

137 Sheets

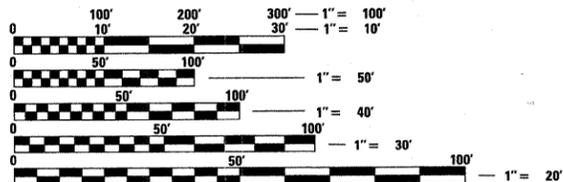
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	GENERAL NOTES AND STATE STANDARDS
4-11	SUMMARY OF QUANTITIES
12-13	TYPICAL SECTIONS
14	SCHEDULE OF QUANTITIES
15-16	ALIGNMENT AND BENCHMARKS
17-26	PLAN AND PROFILE
27	MAINTENANCE OF TRAFFIC GENERAL NOTES AND TYPICAL SECTIONS
28-31	MAINTENANCE OF TRAFFIC
32	DETOUR NOTES
33	DETOUR PLAN
34-35	EROSION CONTROL AND LANDSCAPING PLANS
36-45	DRAINAGE AND UTILITIES
46-48	INTERSECTION GRADING PLANS
49-62	PLAT OF HIGHWAYS
63-64	JOINTING PLANS
65-66	PAVEMENT MARKING PLANS
67-68	SIGNING PLANS
69-70	TEMPORARY TRAFFIC SIGNAL - WRIGHT BLVD / IRVING PARK RD
71-73	TRAFFIC SIGNAL MODIFICATION - WRIGHT BLVD / IRVING PARK RD
74-76	TRAFFIC SIGNAL MODIFICATION - WRIGHT BLVD / EB FRONTAGE RD
77-79	TRAFFIC SIGNAL MODIFICATION - WRIGHT BLVD / WB FRONTAGE RD
80-81	TEMPORARY TRAFFIC SIGNAL - WRIGHT BLVD / WISE RD
82	TEMPORARY INTERCONNECT DETAIL
83-85	TRAFFIC SIGNAL MODIFICATION - WRIGHT BLVD / WISE RD
86-89	INTERCONNECT PLAN
90-93	TRAFFIC SIGNAL DETAILS
94-100	STREET LIGHTING PLANS
101-103	STREET LIGHTING DETAILS
104-107	RETAINING WALL PLANS
108-118	CONSTRUCTION DETAILS
119-137	CROSS SECTIONS

SEE SHEET 3 FOR LIST OF HIGHWAY STANDARDS

DESIGN SPEED: WRIGHT BOULEVARD - 35 MPH
POSTED SPEED: WRIGHT BOULEVARD - 30 MPH

DESIGN DESIGNATIONS:
 WRIGHT BOULEVARD - 11,000 (2030) COLLECTOR 4.040 (PCC-20)
 11,000 (2030) COLLECTOR 2.800 (FD-20)



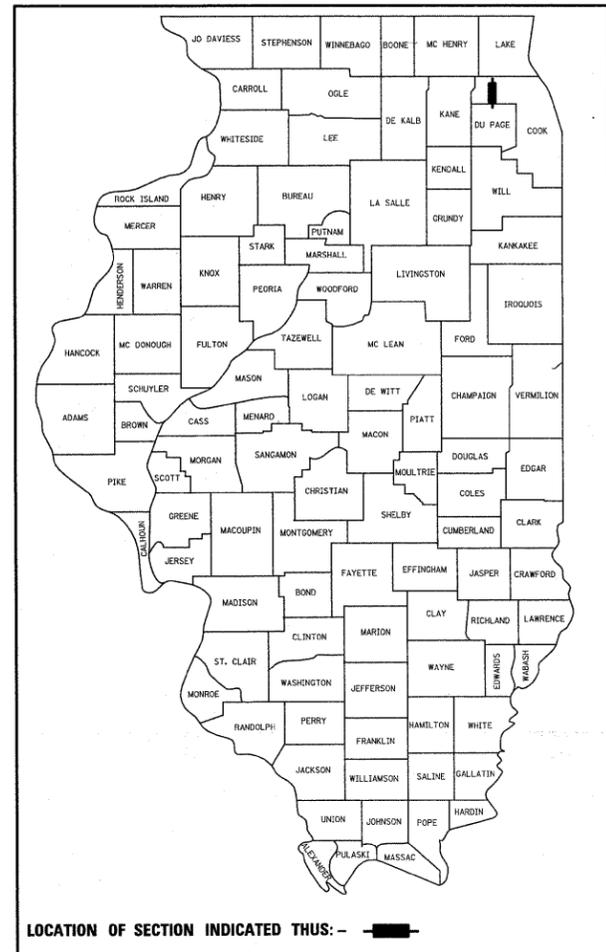
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

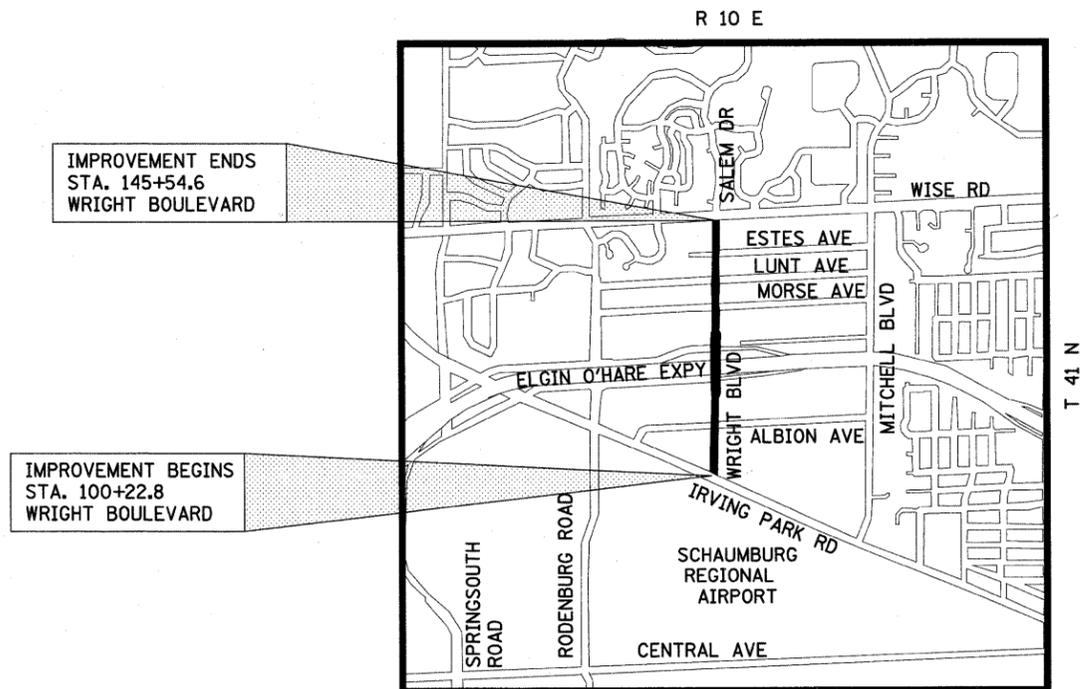
CONTRACT NO. 63378

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**
 FAU ROUTE 1351 (WRIGHT BOULEVARD)
 FAU ROUTE 1321 (IRVING PARK ROAD) TO
 FAU ROUTE 1338 (WISE ROAD)
 SECTION 06-00090-00-PV
 PROJECT ARA-M-8003(809)
 ROADWAY CONSTRUCTION, TRAFFIC SIGNAL
 INSTALLATION, MINOR STRUCTURE AND LIGHTING
 VILLAGE OF SCHAUMBURG
 COOK COUNTY
 C-91-233-07

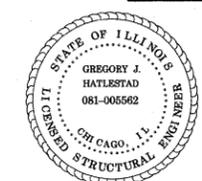


LOCATION OF SECTION INDICATED THUS: —■—



LOCATION MAP
 NOT TO SCALE

PROJECT LENGTH (NET AND GROSS):
 WRIGHT BOULEVARD - 4,531.8 FT. (0.86 MILE)



11/30/10
 EXPIRES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED 10-16 2009
James R. Weinstein
 DIRECTOR OF ENGINEERING AND PUBLIC WORKS

PASSED OCTOBER 26 2009
Cheryl Chantler
 DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW OCTOBER 26, 2009
Diana M. O'Keefe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

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

ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH 847-705-4169 SCHAUMBURG, IL
 CONSULTANT ENGINEER: DAVID KREEGER, P.E. CIVILTECH ENGINEERING, INC.

11-30-09
 EXPIRES



450 E. Devon Ave, Suite 300 - Itasca, Illinois 60143
 Tel: 630.773.3900 - Fax: 630.773.3975
 www.civiltechinc.com

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS". ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST I.D.O.T. STANDARD.
- 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 VILLAGE OF SCHAUMBURG AND THE COOK COUNTY HIGHWAY DEPARTMENT.
- 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 VILLAGE, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
- ESTIMATED LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT HAVE BEEN SHOWN ON THE PLANS. THE ENGINEER WILL DETERMINE THE EXACT LIMITS IN THE FIELD DURING CONSTRUCTION.
- 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, CURB & GUTTER AND SIDEWALK

1. THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, SHOULDER, BIKEPATH, AND SIDEWALK AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED FROM THOSE WHICH WILL REMAIN IN PLACE 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 PERFORMED PRIOR TO BEGINNING REMOVAL, UNLESS OTHERWISE NOTED, AND CONSIDERED INCLUDED IN THE COST OF 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 SAWMED 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 BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER 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.
- THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE, BINDER, OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.
- ALL CURB AND GUTTER CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBARS FOR A LENGTH OF 20 FEET CENTERED OVER THE TRENCH. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER BEING CONSTRUCTED.
- ALL SIDEWALK CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBARS WHICH EXTEND 5 FEET BEYOND THE TRENCH WALLS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE SIDEWALK BEING CONSTRUCTED.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS IN THE RESURFACING AREA SHALL BE REMOVED PRIOR TO MILLING AND REPLACED WHEN PAVING IS COMPLETED. THE REMOVAL OF ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PAID FOR AS "RAISED REFLECTIVE PAVEMENT MARKER REMOVAL".
- WHEN REMOVING CURB AND GUTTER, PAVEMENT OR ANY OTHER STRUCTURE, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION NECESSARY TO ENSURE THERE WILL BE NO DAMAGE TO UNDERGROUND PUBLIC OR PRIVATE UTILITIES. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL CONCRETE BREAKER BE ALLOWED.

PAVING, SHOULDERS, CURB & GUTTER AND SIDEWALK (CONTINUED)

- WHEN REMOVING CURB AND GUTTER, PAVEMENT OR ANY OTHER STRUCTURE, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION NECESSARY TO ENSURE THERE WILL BE NO DAMAGE TO UNDERGROUND PUBLIC OR PRIVATE UTILITIES. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL CONCRETE BREAKER BE ALLOWED.

TREE REMOVAL, CLEARING AND HEDGE REMOVAL

- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF THE UTMOST IMPORTANCE TO THE VILLAGE. ALL TREE PROTECTION, TREE REMOVAL, TREE PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
- TEMPORARY FENCE SHALL BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

UTILITIES

- THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.
- 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 UTILITY OWNER. 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.)

6. 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 CLEANED AND FREE FROM DIRT AND DEBRIS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 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 FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING UTILITY OPERATIONS. COMPLIANCE WITH THE ABOVE WILL BE INCLUDED IN THE COST OF THE UTILITY INSTALLATIONS.
- 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.

ROADWAY EXCAVATION

- 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."
- THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE EITHER HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND DEPOSITED AT LOCATIONS PROVIDED BY HIM, OR DISPOSED OF WITHIN THE RIGHT-OF-WAY IN A MANNER OTHER THAN BURNING, SUBJECT TO THE APPROVAL OF THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "EARTH EXCAVATION."
- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAVE BEEN INCLUDED IN THE CONTRACT 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. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO EXISTING GROUND SURFACE. 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 & SANITARY SEWER

- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN 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. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- ALL ABANDONED PIPE AND STRUCTURE INVERTS SHALL BE PLUGGED WITH CONCRETE BRICKS AND NON-SHRINK MORTAR FOR A LENGTH OF 2' MEASURED FROM THE END OF THE PIPE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM OR SANITARY SEWER ITEMS BEING REMOVED.
- THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS. FOR STRUCTURES HAVING TYPE 8 GRATES, A 24-INCH INSIDE DIAMETER BY 4-INCH (MINIMUM) HIGH RISER SHALL BE INSTALLED ON THE FLAT SLAB TO PROVIDE EARTH COVER OVER THE SLAB FOR VEGETATION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE REQUIRING THE FLAT SLAB TOP.

- 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.
- THE REMOVAL OF END SECTIONS SHALL BE PAID FOR PER FOOT AS "STORM SEWER REMOVAL" OF THE DIAMETER INDICATED.
- THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTIONS 208 AND 550 OF THE "STANDARD SPECIFICATIONS" EXCEPT THAT ONLY METHOD 1 SHALL BE USED WHEN PLACING BACKFILL MATERIALS.
- THE CONTRACTOR SHALL BE AWARE THAT AT TIMES THE ENGINEER MAY REQUIRE A CHANGE IN STORM SEWER ELEVATION DUE TO A UTILITY LINE OR OTHER OBSTRUCTION. IF SUCH A GRADE CHANGE DOES NOT ALTER THE PIPE CLASSIFICATION, THE ADDITIONAL EXCAVATION OR SHEETING REQUIRED SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE STORM SEWER. HOWEVER, IF THE REVISED GRADE RESULTS IN A CHANGE IN PIPE CLASSIFICATION, PAYMENT WILL BE FOR THE REVISED TYPE OF STORM SEWER.

12. FRAMES AND LIDS SHALL BE FABRICATED OF CLOSE GRAINED GRAY IRON AND SHALL CONFORM TO ASTM SPECIFICATION, DESIGNATION A-48, CLASS NUMBER 30. CASTING SHALL BE SMOOTH, TRUE TO PATTERN AND FREE FROM PROJECTIONS, SAND HOLES OR BLOWHOLES, ACCURATELY CAST TO PROVIDE TRUE AND EVEN BEARING. ALL COVERS MUST BE STAMPED "VILLAGE OF SCHAUMBURG" AS WELL AS THE NAME OF THE UTILITY WITHIN THE MANHOLE SUCH AS "SANITARY", "STORM" OR "WATER". THE COST OF THE LID SHALL BE INCLUDED IN THE COST OF THE ITEMS THAT REQUIRE A TYPE 1 FRAME, CLOSED LID.

FILE NAME =	USER NAME = jat	DESIGNED - JAT	REVISED -
J:\2215\oad\shetra\2215.notes.dgn		DRAWN - JAT	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - DJK	REVISED -
	PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WRIGHT BOULEVARD
GENERAL NOTES**

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	2
CONTRACT NO. 63378			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT ARA-M-80034809	

MATERIALS QC/QA POLICY

- ALL HOT-MIX ASPHALT AND P.C. CONCRETE MATERIALS USED ON THIS PROJECT SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S QC/QA REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE QC TESTING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF MATERIALS ORDER BOARD (PHONE: 847-705-4337 OR FAX: 847-705-4529) BY 4:00 P.M., 24-HOURS IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF ALL HOT-MIX ASPHALT AND CONCRETE MATERIALS USED ON THIS PROJECT.
- THE CONTRACTOR IS TO SUBMIT A QC PLAN FOR HMA AND CONCRETE MATERIALS TO THE QA MANAGER FOR APPROVAL PRIOR TO CONSTRUCTION OPERATIONS COMMENCING. THE QA MANAGER WILL APPROVE THIS PLAN AND COPY THE DISTRICT BY MATERIALS OFFICE ON THE APPROVAL LETTER.
- QC AND QA REPORTS FOR CONCRETE WILL BE SENT TO THE DISTRICT BUREAU OF MATERIALS OFFICE AFTER REVIEW AND APPROVAL BY THE QA MANAGER.
- QC REPORT FOR BITUMINOUS MIXTURES WILL BE TRANSMITTED DIRECTLY BY THE CONTRACTOR DAILY DURING PRODUCTION. THE DISTRICT WILL REVIEW AND RETAIN THE QA PLANT REPORTS. THE QA FIELD REPORTS CAN BE SUBMITTED BY THE QA MANAGER TO THE DISTRICT VIA THE DISTRICT LOCAL ROADS OFFICE.
- THE COSTS TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF THE VARIOUS HOT-MIX ASPHALT AND P.C. CONCRETE ITEMS.

LANDSCAPING

- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED 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.

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 EVERY 2 WEEKS AND AFTER EACH 1/2" OR GREATER RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
- 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 SOD AS SOON AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED. THE LIMITS OF THE SODDING SHALL BE THE LIMITS OF GRADING.
- INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN THE CURB AND GUTTER.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
- 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, LANDSCAPE TIMBERS, PLANTERS, VEGETATION, BRICK OR BRICK PAVER WALKWAYS WITHIN R.O.W. LIMITS SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION." THE CONTRACTOR SHALL CONTACT THE ADJACENT PROPERTY OWNER TO DETERMINE IF SUCH ITEMS SHALL BE RETURNED TO THE PROPERTY OWNER OR BE DISPOSED OF PROPERLY.
- THE CONTRACTOR SHALL ADHERE TO IDOT STANDARD DRAWING NO. 701801-04 WHEN CLOSING ANY SIDEWALK TO PERMIT CONSTRUCTION OF THE IMPROVEMENTS.
- 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.

IDOT STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-07 PAVEMENT JOINTS
- 420101-04 24' JOINTED PCC PAVEMENT
- 420106-04 36' JOINTED PCC PAVEMENT
- 420111-02 PCC PAVEMENT ROUNDOUTS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542311-01 GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
- 602001-01 CATCH BASIN TYPE A
- 602011-01 CATCH BASIN TYPE C
- 602301-02 INLET - TYPE A
- 602401-02 MANHOLE TYPE A
- 602406-03 MANHOLE TYPE A 6' DIAMETER
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LIDS TYPE 1
- 604036-02 GRATE TYPE 8
- 604086-02 FRAME AND GRATE TYPE 23
- 604091-02 FRAME AND GRATE TYPE 24
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-03 URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701601-06 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 720016-02 MAST ARM MOUNTED STREET NAME SIGNS
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-02 HANDHOLES
- 814006-02 DOUBLE HANDHOLES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 877001-04 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-08 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP ISNTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

FILE NAME = J:\2215\oad\sheeta\2215_notes.dgn	USER NAME = jat	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD GENERAL NOTES	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 3	
	PLOT SCALE = 50,0000 ' / IN.	CHECKED - DJK	REVISED -			CONTRACT NO. 63378					
	PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003(809)					
						SHEET NO. 2 OF 2 SHEETS					

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	307	307			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16			
20101000	TEMPORARY FENCE	FOOT	2842	2842			
20101200	TREE ROOT PRUNING	EACH	70	70			
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	45	45			
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	25	25			
20200100	EARTH EXCAVATION	CU YD	8945	8945			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1020	1020			
20400800	FURNISHED EXCAVATION	CU YD	740	740			
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	123				123
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1020	1020			
20800150	TRENCH BACKFILL	CU YD	747	747			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	20543	20543			
● 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7649	7649			
● 21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	141	141			
● 21300010	EXPLORATION TRENCH, SPECIAL	FOOT	550	450		100	
21400100	GRADING AND SHAPING DITCHES	FOOT	200	200			
● 25000300	SEEDING, CLASS 3	ACRE	0.2	0.2			
● 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	130	130			
● 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	121	121			
● 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	116	116			
● 25100630	EROSION CONTROL BLANKET	SQ YD	578	578			
● 25200110	SODDING, SALT TOLERANT	SQ YD	7649	7649			
● 25200200	SUPPLEMENTAL WATERING	UNIT	125	125			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	158	158			
28000510	INLET FILTERS	EACH	133	133			
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	313	313			
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3983	3983			
40600300	AGGREGATE (PRIME COAT)	TON	12	12			
40600895	CONSTRUCTING TEST STRIP	EACH	2	2			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	193	193			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	907	907			
40701911	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/2"	SQ YD	707	707			
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	14900	14900			
42001300	PROTECTIVE COAT	SQ YD	26353	26353			
42300800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	SQ YD	2148	2148			
●	SPECIALTY ITEM						

FILE NAME = ...\\oad\sheeta\2215_Sum_Quant.dgn
 USER NAME = krk
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 10/29/2009

DESIGNED - JAT	REVISED -
DRAWN - JAT	REVISED -
CHECKED - DJK	REVISED -
DATE - 10-16-09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WRIGHT BOULEVARD
 SUMMARY OF QUANTITIES**

F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 4
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003(809)				

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	39620	39620			
42400800	DETECTABLE WARNINGS	SQ FT	1137	1137			
44000100	PAVEMENT REMOVAL	SQ YD	15730	15730			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	10798	10798			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2385	2385			
44000300	CURB REMOVAL	FOOT	736	736			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7428	7428			
44000600	SIDEWALK REMOVAL	SQ FT	11896	11896			
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	122	122			
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	62	62			
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	126	126			
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	162	162			
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	648	648			
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	648	648			
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	162	162			
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1			
50104650	SLOPE WALL REMOVAL	SQ YD	283				283
50300225	CONCRETE STRUCTURES	CU YD	190				190
50300285	FORM LINER TEXTURED SURFACE	SQ FT	693				693
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	14670				14670
51100100	SLOPE WALL 4 INCH	SQ YD	46				46
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1			
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1			
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	1	1			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	308	308			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	32	32			
550A0130	STORM SEWERS, CLASS A, TYPE 1 27"	FOOT	48	48			
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	16	16			
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	336	336			
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	41	41			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	962	962			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	24	24			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	580	580			
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	32	32			
55100300	STORM SEWER REMOVAL 8"	FOOT	34	34			

● SPECIALTY ITEM

FILE NAME = ...:\oad\sheet\2215_Sum_Quant.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / IN.	DRAWN - JAT	REVISED -			1351	06-00090-00-PV	COOK	137	5	
	PLOT DATE = 10/29/2009	CHECKED - DJK	REVISED -			CONTRACT NO. 63378					
		DATE - 10-16-09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003809					
					SHEET NO. 2 OF 8 SHEETS						

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
55100400	STORM SEWER REMOVAL 10"	FOOT	210	210			
55100500	STORM SEWER REMOVAL 12"	FOOT	539	539			
55100700	STORM SEWER REMOVAL 15"	FOOT	29	29			
55100900	STORM SEWER REMOVAL 18"	FOOT	76	76			
55101200	STORM SEWER REMOVAL 24"	FOOT	663	663			
55101300	STORM SEWER REMOVAL 27"	FOOT	55	55			
55101400	STORM SEWER REMOVAL 30"	FOOT	53	53			
55101800	STORM SEWER REMOVAL 42"	FOOT	341	341			
55101900	STORM SEWER REMOVAL 48"	FOOT	20	20			
● 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	74	74			
● 56106600	ADJUSTING WATER MAIN 12"	FOOT	80	80			
● 56300300	ADJUSTING WATER SERVICE LINES	FOOT	100	100			
● 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	10	10			
● 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	10	10			
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	62				62
60107600	PIPE UNDERDRAINS 4"	FOOT	775	775			
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	258				258
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	21	21			
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSE LID	EACH	1	1			
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4			
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1			
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5	5			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9			
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1			
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1	1			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	19	19			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1			

● SPECIALTY ITEM

FILE NAME = ...:\oad\sheeta\2215_Sum_Quant.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / 1" IN.	DRAWN - JAT	REVISED -			1351	06-00090-00-PV	COOK	137	6	
	PLOT DATE = 10/29/2009	CHECKED - DJK	REVISED -			CONTRACT NO. 63378					
		DATE - 10-16-09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-9003809 SHEET NO. 3 OF 8 SHEETS					

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3			
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1			
60255500	MANHOLES TO BE ADJUSTED	EACH	9	9			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1			
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	9	9			
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	10	10			
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	10	10			
60500040	REMOVING MANHOLES	EACH	3	3			
60500050	REMOVING CATCH BASINS	EACH	15	15			
60500060	REMOVING INLETS	EACH	12	12			
60600605	CONCRETE CURB, TYPE B	FOOT	578	578			
60602800	CONCRETE GUTTER, TYPE B	FOOT	245				245
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	67	67			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	634	634			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5120	5120			
60605400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	1510	1510			
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	35	35			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12			
67100100	MOBILIZATION	L SUM	1	1			
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	44	44			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	275	275			
● 70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	36	36			
● 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	5633	5633			
● 70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	120	120			
● 70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	6592	6592			
● 70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	361	361			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4450	4450			
72300100	INSTALL EXISTING SIGN PANEL	SQ FT	274	268	6		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	40	40			
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5			
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1			

● SPECIALTY ITEM

FILE NAME = ...ood\sheeta\2215_Sum_Quant.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD SUMMARY OF QUANTITIES	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 7	
PLOT SCALE = 50.0000' / IN.	DRAWN - JAT	CHECKED - DJK	REVISED -			CONTRACT NO. 63378					
PLOT DATE = 12/29/2009	DATE - 10-16-09	REVISED -	REVISED -			SHEET NO. 4 OF 8 SHEETS					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003809											

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
● 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	176	176			
● 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6496	6496			
● 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	653	653			
● 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1171	1171			
● 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	432	432			
● 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	560	560			
● 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7137	7137			
● 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	2130	2130			
● 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	1760	1760			
● 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	365	365			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	768	768			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	30	30			
● 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2			2	
● 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1	
● 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	546		276	270	
● 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	99		99		
● 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	6		6		
● 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	1519			1519	
● 81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	156		10	146	
● 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	255		245	10	
● 81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	239		239		
● 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	120		120		
● 81019000	CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	208		208		
● 81400100	HANDHOLE	EACH	1		1		
● 81400200	HEAVY-DUTY HANDHOLE	EACH	3		3		
● 81400300	DOUBLE HANDHOLE	EACH	2		2		
● 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	300			300	
● 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	867		355	512	
81900302	TRENCH AND BACKFILL WITH SCREENINGS OR SAND	FOOT	4326			4326	
● 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	20			20	
● 82500505	LIGHTING CONTROLLER, SPECIAL	EACH	2			2	
● 83020500	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 30 FT. M.H., 12 FT. MAST ARM	EACH	20			20	

● SPECIALTY ITEM

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
● 83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	48			48	
● 83600400	POLE FOUNDATION, METAL	EACH	20			20	
● 84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	7			7	
● 84200700	LIGHTING FOUNDATION REMOVAL	EACH	7			7	
● 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2			2	
● 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2			2	
● 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2			2	
● 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3		3		
● 85000205	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	2		2		
● 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2753		2753		
● 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4697		4697		
● 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1872		1872		
● 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2385		2385		
● 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3594		3594		
● 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	27		27		
● 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	EACH	6		6		
● 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	2		2		
● 87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1		1		
● 87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1		
● 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1		1		
● 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40		40		
● 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4		
● 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30		30		
● 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15		15		
● 87900200	DRILL EXISTING HANDHOLE	EACH	16		16		
● 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1		1		
● 88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1		
● 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8		
● 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8		
● 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	1		1		
● 88500100	INDUCTIVE LOOP DETECTOR	EACH	1		1		
● 88600100	DETECTOR LOOP, TYPE 1	FOOT	941		941		
● 88800100	PEDESTRIAN PUSH-BUTTON	EACH	16		16		

● SPECIALTY ITEM

FILE NAME = ...oad\sheeta\2215_Sum_Quant.dgn

USER NAME = krk

DESIGNED - JAT
DRAWN - JAT

REVISED -
REVISED -

PLOT SCALE = 50,0000' / IN.

CHECKED - DJK

REVISED -

PLOT DATE = 10/29/2009

DATE - 10-16-09

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD
SUMMARY OF QUANTITIES

SHEET NO. 6 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	9
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003(809)				

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
● 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1		
● 89000105	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1		1		
● 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	9		9		
● 89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1		1		
● 89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2		2		
● 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2		2		
● 89502200	MODIFY EXISTING CONTROLLER	EACH	4		4		
● 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	18833		13708	5125	
● 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2		
● 89502380	REMOVE EXISTING HANDHOLE	EACH	4		4		
● 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8		8		
● A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2			
● A2003020	TREE, CELTIS OCCIDENTALIS PRAIRIE PRIDE (PRAIRIE PRIDE HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
● A2004520	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
● A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2			
● A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6			
● A2008320	TREE, TILIA TOMENTOSA (SILVER LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
● A2008820	TREE, ULMUS CARPINIFOLIA 'HOMESTEAD' (HOMESTEAD ELM), 2-1/2", BALLED AND BURLAPPED	EACH	10	10			
● C2C05824	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, CONTAINER	EACH	38	38			
● C2010224	SHRUB, SPIREA JAPONICA LITTLE PRINCESS (LITTLE PRINCESS JAPANESE SPIREA), 2' HEIGHT, BALLED AND BURLAPPED	EACH	6	6			
● K1005481	SHREDDED BARK MULCH 3"	SQ YD	210	210			
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	20492	20492			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
▲ Z0076600	TRAINEES	hour	1500	1500			
X7240500	RELOCATE EXISTING SIGNS	EACH	1	1			
● XX002136	PRESSURE CONNECTION	EACH	10	10			
● XX003848	GYPHUM PLACEMENT	POUND	380	380			
XX004801	BITUMINOUS BIKE PATH REMOVAL	SQ YD	725	725			
● XX004913	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	5611		5611		
XX006643	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 24"	FOOT	81	81			
● K0030401	PERENNIAL PLANTS, CALAMAGROSTIS ACUTIFOLIA "KARL FORSTER" (FEATHER REED GRASS), 1-GALLON	EACH	6	6			
● XX007195	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 30 FT. M.H., 12 FT. MAST ARM (MATERIAL ONLY)	EACH	2			2	
● X0320870	BRACED EXCAVATION	CU YD	647				647

● SPECIALTY ITEM
▲ Y080

FILE NAME = ...ood\sheets\2215_Sum_Quant.dgn

USER NAME = krk
DESIGNED - JAT
DRAWN - JAT
CHECKED - DJK
PLOT SCALE = 50,0000' / IN.
PLOT DATE = 10/29/2009

REVISD -
REVISD -
REVISD -
DATE - 10-16-09

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD
SUMMARY OF QUANTITIES

SHEET NO. 7 OF 8 SHEETS

F.A.U. RTE. 1351 P.A.	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 10
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-80031809				

CODED PAY ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	J000-2A	Y031-1F	Y030-1E	Y007
				ROADWAY	TRAFFIC SIGNALS	LIGHTING	RETAINING WALL
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	8	8			
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	335	335			
X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	3	3			
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5563		5563		
X0323381	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 12"	FOOT	33	33			
X0323383	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 18"	FOOT	33	33			
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	399	399			
X0323430	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 24"	FOOT	33	33			
X0323670	PREFORMED DETECTOR LOOP	FOOT	330		330		
X0323863	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 12"	FOOT	217	217			
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	1693	1693			
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	169	169			
X0325542	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2291	2291			
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		2		
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	48	48			
X4023000	TEMPORARY ACCESS (ROAD)	EACH	12	12			
40600826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	454	454			
X8011000	TELEPHONE SERVICE INSTALLATION	EACH	1		1		
X8050015	SERVICE INSTALLATION -- POLE MOUNTED	EACH	1		1		
X8140074	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	6		6		
X8210155	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT (MATERIAL ONLY)	EACH	2			2	
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	1		1		
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	5611		5611		
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	748		748		
X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	592		592		
X8950100	RELOCATE EXISTING MASTER CONTROLLER	EACH	1		1		
X8950200	REBUILD EXISTING HANDHOLE	EACH	1		1		
XX008271	IRRIGATION SYSTEM PIPE REPLACEMENT	FOOT	50	50			
XX008272	MANHOLES, TYPE A, 5'-DIAMETER, SPECIAL FRAME AND LID	EACH	1	1			
XX008273	MANHOLES, TYPE A, 6'-DIAMETER, SPECIAL FRAME AND LID	EACH	1	1			
XX008274	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 42"	FOOT	20	20			
XX008275	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1-1/4" DIA. POLYETHYLENE	FOOT	5088			5088	
XX008276	DECORATIVE BOULDER RELOCATION	EACH	21	21			
K0030403	PERENNIAL, TRANSPLANTED DAYLILIES	EACH	16	16			
K0030403	PERENNIAL PLANTS, GERANIUM IBERICUM (JOHNSON'S BLUE GERANIUM), 1 GAL	EACH	30	30			
60500210	FILLING CATCH BASINS, SPECIAL	EACH	1	1			

● SPECIALTY ITEM

FILE NAME = ...\\ood\sheets\2215_Sum_Quant.dgn
 USER NAME = kfk
 PLOT SCALE = 50.00' / IN.
 PLOT DATE = 10/1/2009

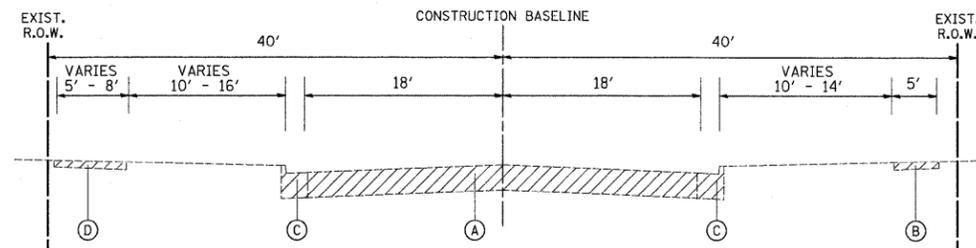
DESIGNED - JAT
 DRAWN - JAT
 CHECKED - DJK
 DATE - 10-16-09
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD
 SUMMARY OF QUANTITIES

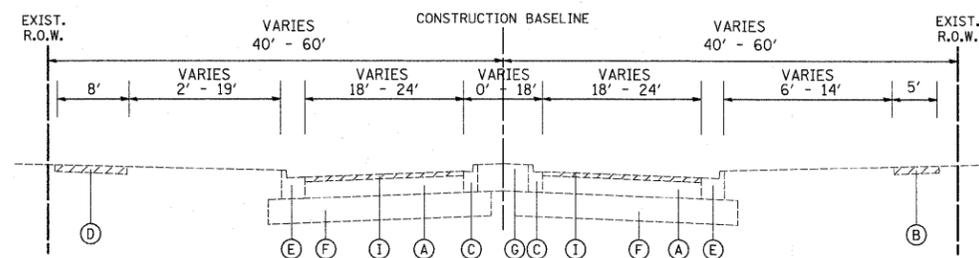
SHEET NO. 8 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	11
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003809				



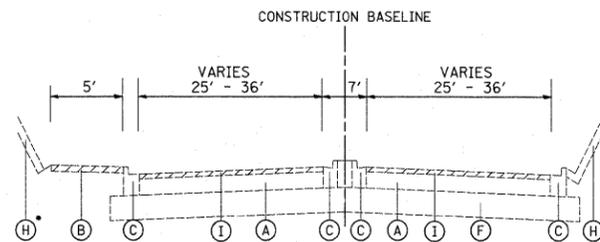
EXISTING TYPICAL SECTION

WRIGHT BOULEVARD
 STATION 100+22.8 TO STATION 112+63.0
 STATION 127+46.8 TO STATION 145+54.6



EXISTING TYPICAL SECTION

WRIGHT BOULEVARD
 STATION 112+63.0 TO STATION 118+30.0
 STATION 120+75.0 TO STATION 127+46.8



EXISTING TYPICAL SECTION

WRIGHT BOULEVARD
 STATION 118+30.0 TO STATION 120+75.0

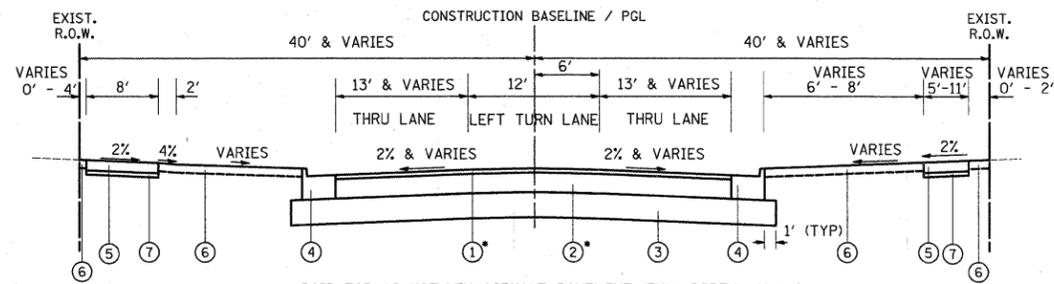
SEE RETAINING WALL PLANS FOR REMOVAL LIMITS OF SLOPE WALL

LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT - VARIES 9" TO 14"
- (B) PORTLAND CEMENT CONCRETE SIDEWALK
- (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (D) HOT-MIX ASPHALT BIKEPATH / PORTLAND CEMENT CONCRETE SIDEWALK
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) AGGREGATE SUBGRADE - 12" & VARIES
- (G) LANDSCAPED MEDIAN
- (H) CONCRETE SLOPE WALL
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

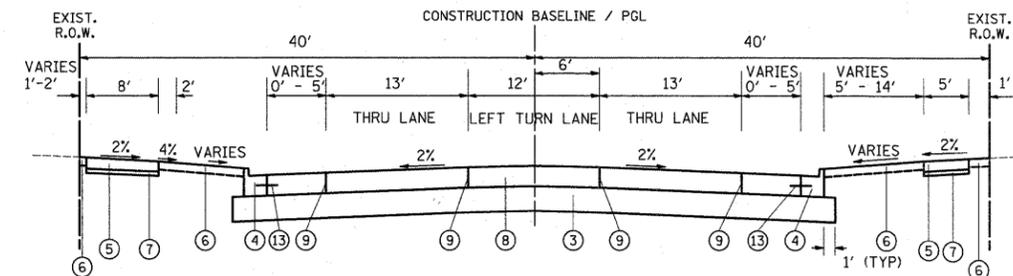
REMOVAL ITEMS

FILE NAME = J:\2215\cad\sheeta\2215_typ_EXIST.dgn	USER NAME = jat	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD TYPICAL SECTIONS	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 12		
PLOT SCALE = 50.0000' / IN.	CHECKED - DJK	REVISED -	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS		CONTRACT NO. 63378				
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)						



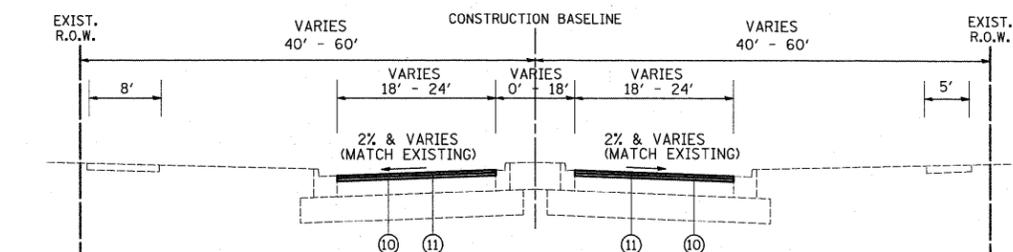
PROPOSED TYPICAL SECTION

WRIGHT BOULEVARD
STATION 100+22.8 TO STATION 101+10.3



PROPOSED TYPICAL SECTION

WRIGHT BOULEVARD
STATION 101+10.3 TO STATION 112+63.0
STATION 127+46.8 TO STATION 134+60.0
STATION 136+88.0 TO STATION 139+21.6



PROPOSED TYPICAL SECTION

WRIGHT BOULEVARD
STATION 112+63.0 TO STATION 118+30.0
STATION 120+75.0 TO STATION 127+46.8

LEGEND

- ① HOT-MIX ASPHALT, SURFACE COURSE, MIX "D", N70 (2")
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (9 1/2")
- ③ AGGREGATE SUBGRADE, 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
- ⑥ TOPSOIL, FURNISH AND PLACE 4" SODDING, SALT TOLERANT
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B 2" (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL)
- ⑧ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ⑨ LONGITUDINAL JOINTS (SEE JOINTING PLAN FOR REINFORCEMENT DETAILS)
- ⑩ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, (3/4")
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (1 1/2")
- ⑫ RETAINING WALL (SEE SHEETS 104-107)
- ⑬ NO. 6 TIE BAR AT 24" CENTERS (SEE STANDARD 606001) (INCLUDED IN COST OF "COMB. CONC. C&G, TYPE B-6.24")

PAVEMENT DESIGN

ITEM	WISE ROAD
STRUCTURAL DESIGN TRAFFIC (2030)	11,000
ROAD CLASSIFICATION	II
PASSENGER CARS	8,280
SINGLE UNITS	276
MULTIPLE UNITS	644
TRAFFIC FACTOR	4.0
DESIGN THICKNESS	10+12
DOWEL DIAMETER	1.50"

THICKNESS = (PCC + SUBBASE) INCHES

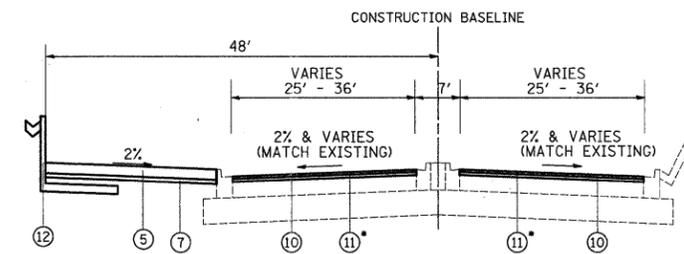
CONTRACTOR SHALL MILL BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 1 1/2"	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	4% @ 50 GYR.
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 9 1/2"	4% @ 70 GYR.
PATCHING	
CLASS D PATCH (HMA BINDER IL-19 MM), 6" AND 10"	4% @ 70 GYR.

NOTES:

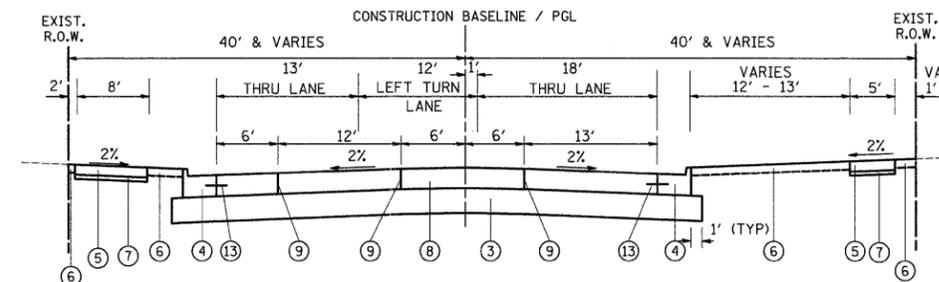
1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION

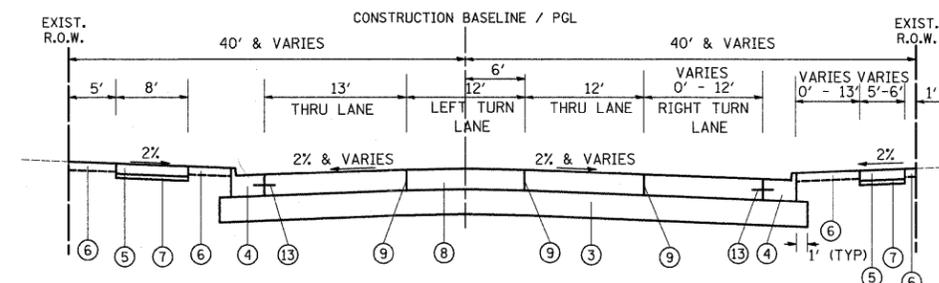
WRIGHT BOULEVARD
STATION 118+30.0 TO STATION 120+75.0

THE CONTRACTOR SHALL MAINTAIN THE EXISTING CLEARANCE BETWEEN WRIGHT BOULEVARD AND THE ELGIN-O'HARE EXPRESSWAY.



PROPOSED TYPICAL SECTION

WRIGHT BOULEVARD
STATION 134+60.0 TO STATION 136+88.0



PROPOSED TYPICAL SECTION

WRIGHT BOULEVARD
STATION 139+21.6 TO STATION 145+54.6

SCHEDULE OF TREE REMOVAL	
STATION	6 TO 15 UNIT DIAMETER
100+60, RT	8
101+00, RT	8
101+39, RT	10
101+79, RT	8
102+98, RT	8
103+39, RT	8
103+78, RT	6
104+20, RT	6
104+55, RT	7
104+95, RT	7
105+63, RT	8
105+63, LT	8
105+64, LT	14
108+56, LT	12
109+06, LT	10
110+82, LT	8
111+87, RT	6
111+90, LT	8
112+59, LT	8
127+46, RT	9
128+16, RT	10
128+97, RT	10
132+17, LT	8
135+14, LT	9
135+57, LT	6
135+96, LT	8
136+34, LT	8
136+94, LT	12
137+18, LT	9
138+82, LT	12
139+54, LT	12
142+08, RT	6
143+36, RT	12
143+78, RT	12
144+17, RT	8
144+95, RT	12

SCHEDULE OF CONCRETE HEADWALL REMOVAL	
STATION	CONCRETE HEADWALL REMOVAL (EACH)
	50104400
106+02, RT	1

SCHEDULE OF DRIVEWAYS		
STATION	DRIVEWAY REMOVAL (SQ YD)	PCC DRIVEWAY, 8 INCH, SPECIAL (SQ YD)
102+23, RT	74	59
102+26, LT	59	53
105+27, RT	75	62
105+31, LT	65	61
106+02, LT	79	92
106+89, LT	131	141
107+34, RT	61	54
107+82, RT	73	66
109+11, LT	21	29
109+56, LT	2	2
111+53, LT	129	131
112+36, RT	41	35
126+12, LT	0	2
127+36, LT	14	14
129+27, RT	47	41
130+05, LT	61	59
131+52, RT	76	45
131+90, LT	70	61
132+63, LT	57	39
132+73, RT	78	71
133+07, LT	69	59
135+93, RT	215	205
136+58, RT	77	65
136+67, LT	77	57
137+12, RT	49	55
137+38, LT	75	56
137+66, LT	40	32
138+13, LT	65	46
138+62, LT	59	38
140+40, RT	40	35
140+90, RT	40	37
141+23, RT	42	38
141+66, LT	78	77
142+37, LT	61	59
142+66, RT	95	90
143+32, LT	91	80

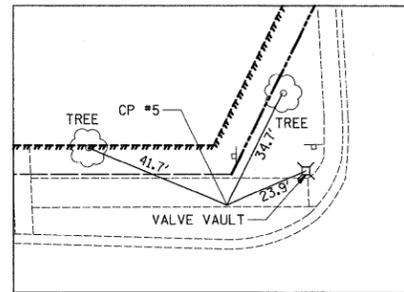
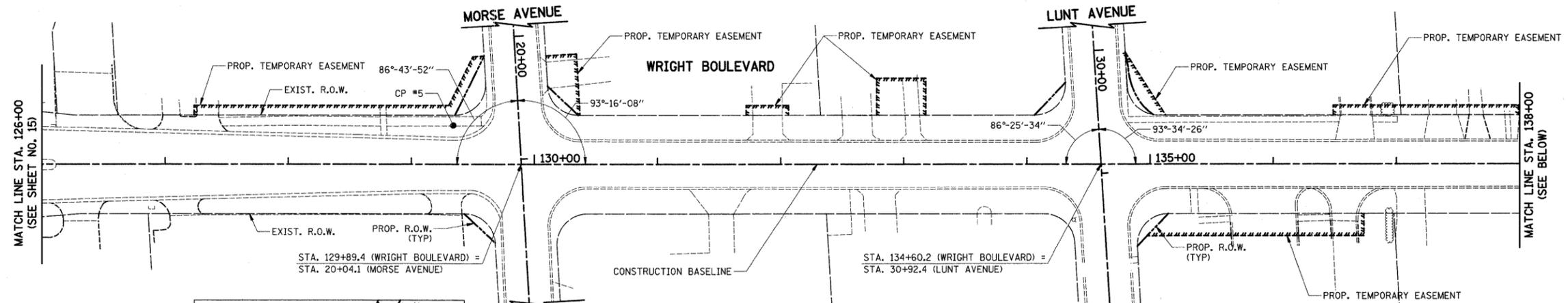
EARTHWORK SCHEDULE			
ITEM	UNIT	STAGE 1	STAGE 2
EARTH EXCAVATION	C.Y.	3824	4871
EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	C.Y.	3250	4141
EMBANKMENT REQUIRED	C.Y.	318	422
EARTHWORK BALANCE			
WASTE (+) OR SHORTAGE (-)	C.Y.	+2932	+3719

SHRINKAGE CALCULATED USING 15% SHRINKAGE FACTOR

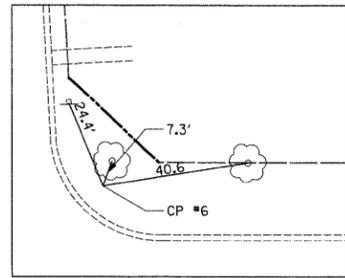
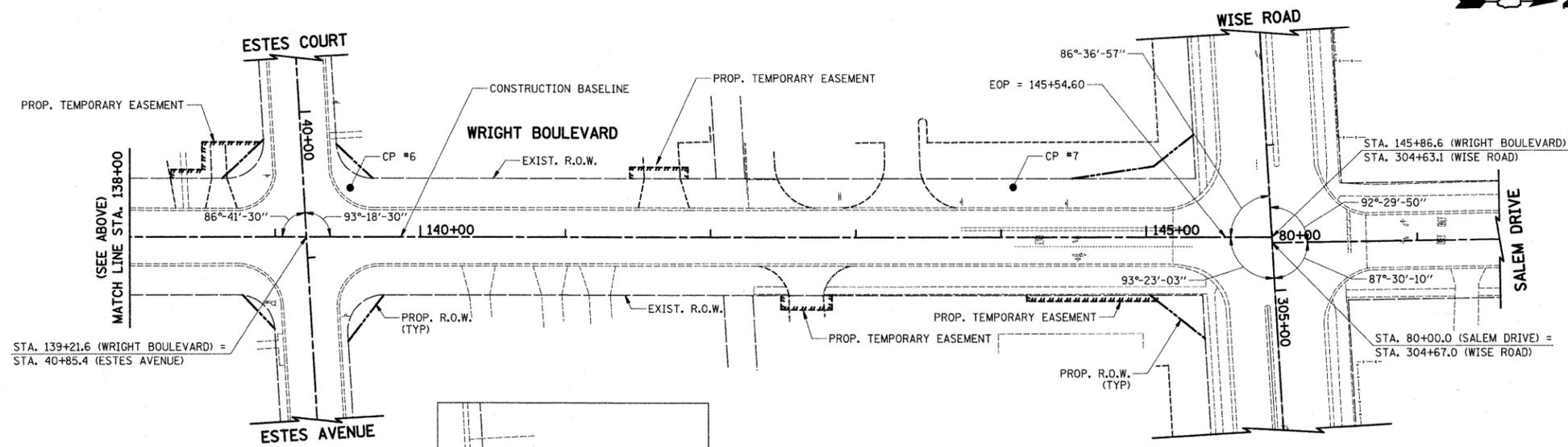
A PAY ITEM FOR "FURNISHED EXCAVATION" HAS BEEN INCLUDED ON THE ASSUMPTION THAT, DUE TO LIMITED WORKING SPACE, ALL EMBANKMENT MAY HAVE TO BE BROUGHT IN FROM OUTSIDE THE PROJECT LIMITS.

CONTROL POINTS

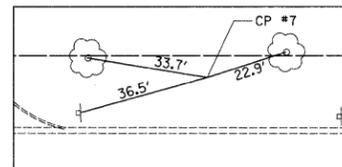
POINT NO.	NORTHING	EASTING	STATION	OFFSET
5	1942666.58	1047177.02	129+34.15	31.47' LT.
6	1943684.20	1047184.12	139+51.79	33.46' LT.
7	1944140.85	1047187.59	144+08.45	34.07' LT.



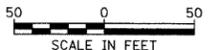
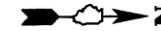
CONTROL POINT #5
STA. 129+34.15, 31.47' LT



CONTROL POINT #6
STA. 139+51.79, 33.46' LT



CONTROL POINT #7
STA. 144+08.45, 34.07' LT



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	ALIGNED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	
	NOTATIONS	

FILE NAME = J:\2215\oad\sheeta\2215_Align & Ties 02.dwg

USER NAME = jat
PLOT SCALE = 50,0000' / IN.
PLOT DATE = 10/15/2009

DESIGNED - JAT
DRAWN - CDC
CHECKED - DJK
DATE - 10-16-09

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WRIGHT BOULEVARD
ALIGNMENT AND BENCHMARKS**

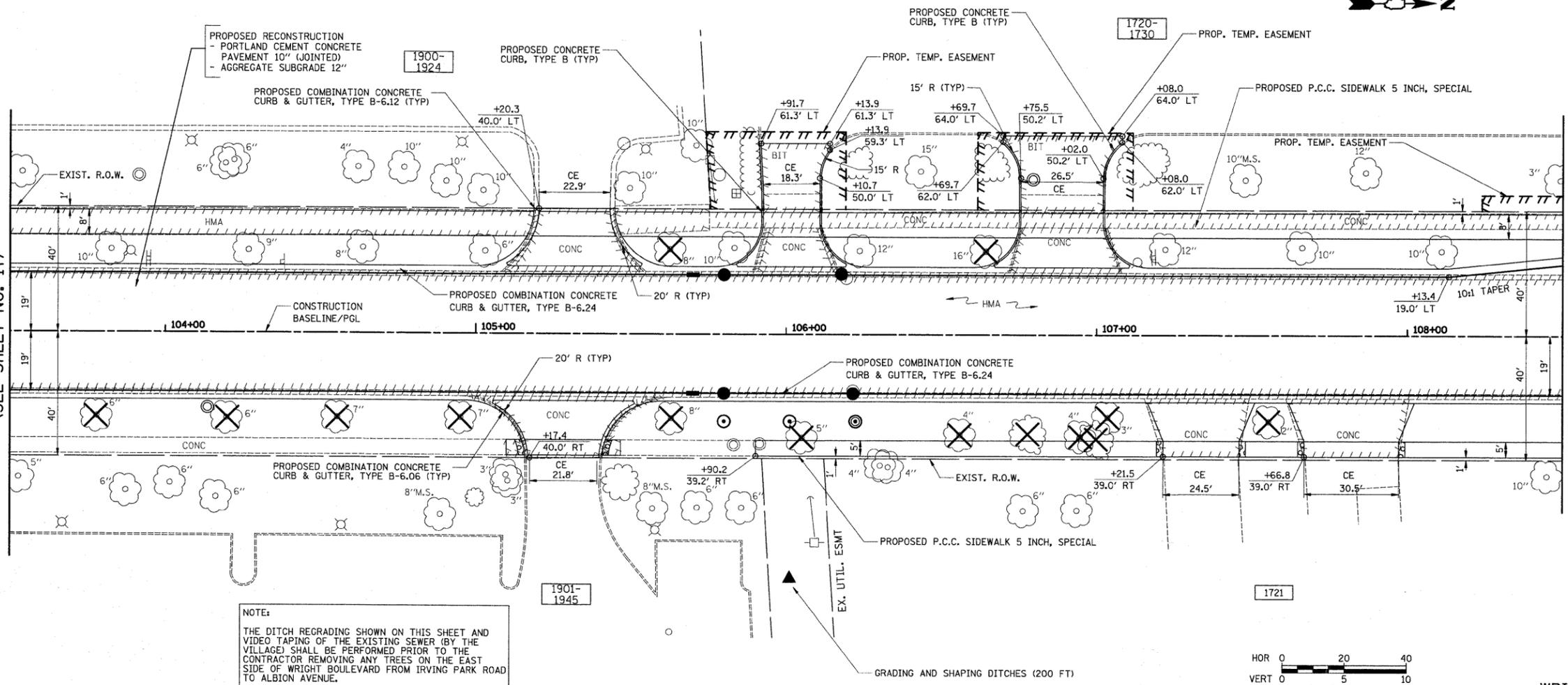
SCALE: 1" = 50' SHEET NO. 2 OF 2 SHEETS STA. 126+00 TO STA. 146+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-0090-00-PV	COOK	137	16
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

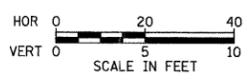
DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PLAN	
NO.	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PROFILE	
NO.	

