:\2211\road\sheet\2211-shr-soc.dgn	USER NAME = rjd	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE. 0121	SECTION 09-00362-00-PV	COUNTY MCHENRY	TOTAL SHEETS 54	SHEET NO. 4
PLOT SCALE = 1.0000" / IN.	CHECKED - GAB	DATE - 5-28-09	REVISED -	SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT: M-9003(255)	CONTRACT NO. 63195	

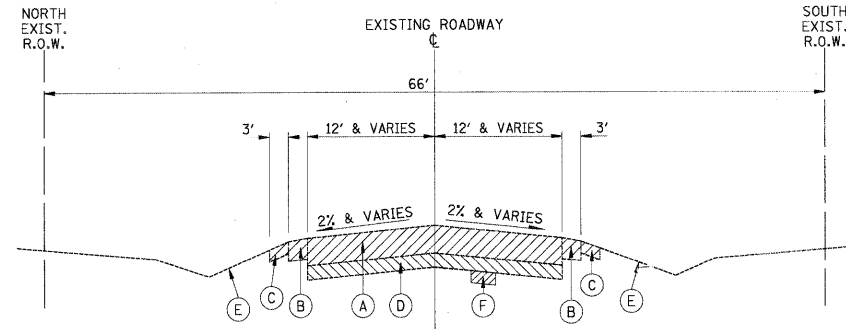
SUMMARY OF QUANTITIES

#	Coded Pay Item Number	Pay Item	Unit	ESTIMATED QUANTITIES	CONSTRUCTION TYPE CODE	
					ROADWAY 1000-2F	MINOR STRUCTURES Y007
50	70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	
51						
52	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	10	10	
53	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,745	5,745	
54	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	1,200	1,200	
*	55	70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	354	354
*	56	70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	23,000	23,000
*	57	70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"	FOOT	800	800
*	58	70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	64	64
	59	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	8,550	8,550
	60	72000100	SIGN PANEL - TYPE 1	SQ FT	6.3	6.3
	61	72000200	SIGN PANEL - TYPE 2	SQ FT	12.2	12.2
	62	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
	63	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
	64	72800105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	45	45
*	65	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	213	213
*	66	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23,440	23,440
*	67	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,030	1,030
*	68	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	345	345
*	69	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	45	45
	70	78300100	PAVEMENT MARKING REMOVAL	SQ FT	100	100
	71	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	52	52
	72	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1
	73	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	6	6
	74	X4023000	TEMPORARY ACCESS (ROAD)	EACH	2	2
	75	XX006119	TRAFFIC CONTROL AND PROTECTION (DETOUR)	L SUM	1	1
*	76	XX006257	RECESSED REFLECTIVE PAVMENT MARKER	EACH	225	225
	77	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	24,140	24,140
	78	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	79	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	2	2
	80	Z0066600	STABILIZED DRIVEWAYS 8"	SQ YD	560	560
Δ	81	Z0076600	TRAINEES	HOURS	1,000	1,000

* INDICATES SPECIALTY ITEMS

Δ Y080

FILE NAME = J:\2211\cod\sheet\2211-shr-sq.dgn	USER NAME = rjd	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE. 0121	SECTION 09-00362-00-PV	COUNTY MCHENRY	TOTAL SHEETS 54	SHEET NO. 5
PLOT SCALE = 1:8000' / IN.	CHECKED - GAB	DATE - 5-28-09	REVISED -	SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 63195		
PLOT DATE = 6/22/2009	DATE - 5-28-09	REVISED -		FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT: M-9003(255)			

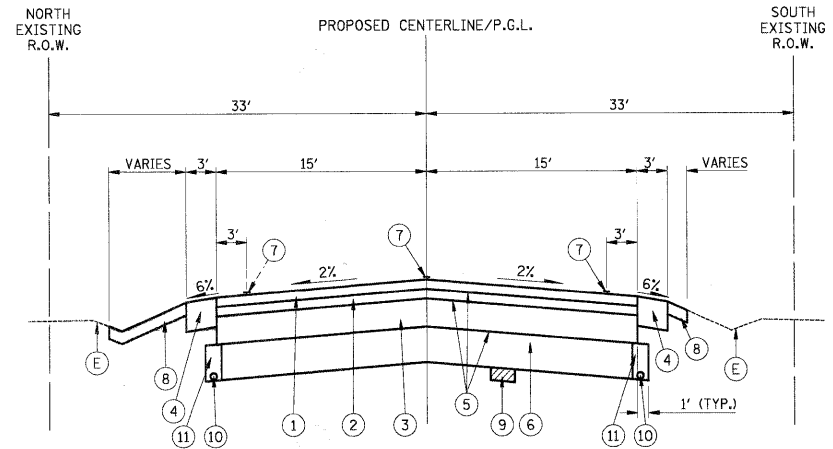


EXISTING TYPICAL SECTION

•STA. 13+29.5 TO STA. 34+03.2
•STA. 54+53 TO STA. 63+75

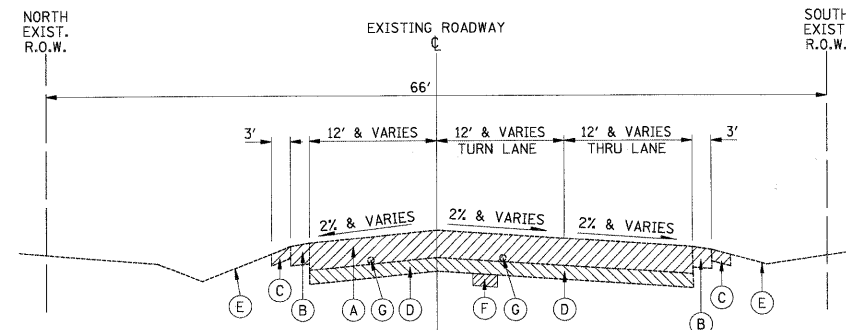
REMOVAL ITEMS

•PROJECT OMISSION:
WASTE MANAGEMENT OF ILLINOIS
VIRGINIA ROAD TRANSFER FACILITY (BY OTHERS)
STA. 34+03.2 TO STA. 53+28.7



PROPOSED TYPICAL SECTION

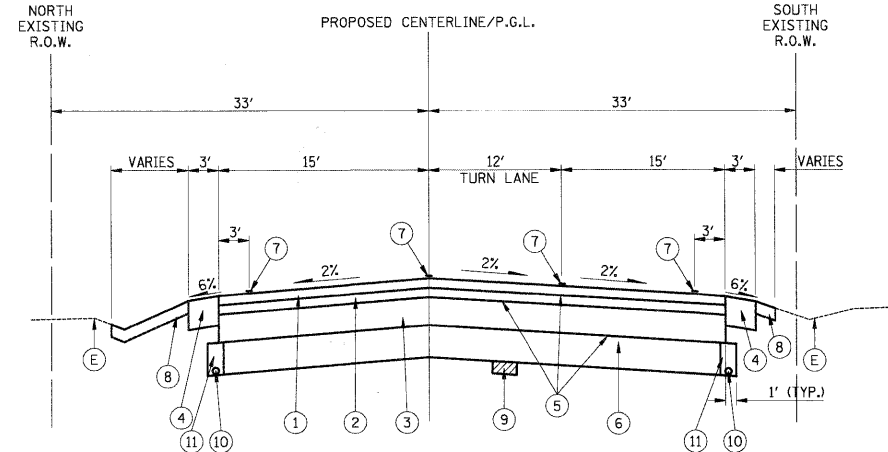
•STA. 13+29.5 TO STA. 34+03.2
•STA. 54+53 TO STA. 63+75



EXISTING TYPICAL SECTION

STA. 63+75 TO STA. 89+00

REMOVAL ITEMS



PROPOSED TYPICAL SECTION

STA. 63+75 TO STA. 89+00

EXISTING LEGEND

- (A) BITUMINOUS PAVEMENT (1" TO 13") (PAID FOR AS PAVEMENT REMOVAL)
- (B) BITUMINOUS SHOULDER (1" TO 6") (PAID FOR AS PAVEMENT REMOVAL)
- (C) AGGREGATE SHOULDER (PAID FOR AS EARTH EXCAVATION)
- (D) GRANULAR SUBBASE (8" TO 18") (PAID FOR AS PAVEMENT REMOVAL)
- (E) TURF DITCH
- (F) REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER)
- (G) PIPE UNDERDRAINS (PAID FOR AS PAVEMENT REMOVAL)

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1-3/4")
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2-1/4")
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 9-1/2"
- (4) AGGREGATE SHOULDER, TYPE B, 8"
- (5) BITUMINOUS MATERIALS (PRIME COAT) AGGREGATE (PRIME COAT)
- (6) AGGREGATE SUBGRADE 12"
- (7) THERMOPLASTIC PAVEMENT MARKING
- (8) RESTORATION -EROSION CONTROL BLANKET -SEEDING, CLASS 2A -TOPSOIL, 4"
- (9) POROUS GRANULAR EMBANKMENT, SUBGRADE
- (10) PIPE UNDERDRAIN 4"
- (11) TRENCH BACKFILL

MIXTURE REQUIREMENT

MIXTURE TYPE	AC TYPE	AIR VOIDS
FULL-DEPTH HOT-MIX ASPHALT PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (1-3/4")	PG 64-22*	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2-1/4")	PG 64-22*	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 9-1/2"	PG 64-22*	4% @ 50 GYR.
STABILIZED DRIVEWAYS		
HOT-MIX ASPHALT BASE COURSE, 6 INCH	PG 64-22*	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (2")	PG 64-22*	4% @ 50 GYR.

NOTES: USE A UNIT WEIGHT OF 112 LB/SQ-IN TO CALCULATE OTHER HMA MIXTURES.
*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

PAVEMENT DESIGN

ITEM	VIRGINIA ROAD
STRUCTURAL DESIGN TRAFFIC (2030)	11,500
ROAD CLASSIFICATION	II
PASSENGER CARS	8,165
SINGLE UNITS	2,070
MULTIPLE UNITS	1,265
TRAFFIC FACTOR	7.21
DESIGN THICKNESS	1.75+2.25+9.5+12

THICKNESS = (HMA SURF + HMA BIND + HMA BSE CRSE + AGG SUB-GRADE) INCHES

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PLOT SCALE = 1:8000 1/4 IN.		CHECKED - GAB	REVISED -
PLOT DATE = 5/27/2009		DATE - 5-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	MCHENRY	54	6
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: M-9003(255)				

SCHEDULE OF RELOCATE SIGN PANEL ASSEMBLY - TYPE A	
PROPOSED LOCATION	TELESCOPING STEEL SIGN SUPPORT (FT)
STA. 63+02, 46' LT.	-
STA. 65+50, 30' RT.	14'
STA. 67+50, 49' LT.	14'

SCHEDULE OF SIGN PANEL - TYPE 1				
PROPOSED LOCATION	SIGN NUMBER	DIMENSIONS	AREA (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)
STA. 81+27, 49' LT.	R1-1	30" x 30"	6.25	14'
SCHEDULE OF SIGN PANEL - TYPE 2 ONLY IF NEEDED				

EARTHWORK SCHEDULE VIRGINIA ROAD				
ITEM	UNIT	TOTAL	PHASE I (WEST)	PHASE II (EAST)
EARTH EXCAVATION	C.Y.	16,760	8,460	8,300
FURNISHED EXCAVATION	C.Y.	495	327	168
FURNISHED EXCAVATION ADJUSTED FOR SHRINKAGE	C.Y.	620	410	210
EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	C.Y.	+16,140	+8,050	+8,090
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL				
UNDERCUT	C.Y.	100	50	50

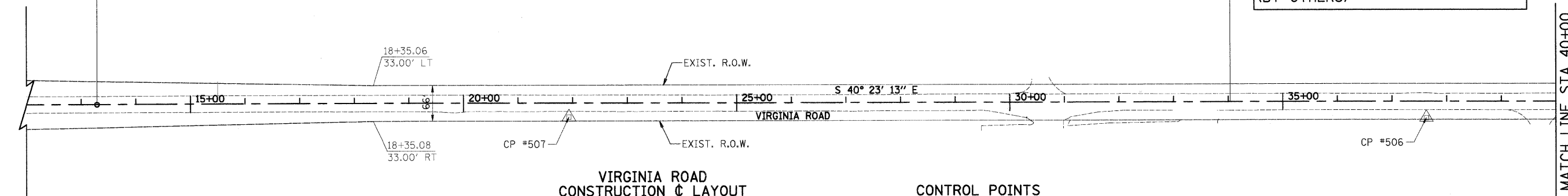
UNDERCUT DEPTH SCHEDULE		
FROM	TO	DEPTH
59+80	60+00	1'

NOTE: SHRINKAGE CALCULATED USING 25% SHRINKAGE FACTOR (PER IDOT LRS#2)

FILE NAME =	USER NAME = ara	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 5/27/2009	DATE - 5-28-09	CHECKED - GAB	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 63195			
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)					

IMPROVEMENT BEGINS
 STA. 13+29
 N=2018937.829
 E=991091.331

PROJECT OMISSION
 STA. 34+03 TO STA. 54+53
 WASTE MANAGEMENT OF ILLINOIS
 VIRGINIA ROAD TRANSFER FACILITY
 (BY OTHERS)

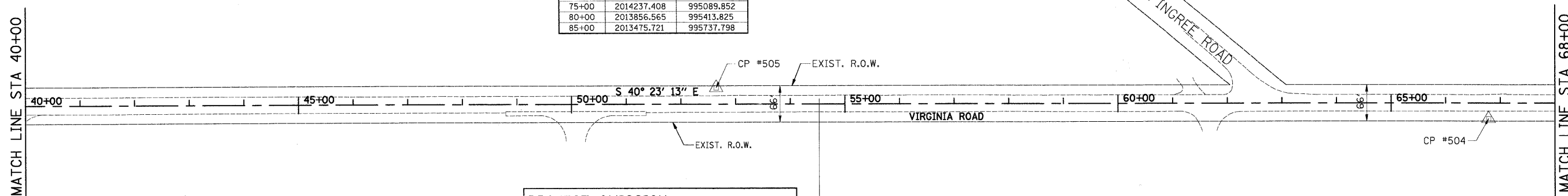


**VIRGINIA ROAD
 CONSTRUCTION & LAYOUT**

STATION	NORTHING	EASTING
15+00	2018807.525	991202.176
20+00	2018426.682	991526.149
25+00	2018045.839	991850.122
30+00	2017664.996	992174.095
35+00	2017284.153	992498.068
40+00	2016903.310	992822.041
45+00	2016522.467	993146.014
50+00	2016141.623	993469.987
55+00	2015760.780	993793.960
60+00	2015379.937	994117.933
65+00	2014999.094	994441.906
70+00	2014618.215	994765.879
75+00	2014237.408	995089.852
80+00	2013856.565	995413.825
85+00	2013475.721	995737.798

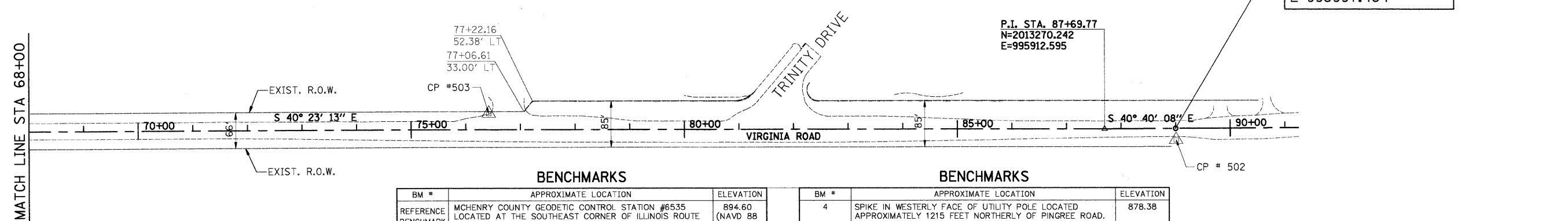
CONTROL POINTS

CP#	STATION	OFFSET	NORTHING	EASTING	ELEVATION
500	03+74.98	34.14' LT.	2019686.560	990499.226	890.16
501	96+81.86	113.60' RT.	2012635.477	996614.402	883.62
502	89+00.77	21.37' RT.	2013156.948	995981.757	872.82
503	76+42.11	29.49' LT.	2014148.277	995204.396	878.45
504	66+78.61	28.75' RT.	2014844.421	994535.736	875.18
505	52+64.59	29.54' LT.	2015959.227	993663.927	879.87
506	37+62.82	29.99' RT.	2017064.533	992645.513	885.94
507	21+93.21	25.26' RT.	2018263.150	991632.096	886.84



PROJECT OMISSION
 STA. 34+03 TO STA. 54+53
 WASTE MANAGEMENT OF ILLINOIS
 VIRGINIA ROAD TRANSFER FACILITY
 (BY OTHERS)

IMPROVEMENT ENDS
 STA. 89+00
 N=2013171.463
 E=995997.464



BENCHMARKS

BM #	APPROXIMATE LOCATION	ELEVATION
1	MCHENRY COUNTY GEODETIC CONTROL STATION #6535 LOCATED AT THE SOUTHEAST CORNER OF ILLINOIS ROUTE 31 AND KLASSEN ROAD.	894.60 (NAVD 88 DATUM)
2	SQUARE CUT IN CONCRETE PAD OF IDOT CONTROL BOX LOCATED AT THE SOUTHWEST CORNER OF VIRGINIA ROAD AND ILLINOIS ROUTE 31.	886.35
3	SQUARE CUT ON TOP OF CONCRET END SECTION LOCATED AT THE SOUTHEAST CORNER OF VIRGINIA ROAD AND TRINITY DRIVE.	872.52
4	RIM OF SOUTHERLY TELEPHONE MANHOLE LOCATED APPROXIMATELY 510 FEET SOUTHERLY OF PINGREE ROAD.	875.87

BENCHMARKS

BM #	APPROXIMATE LOCATION	ELEVATION
4	SPIKE IN WESTERLY FACE OF UTILITY POLE LOCATED APPROXIMATELY 1215 FEET NORTHERLY OF PINGREE ROAD.	878.38
5	SPIKE IN WESTERLY FACE OF UTILITY POLE LOCATED APPROXIMATELY 2440 FEET NORTHERLY OF PINGREE ROAD.	886.48
6	SPIKE IN WESTERLY FACE OF UTILITY POLE LOCATED APPROXIMATELY 1530 FEET SOUTHERLY OF JAMES R. RAKOW ROAD.	887.47
7	CROSS CUT IN EASTERLY CORNER OF TRAFFIC SIGNAL MANHOLE IN ISLAND LOCATED AT THE INTERSECTION OF JAMES R. RAKOW ROAD AND VIRGINIA ROAD.	890.16

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 USER NAME = ara
 PLOT SCALE = 100.00' / IN.
 PLOT DATE = 5/27/2009

DESIGNED - RJD
 DRAWN - ARA
 CHECKED - GAB
 DATE - 5-28-09

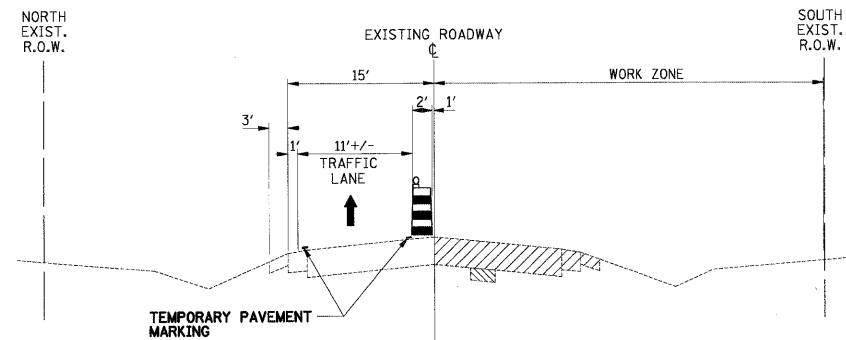
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

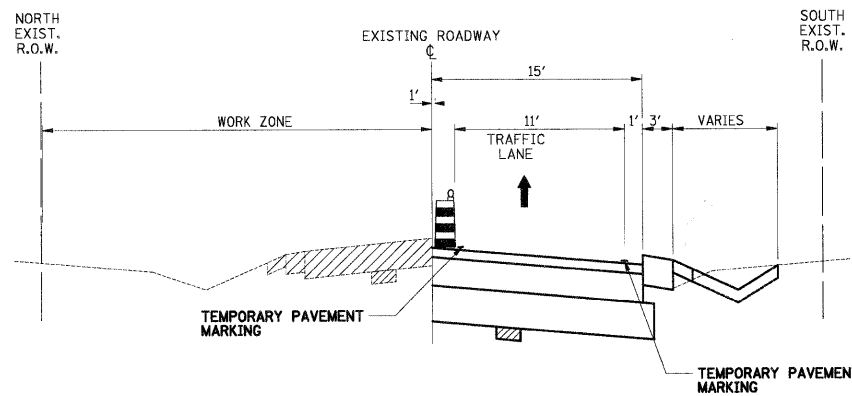
**ALIGNMENT, TIES & BENCHMARKS
 VIRGINIA ROAD**
 SCALE: 1"=100' SHEET NO. 1 OF 1 SHEETS STA. 13+29 TO STA. 89+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	MCHENRY	54	8

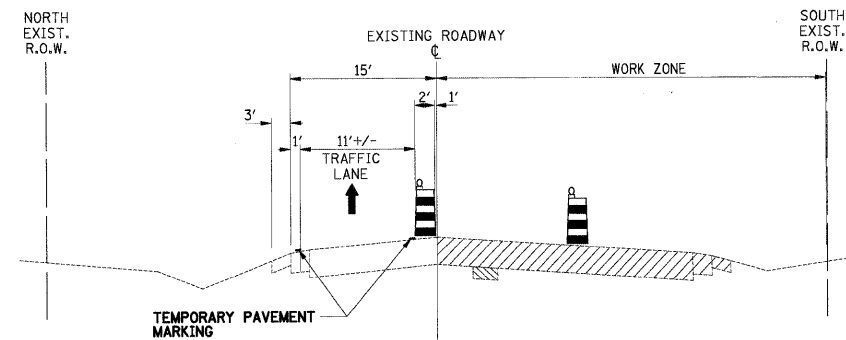
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT: M-9003(255)
CONTRACT NO. 63195



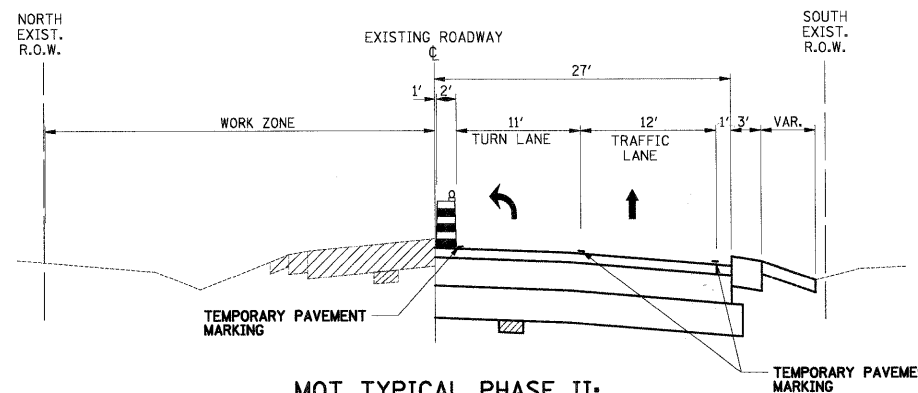
**MOT TYPICAL PHASE I:
NORTHBOUND TRAFFIC DETOURED AND REMOVAL
AND REPLACEMENT ON ROADWAY IMPROVEMENTS**
RAKOW ROAD TO TRINITY DRIVE



**MOT TYPICAL PHASE II:
NORTHBOUND TRAFFIC DETOURED AND REMOVAL
AND REPLACEMENT ON ROADWAY IMPROVEMENTS**
RAKOW ROAD TO TRINITY DRIVE



**MOT TYPICAL PHASE I:
NORTHBOUND TRAFFIC DETOURED AND REMOVAL
AND REPLACEMENT ON ROADWAY IMPROVEMENTS**
TRINITY DRIVE TO US RT 31



**MOT TYPICAL PHASE II:
NORTHBOUND TRAFFIC DETOURED AND REMOVAL
AND REPLACEMENT ON ROADWAY IMPROVEMENTS**
TRINITY DRIVE TO US RT 31

PHASE I

- SET UP DETOUR
- INSTALL EROSION CONTROL MEASURES
- REMOVE CONFLICTING PAVEMENT MARKINGS
- CLOSE OFF THE SOUTHBOUND LANE
- INSTALL TEMPORARY PAVEMENT MARKINGS
- REMOVE EXISTING ROADWAY COMPONENTS
- INSTALL DRAINAGE COMPONENTS
- INSTALL AGGREGATE SUBGRADE, ASPHALT BASE COURSE AND ASPHALT BINDER COURSE
- INSTALL AGGREGATE SHOULDERS
- GRADE THE DITCHES

PHASE II

- SWITCH M.O.T. TO THE NORTHBOUND LANES
- KEEP TRAFFIC SOUTHBOUND
- INSTALL TEMPORARY PAVEMENT MARKING
- REMOVE EXISTING ROADWAY COMPONENTS
- INSTALL PROPOSED DRAINAGE COMPONENTS
- INSTALL AGGREGATE SUBGRADE, ASPHALT BASE COURSE AND ASPHALT BINDER COURSE
- INSTALL FIRST LIFT OF AGGREGATE SHOULDERS

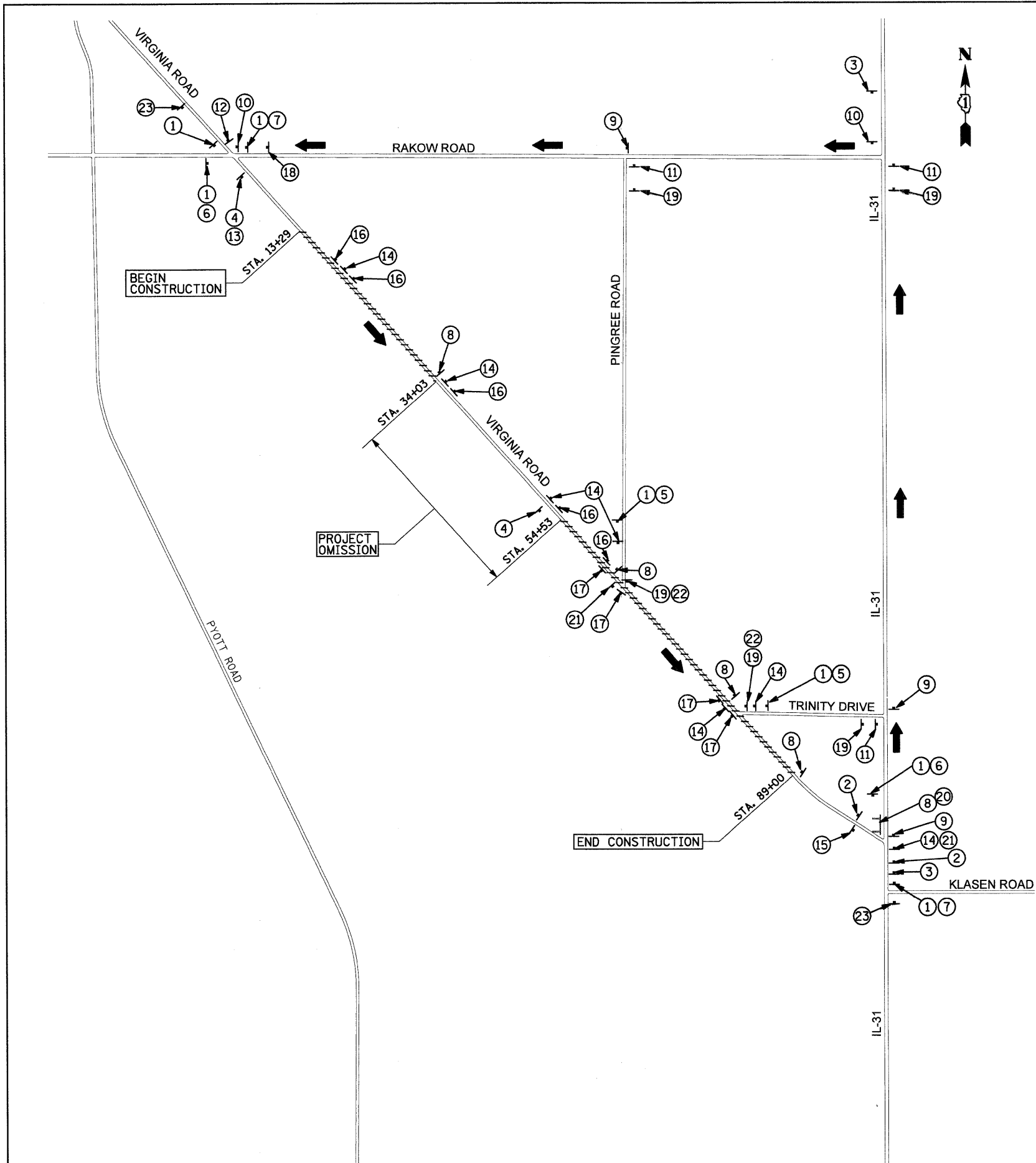
PHASE III

- INSTALL ASPHALT SURFACE COURSE
- INSTALL FINAL LIFT OF AGGREGATE SHOULDER
- INSTALL THERMOPLASTIC PAVEMENT MARKING
- FINAL LANDSCAPING

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTIES DURING THE CONSTRUCTION OPERATIONS. FRONTING BUSINESS PROPERTY OWNERS SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF CONSTRUCTION OPERATIONS WHICH MAY AFFECT THEIR DAILY SCHEDULE. THE CONTRACTOR SHALL COORDINATE WORK THROUGH THE RESIDENT ENGINEER TO AVOID ANY UNDUE INCONVENIENCE TO LOCAL BUSINESS. THIS WORK WILL BE PAID FOR AS "TEMPORARY ACCESS (PRIVATE ENTRANCE, COMMERCIAL ENTRANCE OR ROAD)".
2. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007, THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
3. DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. LANE WIDTHS SHALL BE A MINIMUM OF 10 FEET.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THIS CONSTRUCTION IS IN EFFECT.
5. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE CONSTRUCTION IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR.
6. THE SIZES OF THE SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
7. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 108.01 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
8. ONE SOUTHBOUND LANE SHALL BE MAINTAINED AT ALL TIMES.
9. TEMPORARY PAVEMENT MARKING SHALL BE USED AS DIRECTED BY THE ENGINEER. ALL TEMPORARY PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE PAINT AND ALL TEMPORARY PAVEMENT MARKINGS OUTSIDE THE PROJECT LIMITS SHALL BE TYPE III TAPE UNLESS OTHERWISE NOTED.
10. ALL EXISTING PAVEMENT MARKINGS REMOVED IN AREAS OF PAVEMENT REMOVAL OR BITUMINOUS SURFACE REMOVAL WILL BE CONSIDERED INCIDENTAL TO PAVEMENT REMOVAL OR BITUMINOUS SURFACE REMOVAL. ALL EXISTING PAVEMENT MARKINGS THAT ARE TO BE REMOVED OUTSIDE OF PAVEMENT OR BITUMINOUS SURFACE REMOVAL AREAS WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL.
11. ALL TYPE II BARRICADES SHALL BE PLACED AT 25' CENTERS WITHIN THE FIRST 250' OF CLOSURES AND THROUGHOUT TURN LANES. ELSEWHERE THEY ARE TO BE PLACED AT 50' CENTERS, MAXIMUM OR AS DIRECTED BY THE ENGINEER.
12. THE CONTRACTOR MAY STAGE HIS CONSTRUCTION IN SEGMENTS FOR MORE EFFICIENT OPERATIONS. IF THE STAGING IS SEGMENTED THE SETUP OF THE TRAFFIC CONTROL DEVICES AT THE BEGINNINGS AND ENDS OF THE SEGMENT SHALL BE SIMILAR TO THAT SHOWN IN THE PLANS. THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY ADDITIONAL COMPENSATION FOR REVISING THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS.
13. ALL TAPERS ARE 100 FEET LONG UNLESS OTHERWISE NOTED.
14. THE COST OF ARROW BOARDS SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL AND PROTECTION (SPECIAL).
15. LANE SHIFTS AT THE ENDS OF THE PROJECT SHALL BE IN ACCORDANCE WITH IDOT STANDARDS.
16. LANE CLOSURES FOR ALL INTERSECTION IMPROVEMENTS SHALL BE IN ACCORDANCE WITH IDOT STANDARDS T0101-06.
17. FOR ADDITIONAL INFORMATION ON TRAFFIC CONTROL AND SIGNING, REFER TO THE IDOT STANDARDS INCLUDED IN THE DETAIL SPECIFICATIONS.
18. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

FILE NAME = j:\2211\oad\sheet\2211-shv-mot-tyd.dgn	USER NAME = a-a	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS VIRGINIA ROAD	F.A.U. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1.0000' / IN.	CHECKED - GAB	REVISED -	0121			09-00362-00-PV	MCHENRY	54	9	
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -	SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 63195				
						FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: M-9003(255)				



- ① ROAD CONSTRUCTION AHEAD
W20-1
- ② ROAD CLOSED 500 FT
W20-3
- ③ DETOUR AHEAD
W20-2
- ④ ONE LANE ROAD AHEAD
W20-4
- ⑤ ← →
W6-1
- ⑥ →
W6-1R
- ⑦ ←
W6-1L
- ⑧ ROAD CLOSED
R11-2
- ⑨ NORTH
VIRGINIA RD
DETOUR
↑
M4-9
- ⑩ NORTH
VIRGINIA RD
DETOUR
→
M4-9R
- ⑪ NORTH
VIRGINIA RD
DETOUR
←
M4-9L
- ⑫ END
DETOUR
M4-8c
- ⑬ ROAD WORK
NEXT 1.5 MILES
G20-1
- ⑭ VIRGINIA ROAD
CLOSED TO
NORTHBOUND TRAFFIC
R11-3
- ⑮ END
ROAD WORK
R11-2
- ⑯ ONE WAY →
R6-1R
- ⑰ ← ONE WAY
R6-1L
- ⑱ NORTH
VIRGINIA RD
DETOUR
↗
M3-4
- ⑲ NORTH
VIRGINIA RD
DETOUR
↖
M3-4
- ⑳ DETOUR →
W4-10R
- ㉑ NO LEFT TURN
R3-2
- ㉒ NO RIGHT TURN
R3-1
- ㉓ CHANGEABLE
MESSAGE
SIGN

LEGEND

- CONSTRUCTION AREA
- DETOUR ROUTE
- TYPE III BARRICADE
- CONSTRUCTION SIGN

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - DETOUR
VIRGINIA ROAD**

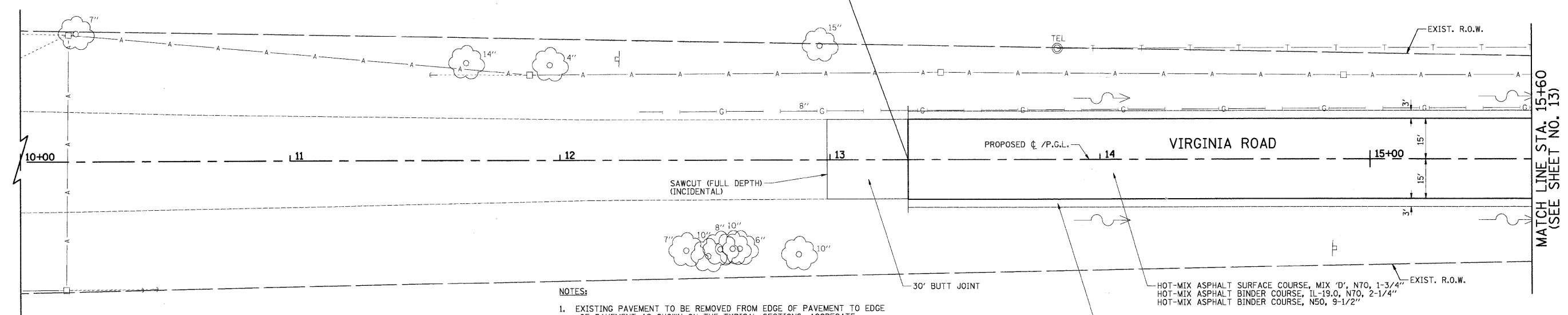
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	MCHENRY	54	10
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)				

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	RT. OF WAY CHECKED		
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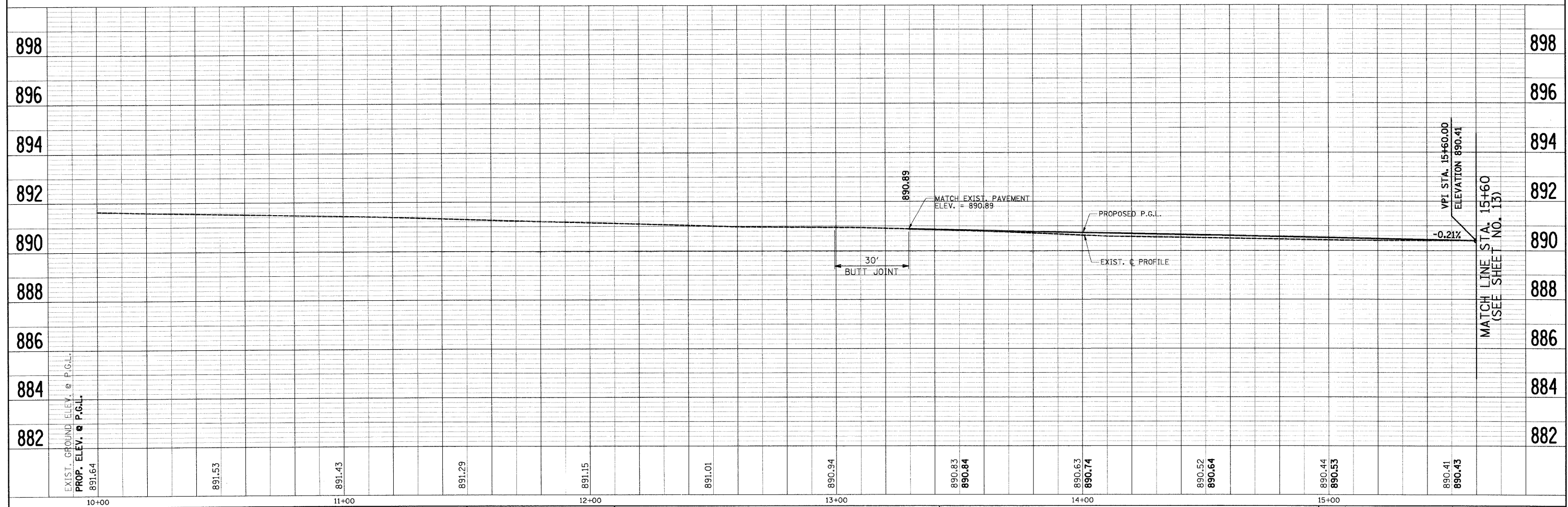
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ROADWAY CONSTRUCTION
BEGINS - STA. 13+29



NOTES:

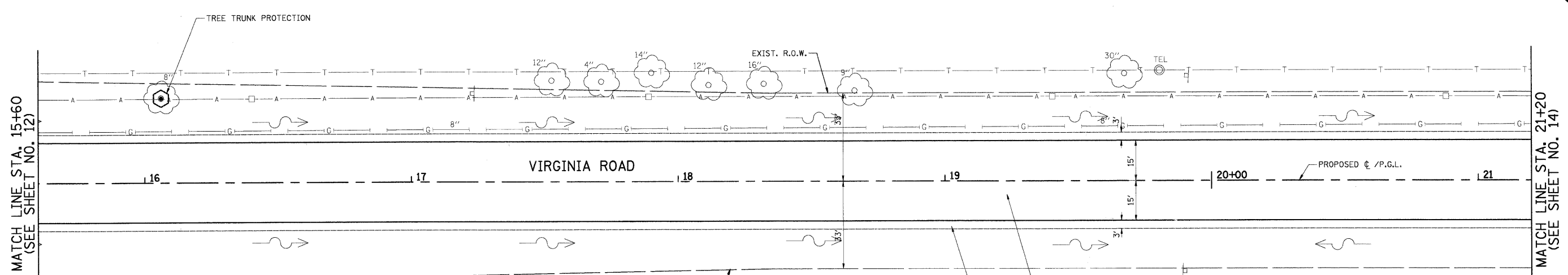
- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
- TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).
- THE BUTT JOINT REMOVAL SHALL BE PAID FOR AS "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" AND THE REPLACEMENT WILL BE FOR AS "HOT-MIX ASPHALT SURFACE COURSE".



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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	REVISED -	SCALE: 1"=20'			SHEET NO. 1 OF 15 SHEETS	STA. 13+29 TO STA. 15+60	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(255)	CONTRACT NO. 63195		
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -									

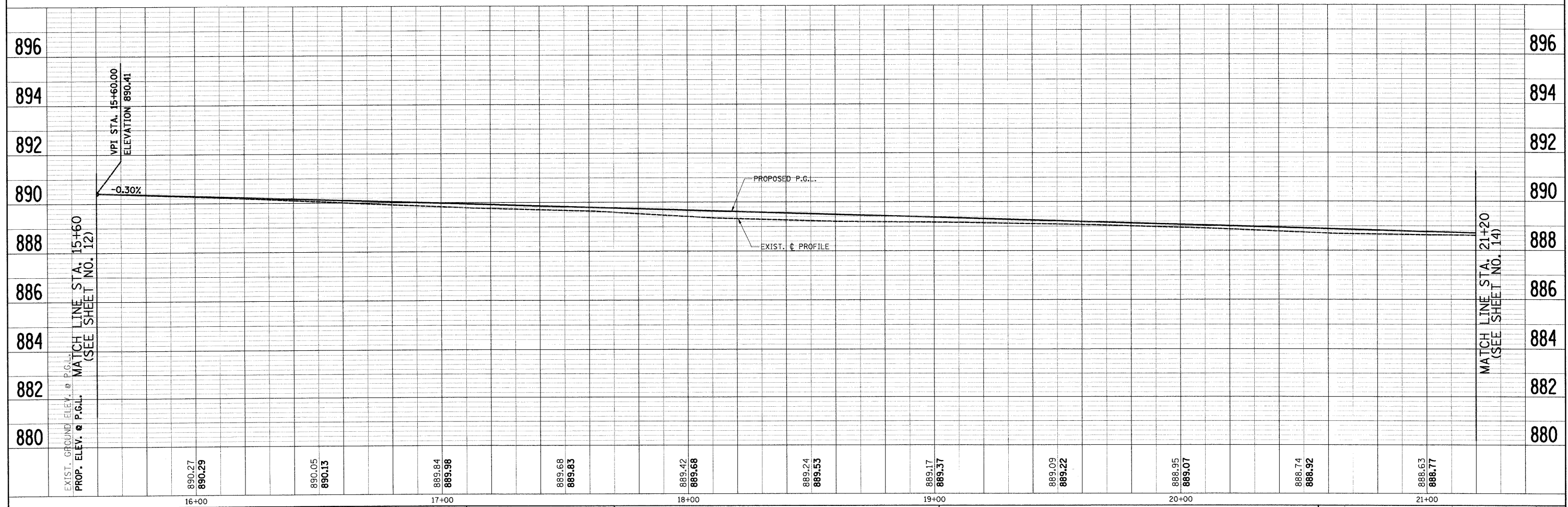
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	DATE		
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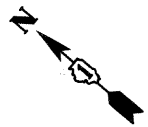


- NOTES:**
- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
 - TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).

HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT BINDER COURSE, N50, 9-1/2"
AGGREGATE SHOULDER, TYPE B, 8"

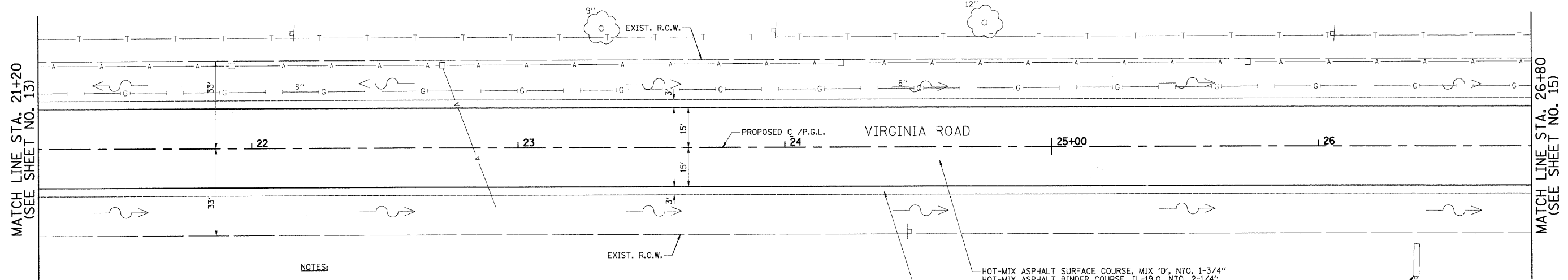


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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	REVISED -	SCALE: 1"=20'		SHEET NO. 2 OF 15 SHEETS	STA. 15+60 TO STA. 21+20	CONTRACT NO. 63195		ILLINOIS FED. AID PROJECT: M-9003(255)		
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -									



PLAN	SURVEYED	BY	DATE
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	REVISIONS		
	STRUCTURE NOTATIONS		
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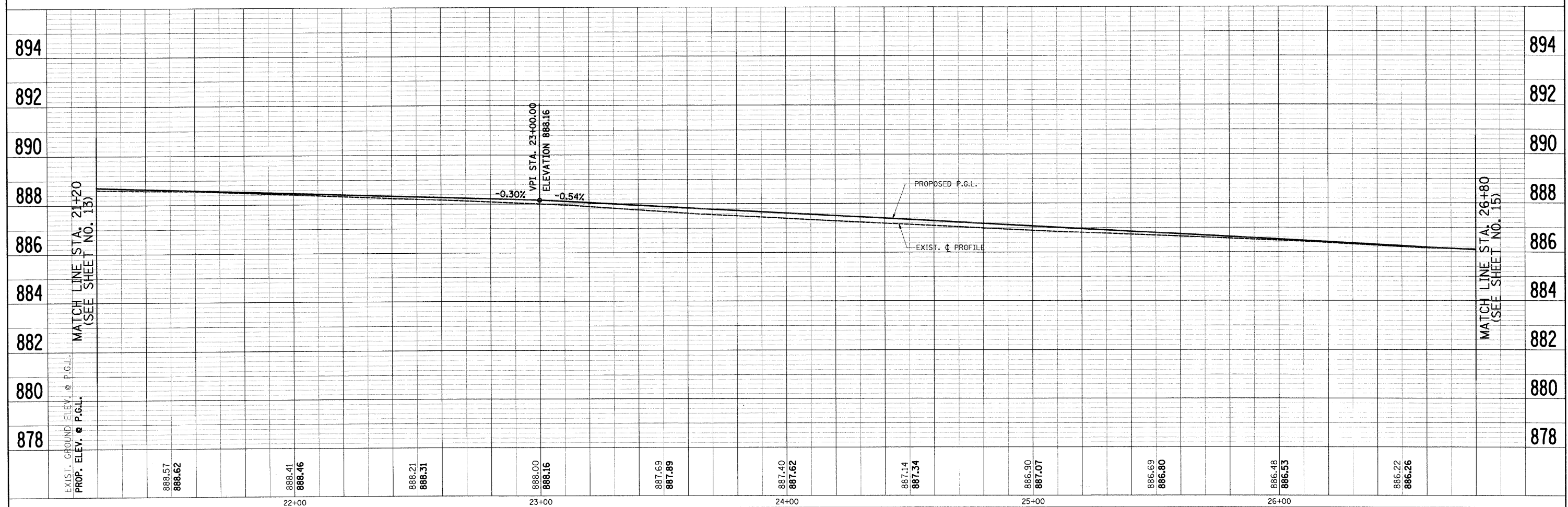
NOTES:

- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
- TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).

HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 1-3/4"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
 HOT-MIX ASPHALT BINDER COURSE, N50, 9-1/2"

AGGREGATE SHOULDER, TYPE B, 8"

EXISTING BILLBOARD



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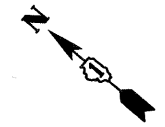
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DATE	-	5-28-09	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
 VIRGINIA ROAD**

SCALE: 1"=20' SHEET NO. 3 OF 15 SHEETS STA. 21+20 TO STA. 26+80

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	14
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT: M-9003(255)	
			CONTRACT NO. 63195	



NOTES:

- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
- TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).
- USE IDOT STANDARD 601001-3 FOR PIPE UNDERDRAIN INSTALLATION.

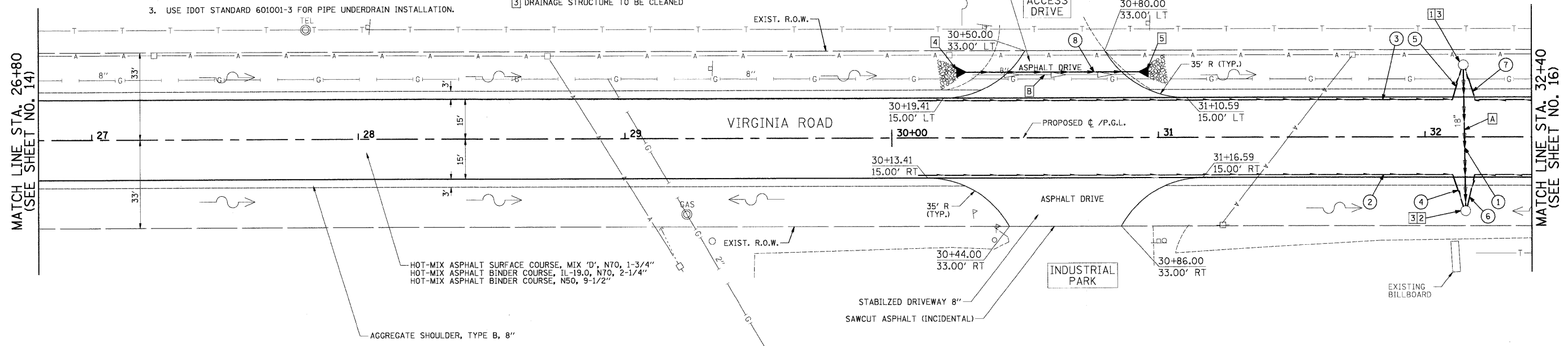
- STA. 32+15.17, 27.40' RT. EXIST. CB FRAME & LID TO BE ADJUSTED RIM = 880.55 INV. = 878.17 (SW & S)
- STA. 32+13.96, 28.82' LT. EXIST. CB FRAME & LID TO BE ADJUSTED RIM = 879.95 INV. = 877.21 (NE) INV. = 877.90 (N & E)
- DRAINAGE STRUCTURE TO BE CLEANED

- STA. 30+27, 25' LT. PRC FLARED END SECTION, 15" WITH RIPRAP INV. = 881.40
- STA. 30+93, 25' LT. PRC FLARED END SECTION, 15" WITH RIPRAP INV. = 881.00

- A 50' - 18" PIPE CULVERT REMOVAL
- B 60' - 8" PIPE CULVERT REMOVAL

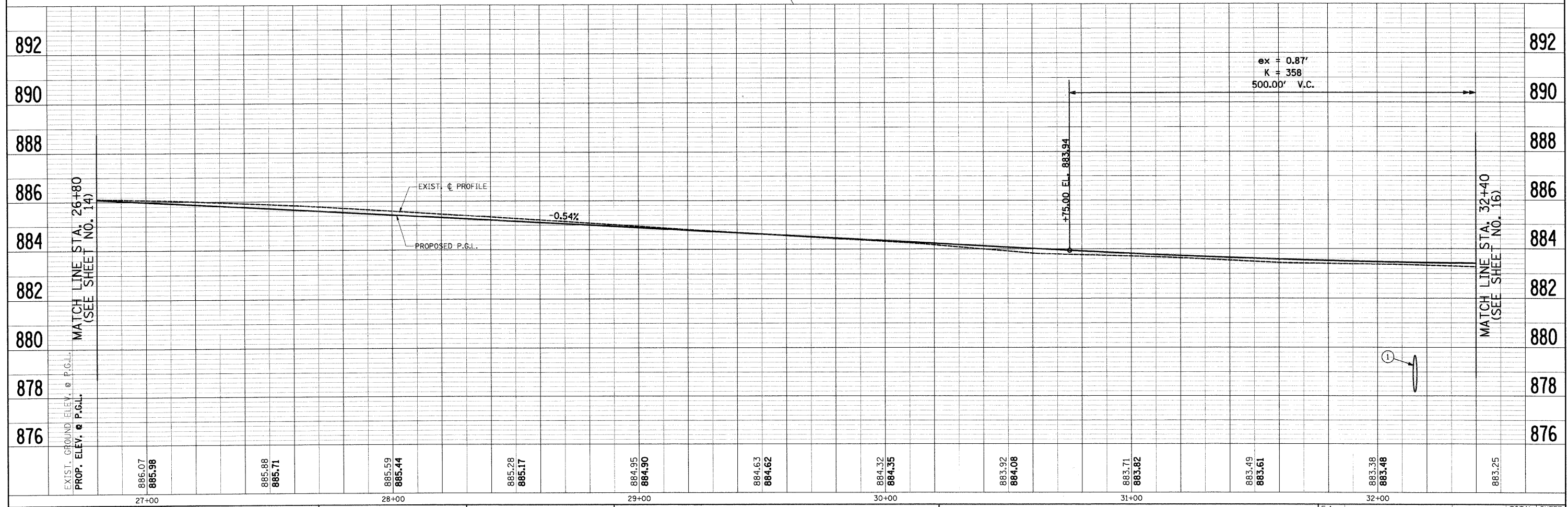
- 50' - 18" RC PIPE CULVERT, CLASS A, TYPE 2 TBF = 12 CY
- 200' - 4" PIPE UNDERDRAIN TBF = 7 CY
- 200' - 4" PIPE UNDERDRAIN TBF = 7 CY
- 12' - 4" PIPE UNDERDRAIN (SPECIAL) TBF = 1 CY

- 12' - 4" PIPE UNDERDRAIN (SPECIAL) TBF = 1 CY
- 12' - 4" PIPE UNDERDRAIN (SPECIAL) TBF = 1 CY
- 12' - 4" PIPE UNDERDRAIN (SPECIAL) TBF = 1 CY
- 70' - 15" RC PIPE CULVERT, CLASS A, TYPE 2 TBF = 7 CY



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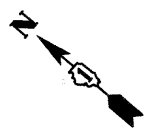


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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	DRAWN - ARA	REVISED -			SCALE: 1"=20'	SHEET NO. 4 OF 15 SHEETS	STA. 26+80	TO STA. 32+40	CONTRACT NO. 63195		
PLOT DATE = 5/27/2009	DATE - 5-28-09	CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)						
		DATE - 5-28-09	REVISED -									

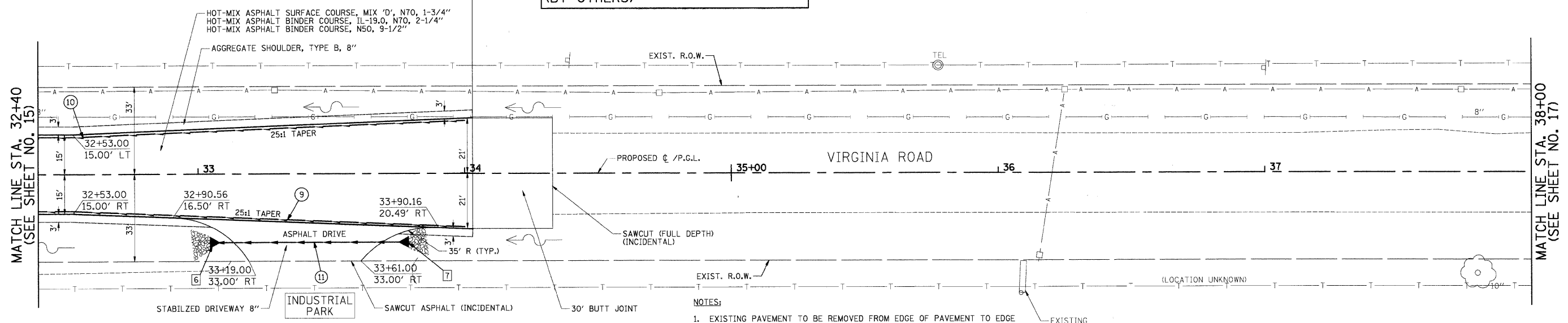
- ⑨ 180' - 4" PIPE UNDERDRAIN
TBF = 7 CY
- ⑩ 180' - 4" PIPE UNDERDRAIN
TBF = 7 CY
- ⑪ 100' - 15" RC PIPE CULVERT, CLASS A, TYPE 2
TBF = 11 CY

PROJECT OMISSION
STA. 34+03 TO STA. 54+53
WASTE MANAGEMENT OF ILLINOIS
VIRGINIA ROAD TRANSFER FACILITY
(BY OTHERS)

- ⑥ STA. 33+06, 26' RT.
PRC FLARED END SECTION, 15"
WITH RIPRAP
INV. = 880.15
- ⑦ STA. 33+75, 26' RT.
PRC FLARED END SECTION, 15"
WITH RIPRAP
INV. = 880.65

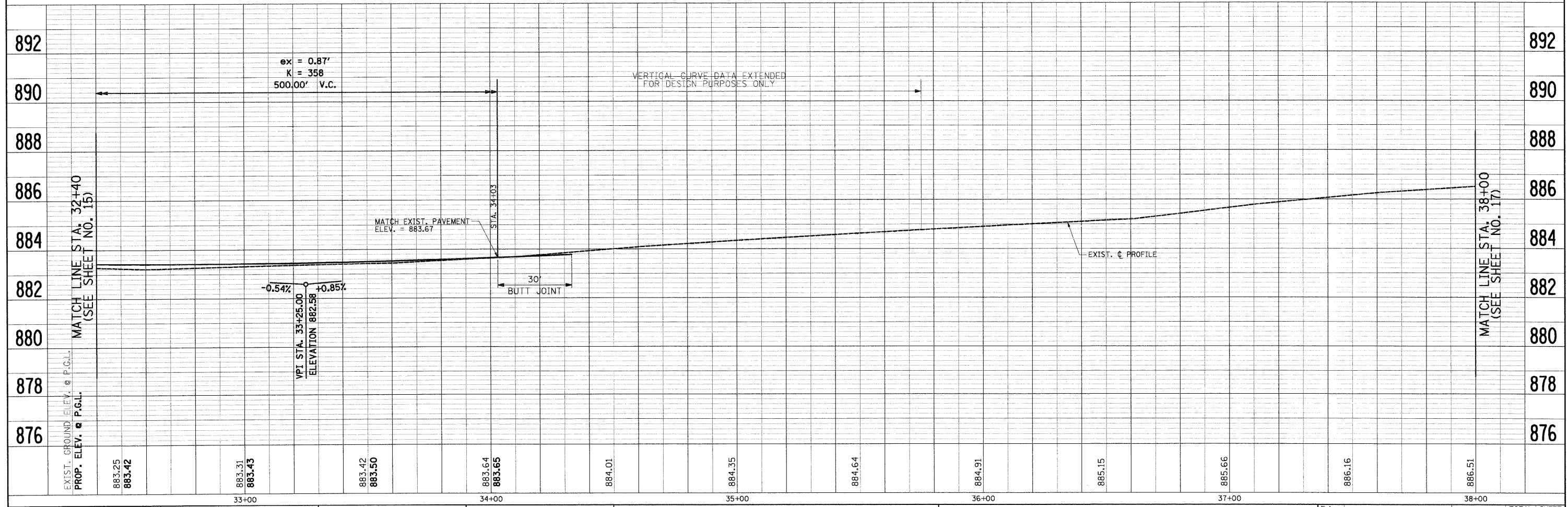


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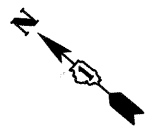


- NOTES:**
- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
 - TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).
 - THE BUTT JOINT REMOVAL SHALL BE PAID FOR AS "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" AND THE REPLACEMENT WILL BE FOR AS "HOT-MIX ASPHALT SURFACE COURSE".
 - TAPER THE PROPOSED AGGREGATE AND BITUMINOUS SHOULDERS 150' TO MEET THE PROPOSED WASTE TRANSFER FACILITY OMISSION SECTION.