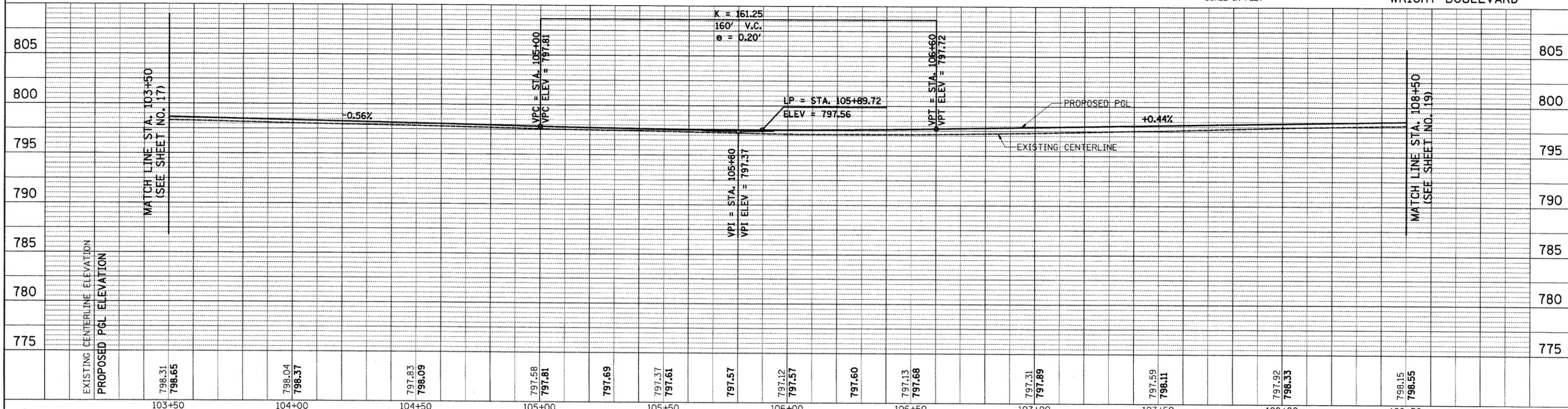
MATCH LINE STA. 103+50
(SEE SHEET NO. 17)



NOTE:
THE DITCH REGRADING SHOWN ON THIS SHEET AND VIDEO TAPING OF THE EXISTING SEWER (BY THE VILLAGE) SHALL BE PERFORMED PRIOR TO THE CONTRACTOR REMOVING ANY TREES ON THE EAST SIDE OF WRIGHT BOULEVARD FROM IRVING PARK ROAD TO ALBION AVENUE.



WRIGHT BOULEVARD



FILE NAME = ...\\oad\sheets\2215_P&P_02.dgn
USER NAME = krx
DESIGNED - JAT
DRAWN - JAT
CHECKED - DJK
DATE - 10-16-09

REVISIONS:
REVISED -
REVISED -
REVISED -
REVISED -

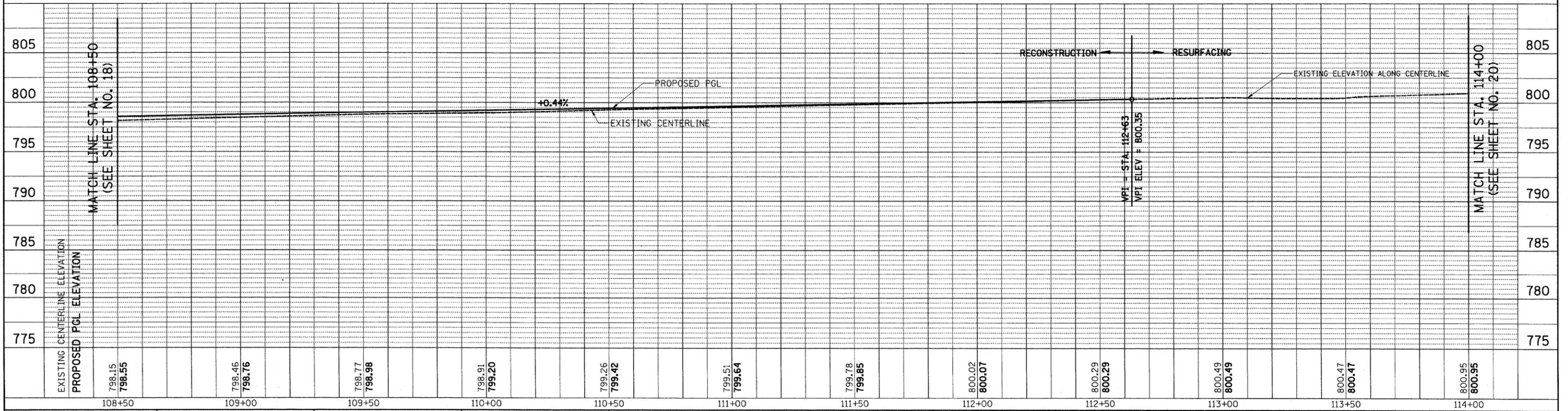
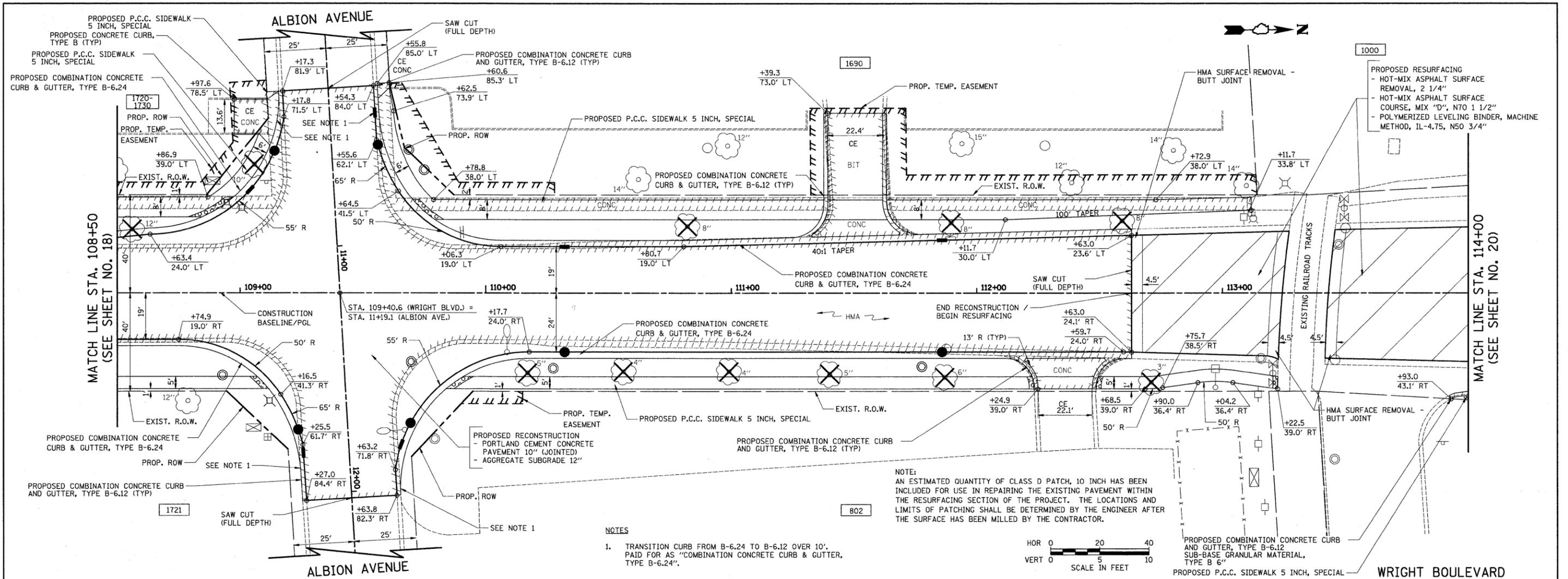
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD
PLAN & PROFILE
SCALE: 1" = 20'
SHEET NO. 2 OF 10 SHEETS
STA. 103+50 TO STA. 108+50

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	18
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

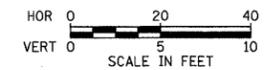
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



- NOTES**
1. TRANSITION CURB FROM B-6.24 TO B-6.12 OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".

NOTE:
AN ESTIMATED QUANTITY OF CLASS D PATCH, 10 INCH HAS BEEN INCLUDED FOR USE IN REPAIRING THE EXISTING PAVEMENT WITHIN THE RESURFACING SECTION OF THE PROJECT. THE LOCATIONS AND LIMITS OF PATCHING SHALL BE DETERMINED BY THE ENGINEER AFTER THE SURFACE HAS BEEN MILLED BY THE CONTRACTOR.



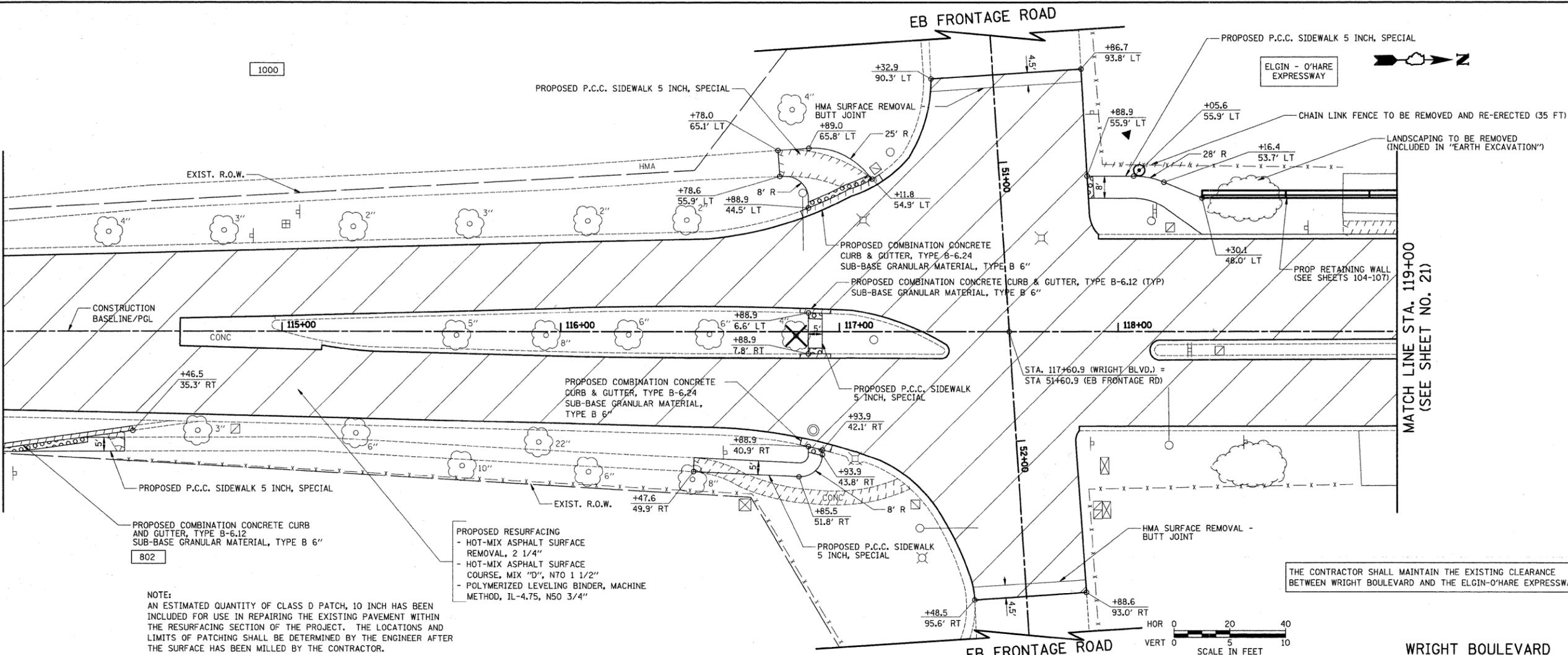
FILE NAME = ...\\cad\sheets\2215_P&P_03.dgn	USER NAME = kpk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD PLAN & PROFILE	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 19	
PLOT SCALE = 20,0000' / IN.	PLOT DATE = 10/29/2009	DRAWN - JAT	REVISED -			SCALE: 1" = 20'			SHEET NO. 3 OF 10 SHEETS		
CHECKED - DJK	DATE - 10-16-09	REVISOR -	REVISED -			STA. 108+50 TO STA. 114+00			CONTRACT NO. 63378		
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-N-8003 (809)					

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNED	
	CHECKED	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS	
	CHKD	

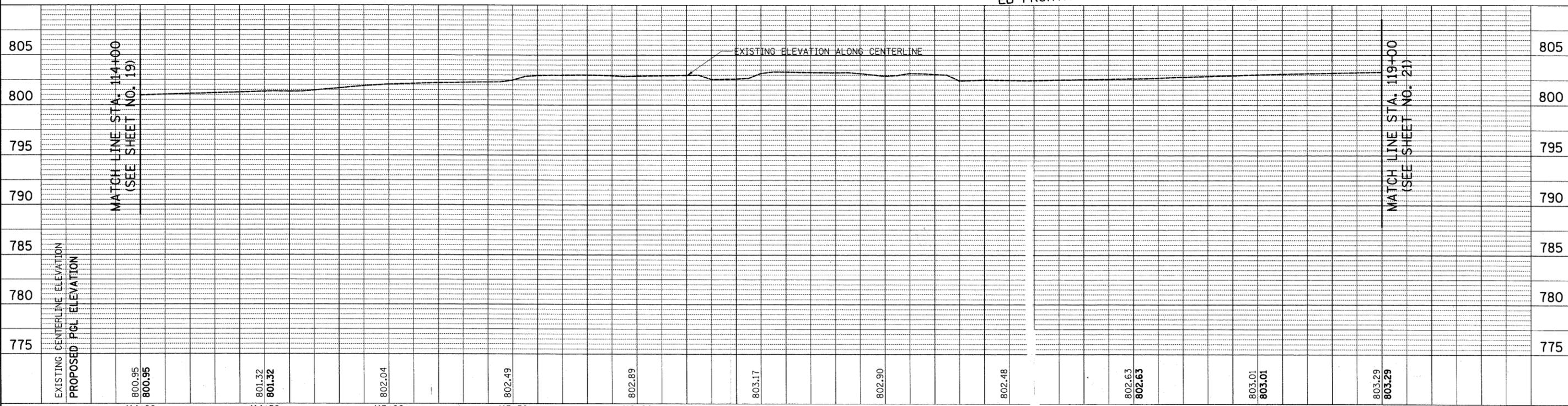
MATCH LINE STA. 114+00
(SEE SHEET NO. 19)

MATCH LINE STA. 119+00
(SEE SHEET NO. 21)



NOTE:
AN ESTIMATED QUANTITY OF CLASS D PATCH, 10 INCH HAS BEEN INCLUDED FOR USE IN REPAIRING THE EXISTING PAVEMENT WITHIN THE RESURFACING SECTION OF THE PROJECT. THE LOCATIONS AND LIMITS OF PATCHING SHALL BE DETERMINED BY THE ENGINEER AFTER THE SURFACE HAS BEEN MILLED BY THE CONTRACTOR.

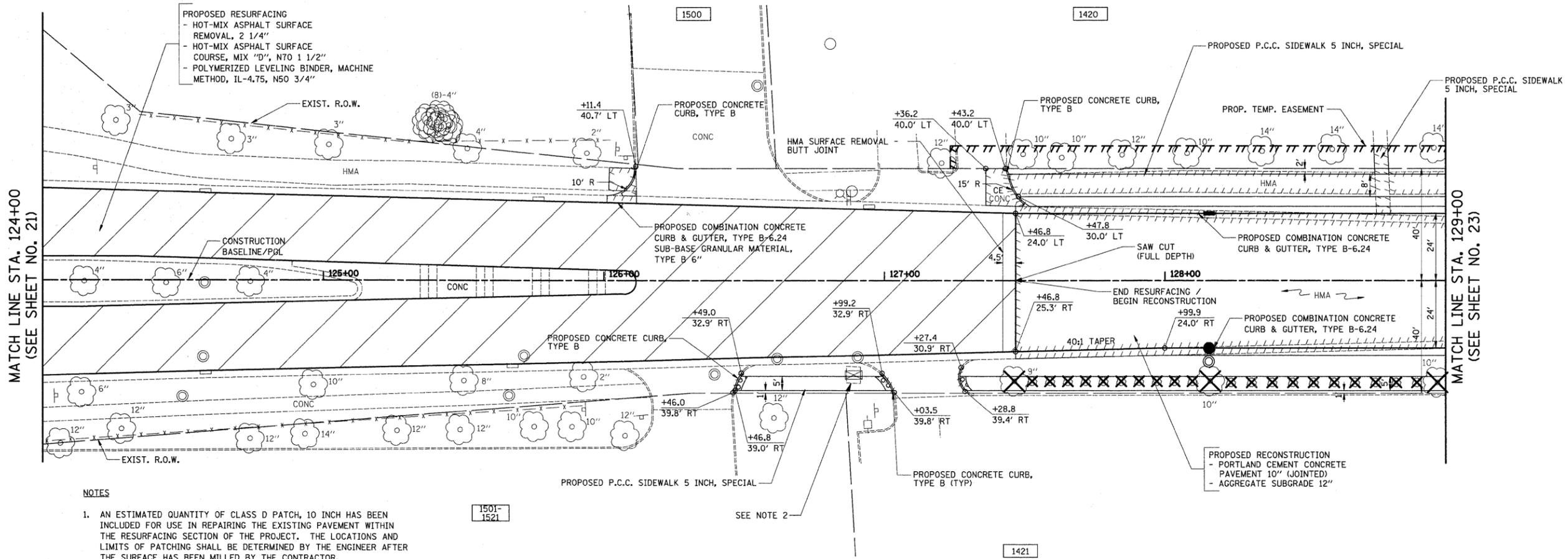
THE CONTRACTOR SHALL MAINTAIN THE EXISTING CLEARANCE BETWEEN WRIGHT BOULEVARD AND THE ELGIN-O'HARE EXPRESSWAY.



FILE NAME = ...\\ced\sheets\2215_P&P_04.dgn	USER NAME = kpk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	WRIGHT BOULEVARD PLAN & PROFILE	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 20
PLOT SCALE = 28,0000' / IN.	CHECKED - DJK	REVISED -	CONTRACT NO. 63378								
PLOT DATE = 10/29/2009	DATE - 10-16-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)								
							ET NO. 4 OF 10 SHEETS STA. 114+00 TO STA. 119+00				

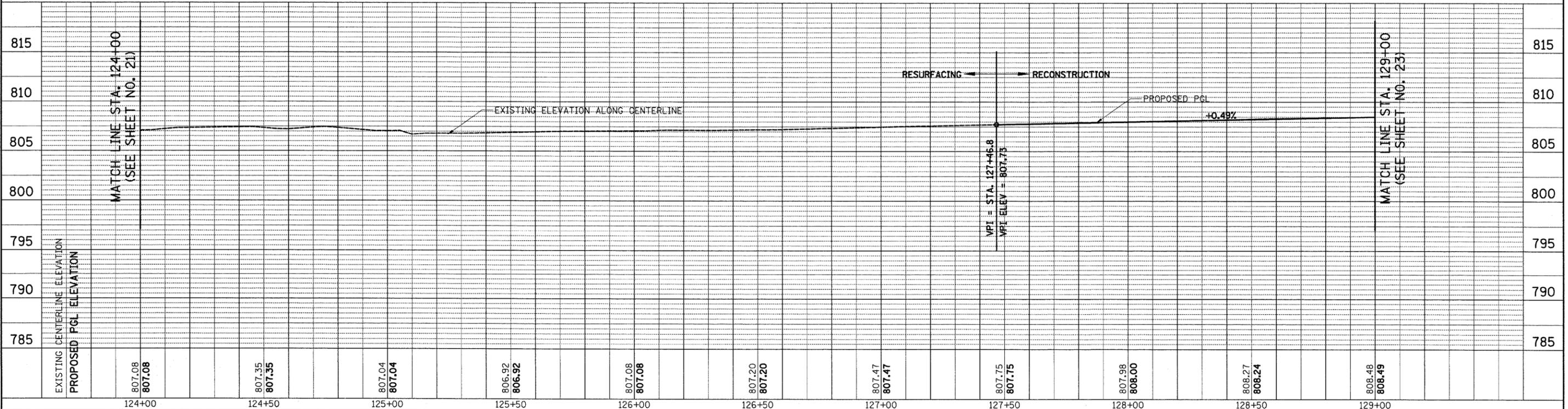
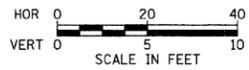
DATE	
BY	
REVISIONS	
NO.	
PLAN	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
NO.	
PROFILE	
NO.	
NOTE BOOK	
NO.	
STRUCTURE	
NOTATIONS	
CHKD	



NOTES

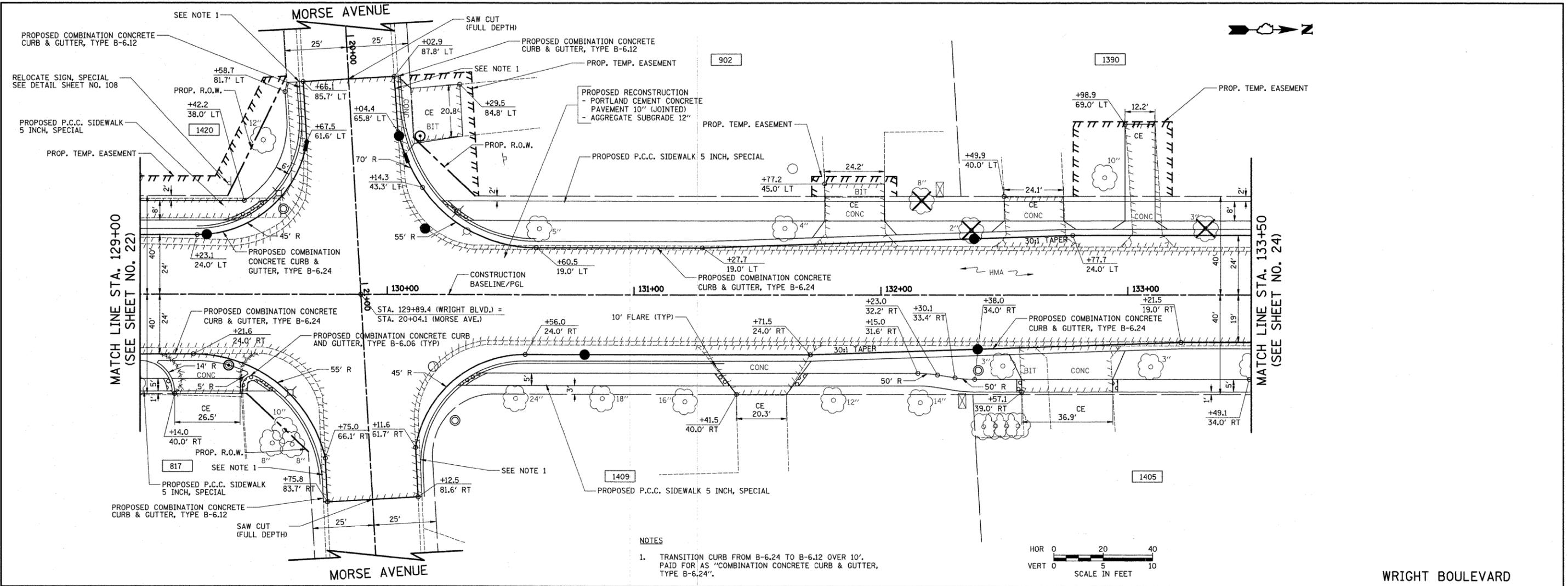
1. AN ESTIMATED QUANTITY OF CLASS D PATCH, 10 INCH HAS BEEN INCLUDED FOR USE IN REPAIRING THE EXISTING PAVEMENT WITHIN THE RESURFACING SECTION OF THE PROJECT. THE LOCATIONS AND LIMITS OF PATCHING SHALL BE DETERMINED BY THE ENGINEER AFTER THE SURFACE HAS BEEN MILLED BY THE CONTRACTOR.
2. SAW CUT UTILITY BOX CONCRETE PAD TO ACCOMMODATE 5' WIDTH OF PROPOSED SIDEWALK. PAID FOR AS "SIDEWALK REMOVAL".



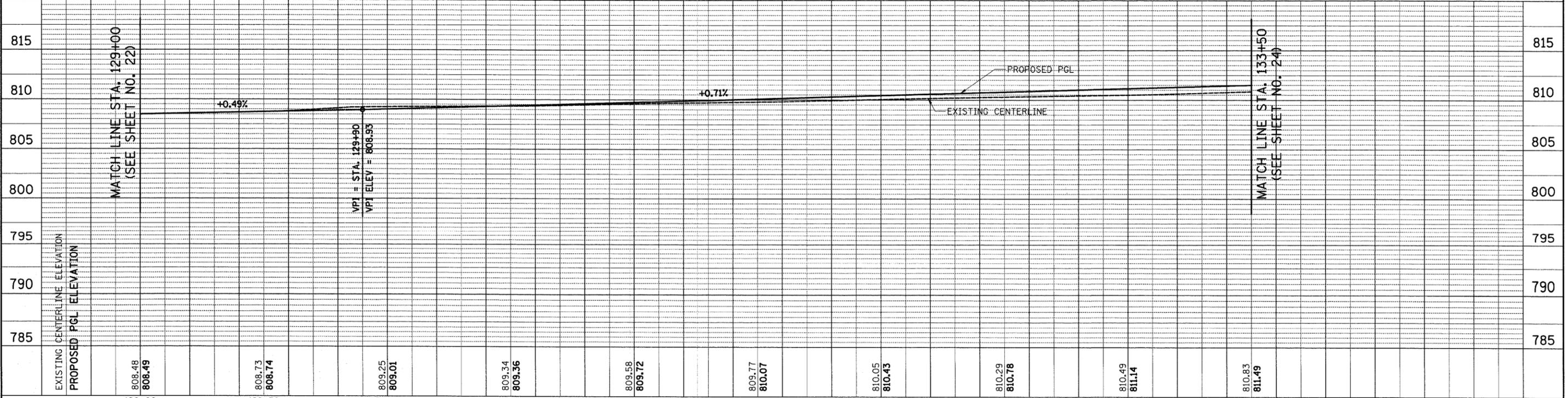
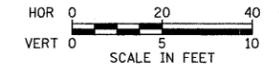
FILE NAME = ...\\cad\sheets\2215_P&P_06.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD PLAN & PROFILE	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 22	CONTRACT NO. 63378
PLOT SCALE = 20,0000' / IN.	CHECKED - DJK	REVISIED -	SCALE: 1" = 20'			SHEET NO. 6 OF 10 SHEETS	STA. 124+00 TO STA. 129+00	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT ARA-M-8003 (809)		
PLOT DATE = 10/29/2009	DATE - 10-16-09	REVISIED -									

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



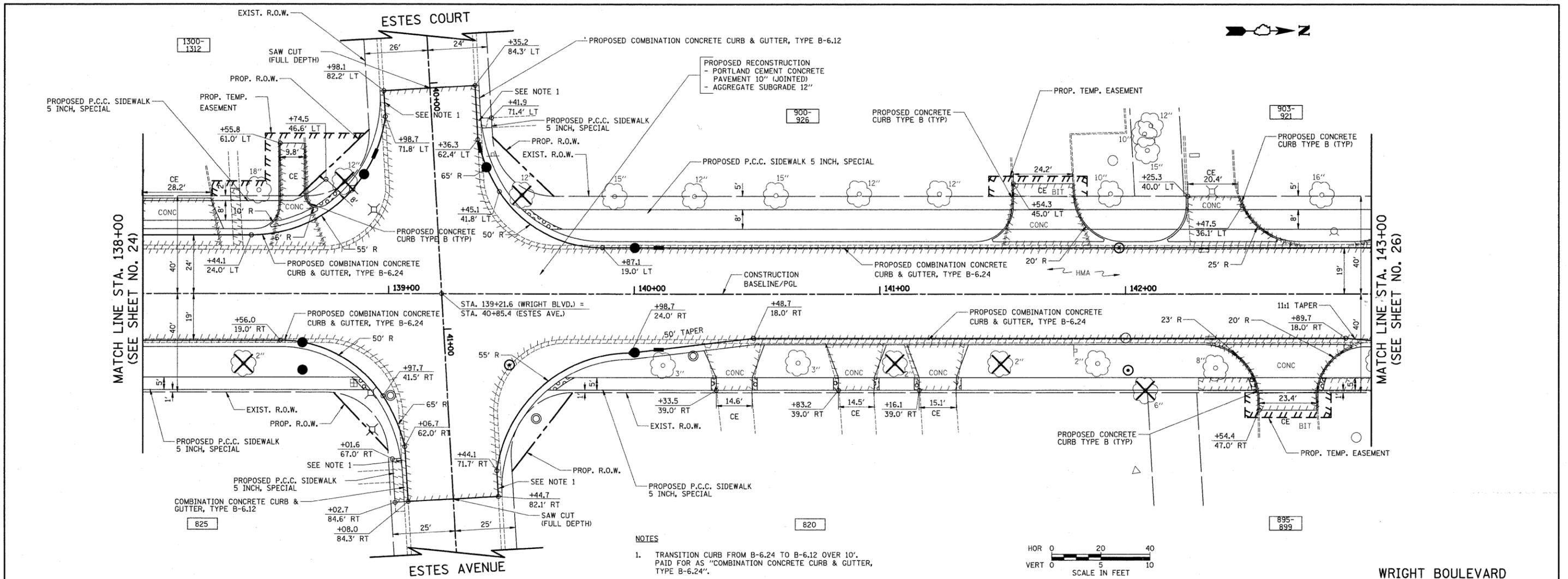
NOTES
 1. TRANSITION CURB FROM B-6.24 TO B-6.12 OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".



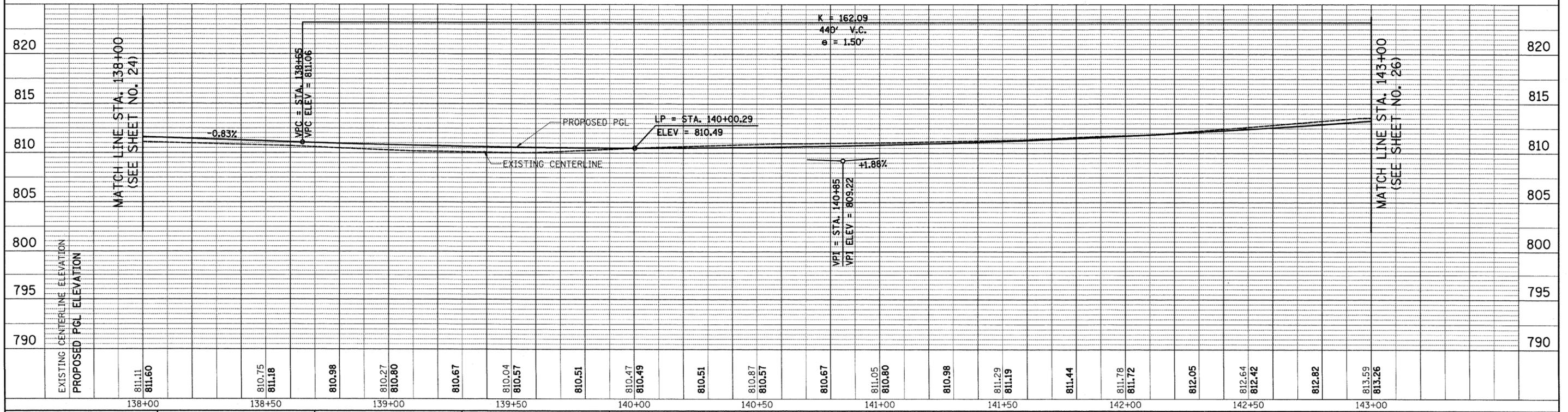
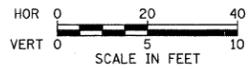
FILE NAME = ...\\cad\shets\2215_P&P_07.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD PLAN & PROFILE	F.A.U. R.T.E. 1351	SECTION 06-0090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 23	
PLOT SCALE = 28,0000' / IN.	DRAWN - JAT	REVISIONS -	SCALE: 1" = 20'			SHEET NO. 7 OF 10 SHEETS	STA. 129+00 TO STA. 133+50	CONTRACT NO. 63378			
PLOT DATE = 10/29/2009	CHECKED - DJK	REVISIONS -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)								
	DATE - 10-16-09	REVISIONS -									

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	
NO.	
NO.	
NO.	



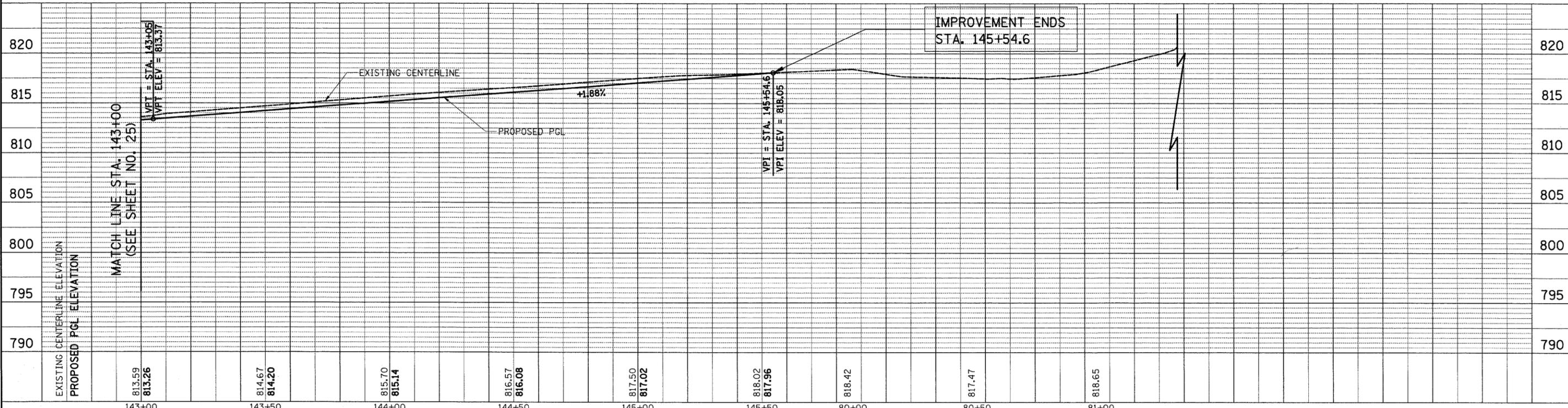
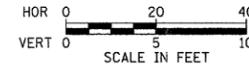
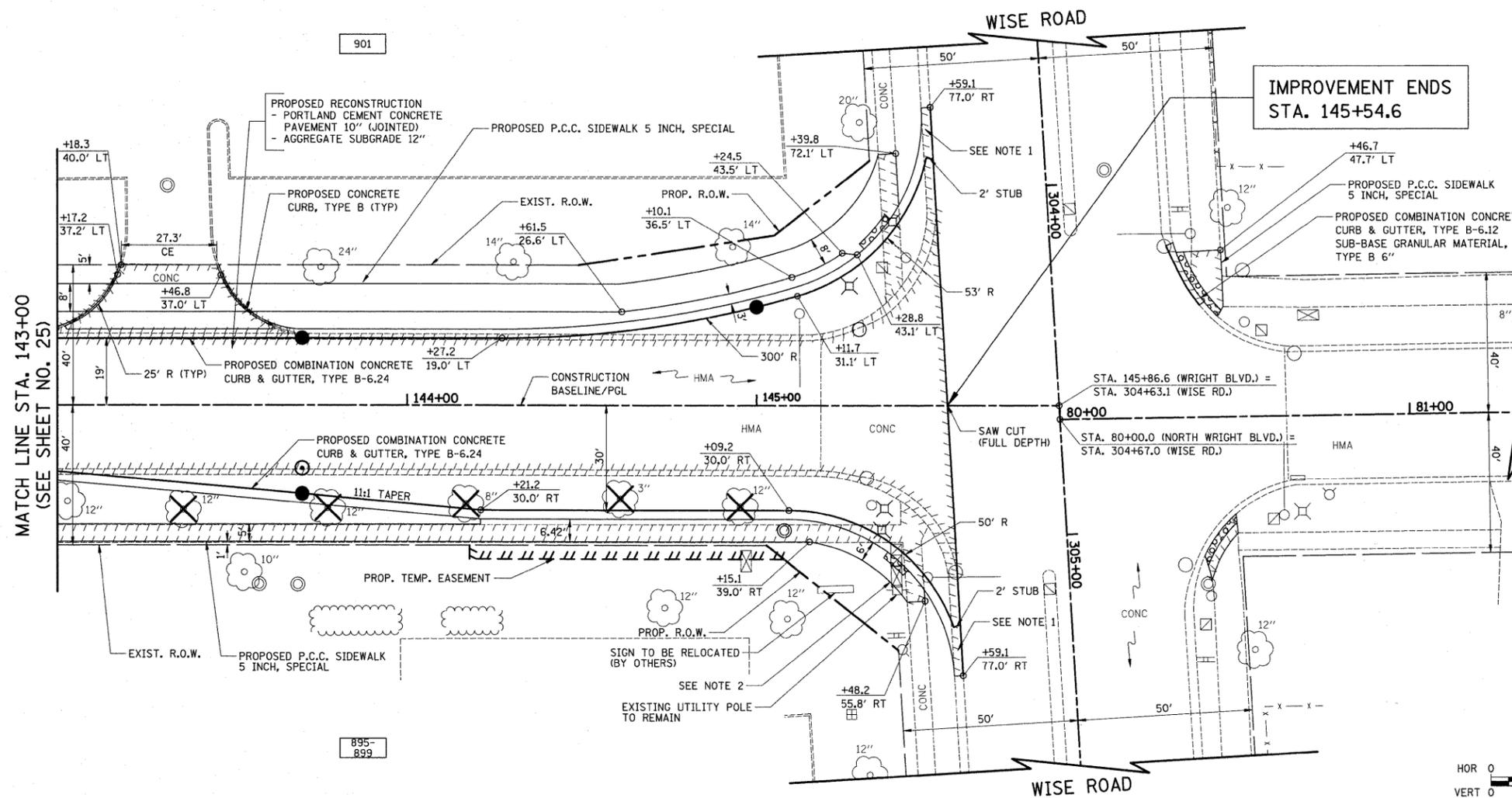
NOTES
 1. TRANSITION CURB FROM B-6.24 TO B-6.12 OVER 10'. PAID FOR AS "COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24".



FILE NAME = J:\2215\cad\shasta\2215_P&P_09.dgn	USER NAME = jat	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD PLAN & PROFILE	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.	
	PLOT SCALE = 20,0000' / IN.	DRAWN - JAT	REVISED -			1351 06-00090-00-PV COOK 137 25	
	PLOT DATE = 10/16/2009	CHECKED - DJK	REVISED -			CONTRACT NO. 63378	
		DATE - 10-16-09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)	

REVIEWED	BY	DATE
PLANNED		
NOTED		
NO.		

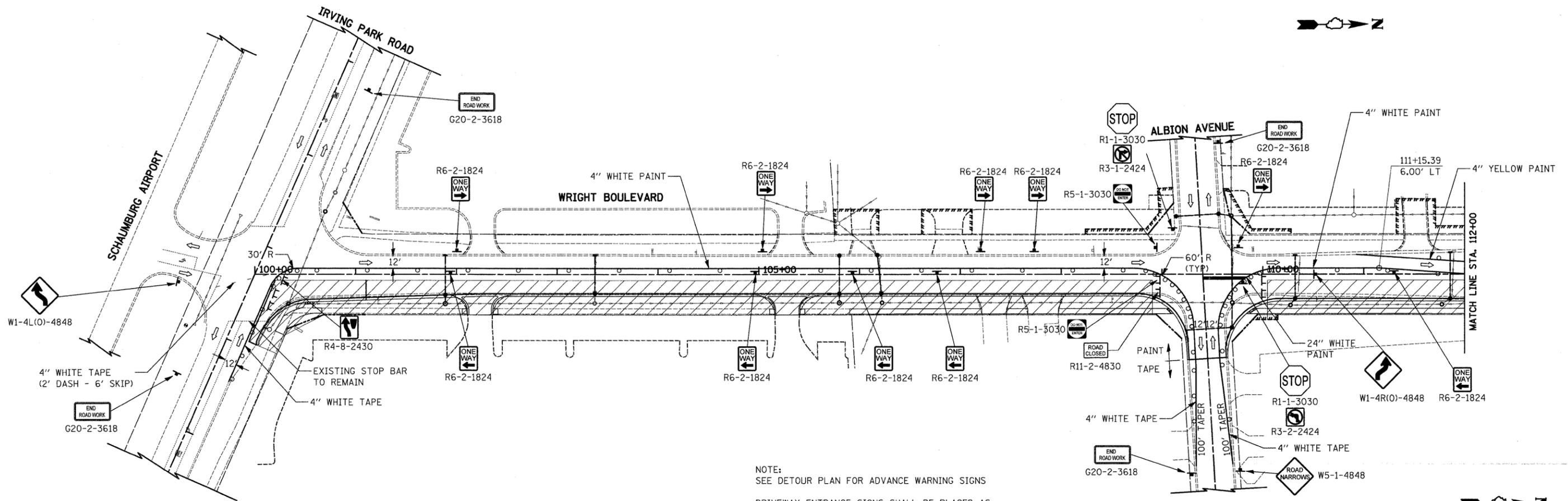
REVIEWED	BY	DATE
PLANNED		
NOTED		
NO.		



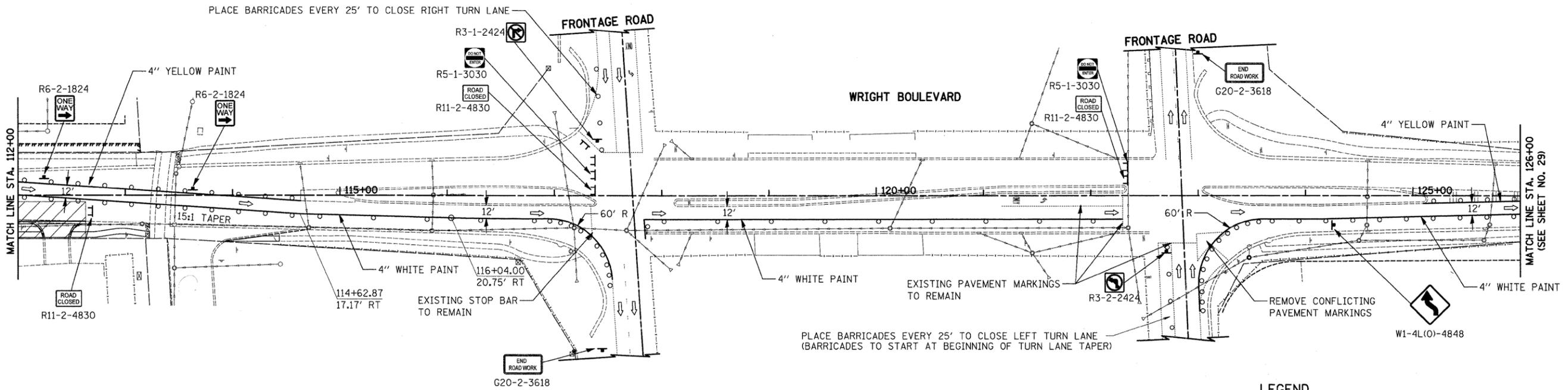
FILE NAME = ...\\cad\sheets\2215_P&P 10.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD PLAN & PROFILE	F.A.U. RTE. 1351	SECTION 06-0090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 26
PLOT SCALE = 20.0000 "/td> <td>CHECKED - DJK</td> <td>REVISED -</td> <td colspan="3" style="text-align: center;">CONTRACT NO. 63378</td>	CHECKED - DJK	REVISED -	CONTRACT NO. 63378							
PLOT DATE = 10/29/2009	DATE = 10-16-09	REVISED -	SCALE: 1" = 20' SHEET NO. 10 OF 10 SHEETS STA. 143+00 TO STA. 146+00							
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	



NOTE:
SEE DETOUR PLAN FOR ADVANCE WARNING SIGNS
DRIVEWAY ENTRANCE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER (SEE DETAIL TC-26)



LEGEND

- TYPE II BARRICADE OR DRUM
- ▬ TYPE III BARRICADE
- ➔ DIRECTION OF TRAFFIC



FILE NAME = J:\2215\cad\sheets\2215_MOT_1_1_01.dgn

USER NAME = jat
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 10/15/2009

DESIGNED - DJK
DRAWN - DJK
CHECKED - KRK
DATE - 10-16-09

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

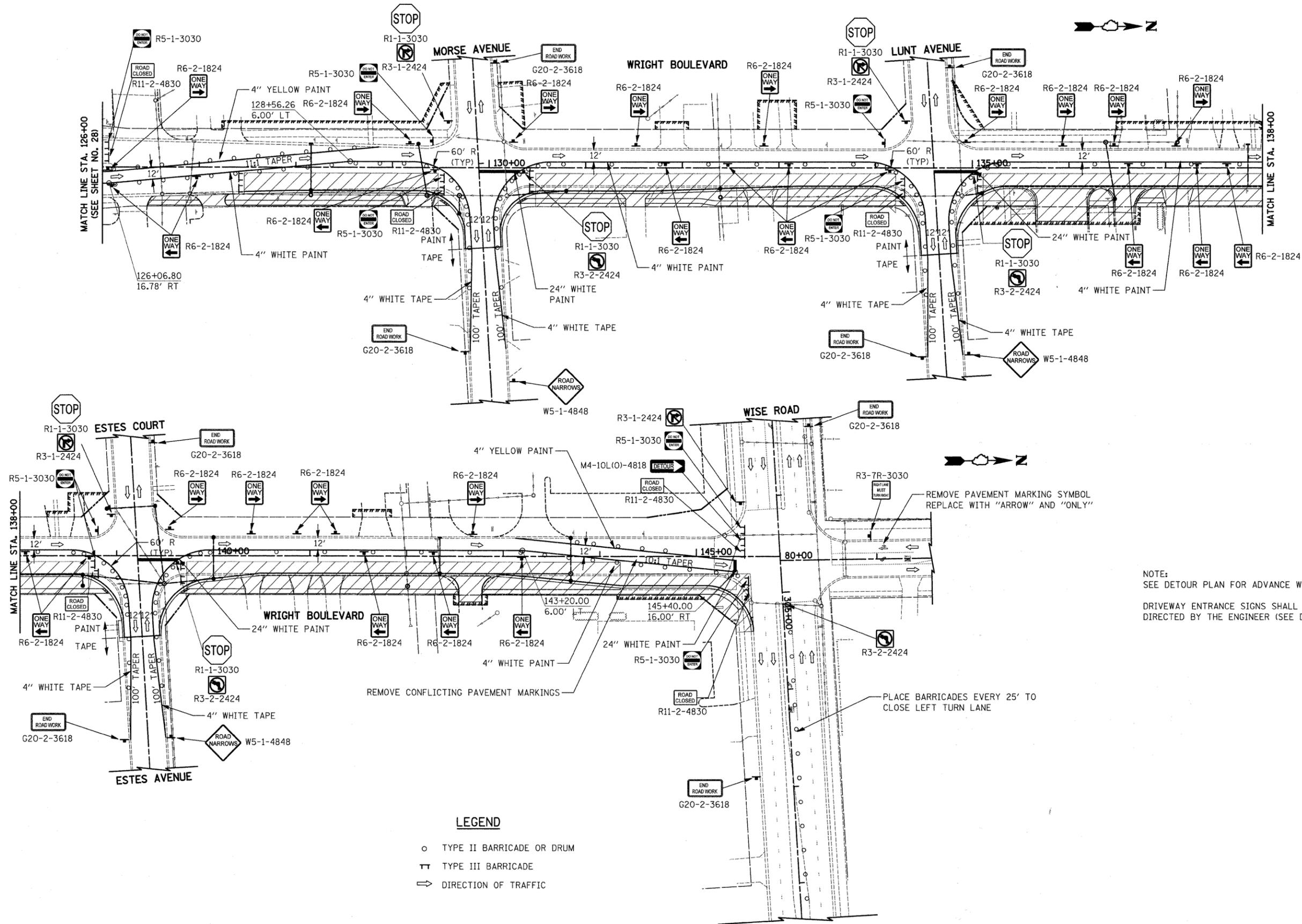
**WRIGHT BOULEVARD
MAINTENANCE OF TRAFFIC - STAGE 1**

SHEET NO. 2 OF 5 SHEETS

F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 28
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. /	
	FILE NAME	

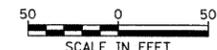
PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO. /	



NOTE:
SEE DETOUR PLAN FOR ADVANCE WARNING SIGNS
DRIVEWAY ENTRANCE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER (SEE DETAIL TC-26)

LEGEND

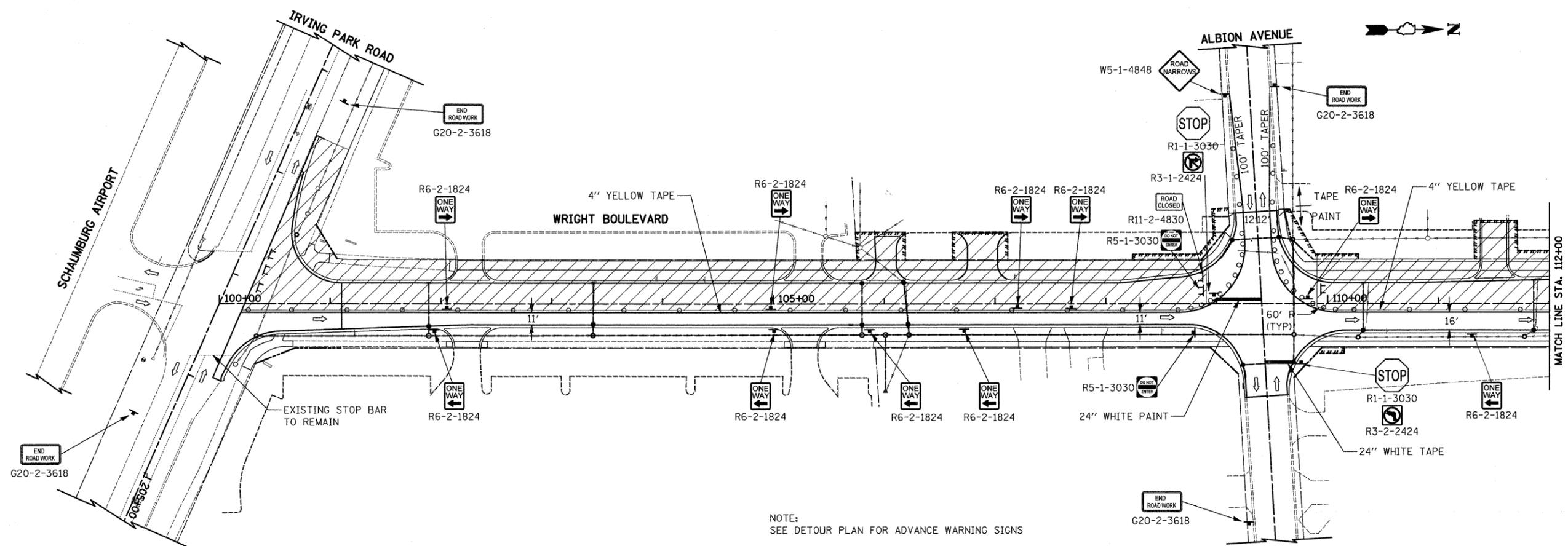
- TYPE II BARRICADE OR DRUM
- ⊥ TYPE III BARRICADE
- ⇒ DIRECTION OF TRAFFIC



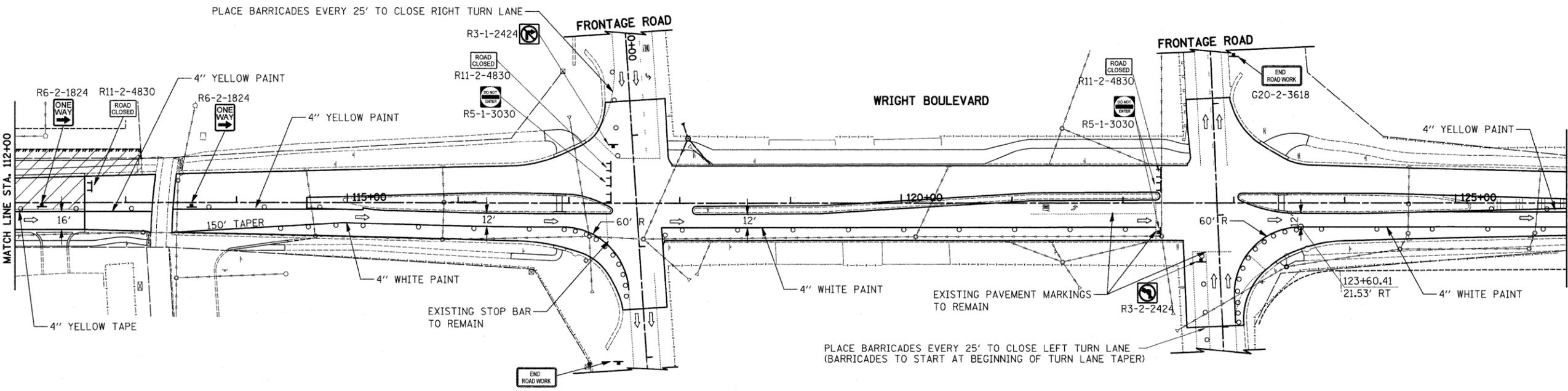
FILE NAME = J:\2215\cad\sheets\2215_MOT_1.02.dgn	USER NAME = jat	DESIGNED - DJK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD MAINTENANCE OF TRAFFIC - STAGE 1		F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 29	
PLOT SCALE = 50.0000' / IN.	CHECKED - KRK	REVISED -			SHEET NO. 3 OF 5 SHEETS		CONTRACT NO. 63378					
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -										
											FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)	

PLAN	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	



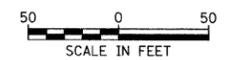
NOTE:
SEE DETOUR PLAN FOR ADVANCE WARNING SIGNS
DRIVEWAY ENTRANCE SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER (SEE DETAIL TC-26)



PLACE BARRICADES EVERY 25' TO CLOSE LEFT TURN LANE (BARRICADES TO START AT BEGINNING OF TURN LANE TAPER)

LEGEND

- TYPE II BARRICADE OR DRUM
- ⊥ TYPE III BARRICADE
- ➔ DIRECTION OF TRAFFIC



FILE NAME = J:\2215\oad\sheets\2215_MOT_2_01.dgn

USER NAME = jat
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 10/15/2009

DESIGNED - DJK
DRAWN - DJK
CHECKED - KRK
DATE - 10-16-09

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

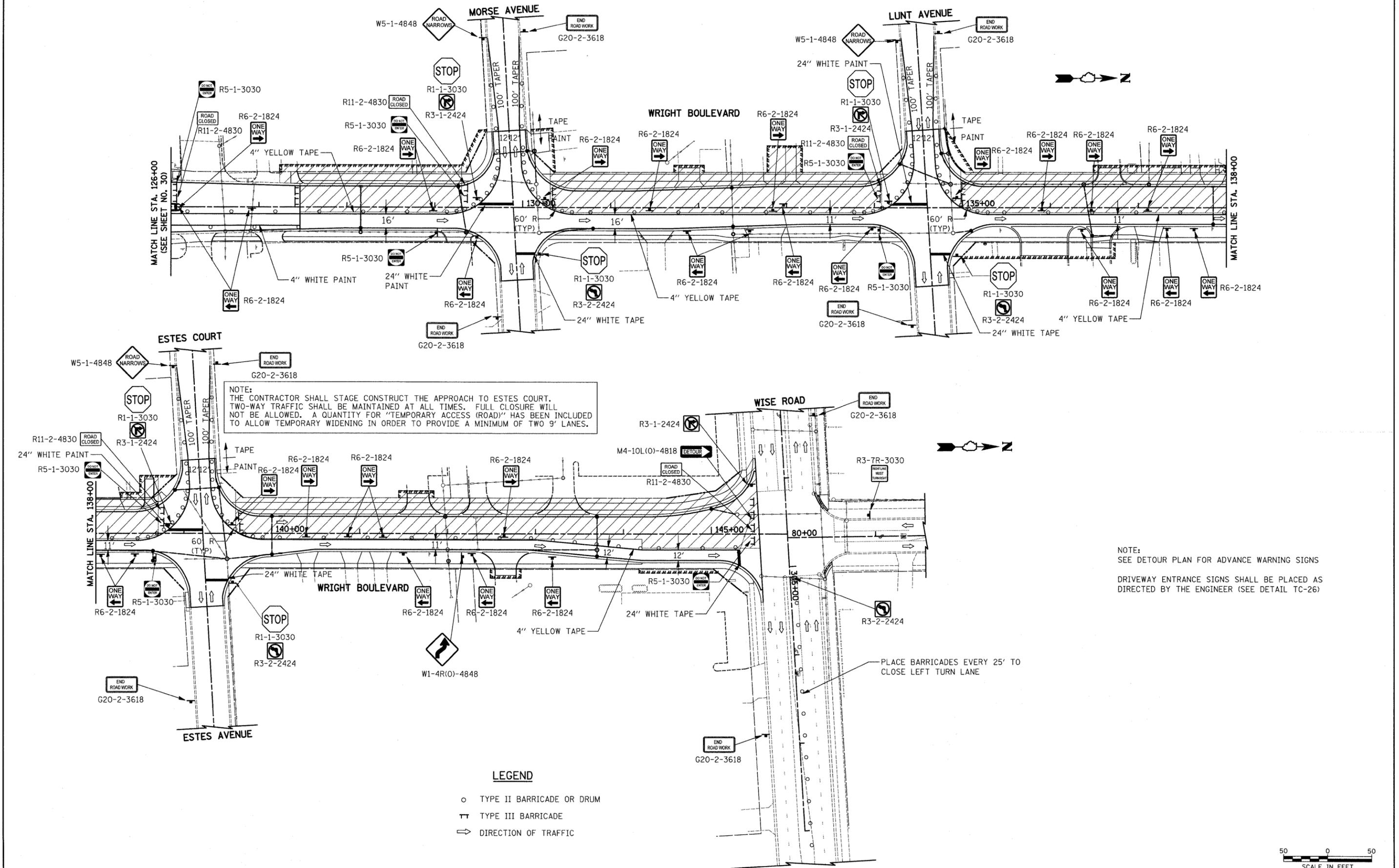
**WRIGHT BOULEVARD
MAINTENANCE OF TRAFFIC - STAGE 2**

SHEET NO. 4 OF 5 SHEETS

F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 30
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-N-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ATTEMPTED	
	FILE NAME	
	NO.	