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	AS NOTED	
	STRUCTURE, NOT ATMS CIRCO	
	NO.	

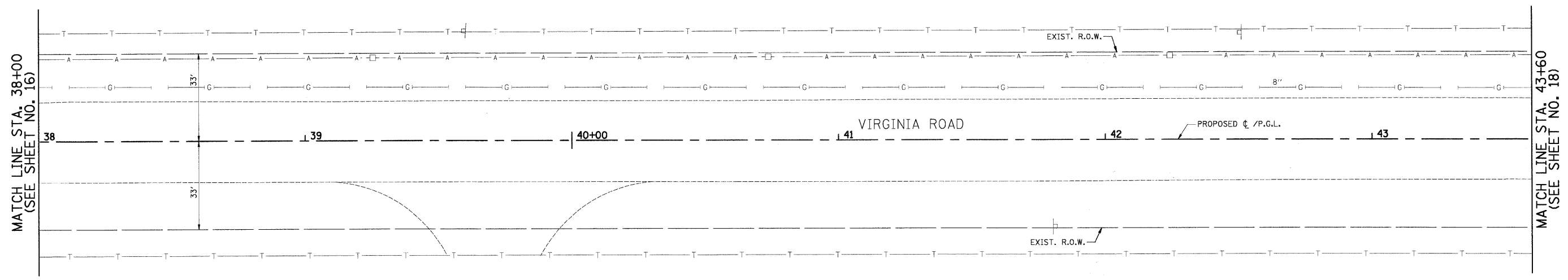


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	PLOT SCALE = 28.00' / IN.	DRAWN - ARA	REVISED -			0121	03-00362-00-PV	MCHENRY	54	16	
	PLOT DATE = 5/27/2009	CHECKED - GAB	REVISED -			CONTRACT NO. 63195					
		DATE = 5-28-09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)					

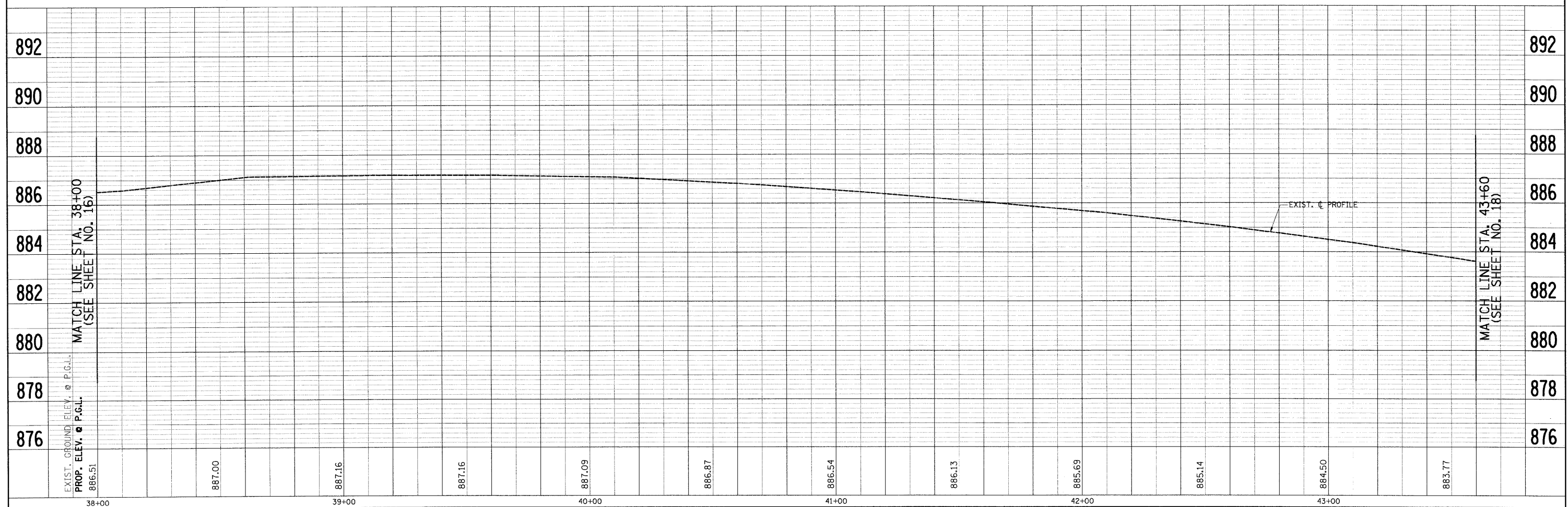


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	PLotted		
	Checked		
	Drawn		
	Structure Notations		

PROFILE	SURVEYED	BY	DATE
	Plotted		
	Checked		
	Drawn		
	Structure Notations		



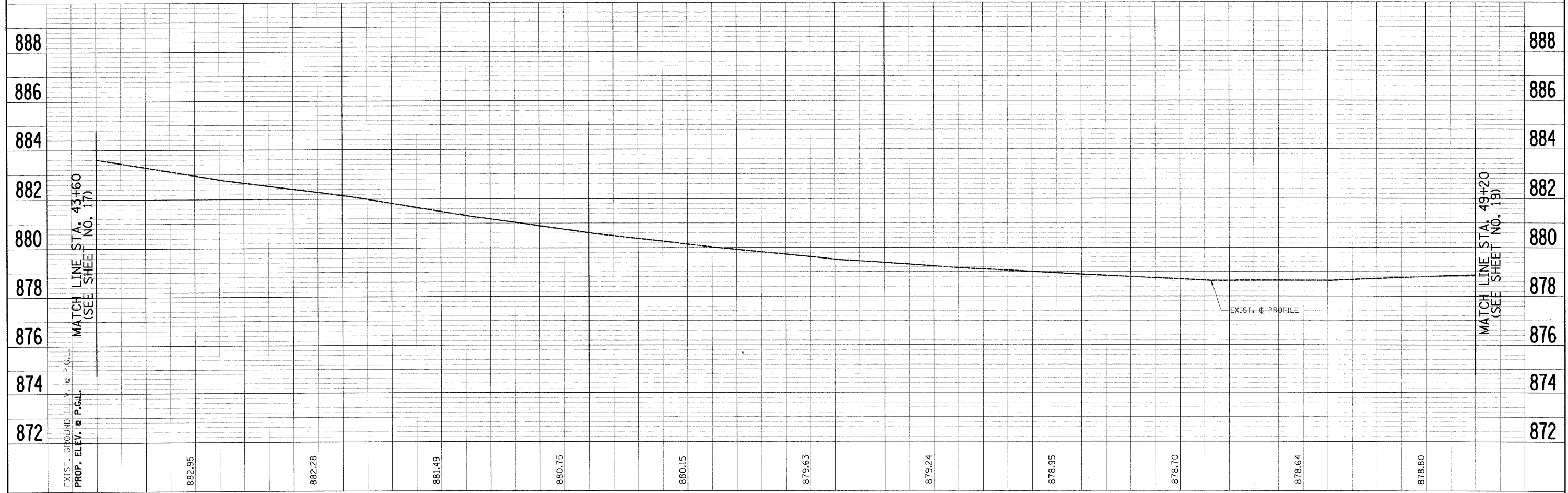
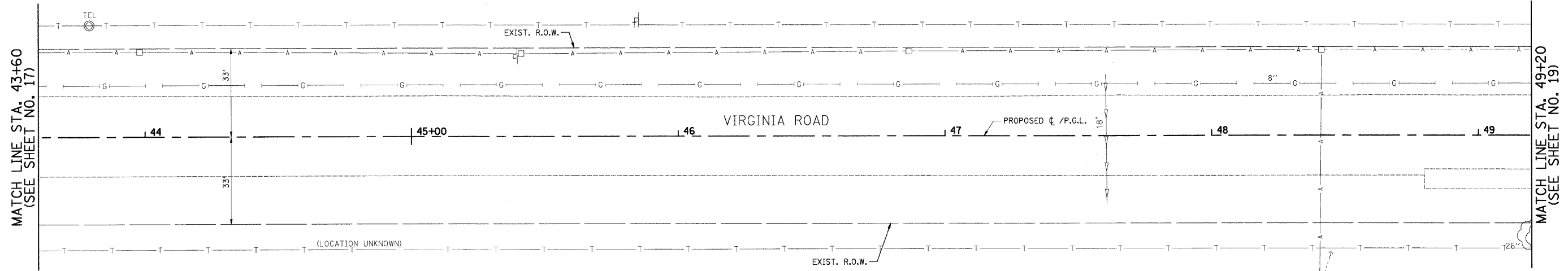
PROJECT OMISSION
 STA. 34+03 TO STA. 54+53
 WASTE MANAGEMENT OF ILLINOIS
 VIRGINIA ROAD TRANSFER FACILITY
 (BY OTHERS)



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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	REVISED -	REVISED -		SCALE: 1"=20'	SHEET NO. 6 OF 15 SHEETS	STA. 38+00 TO STA. 43+60	CONTRACT NO. 63195				
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -	REVISED -									
											FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT: M-9003(255)

PLAN	SURVEYED	BY	DATE
	ALIGNED		
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	REVISIONS		
	STRUCTURE		
	NOTATIONS		
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PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	PLOTTED		
	NOTED		
	REVISIONS		
	STRUCTURE		
	NOTATIONS		
	CHORD		



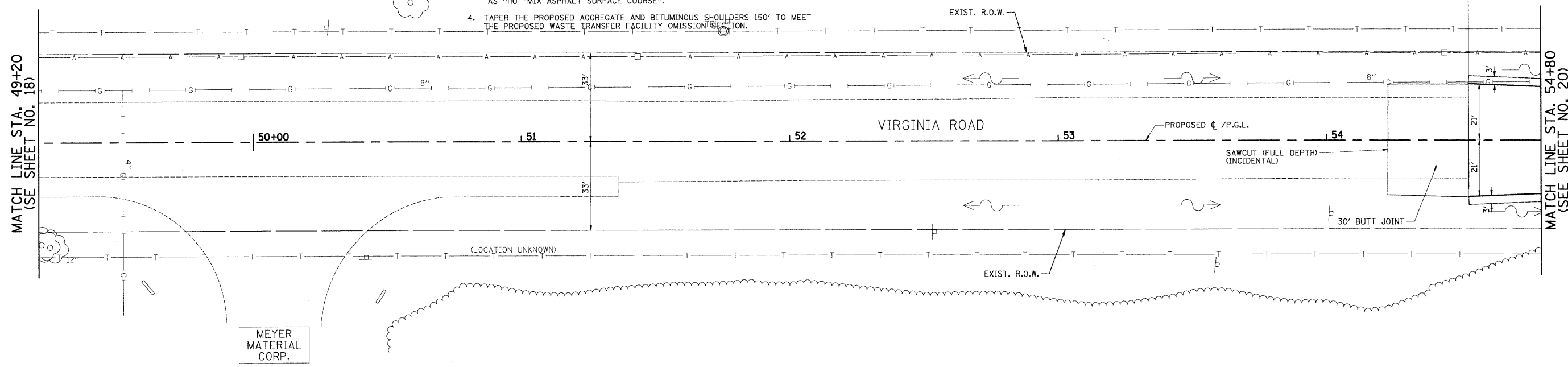
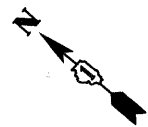
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	PLOT SCALE = 20.00' / IN.	DRAWN - ARA	REVISED -		SCALE: 1"=20'	SHEET NO. 7 OF 15 SHEETS	STA. 43+60 TO STA. 49+20	CONTRACT NO. 63195				
	PLOT DATE = 5/27/2009	CHECKED - GAB	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)							
		DATE - 5-28-09	REVISED -									

PLAN	SURVEYED	BY	DATE
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	NO. OF WAY CHECKED		
	NO.		
	PAID FILE NAME		

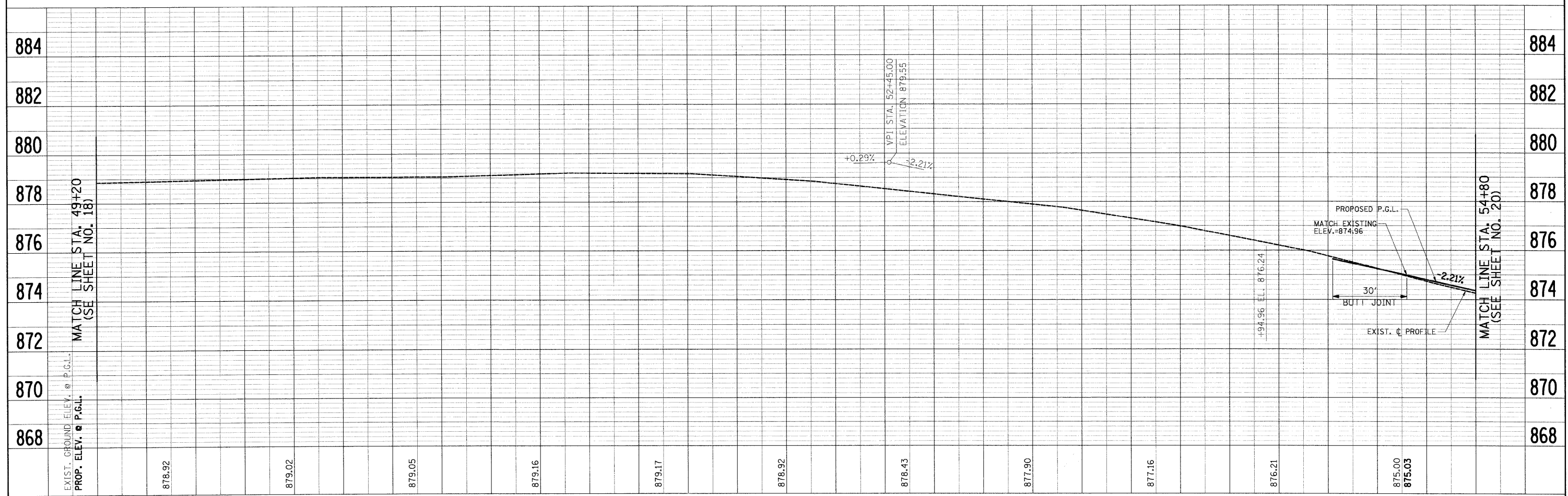
PROFILE	SURVEYED	BY	DATE
	PLANNED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	NO.		
	STRUCTURE NO./ATNS/CPKD		

- NOTES:
- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
 - TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).
 - THE BUTT JOINT REMOVAL SHALL BE PAID FOR AS "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" AND THE REPLACEMENT WILL BE FOR AS "HOT-MIX ASPHALT SURFACE COURSE".
 - TAPER THE PROPOSED AGGREGATE AND BITUMINOUS SHOULDERS 150' TO MEET THE PROPOSED WASTE TRANSFER FACILITY OMISSION SECTION.

PROJECT OMISSION
 STA. 34+03 TO STA. 54+53
 WASTE MANAGEMENT OF ILLINOIS
 VIRGINIA ROAD TRANSFER FACILITY
 (BY OTHERS)

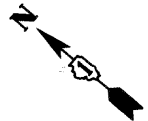


MEYER
 MATERIAL
 CORP.



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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	REVISED -	SCALE: 1"=20'			SHEET NO. 8 OF 15 SHEETS	STA. 49+20 TO STA. 54+80	CONTRACT NO. 63195			
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)								

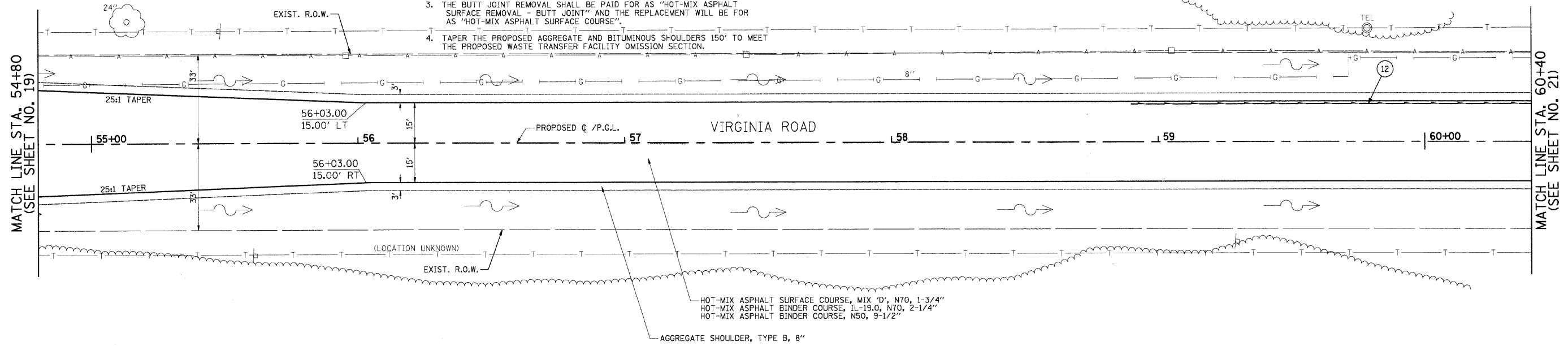
12 200' - 4" PIPE UNDERDRAIN
TBF = 10 CY



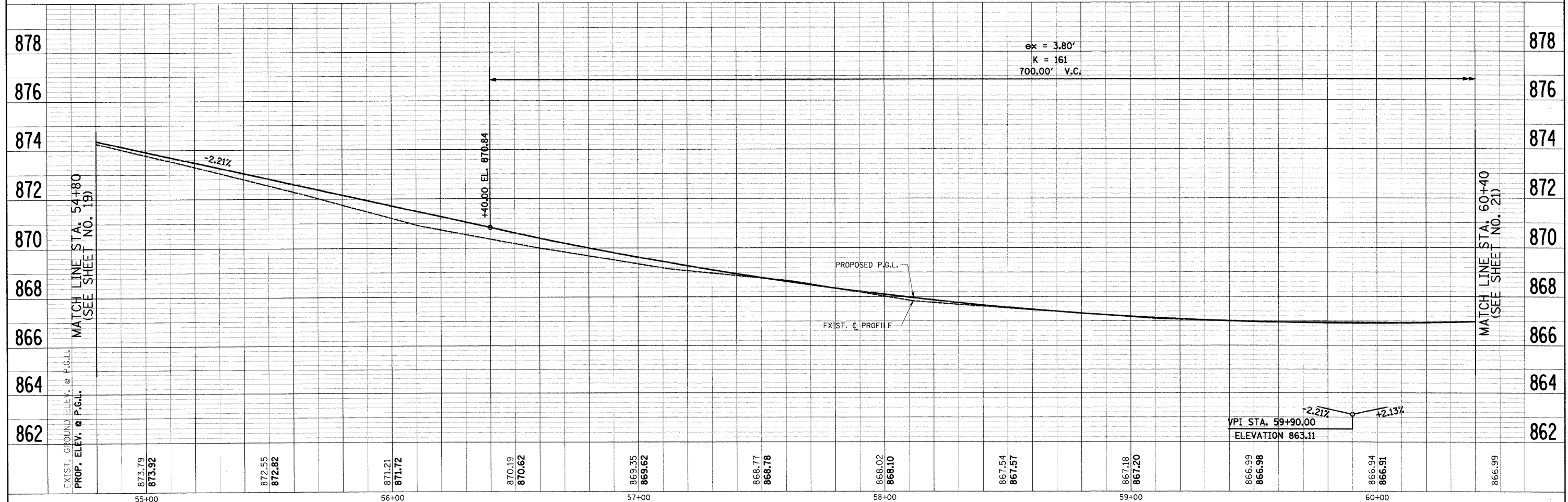
NOTES:

- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
- TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).
- THE BUTT JOINT REMOVAL SHALL BE PAID FOR AS "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" AND THE REPLACEMENT WILL BE FOR AS "HOT-MIX ASPHALT SURFACE COURSE".
- TAPER THE PROPOSED AGGREGATE AND BITUMINOUS SHOULDERS 150' TO MEET THE PROPOSED WASTE TRANSFER FACILITY OMISSION SECTION.

PLAN	SURVEYED	DATE
	BY	
	PLANNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	PAID FILE NAME	



PROFILE	SURVEYED	DATE
	BY	
	PLANNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	STRUCTURE NOTATION'S CHKD	

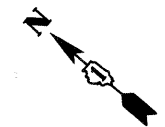


FILE NAME =	USER NAME = ara	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE VIRGINIA ROAD	F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
j:\2211\oad\sheet\2211-sht-pp9.dgn		DRAWN - ARA	REVISED -			0121	03-00362-00-PV	MCHENRY	54	20	
PLOT SCALE = 20.00' / IN.		CHECKED - GAB	REVISED -			CONTRACT NO. 63195					
PLOT DATE = 5/27/2009		DATE - 5-28-09	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)					

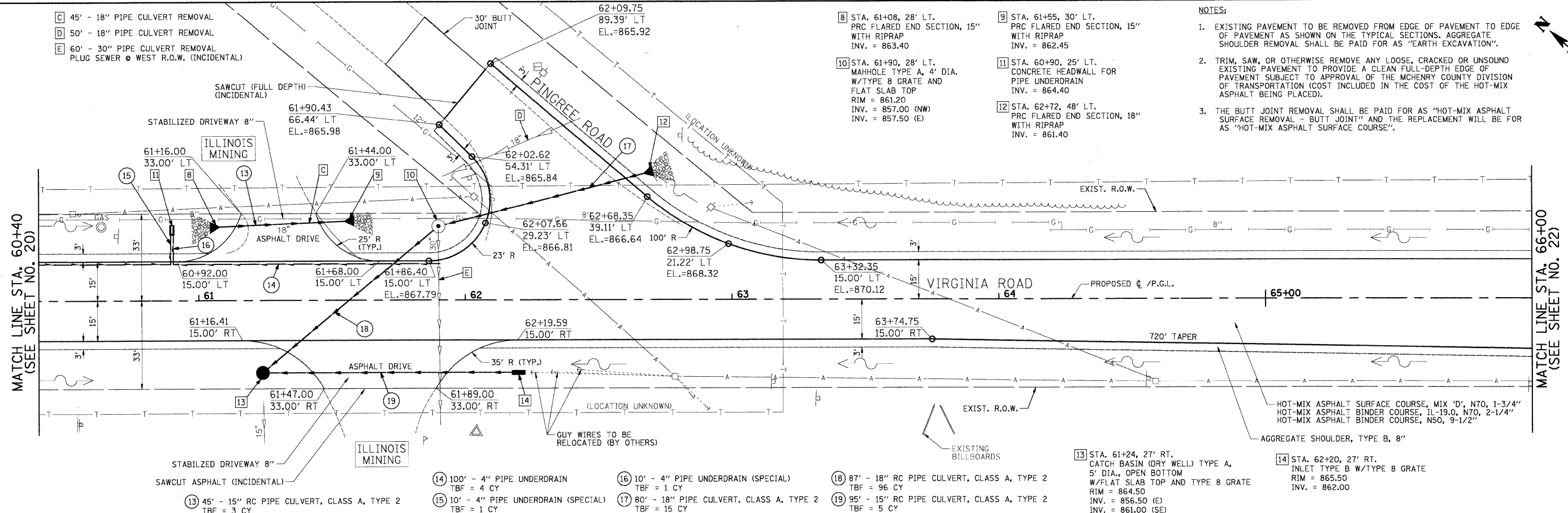
- C 45' - 18" PIPE CULVERT REMOVAL
- D 50' - 18" PIPE CULVERT REMOVAL
- E 60' - 30" PIPE CULVERT REMOVAL
PLUG SEWER @ WEST R.O.W. (INCIDENTAL)

NOTES:

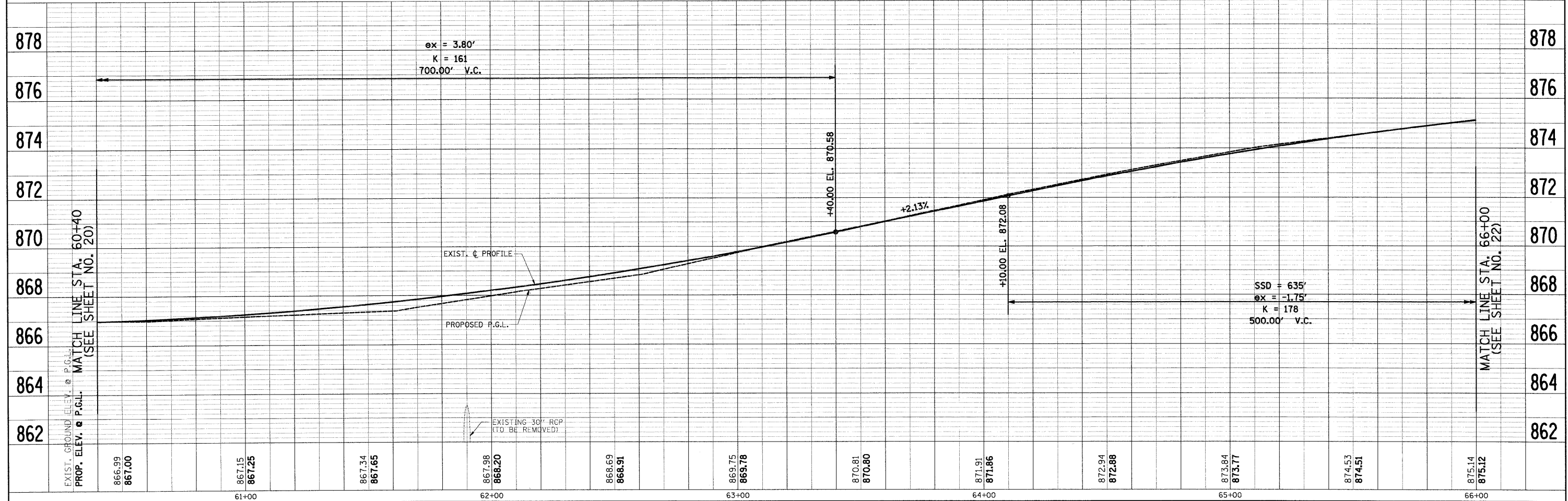
1. EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
2. TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).
3. THE BUTT JOINT REMOVAL SHALL BE PAID FOR AS "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" AND THE REPLACEMENT WILL BE FOR AS "HOT-MIX ASPHALT SURFACE COURSE".