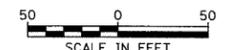
PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS	
	NO.	



NOTE:
 THE CONTRACTOR SHALL STAGE CONSTRUCT THE APPROACH TO ESTES COURT.
 TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. FULL CLOSURE WILL
 NOT BE ALLOWED. A QUANTITY FOR "TEMPORARY ACCESS (ROAD)" HAS BEEN INCLUDED
 TO ALLOW TEMPORARY WIDENING IN ORDER TO PROVIDE A MINIMUM OF TWO 9' LANES.

NOTE:
 SEE DETOUR PLAN FOR ADVANCE WARNING SIGNS
 DRIVEWAY ENTRANCE SIGNS SHALL BE PLACED AS
 DIRECTED BY THE ENGINEER (SEE DETAIL TC-26)

- LEGEND**
- TYPE II BARRICADE OR DRUM
 - ⊥ TYPE III BARRICADE
 - ➔ DIRECTION OF TRAFFIC



FILE NAME = J:\2215\oad\shhets\2215_MOT_2_02.dgn

USER NAME = jat
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 10/15/2009

DESIGNED - DJK
 DRAWN - DJK
 CHECKED - KRK
 DATE - 10-16-09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WRIGHT BOULEVARD
 MAINTENANCE OF TRAFFIC - STAGE 2**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	31
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

SHEET NO. 5 OF 5 SHEETS

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	CHECKED BY	
	DATE	

LEGEND

-  SIGNALIZED INTERSECTION
-  48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT (NUMBER DENOTES TYPE)
-  M4-9 SERIES DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)
-  OTHER DETOUR SIGN (NUMBER DENOTES TYPE)
-  DETOUR ROUTE
-  DETOUR ROUTE DIRECTION
-  SIGN POST

DETOUR GENERAL NOTES

1. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
2. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AND AS DIRECTED BY THE ENGINEER.
3. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTRL DEVICES."
4. ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE, AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING, PRIOR TO THE START OF WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.
7. ACTUAL LOCATIONS FOR SIGNING SHOWN ON THE DETOUR PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
8. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
9. ALL DETOUR SIGNING SHALL BE POST MOUNTED.
10. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
11. THE ROAD NAME SIGN SHALL BE A BLACK LEGEND ON ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6".
12. AT A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 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.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.
14. THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.
15. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
16. DURING NON-WORKING HOURS THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE TYPE III BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
18. THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE THE ROAD IS TO BE REOPENED TO TRAFFIC. THE CONTRACTOR WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
19. THE COST OF THIS WORK FOR THE DETOUR SHALL BE INCLUDED IN THE UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR".

SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE
1	 W20-1-4848
2	 W20-3(0)-4848
3	 W20-3(0)-4848
4	 M3-2(0)-2412
5	 W17-1100-2412
6	 M4-9R(0)-3030
7	 M4-9R(0)-3024
8	 M4-9(0)-3030
9	 M4-9L(0)-3030
10	 M4-9L(0)-3024
11	TEMPORARY INFORMATION SIGN (SEE DETAIL TC-22)
12	 M6-1(0)-2115
13	 M4-8a(0)-2418
14	 W20-2(0)-4848

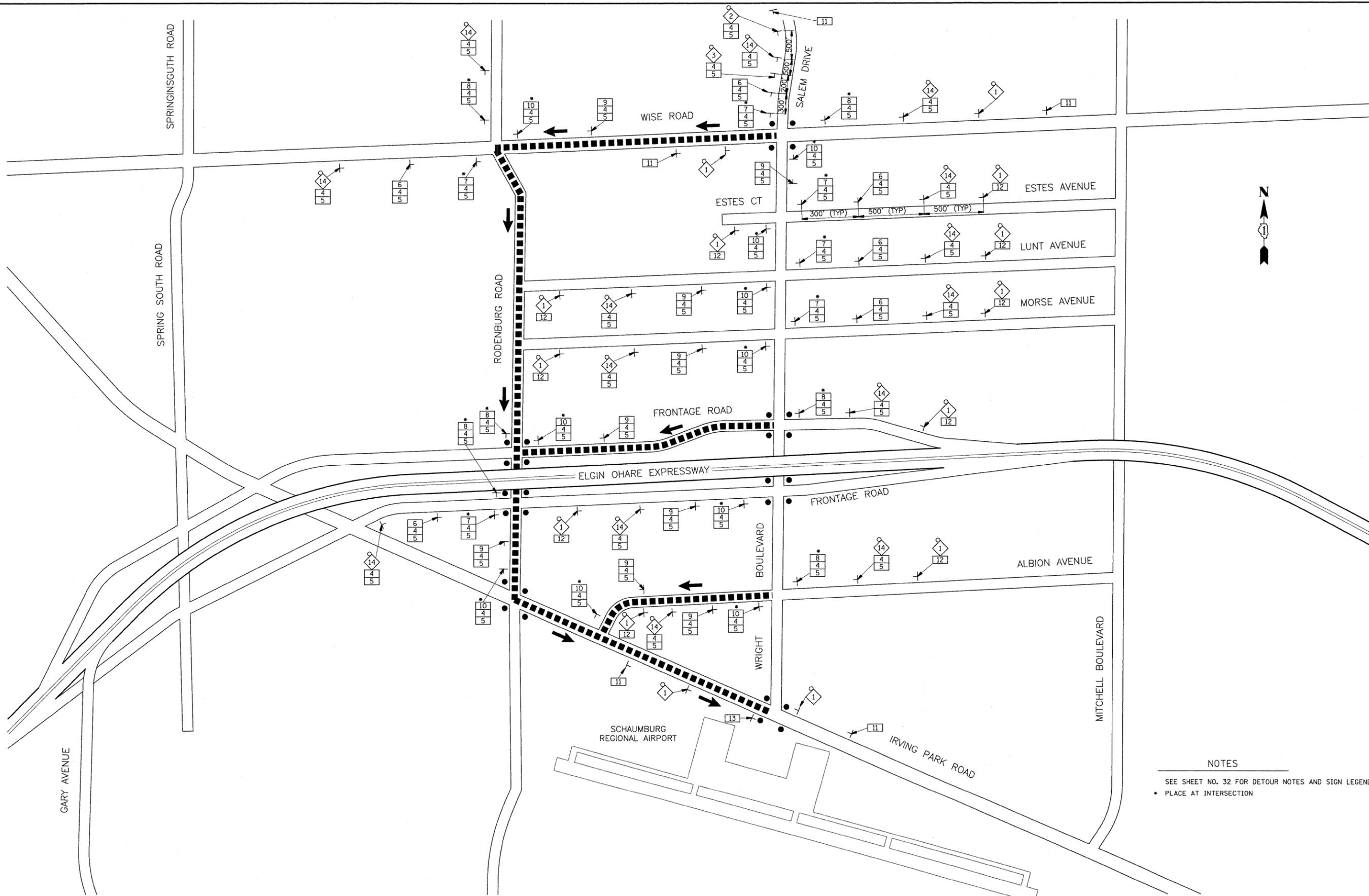
TYPICAL SIGN ORIENTATION



FILE NAME = J:\2215\cad\shets\2215_Detour_Notes.dgn	USER NAME = jst	DESIGNED - DJK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 32	
PLOT SCALE = 1.0000 / / IN.	CHECKED - KRK	REVISED -				CONTRACT NO. 63378					
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -				SHEET NO. 1 OF 2 SHEETS					
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-N-8003 (809)					

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	NOTES	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

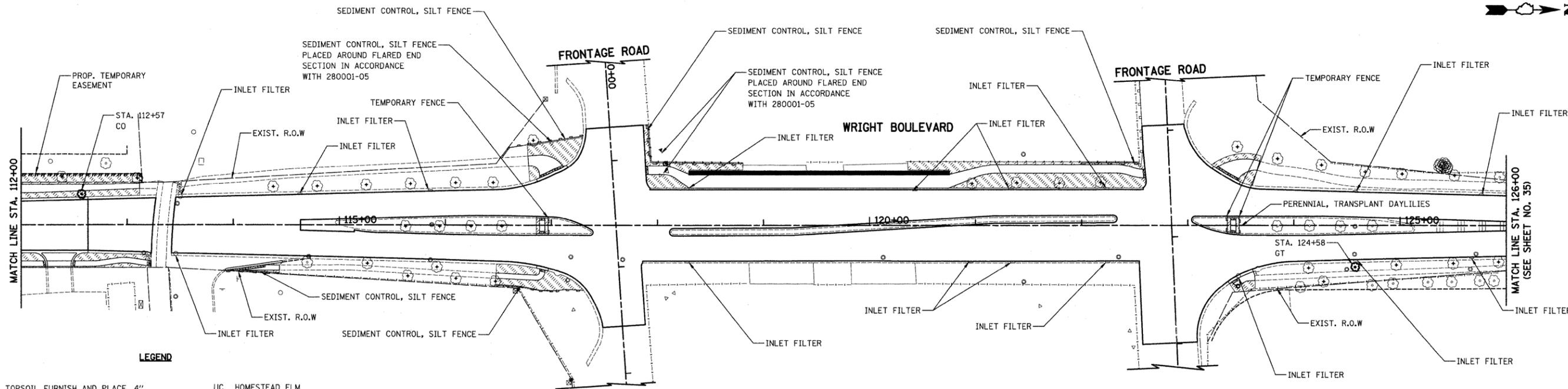
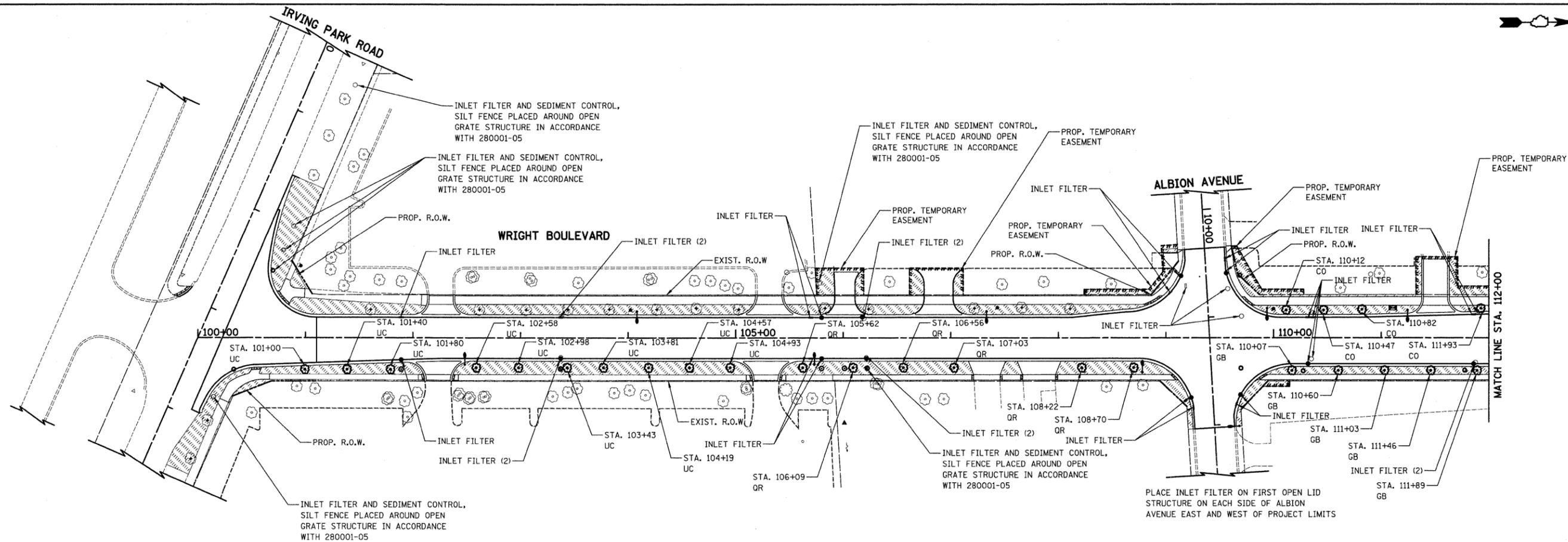


NOTES
 SEE SHEET NO. 32 FOR DETOUR NOTES AND SIGN LEGEND
 • PLACE AT INTERSECTION

FILE NAME = J:\2215\cad\sheet\2215_Detour_Plan.dgn	USER NAME = jat	DESIGNED - DJK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN		F.A.U. RTE. 1351	SECTION 06-0090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 33
	PLOT SCALE = 1.0005' / IN.	DRAWN - DJK	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF 2 SHEETS	CONTRACT NO. 63378		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)		
	PLOT DATE = 10/15/2009	CHECKED - KRK	REVISED -								
		DATE - 10-16-09	REVISED -								

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	CHECKED
	AT
	AL
	MAX
	CHECKED
	FILE
	NAME
	NO.

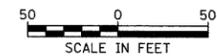
DATE	
BY	
PROFILE	SURVEYED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHKD
	NO.



LEGEND

- | | | | |
|--|--|----|--|
| | TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT | UC | HOMESTEAD ELM |
| | PROPOSED TREE (CENTERED BETWEEN CURB AND SIDEWALK) | QR | RED OAK |
| | EXISTING TREE TO REMAIN | CO | PRAIRIE PRIDE HACKBERRY |
| | SEDIMENT CONTROL, SILT FENCE | GB | PRINCETON SENTRY GINKGO |
| | PROPOSED LIGHTING UNIT | GT | SHADEMASTER THORNLESS COMMON HONEYLOCUST |
| | | TT | SILVER LINDEN |
| | | AX | MARMO FREEMAN MAPLE |
| | | RA | GRO-LOW FRAGRANT SUMAC |

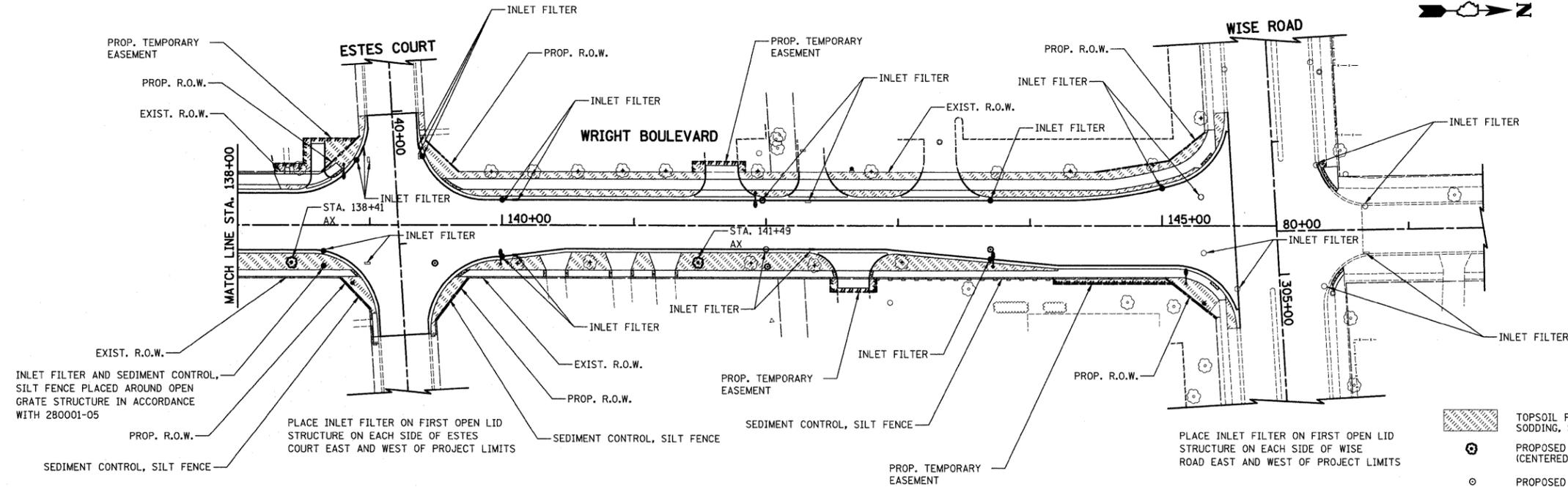
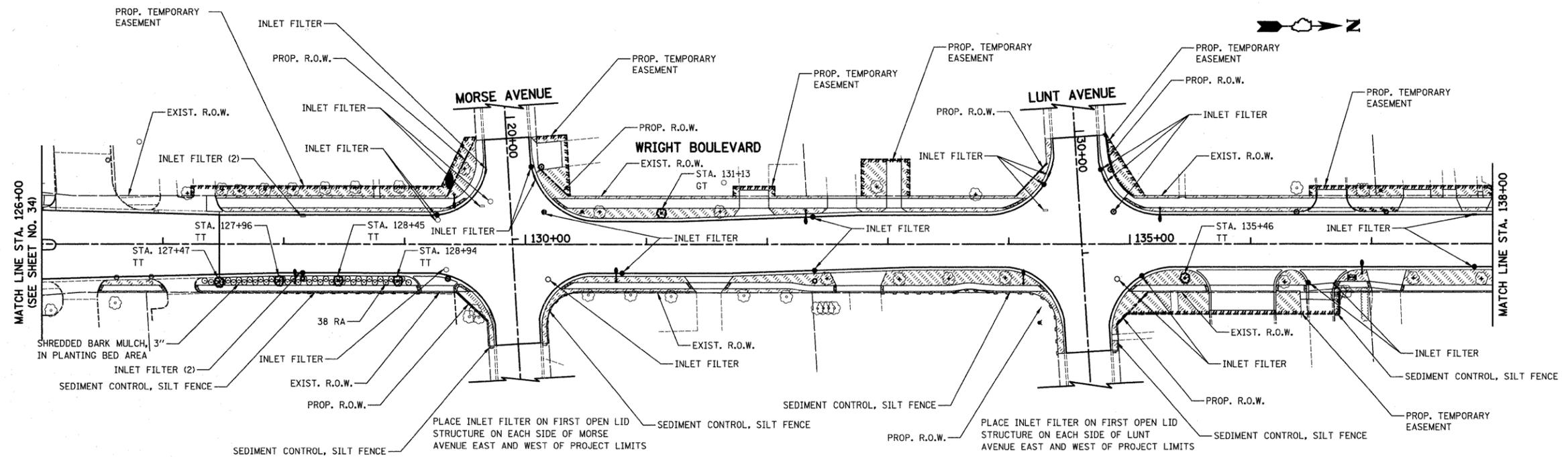
NOTE:
ALL EXISTING TREES SHOWN TO REMAIN WITHIN THE EXISTING OR PROPOSED RIGHT-OF-WAY, SHALL HAVE TEMPORARY FENCE PLACED AROUND THEM IN ACCORDANCE WITH THE DETAIL SHOWN ON SHEET NO. 110.



FILE NAME = J:\2215\cad\sheet\2215_1sc_ero_01.dgn	USER NAME = jat	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD LANDSCAPING AND EROSION CONTROL PLAN	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 34		
PLT SCALE = 5/8" = 1' / IN.	CHECKED - DJK	REVISED -	SHEET NO. 1 OF 2 SHEETS			STA. 100+00 TO STA. 126+00	CONTRACT NO. 63378					
PLT DATE = 10/15/2009	DATE - 10-16-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)									

PLAN	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NOTED	
	DATE	
	REVISIONS	
	NO.	

PROFILE	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NOTED	
	DATE	
	REVISIONS	
	NO.	



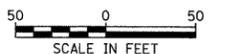
PLANT LIST

SYMBOL	BOTANIC NAME (COMMON NAME)	SIZE	QUANTITY
TREES			
UC	ULMUS CARPINIFOLIA 'HOMESTEAD' (HOMESTEAD ELM)	2 1/2" DIA.	10
QR	QUERCUS RUBRA (RED OAK)	2 1/2" DIA.	6
CO	CELTIS OCCIDENTALIS PRAIRIE PRIDE (PRAIRIE PRIDE HACKBERRY)	2 1/2" DIA.	5
GB	GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO)	2 1/2" DIA.	5
GT	GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST)	2 1/2" DIA.	2
TT	TILIA TOMENTOSA (SILVER LINDEN)	2 1/2" DIA.	5
AX	ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE)	2 1/2" DIA.	2
SHRUBS			
RA	RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC)	2' CONTAINER	38

LEGEND

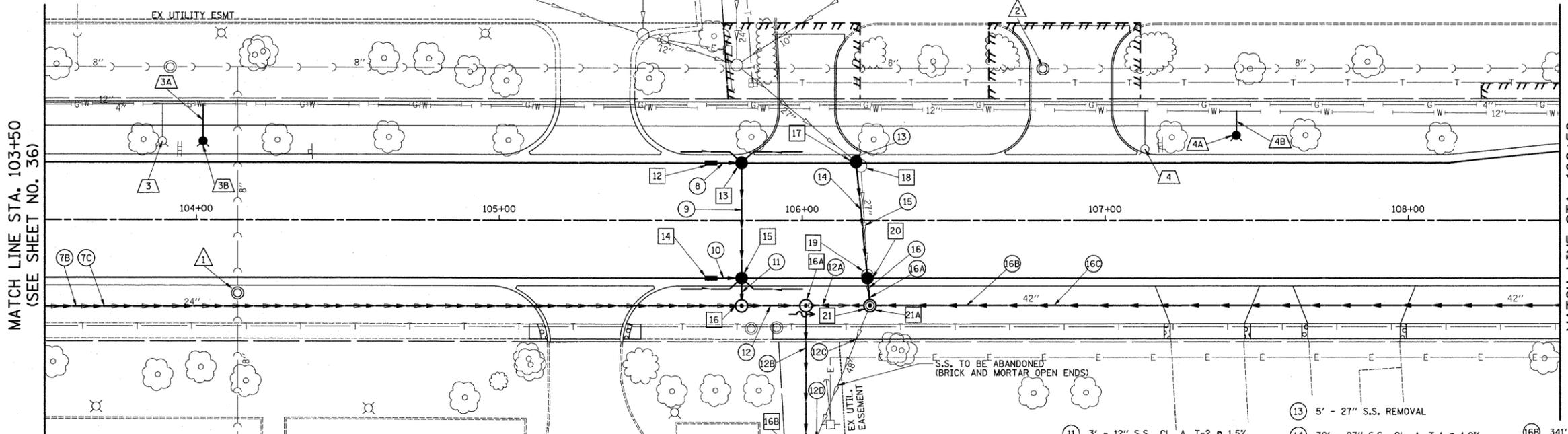
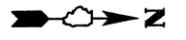
- TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- PROPOSED TREE (CENTERED BETWEEN CURB AND SIDEWALK)
- PROPOSED SHRUB
- EXISTING TREE TO REMAIN
- SEDIMENT CONTROL, SILT FENCE
- PROPOSED LIGHTING UNIT
- UC HOMESTEAD ELM
- QR RED OAK
- CO PRAIRIE PRIDE HACKBERRY
- GB PRINCETON SENTRY GINKGO
- GT SHADEMASTER THORNLESS COMMON HONEYLOCUST
- TT SILVER LINDEN
- AX MARMO FREEMAN MAPLE
- RA GRO-LOW FRAGRANT SUMAC

NOTE:
ALL EXISTING TREES SHOWN TO REMAIN WITHIN THE EXISTING OR PROPOSED RIGHT-OF-WAY. SHALL HAVE TEMPORARY FENCE PLACED AROUND THEM IN ACCORDANCE WITH THE DETAIL SHOWN ON SHEET NO. 110.



FILE NAME = ...cad\sheets\2215_lsc_ero_02.dgn	USER NAME = k-r-k	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD LANDSCAPING AND EROSION CONTROL PLAN	F.A.U. R.T.E. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 35		
PLOT SCALE = 50,0000 1/4" IN.	CHECKED - DJK	REVISED -	SHEET NO. 2 OF 2 SHEETS			STA. 126+00 TO STA. 146+00	CONTRACT NO. 63378					
PLOT DATE = 10/29/2009	DATE - 10-16-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)									

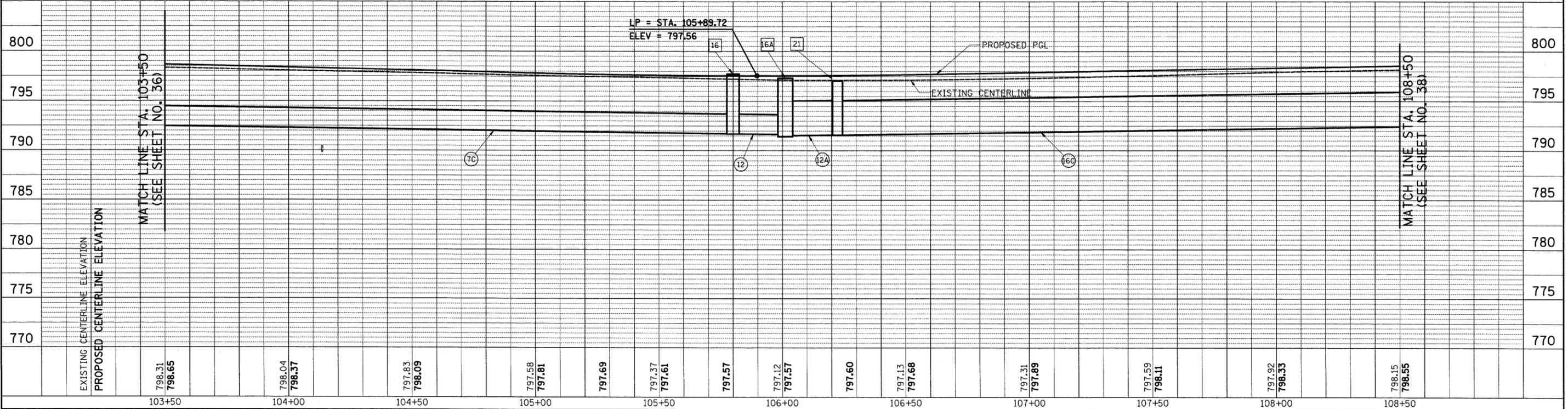
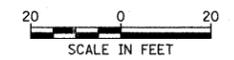
- 12 STA. 105+70.0, 19.0' LT INLET T-A TYPE 24 F & G RIM = 797.20 INV = 793.20 (12" N)
- 13 STA. 105+80.0, 19.0' LT CB T-A, 4' DIA TYPE 24 F & G RIM = 797.19 INV = 793.13 (12" S) INV = 792.88 (12" E) INV = 793.69 (4" NW & SW)
- 14 STA. 105+70.0, 19.0' RT INLET T-A TYPE 24 F & G RIM = 797.20 INV = 793.20 (12" N)
- 15 STA. 105+80.0, 19.0' RT CB T-A, 4' DIA TYPE 24 F & G RIM = 797.19 INV = 792.50 (12" W) INV = 793.13 (12" S) INV = 792.04 (12" E) INV = 793.69 (4" NE & SE)
- 16 STA. 105+80.0, 28.1' RT MH T-A, 5' DIA TYPE 1 FR., C.L. RIM = 797.80 INV = 791.70 (24" N) INV = 791.77 (24" S) INV = 792.00 (12" W)
- 16A STA. 106+01.20, 28.1' RT MH T-A, 6' DIA SPECIAL FRAME AND LID RIM = 797.18 INV = 791.65 (24" S) INV = 791.53 (42" N) INV = 791.43 (48" E)
- 16B STA. 106+01.20, 79.9' RT PRC FES 48" W/GRATING INV = 791.06
- 17 STA. 106+17.8, 19.3' LT CB T-A, 5' DIA TYPE 24 F & G RIM = 797.20 INV = 792.88 (EX 27" SW) INV = 792.41 (27" E)
- 18 STA. 106+19.4, 18.0' LT CB TO BE REMOVED
- 19 STA. 106+21.5, 18.2' RT CB TO BE REMOVED
- 20 STA. 106+21.5, 19.0' RT CB T-A, 5' DIA TYPE 24 F & G RIM = 797.22 INV = 792.02 (27" W) INV = 792.02 (27" E)
- 21 STA. 106+22.4, 28' RT MH T-A, 6' DIA TYPE 8 GRATE PR RIM = 797.05 INV = 792.01 (27" W) INV = 791.58 (42" N) INV = 791.58 (42" S) INV = 791.58 (EX 48" E)
- 21A STA. 106+22.4, 28' RT MH TO BE REMOVED



- 1 STA. 104+13.6, 24.2' RT SAN. MH TO BE ADJ EX RIM = 798.28 PR RIM = 798.48
- 2 STA. 106+79.4, 49.8' LT SAN. MH TO BE ADJ EX RIM = 799.08 PR RIM = 798.59
- 3 STA. 103+88.8, 25.9' LT FIRE HYDRANT TO BE REMOVED
- 3A 11' - DUCTILE IRON WATERMAIN, 6" T.B.F. = 6.9 CU. YD.
- 3B STA. 104+02.2, 26.0' LT FH W/ AUX VALVE & VALVE BOX PRESSURE CONNECTION
- 4 STA. 107+13.1, 23.4' LT FIRE HYDRANT TO BE REMOVED
- 4A STA. 107+43.3, 28.0' LT FH W/ AUX VALVE & VALVE BOX PRESSURE CONNECTION
- 4B 8' - DUCTILE IRON WATERMAIN, 6" T.B.F. = 5.1 CU. YD.
- 7B SEE SHEET NO. 36
- 7C SEE SHEET NO. 36
- 8 7' - 12" S.S., CL. A, T-2 @ 1.0% T.B.F. = 1.1 CU. YD.
- 9 38' - 12" S.S., CL. A, T-2 @ 1.0% T.B.F. = 7.8 CU. YD.
- 10 7' - 12" S.S., CL. A, T-2 @ 1.0% T.B.F. = 1.1 CU. YD.
- 11 3' - 12" S.S., CL. A, T-2 @ 1.5% T.B.F. = 0.0 CU. YD.
- 12 16' - 24" S.S., CL. A, T-2 @ 0.32% T.B.F. = 0 CU. YD.
- 12A 15' - 42" S.S., CL. A, T-1 @ 0.31% T.B.F. = 8.8 CU. YD.
- 12B 41' - 48" S.S., CL. A, T-1 @ 0.75% T.B.F. = 2.9 CU. YD.
- 12C 10' - 48" S.S. REMOVAL
- 12D 10' - 48" S.S. REMOVAL
- 13 5' - 27" S.S. REMOVAL
- 14 39' - 27" S.S., CL. A, T-1 @ 1.0% T.B.F. = 8.5 CU. YD.
- 15 37' - 27" S.S. REMOVAL
- 16 5' - 27" S.S. REMOVAL
- 16A 1' - 27" S.S., CL. A, T-1 @ 1.0% T.B.F. = 0 CU. YD.
- 16B 341' - 42" S.S. REMOVAL
- 16C 20' - 42" S.S., WM REQ, T-1 @ 0.38% 321' - 42" S.S., CL. A, T-1 @ 0.38% T.B.F. = 180.4 CU. YD.

NOTE:
THE DITCH REGRADING SHOWN ON SHEET NO. 18 AND VIDEO TAPING OF THE EXISTING SEWER (BY THE VILLAGE) SHALL BE PERFORMED PRIOR TO THE CONTRACTOR ORDERING ANY MATERIALS FOR THE REPLACEMENT OF THE MAINLINE STORM SEWER FROM IRVING PARK ROAD TO ALBION AVENUE.

LEGEND
PIPE UNDERDRAIN, 4" (25' AT EACH LOCATION)

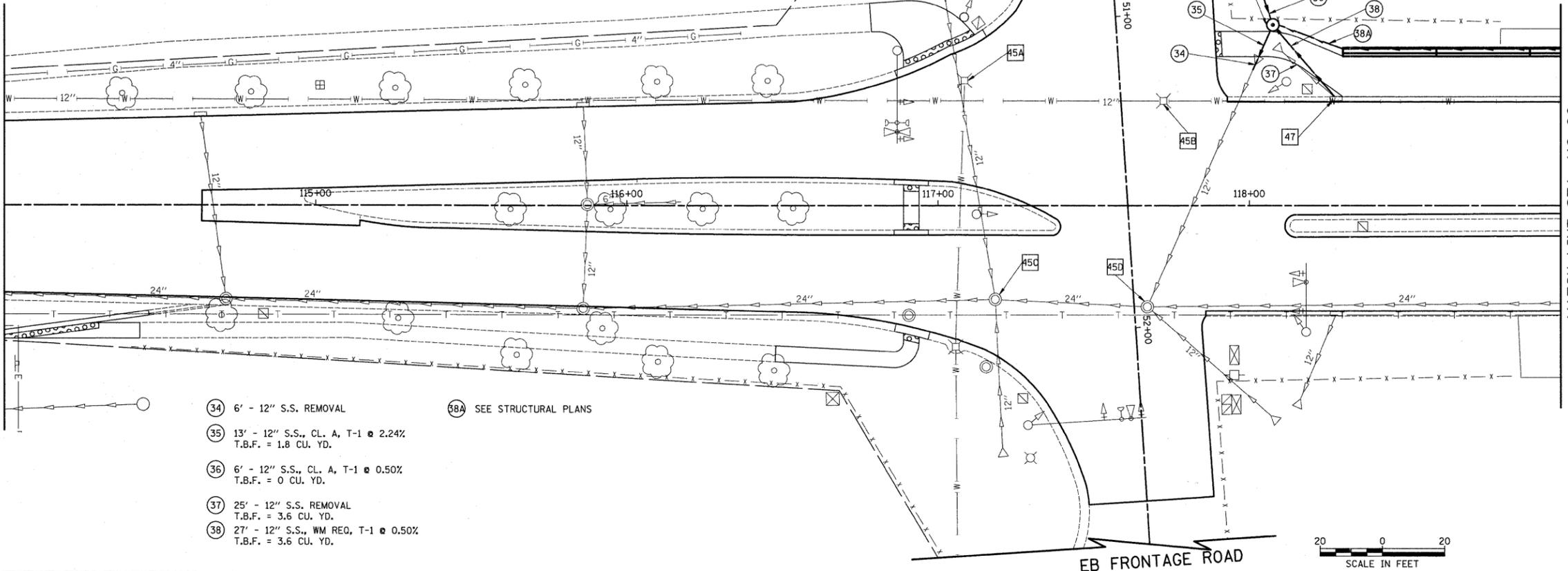


FILE NAME = ...\\cad\sheets\2215.D&U 02.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD DRAINAGE & UTILITIES	F.A.U. RTE. 1351	SECTION 06-0090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 37
PLOT SCALE = 20,0000' / IN.	CHECKED - DJK	REVISOR -	DATE - 10-16-09			CONTRACT NO. 63378				
PLOT DATE = 10/29/2009	DATE - 10-16-09	REVISOR -	SHEET NO. 2 OF 10 SHEETS			STA. 103+50 TO STA. 108+50				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)										

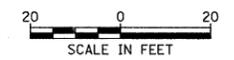
- 45 STA. 118+07.6, 58.0' LT
MH T-A, 5' DIA
SPECIAL FRAME AND LID
RIM = 801.50
INV = 799.18 (12" W & SE)
INV = 799.36 (12" NE)
INV = 799.18 (4" N)
- 45A STA. 117+08.5, 40.2' LT
FRAMES & LIDS TO BE
ADJUSTED, SPECIAL
EX RIM = 802.11
PR RIM = 802.11
- 45C STA. 117+18.4, 30.0' RT
FRAMES & LIDS TO BE
ADJUSTED, SPECIAL
EX RIM = 802.29
PR RIM = 802.29
- 46 STA. 118+02.9, 71.7' LT
PRECAST REINFORCED CONCRETE
FLARED END SECTION, 12"
RIM = 802.43
INV = 799.21
- 45B STA. 117+72.4, 33.6' LT
FRAMES & LIDS TO BE
ADJUSTED, SPECIAL
EX RIM = 802.20
PR RIM = 802.20
- 45D STA. 117+67.2, 32.3' RT
FRAMES & LIDS TO BE
ADJUSTED, SPECIAL
EX RIM = 802.12
PR RIM = 802.12
- 47 STA. 118+27.9, 34.4' LT
EXISTING INLET
RIM = 802.43
INV = 799.50 (12" SW)

MATCH LINE STA. 114+00
(SEE SHEET NO. 38)

MATCH LINE STA. 119+00
(SEE SHEET NO. 40)

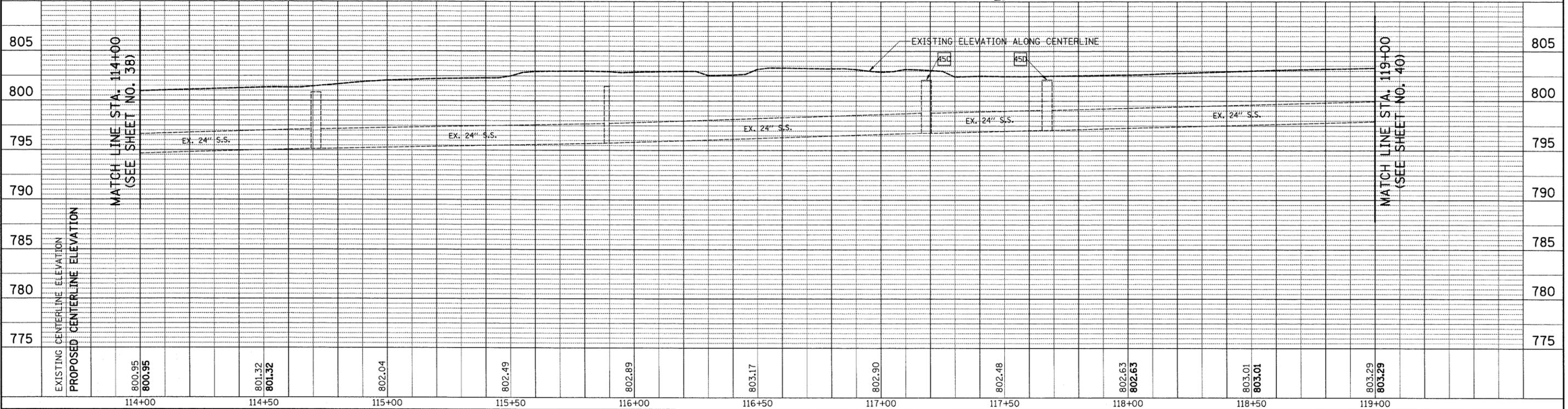


- 34 6' - 12" S.S. REMOVAL
- 35 13' - 12" S.S., CL. A, T-1 @ 2.24%
T.B.F. = 1.8 CU. YD.
- 36 6' - 12" S.S., CL. A, T-1 @ 0.50%
T.B.F. = 0 CU. YD.
- 37 25' - 12" S.S. REMOVAL
T.B.F. = 3.6 CU. YD.
- 38 27' - 12" S.S., WM REQ, T-1 @ 0.50%
T.B.F. = 3.6 CU. YD.
- 38A SEE STRUCTURAL PLANS



DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PLANNING	
DESIGN	
CHECKING	
IN CHARGE	

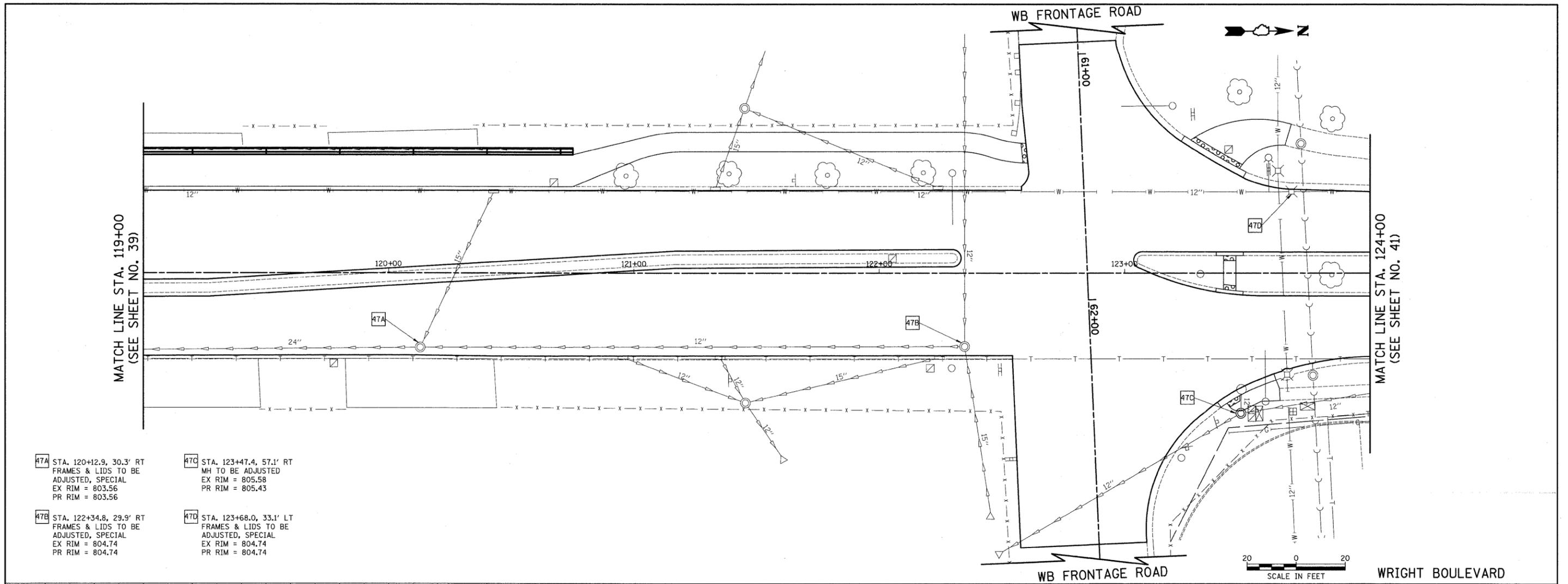
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PROFILES	
GRADES	
STRUCTURE	
NOTATIONS	
CHKD	



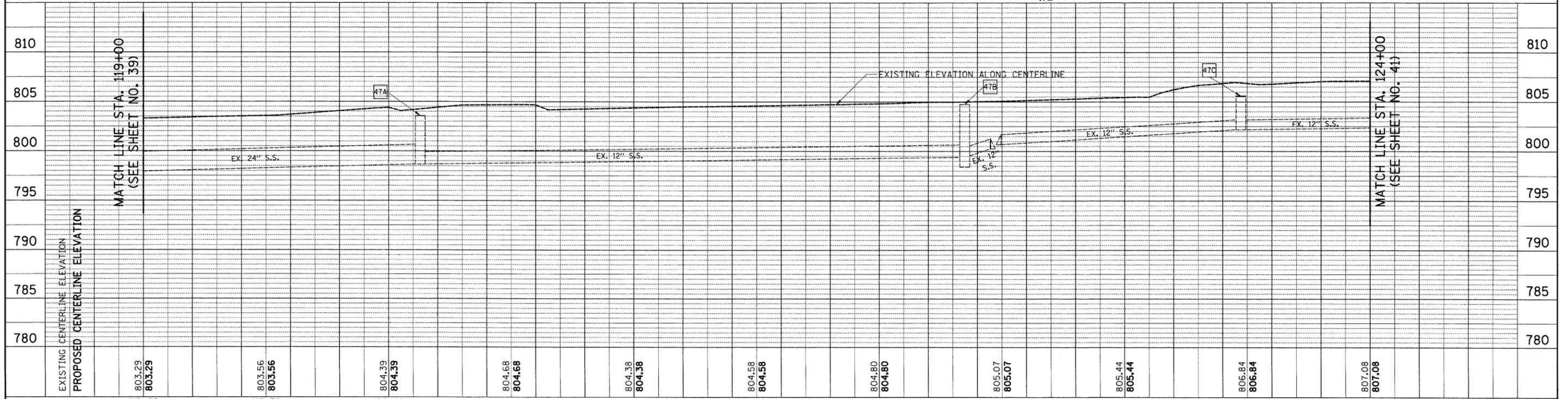
FILE NAME = ...oad\sheets\2215_D&U_04.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD DRAINAGE & UTILITIES	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 39		
PLOT SCALE = 20,0000' / IN.	CHECKED - DJK	REVISED -	SHEET NO. 4 OF 10 SHEETS			STA. 114+00 TO STA. 119+00	CONTRACT NO. 63378					
PLOT DATE = 10/29/2009	DATE - 10-16-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)									

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	AT	
	FILE NAME	



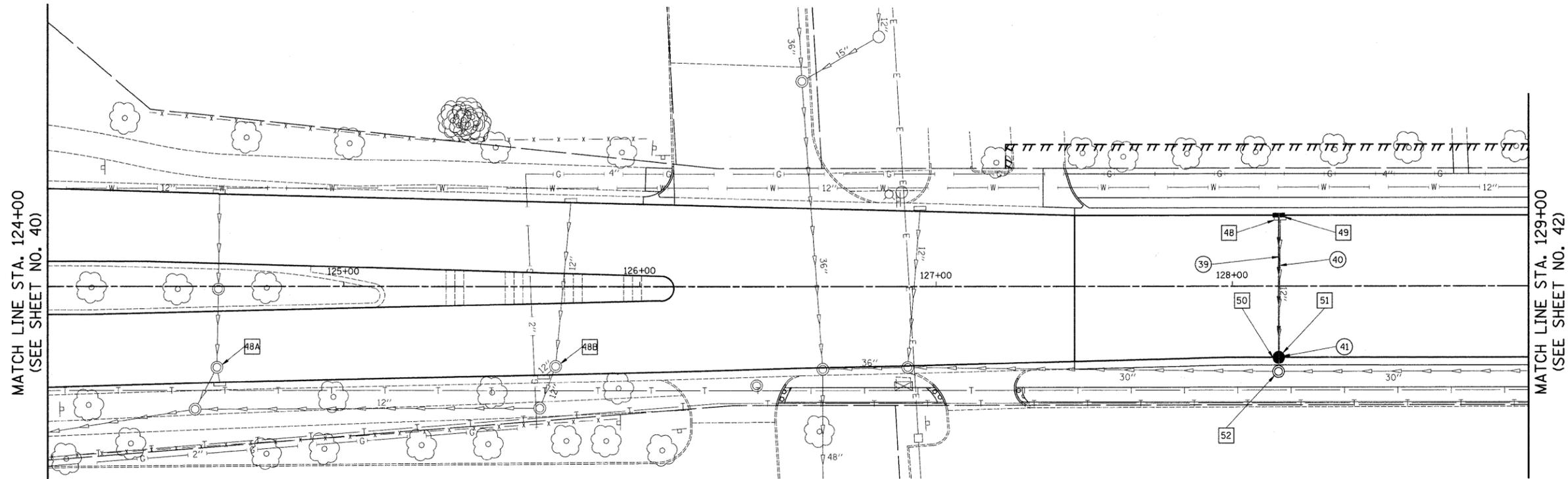
- 47A STA. 120+12.9, 30.3' RT
FRAMES & LIDS TO BE
ADJUSTED, SPECIAL
EX RIM = 803.56
PR RIM = 803.56
- 47B STA. 122+34.8, 29.9' RT
FRAMES & LIDS TO BE
ADJUSTED, SPECIAL
EX RIM = 804.74
PR RIM = 804.74
- 47C STA. 123+47.4, 57.1' RT
MH TO BE ADJUSTED
EX RIM = 805.58
PR RIM = 805.43
- 47D STA. 123+68.0, 33.1' LT
FRAMES & LIDS TO BE
ADJUSTED, SPECIAL
EX RIM = 804.74
PR RIM = 804.74



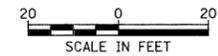
FILE NAME = J:\2215\cad\shaets\2215.D&U 05.dgn	USER NAME = jst	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD DRAINAGE & UTILITIES	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO. 1351 06-00090-00-PV COOK 137 40
PLOT SCALE = 20.0000' / IN.	CHECKED - DJK	REVISED -	SHEET NO. 5 OF 10 SHEETS STA. 119+00 TO STA. 124+00			CONTRACT NO. 63378
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)			

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CAD FILE NAME		

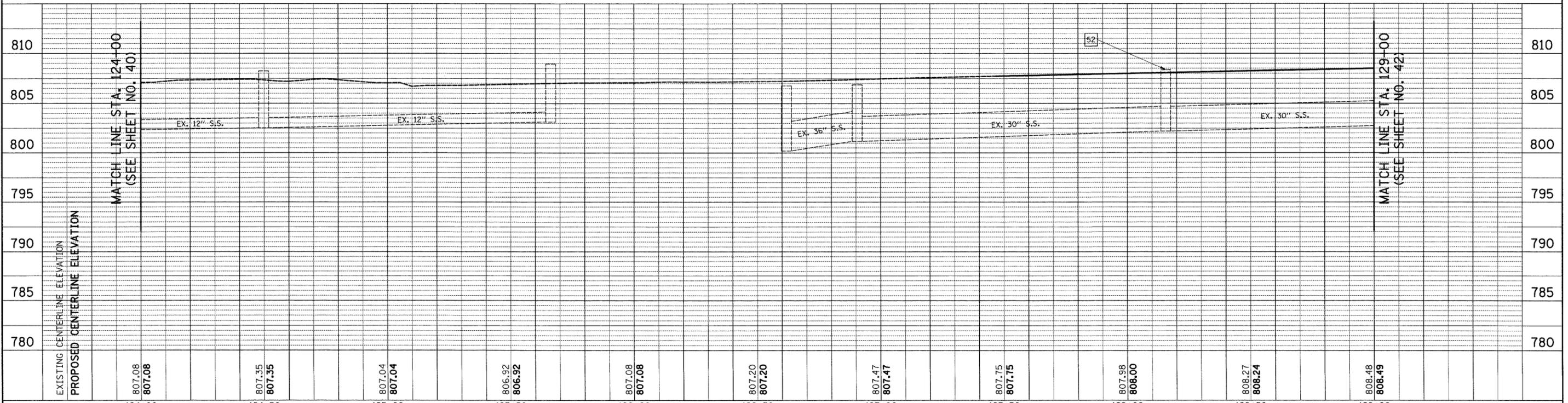
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CAD FILE NAME		



- 48A STA. 124+57.2, 27.3' RT FRAMES & LIDS TO BE ADJUSTED, SPECIAL EX RIM = 805.93 PR RIM = 805.93
- 48B STA. 125+71.5, 26.8' RT FRAMES & LIDS TO BE ADJUSTED, SPECIAL EX RIM = 806.50 PR RIM = 806.50
- 48 STA. 128+16.2, 23' LT INLET TO BE REMOVED
- 49 STA. 128+15.7, 24.0' LT INLET T-A TYPE 24 F & G RIM = 807.59 INV = 804.14 (12" E)
- 50 STA. 128+15.7, 24.1' RT CB TO BE REMOVED
- 51 STA. 128+15.7, 24' RT CB T-A, 4' DIA TYPE 24 F & G RIM = 807.59 INV = 803.90 (12" W) INV = 803.84 (EX 12" E)
- 52 STA. 128+15.6, 28.8' RT MH TO BE ADJUSTED EX RIM = 808.36 PR RIM = 808.02 INV = 803.81 (EX 12" W) INV = 802.17 (EX 30" N & S)
- 39 48' - 12" S.S., CL. A, T-1 @ 0.5% T.B.F. = 6.4 CU. YD.
- 40 47' - 12" S.S. REMOVAL
- 41 4' - 12" S.S. REMOVAL



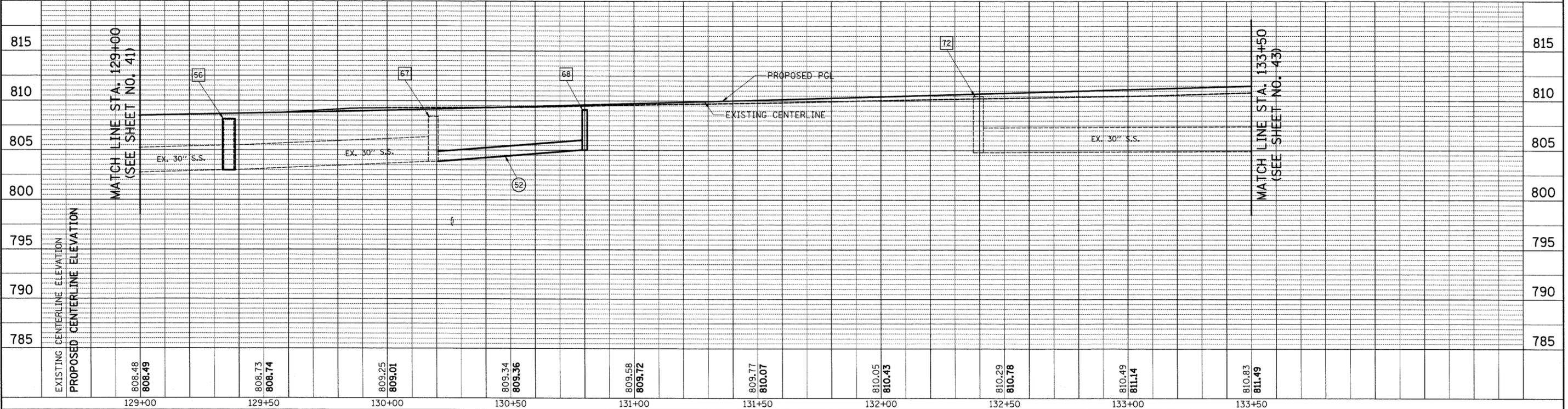
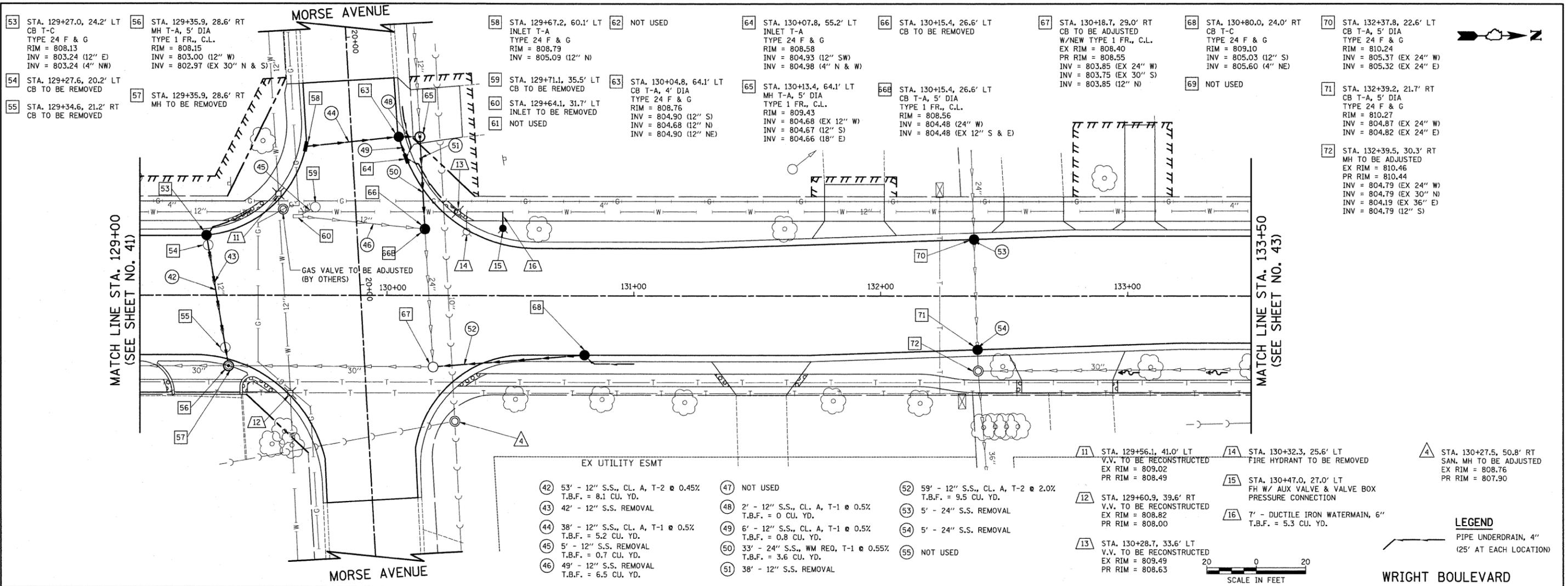
WRIGHT BOULEVARD



FILE NAME = J:\2215\cad\sheet\2215.D&U 06.dgn	USER NAME = jst	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS	WRIGHT BOULEVARD	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 41
PLOT SCALE = 28,0000' / IN.				DEPARTMENT OF TRANSPORTATION	DRAINAGE & UTILITIES	SHEET NO. 6 OF 10 SHEETS		CONTRACT NO. 63378		
PLOT DATE = 10/15/2009				DATE = 10-16-09		STA. 124+00 TO STA. 129+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)		

PLAN	REVIEWED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	FILE NAME	

PROFILE	REVIEWED	DATE
NOTE BOOK	GRADES	
NO.	CHECKED	
	STRUCTURE	
	NOTATIONS	



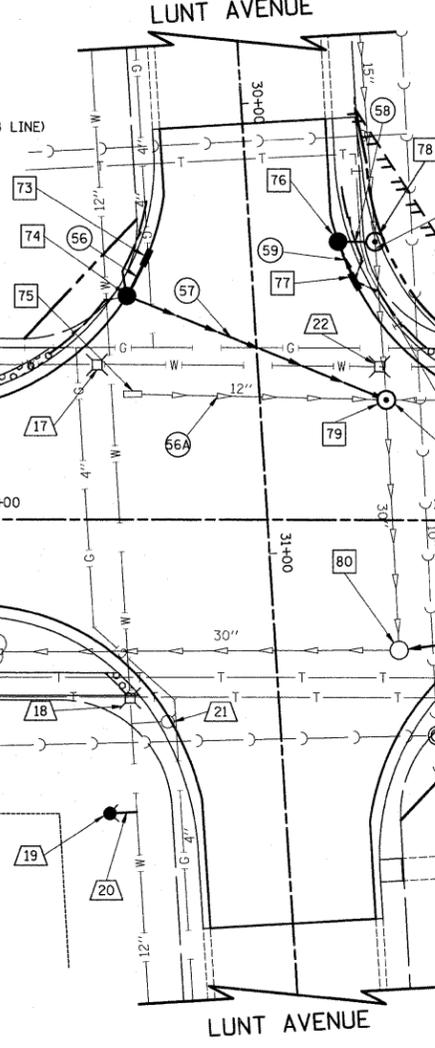
FILE NAME = ...cad\sheets\2215.D&U 07.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD DRAINAGE & UTILITIES	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 42		
PLOT SCALE = 28.0000' / IN.	CHECKED - DJK	REVISOR -	DATE - 10-16-09			CONTRACT NO. 63378		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				
PLOT DATE = 10/29/2009	DATE - 10-16-09	REVISOR -				SHEET NO. 7 OF 10 SHEETS		STA. 129+00 TO STA. 133+50				
						STA. 129+00 TO STA. 133+50						

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	

- 73 STA. 134+33.4, 57.8' LT
INLET T-A
TYPE 24 F & G
RIM = 811.18
INV = 808.20 (12" SE)
- 74 STA. 134+29.0, 49.4' LT
CB T-A, 4' DIA
TYPE 24 F & G
RIM = 811.00
INV = 808.17 (12" NE & NW)
INV = 808.17 (4" S & W)
- 75 STA. 134+30.3, 27.8' LT
INLET TO BE REMOVED
- 76 STA. 134+76.0, 61.5' LT
CB T-A, 4' DIA
TYPE 24 F & G
RIM = 811.23
INV = 806.43 (12" N)
INV = 806.97 (12" E)
- 77 STA. 134+79.7, 52.6' LT
INLET T-A
TYPE 24 F & G
RIM = 811.00
INV = 807.00 (12" SW)
INV = 807.50 (4" N & W)
- 78 STA. 134+84.1, 61.5' LT
MH T-A, 5' DIA
TYPE 1 FR., C.L.
RIM = 811.67
INV = 806.43 (EX 15" W)
INV = 806.41 (EX 15" E)
INV = 806.42 (12" S)
- 79 STA. 134+86.6, 26.7' LT
CB TO BE REMOVED
- 79A STA. 134+86.6, 26.7' LT
MH T-A, 5' DIA.,
TYPE 1 FR., C.L.
RIM = 811.95
INV = 807.58 (12" SW)
INV = 805.68 (EX 30" N & E)
INV = 806.30 (EX 15" W)
- 80 STA. 134+89.5, 28.9' RT
CB TO BE ADJUSTED
W/ NEW T-1 FR., C.L.
EX RIM = 810.69
PR RIM = 811.75
INV = 805.05 (EX 30" S & W)
INV = 806.89 (12" N)
- 81 STA. 135+10.0, 26.3' RT
CB T-A, 4' DIA
TYPE 24 F & G
RIM = 811.84
INV = 807.07 (12" S)
INV = 807.49 (4" N)

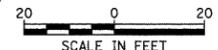
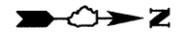
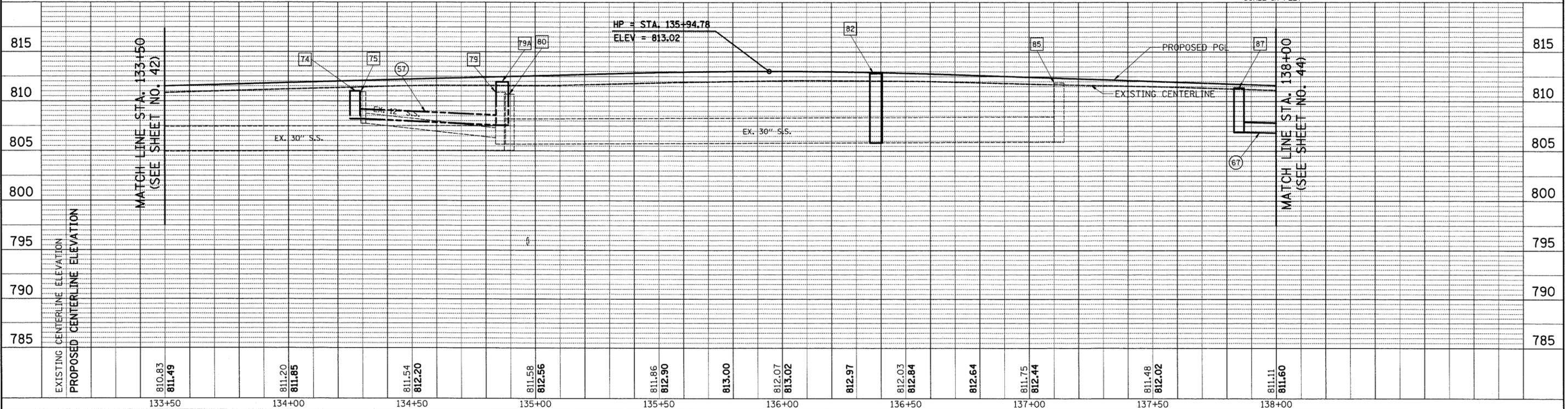
- 82 STA. 136+38.0, 26.3' LT
MH T-A, 5' DIA
TYPE 1 FR., C.L.
RIM = 812.82
INV = 805.84 (EX 30" N)
INV = 805.84 (EX 30" S)
INV = 806.00 (12" NE)
(ROTATE FRAME OUT OF CURB LINE)
- 83 STA. 136+47.5, 32.0' RT
CB T-A, 4' DIA
TYPE 11 F & G
RIM = 812.03
INV = 807.10 (12" SW)
INV = 807.46 (12" N)



- 84 STA. 136+69.7, 32.0' RT
INLET T-A
TYPE 1 FR., O.L.
RIM = 811.86
INV = 807.90 (12" S)
- 85 STA. 137+12.1, 26.4' LT
MH TO BE ADJUSTED
EX RIM = 811.87
PR RIM = 812.23
(ROTATE FRAME OUT OF CURB LINE)
- 86 STA. 137+85.0, 24.0' LT
INLET T-A
TYPE 24 F & G
RIM = 811.25
INV = 807.25 (12" E)
- 87 STA. 137+85.0, 19.0' RT
CB T-A, 4' DIA
TYPE 24 F & G
RIM = 811.35
INV = 806.93 (12" W)
INV = 806.90 (12" N)

- 56 6' - 12" S.S., WM REQ, T-1 @ 0.5%
T.B.F. = 0.8 CU. YD.
- 56A 54' - 12" S.S. REMOVAL
T.B.F. = 7.7 CU. YD.
- 57 59' - 12" S.S., WM REQ, T-2 @ 1.0%
T.B.F. = 7.8 CU. YD.
- 58 2' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 0.8 CU. YD.
- 59 6' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 1.0 CU. YD.
- 60 5' - 15" S.S. REMOVAL
- 61 NOT USED
- 62 18' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 4.3 CU. YD.
- 63 55' - 12" S.S., CL. A, T-2 @ 2.0%
T.B.F. = 18.8 CU. YD.
- 64 5' - 30" S.S. REMOVAL
- 65 22' - 12" S.S., CL. A, T-2 @ 2.0%
T.B.F. = 6.6 CU. YD.
- 66 43' - 12" S.S., CL. A, T-2 @ 0.75%
T.B.F. = 7.5 CU. YD.
- 67 77' - 12" S.S., CL. A, T-2 @ 0.75%
T.B.F. = 14.0 CU. YD.

- 5 STA. 134+97.9, 47.7' RT
SAN. MH TO BE ADJUSTED
EX RIM = 811.40
PR RIM = 811.47
- 6 STA. 135+75.4, 44.1' RT
SAN. MH TO BE ADJUSTED
EX RIM = 812.53
PR RIM = 812.53
- 7 STA. 136+27.3, 44.5' RT
SAN. MH TO BE ADJUSTED
EX RIM = 812.59
PR RIM = 813.05
- 17 STA. 134+22.4, 34.3' LT
V.V. TO BE ADJUSTED
EX RIM = 811.39
PR RIM = 811.28
- 18 STA. 134+29.7, 39.6' RT
V.V. TO BE ADJUSTED
EX RIM = 811.42
PR RIM = 811.40
- 19 STA. 134+25.2, 65.0' RT
FH W/ AUX VALVE & VALVE BOX
PRESSURE CONNECTION
- 20 6' - DUCTILE IRON WATERMAIN, 6"
T.B.F. = 0.0 CU. YD.
- 21 STA. 134+38.0, 44.8' RT
FIRE HYDRANT TO BE REMOVED
- 22 STA. 134+85.1, 33.9' LT
V.V. TO BE ADJUSTED
EX RIM = 811.48
PR RIM = 811.68
- 23 STA. 137+18.6, 26.1' LT
FIRE HYDRANT TO BE REMOVED
- 24 10' - DUCTILE IRON WATERMAIN, 6"
T.B.F. = 4.4 CU. YD.
- 25 STA. 137+07.6, 44.2' LT
FH W/ AUX VALVE & VALVE BOX
PRESSURE CONNECTION



LEGEND
PIPE UNDERDRAIN, 4"
(25' AT EACH LOCATION)

WRIGHT BOULEVARD

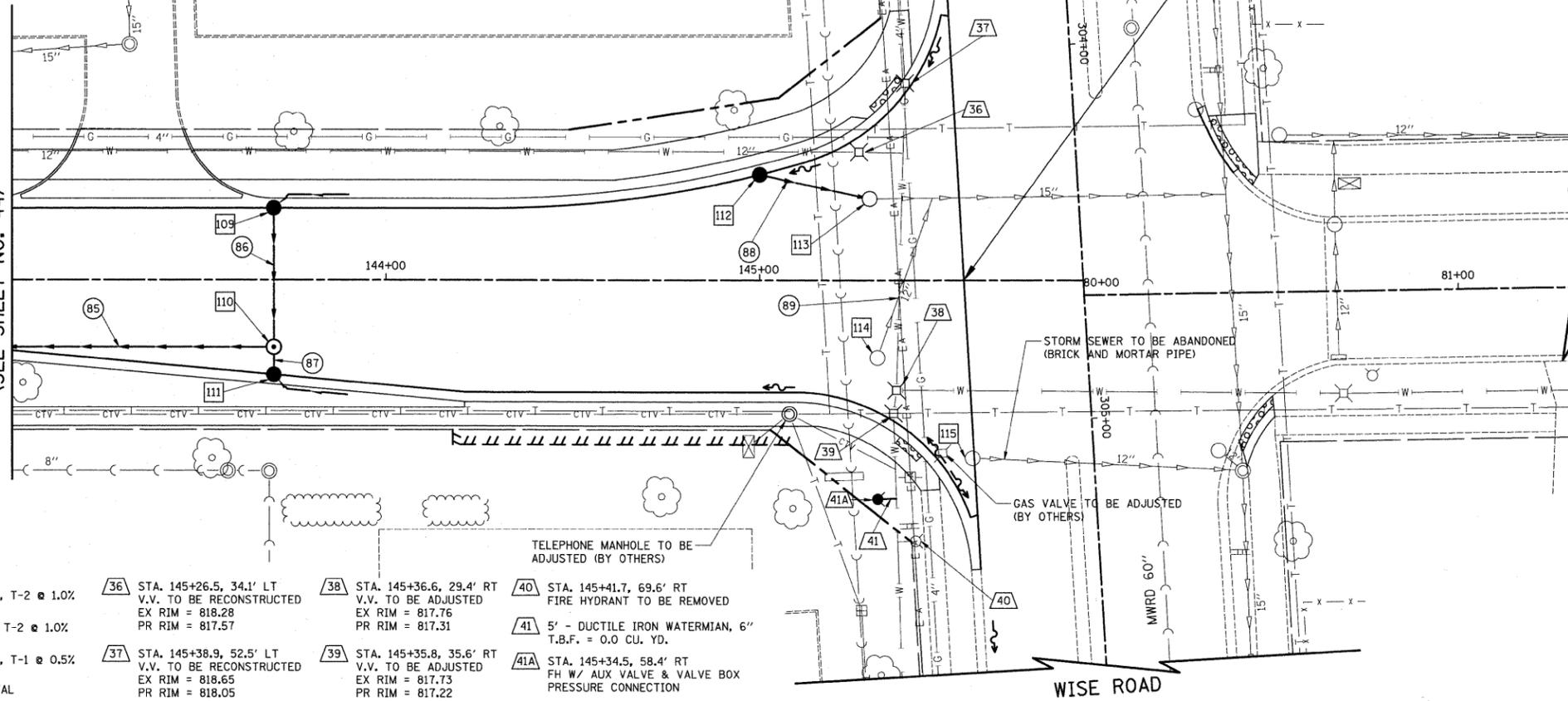
FILE NAME = ...oad\sheets\2215.D&U 08.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD DRAINAGE & UTILITIES	F.A.U. R.T.E. = 1351	SECTION = 06-00090-00-PV	COUNTY = COOK	TOTAL SHEETS = 137	SHEET NO. = 43
PLOT SCALE = 28.0000" / IN.	DATE = 10/29/2009	DRAWN - JAT	REVISED -			CONTRACT NO. 63378				
		CHECKED - DJK	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				
		DATE = 10-16-09	REVISED -			SHEET NO. 8 OF 10 SHEETS STA. 133+50 TO STA. 138+00				

PLAN	REVIEWED	DATE
NOTE BOOK	ALIGNED	
	CHECKED	
	NO. _____	
	FILE NAME	

PROFILE	REVIEWED	DATE
NOTE BOOK	GRADES	
	CHECKED	
	NO. _____	
	STRUCTURE	
	NOTATIONS	
	CHKD	

- 109 STA. 143+70.0, 19.0' LT
CB T-C
TYPE 24 F & G
RIM = 814.20
INV = 810.20 (12" E)
INV = 810.70 (4" NW)
- 110 STA. 143+70.0, 18.0' RT
MH T-A, 4' DIA
TYPE 1 FR., C.L.
RIM = 814.22
INV = 809.85 (12" W)
INV = 809.21 (12" S)
INV = 810.02 (12" E)
- 111 STA. 143+70.0, 25.3' RT
CB T-C
TYPE 24 F & G
RIM = 814.07
INV = 810.07 (12" W)
INV = 810.57 (4" NE)
- 112 STA. 145+00.0, 28.0' LT
CB T-C
TYPE 24 F & G
RIM = 816.88
INV = 814.36 (12" N)
- 113 STA. 145+29.4, 21.6' LT
CB TO BE ADJUSTED
W/ NEW T-1 FR., C.L.
EX RIM = 817.74
PR RIM = 817.65
INV = 814.21 (EX 12" S)
INV = 814.14 (12" S)
- 114 STA. 145+31.5, 20.7' RT
CB TO BE REMOVED
- 115 STA. 145+56.9, 47.6' RT
CB TO BE FILLED WITH CLSM

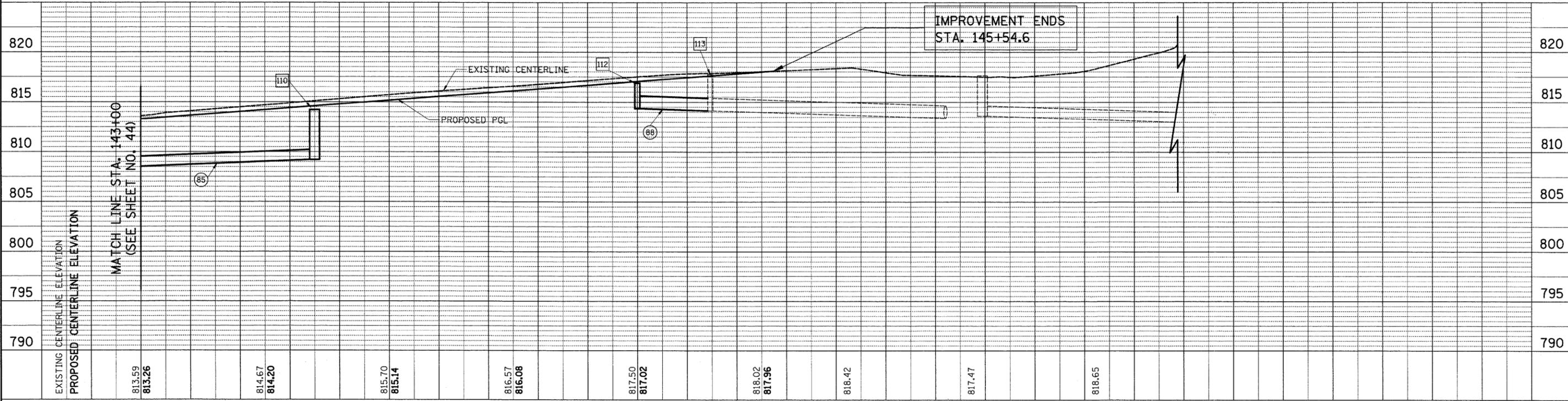
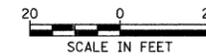
MATCH LINE STA. 143+00
(SEE SHEET NO. 44)



IMPROVEMENT ENDS
STA. 145+54.6

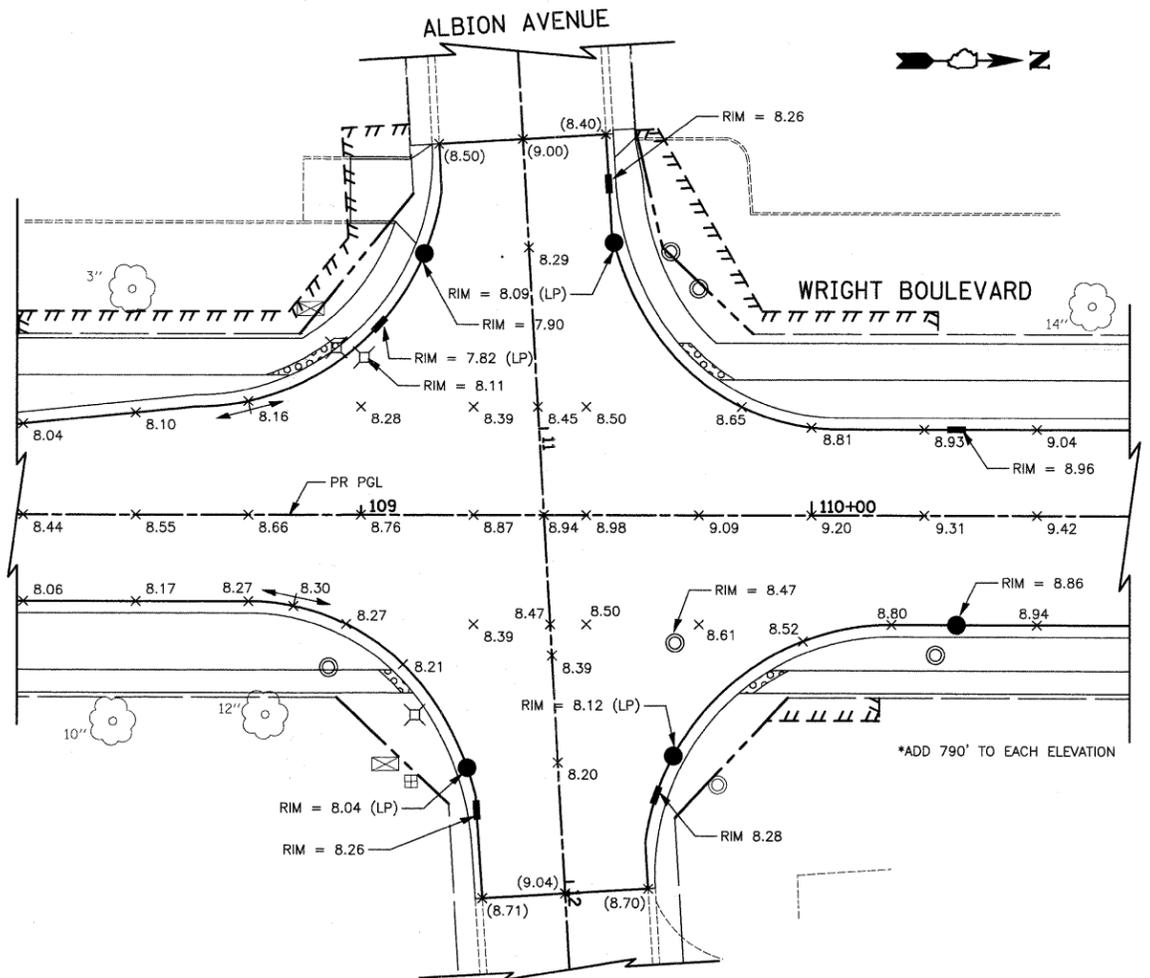
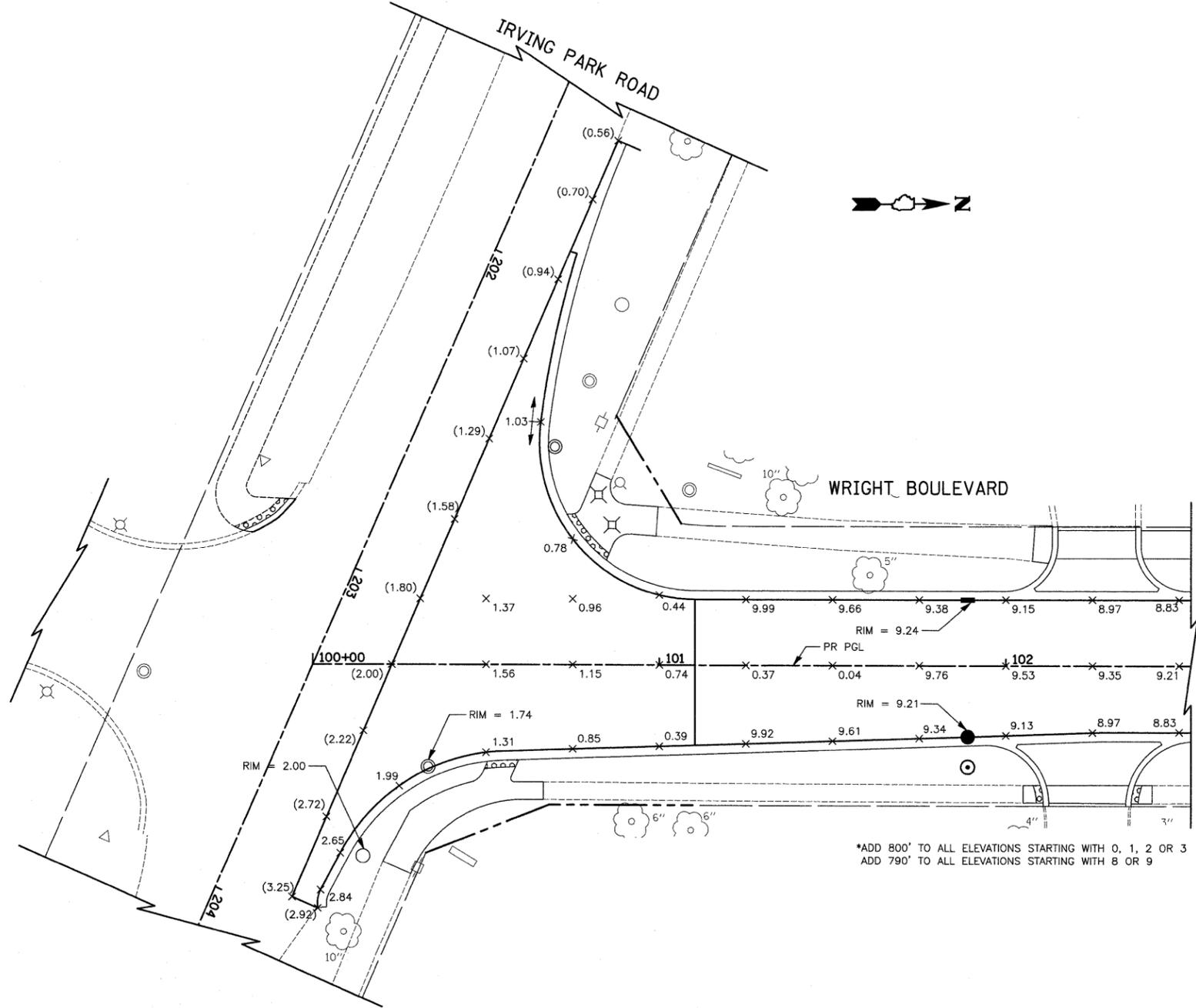
- 85 SEE SHEET 44
- 86 35' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 6.1 CU. YD.
- 87 5' - 12" S.S., CL. A, T-2 @ 1.0%
T.B.F. = 0.9 CU. YD.
- 88 28' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 3.7 CU. YD.
- 89 43' - 12" S.S. REMOVAL
T.B.F. = 7.5 CU. YD.
- 36 STA. 145+26.5, 34.1' LT
V.V. TO BE RECONSTRUCTED
EX RIM = 818.28
PR RIM = 817.57
- 37 STA. 145+38.9, 52.5' LT
V.V. TO BE RECONSTRUCTED
EX RIM = 818.65
PR RIM = 818.05
- 38 STA. 145+36.6, 29.4' RT
V.V. TO BE ADJUSTED
EX RIM = 817.76
PR RIM = 817.31
- 39 STA. 145+35.8, 35.6' RT
V.V. TO BE ADJUSTED
EX RIM = 817.73
PR RIM = 817.22
- 40 STA. 145+41.7, 69.6' RT
FIRE HYDRANT TO BE REMOVED
- 41 5' - DUCTILE IRON WATERMAIN, 6"
T.B.F. = 0.0 CU. YD.
- 41A STA. 145+34.5, 58.4' RT
FH W/ AUX VALVE & VALVE BOX
PRESSURE CONNECTION

LEGEND
PIPE UNDERDRAIN, 4"
(25' AT EACH LOCATION)



FILE NAME = ...\\cad\sheets\2215_0&U 10.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD DRAINAGE & UTILITIES	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 45
PLOT SCALE = 20,0000 "/> <td>DATE = 10-16-09</td> <td>CHECKED - DJK</td> <td>REVISED -</td> <td colspan="2" style="text-align: center;">CONTRACT NO. 63378</td>	DATE = 10-16-09	CHECKED - DJK	REVISED -			CONTRACT NO. 63378				
PLOT DATE = 10/29/2009	DATE = 10-16-09	REVISIONS	REVISIONS			SHEET NO. 10 OF 10 SHEETS				
						STA. 143+00 TO STA. 146+00				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)

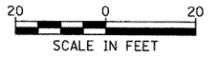


*ADD 800' TO ALL ELEVATIONS STARTING WITH 0, 1, 2 OR 3
 ADD 790' TO ALL ELEVATIONS STARTING WITH 8 OR 9

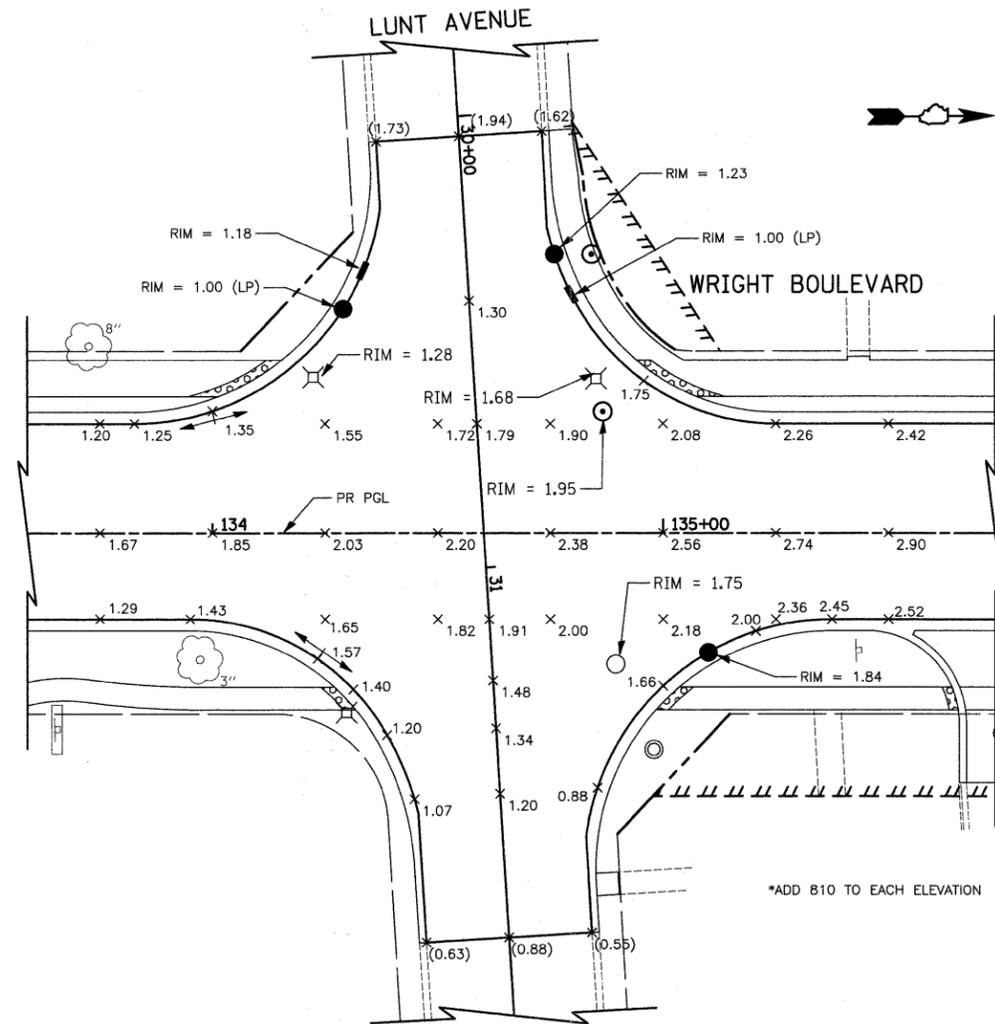
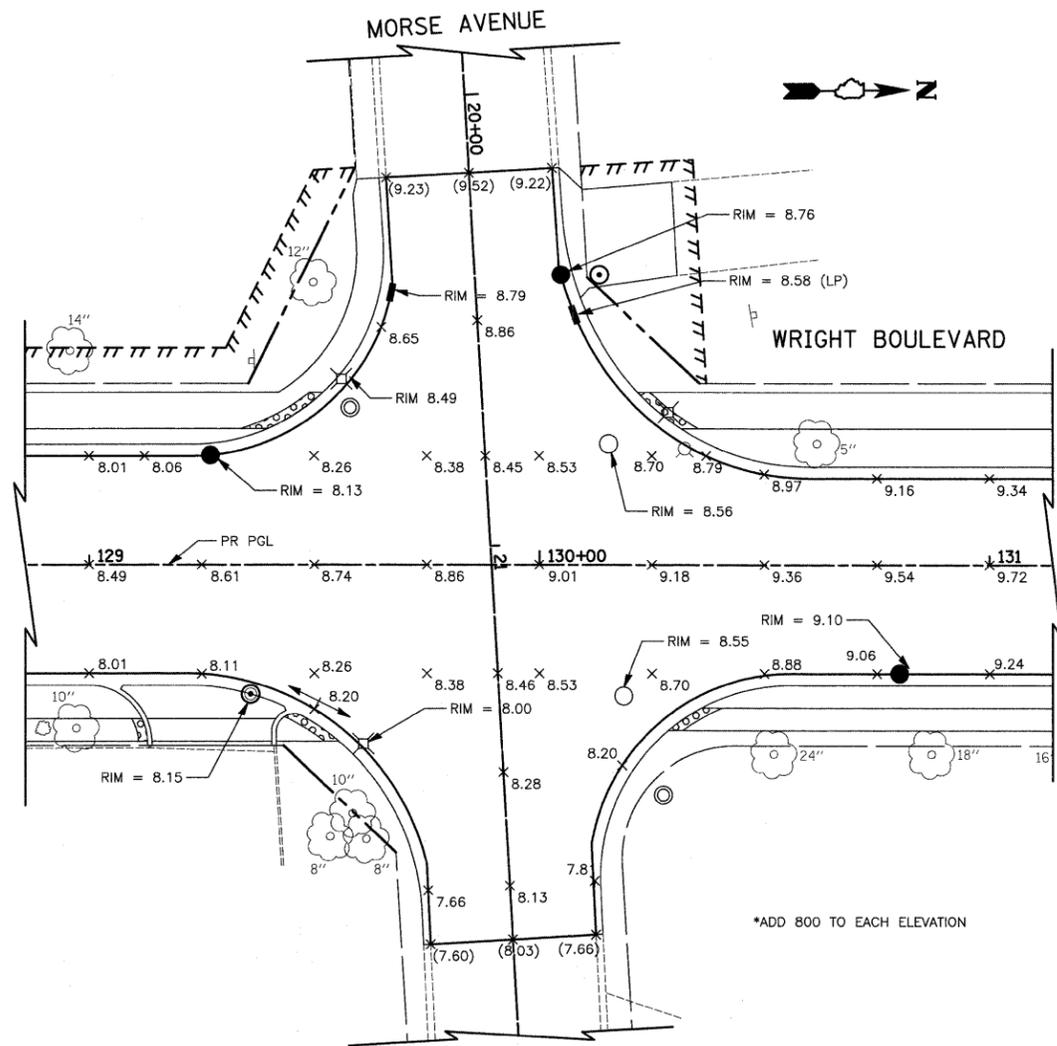
*ADD 790' TO EACH ELEVATION

LEGEND

- (XXX.XX) EXISTING ELEVATION
- XXX.XX PROPOSED ELEVATION

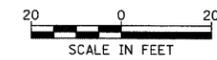


FILE NAME = J:\2215\oad\sheeta\2215.Int Grading_01.dgn	USER NAME = jat	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION GRADING PLAN IRVING PARK RD./WRIGHT BLVD. & ALBION AVE./WRIGHT BLVD.		F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 46	
PLOT SCALE = 28.8000' / 1".		CHECKED - DJK	REVISED -		SHEET NO. 1 OF 3 SHEETS		CONTRACT NO. 63378					
PLOT DATE = 10/15/2009		DATE - 10-16-09	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003(809)							



LEGEND

- (XXX.XX) EXISTING ELEVATION
- XXX.XX PROPOSED ELEVATION



FILE NAME =	USER NAME = jat	DESIGNED - JAT	REVISED -
J:\2215\road\sheet\2215.Int Grading_02.dgn		DRAWN - JAT	REVISED -
PLOT SCALE = 20,000 / IN.		CHECKED - DJK	REVISED -
PLOT DATE = 10/16/2009		DATE - 10-16-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADING PLAN
MORSE AVE./WRIGHT BLVD. & LUNT AVE./WRIGHT BLVD.**

SHEET NO. 2 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	47
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63378 ARA-M-8003(809)	

PART OF THE SW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	30.74 24.53 23.18
2	T1 T2 T3	29.41 36.66 45.69
3	T1 T2 T3	18.95 10.31 16.88
4	T1 T2 T3	14.37 11.42 18.32
5	T1 T2 T3	36.60 27.12 18.27

SCHAUMBURG AIRPORT RESUBDIVISION
Recorded December 27, 2000
as Document No. 0001012352

LOT 2

CARUSO SUBDIVISION
Recorded October 5, 2004
as Document No. 0427944003

LOT 2

CENTEX-SCHAUMBURG INDUSTRIAL PARK UNIT 168
Recorded October 30, 1979
as Document No. 25217197

LOT 24

CENTEX-SCHAUMBURG INDUSTRIAL PARK UNIT 165
Recorded October 23, 1979
as Document No. 25205936

LOT 22

CENTEX SCHAUMBURG INDUSTRIAL PARK UNIT 181
Recorded September 15, 1989
as Document No. 89436235

LOT 38

SPECTRUM BUSINESS PARK UNIT 5
Recorded May 23, 1990
as Document No. 90239107

LOT 1

B. MORETTI RESUBDIVISION
Recorded June 14, 1979
as Document No. 25006060

Lot 1

Lot 2

A. LAMP SUBDIVISION
Recorded June 12, 2003
as Document No. 0316303139

LOT 1

STATION	OFFSET	NORTH	EAST
101+18.95	40.24' Rt.	1,939,850.852	1,047,223.588
105+75.68	39.77' Lt.	1,940,308.277	1,047,147.659
105+92.67	40.23' Rt.	1,940,324.554	1,047,227.807
200+44.76	51.42' Lt.	1,939,896.490	1,046,943.034
201+24.63	48.48' Rt.	1,939,772.579	1,046,974.837

STATION	OFFSET	NORTH	EAST
201+24.63	1.52' Lt.	1,939,818.163	1,046,995.382
201+24.64	51.52' Lt.	1,939,863.747	1,047,015.927
202+29.73	51.51' Lt.	1,939,820.565	1,047,111.736
203+66.30	51.51' Lt.	1,939,764.447	1,047,236.246
205+81.36	51.50' Lt.	1,939,676.079	1,047,432.309

Parcel	Document No.	Date Recorded
0001	11245766	June 9, 1933
0001	22583756	December 31, 1973
0002	11245766	June 9, 1933
0002	22583756	December 31, 1973
----	22583756	December 31, 1973
----	9968049	July 13, 1999

REVISION DATE July 18, 2009

REVISION Configuration Parcel 0002

MADE BY

LEGEND

- SECTION CORNER 16
 - QUARTER SECTION CORNER
 - SECTION LINE
 - QUARTER SECTION LINE
 - EXISTING RIGHT OF WAY LINE
 - PLATTED LOT LINE
 - PROPERTY (DEED) LINE
 - APL
 - APPARENT PROPERTY LINE
 - CENTER LINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
- Bearings are referenced to a bearing of S2°07'41"W between found Village of Schaumburg GPS Survey Monument VS01 and the found Cross Cut Control Point No. 1, as provided by the Village of Schaumburg.
- IRON PIPE OR ROD FOUND
 - "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 358-3371

STATION	OFFSET	NORTH	EAST
100+45.38	24.77' Rt.	1,939,777.420	1,047,207.462
100+67.19	40.24' Rt.	1,939,799.094	1,047,223.127
100+77.60	48.48' Lt.	1,939,810.293	1,047,134.528
101+06.42	40.53' Lt.	1,939,839.044	1,047,142.712
101+18.95	39.76' Lt.	1,939,851.565	1,047,143.591

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. 1351 (WRIGHT BOULEVARD)
SECTION 06-00090-00-PV COOK COUNTY
PROJECT JOB NO. R-55-001-97
STATION 100+00.00 TO STATION 107+00
STATION 200+00 TO STATION 207+00
SCALE: 1"=40' SHEET 2 OF 14

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

ROUTE F.A.U. 1351 (WRIGHT BOULEVARD)

SECTION 06-00090-00-PV

COUNTY COOK

JOB NO. R-55-001-97

RECORDING: RECORDED ON

AS DOCUMENT NO.

DATE	BY	DATE	BY
PLAN	DATE	BY	DATE
NOTED	DATE	BY	DATE
STRUCTURE	DATE	BY	DATE

DATE	BY	DATE	BY
PROFILE	DATE	BY	DATE
NOTED	DATE	BY	DATE
STRUCTURE	DATE	BY	DATE

FILE NAME = J:\2215\cad\sheets\2215_P1ats_02.dgn

USER NAME = jat
DESIGNED - JAT
DRAWN - JAT
CHECKED - KRK
DATE - 10-16-09

REVISION -
REVISION -
REVISION -
REVISION -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD ALIGNMENT AND BENCHMARKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	50
CONTRACT NO. 63378				

SHEET NO. 2 OF 14 SHEETS

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-N-8003 (809)

PART OF THE SW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0005	22583756	December 31, 1973
0005	25129342	September 4, 1979
0006	22583756	December 31, 1973
---	22583756	December 31, 1973
---	25205936	October 23, 1979

DAILY HERALD SUBDIVISION
Recorded December 10, 2002
as Document No. 0021359708

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

BEARINGS ARE REFERENCED TO A BEARING OF S2°07'41"W BETWEEN FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT VS01 AND THE FOUND CROSS CUT CONTROL POINT NO. 1, AS PROVIDED BY THE VILLAGE OF SCHAUMBURG.

IRON PIPE OR ROD FOUND "MAG" NAIL SET
CUT CROSS FOUND OR SET 5/8" REBAR SET

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● T2
● T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT2
● BT3

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

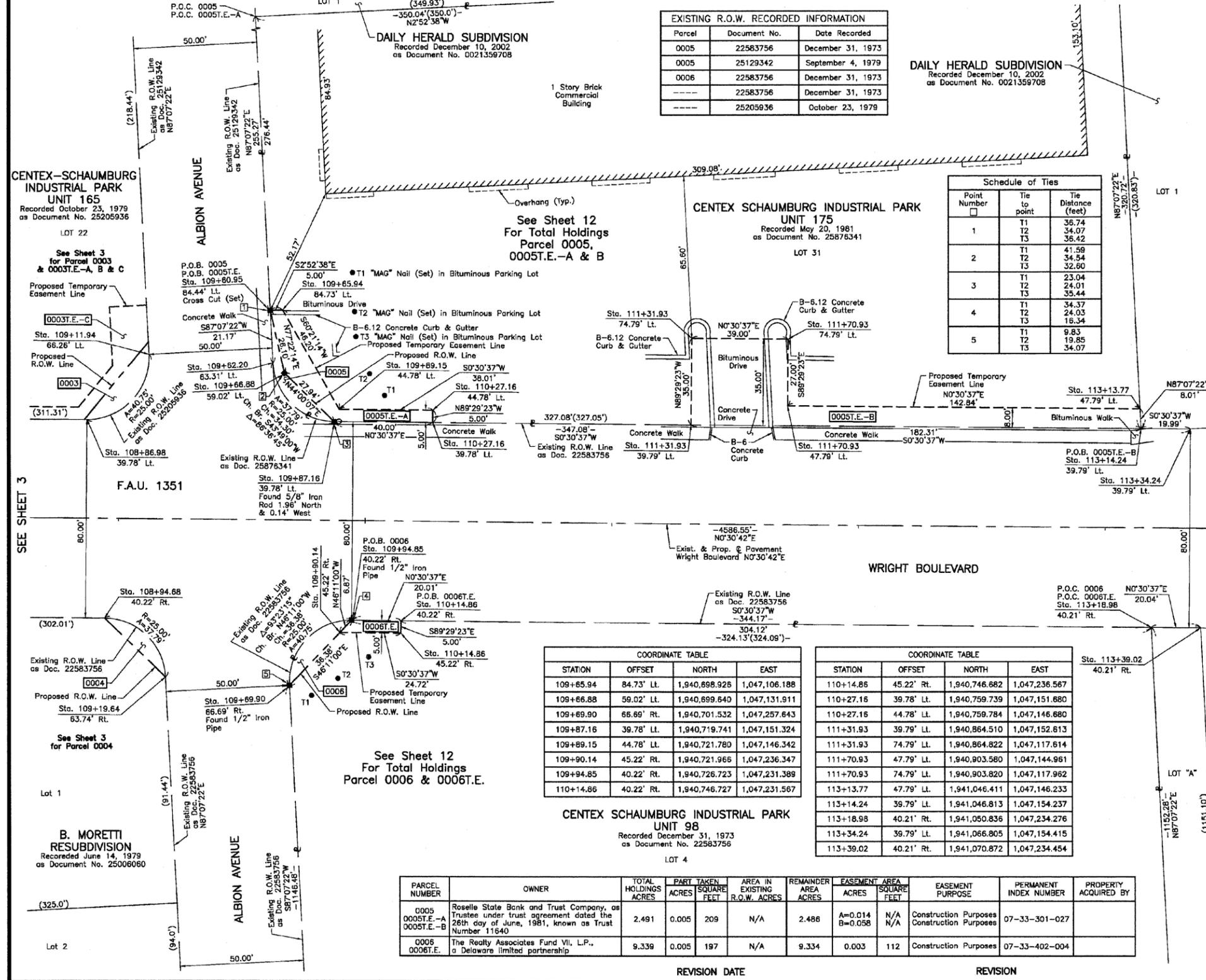
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

○ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

SCALE: 1"=20'



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	36.74
	T2	34.07
	T3	38.42
2	T1	41.58
	T2	24.01
	T3	35.44
3	T1	23.04
	T2	24.01
	T3	32.60
4	T1	34.37
	T2	24.03
	T3	18.34
5	T1	9.83
	T2	19.85
	T3	34.07

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
109+65.94	84.73' Lt.	1,940,898.926	1,047,106.188
109+66.88	59.02' Lt.	1,940,899.640	1,047,131.911
109+69.90	66.69' Rt.	1,940,701.532	1,047,257.643
109+87.16	39.78' Lt.	1,940,719.741	1,047,151.324
109+89.15	44.78' Lt.	1,940,721.780	1,047,146.342
109+90.14	45.22' Rt.	1,940,721.966	1,047,236.347
109+94.85	40.22' Rt.	1,940,726.723	1,047,231.389
110+14.86	40.22' Rt.	1,940,746.727	1,047,231.567

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
110+14.86	45.22' Rt.	1,940,746.682	1,047,236.567
110+27.16	39.78' Lt.	1,940,759.739	1,047,151.680
110+27.16	44.78' Lt.	1,940,759.784	1,047,146.680
111+31.93	39.79' Lt.	1,940,864.510	1,047,152.613
111+31.93	74.79' Lt.	1,940,864.822	1,047,117.614
111+70.93	47.79' Lt.	1,940,903.580	1,047,144.961
111+70.93	74.79' Lt.	1,940,903.820	1,047,117.962
113+13.77	47.79' Lt.	1,941,046.411	1,047,146.233
113+14.24	39.79' Lt.	1,941,046.813	1,047,154.237
113+18.98	40.21' Rt.	1,941,050.836	1,047,234.276
113+34.24	39.79' Lt.	1,941,066.805	1,047,154.415
113+39.02	40.21' Rt.	1,941,070.872	1,047,234.454

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0005 0005T.E.-A 0005T.E.-B	Roselle State Bank and Trust Company, as Trustee under trust agreement dated the 26th day of June, 1981, known as Trust Number 11640	2.491	0.005	209	N/A	2.486	A=0.014 B=0.058	N/A N/A	Construction Purposes Construction Purposes	07-33-301-027	
0006 0006T.E.	The Realty Associates Fund VII, L.P., a Delaware limited partnership	9.339	0.005	197	N/A	9.334	0.003	112	Construction Purposes	07-33-402-004	

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. COORDINATES ARE BASED ON THE PUBLISHED VALUES OF N.1,943,257.5513-E.1,047,255.1105 AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT STATION VS01.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
108+86.98	39.78' Lt.	1,940,819.570	1,047,150.432
108+94.68	40.22' Rt.	1,940,828.552	1,047,230.497
109+11.94	66.26' Rt.	1,940,844.761	1,047,124.178
109+19.64	63.74' Rt.	1,940,851.298	1,047,254.241
109+60.95	84.44' Lt.	1,940,893.933	1,047,106.439
109+62.20	63.31' Lt.	1,940,894.995	1,047,127.580

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1351 (WRIGHT BOULEVARD)
SECTION 06-00090-00-PV COOK COUNTY
PROJECT JOB NO. R-55-001-97
STATION 108+00 TO STATION 114+00
SCALE: 1"=20' SHEET 4 OF 14

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

DATE: _____ BY: _____

PLAN SURVEYED PLOTTED CHECKED
NOTE BOOK NO. _____ ALL DIMENSIONS CHECKED
NO. _____ CAD FILE NAME

DATE: _____ BY: _____

PROFILE SURVEYED PLOTTED CHECKED
NOTE BOOK NO. _____ GRADES CHECKED
NO. _____ STRUCTURE NOTATIONS CHECKED

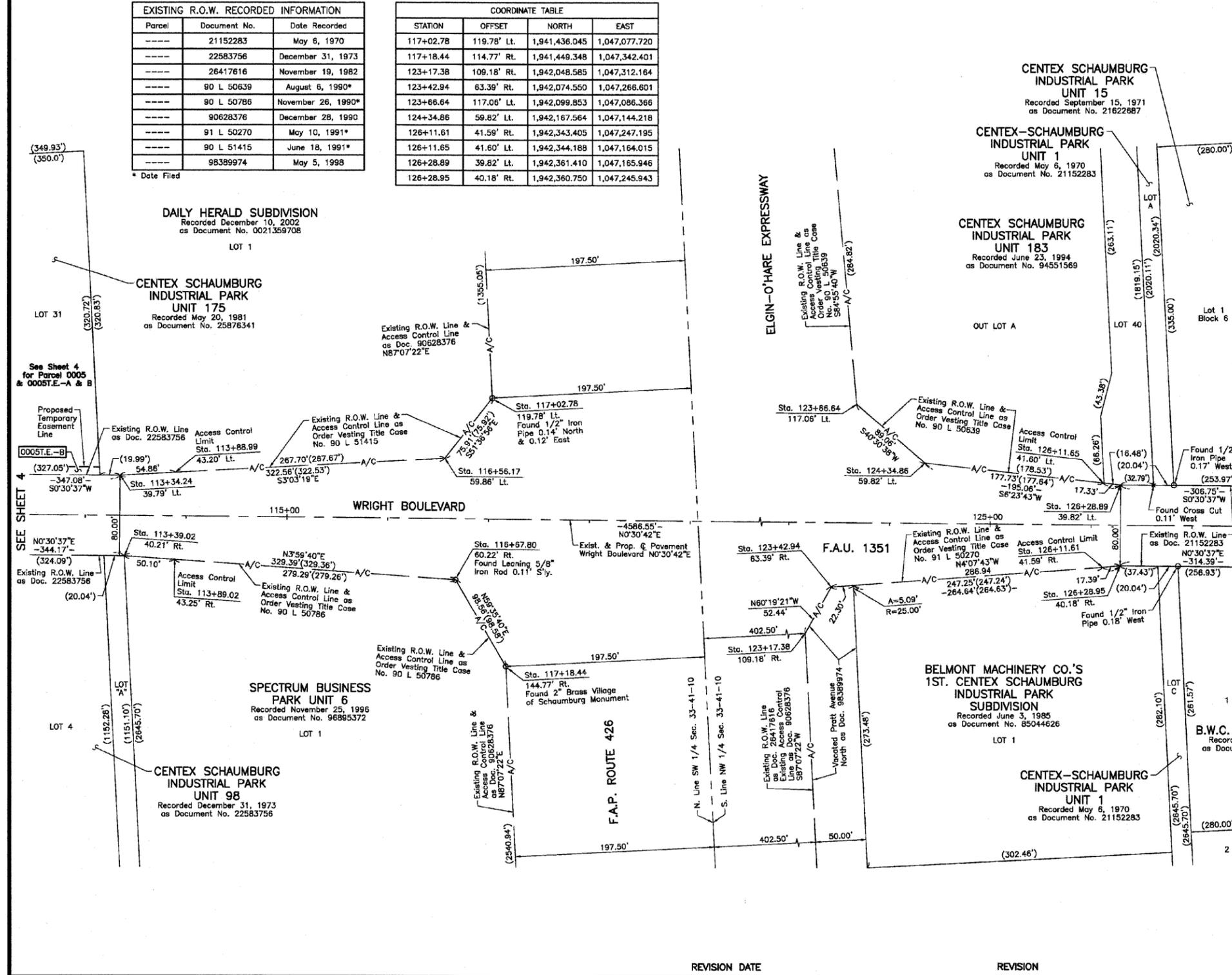
PART OF THE SW 1/4 AND PART OF THE NW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
----	21152283	May 6, 1970
----	22583756	December 31, 1973
----	26417616	November 19, 1982
----	90 L 50639	August 6, 1990*
----	90 L 50786	November 26, 1990*
----	90628376	December 28, 1990
----	91 L 50270	May 10, 1991*
----	90 L 51415	June 18, 1991*
----	98389974	May 5, 1998

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
117+02.78	119.78' Lt.	1,941,436.045	1,047,077.720
117+18.44	114.77' Rt.	1,941,449.348	1,047,342.401
123+17.38	109.18' Rt.	1,942,048.585	1,047,312.164
123+42.94	63.39' Rt.	1,942,074.550	1,047,266.601
123+66.64	117.06' Lt.	1,942,099.853	1,047,086.366
124+34.86	59.82' Lt.	1,942,167.564	1,047,144.218
126+11.61	41.59' Rt.	1,942,343.405	1,047,247.195
126+11.65	41.60' Lt.	1,942,344.188	1,047,164.015
126+28.89	39.82' Lt.	1,942,361.410	1,047,165.946
126+28.95	40.18' Rt.	1,942,360.750	1,047,245.943

LEGEND

- SECTION LINE
 - QUARTER SECTION LINE
 - PLATTED LOT LINE
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - CENTER LINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
- Bearings are referenced to a bearing of S2°07'41"W between found Village of Schaumburg GPS Survey Monument V501 and the found Cross Cut Control Point No. 1, as provided by the Village of Schaumburg.
- IRON PIPE OR ROD FOUND
 - "MAG" NAIL SET
 - CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 COORDINATES ARE BASED ON THE PUBLISHED VALUES OF N.1,943,257.5513-E.1,047,255.1105 AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT STATION V501.