PLAN	SURVEYED	BY	DATE
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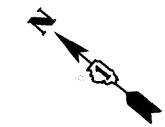


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	PLOTTED		
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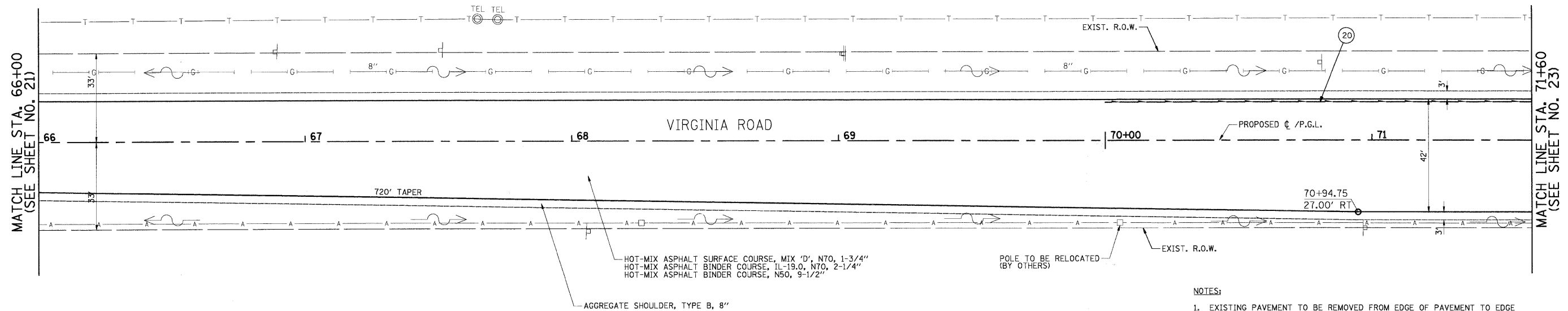


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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	REVISED -	SCALE: 1"=20'			SHEET NO. 10 OF 15 SHEETS	STA. 60+40 TO STA. 66+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT: M-9003(255)	CONTRACT NO. 63195	
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -									

20' 200' - 4" PIPE UNDERDRAIN
TBF = 7 CY

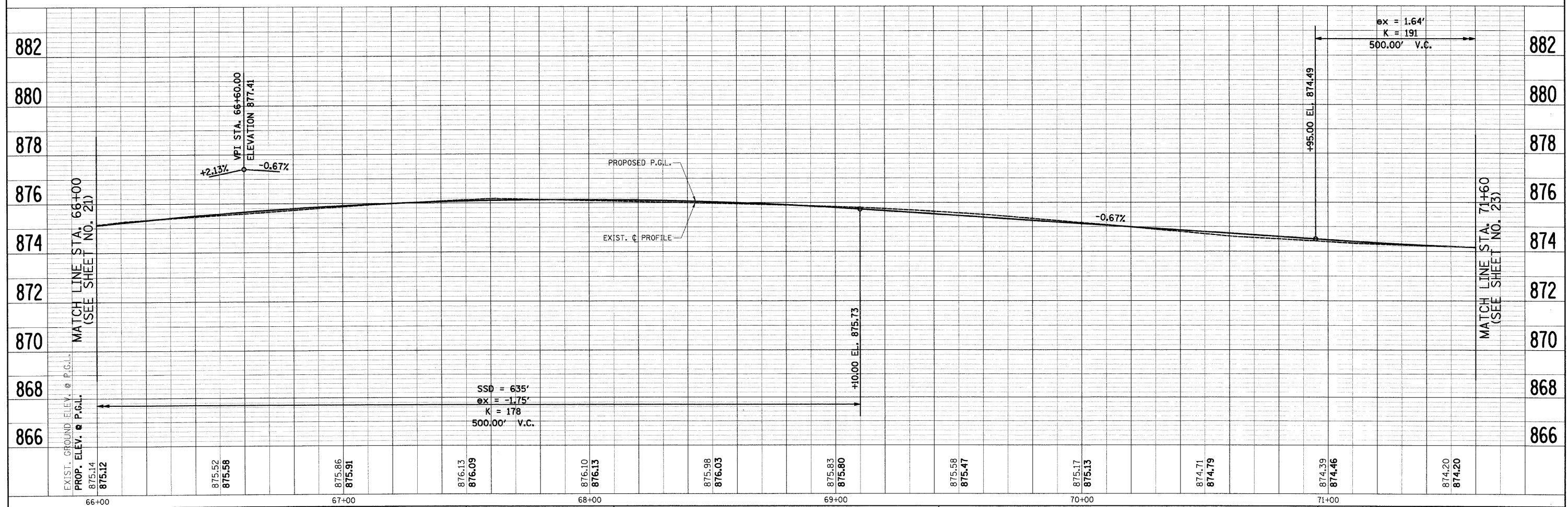


PLAN	SURVEYED	BY	DATE
	PLANNED		
	DESIGNED		
	CHECKED		
	NOTED		
	BY		
	DATE		



- NOTES:**
- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
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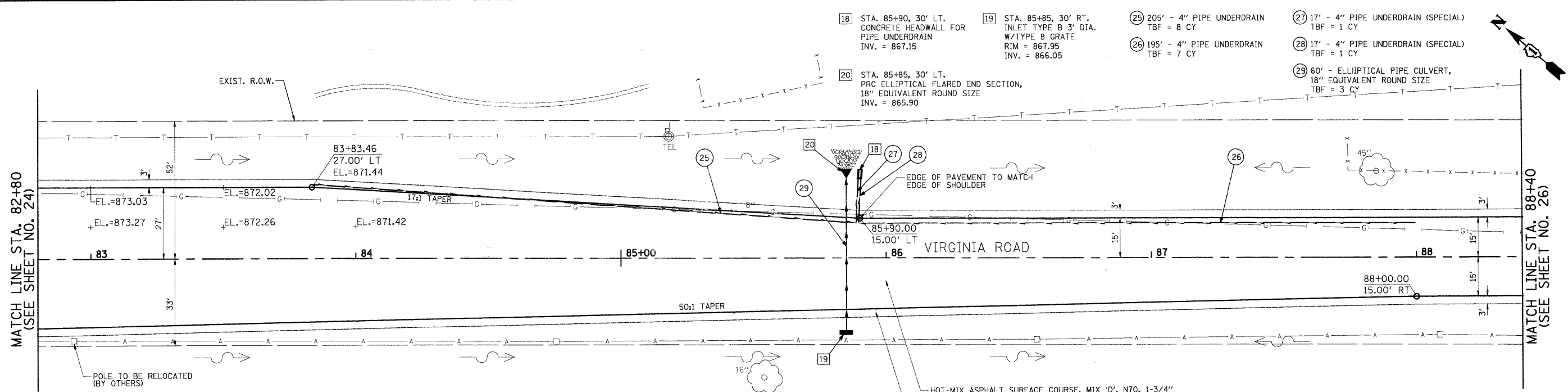
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	PLANNED		
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	NOTED		
	BY		
	DATE		



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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	REVISED -	SCALE: 1"=20'		SHEET NO. 11 OF 15 SHEETS	STA. 66+00 TO STA. 71+60	CONTRACT NO. 63195		ILLINOIS FED. AID PROJECT: M-9003(255)		
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -									

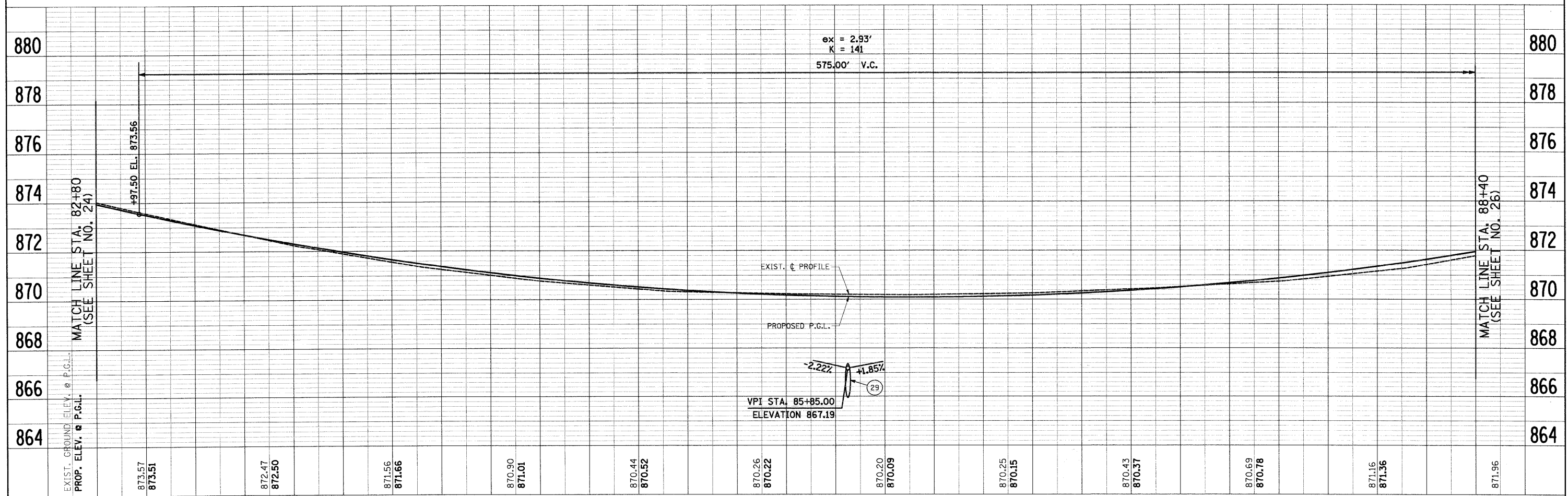
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	ALIGNED	BY
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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	NO.	

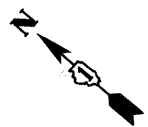


- NOTES:**
- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
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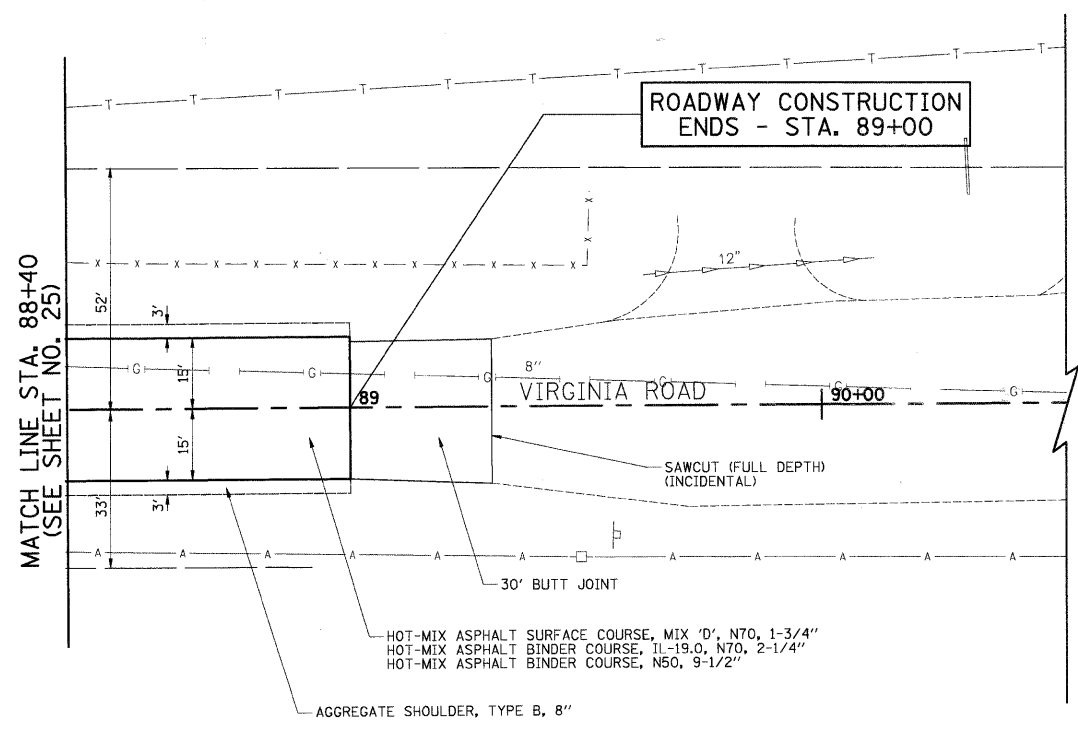
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
HOT-MIX ASPHALT BINDER COURSE, N50, 9-1/2"
AGGREGATE SHOULDER, TYPE B, 8"



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PLOT SCALE = 20.00' / IN.	CHECKED - GAB	REVISED -	SCALE: 1"=20'			SHEET NO. 14 OF 15 SHEETS	STA. 82+80 TO STA. 88+40	CONTRACT NO. 63195			
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)								



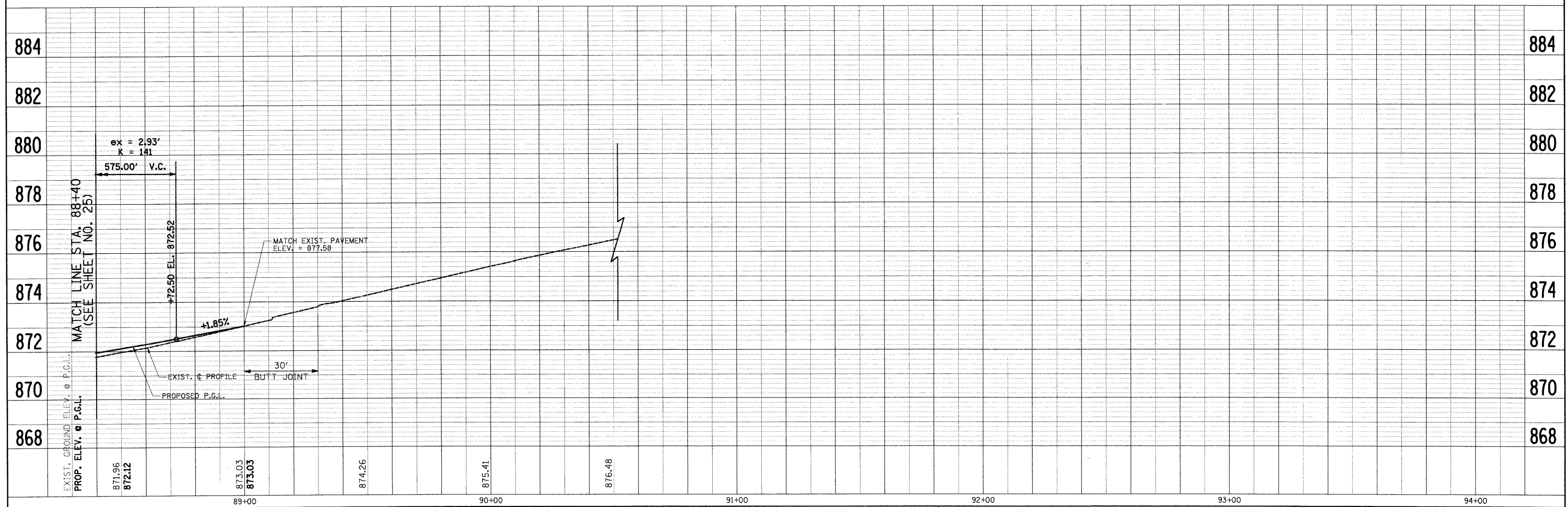
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	ALIGNED		
	CHECKED		
	BT. OF WAY CHECKED		
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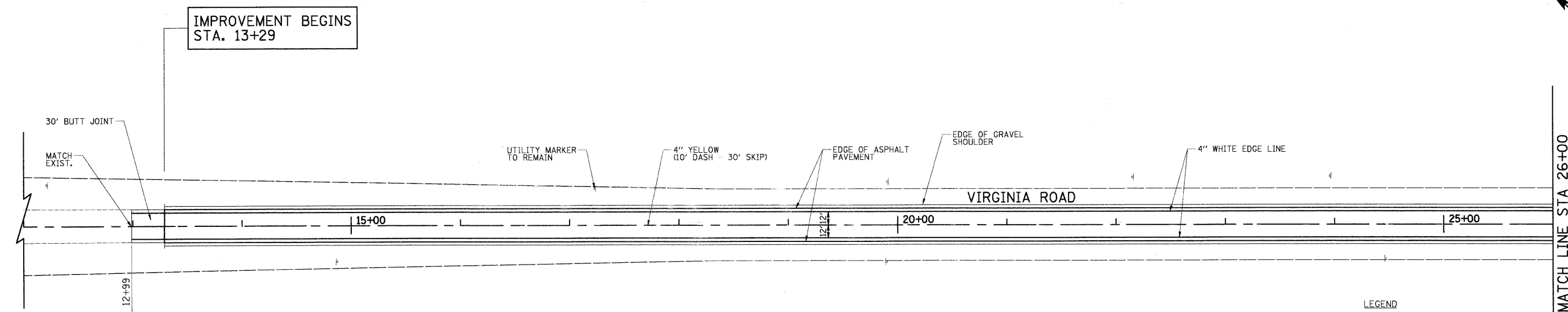
NOTES:

- EXISTING PAVEMENT TO BE REMOVED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT AS SHOWN ON THE TYPICAL SECTIONS. AGGREGATE SHOULDER REMOVAL SHALL BE PAID FOR AS "EARTH EXCAVATION".
- TRIM, SAW, OR OTHERWISE REMOVE ANY LOOSE, CRACKED OR UNSOUND EXISTING PAVEMENT TO PROVIDE A CLEAN FULL-DEPTH EDGE OF PAVEMENT SUBJECT TO APPROVAL OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (COST INCLUDED IN THE COST OF THE HOT-MIX ASPHALT BEING PLACED).
- THE BUTT JOINT REMOVAL SHALL BE PAID FOR AS "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" AND THE REPLACEMENT WILL BE FOR AS "HOT-MIX ASPHALT SURFACE COURSE".

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
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	STRUCTURE NOTATIONS DIVD		
	NO.		



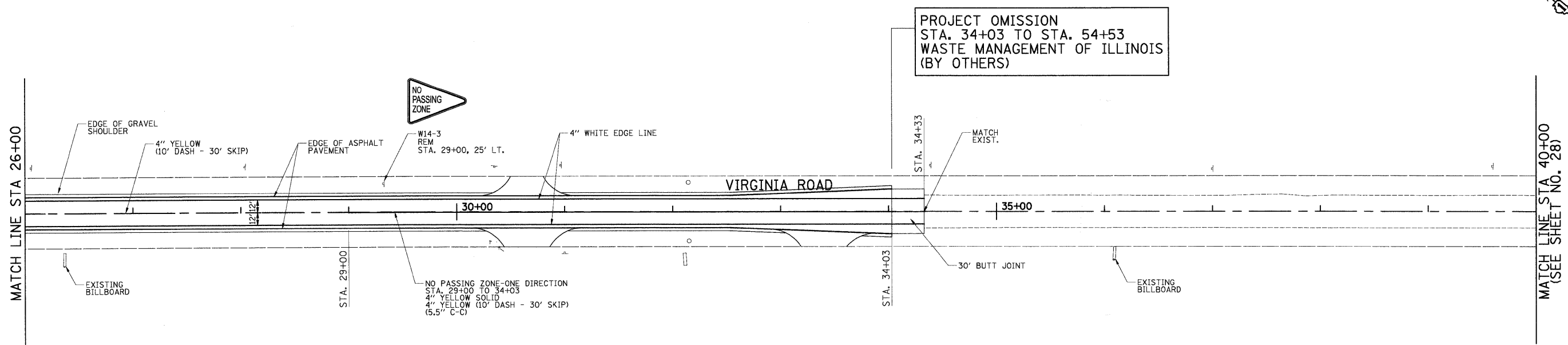
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PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -									



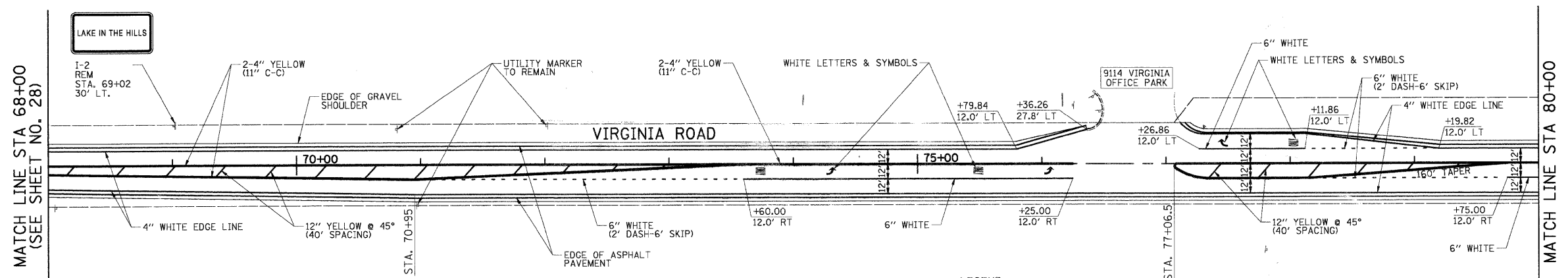
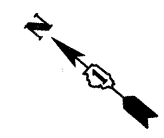
- GENERAL NOTES**
- DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
 - SEE I.D.O.T. DETAIL TC-13 (SHEET NO. 37) FOR TURN LANE MARKING DETAILS.
 - ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE INDICATED.
 - SEE SHEET NO. 3 FOR ADDITIONAL SIGNING REQUIREMENTS.
 - REMOVE ANY CONFLICTING RAISED/RECESSED REFLECTIVE PAVEMENT MARKERS WITHIN THE PROJECT LIMITS ON VIRGINIA ROAD.
 - INSTALL NEW RECESSED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH I.D.O.T. DETAIL TC-11 (SHEET NO. 36).

LEGEND

REM	SIGN PANEL ASSEMBLY TO REMAIN
NEW	SIGN PANEL TYPE 1 AND TELESCOPING STEEL SIGN SUPPORT (SPECIAL)
REL E	RELOCATE SIGN PANEL ASSEMBLY, TYPE A AND EXISTING TELESCOPING STEEL SIGN SUPPORT
REL N	RELOCATE SIGN PANEL ASSEMBLY, TYPE A AND NEW TELESCOPING STEEL SIGN SUPPORT (SPECIAL)
+	EXISTING SIGN
+	PROPOSED SIGN
+	PROPOSED WHITE LETTERS AND SYMBOLS

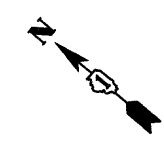
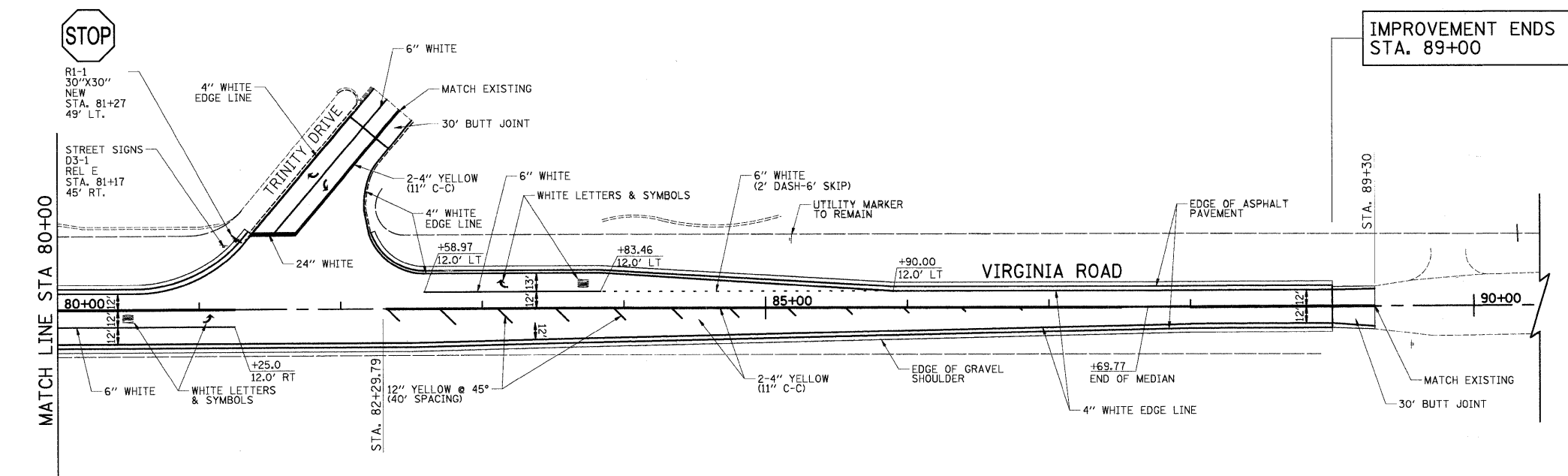


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PLOT SCALE = 50.00' / IN.	CHECKED - GAB	DATE = 5-28-09	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 3 SHEETS	STA. 13+29 TO STA. 40+00	CONTRACT NO. 63195				
PLOT DATE = 5/27/2009	DATE = 5-28-09	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)							



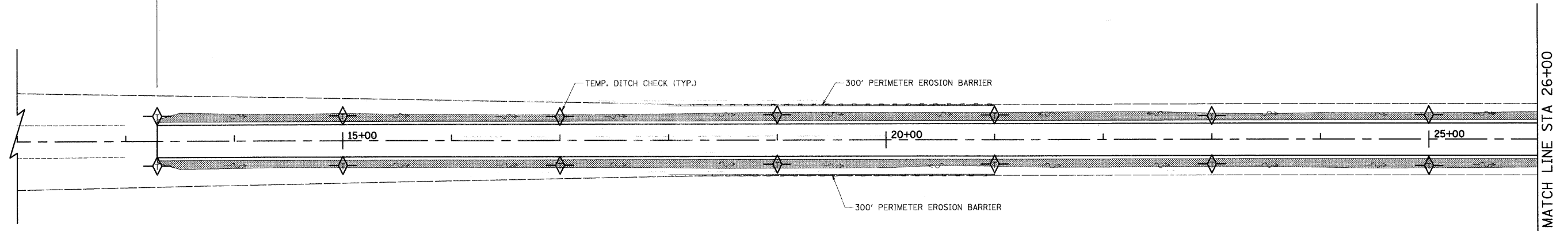
- GENERAL NOTES**
1. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
 2. SEE I.D.O.T. DETAIL TC-13 (SHEET NO. 37) FOR TURN LANE MARKING DETAILS.
 3. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE INDICATED.
 4. SEE SHEET NO. 3 FOR ADDITIONAL SIGNING REQUIREMENTS.
 5. REMOVE ANY CONFLICTING RAISED/RECESSED REFLECTIVE PAVEMENT MARKERS WITHIN THE PROJECT LIMITS ON VIRGINIA ROAD.
 6. INSTALL NEW RECESSED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH I.D.O.T. DETAIL TC-11 (SHEET NO. 36).