STATION	OFFSET	NORTH	EAST
113+34.24	39.79' Lt.	1,941,066.805	1,047,154.415
113+39.02	40.21' Rt.	1,941,070.872	1,047,234.454
113+88.99	43.20' Lt.	1,941,121.587	1,047,151.491
113+89.02	43.25' Rt.	1,941,120.851	1,047,237.944
116+56.17	59.86' Lt.	1,941,388.910	1,047,137.223
116+67.80	60.22' Rt.	1,941,399.467	1,047,257.400

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE LAKE VILLA, ILLINOIS 60046 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 1351 (WRIGHT BOULEVARD)
 SECTION 06-00090-00-PV COOK COUNTY
 PROJECT JOB NO. R-55-001-97
 STATION 113+00 TO STATION 127+00
 SCALE: 1"=50' SHEET 5 OF 14

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

DATE	BY	REVISION

DATE	BY	REVISION

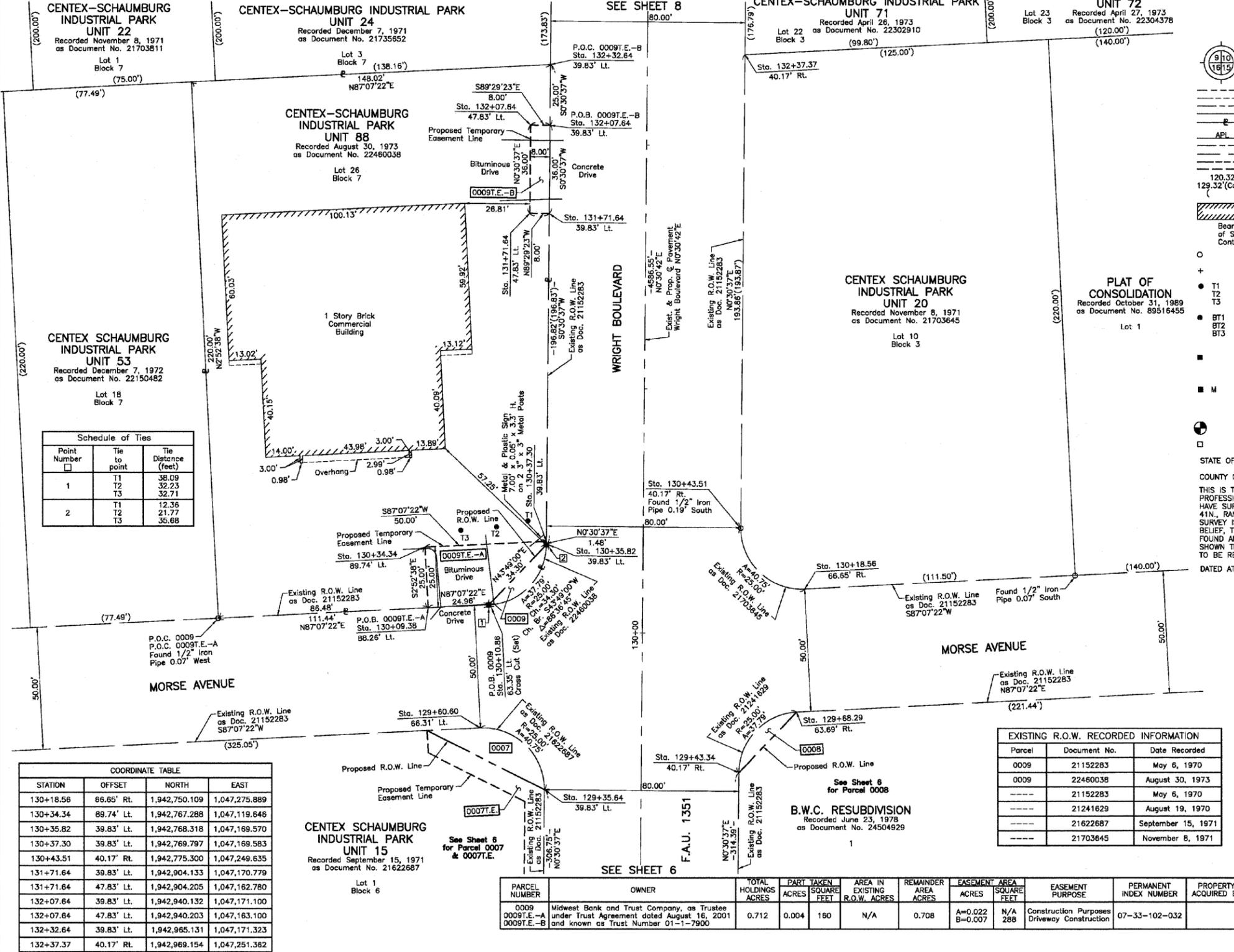
FILE NAME = J:\2215\cad\sheets\2215_Plots_05.dgn	USER NAME = jat	DESIGNED - ---	REVISED -
PLOT SCALE = 50,0000 ' / IN.	PLOT DATE = 10/15/2009	DRAWN - JAT	REVISED -
		CHECKED - KRK	REVISED -
		DATE - 10-16-09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD
 ALIGNMENT AND BENCHMARKS
 SHEET NO. 5 OF 14 SHEETS

F.A.U. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 53
CONTRACT NO. 63378			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)	

PART OF THE NW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	38.09
	T2	32.23
	T3	32.71
2	T1	12.36
	T2	21.77
	T3	35.68

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
130+18.56	66.65' Rt.	1,942,750.109	1,047,275.889
130+34.34	89.74' Lt.	1,942,767.288	1,047,119.646
130+35.82	39.83' Lt.	1,942,768.318	1,047,169.570
130+37.30	39.83' Lt.	1,942,769.797	1,047,169.583
130+43.51	40.17' Rt.	1,942,775.300	1,047,249.635
131+71.64	39.83' Lt.	1,942,904.133	1,047,170.779
131+71.64	47.83' Lt.	1,942,904.205	1,047,162.780
132+07.64	39.83' Lt.	1,942,940.132	1,047,171.100
132+07.64	47.83' Lt.	1,942,940.203	1,047,163.100
132+32.64	39.83' Lt.	1,942,965.131	1,047,171.323
132+37.37	40.17' Rt.	1,942,969.154	1,047,251.362

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0009	21152283	May 6, 1970
0009	22460038	August 30, 1973
---	21152283	May 6, 1970
---	21241629	August 19, 1970
---	21622687	September 15, 1971
---	21703645	November 8, 1971

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0009	Midwest Bank and Trust Company, as Trustee under Trust Agreement dated August 16, 2001 and known as Trust Number 01-1-7900	0.712	0.004	160	N/A	0.708	A=0.022 B=0.007	Construction Purposes Driveway Construction	07-33-102-032	

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings are referenced to a bearing of S2°07'41"W between found Village of Schaumburg GPS Survey Monument VS01 and the found Cross Cut Control Point No. 1, as provided by the Village of Schaumburg.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 356-3371

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
COORDINATES ARE BASED ON THE PUBLISHED VALUES OF N.1,943,257.5513-E.1,047,255.1105 AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT STATION VS01.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
129+35.64	39.83' Lt.	1,942,688.147	1,047,168.678
129+43.34	40.17' Rt.	1,942,675.129	1,047,248.743
129+60.60	66.31' Lt.	1,942,693.338	1,047,142.424
129+68.29	63.69' Rt.	1,942,699.875	1,047,272.487
130+09.38	88.26' Lt.	1,942,742.319	1,047,120.901
130+10.86	63.35' Lt.	1,942,743.572	1,047,145.826

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1351 (WRIGHT BOULEVARD)
SECTION 06-00090-00-PV COOK COUNTY
PROJECT JOB NO. R-55-001-97
STATION 129+00 TO STATION 133+00
SCALE: 1"=20'
SHEET 7 OF 14

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PLAN

DATE	
BY	
REVISED	
NOTED	
NO.	

PROFILE

DATE	
BY	
REVISED	
NOTED	
NO.	

REVISION DATE July 17, 2009

REVISION Eliminated Parcel 0010

MADE BY

ROUTE F.A.U. 1351 (WRIGHT BOULEVARD)

SECTION 06-00090-00-PV

COUNTY COOK

JOB NO. R-55-001-97

RECORDING: RECORDED ON

AS DOCUMENT NO.

FILE NAME = J:\2215\cad\sheets\2215.Plats.07.dgn

USER NAME = jat
DESIGNED - ---
DRAWN - JAT
CHECKED - KRK
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 10/15/2009

REVISION - ---
REVISION - JAT
REVISION - KRK
DATE - 10-16-09

REVISION - ---
REVISION - JAT
REVISION - KRK
REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

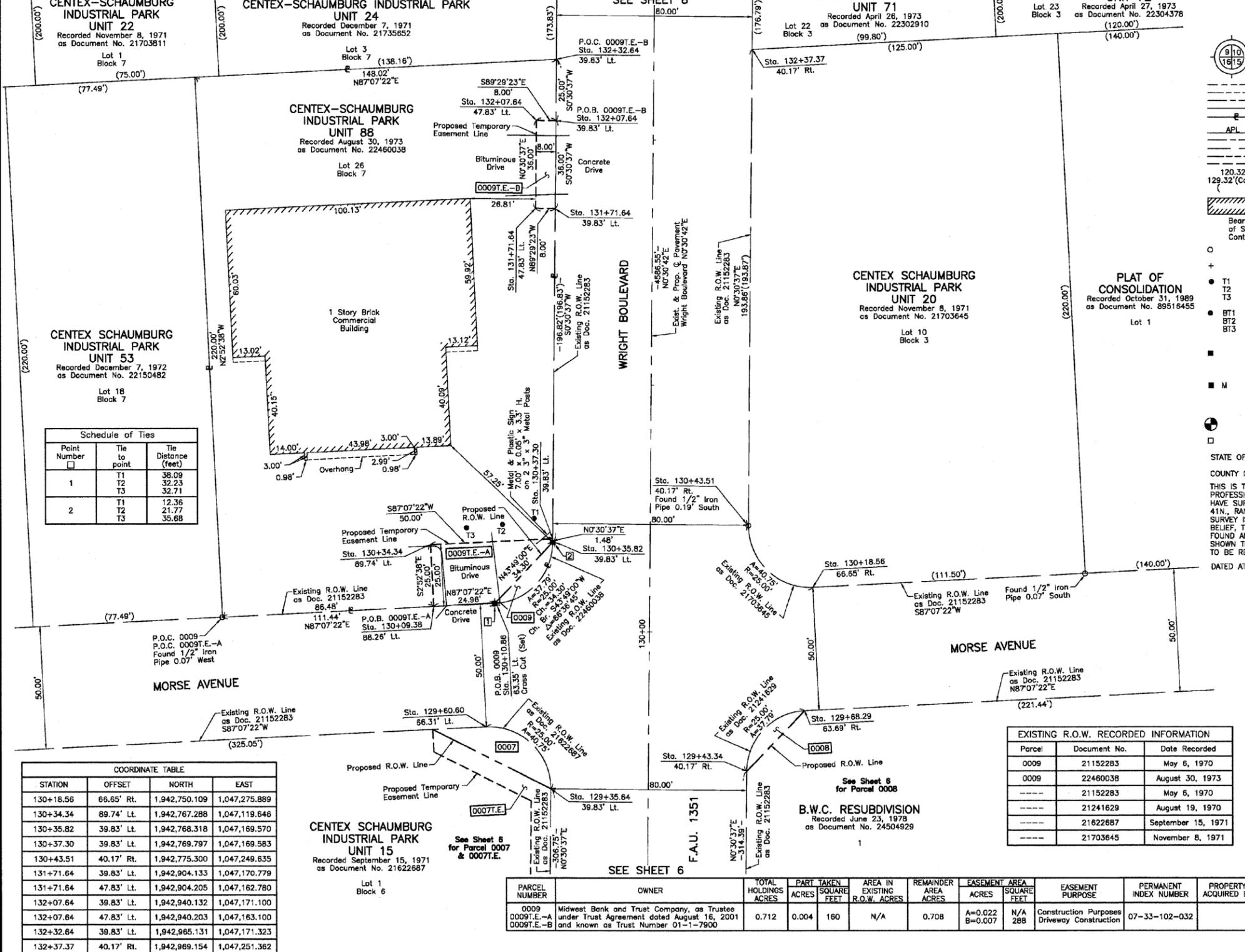
WRIGHT BOULEVARD
ALIGNMENT AND BENCHMARKS

SHEET NO. 7 OF 14 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	55

CONTRACT NO. 63378
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)

PART OF THE NW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	38.09
	T2	32.23
	T3	32.71
2	T1	12.36
	T2	21.77
	T3	35.68

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
130+18.56	66.65' Rt.	1,942,750.109	1,047,275.889
130+34.34	89.74' Lt.	1,942,767.288	1,047,119.646
130+35.82	39.83' Lt.	1,942,768.318	1,047,169.570
130+37.30	39.83' Lt.	1,942,769.797	1,047,169.583
130+43.51	40.17' Rt.	1,942,775.300	1,047,249.635
131+71.64	39.83' Lt.	1,942,904.133	1,047,170.779
131+71.64	47.83' Lt.	1,942,904.205	1,047,162.780
132+07.64	39.83' Lt.	1,942,940.132	1,047,171.100
132+07.64	47.83' Lt.	1,942,940.203	1,047,163.100
132+32.64	39.83' Lt.	1,942,965.131	1,047,171.323
132+37.37	40.17' Rt.	1,942,969.154	1,047,251.362

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0009	21152283	May 6, 1970
0009	22460038	August 30, 1973
-----	21152283	May 6, 1970
-----	21241629	August 19, 1970
-----	21622687	September 15, 1971
-----	21703645	November 8, 1971

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0009	Midwest Bank and Trust Company, as Trustee under Trust Agreement dated August 16, 2001 and known as Trust Number 01-1-7900	0.712	0.004	160	N/A	0.708	A=0.022 B=0.007	N/A 288	Construction Purposes Driveway Construction	07-33-102-032	

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings are referenced to a bearing of S2°07'41"W between found Village of Schaumburg GPS Survey Monument VS01 and the found Cross Cut Control Point No. 1, as provided by the Village of Schaumburg.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
COORDINATES ARE BASED ON THE PUBLISHED VALUES OF N.1,943,257.5513-E.1,047,256.1105 AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT STATION VS01.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
129+35.64	39.83' Lt.	1,942,668.147	1,047,168.678
129+43.34	40.17' Rt.	1,942,675.129	1,047,248.743
129+60.60	66.31' Lt.	1,942,693.338	1,047,142.424
129+68.29	63.69' Rt.	1,942,699.875	1,047,272.487
130+09.38	88.26' Lt.	1,942,742.319	1,047,120.901
130+10.86	63.35' Lt.	1,942,743.572	1,047,145.826

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1351 (WRIGHT BOULEVARD)
SECTION 06-00090-00-PV COOK COUNTY
PROJECT JOB NO. R-55-001-97
STATION 129+00 TO STATION 133+00
SCALE: 1"=20'

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PLAN

DATE	BY	SURVEYED	PLOTTED	REVIEWED	AT	CHECKED	FILE NAME

NOTE BOOK NO.

PROFILE

DATE	BY	SURVEYED	PLOTTED	REVIEWED	AT	CHECKED	FILE NAME

NOTE BOOK NO.

FILE NAME = J:\2215\cad\sheets\2215.Plats.08.dgn	USER NAME = jst	DESIGNED = ---	REVISED = ---
PLOT SCALE = 50.0000' / IN.	DRAWN = JAT	CHECKED = KRK	REVISOR = ---
PLOT DATE = 10/15/2009	DATE = 10-16-09		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD
ALIGNMENT AND BENCHMARKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	56
CONTRACT NO. 63378				

ROUTE F.A.U. 1351 (WRIGHT BOULEVARD) SECTION 06-00090-00-PV COUNTY COOK JOB NO. R-55-001-97 RECORDING: RECORDED ON AS DOCUMENT NO.

REVISION DATE July 17, 2009

REVISION Eliminated Parcel 0010

MADE BY

PART OF THE NW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

Point Number	Tie to point	Tie Distance (feet)
1	T1	30.87
	T2	19.98
	T3	8.22
2	T1	11.86
	T2	18.55
	T3	30.33
3	T1	30.21
	T2	19.79
	T3	9.83
4	T1	12.38
	T2	23.22
	T3	37.02

Parcel	Document No.	Date Recorded
0017	21152283	May 6, 1970
0017	LR3104193	July 13, 1979*
0017	LR3104235	July 13, 1979*
0018	21152283	May 6, 1970
0018	LR2582865	September 22, 1971*
	21152283	May 6, 1970
	LR3104193	July 13, 1979*

LEGEND

SECTION CORNER 16 SECTION CORNER 15

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings are referenced to a bearing of S2°07'41"W between found Village of Schaumburg GPS Survey Monument VS01 and the found Cross Cut Control Point No. 1, as provided by the Village of Schaumburg.

○ IRON PIPE OR ROD FOUND ● "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

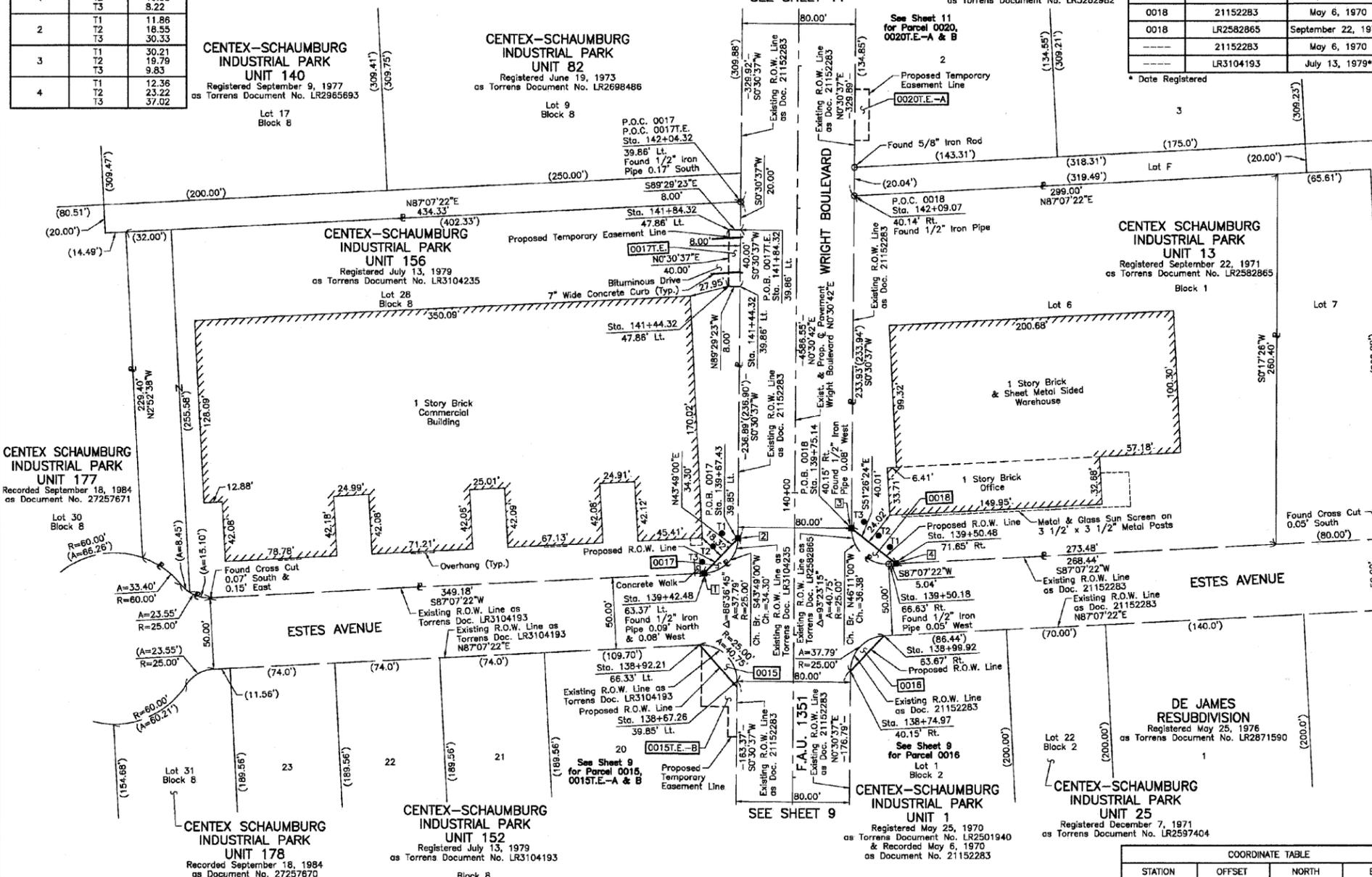
● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
COORDINATES ARE BASED ON THE PUBLISHED VALUES OF N.1,943,257.5513-E.1,047,255.1105 AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT STATION VS01.



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
138+67.26	39.85' Lt.	1,943,599.727	1,047,176.975
138+74.97	40.15' Rt.	1,943,606.720	1,047,257.040
138+92.21	66.33' Lt.	1,943,624.919	1,047,150.721
138+99.92	63.67' Rt.	1,943,631.465	1,047,280.784
139+42.48	63.37' Lt.	1,943,675.153	1,047,154.123
139+50.18	66.63' Rt.	1,943,681.700	1,047,284.186

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(947) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0017	Estes Sch., L.L.C., an Illinois limited liability company	2.529	0.004	160	N/A	2.525	0.007	320	07-33-101-012	
0018	LaSalle Bank National Association, as successor to National Boulevard Bank of Chicago, as Trustee under Trust Agreement dated the 14th day of April, 1971 and known as Trust Number 3745	1.784	0.006	264	N/A	1.778	N/A	N/A	07-33-200-019	

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
139+50.48	71.65' Rt.	1,943,681.952	1,047,289.217
139+67.43	39.85' Lt.	1,943,699.898	1,047,177.867
139+75.14	40.15' Rt.	1,943,706.891	1,047,257.932
141+44.32	39.86' Lt.	1,943,876.783	1,047,179.442
141+44.32	47.86' Lt.	1,943,876.854	1,047,171.443
141+84.32	39.86' Lt.	1,943,916.781	1,047,179.799
141+84.32	47.86' Lt.	1,943,916.852	1,047,171.799
142+04.32	39.86' Lt.	1,943,936.780	1,047,179.977
142+09.07	40.14' Rt.	1,943,940.813	1,047,280.016

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1351 (WRIGHT BOULEVARD)
SECTION 06-00090-00-PV COOK COUNTY
PROJECT JOB NO. R-55-001-97
STATION 138+00 TO STATION 143+00
SCALE: 1"=40'
SHEET 10 OF 14

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

ROUTE F.A.U. 1351 (WRIGHT BOULEVARD) SECTION 06-00090-00-PV COUNTY COOK JOB NO. R-55-001-97 RECORDING: RECORDED ON AS DOCUMENT NO.

FILE NAME = J:\2215\cad\sheet\2215_P1ets_10.dgn	USER NAME = jat	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD ALIGNMENT AND BENCHMARKS	F.A.U. RTE. = 1351	SECTION = 06-00090-00-PV	COUNTY = COOK	TOTAL SHEETS = 137	SHEET NO. = 58
PLOT SCALE = 50.0000' / IN.	PLOT DATE = 10/15/2009	DRAWN - JAT	REVISIONS -	CHECKED - KRK	REVISIONS -	CONTRACT NO. 63378		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-N-8003 (809)		

PART OF THE NW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0019	21152283	May 6, 1970
0020	21152283	May 6, 1970
---	21152283	May 6, 1970

NOTIS ESTATES
Recorded July 31, 1987
as Document No. 87423242

LEGEND

SECTION CORNER 18 15
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

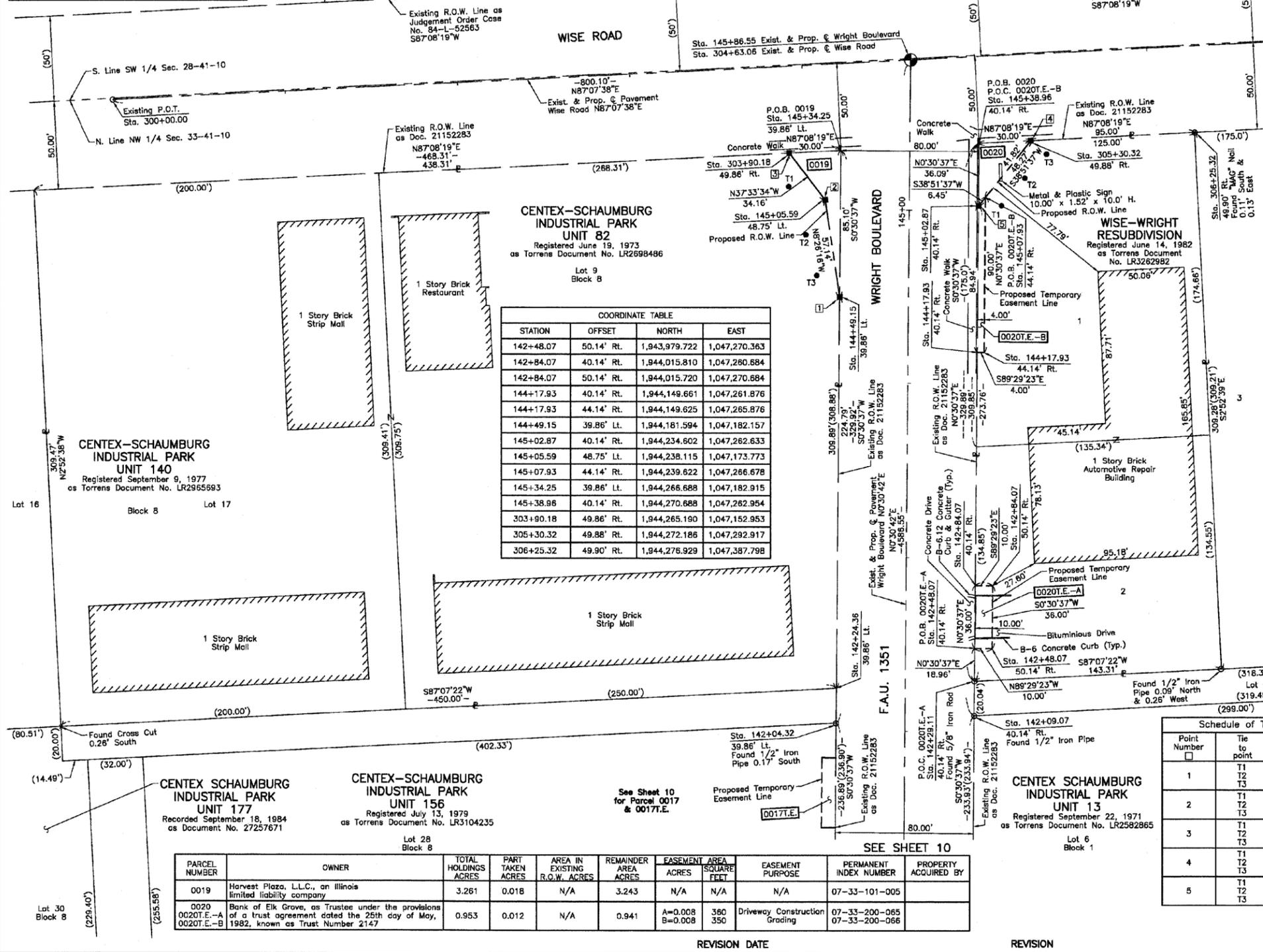
Bearings are referenced to a bearing of S2°07'41"W between found Village of Schaumburg GPS Survey Monument VS01 and the found Cross Cut Control Point No. 1, as provided by the Village of Schaumburg.

○ IRON PIPE OR ROD FOUND ● "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
142+48.07	50.14' RL	1,943,979.722	1,047,270.363
142+84.07	40.14' RL	1,944,015.810	1,047,280.684
142+84.07	50.14' RL	1,944,015.720	1,047,270.684
144+17.93	40.14' RL	1,944,149.661	1,047,261.876
144+17.93	44.14' RL	1,944,149.625	1,047,265.876
144+49.15	39.86' Lt.	1,944,181.594	1,047,182.157
145+02.87	40.14' RL	1,944,234.602	1,047,262.633
145+05.59	48.75' Lt.	1,944,238.115	1,047,173.773
145+07.93	44.14' RL	1,944,239.622	1,047,266.678
145+34.25	39.86' Lt.	1,944,266.688	1,047,182.915
145+38.96	40.14' RL	1,944,270.688	1,047,262.954
303+90.18	49.86' RL	1,944,265.190	1,047,152.953
305+30.32	49.88' RL	1,944,272.186	1,047,292.917
306+25.32	49.90' RL	1,944,276.929	1,047,387.798

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
142+04.32	39.86' Lt.	1,943,936.780	1,047,179.977
142+09.07	40.14' RL	1,943,940.813	1,047,280.016
142+24.36	39.86' Lt.	1,943,956.814	1,047,180.155
142+29.11	40.14' RL	1,943,960.847	1,047,280.194
142+48.07	40.14' RL	1,943,979.811	1,047,280.363

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	70.78
	T2	41.09
	T3	18.32
2	T1	22.54
	T2	23.30
	T3	44.22
3	T1	19.27
	T2	48.45
	T3	72.77
4	T1	41.05
	T2	21.86
	T3	11.92
5	T1	13.30
	T2	31.24
	T3	49.44

SEE SHEET 10

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0019	Harvest Plaza, L.L.C., an Illinois limited liability company	3.261	0.018	N/A	3.243	N/A	N/A	07-33-101-005	
0020	Bank of Elk Grove, as Trustee under the provisions of a trust agreement dated the 25th day of May, 1982, known as Trust Number 2147	0.953	0.012	N/A	0.941	A=0.008 B=0.008	Driveway Construction Grading	07-33-200-065 07-33-200-066	

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1351 (WRIGHT BOULEVARD)

SECTION 06-00090-00-PV COOK COUNTY
PROJECT JOB NO. R-55-001-97
STATION 142+00 TO STATION 145+86.55
STATION 300+00.00 TO STATION 307+00
-SCALE: 1"=30'-
SHEET 11 OF 14

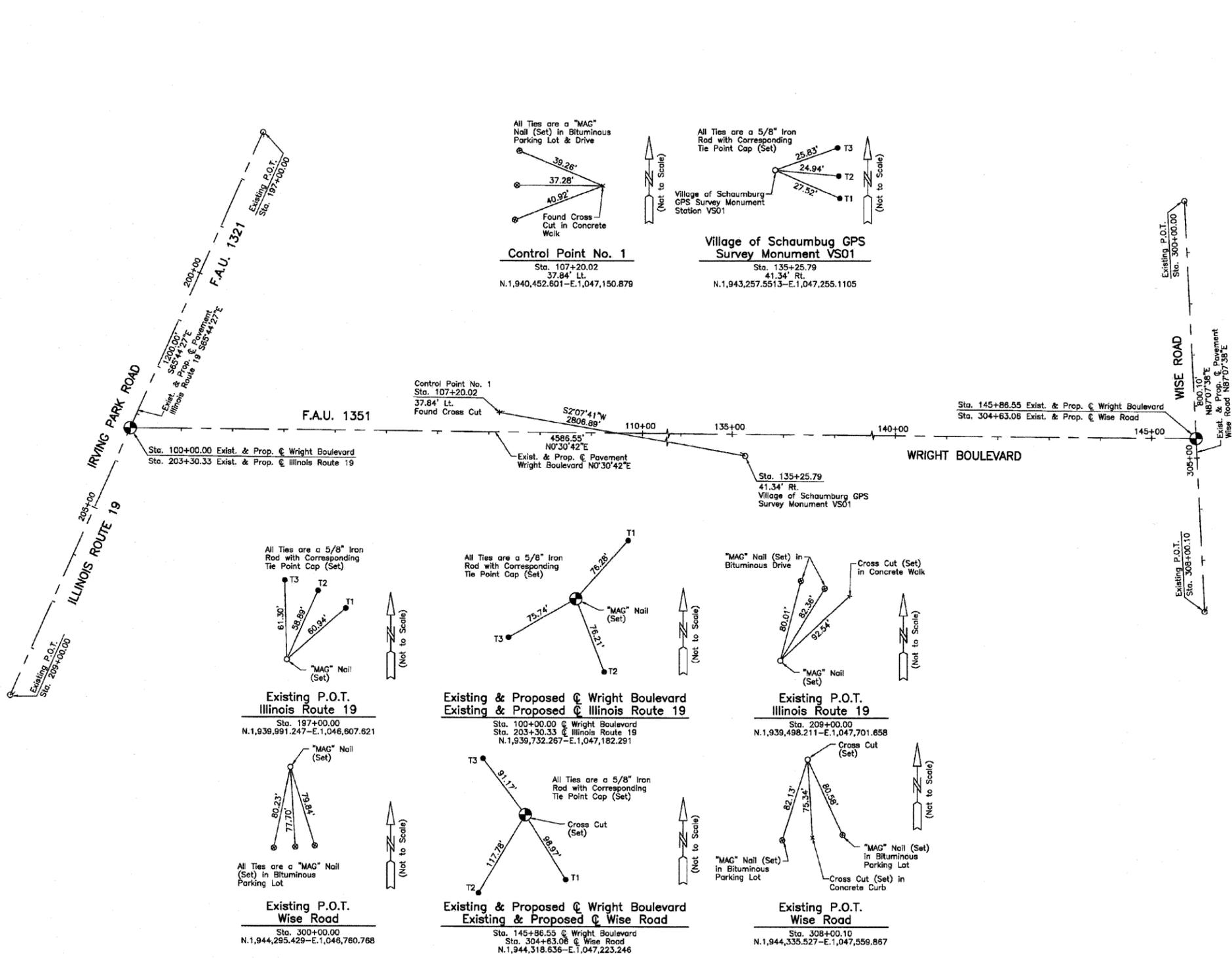
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

ROUTE F.A.U. 1351 (WRIGHT BOULEVARD) SECTION 06-00090-00-PV COUNTY COOK JOB NO. R-55-001-97 RECORDING: RECORDED ON AS DOCUMENT NO.

PART OF THE SW 1/4 AND PART OF THE NW 1/4 OF SEC. 33, TWP. 41 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	ALONGMAN	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	



LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

Bearings are referenced to a bearing of S2°07'41"W between found Village of Schaumburg GPS Survey Monument VS01 and the found Cross Cut Control Point No. 1, as provided by the Village of Schaumburg.

○ IRON PIPE OR ROD FOUND ● "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2
 T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3

■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 41N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 COORDINATES ARE BASED ON THE PUBLISHED VALUES OF N.1,943,257.5513-E.1,047,255.1105 AT FOUND VILLAGE OF SCHAUMBURG GPS SURVEY MONUMENT STATION VS01.

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

F.A.U. 1351 (WRIGHT BOULEVARD)

SECTION 06-00090-00-PV COOK COUNTY
 PROJECT JOB NO. R-55-001-97
 STATION 100+00.00 TO STATION 145+86.55 WRIGHT BOULEVARD
 STATION 197+00.00 TO STATION 209+00.00 ILLINOIS ROUTE 19
 STATION 300+00.00 TO STATION 308+00.10 WISE ROAD
 SCALE: 1"=100' SHEET 14 OF 14

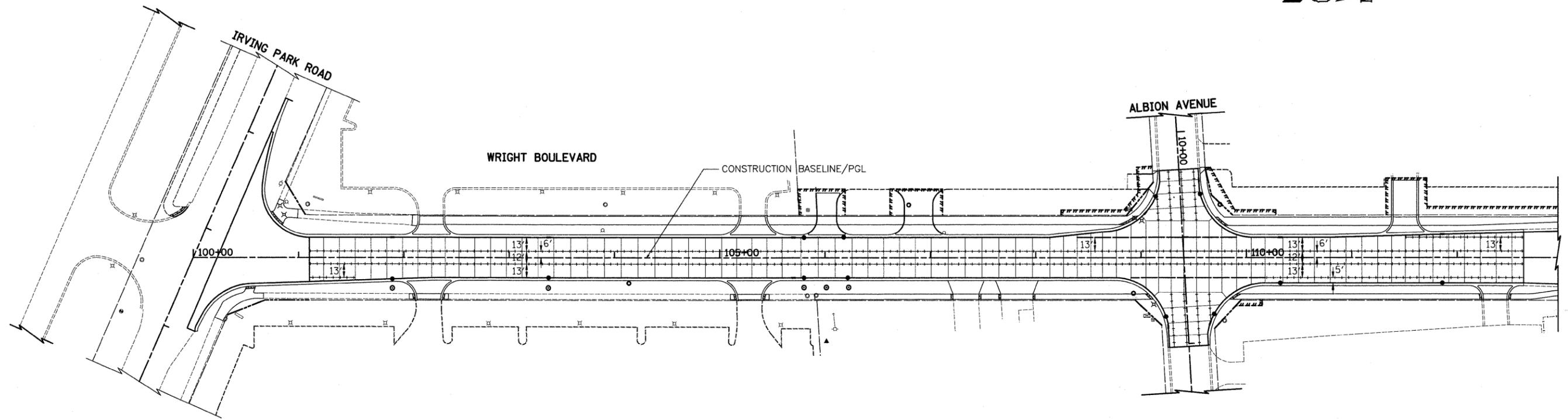
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

ROUTE F.A.U. 1351 (WRIGHT BOULEVARD) SECTION 06-00090-00-PV COUNTY COOK JOB NO. R-55-001-97 RECORDING: RECORDED ON AS DOCUMENT NO.

FILE NAME = J:\2215\cad\sheets\2215_Plots_14.dgn	USER NAME = jat	DESIGNED - ---	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD ALIGNMENT AND BENCHMARKS	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 62	
PLOT SCALE = 50.0000' / IN.	CHECKED - KRK	REVISED -	REVISED -			CONTRACT NO. 63378					
PLOT DATE = 10/15/2009	DATE = 10-16-09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)					

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	
	NOTE BOOK	
	NO. _____	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	
	NOTE BOOK	
	NO. _____	
	STRUCTURE NOTATIONS CHECKED	



LEGEND

- LONGITUDINAL JOINT
*6 TIE BARS AT 30" C-C SPACING FOR SAWED JOINTS
*6 TIE BARS AT 24" C-C SPACING FOR CONSTRUCTION JOINTS
- TRANSVERSE CONTRACTION JOINT WITH 1.5" DIA. DOWEL BARS AT 12" C-C SPACING
- LONGITUDINAL JOINT WITH 1.5" DIA. DOWEL BARS AT 12" C-C SPACING

NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE TYPICALLY SPACED AT 15' O.C. JOINT LAYOUT MAY BE MODIFIED (±3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE DUE TO THE CONTRACTOR FOR CHANGES TO THE PROPOSED JOINT LAYOUT SHOWN.
2. REFERENCE IDOT STANDARD 420001, 420101, 420106, & 420111 FOR ADDITIONAL JOINTING DETAILS.



FILE NAME = J:\2215\road\sheets\2215_JOINT 01.dgn

USER NAME = jet	DESIGNED - BJC	REVISED -
	DRAWN - BJC	REVISED -
PLOT SCALE = 50.0000' / IN.	CHECKED - DJK	REVISED -
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

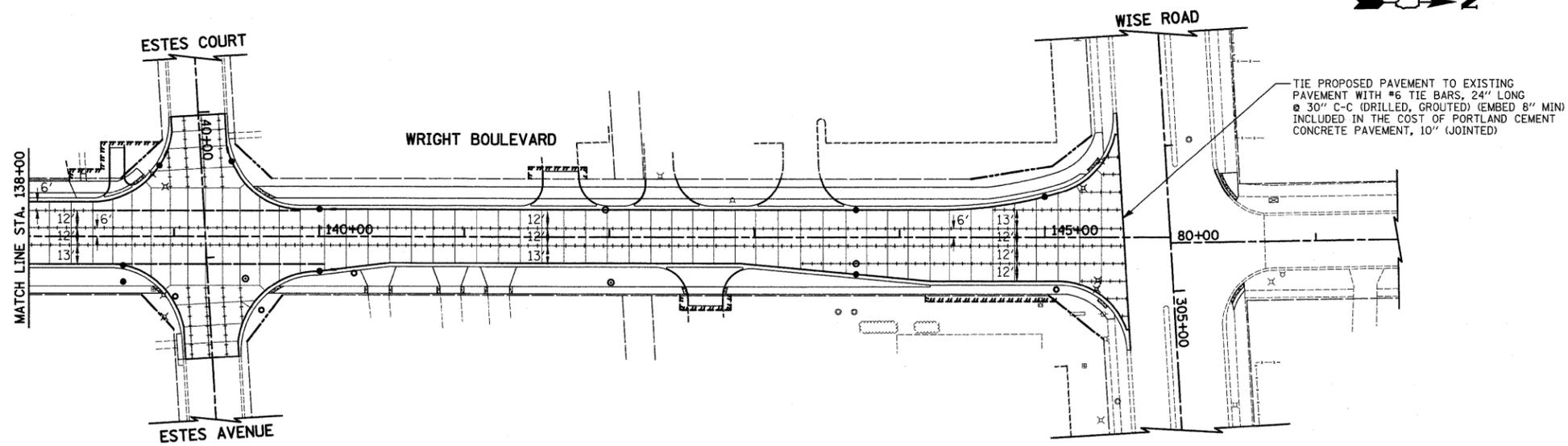
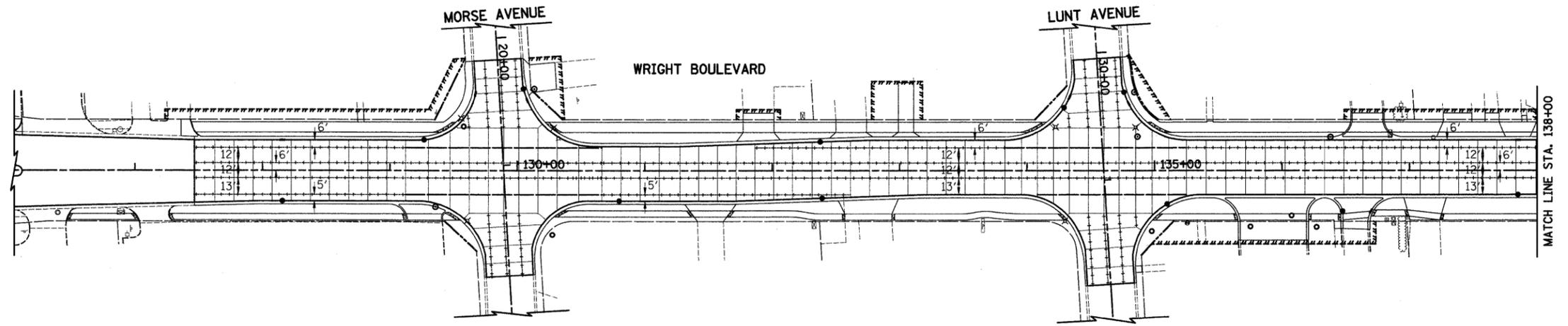
**WRIGHT BOULEVARD
JOINTING PLAN**

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	63
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVISIONS	
	RT. WORKMAN CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	REVISIONS	
	NOTATIONS CHKD	
	NO.	



LEGEND

- LONGITUDINAL JOINT
- #6 TIE BARS AT 30" C-C SPACING FOR SAWED JOINTS
- #6 TIE BARS AT 24" C-C SPACING FOR CONSTRUCTION JOINTS
- TRANSVERSE CONTRACTION JOINT WITH 1.5" DIA. DOWEL BARS AT 12" C-C SPACING
- LONGITUDINAL JOINT WITH 1.5" DIA. DOWEL BARS AT 12" C-C SPACING

NOTES

1. TRANSVERSE DOWELED JOINTS SHALL BE TYPICALLY SPACED AT 15' O.C. JOINT LAYOUT MAY BE MODIFIED (±3' PER STANDARD 420101 & 420106) UPON APPROVAL BY THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE DUE TO THE CONTRACTOR FOR CHANGES TO THE PROPOSED JOINT LAYOUT SHOWN.
2. REFERENCE IDOT STANDARD 420001, 420101, 420106, & 420111 FOR ADDITIONAL JOINTING DETAILS.



FILE NAME = J:\2215\cad\sheets\2215_JOINT 02.dgn

USER NAME = jst
 DESIGNED - BJC
 DRAWN - BJC
 CHECKED - DJK
 DATE - 10-16-09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

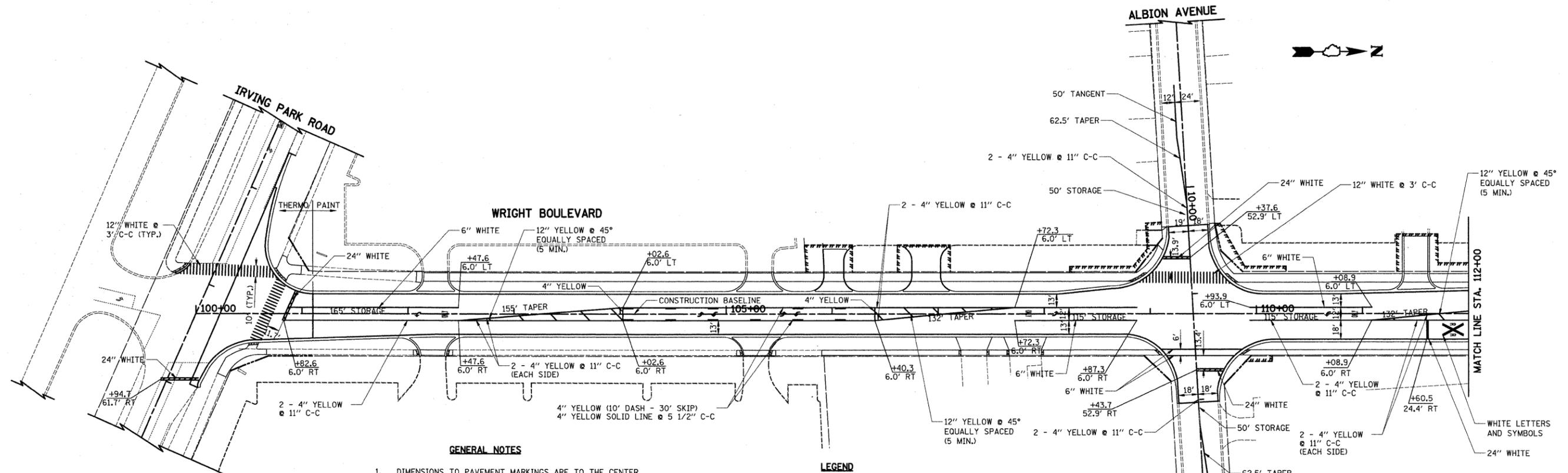
**WRIGHT BOULEVARD
 JOINTING PLAN**

SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	64
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

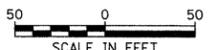
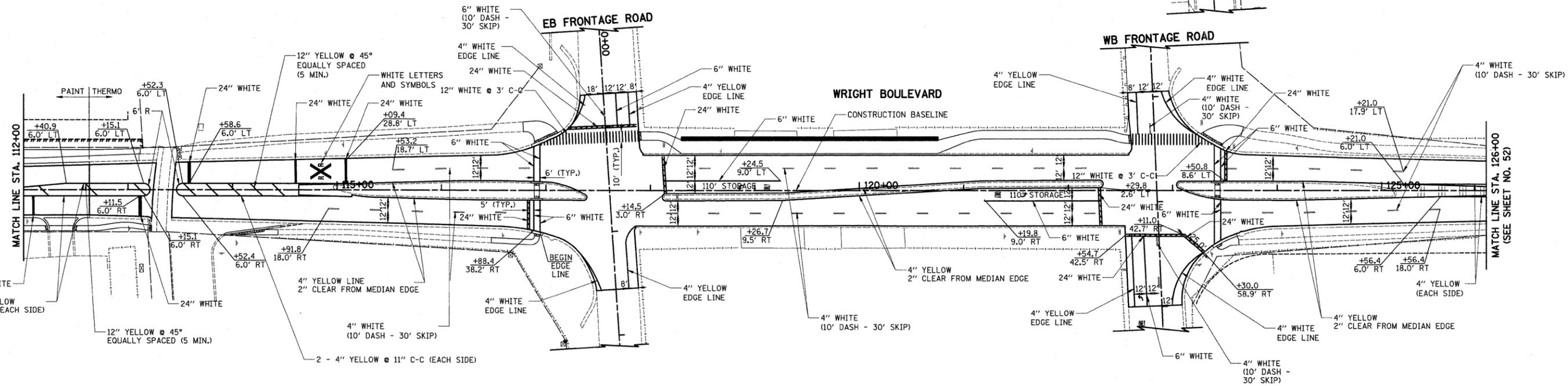
DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK NO.	
ALIGNED CHECKED	
CONSTRUCTION NOTATIONS CHECKED	
CADD FILE NAME	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK NO.	
ALIGNED CHECKED	
CONSTRUCTION NOTATIONS CHECKED	
CADD FILE NAME	



- 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. STANDARD TC-13 FOR TURN LANE MARKING DETAILS.
 - ALL PERMANENT PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL BE PAINT. ALL PERMANENT PAVEMENT MARKINGS ON ASPHALT SURFACES SHALL BE THERMOPLASTIC.

- LEGEND**
- PROPOSED WHITE LETTERS AND SYMBOLS



FILE NAME =
...sheet2215_STRIPING_01.dgn

USER NAME = kpk
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 12/29/2009

DESIGNED - JAT
DRAWN - JAT
CHECKED - DJK
DATE - 10-16-09

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WRIGHT BOULEVARD
PAVEMENT MARKING PLAN**

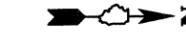
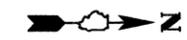
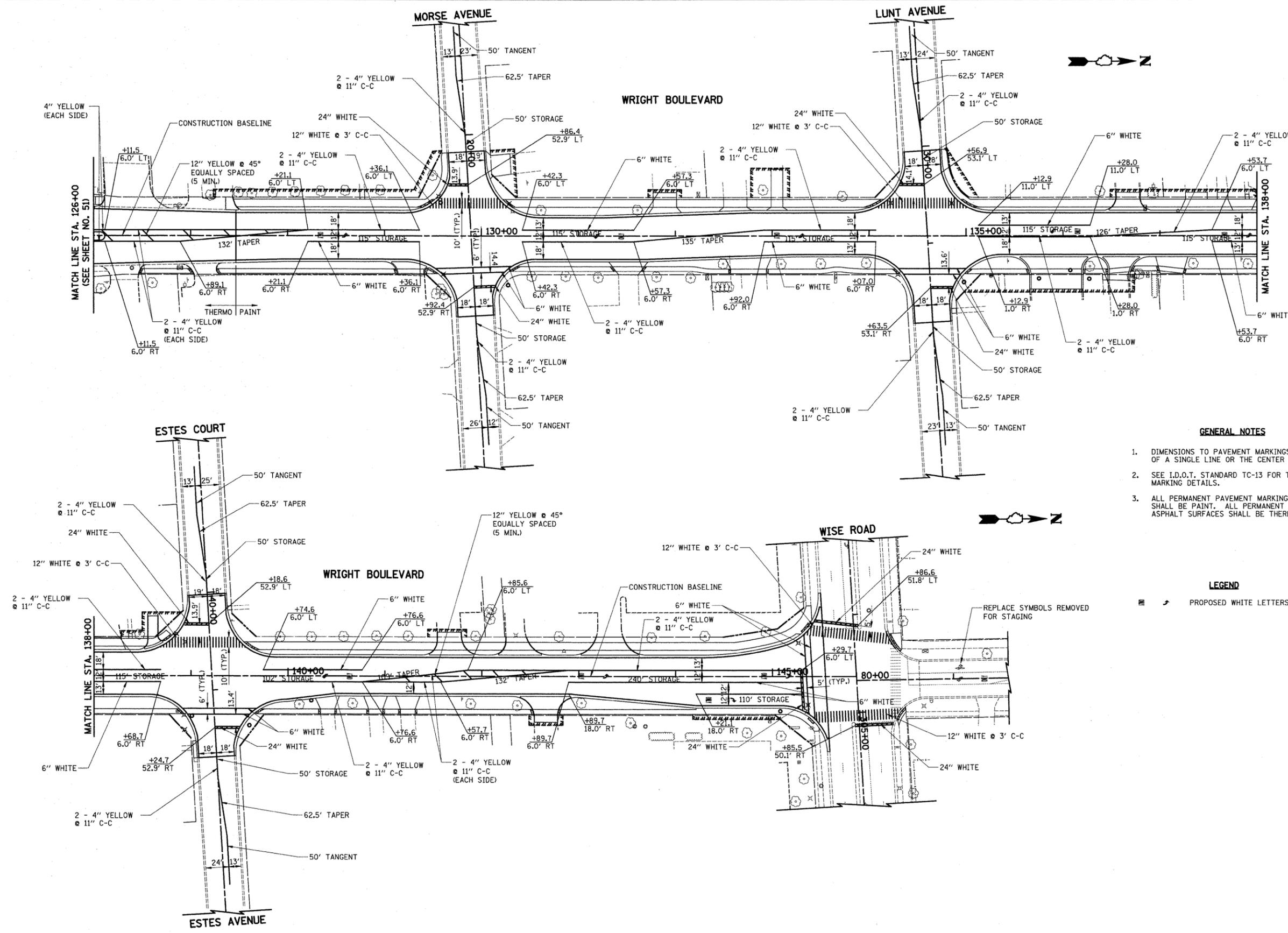
SHEET NO. 1 OF 2 SHEETS STA. 100+00 TO STA. 126+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	65
CONTRACT NO. 63378				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	
FILE NAME	



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. STANDARD TC-13 FOR TURN LANE MARKING DETAILS.
3. ALL PERMANENT PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL BE PAINT. ALL PERMANENT PAVEMENT MARKINGS ON ASPHALT SURFACES SHALL BE THERMOPLASTIC.