- LEGEND**
- REM SIGN PANEL ASSEMBLY TO REMAIN
 - NEW SIGN PANEL TYPE 1 AND TELESCOPING STEEL SIGN SUPPORT (SPECIAL)
 - REL E RELOCATE SIGN PANEL ASSEMBLY, TYPE A AND EXISTING SIGN SUPPORT
 - REL N RELOCATE SIGN PANEL ASSEMBLY, TYPE A AND NEW TELESCOPING STEEL SIGN SUPPORT (SPECIAL)
 - ⊥ EXISTING SIGN
 - ⊥ PROPOSED SIGN
 - PROPOSED WHITE LETTERS AND SYMBOLS








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PLOT SCALE = 50.00' / IN.	CHECKED - GAB	REVISED -	0121			03-00362-00-PV	MCHENRY	54	29	
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -	CONTRACT NO. 63195							
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)							
					SCALE: 1"=50'	SHEET NO. 3 OF 3 SHEETS		STA. 68+00 TO STA. 89+00		

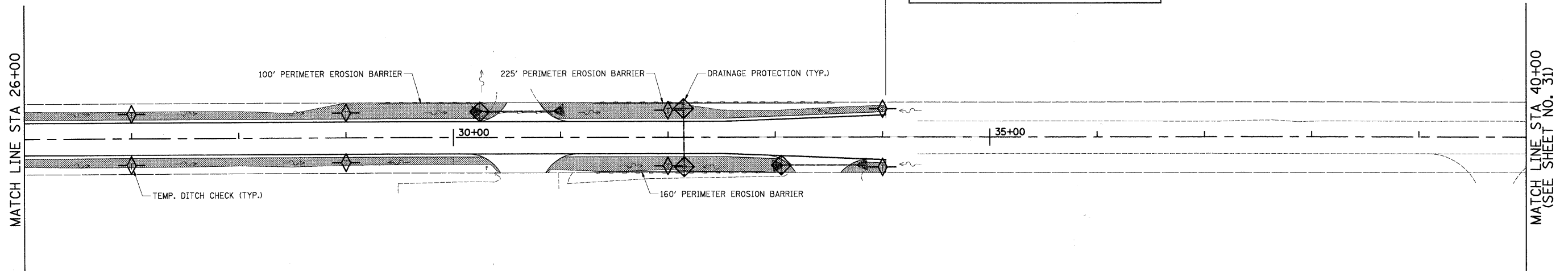
IMPROVEMENT BEGINS
STA. 13+29



LEGEND

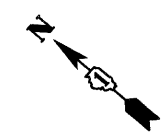
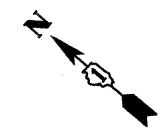
-  SEEDING CLASS 2A
-  TEMPORARY DITCH CHECK
-  DITCH FLOW
-  PERIMETER EROSION BARRIER
-  DRAINAGE PROTECTION
(PAID FOR AS PERIMETER EROSION BARRIER)
(INSTALL PER IDOT STD. 280001-04)

PROJECT OMISSION
STA. 34+03 TO STA. 54+53
WASTE MANAGEMENT OF ILLINOIS
(BY OTHERS)



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	PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -			CONTRACT NO. 63195			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)	

SCALE: 1"=50' SHEET NO. 1 OF 3 SHEETS STA. 13+29 TO STA. 40+00



MATCH LINE STA. 40+00
(SEE SHEET NO. 30)

MATCH LINE STA. 54+00




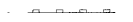

MATCH LINE STA. 54+00

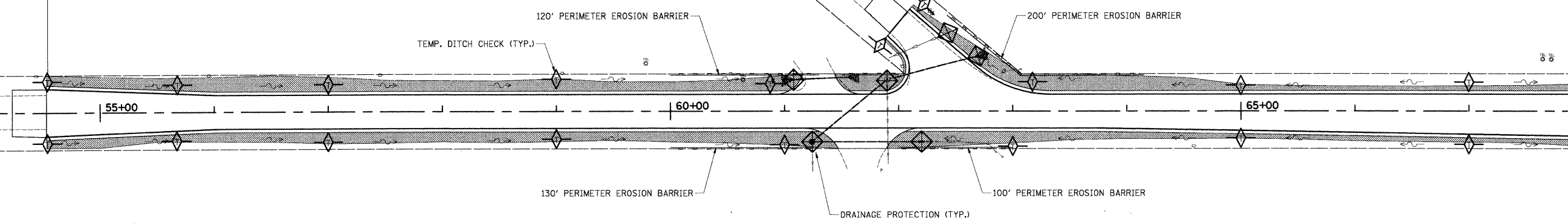
MATCH LINE STA. 68+00
(SEE SHEET NO. 32)

40+00 45+00 50+00

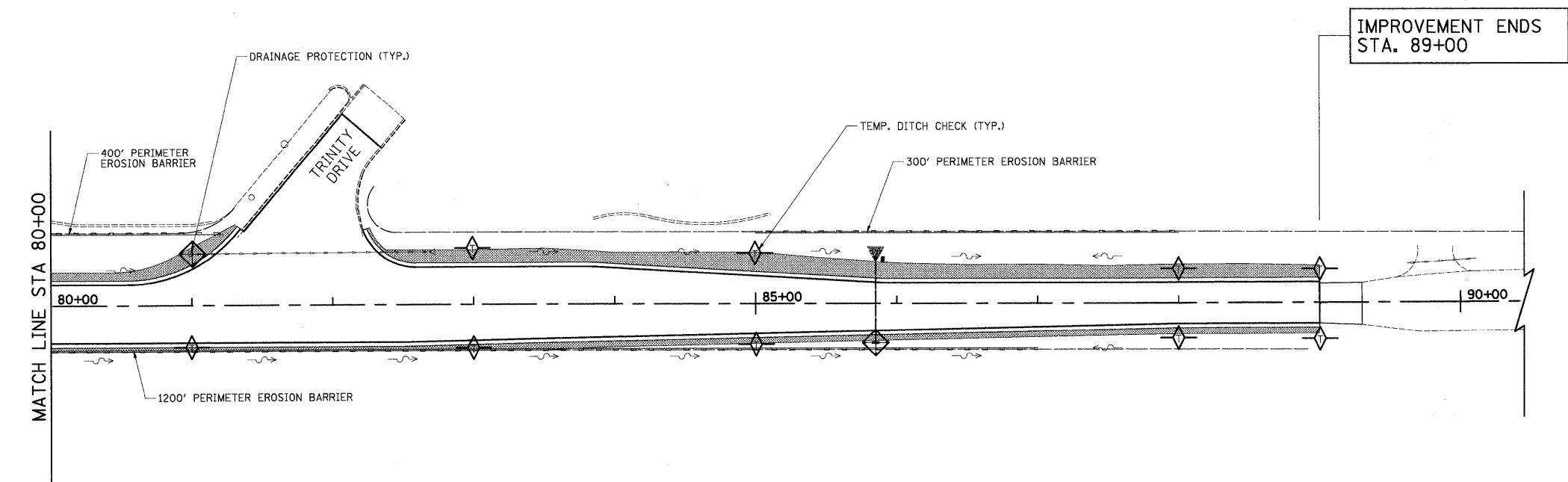
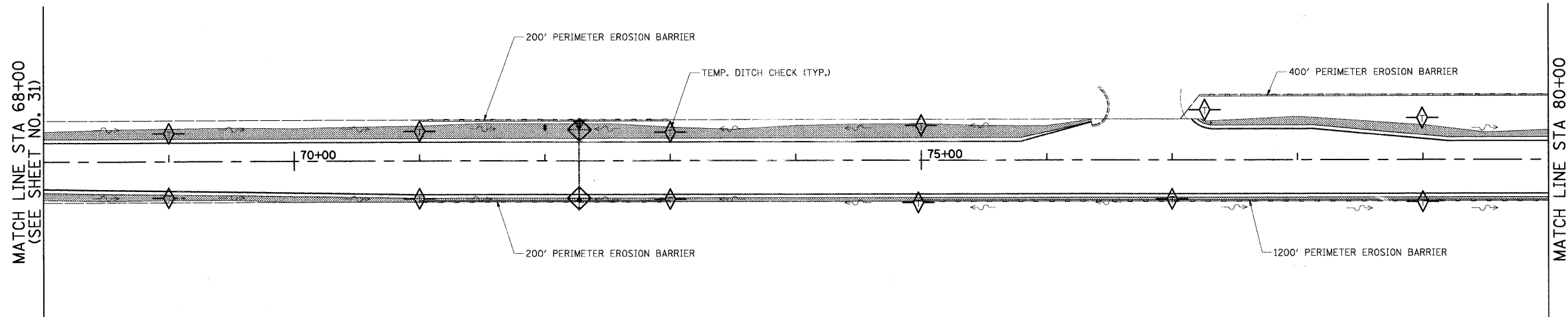
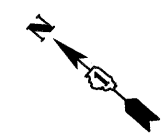
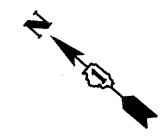
PROJECT OMISSION
STA. 34+03 TO STA. 54+53
WASTE MANAGEMENT OF ILLINOIS
(BY OTHERS)

LEGEND




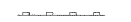

-  SEEDING CLASS 2A
-  TEMPORARY DITCH CHECK
-  DITCH FLOW
-  PERIMETER EROSION BARRIER
-  DRAINAGE PROTECTION
(PAID FOR AS PERIMETER EROSION BARRIER)
(INSTALL PER IDOT STD. 280001-04)



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	PLOT SCALE = 50.00' / IN.	CHECKED - GAB	REVISED -			0121	03-00362-00-PV	MCHENRY	54	31
PLOT DATE = 5/27/2009	DATE - 5-28-09	REVISED -	REVISED -	SCALE: 1"=50'	SHEET NO. 2 OF 3 SHEETS	STA. 40+00 TO STA. 68+00	CONTRACT NO. 63195			
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)				



LEGEND

	SEEDING CLASS 2A
	TEMPORARY DITCH CHECK
	DITCH FLOW
	PERIMETER EROSION BARRIER
	DRAINAGE PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER) (INSTALL PER IDOT STD. 280001-04)

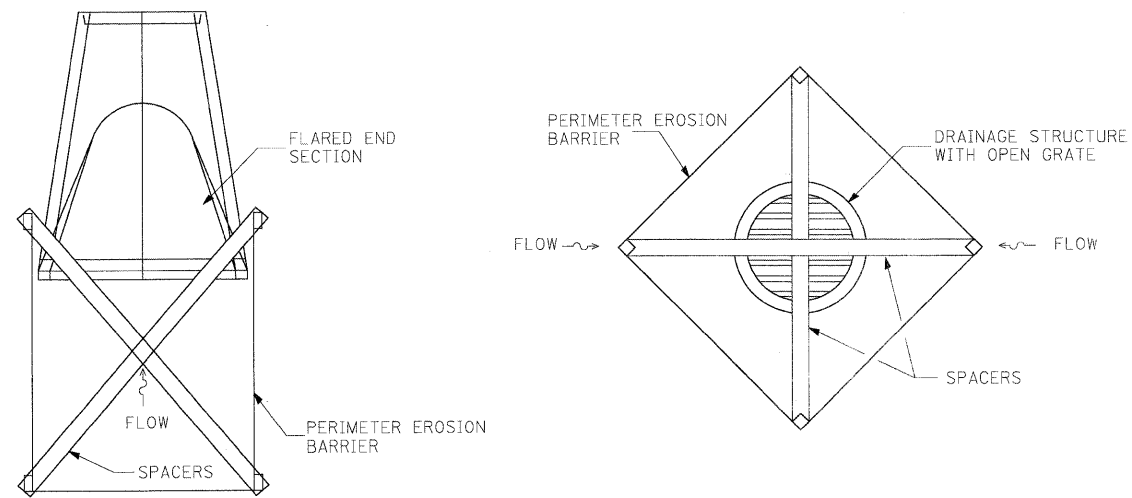
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		CHECKED - GAB	REVISED -
		DATE - 5-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING AND EROSION CONTROL PLAN VIRGINIA ROAD			
SCALE: 1"=50'	SHEET NO. 3 OF 3 SHEETS	STA. 68+00 TO STA. 89+00	

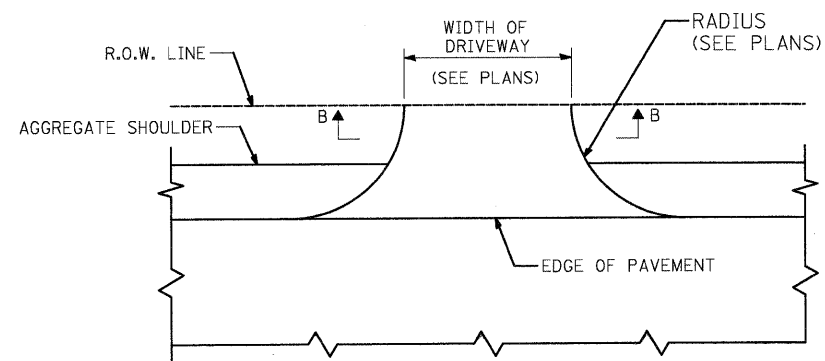
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FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT: M-9003(255)		

CONTRACT NO. 63195

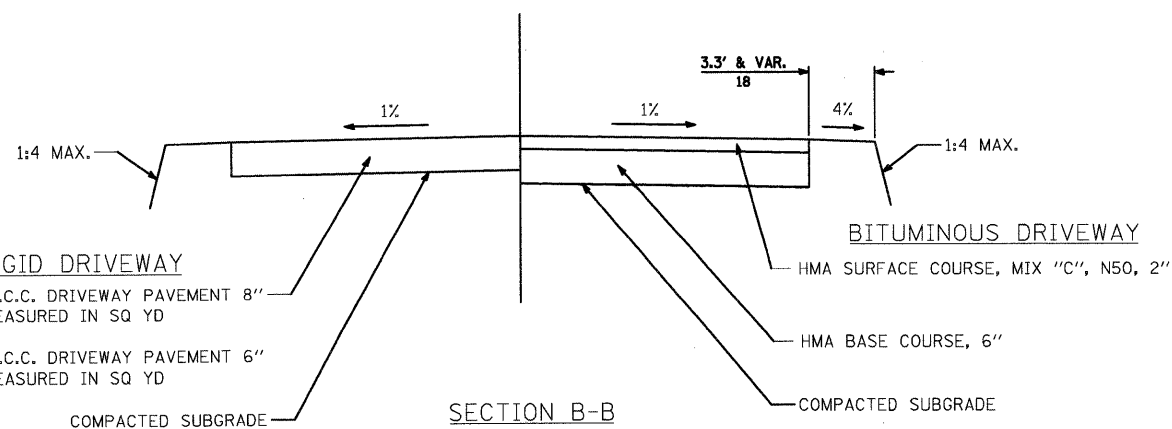


*INSTALL PER IDOT STANDARD 280001-04
 **PAID FOR AS PERIMETER EROSION BARRIER

DRAINAGE PROTECTION
 NOT TO SCALE



STABILIZED DRIVEWAYS (ADJACENT TO AGGREGATE SHOULDER) COMMERCIAL

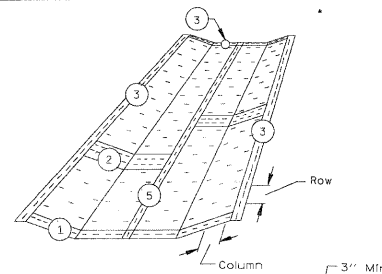


SECTION B-B

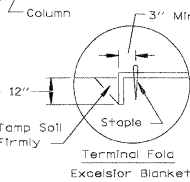
(CE): P.C.C. DRIVEWAY PAVEMENT 8" MEASURED IN SQ YD

(PE): P.C.C. DRIVEWAY PAVEMENT 6" MEASURED IN SQ YD

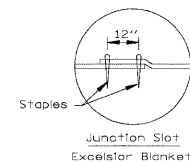
EROSION CONTROL BLANKET



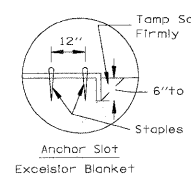
DETAIL 1



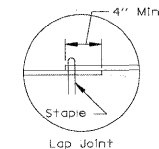
DETAIL 2



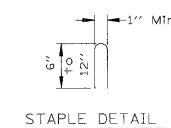
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DETAIL 3



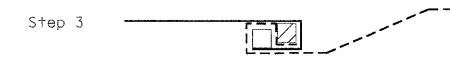
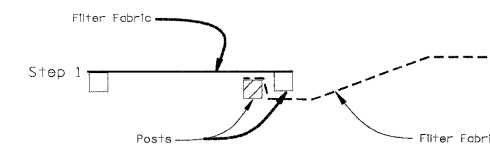
DETAIL 5



NOTES:

1. Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4' x 225' roll of material and 125 staples are required per 4' x 150' roll of material.
2. Erosion control material shall be placed loosely over ground surface. Do not stretch.
3. All terminal ends and transverse laps shall be stapled at approximately 12" intervals.

SILT FENCE

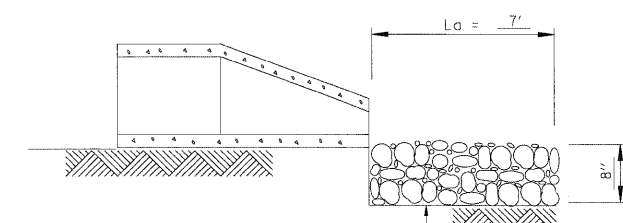
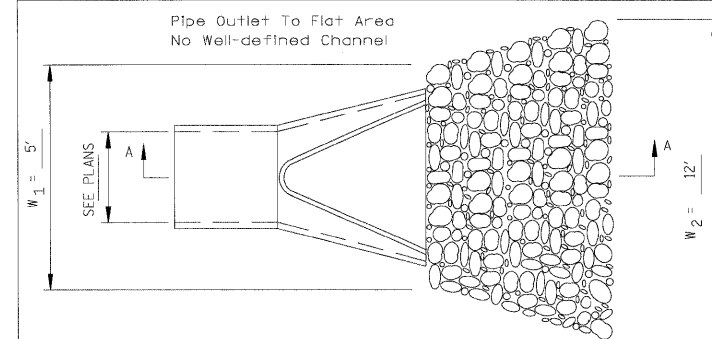


ATTACHING TWO SILT FENCES

NOTES:

1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

PIPE OUTLET TO FLAT AREA

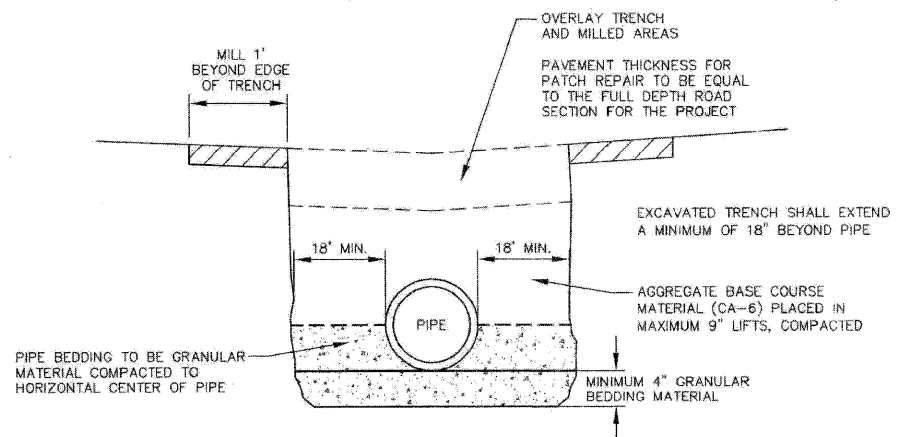


NOTES:

1. The rock riprap shall meet the IDOT requirements for the following gradation: RR 3, Quality A

GENERAL NOTES:

- 1) DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON PLANS.



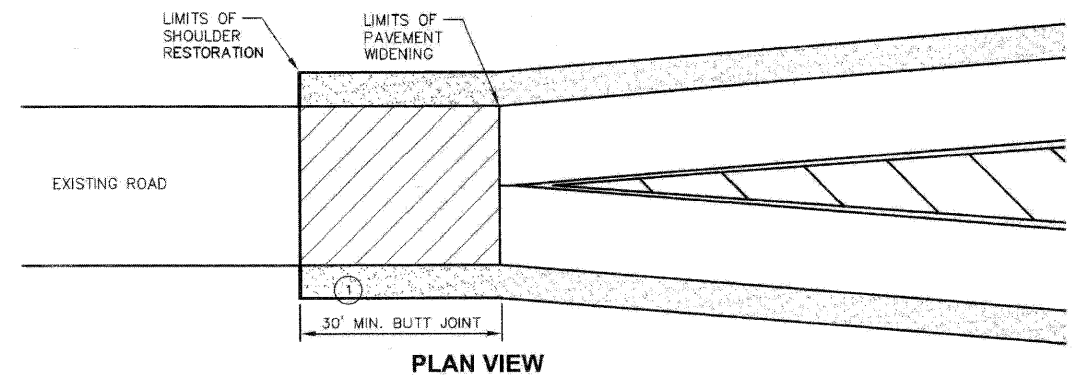
NOTES:

1. OPEN CUTTING OF COUNTY HIGHWAY PAVEMENTS TO BE AT DISCRETION OF MCDOT.
2. WHEN BACKFILLING, TRENCH BACKFILL MATERIAL MUST HAVE SUFFICIENT MOISTURE CONTENT TO OBTAIN THE REQUIRED COMPACTION (REFER TO IDOT STANDARD SPECIFICATIONS).
3. BACKFILLING OF PIPE OR CULVERTS SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF THE PIPE TO ENSURE PIPE IS NOT DEFORMED OR DISPLACED FROM UNEQUAL LOADING / SIDE PRESSURES.
4. TRENCH WIDTH SHALL BE WIDE ENOUGH TO ALLOW FOR PLACEMENT OF THE PIPE AND REQUIRED COMPACTION EQUIPMENT.

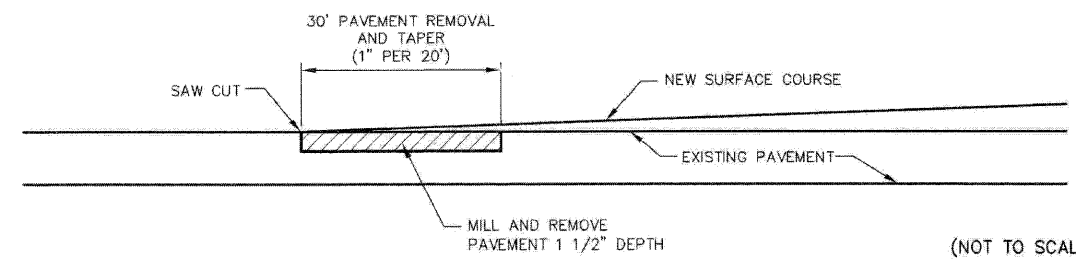
(NOT TO SCALE)

McHenry County
Division of Transportation
 PERMIT PROCEDURES DETAIL NO. PPD15
PIPE TRENCH DETAIL
 EMERGENCY REPAIRS OR MCDOT PERMITTED
 WORK WITHIN COUNTY HIGHWAY R.O.W.

REV. 10/09/01	INIT. RELEASE
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PLAN VIEW



PROFILE DETAIL

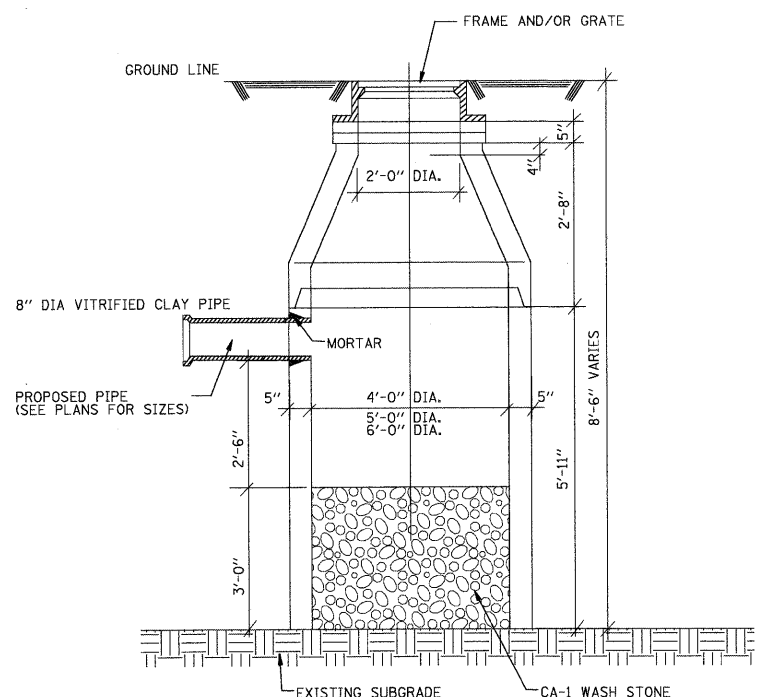
(NOT TO SCALE)

NOTES:

1. BUTT JOINT SHALL BE LOCATED BEYOND THE NEW WIDENING.

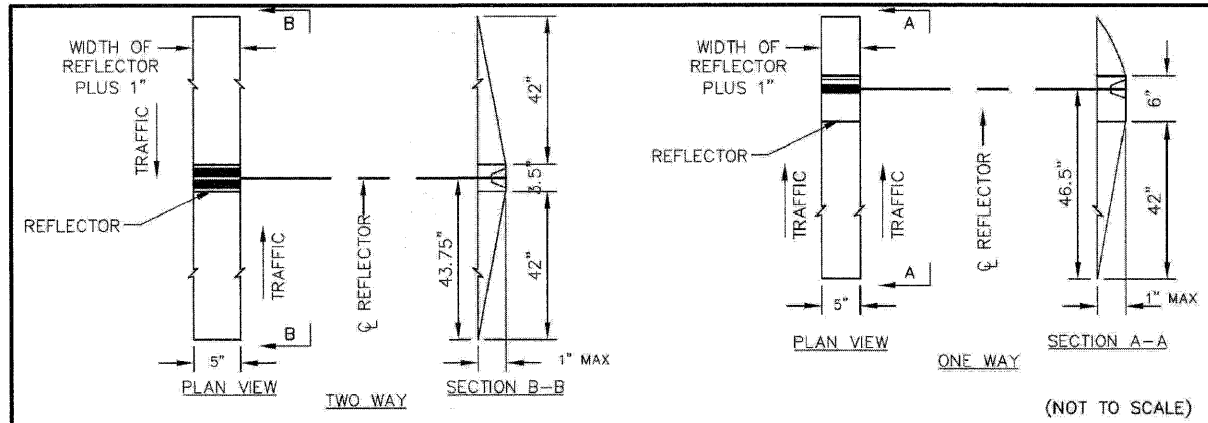
McHenry County
Division of Transportation
 PERMIT PROCEDURES DETAIL NO. PPD9
TYPICAL BUTT JOINT DETAIL

REV. 10/09/01	INIT. RELEASE
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NOTE
 DRY WELL WILL HAVE AN OPEN BOTTOM WITH
 3' OF CA-1 GRADE STONE

CATCH BASIN, TYPE A (DRY WELL)



RECESSED REFLECTIVE PAVEMENT MARKERS

GENERAL CONDITIONS

IT IS THE INTENT OF THESE SPECIFICATIONS TO DESCRIBE THE LABOR AND MATERIALS REQUIRED FOR THE REFLECTORIZED PAVEMENT MARKERS OF SPECIFIC COUNTY ROADS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND ROADS, PART III, MARKINGS ON THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ALL WORK SHALL COMPLY WITH SECTION 781 OF THE STANDARD SPECIFICATIONS.

INSTALLATION

THE RECESSED REFLECTIVE PAVEMENT MARKERS SHALL BE CONSTRUCTED BY REMOVING A 5" X 24" AREA OF THE BITUMINOUS PAVEMENT AT A DEPTH OF 3/4". THIS DEPRESSED AREA SHALL BE TAPERED VERTICALLY FROM THE FULL DEPTH OF 3/4 INCHES TO 0 INCHES IN 30 INCHES AT BOTH ENDS FOR THE TWO-WAY MARKERS AND AT THE APPROACH END ONLY FOR THE ONE-WAY MARKERS. THE DEPRESSED AREA SHALL BE ORIENTATED LENGTHWISE AND LONGITUDINALLY WITH RESPECT TO THE ROADWAY.

A 3M 290 SERIES PAVEMENT MARKER OR APPROVED EQUIVALENT SHALL BE PLACED AND CEMENTED WITH EPOXY IN THE CENTER OF THE 3/4" DEEP DEPRESSED AREA.

THE RECESSED AREA SHALL BE CLEANED FREE OF ALL LOOSE MATERIAL BY MEANS OF SAND BLASTING AND ALSO FREE OF MOISTURE BEFORE THE PLACEMENT OF THE PAVEMENT MARKER. ALL EXCESS MATERIAL RESULTING FROM THE CONSTRUCTION OF THE RECESSED AREA SHALL BE COMPLETELY REMOVED FROM THE SURFACE OF THE ROADWAY BY MEANS OF VACUUM SWEEPER TRUCK.

INSTALLATION NOTES:

1. SAWCUT (IN DIMENSION SHOWN).
2. SAWCUT AREAS TO BE DRY AND FREE OF MATERIAL THAT ADVERSELY AFFECTS THE ADHESIVE BOND.
3. INSTALL THE REFLECTOR WITH AN APPROVED TWO-COMPONENT EPOXY ADHESIVE, EPOXY SHOULD NOT OBSCURE OR BLOCK THE LENS.
4. INSTALL TOP OF REFLECTOR 1/2" TO 1/4" INCH BELOW THE PAVEMENT SURFACE.
5. REFLECTOR SHALL BE 3M SERIES.

GENERAL NOTES:

1. INSTALLATION SHALL CONFORM IN IDOT HIGHWAY STANDARDS 781001-02 (OR LATEST) FOR MARKER PLACEMENTS.
2. IDOT STANDARD 781001-02 SHALL BE MODIFIED TO REFLECT IN RECESSED PAVEMENT MARKERS INSTEAD OF RAISED PAVEMENT MARKERS.

McHenry County
Division of Transportation
 PERMIT PROCEDURES DETAIL NO. PPD14
RECESSED REFLECTIVE PAVEMENT MARKING APPLICATION

REV. 10/09/01	INIT. RELEASE
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DRAWN - ARA	REVISIONS -
CHECKED - GAB	REVISIONS -
DATE - 5-28-09	REVISIONS -

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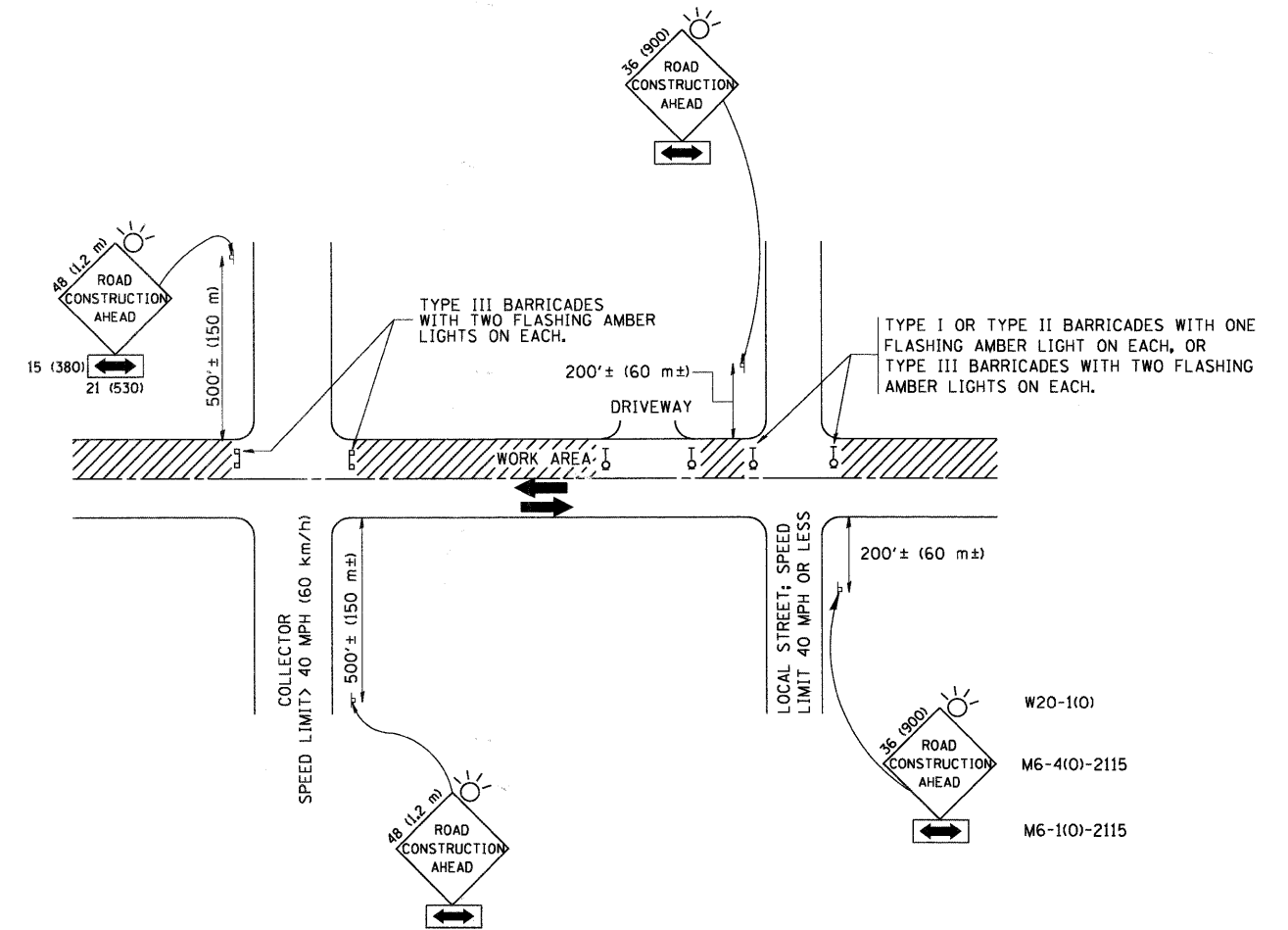
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
VIRGINIA ROAD

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	MCHENRY	54	34
FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: M-9003(255)			CONTRACT NO. 63195	



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

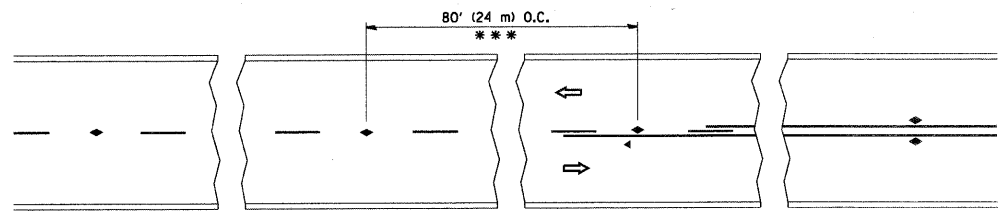
All dimensions are in millimeters (Inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 "/ IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

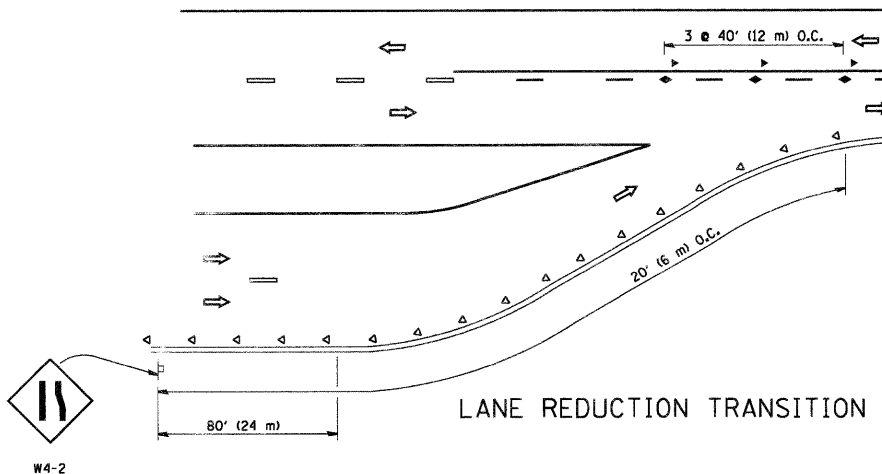
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	McHenry	54	35
TC-10			CONTRACT NO. 63195	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003(255)				

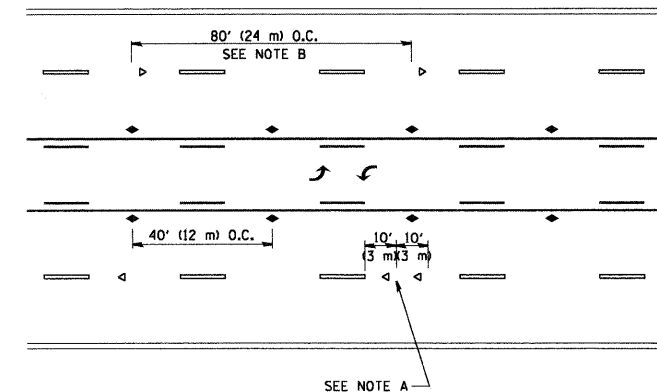


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

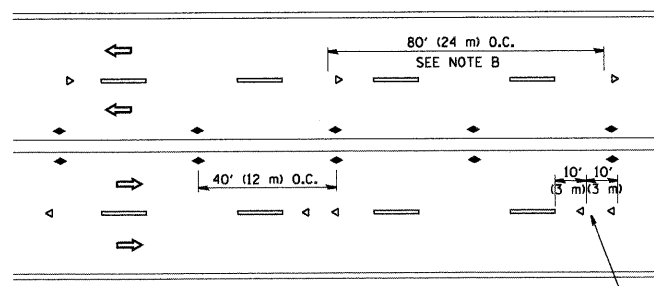
TWO-LANE/TWO-WAY



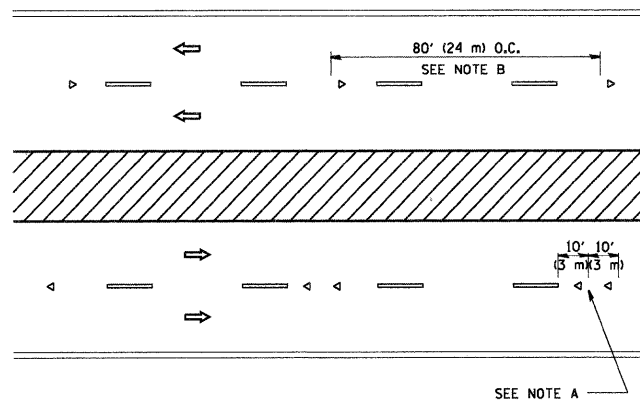
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

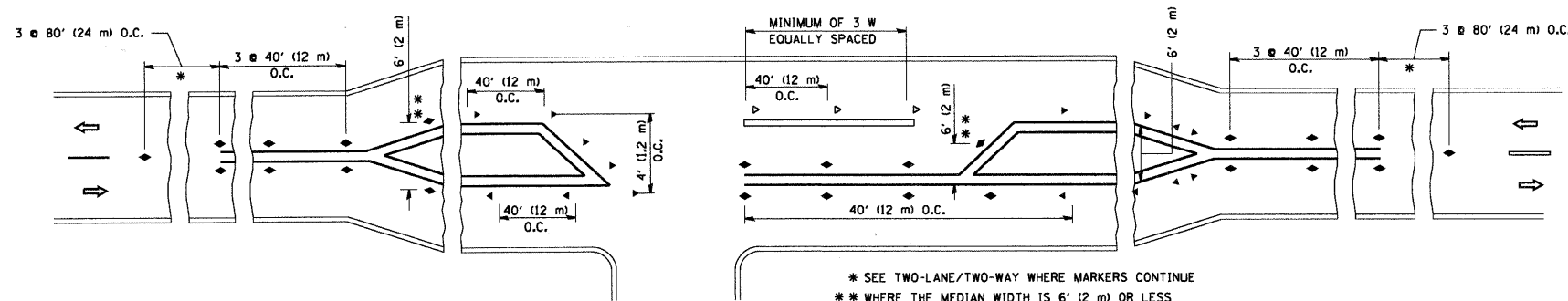
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (1.2 m) OR LESS USE TWO-WAY MARKERS.

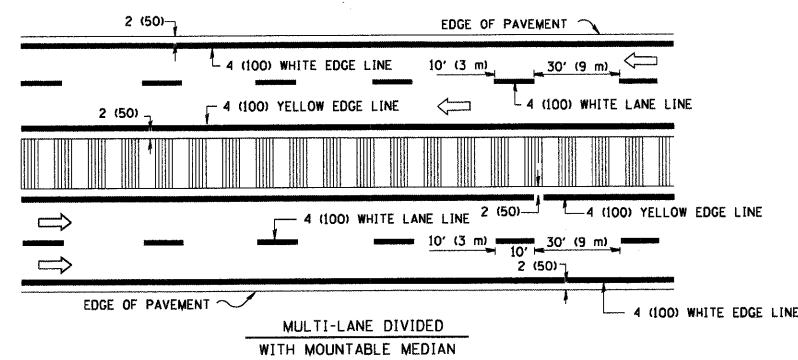
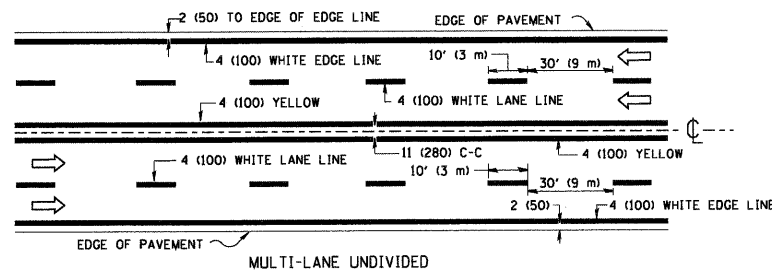
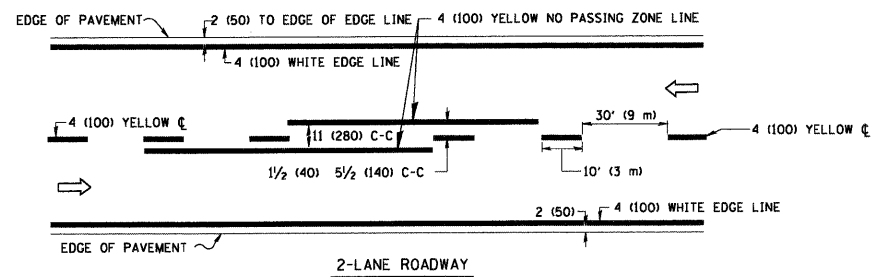
All dimensions are in inches (millimeters) unless otherwise shown.

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		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

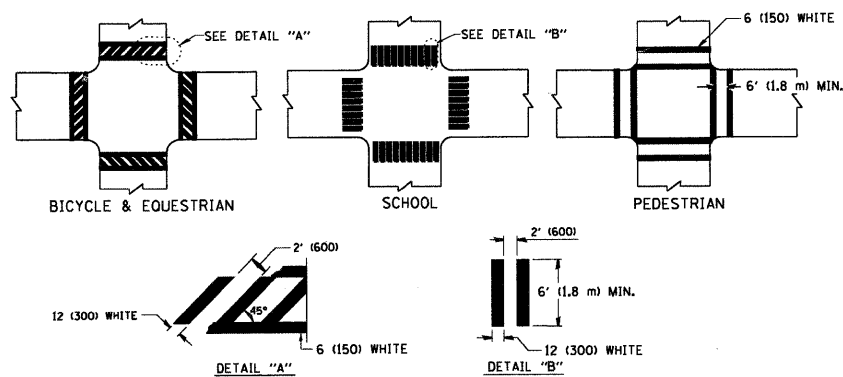
TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	McHenry	54	36
TC-11			CONTRACT NO. 63195	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003(255)				

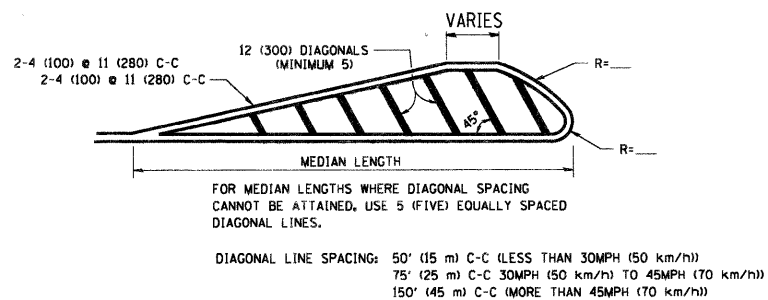
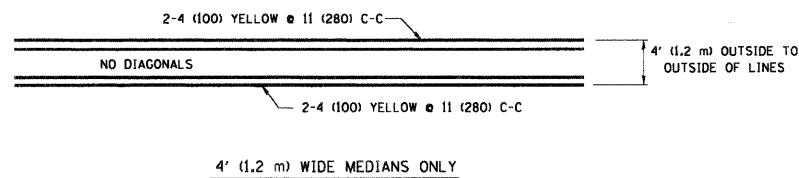


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

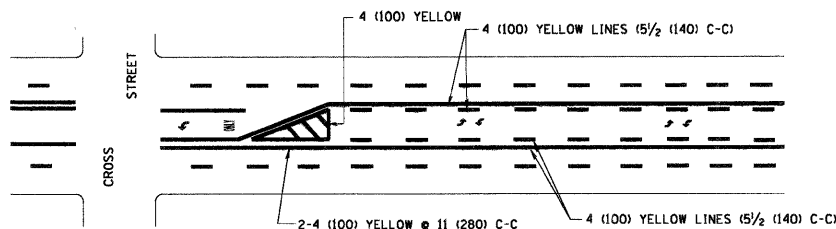
TYPICAL LANE AND EDGE LINE MARKING



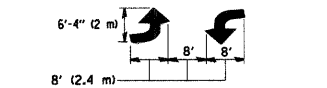
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE

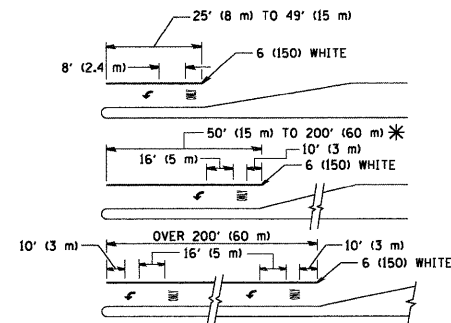


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

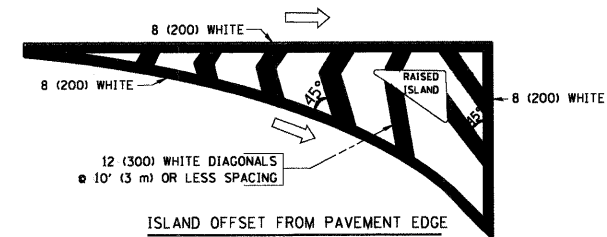


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

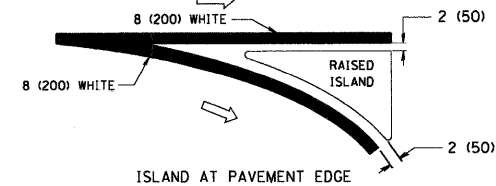
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in Inches (millimeters) unless otherwise shown.

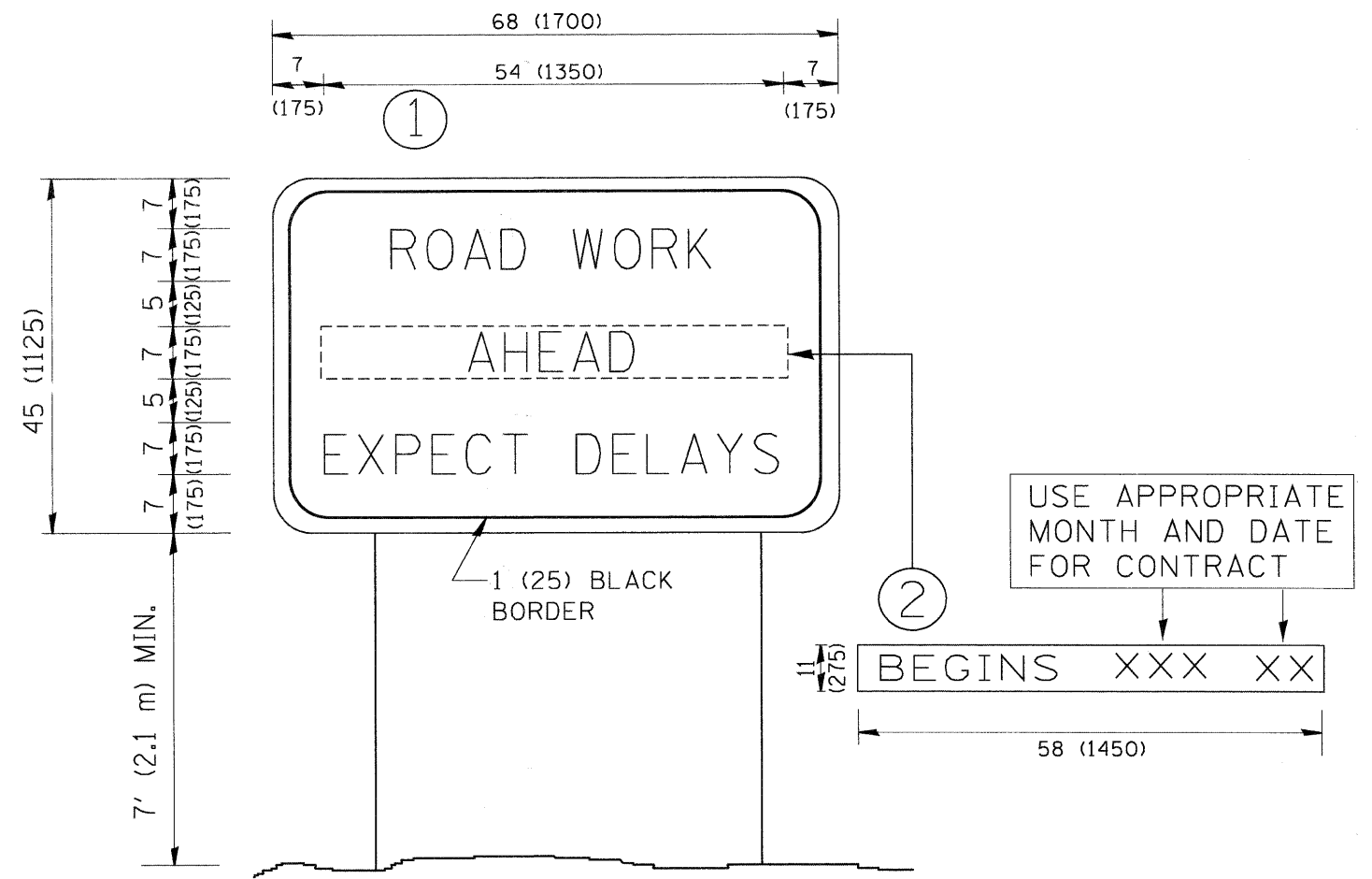
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	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	09-00362-00-PV	McHenry	54	37
TC-13			CONTRACT NO. 63195	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003(255)				



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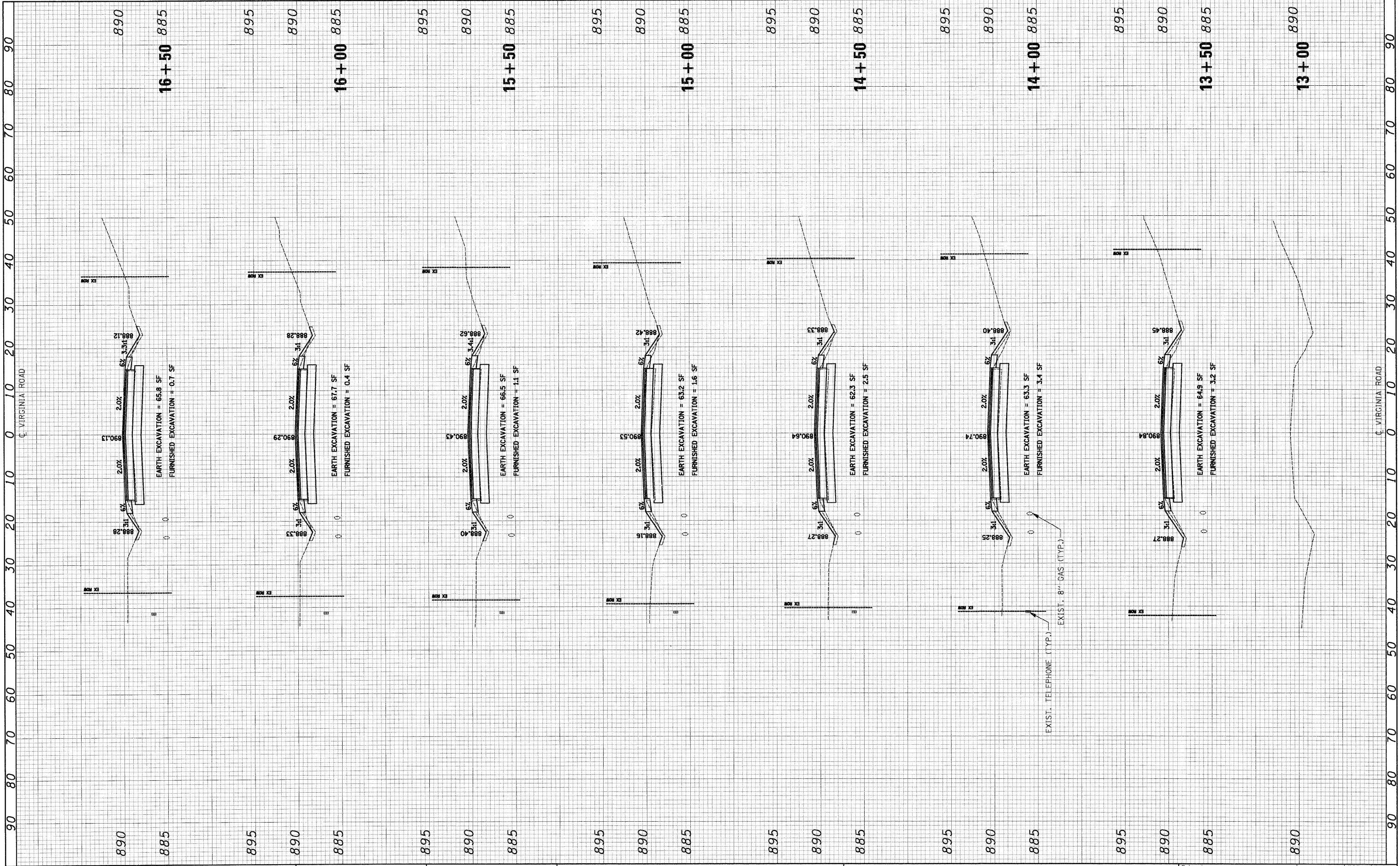
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT SCALE = 50.000 / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		0121	09-00362-00-PV	McHenry	54	38			
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			TC-22 CONTRACT NO. 63195		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003(255)		