LEGEND

PROPOSED WHITE LETTERS AND SYMBOLS



FILE NAME = ...sheets\2215_STRIPING_02.dgn	USER NAME = k-r-k	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD PAVEMENT MARKING PLAN	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 66		
PLOT SCALE = 50.0000' / IN.	CHECKED - DJK	REVISED -	REVISED -			SHEET NO. 2 OF 2 SHEETS		STA. 126+00 TO STA. 146+00		CONTRACT NO. 63378		
PLOT DATE = 10/29/2009	DATE - 10-16-09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)						

NOTE

1) ALL SIGNS DESIGNATED AS "NEW" SHALL BE PROVIDED BY THE VILLAGE. THE VILLAGE SHALL ALSO PROVIDE THE REQUIRED SIGN POSTS. THE CONTRACTOR SHALL INSTALL THE SIGN POSTS AT THE LOCATIONS NOTED AND INSTALL THE SIGN PANELS ON THE SIGN SUPPORTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE VILLAGE AT LEAST 48 HOURS PRIOR TO THE TIME OF INSTALLATION TO COORDINATE PICK-UP OF THE SIGN PANELS AND SUPPORTS FROM THE VILLAGE'S PUBLIC WORKS FACILITY. THIS WORK SHALL BE PAID FOR AS "INSTALL EXISTING SIGN PANEL".

2) WHEN A SIGN THAT IS SHOWN TO REMAIN CONFLICTS WITH THE CONTRACTOR'S CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL RELOCATE THE SIGN PANEL ASSEMBLY AND POST TO A TEMPORARY LOCATION APPROVED BY THE ENGINEER. THE SIGN PANEL ASSEMBLY AND POST SHALL BE RELOCATED TO THE PERMANENT LOCATION AS SOON AS CONSTRUCTION OPERATIONS PERMIT. THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION ITEMS.

3) SIGNS DESIGNATED AS "REL" SHALL BE RELOCATED BY THE CONTRACTOR. THE ENGINEER SHALL DETERMINE IF THE EXISTING POST CAN BE RE-USED IN THE PERMANENT LOCATION. IF A REPLACEMENT POST IS REQUIRED, THE VILLAGE SHALL PROVIDE THE POSTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE VILLAGE AT LEAST 48 HOURS PRIOR TO THE TIME OF INSTALLATION TO COORDINATE PICK-UP OF THE POSTS FROM THE VILLAGE'S PUBLIC WORKS FACILITY.

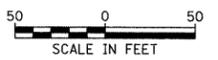
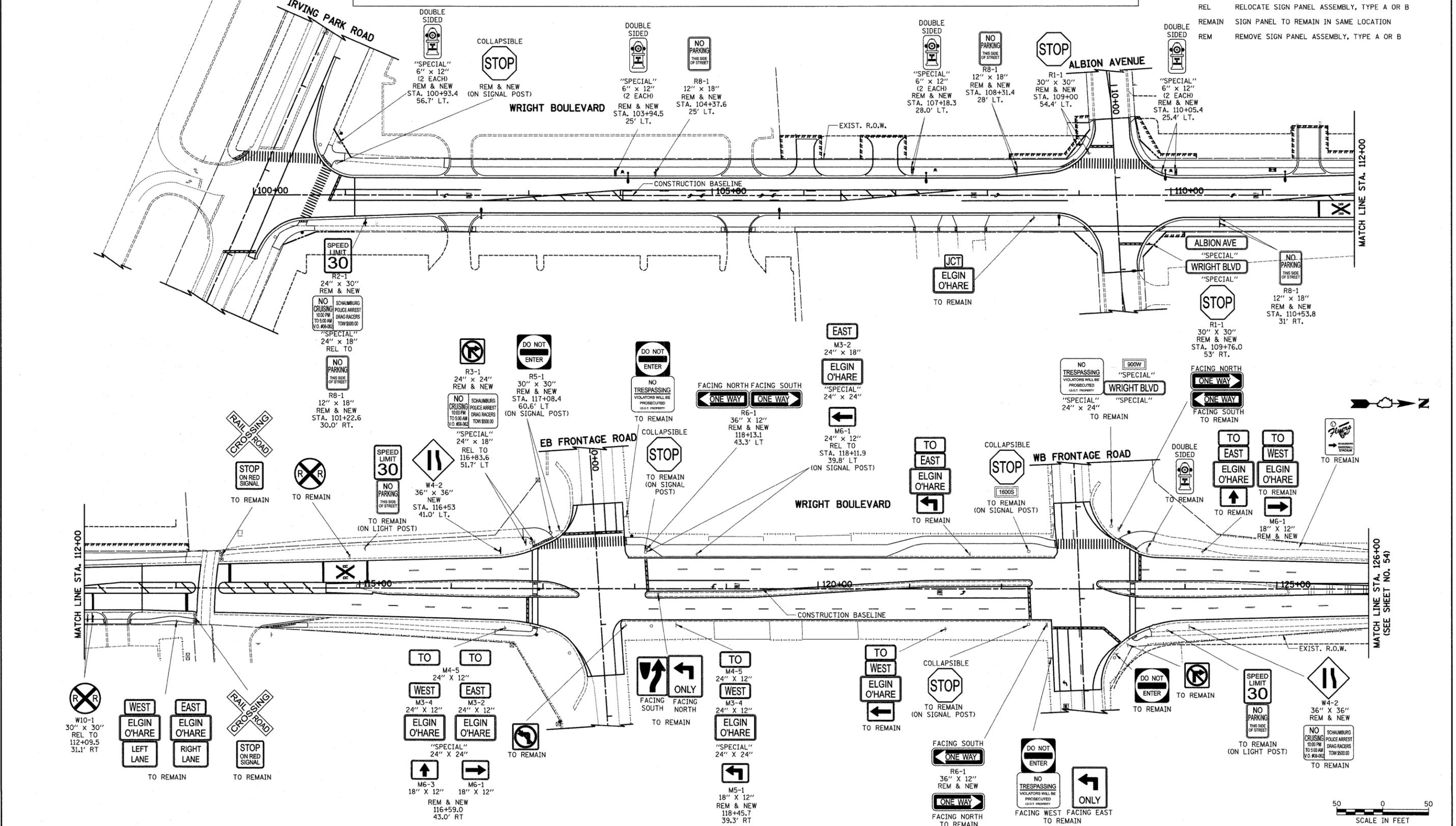
LEGEND

	PROPOSED LIGHT POLE
	EXISTING SIGN
	PROPOSED SIGN
	PROPOSED SIGNAL POST
NEW	SIGN PANEL TO BE FURNISHED BY OTHERS (SEE NOTE)
REL	RELOCATE SIGN PANEL ASSEMBLY, TYPE A OR B
REMAIN	SIGN PANEL TO REMAIN IN SAME LOCATION
REM	REMOVE SIGN PANEL ASSEMBLY, TYPE A OR B

DATE: _____ BY: _____

REVIEWED: _____

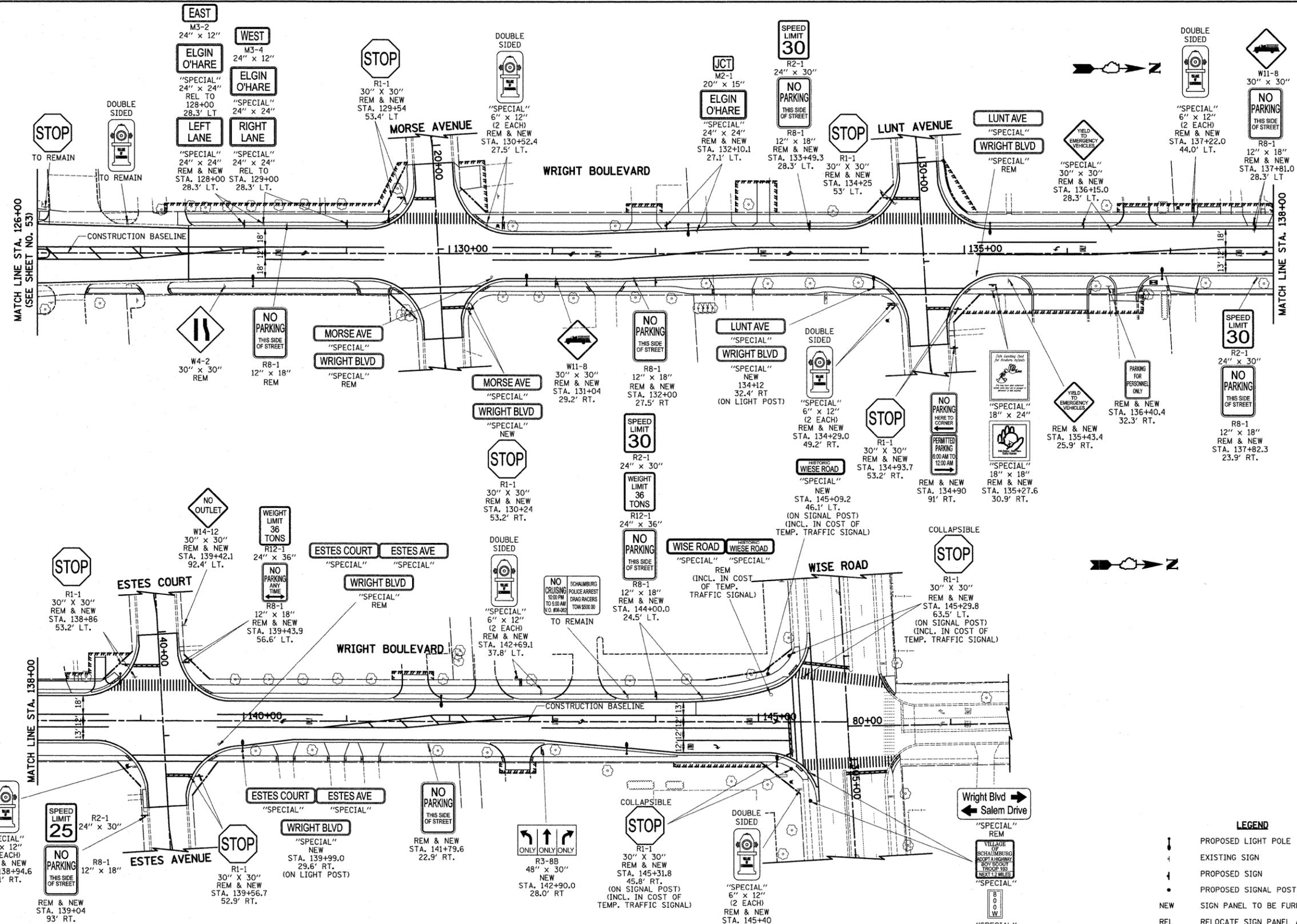
PLANNED: _____



FILE NAME = ...cad\sheets\2215_SIGNING.dgn	USER NAME = krk	DESIGNED - JAT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD SIGNING PLAN		F.A.U. R.T.E. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 67	
PLOT SCALE = 50.0000' / IN.	CHECKED - DJK	DATE - 10-16-09	REVISED -		SHEET NO. 1 OF 2 SHEETS	STA. 100+00 TO STA. 126+00	CONTRACT NO. 63378		ILLINOIS FED. AID PROJECT ARA-M-8003 (809)			

DATE	BY	REVISIONS	CHECKED	DATE
PLAN	NO. 1	DATE	BY	REVISIONS

DATE	BY	REVISIONS	CHECKED	DATE
PROFILE	NO. 1	DATE	BY	REVISIONS



NOTE

1) ALL SIGNS DESIGNATED AS "NEW" SHALL BE PROVIDED BY THE VILLAGE. THE VILLAGE SHALL ALSO PROVIDE THE REQUIRED SIGN POSTS. THE CONTRACTOR SHALL INSTALL THE SIGN POSTS AT THE LOCATIONS NOTED AND INSTALL THE SIGN PANELS ON THE SIGN SUPPORTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE VILLAGE AT LEAST 48 HOURS PRIOR TO THE TIME OF INSTALLATION TO COORDINATE PICK-UP OF THE SIGN PANELS AND SUPPORTS FROM THE VILLAGE'S PUBLIC WORKS FACILITY. THIS WORK SHALL BE PAID FOR AS "INSTALL EXISTING SIGN PANEL".

2) WHEN A SIGN THAT IS SHOWN TO REMAIN CONFLICTS WITH THE CONTRACTOR'S CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL RELOCATE THE SIGN PANEL ASSEMBLY AND POST TO A TEMPORARY LOCATION APPROVED BY THE ENGINEER. THE SIGN PANEL ASSEMBLY AND POST SHALL BE RELOCATED TO THE PERMANENT LOCATION AS SOON AS CONSTRUCTION OPERATIONS PERMIT. THIS WORK SHALL BE INCLUDED IN THE COST OF THE VARIOUS TRAFFIC CONTROL AND PROTECTION ITEMS.

3) SIGNS DESIGNATED AS "REL" SHALL BE RELOCATED BY THE CONTRACTOR. THE ENGINEER SHALL DETERMINE IF THE EXISTING POST CAN BE RE-USED IN THE PERMANENT LOCATION. IF A REPLACEMENT POST IS REQUIRED, THE VILLAGE SHALL PROVIDE THE POSTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE VILLAGE AT LEAST 48 HOURS PRIOR TO THE TIME OF INSTALLATION TO COORDINATE PICK-UP OF THE POSTS FROM THE VILLAGE'S PUBLIC WORKS FACILITY.

LEGEND

	PROPOSED LIGHT POLE
	EXISTING SIGN
	PROPOSED SIGN
	PROPOSED SIGNAL POST
	NEW SIGN PANEL TO BE FURNISHED BY OTHERS (SEE NOTE)
	REL RELOCATE SIGN PANEL ASSEMBLY, TYPE A OR B
	REMAIN SIGN PANEL TO REMAIN IN SAME LOCATION
	REM REMOVE SIGN PANEL ASSEMBLY, TYPE A OR B



FILE NAME = ...oad\shets\2215_SIGNING_02.dgn

USER NAME = krk	DESIGNED - JAT	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - JAT/CDC	REVISED -
PLOT DATE = 10/29/2009	CHECKED - DJK	REVISED -
	DATE - 10-16-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WRIGHT BOULEVARD
SIGNING PLAN**

SHEET NO. 2 OF 2 SHEETS STA. 126+00 TO STA. 146+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-0090-00-PV	COOK	137	68
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

EXISTING EQUIPMENT TO BE REMOVED LEGEND

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

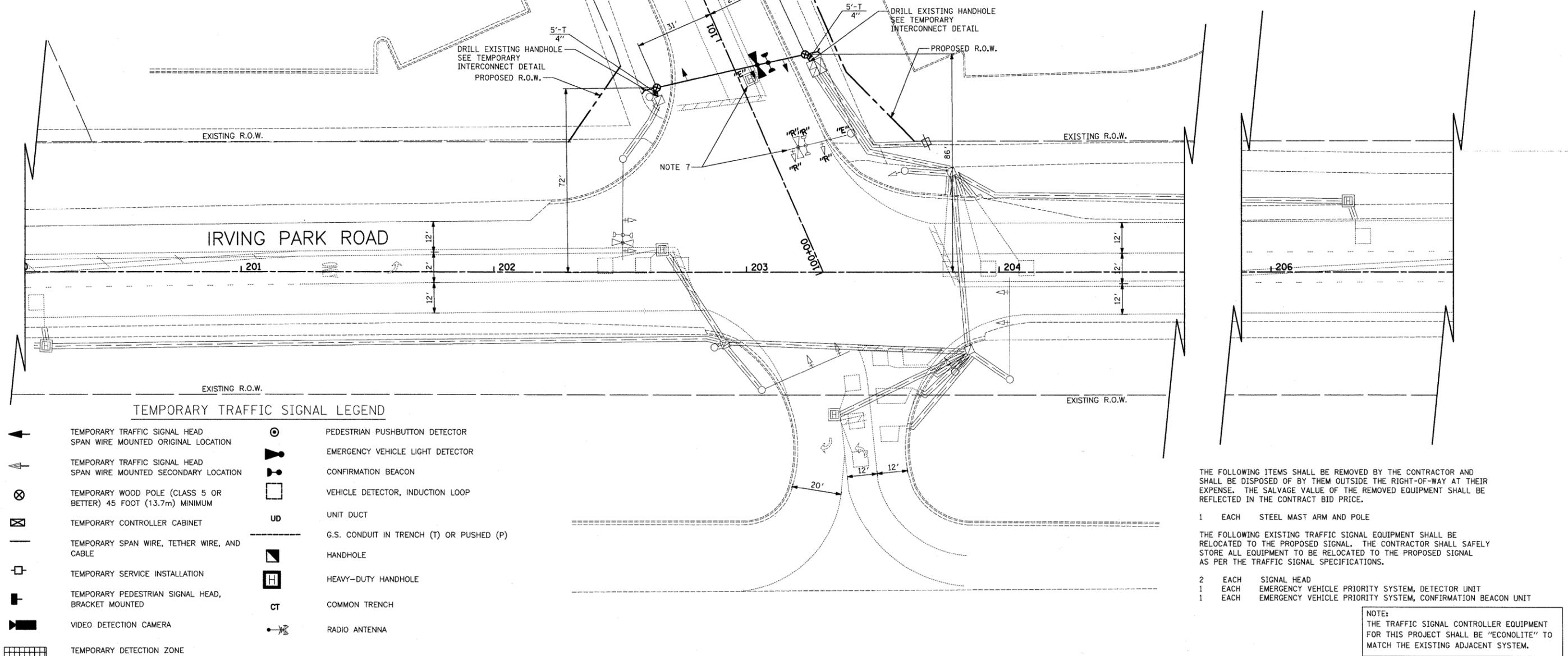
RESTORATION OF WORK AREA:
 RESTORATION OF THE WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN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

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY CCHD OR IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS, INCLUDING FOLDING STOP SIGNS, SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE, WOOD POLE, OR TEMPORARY POST AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON. IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. THE EXISTING MAST ARM ASSEMBLY AND POLE ON THE NORTHEAST CORNER AND THE HEAVY-DUTY HANDHOLE ON THE NORTH APPROACH SHALL BE REMOVED. ALL OTHER EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN.
8. TEMPORARY TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED AS SHOWN TO MAINTAIN NORTHBOUND AND WESTBOUND SIGNAL OPERATION DURING CONSTRUCTION. UPON TURN ON OF THE EXISTING SIGNAL INSTALLATION, ALL TEMPORARY EQUIPMENT SHALL BE COMPLETELY REMOVED. THIS WORK SHALL BE PAID FOR AS "TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)".

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	
	DATE	



TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
-  TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
-  TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
-  TEMPORARY CONTROLLER CABINET
-  TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
-  VIDEO DETECTION CAMERA
-  TEMPORARY DETECTION ZONE
-  PEDESTRIAN PUSHBUTTON DETECTOR
-  EMERGENCY VEHICLE LIGHT DETECTOR
-  CONFIRMATION BEACON
-  VEHICLE DETECTOR, INDUCTION LOOP
-  UNIT DUCT
-  G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
-  HANDHOLE
-  HEAVY-DUTY HANDHOLE
-  COMMON TRENCH
-  RADIO ANTENNA

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

- 1 EACH STEEL MAST ARM AND POLE
- THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RELOCATED TO THE PROPOSED SIGNAL. THE CONTRACTOR SHALL SAFELY STORE ALL EQUIPMENT TO BE RELOCATED TO THE PROPOSED SIGNAL AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.
- 2 EACH SIGNAL HEAD
- 1 EACH EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
- 1 EACH EMERGENCY VEHICLE PRIORITY SYSTEM, CONFIRMATION BEACON UNIT

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME =	USER NAME = jst	DESIGNED - BRD	REVISED -
J:\2215\road\sheets\Signal\69_ILRT19@Wright.T_Signal_Plan.dgn		DRAWN - OJT	REVISED -
PLOT SCALE = 28,0000 ft / IN.		CHECKED - JJE	REVISED -
PLOT DATE = 10/15/2009		DATE - 10-16-09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
 IL ROUTE 19 (IRVING PARK ROAD) AT WRIGHT BOULEVARD**

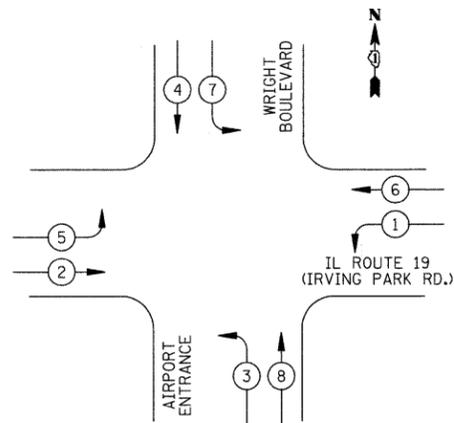
SCALE: 1" = 20' SHEET NO. 1 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	69
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT ARA-M-8003 (809)				CONTRACT NO. 63378

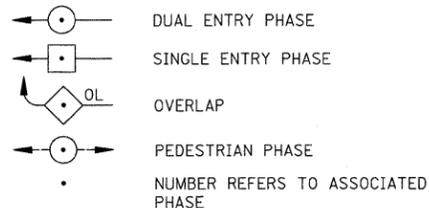
DATE	
BY	
PLAN	
NO. _____	
DATE	
BY	
PROFILE	
NO. _____	
DATE	
BY	
PROFILE	
NO. _____	

DATE	
BY	
PROFILE	
NO. _____	
DATE	
BY	
PROFILE	
NO. _____	

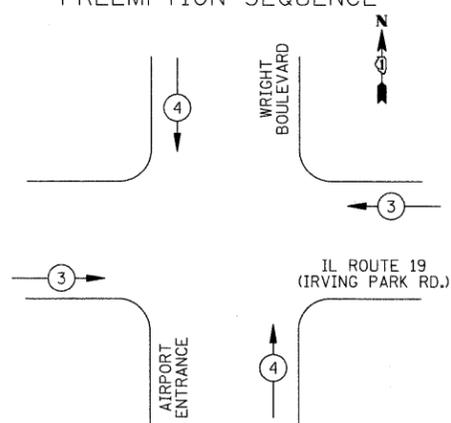
TEMPORARY CONTROLLER SEQUENCE



LEGEND



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



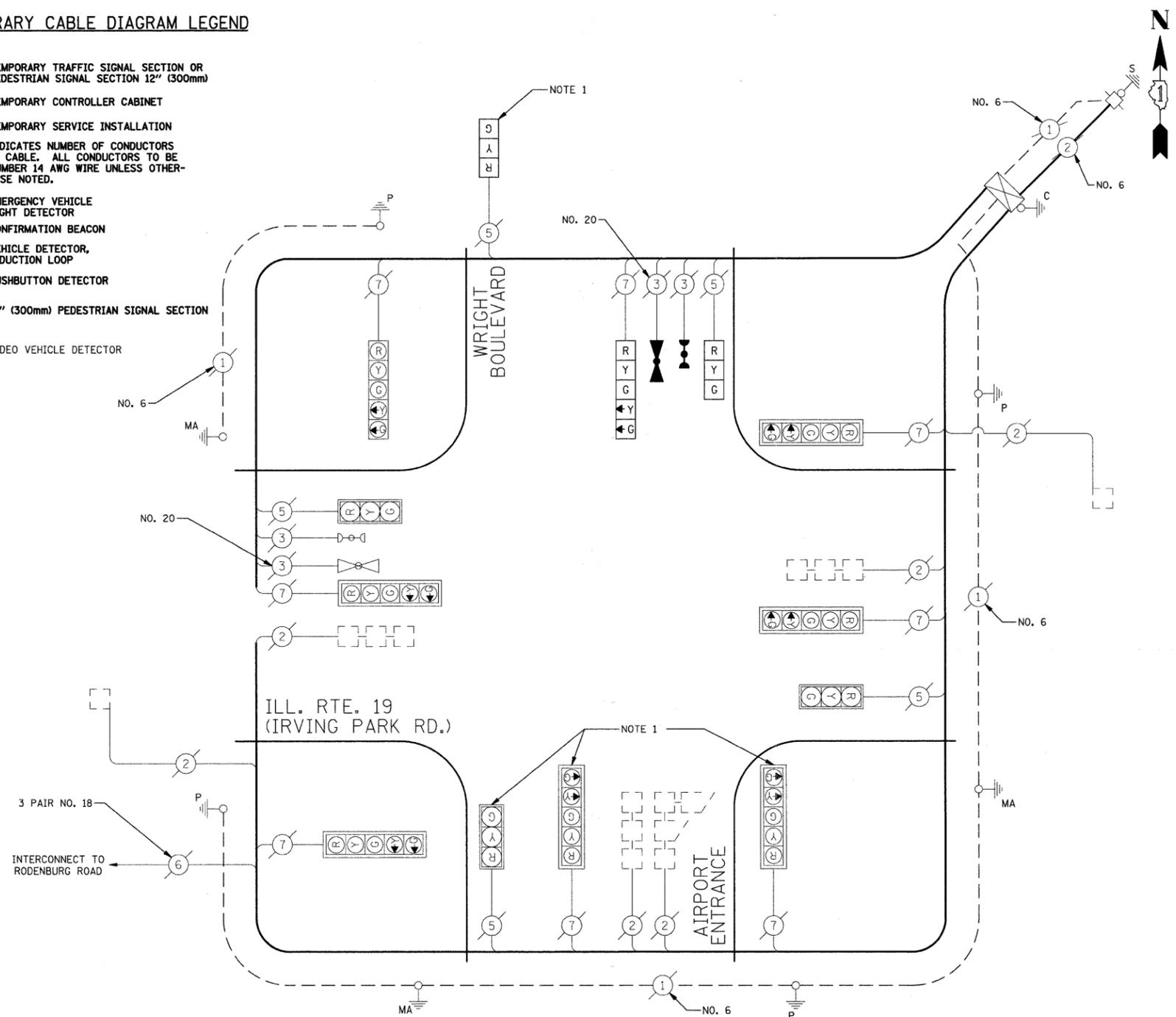
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

PHASE DESIGNATION DIAGRAM

NOTE: PHASES 3 AND 8 SHALL APPEAR AND TERMINATE SIMULTANEOUSLY THROUGHOUT THE DURATION OF THE SOUTHBOUND WRIGHT BOULEVARD CLOSURE. PHASES 4 AND 7 SHALL BE TURNED OFF.

TEMPORARY CABLE DIAGRAM LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- C TEMPORARY CONTROLLER CABINET
- S TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PUSHBUTTON DETECTOR
- P 12" (300mm) PEDESTRIAN SIGNAL SECTION
- VIDEO VEHICLE DETECTOR



TEMPORARY CABLE PLAN
NOT TO SCALE

NOTES:
1. THESE SIGNAL HEADS SHALL BE BAGGED AND PHASES 4 AND 7 DISCONNECTED THROUGHOUT THE DURATION OF THE SOUTHBOUND WRIGHT BOULEVARD CLOSURE.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	13		17	0.50	111
(YELLOW)	13		25	0.25	81
(GREEN)	13		15	0.25	49
ARROW	16		12	0.10	19
CONTROLLER	1		100	1.00	100
FLASHER					0.50
TOTAL =					360

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096
CONTACT: MARK GLOECKLE
PHONE: (630) 691-4529
COMPANY: COM ED

FILE NAME =	USER NAME = jst	DESIGNED - BRD	REVISED -
J:\2215\oad\shets\Signal\70..ILRT19@Wright	Temp_Cable_Plan&S00.dgn	DRAWN - OJT	REVISED -
	PLOT SCALE = 50,0000' / IN.	CHECKED - JJE	REVISED -
	PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN
IL ROUTE 19 (IRVING PARK ROAD) AT WRIGHT BOULEVARD

SCALE: N.T.S. SHEET NO. 2 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	70
CONTRACT NO. 63378				

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ARA-M-8003 (809)

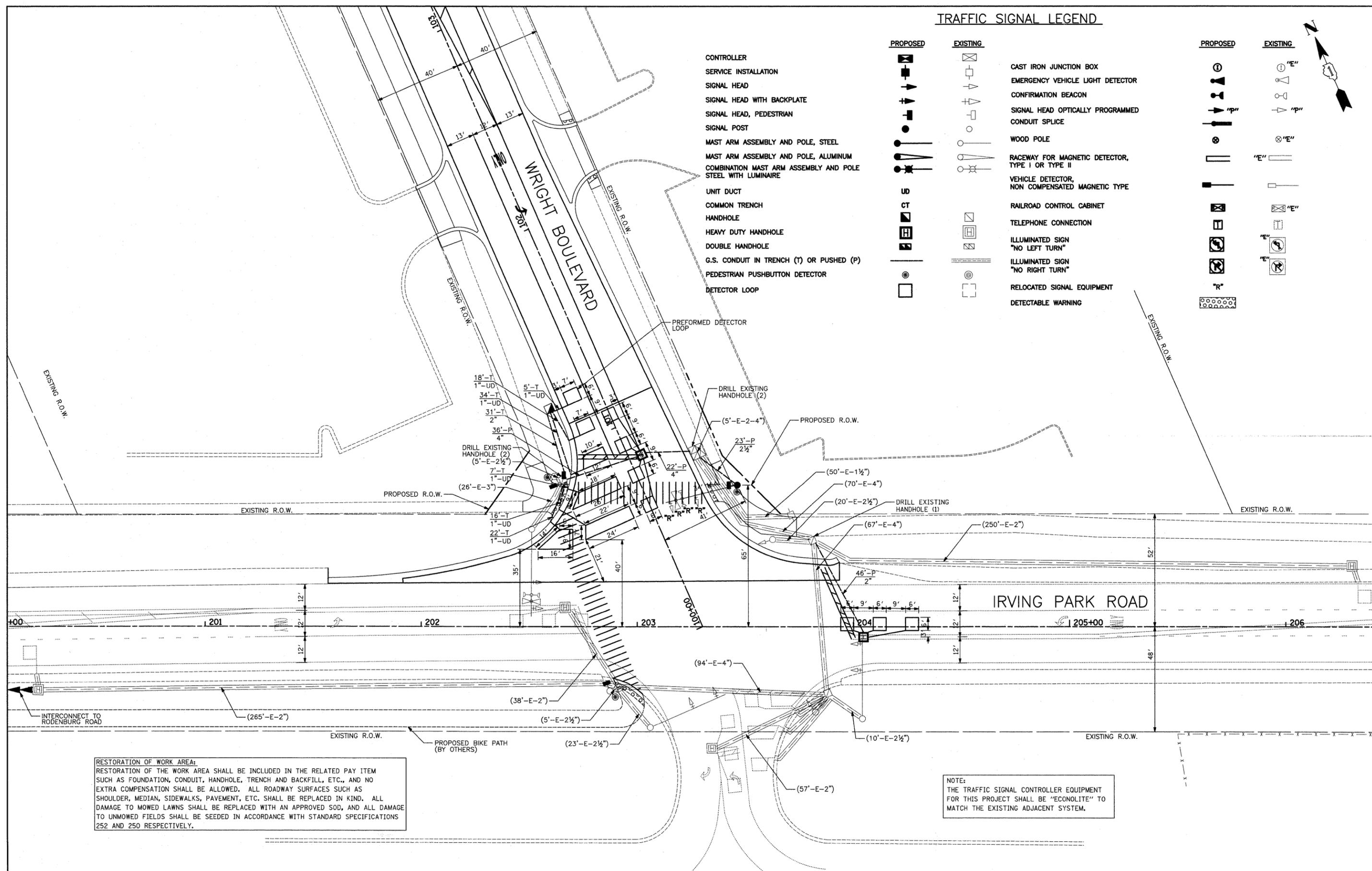
PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	FILED	
	NO. 1	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	FILED	
	NO. 1	

TRAFFIC SIGNAL LEGEND

- | | | | |
|---|--|----------|--|
| CONTROLLER | | EXISTING | |
| SERVICE INSTALLATION | | EXISTING | |
| SIGNAL HEAD | | EXISTING | |
| SIGNAL HEAD WITH BACKPLATE | | EXISTING | |
| SIGNAL HEAD, PEDESTRIAN | | EXISTING | |
| SIGNAL POST | | EXISTING | |
| MAST ARM ASSEMBLY AND POLE, STEEL | | EXISTING | |
| MAST ARM ASSEMBLY AND POLE, ALUMINUM | | EXISTING | |
| COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH LUMINAIRE | | EXISTING | |
| UNIT DUCT | | EXISTING | |
| COMMON TRENCH | | EXISTING | |
| HANDHOLE | | EXISTING | |
| HEAVY DUTY HANDHOLE | | EXISTING | |
| DOUBLE HANDHOLE | | EXISTING | |
| G.S. CONDUIT IN TRENCH (T) OR PUSHED (P) | | EXISTING | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | EXISTING | |
| DETECTOR LOOP | | EXISTING | |
| | | EXISTING | |

- | | | | |
|----------|--|----------|--|
| PROPOSED | | EXISTING | |



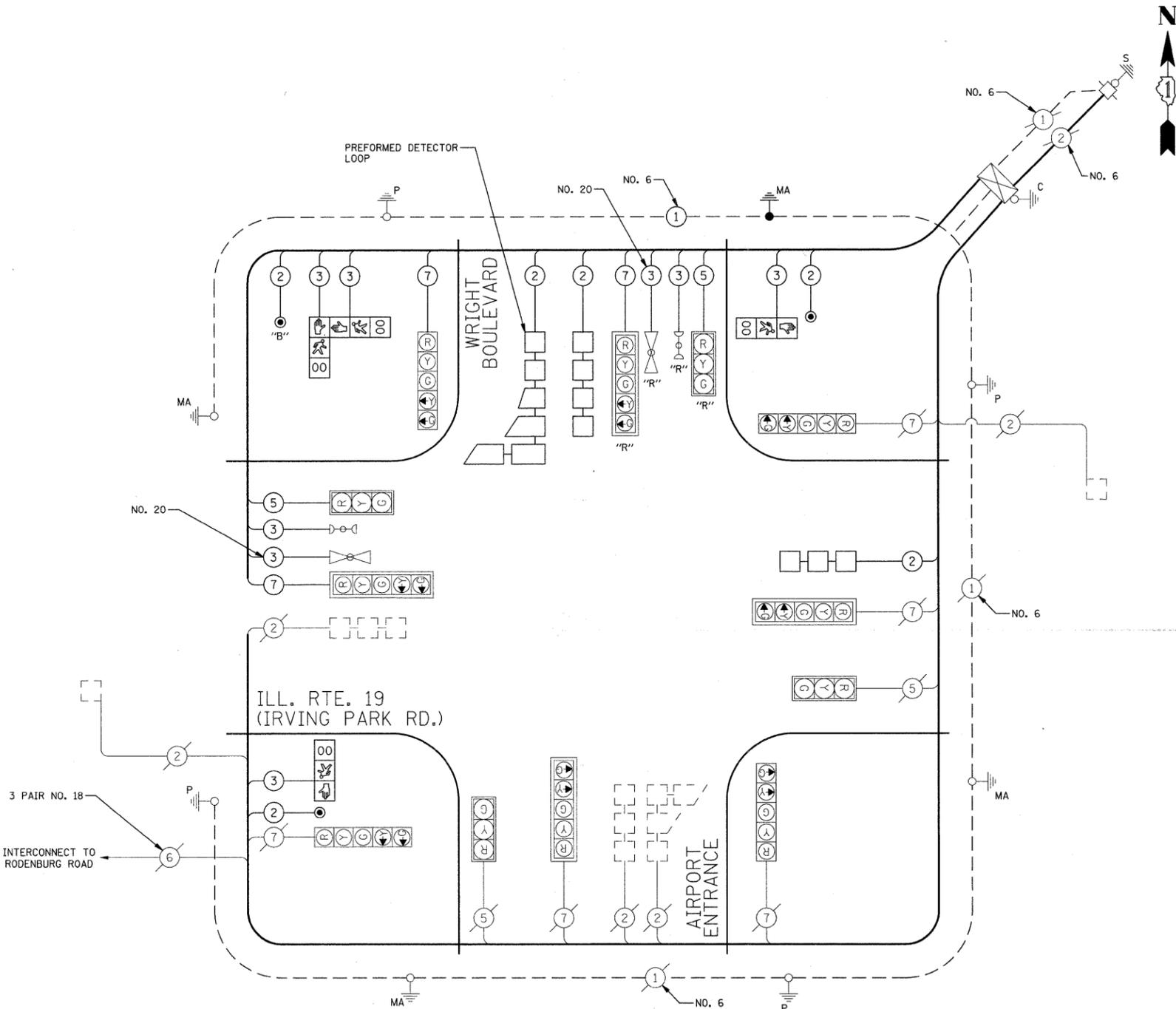
RESTORATION OF WORK AREA:
 RESTORATION OF THE WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN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

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = J:\2215\cad\sheet\Signal\71.ILRT19@Wright	USER NAME = jst	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN IL ROUTE 19 (IRVING PARK ROAD) AT WRIGHT BOULEVARD	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 71	
PLOT SCALE = 28,0000 ft / IN.	DRAWN - OJT	CHECKED - JJE	REVISED -			CONTRACT NO. 63378					
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -	REVISED -			SCALE: 1" = 20' SHEET NO. 3 OF 25 SHEETS					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)											

CABLE PLAN LEGEND

- EXISTING PROPOSED
- 8" (200mm) TRAFFIC SIGNAL SECTION
 - 12" (300mm) TRAFFIC SIGNAL SECTION
 - 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - 16" X 18" PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER
 - CONTROLLER CABINET
 - SERVICE INSTALLATION
 - TELEPHONE CONNECTION
 - MAGNETIC DETECTOR
 - EMERGENCY VEHICLE LIGHT DETECTOR
 - CONFIRMATION BEACON
 - PUSHBUTTON DETECTOR
 - VEHICLE DETECTOR, INDUCTION LOOP
 - DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
 - MICROWAVE VEHICLE SENSOR
 - SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD
 - RAILROAD CONTROL CABINET
 - ILLUMINATED SIGN "NO LEFT TURN"
 - ILLUMINATED SIGN "NO RIGHT TURN"
 - GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).
 - GROUND ROD AT POST (P), OR MAST ARM POLE (MA).
 - GROUND ROD AT ELECTRIC SERVICE INSTALLATION
 - GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
 - "R" RELOCATED SIGNAL EQUIPMENT



CABLE PLAN NOT TO SCALE

NOTE: PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	12	17		0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	16		12	0.10	19
PED. SIGNAL	4		25	1.00	100
CONTROLLER	1		100	1.00	100
TOTAL =					441

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (2.0)
D- CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2=
E- M. ARM POLE		SIGNAL POST	2 (1.0)	(6m+L-0.6m)=	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196-1096
 CONTACT: MARK GLOECKLE
 PHONE: (630) 691-4529
 COMPANY: COM ED

FILE NAME =	USER NAME = jst	DESIGNED - BRD	REVISED -
J:\2215\cad\sheet\Signal\72_ILRT190\Wright_Cable_Plan.dgn		DRAWN - OJT	REVISED -
PLOT SCALE = 50,0000 ' / IN.		CHECKED - JJE	REVISED -
PLOT DATE = 10/15/2009		DATE - 10-16-09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

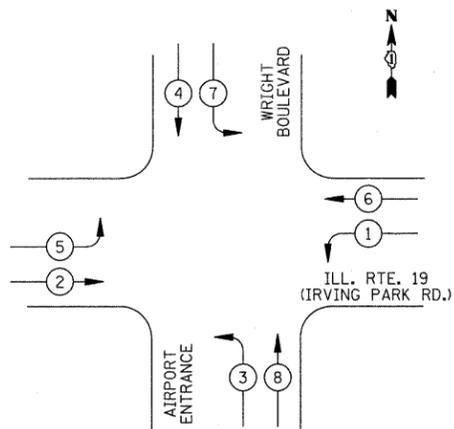
CABLE PLAN
 IL ROUTE 19 (IRVING PARK ROAD) AT WRIGHT BOULEVARD
 SCALE: N.T.S. SHEET NO. 4 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	72
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PROFILE	
NO.	

EXISTING CONTROLLER SEQUENCE

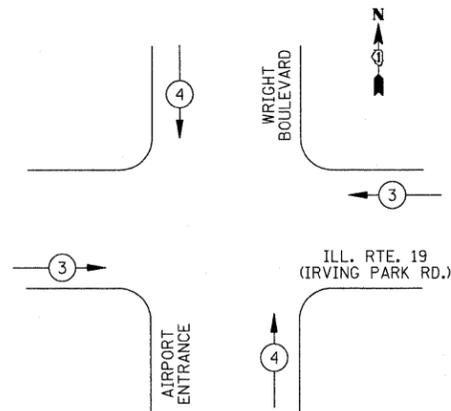


LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

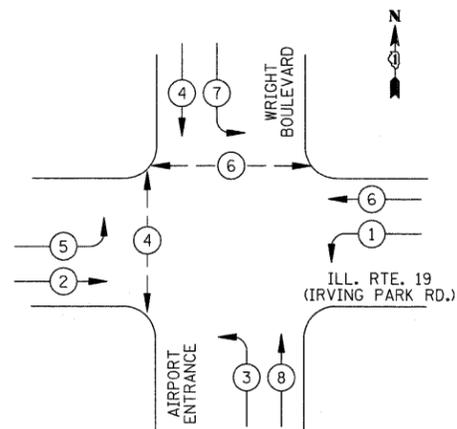
PHASE DESIGNATION DIAGRAM

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT		

PROPOSED CONTROLLER SEQUENCE



LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	31
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	46
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	23
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	58
HANDHOLE	EACH	1
HEAVY-DUTY HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	451
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	865
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	262
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	405
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	296
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15
DRILL EXISTING HANDHOLE	EACH	4
PEDESTRIAN SIGNAL HEAD, L.E.D, 1-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, L.E.D, 2-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER	EACH	1
DETECTOR LOOP, TYPE I	FOOT	517
PEDESTRIAN PUSH-BUTTON	EACH	3
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1376
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
PREFORMED DETECTOR LOOP	FOOT	29
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	2
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	133
ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED	FOOT	282

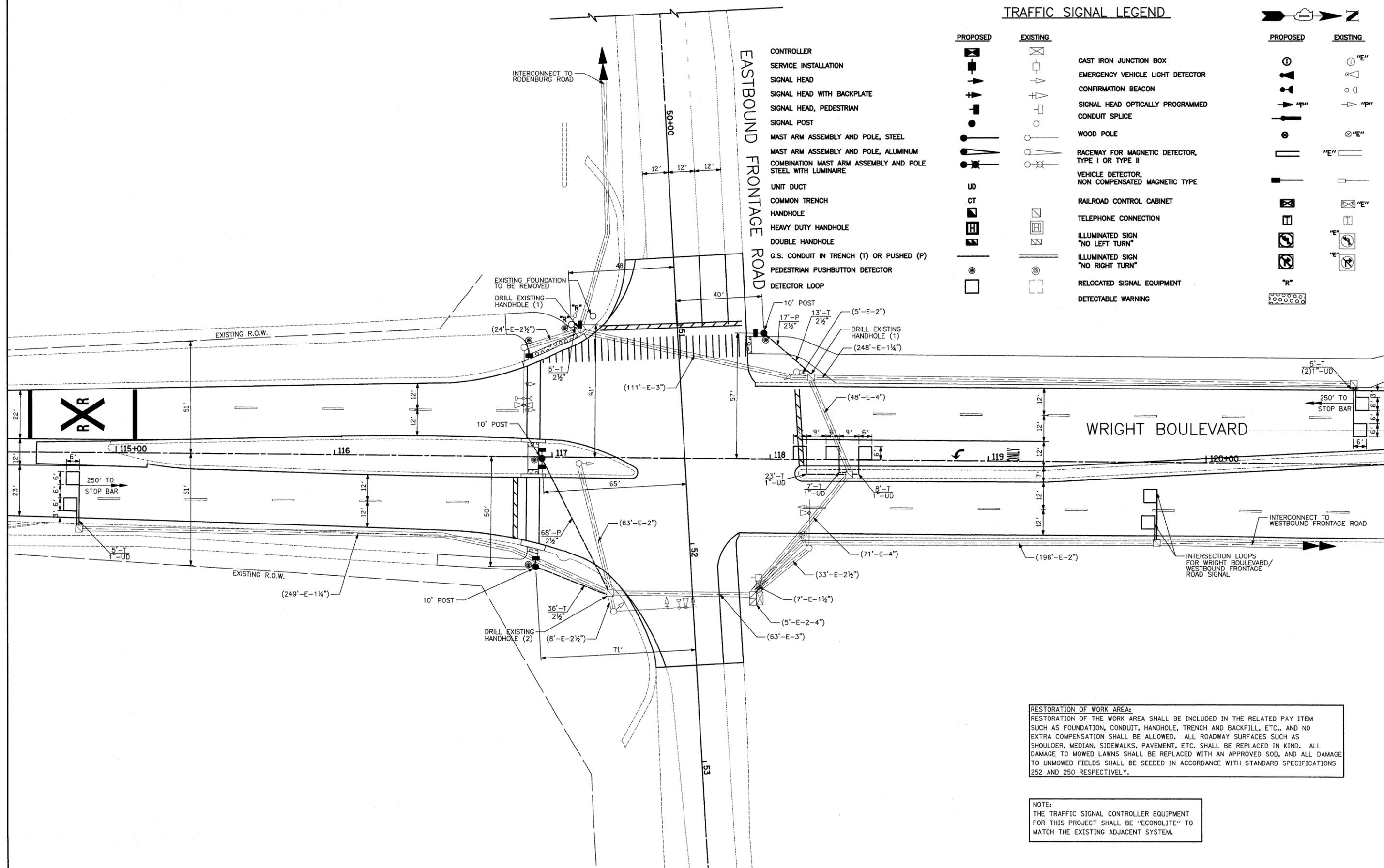
NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	ASSEMBLED	
	FILED	
	FILE NAME	
NOTE BOOK		
NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	ASSEMBLED	
	FILED	
	FILE NAME	
NOTE BOOK		
NO.		

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING		PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]	[Symbol] "E"
SERVICE INSTALLATION	[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]	CONFIRMATION BEACON	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol] "P"
SIGNAL HEAD, PEDESTRIAN	[Symbol]	[Symbol]	CONDUIT SPLICE	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]	WOOD POLE	[Symbol]	[Symbol] "E"
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]	[Symbol] "E"
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH LUMINAIRE	[Symbol]	[Symbol]	RAILROAD CONTROL CABINET	[Symbol]	[Symbol] "E"
UNIT DUCT	[Symbol]	[Symbol]	TELEPHONE CONNECTION	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"	[Symbol]	[Symbol] "E"
HANDHOLE	[Symbol]	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"	[Symbol]	[Symbol] "E"
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]	RELOCATED SIGNAL EQUIPMENT	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]	DETECTABLE WARNING	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]			
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]			
DETECTOR LOOP	[Symbol]	[Symbol]			

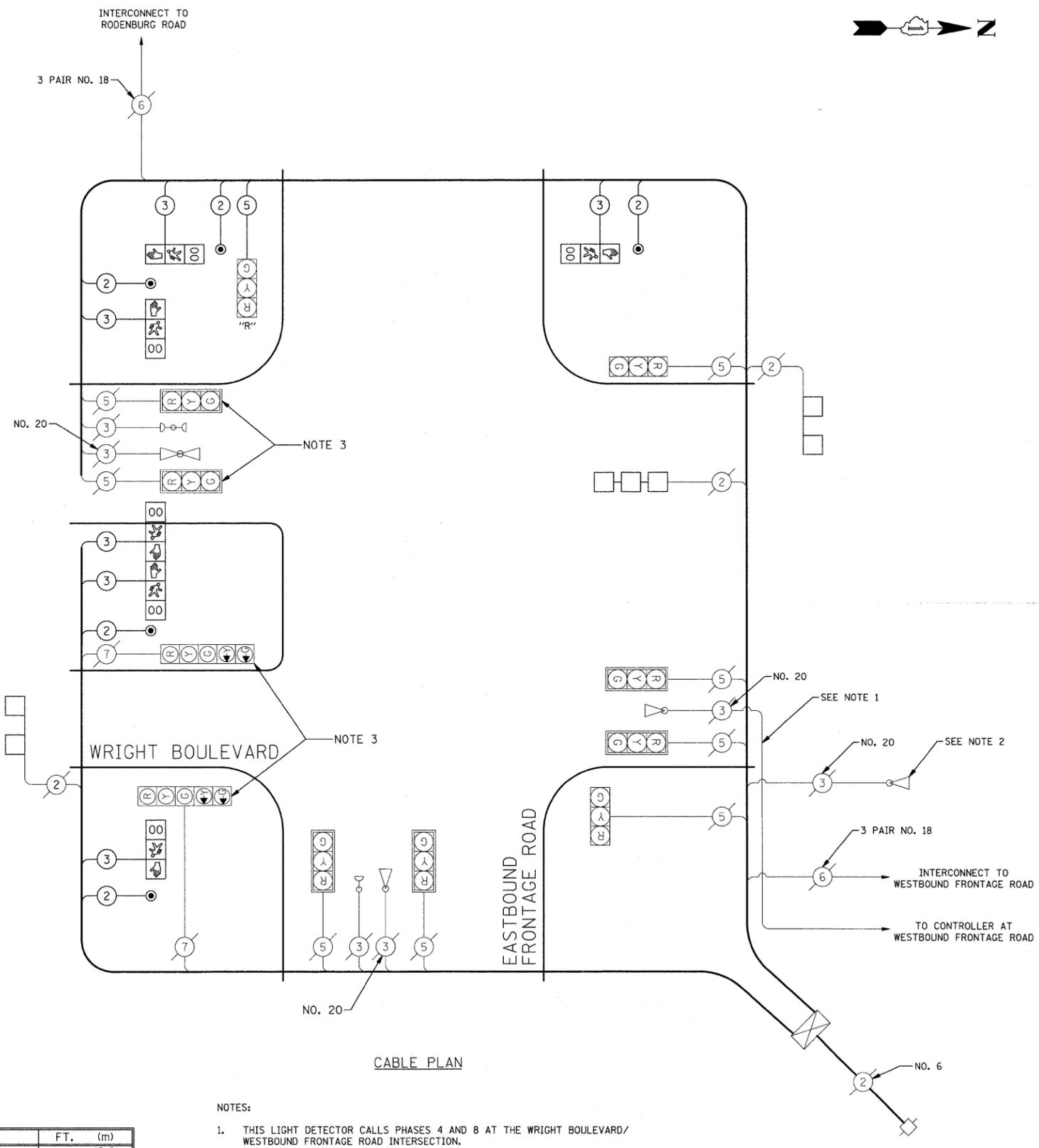


RESTORATION OF WORK AREA:
 RESTORATION OF THE WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN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

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CABLE PLAN LEGEND

- | | | |
|-----------------|-----------------|---|
| EXISTING | PROPOSED | |
| | | 8" (200mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| | | 16" X 18" PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER |
| | | CONTROLLER CABINET |
| | | SERVICE INSTALLATION |
| | | TELEPHONE CONNECTION |
| | | MAGNETIC DETECTOR |
| | | EMERGENCY VEHICLE LIGHT DETECTOR |
| | | CONFIRMATION BEACON |
| | | PUSHBUTTON DETECTOR |
| | | VEHICLE DETECTOR, INDUCTION LOOP |
| | | MICROWAVE VEHICLE SENSOR |
| | | SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD |
| | | RAILROAD CONTROL CABINET |
| | | ILLUMINATED SIGN "NO LEFT TURN" |
| | | ILLUMINATED SIGN "NO RIGHT TURN" |
| | | GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C). |
| | | GROUND ROD AT POST (P), OR MAST ARM POLE (MA). |
| | | GROUND ROD AT ELECTRIC SERVICE INSTALLATION |
| | | GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) |
| | | "R" RELOCATED SIGNAL EQUIPMENT |



CABLE PLAN

- NOTES:
- THIS LIGHT DETECTOR CALLS PHASES 4 AND 8 AT THE WRIGHT BOULEVARD/WESTBOUND FRONTAGE ROAD INTERSECTION.
 - THIS LIGHT DETECTOR IS MOUNTED ON THE SOUTHBOUND MAST ARM AT THE WRIGHT BOULEVARD/WESTBOUND FRONTAGE ROAD INTERSECTION, AND CALLS PHASES 4 AND 8 AT THIS INTERSECTION.
 - THESE SIGNAL HEADS SHALL BE BAGGED AND PHASES 4 AND 7 DISCONNECTED THROUGHOUT THE DURATION OF THE SOUTHBOUND WRIGHT BOULEVARD CLOSURE.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	11	17		0.50	94
(YELLOW)	11		25	0.25	69
(GREEN)	11		15	0.25	41
ARROW	4		12	0.10	5
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1		100	1.00	100
TOTAL =					459

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096
CONTACT: MARK GLOECKLE
PHONE: (630) 691-4529
COMPANY: COM ED

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (2.0)
D- CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E- M. ARM POLE		SIGNAL POST	2 (1.0)	(6m+L-0.6m)=	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

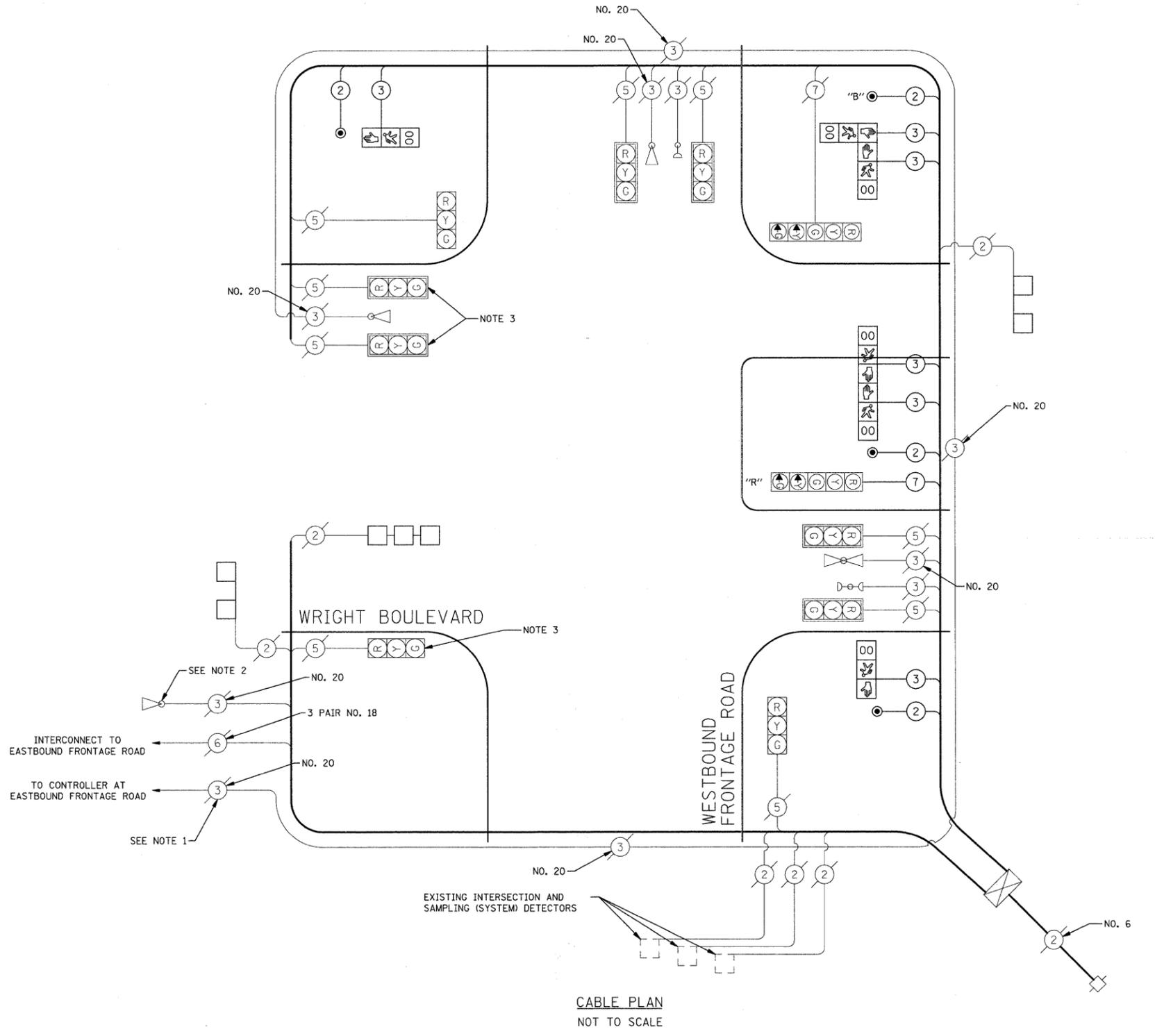
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

NOTES:

- THIS LIGHT DETECTOR CALLS PHASES 4 AND 8 AT THE WRIGHT BOULEVARD/EASTBOUND FRONTAGE ROAD INTERSECTION.
- THIS LIGHT DETECTOR IS MOUNTED ON THE NORTHBOUND MAST ARM AT THE WRIGHT BOULEVARD/EASTBOUND FRONTAGE ROAD INTERSECTION, AND CALLS PHASES 4 AND 8 AT THIS INTERSECTION.
- THESE SIGNAL HEADS SHALL BE BAGGED AND PHASE 4 DISCONNECTED THROUGHOUT THE DURATION OF THE SOUTHBOUND WRIGHT BOULEVARD CLOSURE.

CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		16" X 18" PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE CONNECTION
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		VEHICLE DETECTOR, INDUCTION LOOP
		MICROWAVE VEHICLE SENSOR
		SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD
		RAILROAD CONTROL CABINET
		ILLUMINATED SIGN "NO LEFT TURN"
		ILLUMINATED SIGN "NO RIGHT TURN"
		GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).
		GROUND ROD AT POST (P), OR MAST ARM POLE (MA).
		GROUND ROD AT ELECTRIC SERVICE INSTALLATION
		GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		"R" RELOCATED SIGNAL EQUIPMENT



CABLE PLAN
NOT TO SCALE

NOTE:
PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

DATE	
BY	
PLAN	
NO.	

DATE	
BY	
PROFILE	
NO.	

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	11	17		0.50	94
(YELLOW)	11		25	0.25	69
(GREEN)	11		15	0.25	41
ARROW	4		12	0.10	5
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1		100	1.00	100
TOTAL =					459

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096
CONTACT: MARK GLOECKLE
PHONE: (630) 691-4529
COMPANY: COM ED

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (2.0)
D- CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'= (6m+L-0.6m)=
E- M. ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

FILE NAME =	USER NAME = jst	DESIGNED - BRD	REVISED -
J:\2215\cad\sheets\Signals\78-WB-Frontage	ght.Cable Plan.dgn	DRAWN - OJT	REVISED -
		CHECKED - JJE	REVISED -
		DATE - 10-16-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
WRIGHT BOULEVARD AT WESTBOUND FRONTAGE ROAD

SCALE: N.T.S. SHEET NO. 10 OF 25 SHEETS

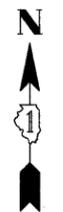
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	78
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY CCHD OR IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS, INCLUDING FOLDING STOP SIGNS, SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE, WOOD POLE, OR TEMPORARY POST AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL. AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- ALL VIDEO DETECTION ZONES ARE TO BE REDEFINED DURING EACH STAGE OF CONSTRUCTION AND ARE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- ALL TEMPORARY TRAFFIC SIGNAL SECTIONS NOT IN USE DURING A STAGE OF CONSTRUCTION SHALL BE BAGGED AND DEACTIVATED. ALL PERMANENT TRAFFIC SIGNAL SECTIONS SHALL BE BAGGED OR REMOVED WHILE THE TEMPORARY TRAFFIC SIGNAL IS IN OPERATION.
- IF TEMPORARY TRAFFIC SIGNALS ARE IN CONFLICT WITH THE PERMANENT TRAFFIC SIGNALS, THE MAST ARMS SHALL BE ROTATED OR REMOVED AND STORED OUTSIDE OF R.O.W. AND WILL BE THE CONTRACTOR'S RESPONSIBILITY TO KEEP EQUIPMENT SAFE. THIS IS INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.

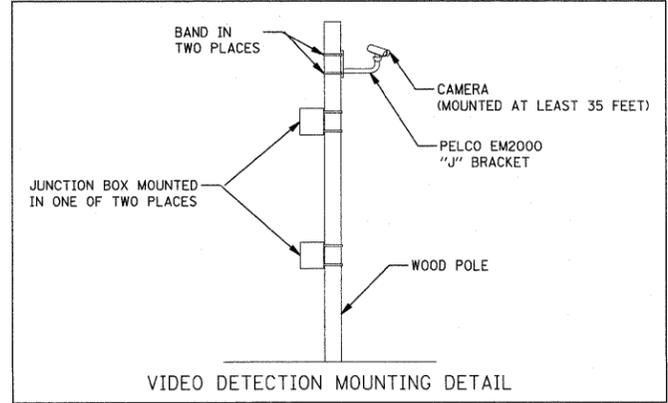
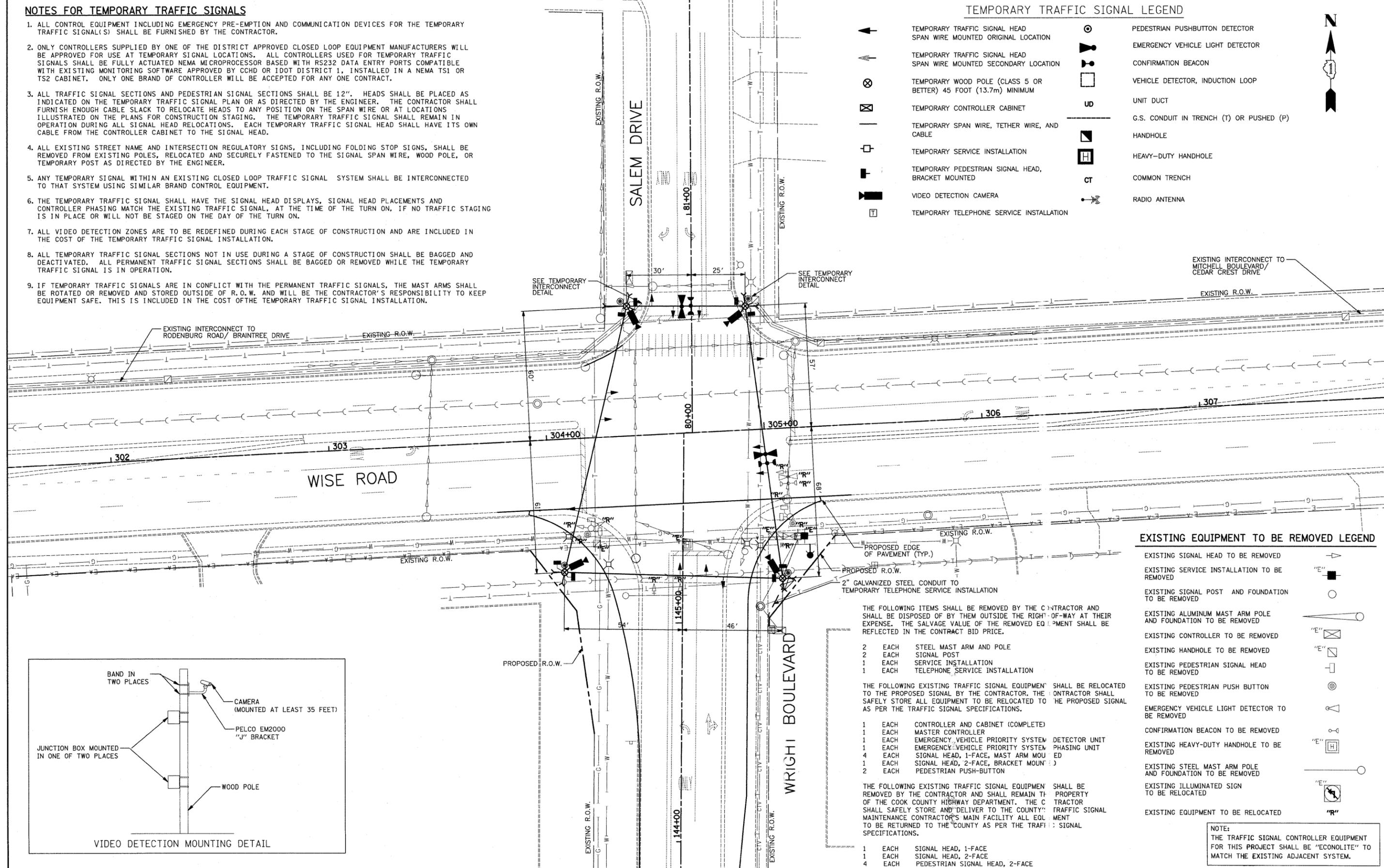
TEMPORARY TRAFFIC SIGNAL LEGEND

- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- Ⓜ VIDEO DETECTION CAMERA
- ☐ TEMPORARY TELEPHONE SERVICE INSTALLATION
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- Ⓜ EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- HANDHOLE
- HEAVY-DUTY HANDHOLE
- CT COMMON TRENCH
- Ⓜ RADIO ANTENNA



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	



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

- 2 EACH STEEL MAST ARM AND POLE
- 2 EACH SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 1 EACH TELEPHONE SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RELOCATED TO THE PROPOSED SIGNAL BY THE CONTRACTOR. THE CONTRACTOR SHALL SAFELY STORE ALL EQUIPMENT TO BE RELOCATED TO THE PROPOSED SIGNAL AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 1 EACH MASTER CONTROLLER
- 1 EACH EMERGENCY VEHICLE PRIORITY SYSTEM DETECTOR UNIT
- 1 EACH EMERGENCY VEHICLE PRIORITY SYSTEM PHASING UNIT
- 4 EACH SIGNAL HEAD, 1-FACE, MAST ARM MOUNTED
- 1 EACH SIGNAL HEAD, 2-FACE, BRACKET MOUNTED
- 2 EACH PEDESTRIAN PUSH-BUTTON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE COOK COUNTY HIGHWAY DEPARTMENT. THE CONTRACTOR SHALL SAFELY STORE AND DELIVER TO THE COUNTY MAINTENANCE CONTRACTOR'S MAIN FACILITY ALL EQUIPMENT TO BE RETURNED TO THE COUNTY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH SIGNAL HEAD, 1-FACE
- 1 EACH SIGNAL HEAD, 2-FACE
- 4 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE

EXISTING EQUIPMENT TO BE REMOVED LEGEND

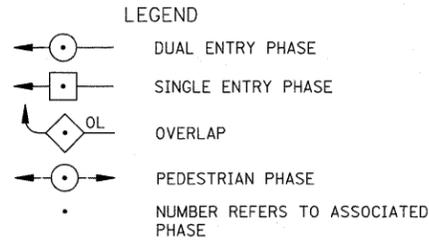
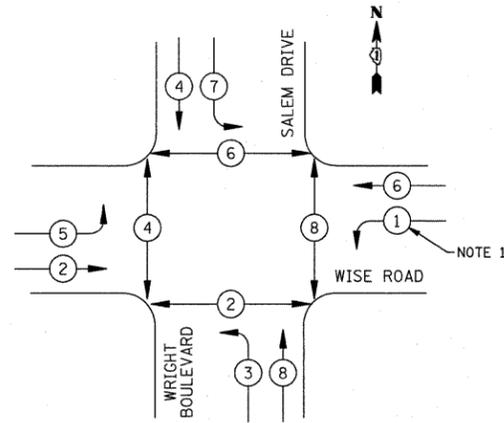
- ▶ EXISTING SIGNAL HEAD TO BE REMOVED
- "E" EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ▶ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊠ "E" EXISTING CONTROLLER TO BE REMOVED
- ⊠ "E" EXISTING HANDHOLE TO BE REMOVED
- ▶ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH BUTTON TO BE REMOVED
- ▶ EXISTING EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- EXISTING CONFIRMATION BEACON TO BE REMOVED
- ⊠ "E" EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- ▶ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ▶ EXISTING ILLUMINATED SIGN TO BE RELOCATED
- ▶ EXISTING EQUIPMENT TO BE RELOCATED

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

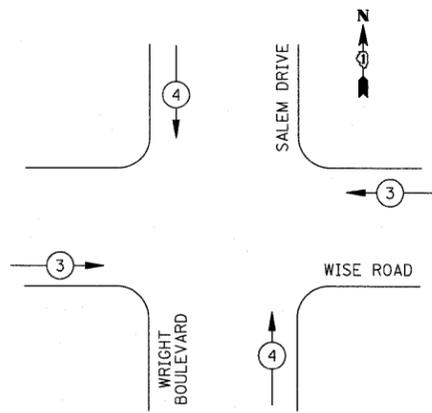
DATE	
BY	
REVIEWED	
PLOTTED	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
REVIEWED	
PLOTTED	
NOTE BOOK	
NO.	
FILE NAME	

TEMPORARY CONTROLLER SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

TEMPORARY CABLE DIAGRAM LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- [X] TEMPORARY CONTROLLER CABINET
- [] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- [] EMERGENCY VEHICLE LIGHT DETECTOR
- [] CONFIRMATION BEACON
- [] VEHICLE DETECTOR, INDUCTION LOOP
- [] PUSHBUTTON DETECTOR
- [] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [] VIDEO VEHICLE DETECTOR
- [T] TEMPORARY TELEPHONE SERVICE INSTALLATION

PHASE DESIGNATION DIAGRAM

ESTIMATED BILL OF MATERIALS

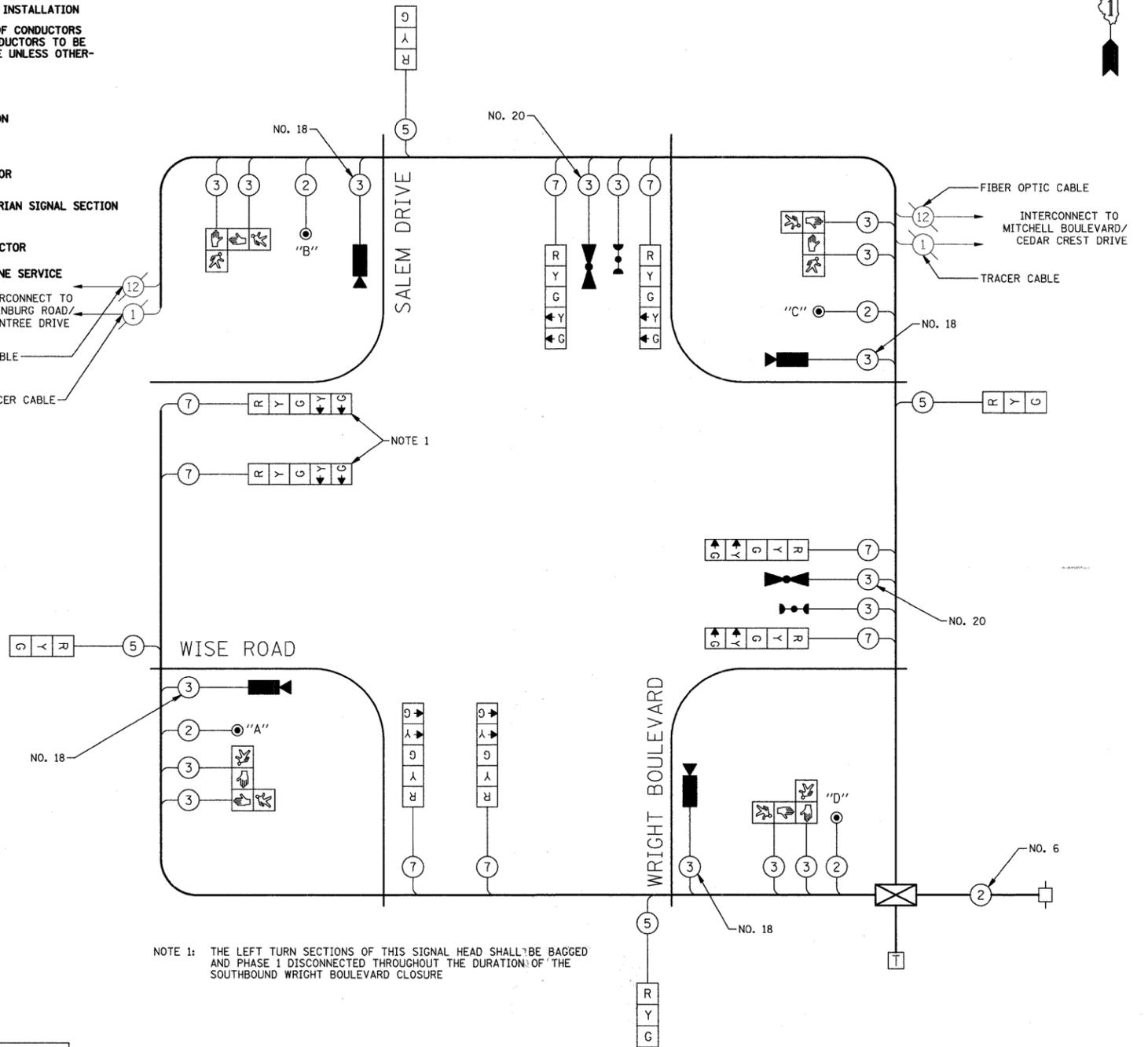
PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	23
TEMPORARY WOOD POLE (CLASS 5 OR BETTER), 45 FOOT MINIMUM	EACH	4
FULL-ACTUATED CONTROLLER AND TEMPORARY CABINET	EACH	1
MASTER CONTROLLER	EACH	1
SPAN WIRE	FOOT	474
TETHER WIRE	FOOT	445
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 2C	FOOT	649
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	1676
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	774
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 7C	FOOT	1550
ELECTRIC CABLE AERIAL SUSPENDED, COMMUNICATION, NO. 18 3C	FOOT	649
ELECTRIC CABLE AERIAL SUSPENDED, SERVICE, NO. 6 2C	FOOT	60
ELECTRIC CABLE AERIAL SUSPENDED, NO. 20 3C, TWISTED, SHIELDED	FOOT	378
DRILL EXISTING HANDHOLE	EACH	2
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	4
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, SPAN WIRE MOUNTED	EACH	8
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	226
VIDEO DETECTION SYSTEM (COMPLETE INTERSECTION)	EACH	1
SERVICE INSTALLATION, POLE MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED	EACH	4
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TELEPHONE SERVICE INSTALLATION	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	12		17	0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	8		12	0.10	10
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
TOTAL =					532

ENERGY COSTS TO: COOK COUNTY HIGHWAY DEPARTMENT
69 WEST WASHINGTON STREET
CHICAGO, IL 60602
CONTACT: MARK GLOECKLE
PHONE: (630) 691-4529
COMPANY: COM ED

TEMPORARY RADIO INTERCONNECT MAY BE USED ON THIS PROJECT AS SHOWN IN THE PLANS. RADIO ANTENNAS SHOULD BE INSTALLED ON THE WOOD POLE ADJACENT TO THE TEMPORARY CONTROLLER, ON THE SOUTHEAST MAST ARM AT THE INTERSECTION OF WISE ROAD AND RODENBURG ROAD/BRAINTREE DRIVE, AND ON THE SOUTHWEST MAST ARM AT THE INTERSECTION OF WISE ROAD AND MITCHELL BOULEVARD/CEDARCREST DRIVE. ALL WORK RELATED TO INSTALLATION AND ENSURING PROPER OPERATION OF THE TEMPORARY INTERCONNECT SHALL BE INCIDENTAL TO THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (2.0)
D- CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E- M. ARM POLE		SIGNAL POST	2 (1.0)		6m+L-0.6m
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)



NOTE 1: THE LEFT TURN SECTIONS OF THIS SIGNAL HEAD SHALL BE BAGGED AND PHASE 1 DISCONNECTED THROUGHOUT THE DURATION OF THE SOUTHBOUND WRIGHT BOULEVARD CLOSURE

TEMPORARY CABLE PLAN
NOT TO SCALE

NOTE:
PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.
PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME =	USER NAME = djk	DESIGNED - BRD	REVISED -
...\\81.Wise.Rd\Wright.Temp.Cable.Plan&S00.dgn		DRAWN - OJT	REVISED -
		CHECKED - JJE	REVISED -
		DATE - 10-16-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

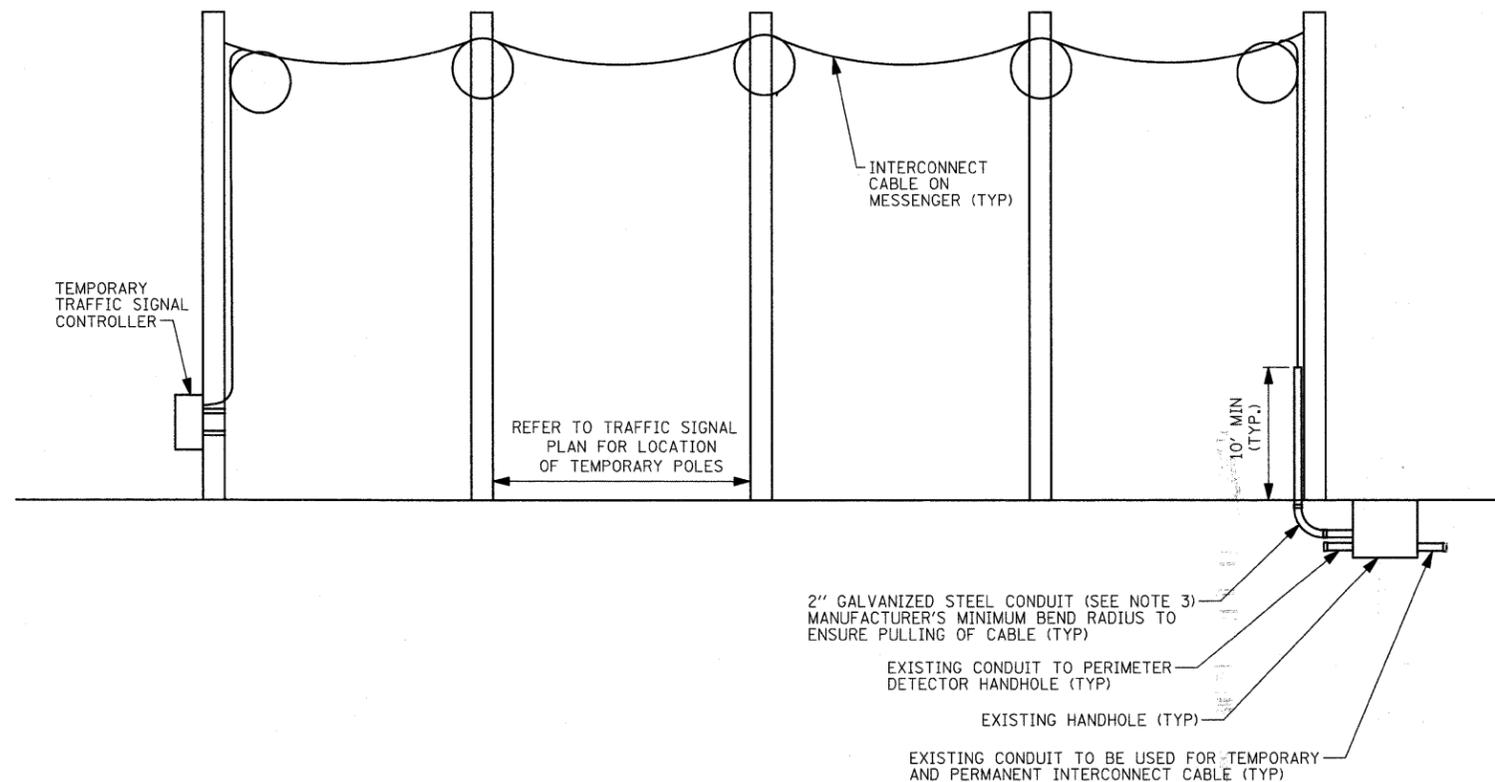
TEMPORARY CABLE PLAN
WISE ROAD AT WRIGHT BOULEVARD/SALEM DRIVE

SCALE: N.T.S. SHEET NO. 13 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	81
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-6003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	DESIGNED	
	CHECKED	
	IN CHARGE	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	DESIGNED	
	CHECKED	
	IN CHARGE	
	FILE NAME	
	NO.	



AERIALLY SUPPORTED INTERCONNECT CABLE
(NOT TO SCALE)

- 1) TRANSFER OF EXISTING TO TEMPORARY INTERCONNECT CABLE AND TEMPORARY INTERCONNECT CABLE TO PROPOSED MUST BE COMPLETED IN ONE (1) WORKING DAY DURING NON-PEAK HOURS OR AS DIRECTED BY THE ENGINEER.
- 2) AFTER PROPOSED INTERCONNECT IS TURNED ON, THE EXISTING INTERCONNECT CABLE SHALL BE REMOVED.
- 3) THE 2" CONDUIT USED FOR THE TEMPORARY INTERCONNECT CABLE SHALL BE REMOVED TO BELOW THE GROUND LEVEL AND CAPPED AT THE TIME THE TEMPORARY TRAFFIC SIGNAL IS REMOVED. THE CONDUIT, AS WELL AS ALL WORK ASSOCIATED WITH THE INSTALLATION AND REMOVAL OF IT, SHALL BE INCLUDED IN THE PAY ITEM, "TEMPORARY TRAFFIC SIGNAL SYSTEM".
- 4) CONTRACTOR MUST NOTIFY CCHD DESIGN ENGINEER AT (312) 603-1730 A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO THE START OF ANY WORK ON THE INTERCONNECT SIGNAL SYSTEM.

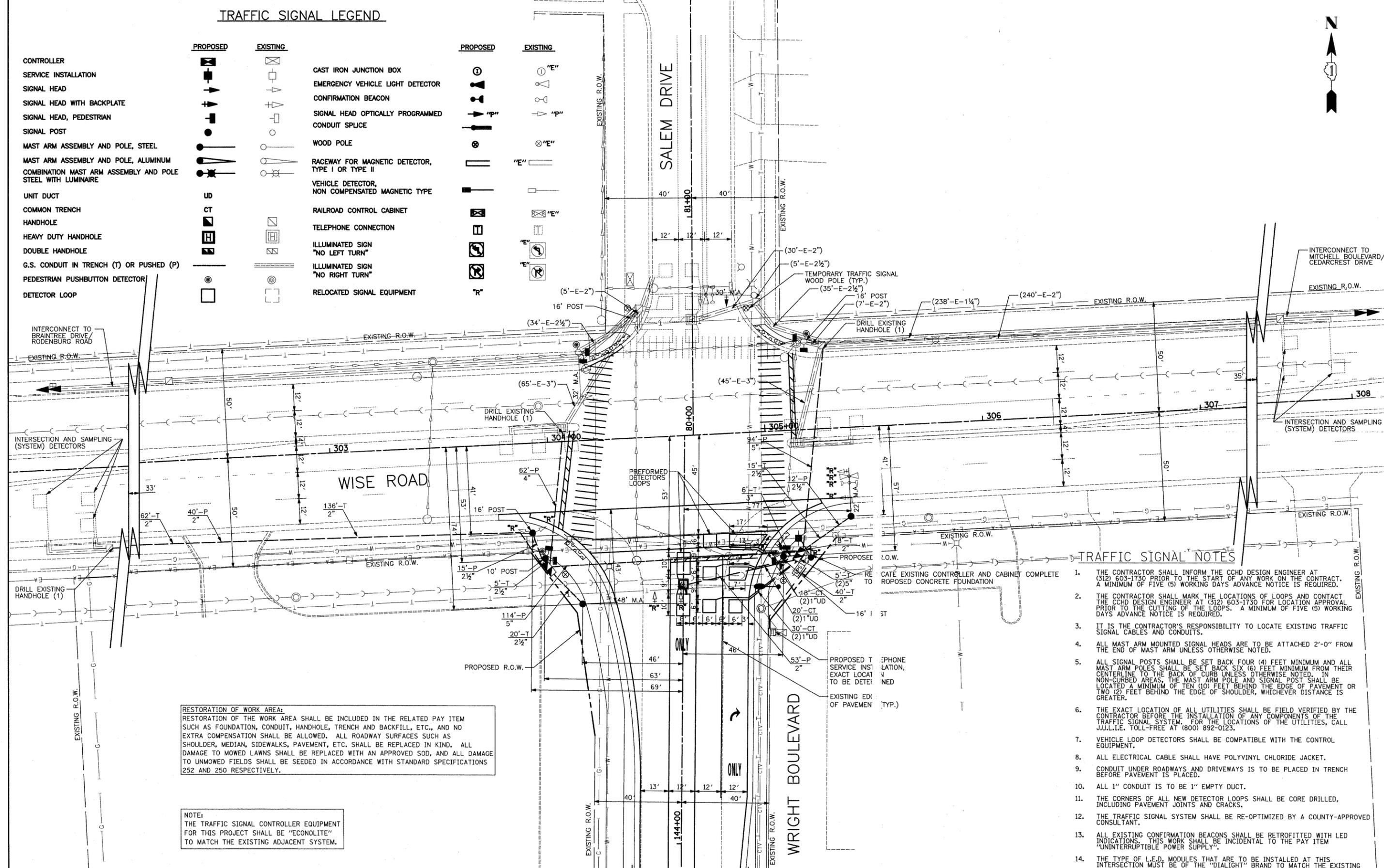
FILE NAME = J:\2215\cad\sheets\Signal\82.Temp.Int.dgn	USER NAME = jst	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INTERCONNECT DETAIL WISE ROAD AT WRIGHT BOULEVARD/SALEM DRIVE	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 82
PLOT SCALE = 50:1 feet / IN.	CHECKED - JJE	REVISED -	SCALE: N. 1/8"			CONTRACT NO. 63378				
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -	SHEET NO. 14 OF 25 SHEETS			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



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

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

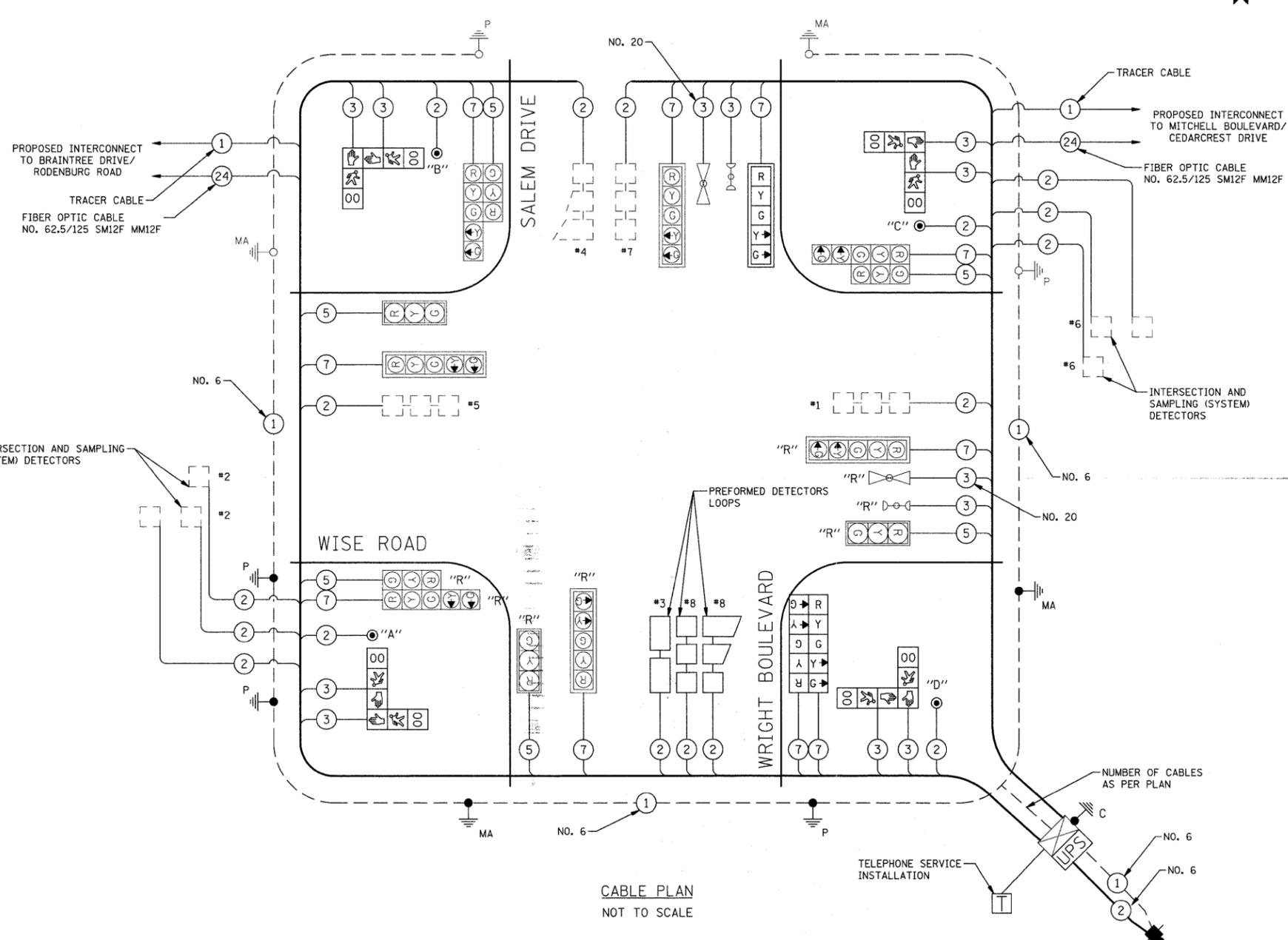
- TRAFFIC SIGNAL NOTES**
1. THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
 2. THE CONTRACTOR SHALL MARK THE LOCATIONS OF LOOPS AND CONTACT THE CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
 4. ALL MAST ARM MOUNTED SIGNAL HEADS ARE TO BE ATTACHED 2'-0" FROM THE END OF MAST ARM UNLESS OTHERWISE NOTED.
 5. ALL SIGNAL POSTS SHALL BE SET BACK FOUR (4) FEET MINIMUM AND ALL MAST ARM POLES SHALL BE SET BACK SIX (6) FEET MINIMUM FROM THEIR CENTERLINE TO THE BACK OF CURB UNLESS OTHERWISE NOTED. IN NON-CURBED AREAS, THE MAST ARM POLE AND SIGNAL POST SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.
 6. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL J.U.L.I.E. TOLL-FREE AT (800) 892-0123.
 7. VEHICLE LOOP DETECTORS SHALL BE COMPATIBLE WITH THE CONTROL EQUIPMENT.
 8. ALL ELECTRICAL CABLE SHALL HAVE POLYVINYL CHLORIDE JACKET.
 9. CONDUIT UNDER ROADWAYS AND DRIVEWAYS IS TO BE PLACED IN TRENCH BEFORE PAVEMENT IS PLACED.
 10. ALL 1" CONDUIT IS TO BE 1" EMPTY DUCT.
 11. THE CORNERS OF ALL NEW DETECTOR LOOPS SHALL BE CORE DRILLED, INCLUDING PAVEMENT JOINTS AND CRACKS.
 12. THE TRAFFIC SIGNAL SYSTEM SHALL BE RE-OPTIMIZED BY A COUNTY-APPROVED CONSULTANT.
 13. ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH LED INDICATORS. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM "UNINTERRUPTIBLE POWER SUPPLY".
 14. THE TYPE OF L.E.D. MODULES THAT ARE TO BE INSTALLED AT THIS INTERSECTION MUST BE OF THE "DIALIGHT" BRAND TO MATCH THE EXISTING L.E.D. MODULES ALREADY IN USE.

CABLE PLAN LEGEND

- EXISTING PROPOSED
- 8" (200mm) TRAFFIC SIGNAL SECTION
 - 12" (300mm) TRAFFIC SIGNAL SECTION
 - 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - 16" X 18" PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER
 - CONTROLLER CABINET
 - SERVICE INSTALLATION
 - TELEPHONE CONNECTION
 - MAGNETIC DETECTOR
 - EMERGENCY VEHICLE LIGHT DETECTOR
 - CONFIRMATION BEACON
 - PUSHBUTTON DETECTOR
 - VEHICLE DETECTOR, INDUCTION LOOP
 - MICROWAVE VEHICLE SENSOR
 - SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD
 - RAILROAD CONTROL CABINET
 - ILLUMINATED SIGN "NO LEFT TURN"
 - ILLUMINATED SIGN "NO RIGHT TURN"
 - GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (HH), OR CONTROLLER (C).
 - GROUND ROD AT POST (P), OR MAST ARM POLE (MA).
 - GROUND ROD AT ELECTRIC SERVICE INSTALLATION
 - GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
 - "R" RELOCATED SIGNAL EQUIPMENT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE	OPERATION	
		INCAND.	LED	
SIGNAL (RED)	16	17	0.50	136
(YELLOW)	16	25	0.25	100
(GREEN)	16	15	0.25	60
ARROW	20	12	0.10	12
PED. SIGNAL	8	25	1.00	200
CONTROLLER	1	100	1.00	100
TOTAL =				608

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (2.0)
D- CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E- M. ARM POLE		SIGNAL POST	2 (1.0)		6m+L-0.6m
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)



CABLE PLAN NOT TO SCALE

NOTE:
 PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
 PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.
 PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

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

PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	BY	
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	

ENERGY COSTS TO: COOK COUNTY HIGHWAY DEPARTMENT
 69 WEST WASHINGTON STREET
 CHICAGO, IL 60602

ENERGY SUPPLY: CONTACT: MARK GLOECKLE
 PHONE: (630) 691-4529
 COMPANY: COM ED

FILE NAME =	USER NAME = jat	DESIGNED - BRD	REVISED -
J:\2215\oad\sheets\Signals\84.Wise Rd\Wise Rd Cable Plan.dgn		DRAWN - OJT	REVISED -
PLOT SCALE = 50,000 ' / IN.		CHECKED - JJE	REVISED -
PLOT DATE = 10/15/2009		DATE - 10-16-09	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CABLE PLAN
 WISE ROAD AT WRIGHT BOULEVARD

SCALE: N.T.S. SHEET NO. 16 OF 25 SHEETS

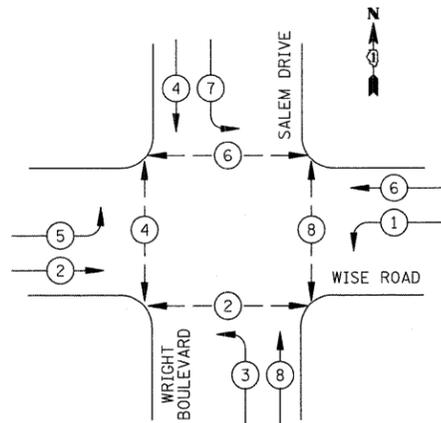
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	84

CONTRACT NO. 63378
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)

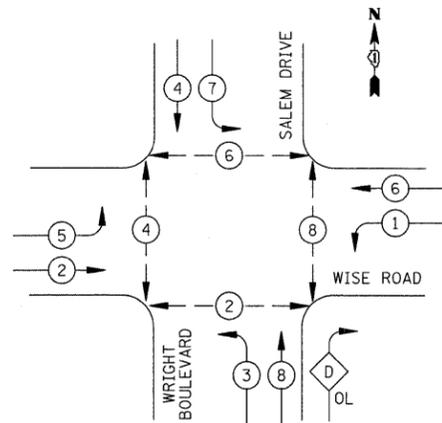
DATE	
BY	
PLAN	
NO.	
NOTED	
CHECKED	
DATE	
FILE NAME	

DATE	
BY	
PROFILE	
NO.	
NOTED	
CHECKED	
DATE	
FILE NAME	

EXISTING CONTROLLER SEQUENCE



PROPOSED CONTROLLER SEQUENCE



LEGEND

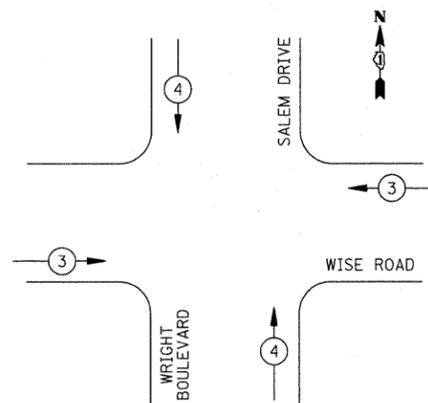
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT		

SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
INSTALL EXISTING SIGN PANEL	50 FT	42
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	245
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	40
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	6
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	93
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	27
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	62
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	208
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	296
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	675
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1707
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1314
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1870
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3298
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	27
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
DRILL EXISTING HANDHOLE	EACH	3
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, L.E.D., 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	5
RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6363
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
PREFORMED DETECTOR LOOP	FOOT	301
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
TELEPHONE SERVICE INSTALLATION	EACH	1
SERVICE INSTALLATION, POLE MOUNTED	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
RELOCATE EXISTING MASTER CONTROLLER	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	615
ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SI	FOOT	310

FILE NAME =	J:\2215\ced\sheets\Signals\85.Wise Rd\Wright_Sequences&S00.dgn
USER NAME =	jat
PLOT SCALE =	50.0000' / IN.
PLOT DATE =	10/15/2009

SIGNED - BRD	REVISED -
AWN - OJT	REVISED -
ECKED - JJE	REVISED -
TE - 10-16-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

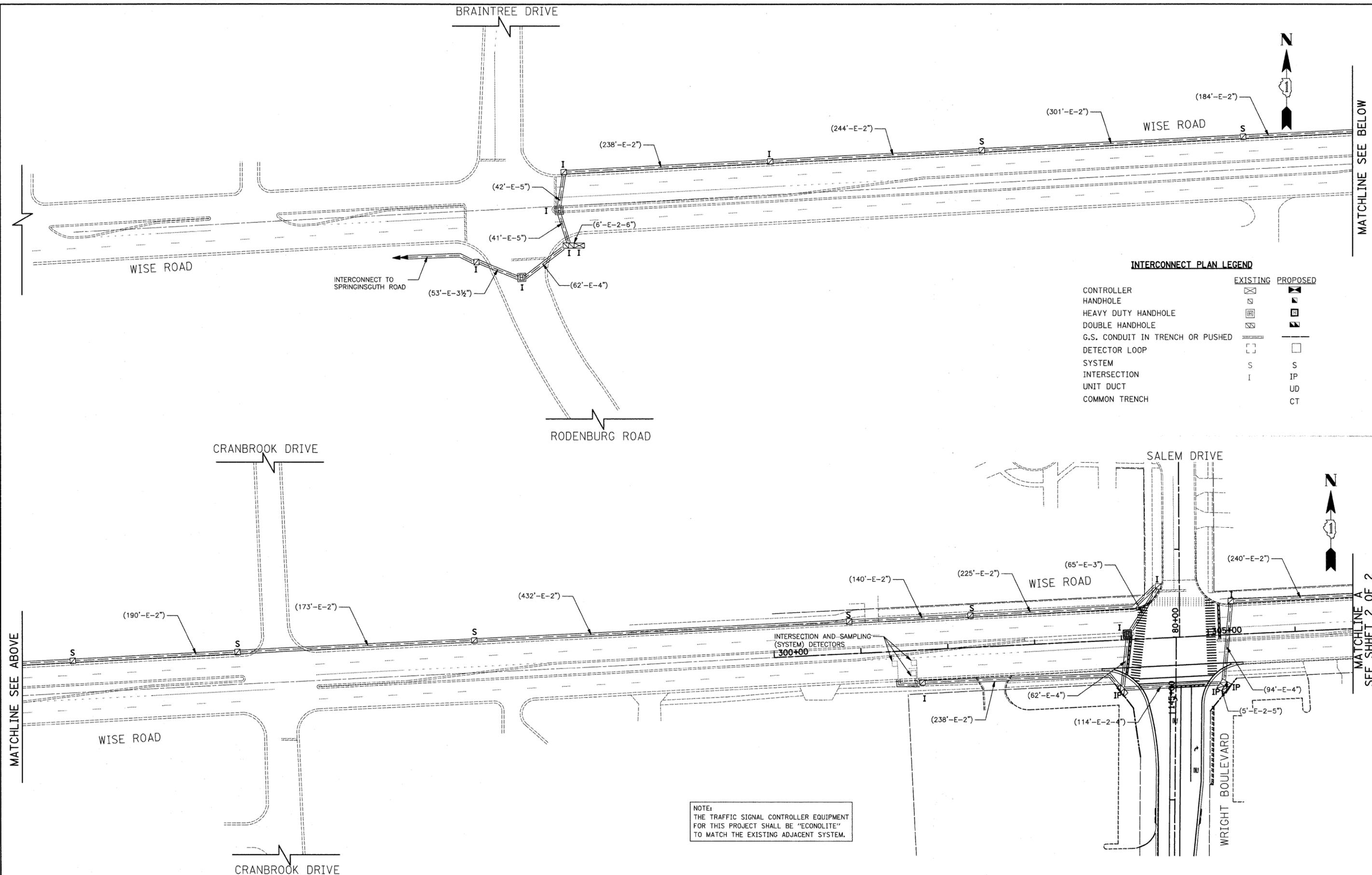
SCALE: N.

SEQUENCES AND SCHEDULE OF QUANTITIES
WISE ROAD AT WRIGHT BOULEVARD

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	85
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. /	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. /	
	NOTATIONS CHKD	



NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME =	USER NAME = jat	DESIGNED - BRD	REVISED -
J:\2215\cad\sheet\signals\86.Int Plan.W	Rd_Rodenburg_RD_SHL.dgn	DRAWN - OJT	REVISED -
	PLOT SCALE = 50,000 ft / IN.	CHECKED - JJE	REVISED -
	PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

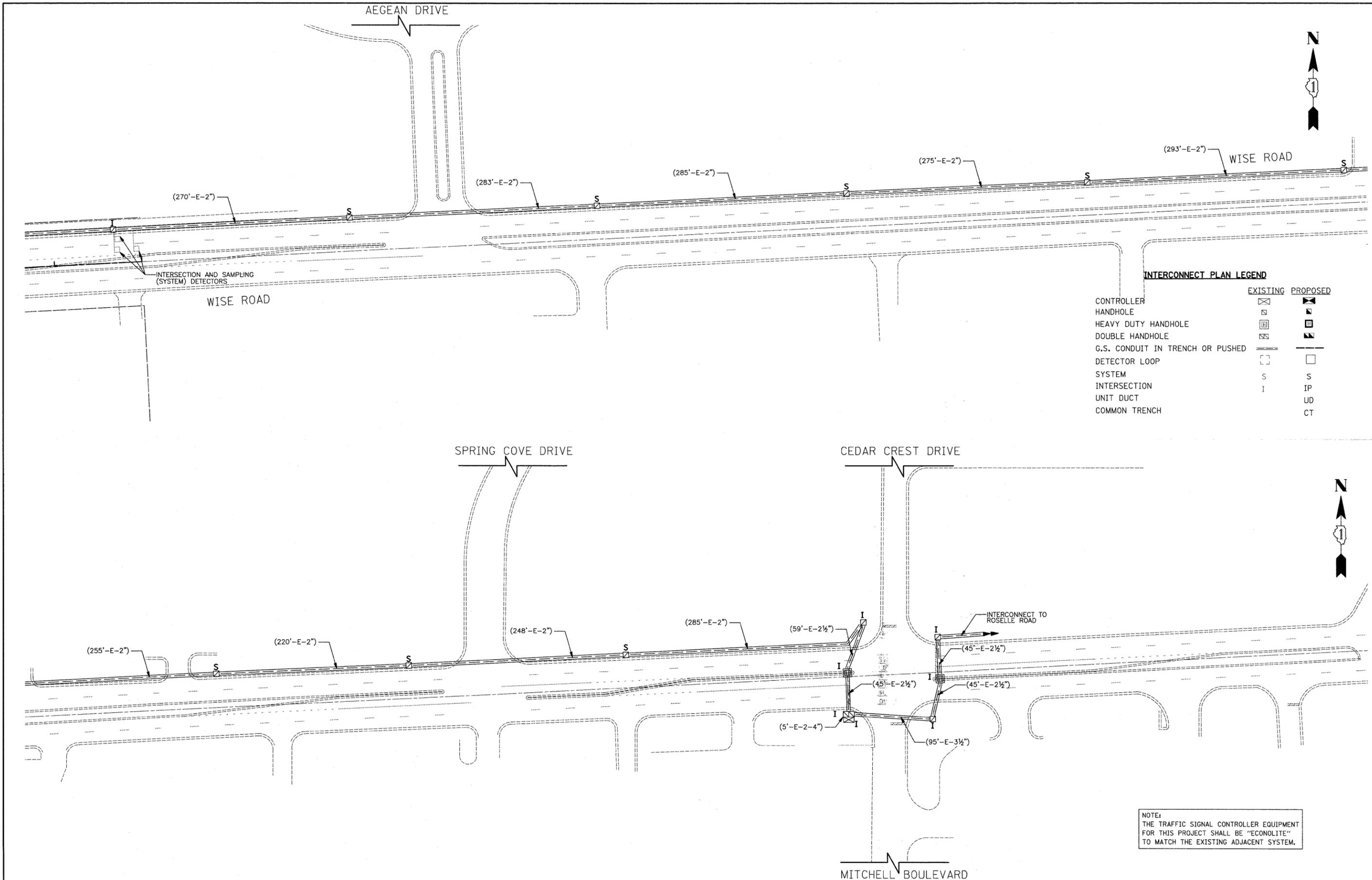
TRAFFIC SIGNAL INTERCONNECT PLAN - WISE ROAD
RODENBURG ROAD TO MITCHELL BOULEVARD
SHEET 1 OF 2

SCALE: 1" = 50' SHEET NO. 18 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	86
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHK'D	
	NO. _____	



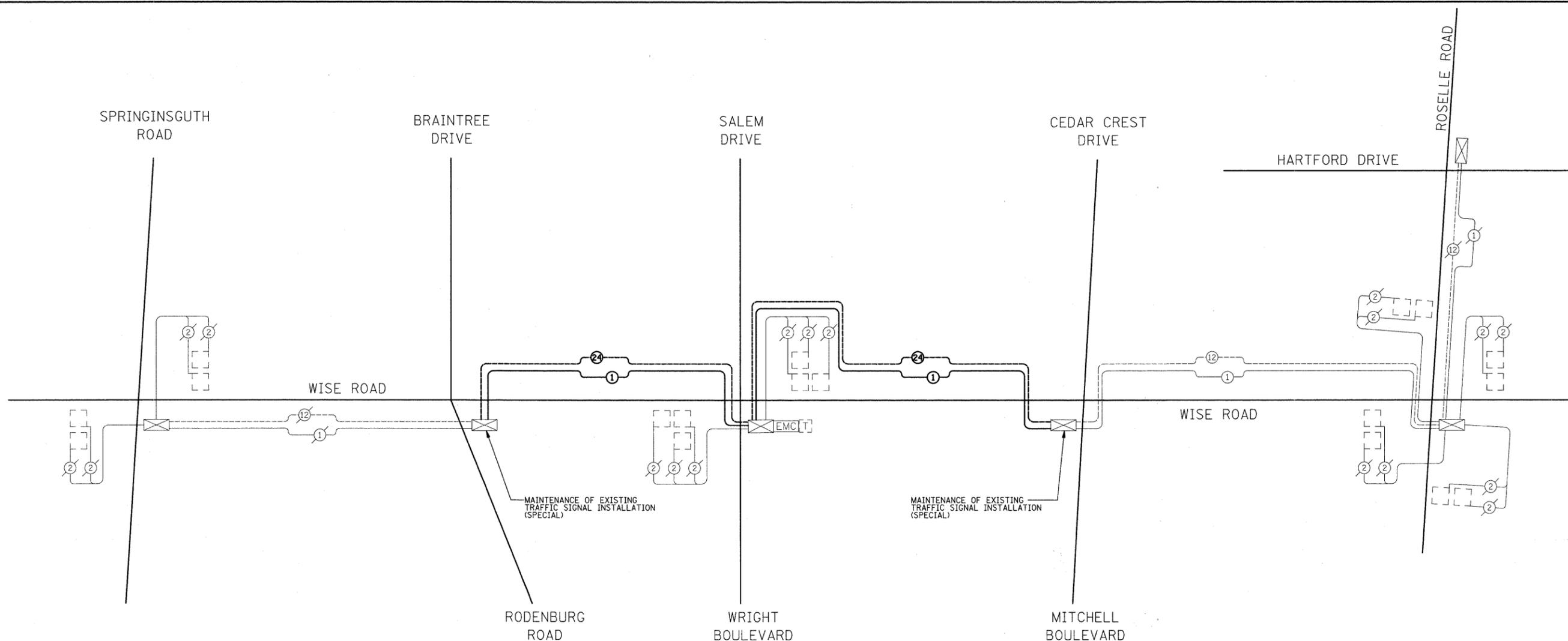
NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = J:\2215\road\sheet\Signal\87.Int Plan_Wis	USER NAME = jat	DESIGNED - BRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL INTERCONNECT PLAN - WISE ROAD RODENBURG ROAD TO MITCHELL BOULEVARD SHEET 2 OF 2	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 87	
	Rd_Rodenburg_RD.SH2.dgn	DRAWN - OJT	REVISED -			SCALE: 1" = 50'			SHEET NO. 19 OF 25 SHEETS		
	PLOT SCALE = 50,0000 ft / IN.	CHECKED - JJE	REVISED -			CONTRACT NO. 63378					
	PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)					



PLAN	REVIEWED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	FIELD FILE NAME	

PROFILE	REVIEWED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	



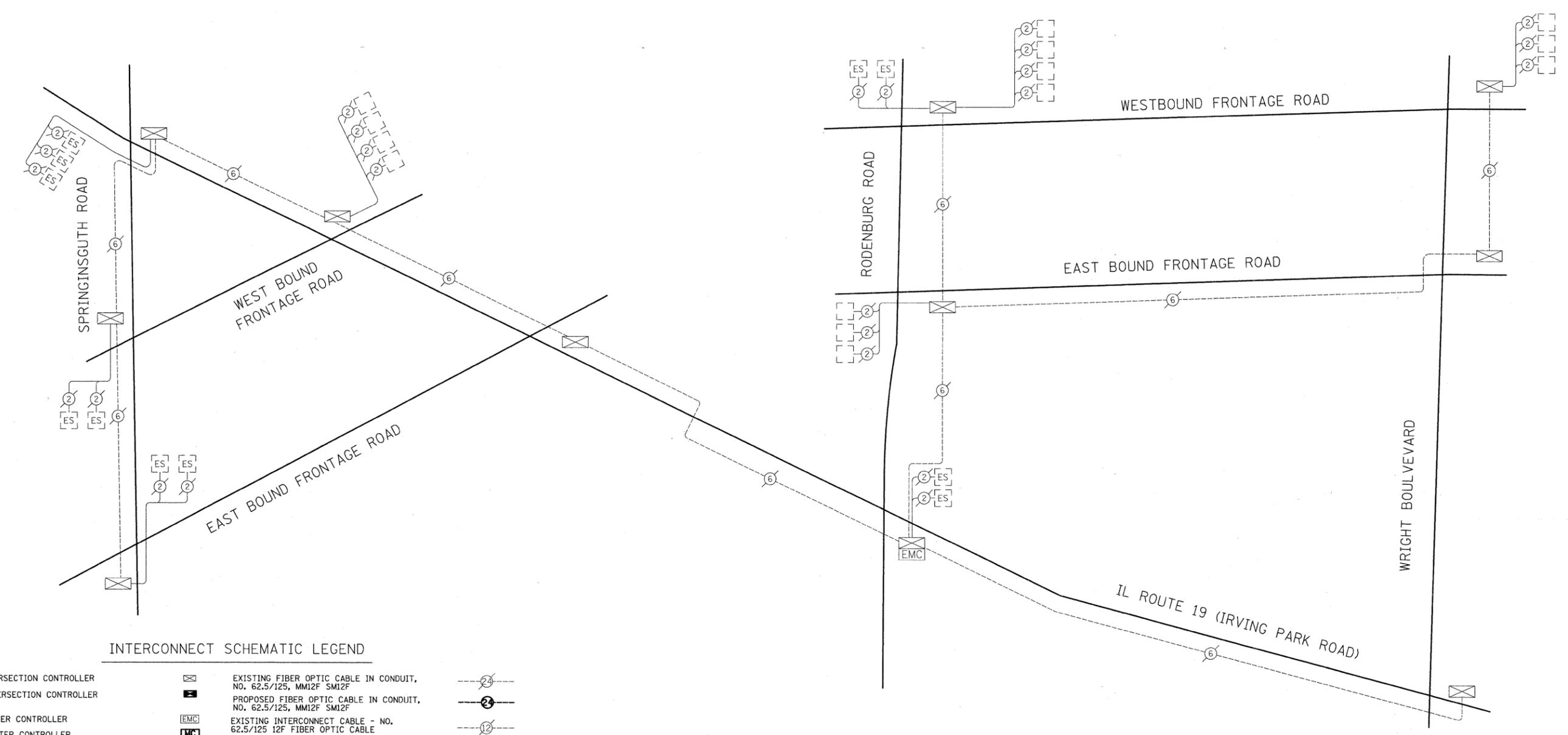
INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER		EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
PROPOSED INTERSECTION CONTROLLER		PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
EXISTING MASTER CONTROLLER		EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	
PROPOSED MASTER CONTROLLER		PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	
MASTER MASTER CONTROLLER		EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
EXISTING INTERSECTION LOOP DETECTORS		PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
PROPOSED SAMPLING (SYSTEM) DETECTORS		EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)	
EXISTING SAMPLING (SYSTEM) DETECTORS		PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)	
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS.		EXISTING TELEPHONE CONNECTION	
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.		PROPOSED TELEPHONE CONNECTION	
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	
EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS		EXISTING VIDEO DETECTION CAMERA	
PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS		PROPOSED VIDEO DETECTION CAMERA	
		EXISTING PTZ CAMERA	
		PROPOSED PTZ CAMERA	

SCHEDULE OF QUANTITIES			
PAY ITEM	UNIT	QUANTITY	
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	2	
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5563	
ELECTRIC CABLE IN CONDUIT, TRACE NO. 14 1C	FOOT	5563	
FIBER OPTIC CABLE IN CONDUIT, NO. 2.5/125, MM12F SM12F	FOOT	5611	
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1	
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	5611	

NOTE: MAINTENANCE RESPONSIBILITIES AT THE INTERSECTIONS NOTED ABOVE SHALL BEGIN 7 DAYS PRIOR TO THE START OF ANY WORK AT THE INTERSECTION.