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 NO. 2101
 SURVEYED PLOTTED DATE
 NOTE BOOK AREAS CHECKED

ORIGINAL SURVEY PLOTTED DATE
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 NOTE BOOK AREAS CHECKED



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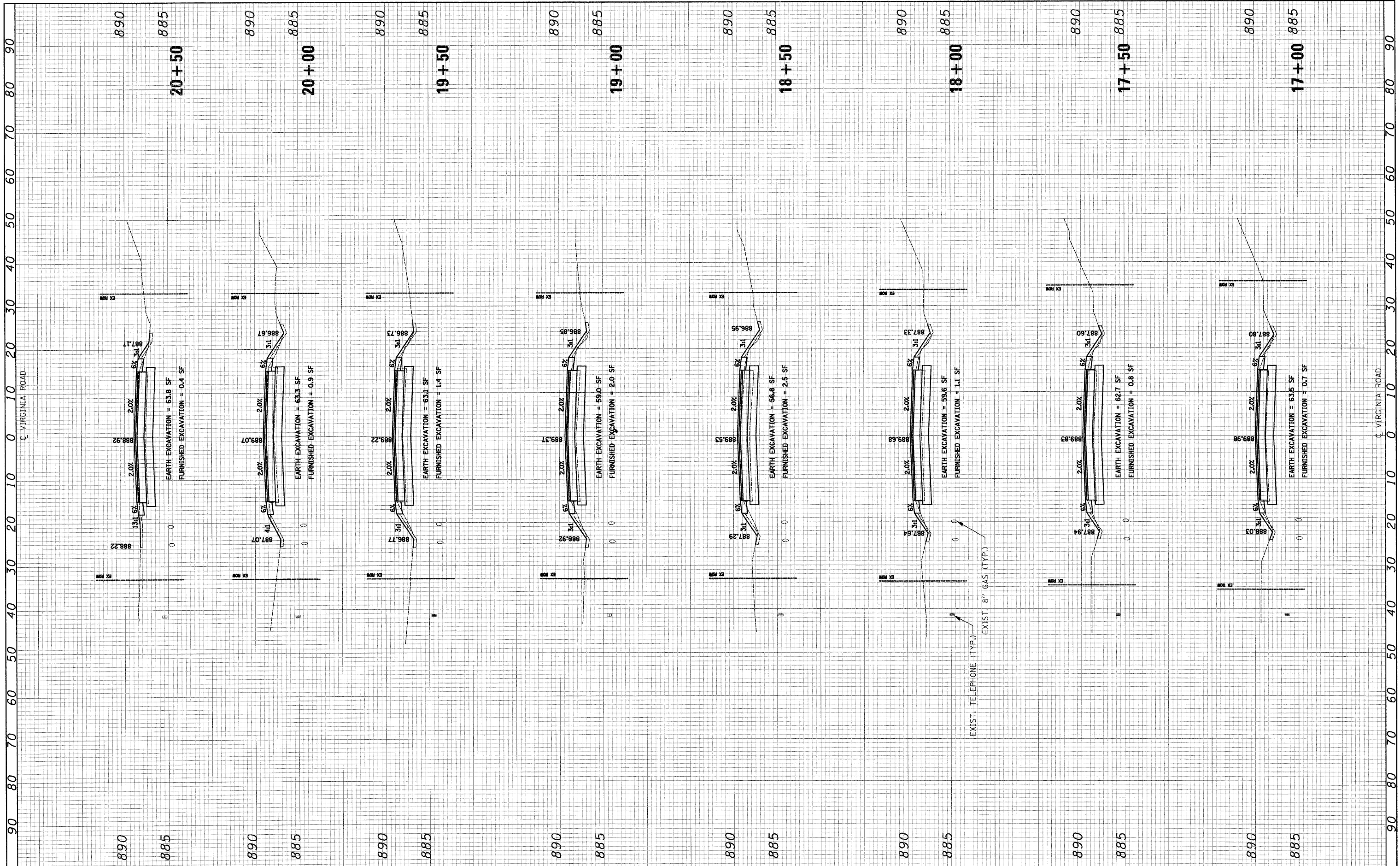
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 VIRGINIA ROAD**
 SCALE: 1"=10'H 1"=5'V SHEET NO. 1 OF 16 SHEETS STA. 13+00 TO STA. 16+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	39
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: M-9003(255)				

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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

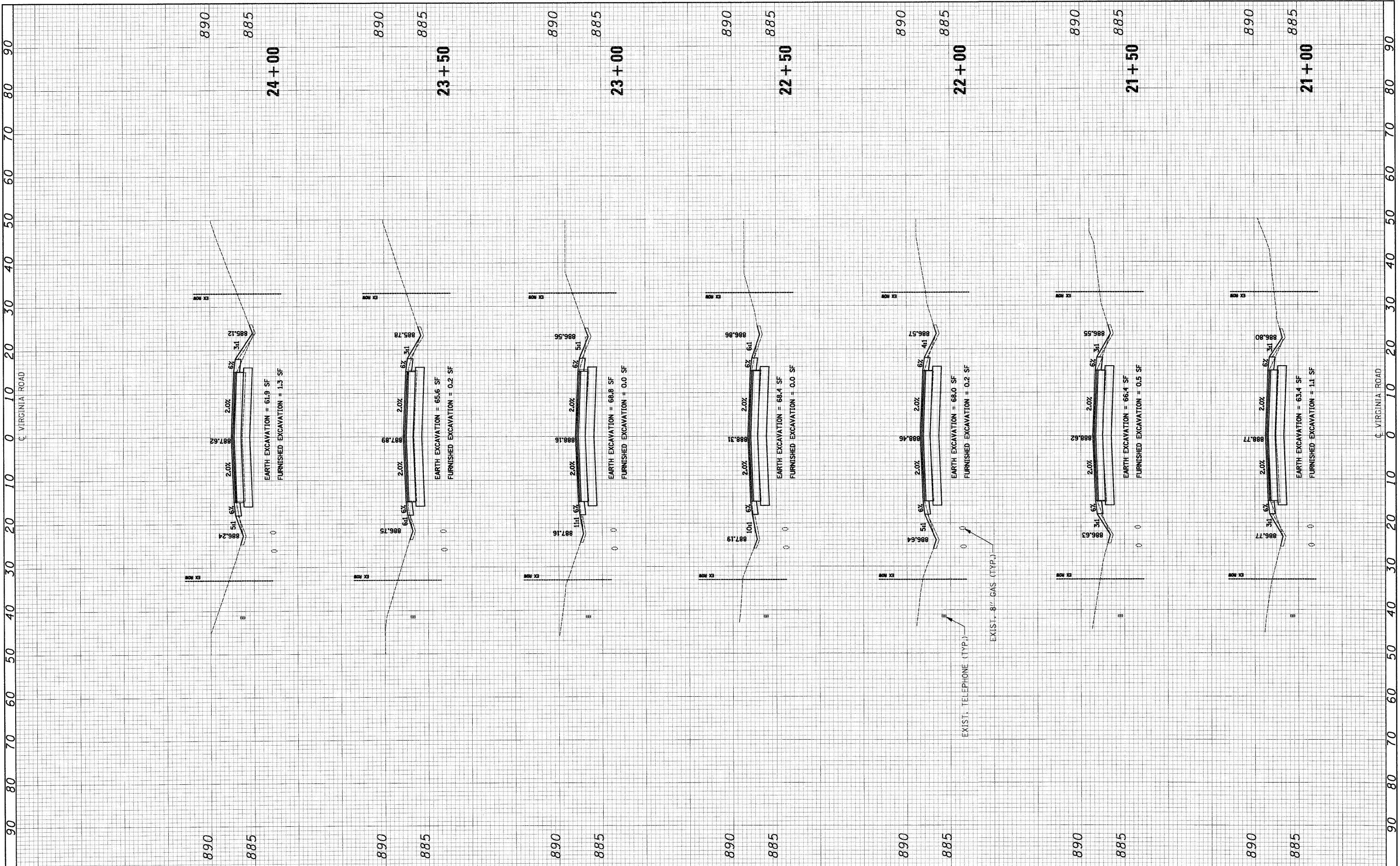
**CROSS SECTIONS
 VIRGINIA ROAD**

SCALE: 1"=10'H 1"=5'V SHEET NO. 2 OF 16 SHEETS STA. 17+00 TO STA. 20+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	40
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)				

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 NOTE BOOK NO.
 AREAS CHECKED



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

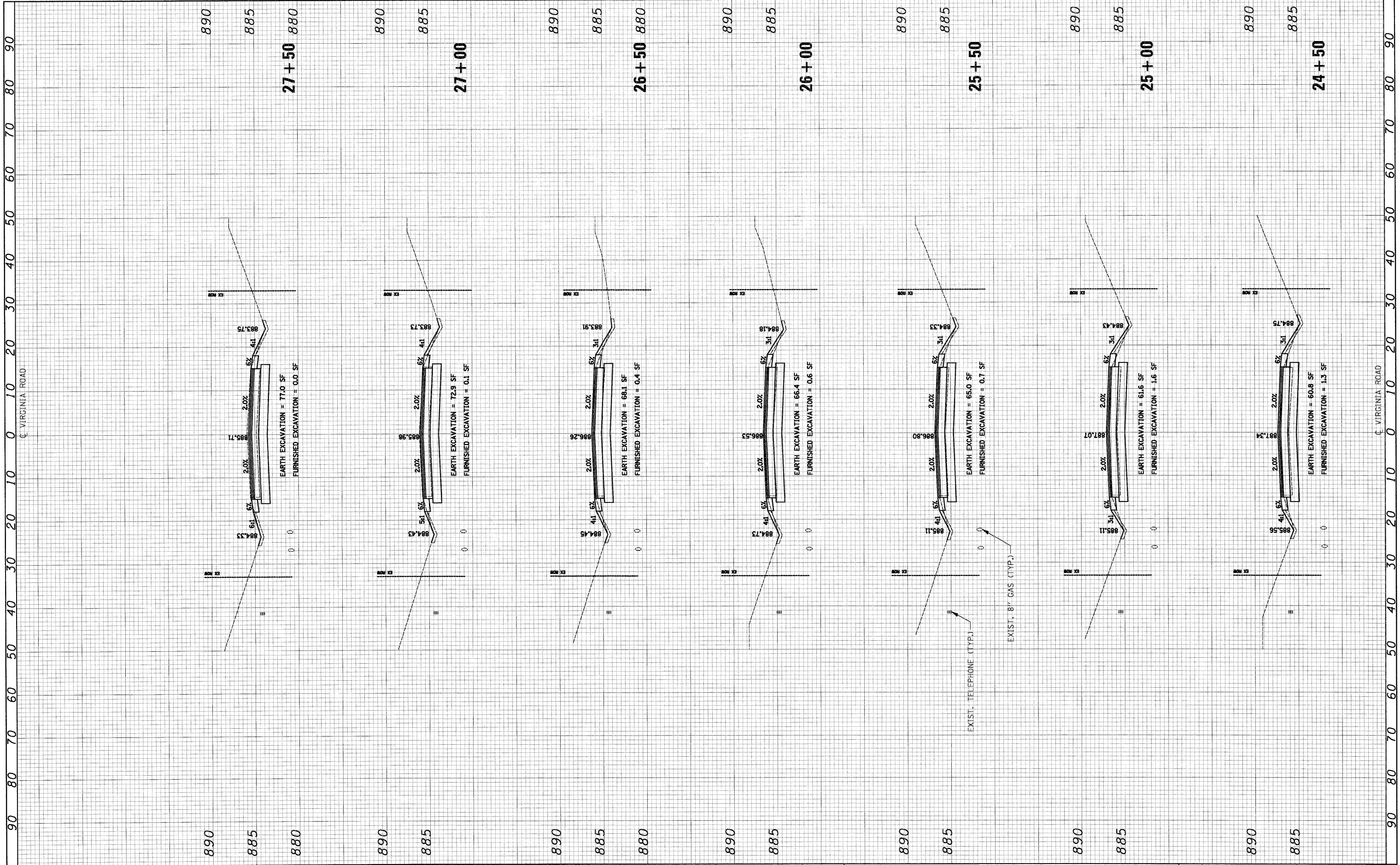
**CROSS SECTIONS
 VIRGINIA ROAD**

SCALE: 1"=10'H 1"=5'V SHEET NO. 3 OF 16 SHEETS STA. 21+00 TO STA. 24+00

F.A. RTE. 0121	SECTION 03-00362-00-PV	COUNTY MCHENRY	TOTAL SHEETS 54	SHEET NO. 41
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

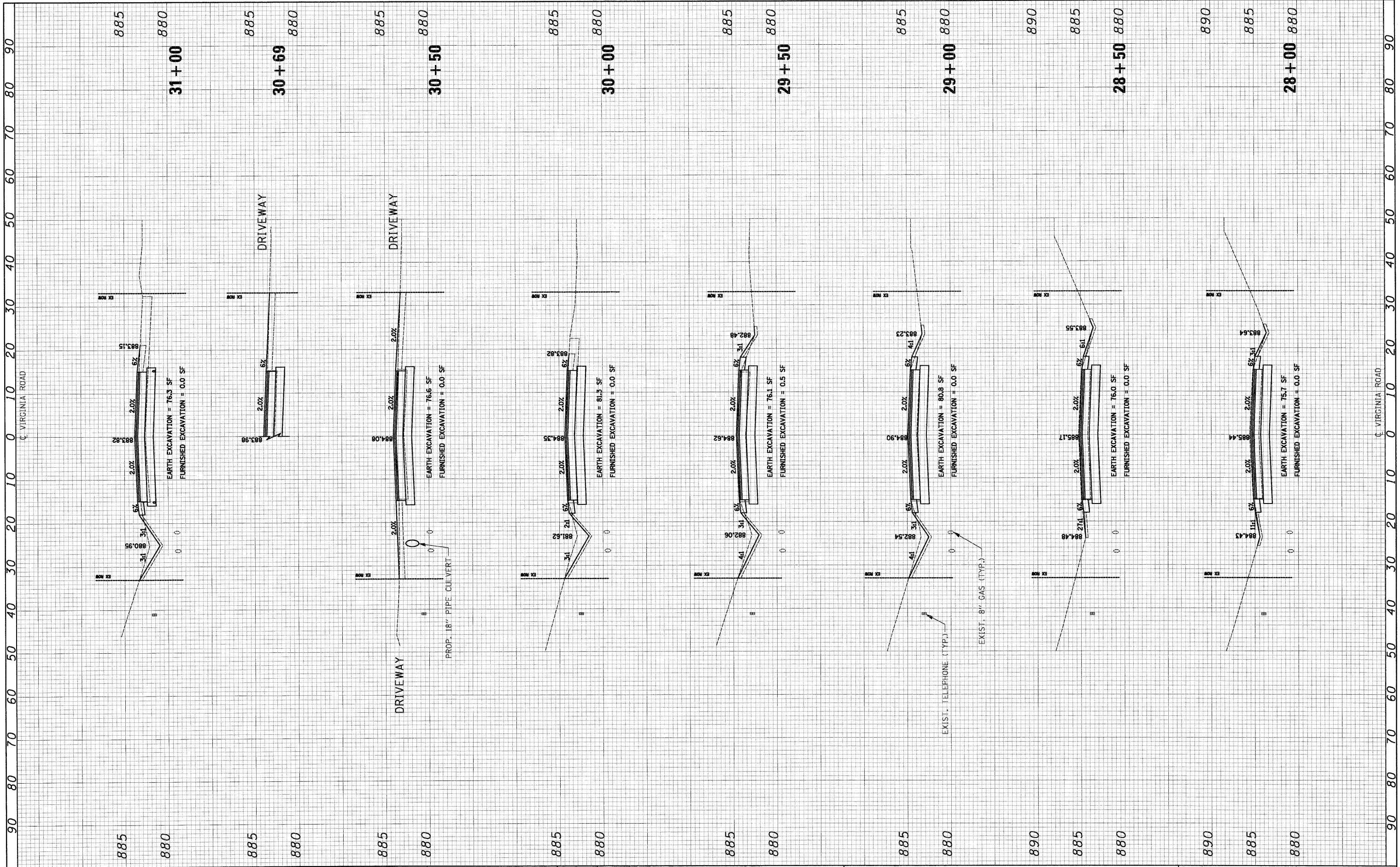
**CROSS SECTIONS
 VIRGINIA ROAD**

SCALE: 1"=10'H 1"=5'V SHEET NO. 4 OF 16 SHEETS STA. 24+50 TO STA. 27+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	42
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

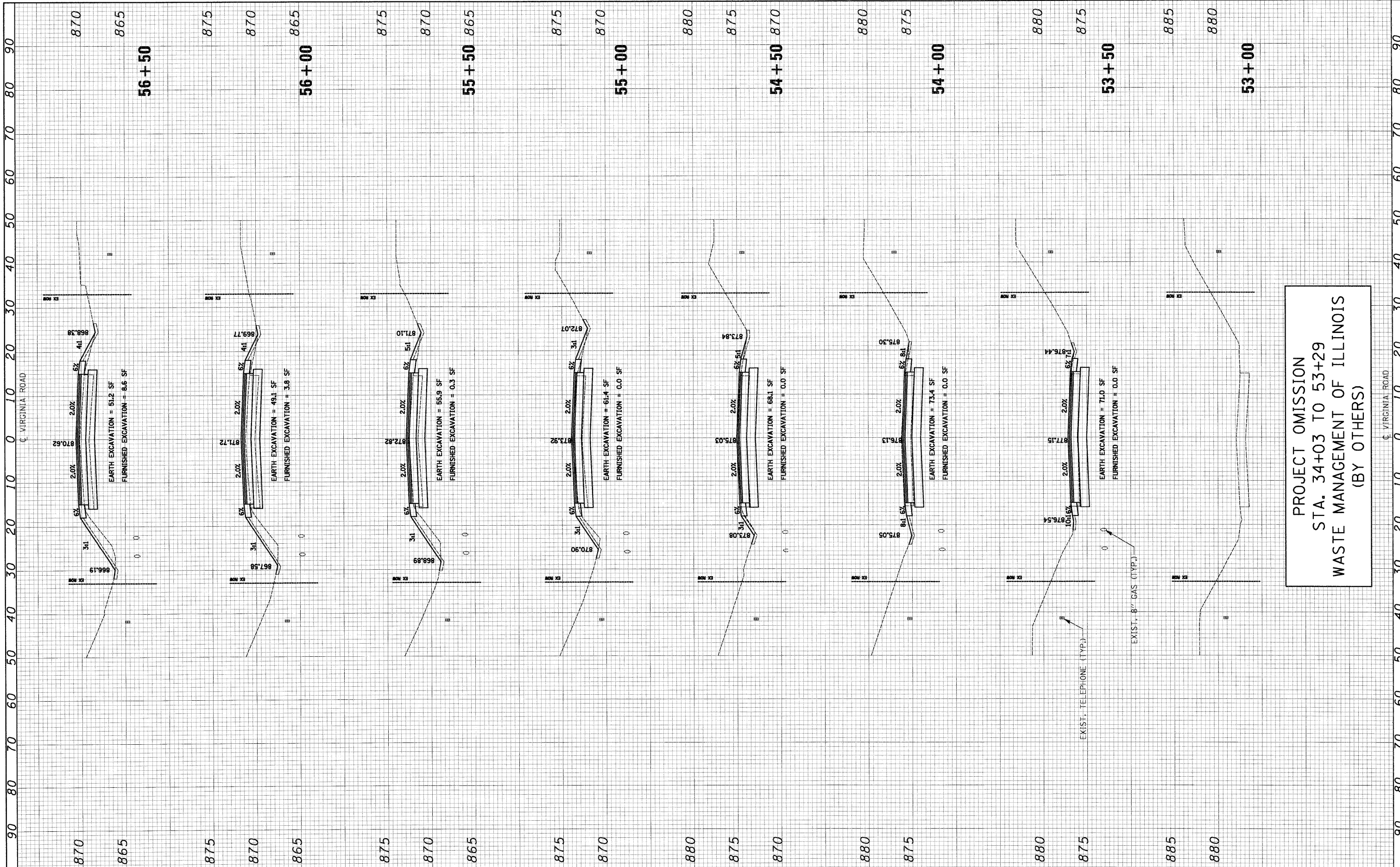
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**CROSS SECTIONS
 VIRGINIA ROAD**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	43
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)				

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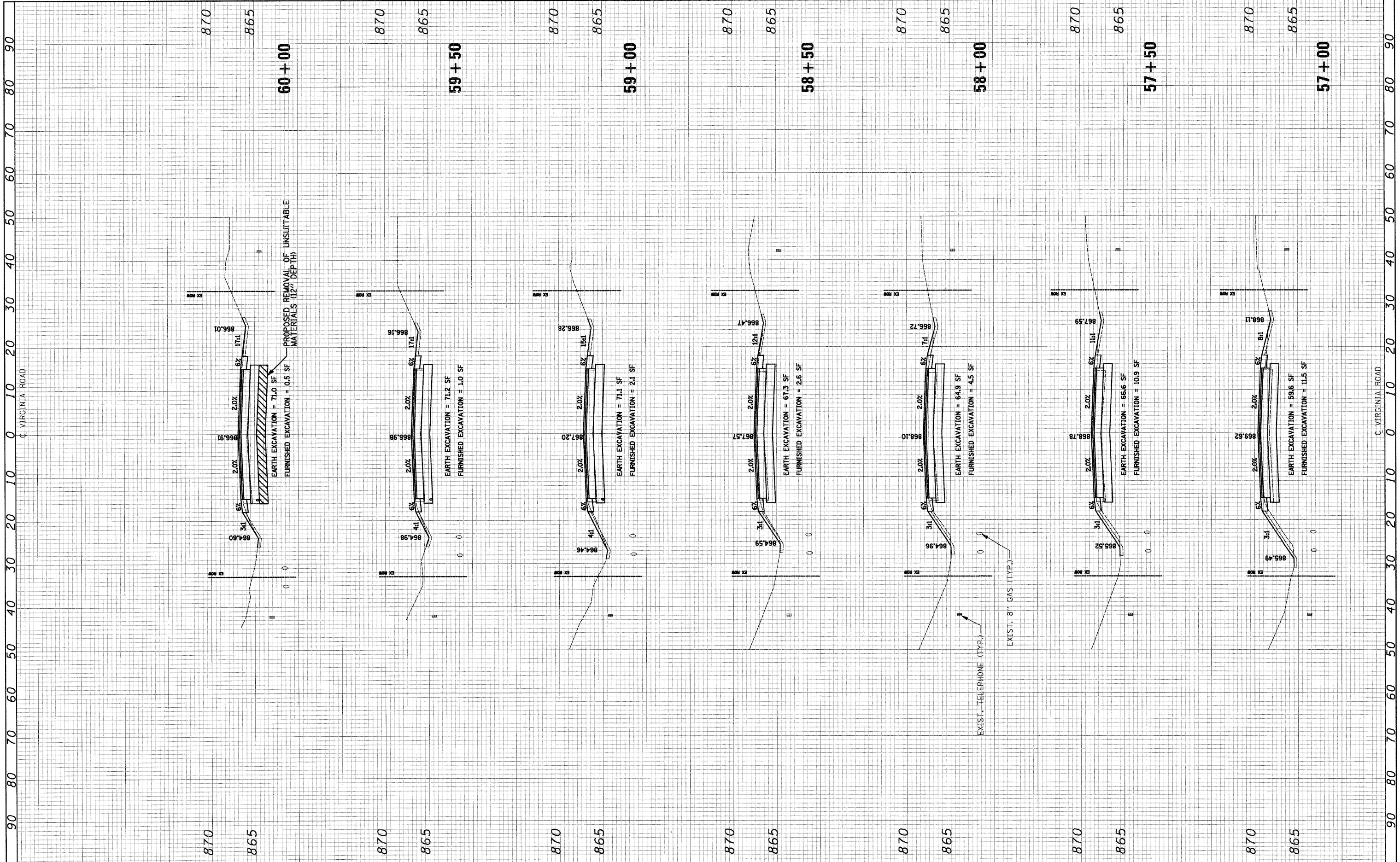


PROJECT OMISSION
 STA. 34+03 TO 53+29
 WASTE MANAGEMENT OF ILLINOIS
 (BY OTHERS)

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PLOT SCALE = 1/8" = 1' IN. PLOT DATE = 5/27/2009				SCALE: 1"=10'H 1"=5'V SHEET NO. 7 OF 16 SHEETS		STA. 53+00 TO STA. 56+50		CONTRACT NO. 63195 ILLINOIS FED. AID PROJECT M-9003(255)				

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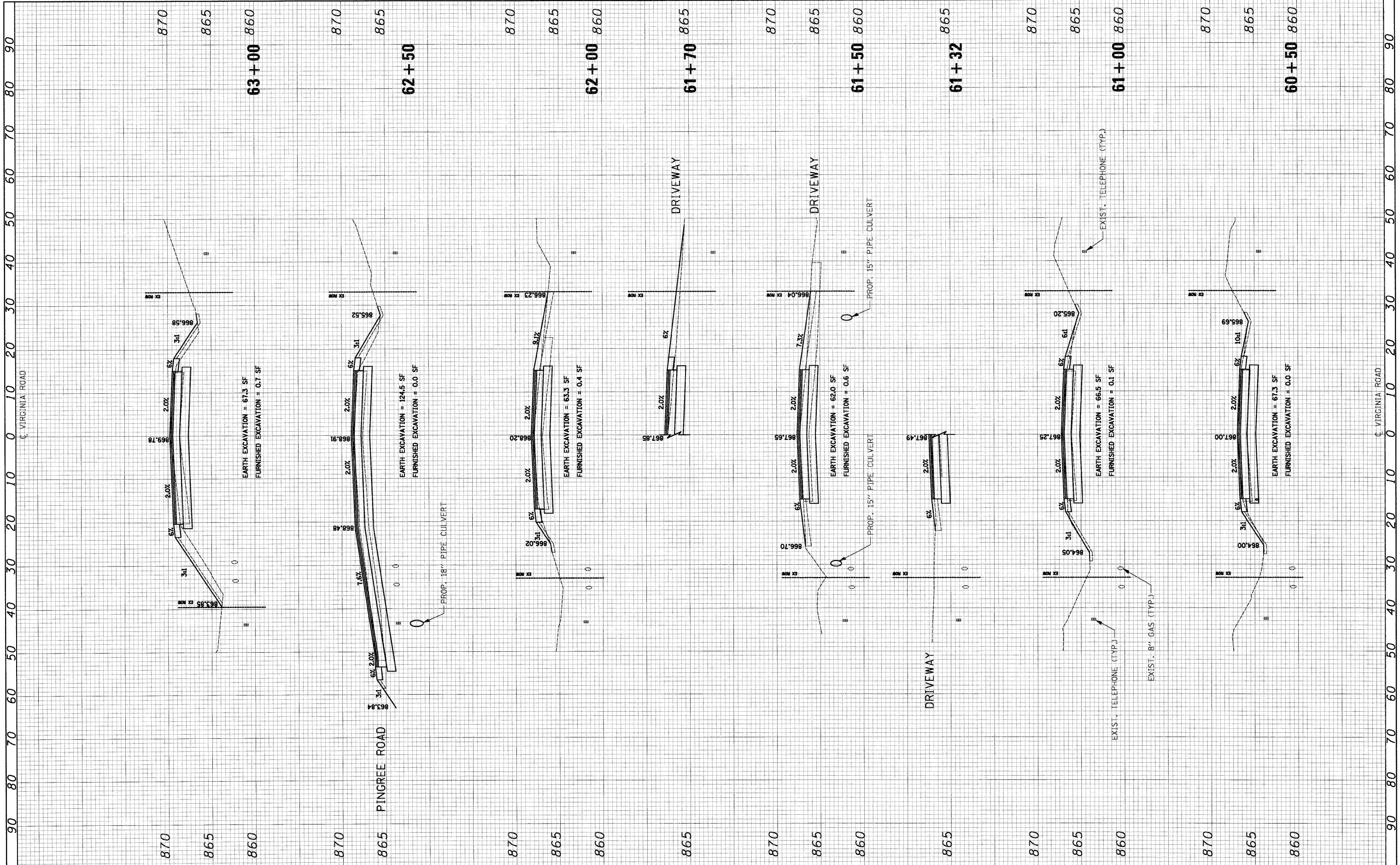
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 VIRGINIA ROAD**
 SCALE: 1"=10'H 1"=5'V SHEET NO. 8 OF 16 SHEETS STA. 57+00 TO STA. 60+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	46
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT# M-9003(255)
CONTRACT NO. 63195				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