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER		EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
PROPOSED INTERSECTION CONTROLLER		PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
EXISTING MASTER CONTROLLER		EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	
PROPOSED MASTER CONTROLLER		PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	
MASTER MASTER CONTROLLER		EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
EXISTING INTERSECTION LOOP DETECTORS		PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
PROPOSED SAMPLING (SYSTEM) DETECTORS		EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)	
EXISTING SAMPLING (SYSTEM) DETECTORS		PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)	
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS.		EXISTING TELEPHONE CONNECTION	
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.		PROPOSED TELEPHONE CONNECTION	
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	
EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS		EXISTING VIDEO DETECTION CAMERA	
PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS		PROPOSED VIDEO DETECTION CAMERA	
		EXISTING PTZ CAMERA	
		PROPOSED PTZ CAMERA	

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLINE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PLAN	DATE
REVISIONS	BY
NO.	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

PROFILE	DATE
REVISIONS	BY
NO.	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

FILE NAME = J:\2215\cad\sheets\signals\89_Int_Sch_IL 1	USER NAME = jat	DESIGNED - BRD	REVISED -
PLT SCALE = 50,0000 ft / IN.	DRAWN - OJT	CHECKED - JJE	REVISED -
PLT DATE = 10/15/2009	DATE = 10-16-09		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT SCHEMATIC - IRVING PARK ROAD
SPRINGINGUTH ROAD TO WRIGHT BOULEVARD AND**

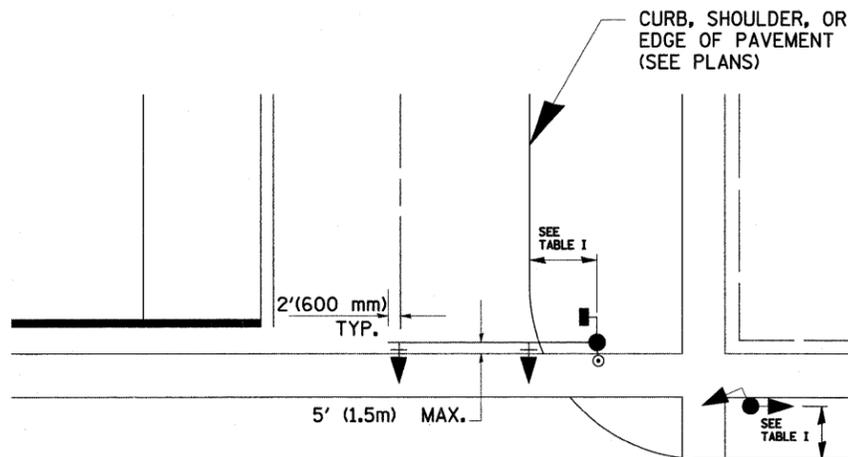
SCALE: N.T.S. SHEET NO. 21 OF 25 SHEETS

F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 89
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-N-8003 (809)				

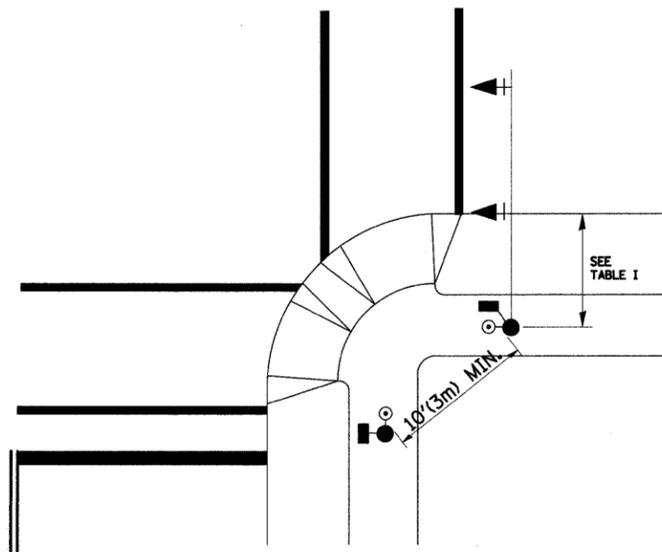
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

TRAFFIC SIGNAL MAST ARM AND POST

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



PEDESTRIAN SIGNAL PUSHBUTTON



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

NOTES:

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.

AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.

PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:
 - A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
 - B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
 - C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
 - D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
 - E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

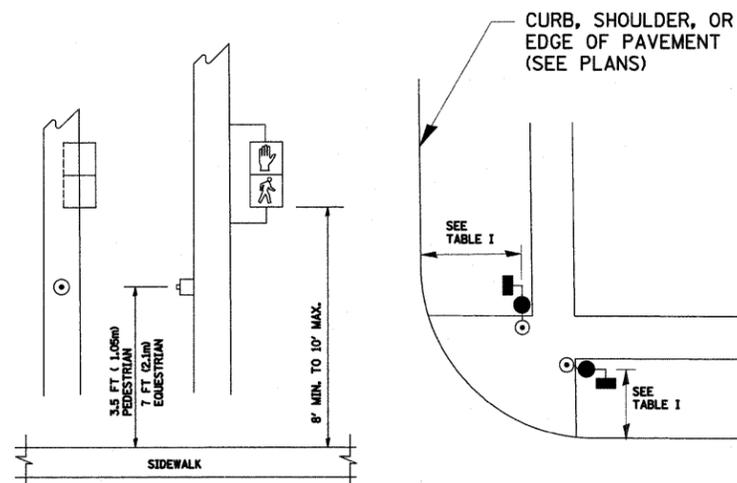
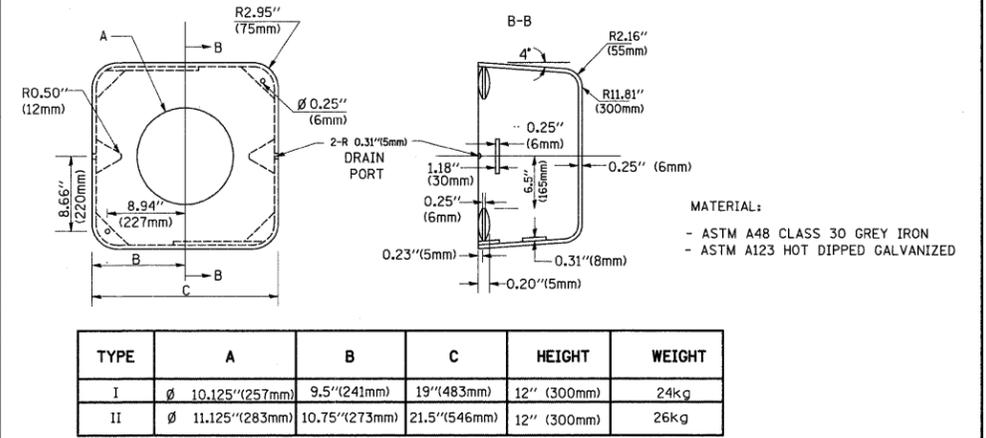
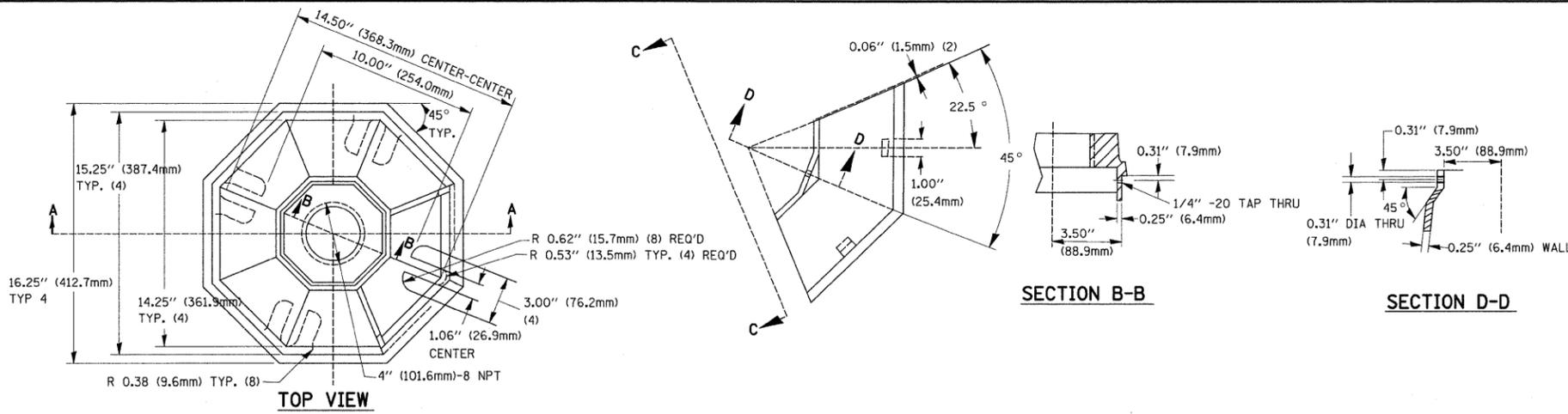


TABLE I

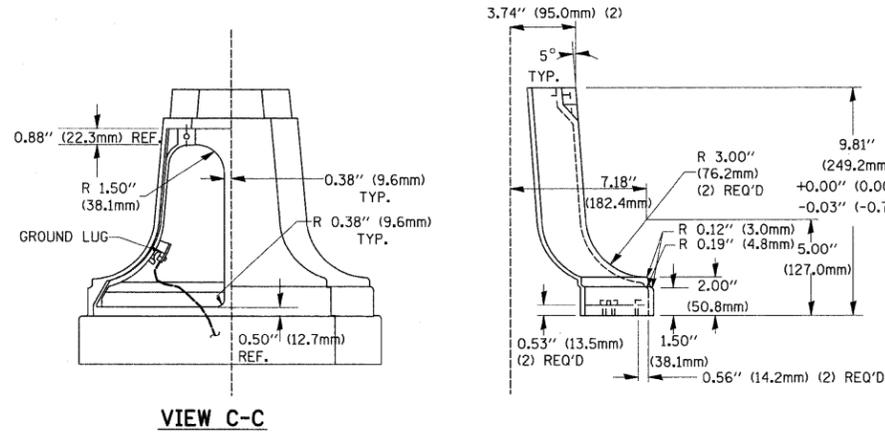
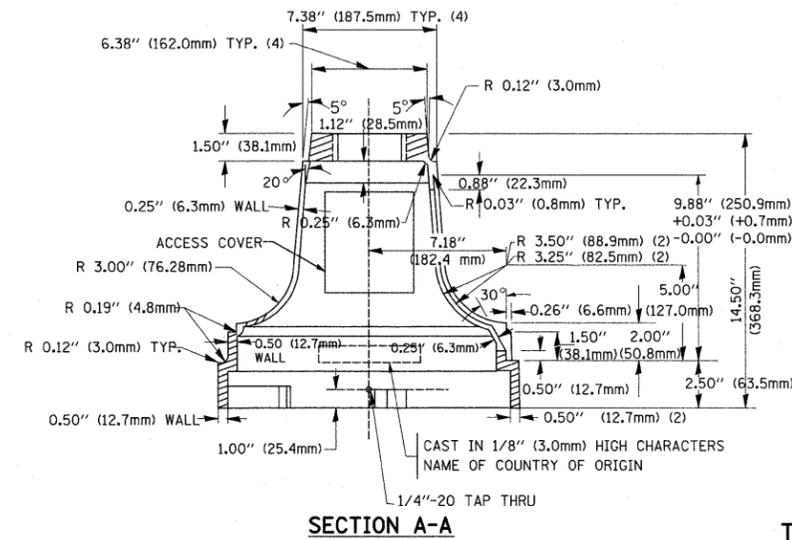
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

DATE	
BY	
REVIEWED	
PLOTTED	
ALIGNED	
CHECKED	
NOTE BOOK	
NO.	
FILE NAME	

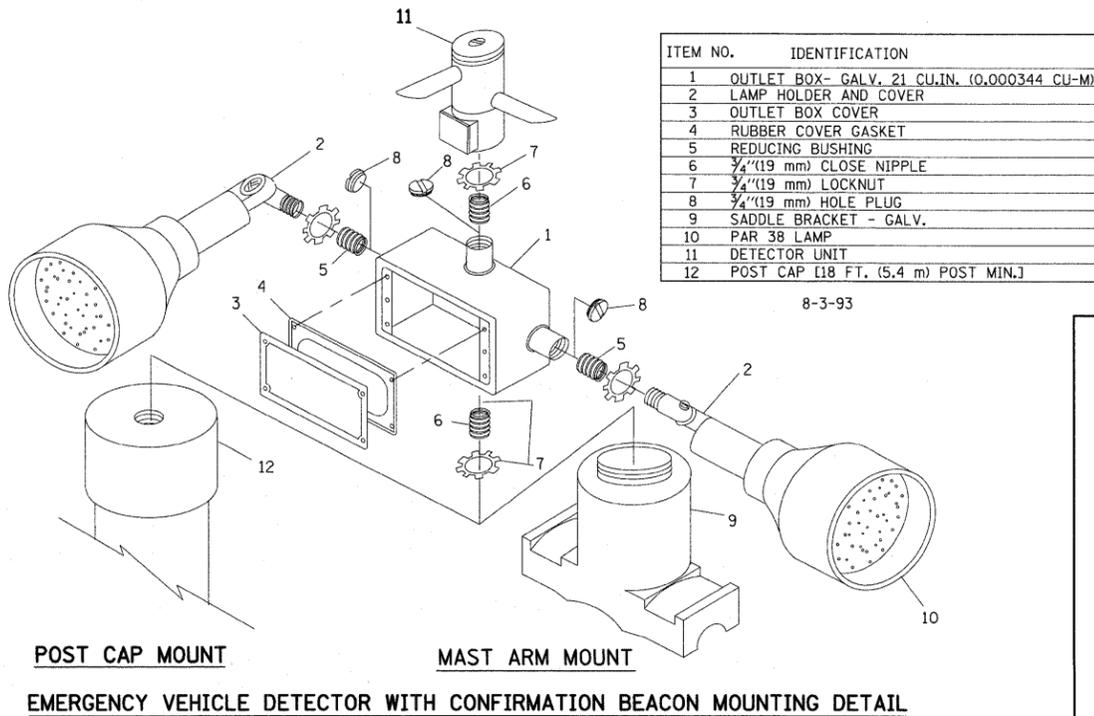
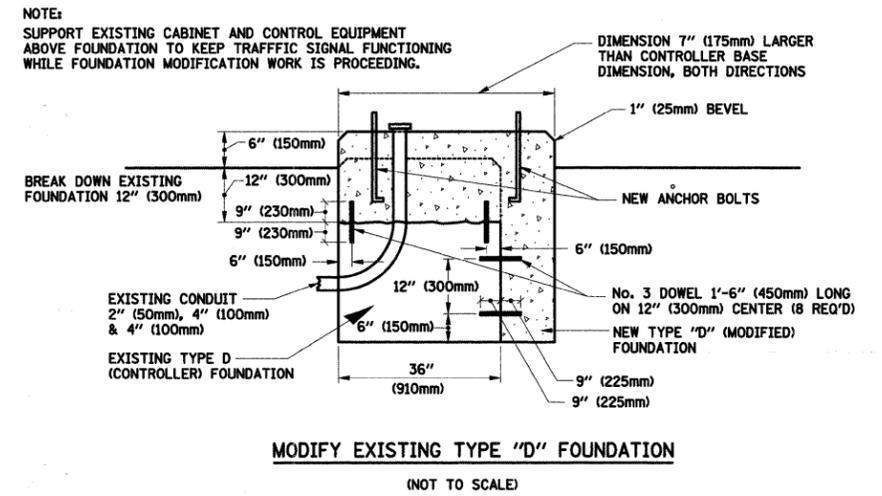
DATE	
BY	
REVIEWED	
PLOTTED	
ALIGNED	
CHECKED	
NOTE BOOK	
NO.	
FILE NAME	



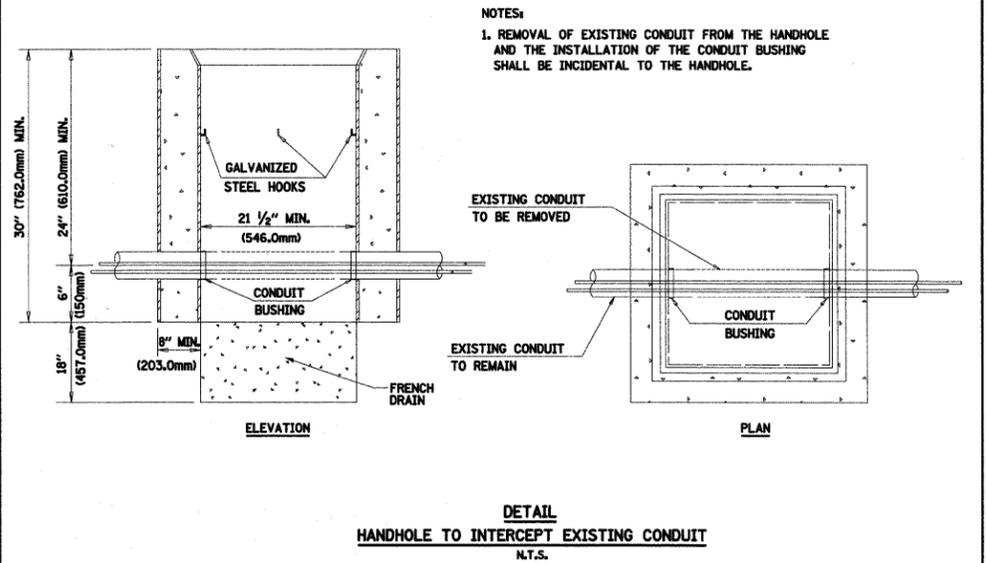
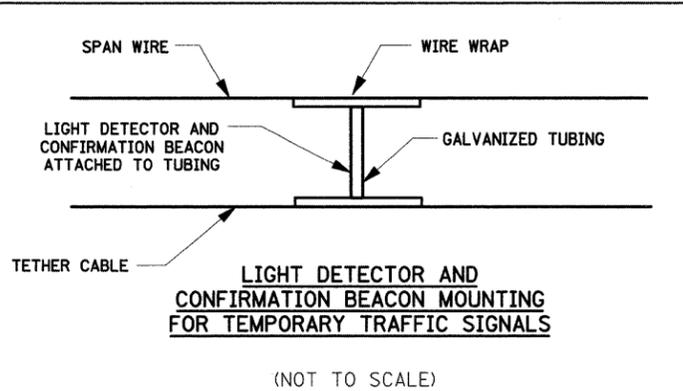
TYPE	A	B	C	HEIGHT	WEIGHT
I	Ø 10.125\"(257mm)	9.5\"(241mm)	19\"(483mm)	12\"(300mm)	24kg
II	Ø 11.125\"(283mm)	10.75\"(273mm)	21.5\"(546mm)	12\"(300mm)	26kg



TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A

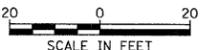
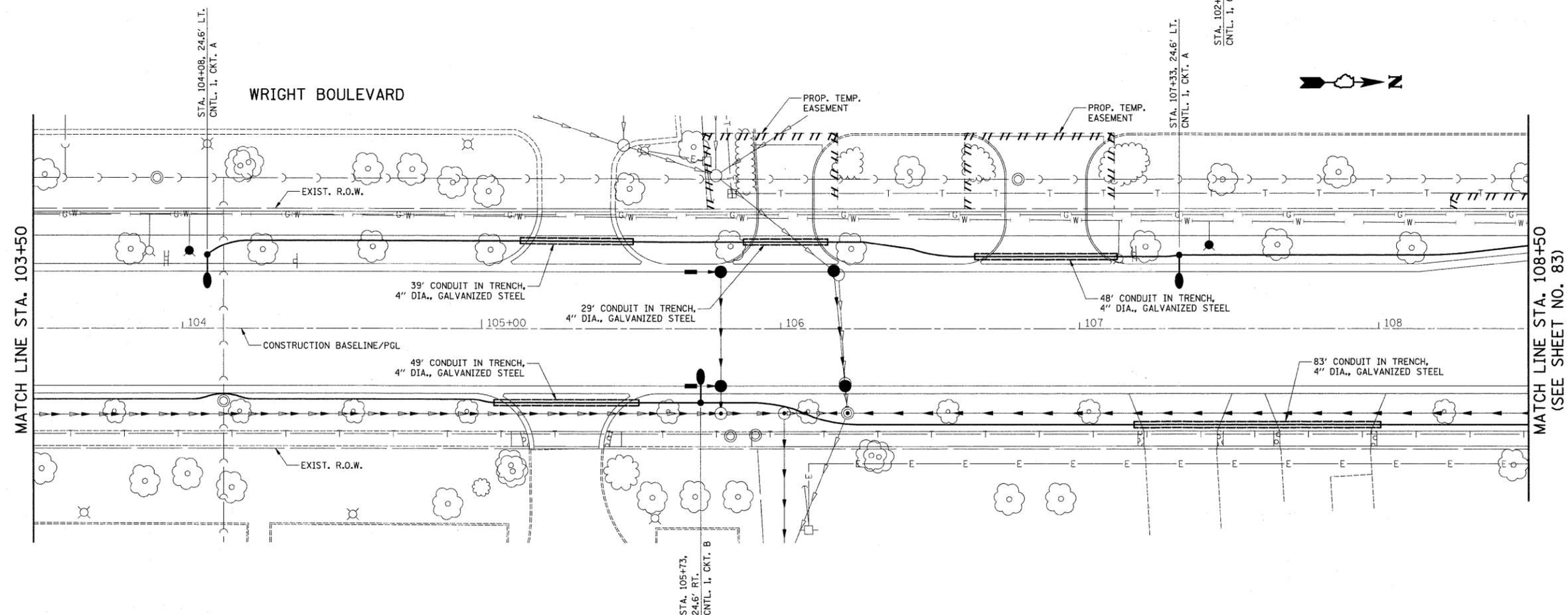
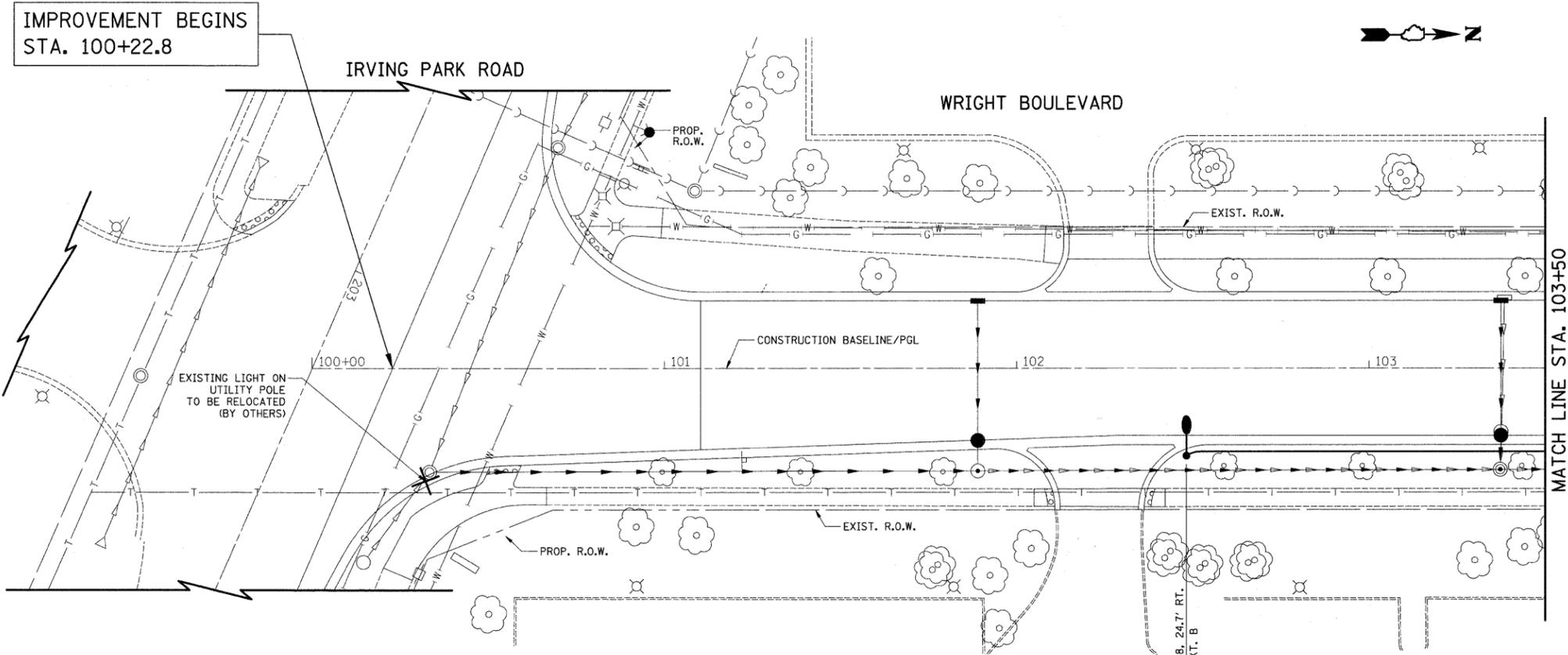


- NOTES:
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
 - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
 - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	BY	
	DATE	



FILE NAME = J:\2215\oad\shets\2215_Light 01.dgn

USER NAME = jet
 PLOT SCALE = 28.0000' / IN.
 PLOT DATE = 10/15/2009

DESIGNED - SJC
 DRAWN - CDC
 CHECKED - DNM
 DATE - 10-16-09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

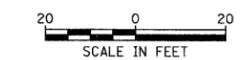
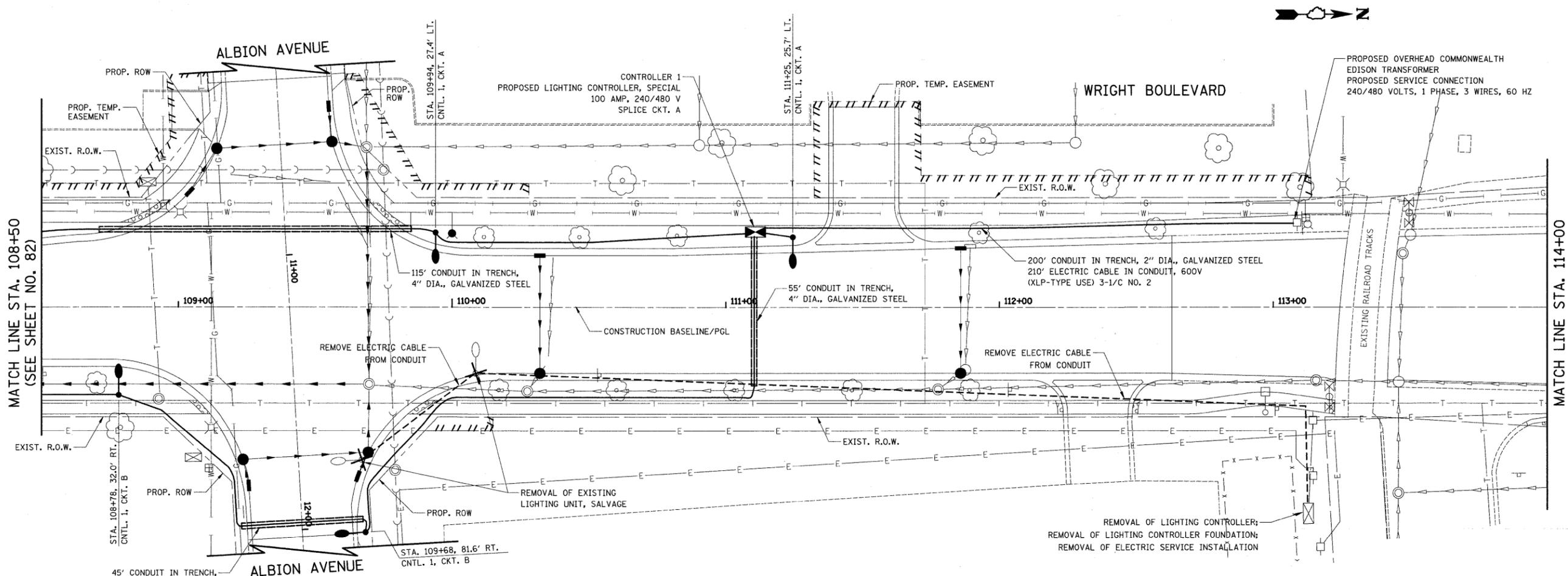
**WRIGHT BOULEVARD
 LIGHTING PLAN**

SHEET NO. 1 OF 5 SHEETS STA. 100+22.8 TO STA. 108+50

F.A.U. RTE. 1351	SECTION 06-0090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 95
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	

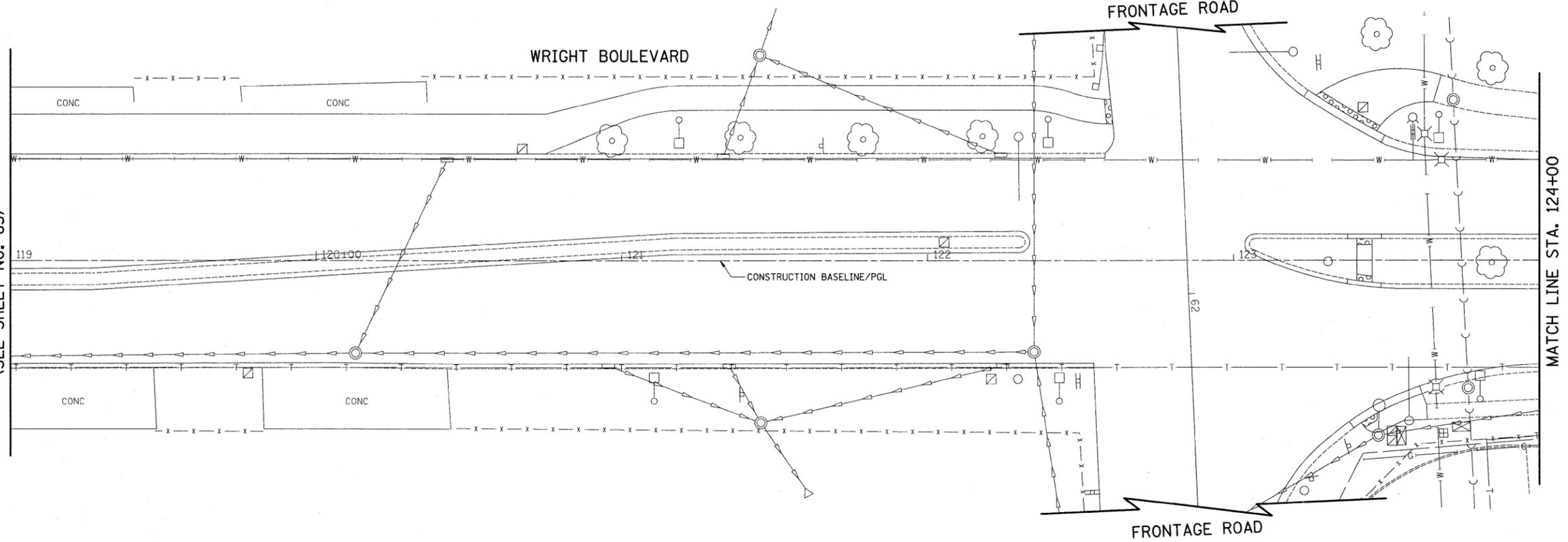


FILE NAME = J:\2215\oad\shets\2215_Light 02.dgn	USER NAME = jst	DESIGNED - SJC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WRIGHT BOULEVARD LIGHTING PLAN	F.A.U. RTE. 1351	SECTION 06-00090-00-PV	COUNTY COOK	TOTAL SHEETS 137	SHEET NO. 96
PLOT SCALE = 20.0000' / IN.	CHECKED - DNM	REVISED -	REVISED -			CONTRACT NO. 63378				
PLOT DATE = 10/15/2009	DATE - 10-16-09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				
						SHEET NO. 2 OF 5 SHEETS STA. 108+50 TO STA. 119+00				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	
	NOTE BOOK	
	NO. _____	
	CADD FILE NAME	

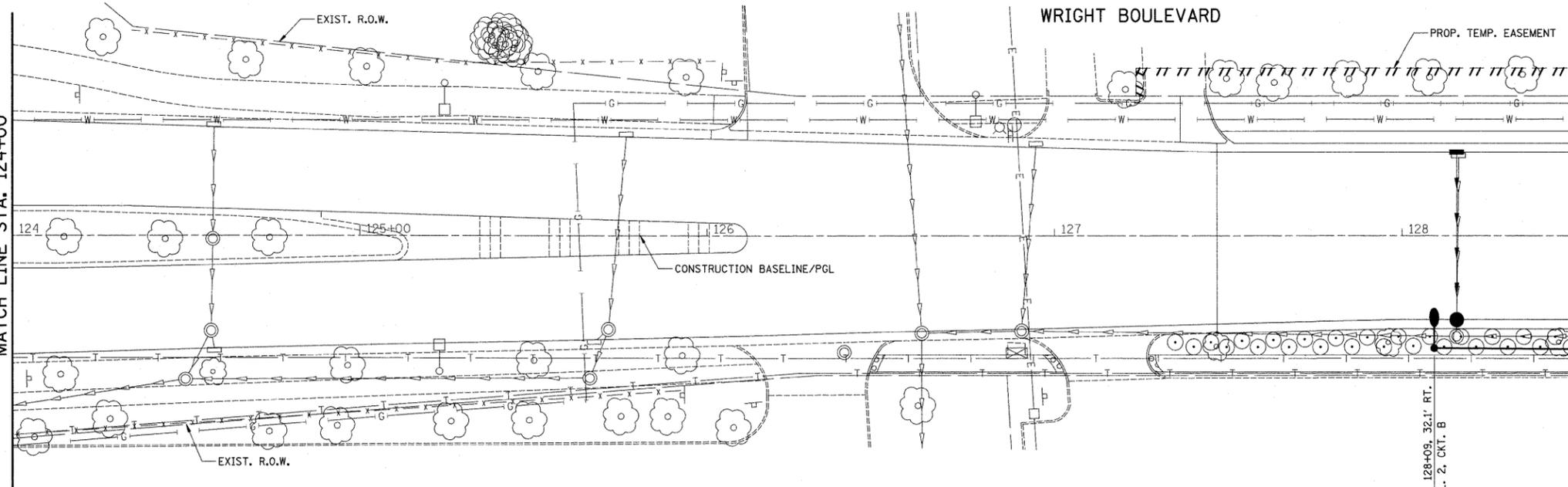
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	
	NOTE BOOK	
	NO. _____	
	STRUCTURE NOTATIONS CHRD	

MATCH LINE STA. 119+00
(SEE SHEET NO. 83)

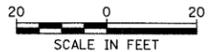


MATCH LINE STA. 124+00

MATCH LINE STA. 124+00



MATCH LINE STA. 128+50
(SEE SHEET NO. 85)



FILE NAME = J:\2215\cad\shets\2215_Light 03.dgn

USER NAME = jat

DESIGNED - SJC

REVISED -

DRAWN - CDC

REVISED -

CHECKED - DNM

REVISED -

DATE - 10-16-09

REVISED -

PLOT SCALE = 20.0000' / IN.

PLOT DATE = 10/15/2009

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WRIGHT BOULEVARD
LIGHTING PLAN**

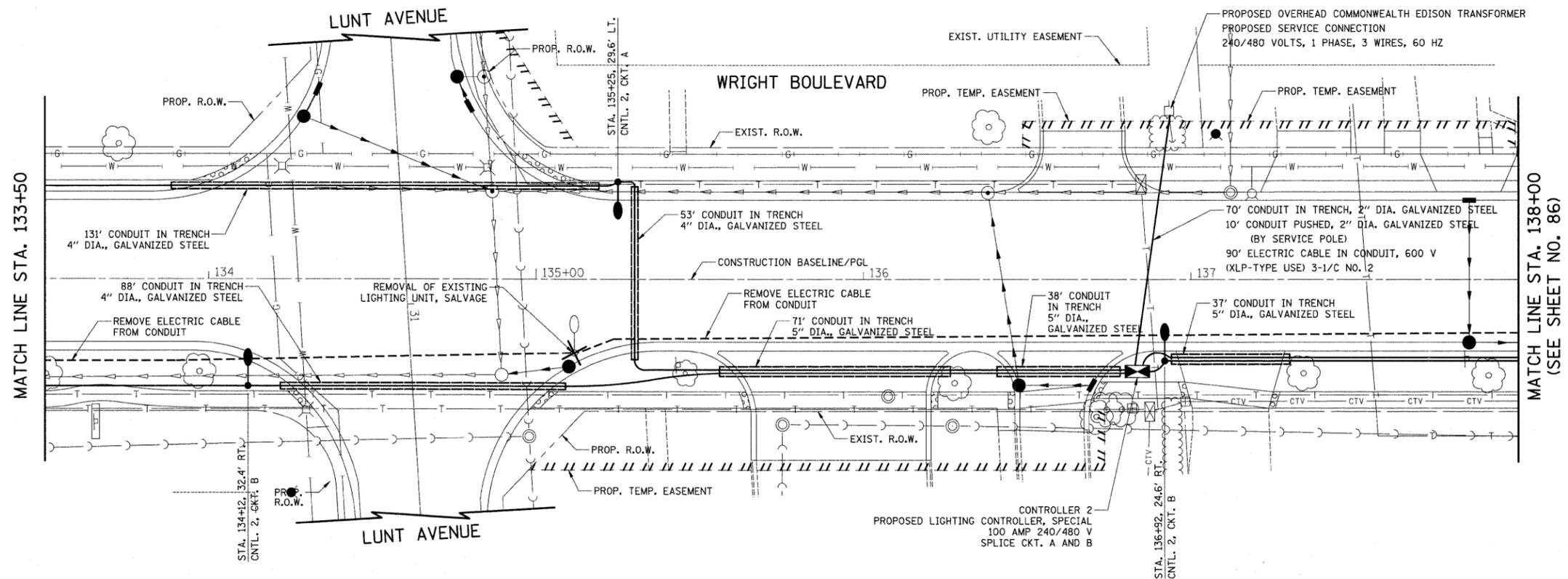
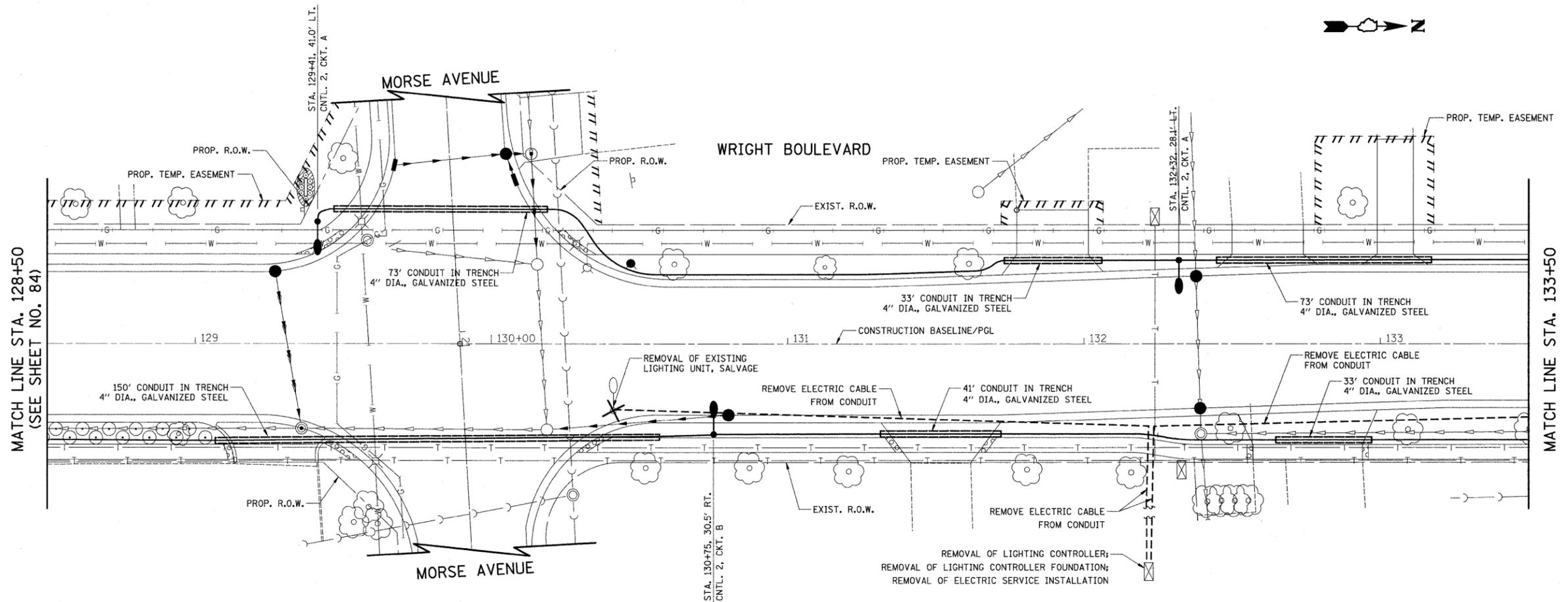
SHEET NO. 3 OF 5 SHEETS

STA. 119+00 TO STA. 128+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	97
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	



FILE NAME = J:\2215\oad\sheeta\2215_Light 04.dgn
 PLOT SCALE = 20,0000 ' / IN.
 PLOT DATE = 10/15/2009

USER NAME = jat
 DESIGNED - SJC
 DRAWN - CDC
 CHECKED - DNM
 DATE - 10-16-09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

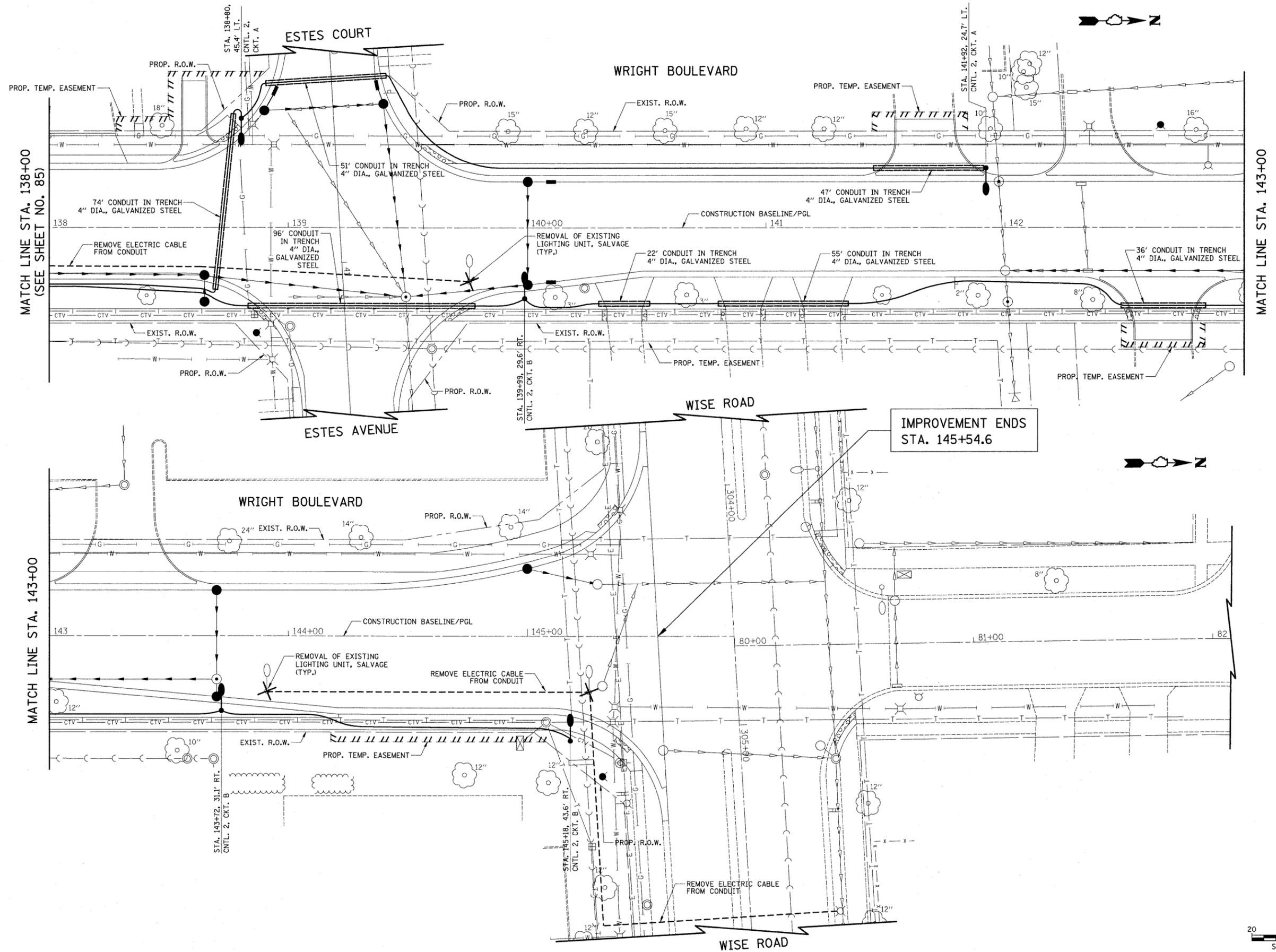
**WRIGHT BOULEVARD
 LIGHTING PLAN**

SHEET NO. 4 OF 5 SHEETS STA. 128+50 TO STA. 138+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	98
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



FILE NAME = J:\2215\road\sheet\2215.Light 05.dgn

USER NAME = jat
 PLOT SCALE = 28.0000' / IN.
 PLOT DATE = 10/15/2009

DESIGNED - SJC
 DRAWN - CDC
 CHECKED - DNM
 DATE - 10-16-09

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

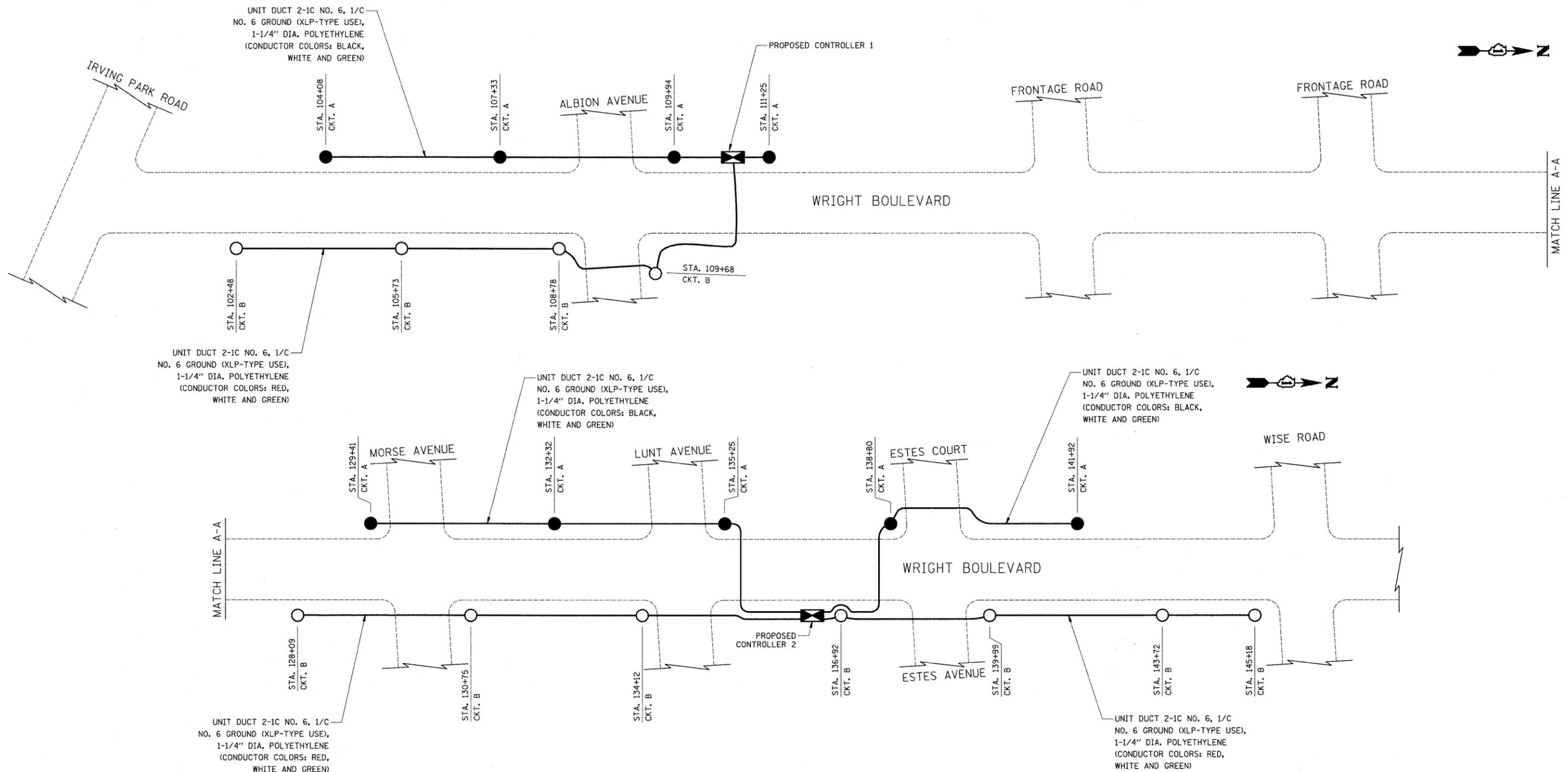
**WRIGHT BOULEVARD
 LIGHTING PLAN**

SHEET NO. 5 OF 5 SHEETS STA. 138+00 TO STA. 145+54.6

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1351	06-00090-00-PV	COOK	137	99
CONTRACT NO. 63378				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-M-8003 (809)				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHK'D	
	NOTE BOOK NO.	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHK'D	
	NOTE BOOK NO.	
	BY	
	DATE	



UNIT DUCT 2-1C NO. 6, 1/C
NO. 6 GROUND (XLP-TYPE USE),
1-1/4" DIA. POLYETHYLENE
(CONDUCTOR COLORS: BLACK,
WHITE AND GREEN)

UNIT DUCT 2-1C NO. 6, 1/C
NO. 6 GROUND (XLP-TYPE USE),
1-1/4" DIA. POLYETHYLENE
(CONDUCTOR COLORS: RED,
WHITE AND GREEN)

UNIT DUCT 2-1C NO. 6, 1/C
NO. 6 GROUND (XLP-TYPE USE),
1-1/4" DIA. POLYETHYLENE
(CONDUCTOR COLORS: BLACK,
WHITE AND GREEN)

UNIT DUCT 2-1C NO. 6, 1/C
NO. 6 GROUND (XLP-TYPE USE),
1-1/4" DIA. POLYETHYLENE
(CONDUCTOR COLORS: BLACK,
WHITE AND GREEN)

UNIT DUCT 2-1C NO. 6, 1/C
NO. 6 GROUND (XLP-TYPE USE),
1-1/4" DIA. POLYETHYLENE
(CONDUCTOR COLORS: RED,
WHITE AND GREEN)

UNIT DUCT 2-1C NO. 6, 1/C
NO. 6 GROUND (XLP-TYPE USE),
1-1/4" DIA. POLYETHYLENE
(CONDUCTOR COLORS: RED,
WHITE AND GREEN)

LEGEND

- PROPOSED LIGHTING UNIT
250 WATT HPS, 240V, MS III, 30' MH, 12' MA
ON BLACK WIRE
- PROPOSED LIGHTING UNIT
250 WATT HPS, 240V, MS III, 30' MH, 12' MA
ON RED WIRE
- UNIT DUCT 2-1C NO. 6, 1/C NO. 6 GROUND
(XLP-TYPE USE), 1-1/4" DIA. POLYETHYLENE
- ⊠ PROPOSED LIGHTING CONTROLLER, SPECIAL
100 AMP, 240/480V

CIRCUIT NO.	TOTAL FIXTURE AMPS	KW LOAD
A	5.6	1.3
B	5.6	1.3
TOTAL	11.2	2.6

CIRCUIT NO.	TOTAL FIXTURE AMPS	KW LOAD
A	7.0	1.7
B	9.8	2.4
TOTAL	16.8	4.1

250 WATT HPS LUMINAIRE = 1.4 AMP @ 240V