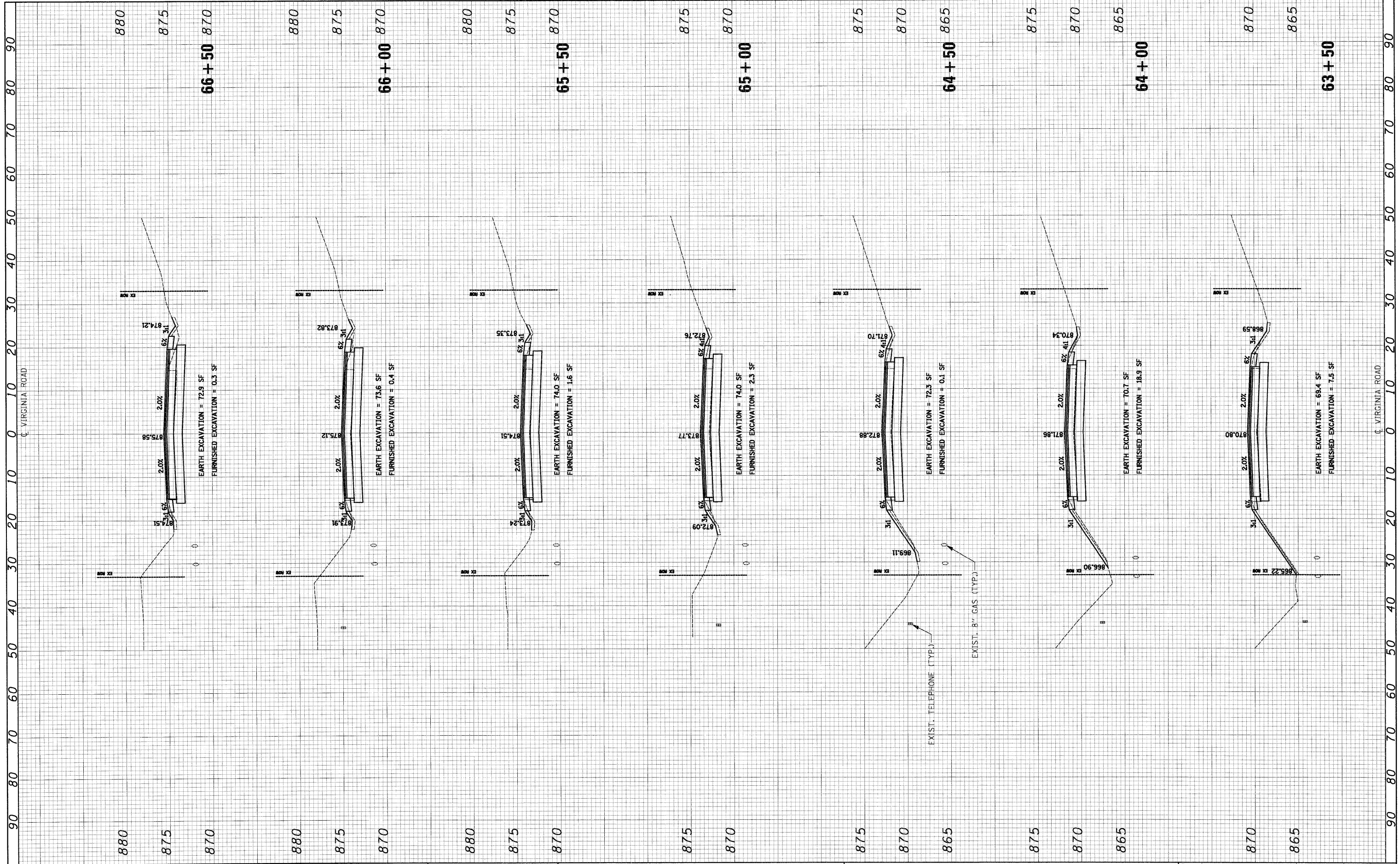
**CROSS SECTIONS
 VIRGINIA ROAD**

SCALE: 1"=10'H 1"=5'V SHEET NO. 9 OF 16 SHEETS STA. 60+50 TO STA. 63+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	47
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)				

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 VIRGINIA ROAD

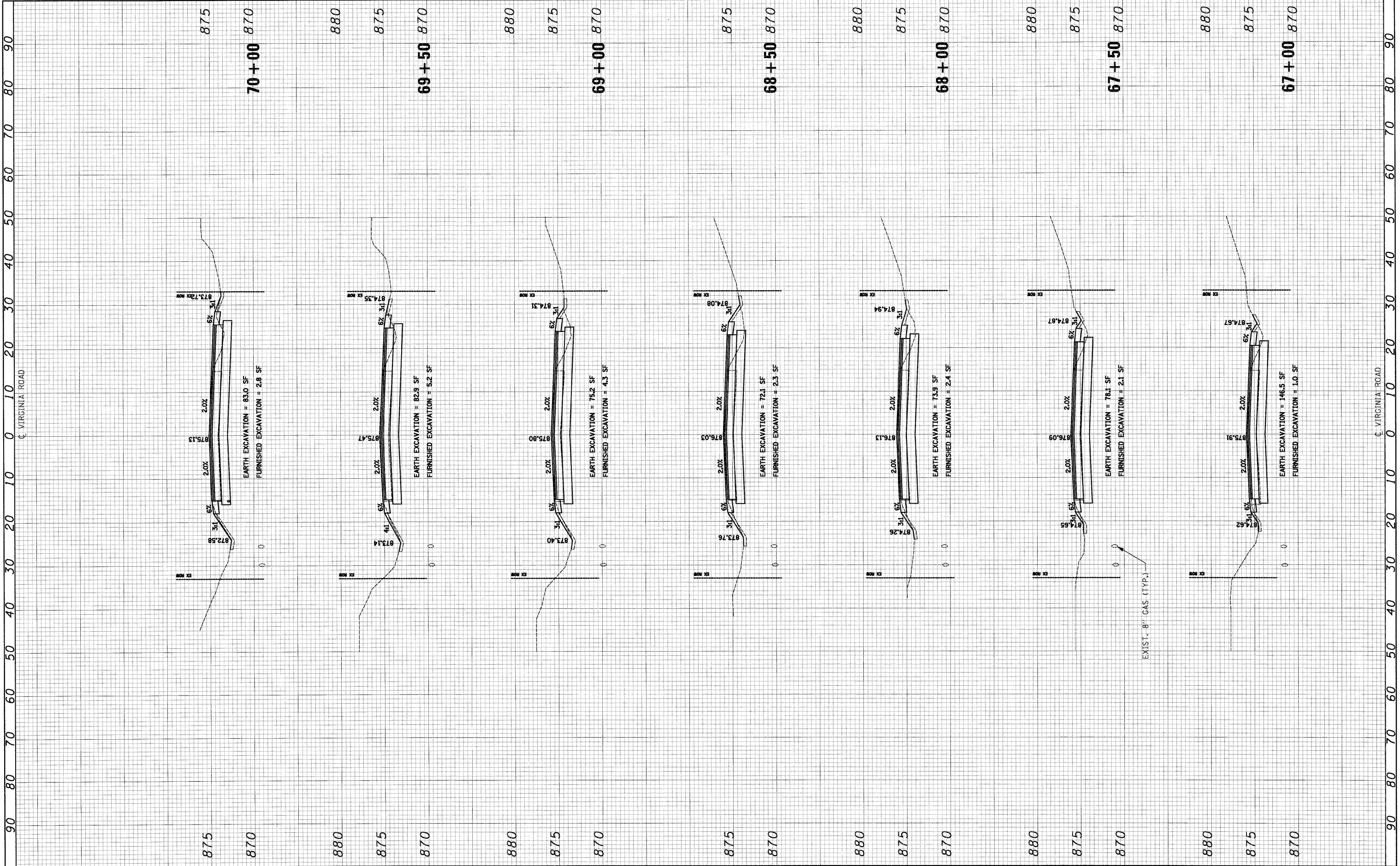
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	48
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT: M-90031255	

CONTRACT NO. 63195

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

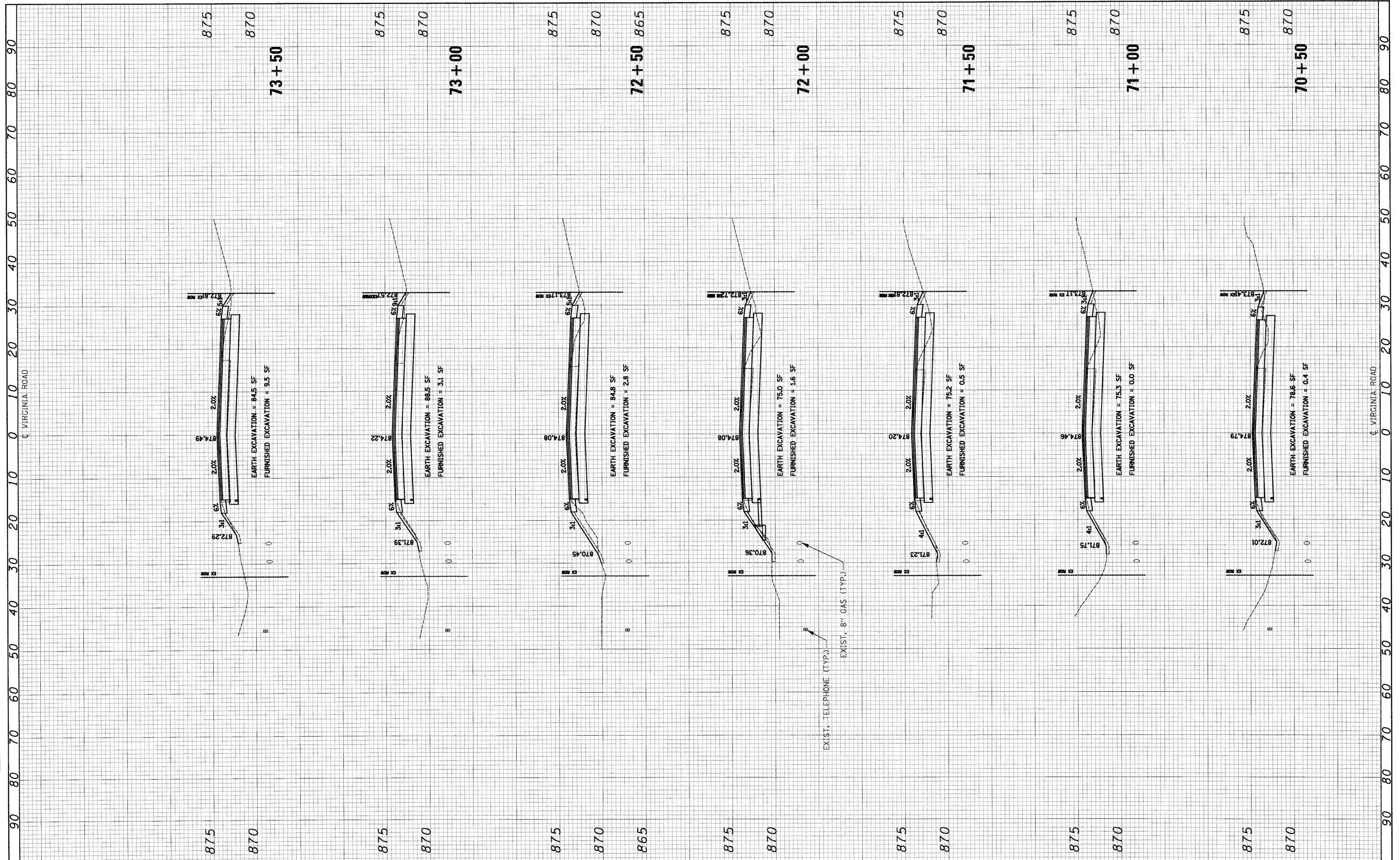
CROSS SECTIONS
VIRGINIA ROAD

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	49
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(255)				

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ORIGINAL SURVEY BY DATE
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 CHECKED - GAB
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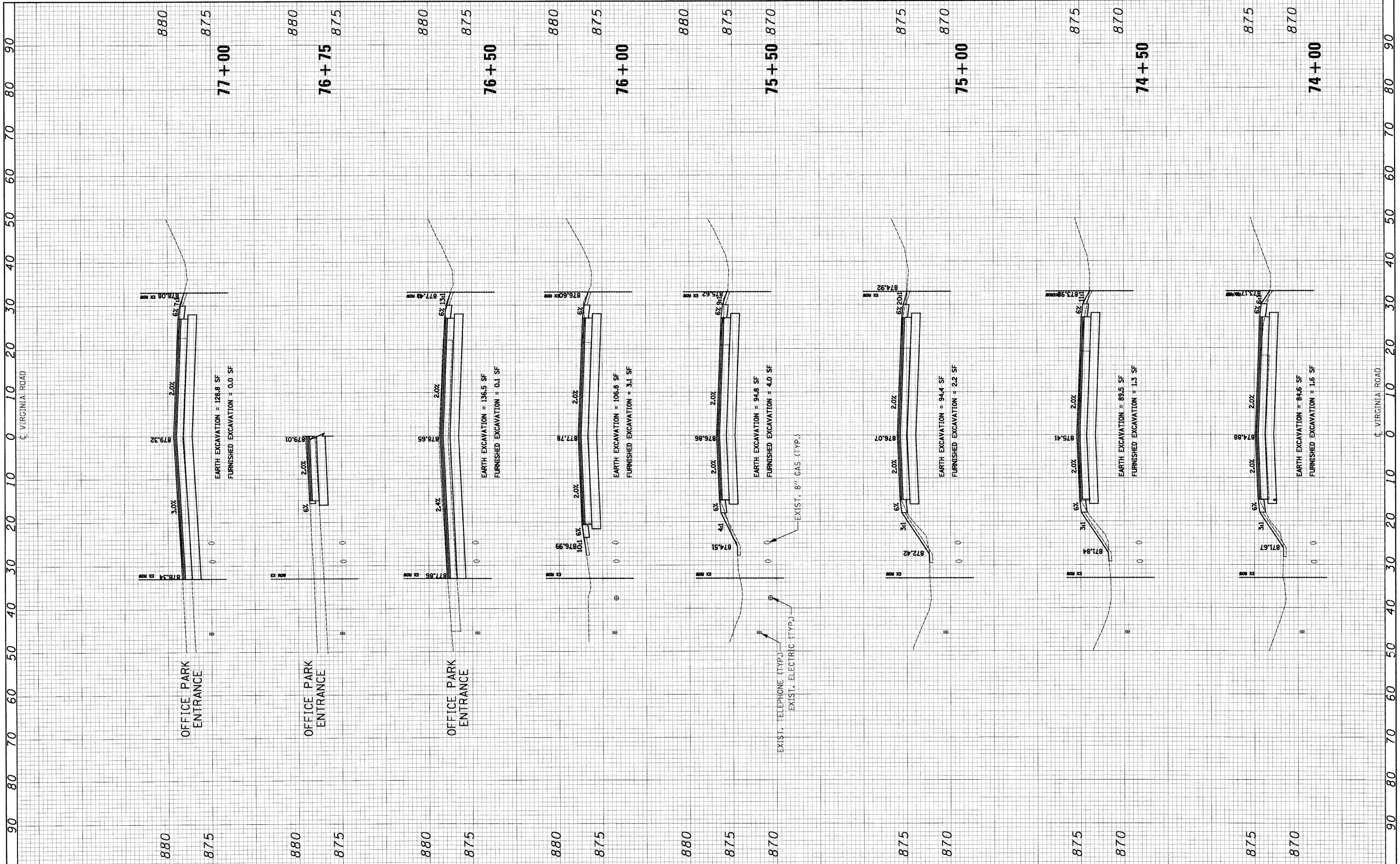
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 VIRGINIA ROAD
 SCALE: 1"=10'H 1"=5'V SHEET NO. 12 OF 16 SHEETS STA. 70+50 TO STA. 73+50

F.A. RTE. 0121	SECTION 03-00362-00-PV	COUNTY MCHENRY	TOTAL SHEETS 54	SHEET NO. 50
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT: M-9003(255)				

FINAL SURVEY	BY	DATE
NO. _____		
NOTE BOOK		
AREAS CHECKED		
NO. _____		

ORIGINAL SURVEY	BY	DATE
NO. _____		
NOTE BOOK		
AREAS CHECKED		
NO. _____		



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 USER NAME = ara

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DRAWN - ARA	REVISED -
CHECKED - GAB	REVISED -
DATE - 5-28-09	REVISED -

DESIGNED - RJD	REVISED -
DRAWN - ARA	REVISED -
CHECKED - GAB	REVISED -
DATE - 5-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

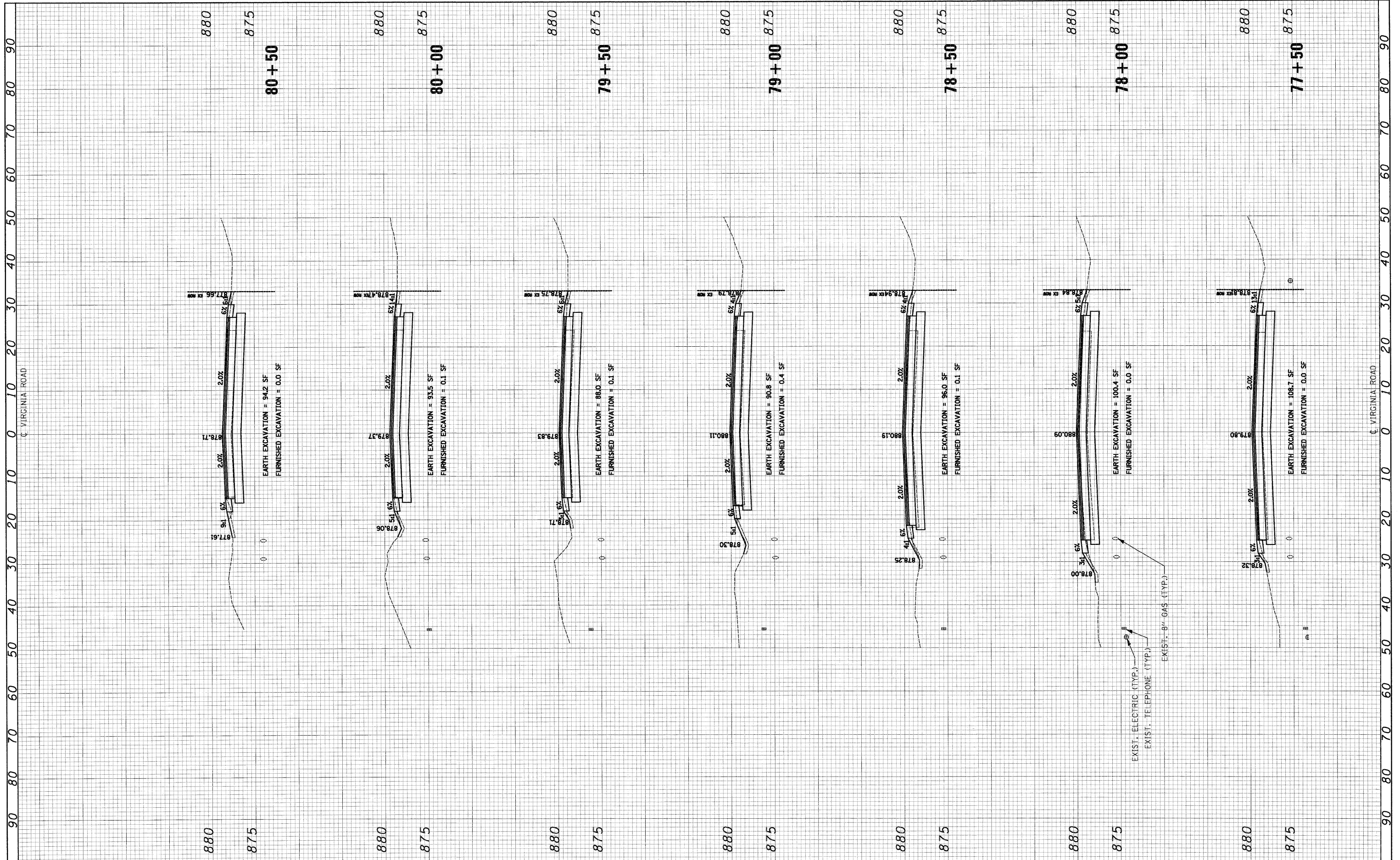
**CROSS SECTIONS
VIRGINIA ROAD**

SCALE: 1"=10'H 1"=5'V SHEET NO. 13 OF 16 SHEETS STA. 74+00 TO STA. 77+00

F.A. RTE. 0121	SECTION 03-00362-00-PV	COUNTY MCHENRY	TOTAL SHEETS 54	SHEET NO. 51
CONTRACT NO. 63195				
FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT M-9003(255)				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

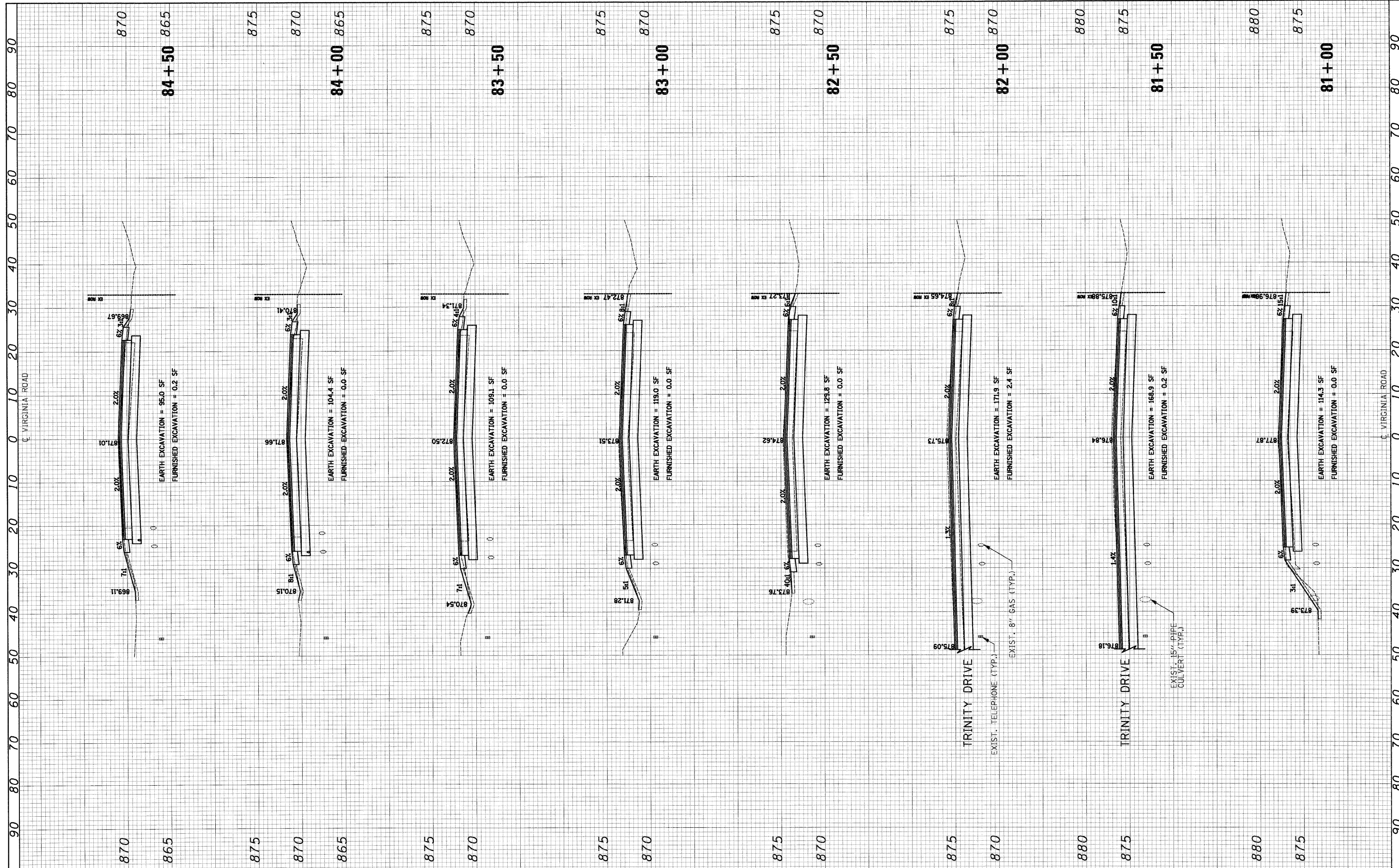
**CROSS SECTIONS
 VIRGINIA ROAD**

SCALE: 1"=10'H 1"=5'V SHEET NO. 14 OF 16 SHEETS STA. 77+50 TO STA. 80+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0121	03-00362-00-PV	MCHENRY	54	52
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT: M-9003(255)	
			CONTRACT NO. 63195	

FINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	SURVEYED
AREAS	TEMP.
CHECKED	AREAS
NO.	CHECKED

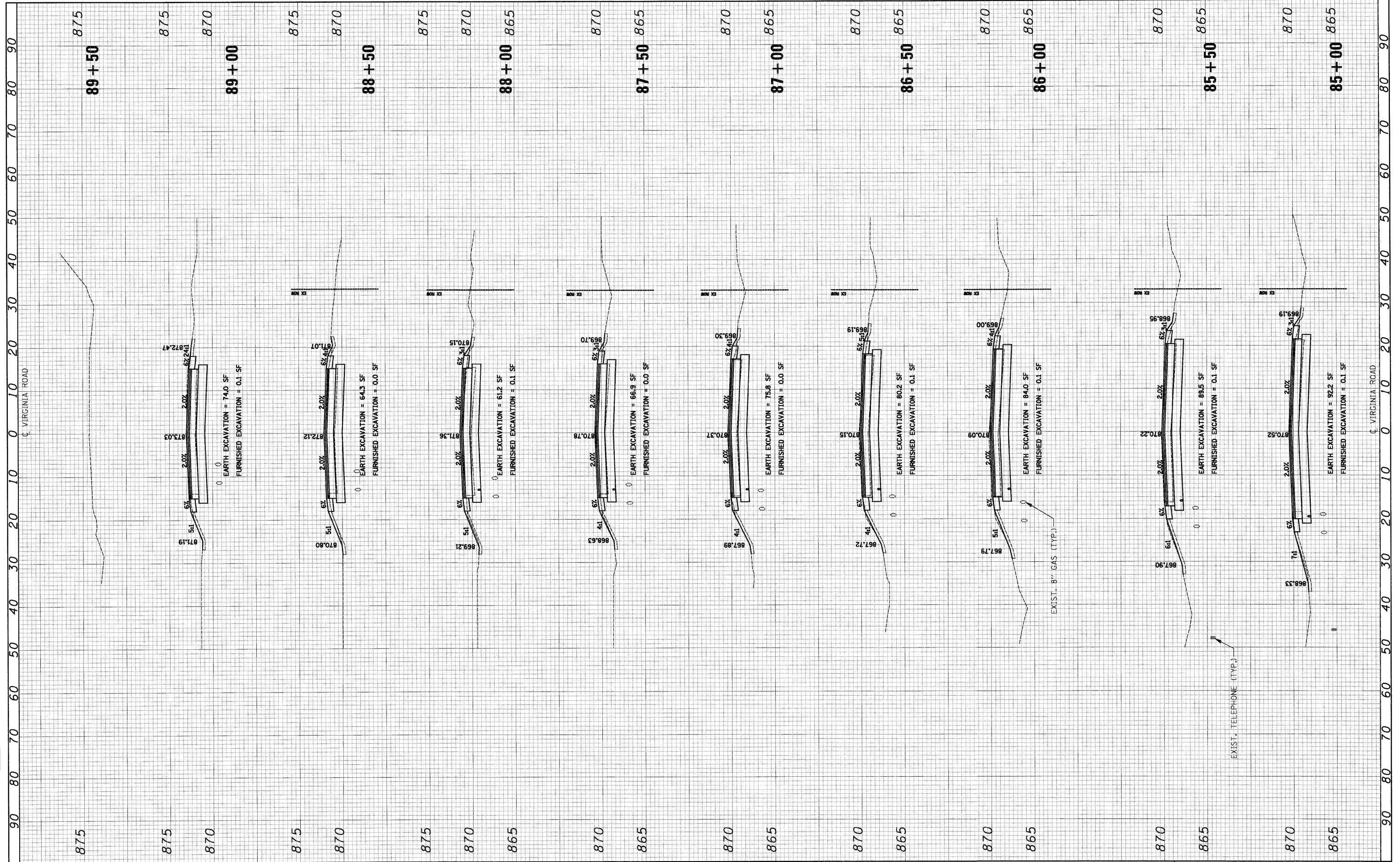
ORIGINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	SURVEYED
AREAS	TEMP.
CHECKED	AREAS
NO.	CHECKED



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PLOT SCALE = 10.0000' / IN.	DATE = 5-28-09	DRAWN - ARA	REVISED -			SCALE: 1"=10'H 1"=5'V SHEET NO. 15 OF 16 SHEETS	STA. 81+00	TO STA. 84+50	CONTRACT NO. 63195		
PLOT DATE = 5/27/2009	DATE = 5-28-09	CHECKED - GAB	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT: M-9003(255)					
		DATE = 5-28-09	REVISED -								

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		



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 PLOT DATE = 5/27/2009

DESIGNED - RJD	REVISED -
DRAWN - ARA	REVISED -
CHECKED - GAB	REVISED -
DATE - 5-28-09	REVISED -

DESIGNED - RJD	REVISED -
DRAWN - ARA	REVISED -
CHECKED - GAB	REVISED -
DATE - 5-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
VIRGINIA ROAD**

SCALE: 1"=10'H 1"=5'V SHEET NO. 16 OF 16 SHEETS STA. 85+00 TO STA. 89+50

F.A. RTE. 0121	SECTION 03-00362-00-PV	COUNTY MCHENRY	TOTAL SHEETS 54	SHEET NO. 54
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT: M-90031255
CONTRACT NO. 63195				