

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00180-00-BR	COOK	14	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63822				

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002, THE DETAILS IN THESE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL NOTIFY JOHN KLEIN WITH UNION PACIFIC RAILROAD AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AT (312) 496-4727. COORDINATION WITH THE UNION PACIFIC COMMUNICATIONS DEPARTMENT AT (800) 336-9193 SHALL BEGIN UPON CONTRACT AWARD AND TO OBTAIN A FIBER OPTIC LOCATE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN A UNION PACIFIC ENTRY PERMIT TO PERFORM CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL ACCOUNT FOR WORKING WITH THE UNION PACIFIC RAILROAD CONCURRENTLY DURING CONSTRUCTION.
- THE COST OF ALL PERMITS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL NOTIFY BOB BURNS WITH PUBLIC WORKS AT (847) 368-5800 AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION.
- THE CONTRACTOR SHALL CALL "JULIE" 48 HOURS IN ADVANCE AT 1-800-892-0123 FOR FIELD LOCATIONS OF UTILITIES. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES BEFORE STARTING ANY EXCAVATION.
- THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH FACILITIES SO AS NOT TO DAMAGE THEM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS OWN EXPENSE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. COORDINATION OF ALL KNOWN UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRECONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.
- THE CONTRACTOR SHALL NOT REMOVE ANY UTILITY LINE, CONDUIT OR VAULT WITHIN THE LIMITS OF THE PROJECT UNTIL AFTER RECEIVING WRITTEN PERMISSION FROM THE UTILITY COMPANY OR AGENCY INVOLVED AND PERMISSION FROM THE ENGINEER.
- WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATION, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES.
- ANY LOOSE MATERIAL THAT IS DEPOSITED DURING CONSTRUCTION INTO ANY DRAINAGE STRUCTURE THAT RESULTS IN THE OBSTRUCTION OF FLOW SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF OPERATIONS, ALL DRAINAGE STRUCTURES (EXISTING AND PROPOSED) WITHIN THE PROJECT LIMITS SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICES OF THE CONTRACT.
- THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE INCLUDED IN THE UNIT PRICES OF THE CONTRACT. HOWEVER, THE NECESSARY PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE "STORM SEWER" OF THE SIZE REQUIRED.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN EXISTING APPURTENANCES ALONG NORTHWEST HIGHWAY AND DAVIS STREET. BOTH ROADWAYS SHALL BE KEPT CLEAN AND FREE OF DEBRIS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICES OF THE CONTRACT.
- THE CONTRACTOR WILL BE REQUIRED TO DISPOSE ALL MATERIAL EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS, AT HIS EXPENSE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE ON THE DAY IT IS EXCAVATED. NO PAYMENT WILL BE MADE FOR HAULING OR TRUCKING MATERIAL TO LOCATIONS, PROVIDED BY THE CONTRACTOR, OUTSIDE THE LIMITS OF THE IMPROVEMENT.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED AT ALL LOCATIONS WITHIN THE PROJECT LIMITS. ONE SAND BAG SHALL BE PLACED ON EACH BOTTOM RAIL.
- QUANTITIES OF TREE TRUNK PROTECTION, TREE PRUNING AND TREE ROOT PRUNING HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES FOR CARE AND PROTECTION OF EXISTING PLANT MATERIAL.
- ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SODDED UPON COMPLETION OF ALL GRADING OPERATIONS. THIS WORK SHALL BE PAID FOR AS SODDING, SALT TOLERANT.
- FULL DEPTH SAW CUTS SHALL BE PROVIDED FOR ALL REMOVAL ITEMS. THE COST SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

**GENERAL NOTES CONT**

- INLET & PIPE PROTECTION SHALL BE USED AT THE DISCRETION OF THE ENGINEER TO PREVENT SEDIMENT FROM ENTERING THE ENCLOSED SEWER SYSTEM.
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL SHALL BE REPLACED WITH AGGREGATE BASE COURSE, TYPE B WITHIN THE LIMITS OF THE CULVERT. POROUS GRANULAR EMBANKMENT SHALL BE USED ELSEWHERE. THE PROPOSED PROCEDURES AND EXTENT OF REMOVAL OF UNSUITABLE MATERIAL FOR THE CULVERT, OR IN ANY LOCATION THAT MAY AFFECT THE STABILITY OF THE EXISTING ABUTMENTS, SHALL BE SUBMITTED TO THE ENGINEER AND UPRR FOR REVIEW AND APPROVAL.
- QUANTITIES FOR TEMPORARY FENCE AND TEMPORARY CHAIN LINK FENCE HAVE BEEN INCLUDED TO RESTRICT ACCESS WITHIN THE PROJECT LIMITS. THE TEMPORARY CHAIN LINK FENCE SHALL BE USED AT THE DISCRETION OF THE ENGINEER TO CLOSE OFF THE ENDS OF THE CULVERT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTRICT ACCESS.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE PUMPS TO DRAIN THE PROJECT AREA.
- FLAGGING WILL BE REQUIRED FOR ANY WORK WITHIN 25 FT. OF ANY TRACK OR AS OTHERWISE REQUIRED BY THE UPRR SPECIAL PROVISIONS. THIS WORK SHALL BE PAID FOR AS RAILROAD FLAGMEN.

**SEQUENCE OF OPERATIONS**

- TRACK AND BRIDGE RAISE BY UPRR. CONSTRUCT WINGWALL EXTENSIONS.
- IMPLEMENT TRAFFIC CONTROL MEASURES AS REQUIRED
- INSTALL TEMPORARY ABUTMENT BRACING
- INITIATE EARTH EXCAVATION, REMOVALS AND RELOCATIONS
- INSTALL INLET, STORM SEWER AND CONDUIT
- CONSTRUCT REINFORCED CONCRETE BOX CULVERT
- CONSTRUCT SIDEWALK, CURB WALLS AND LIGHTING FOUNDATIONS
- INSTALL PEDESTRIAN RAILING AND CHAIN LINK FENCE
- COMPLETE LANDSCAPING
- LIGHT POLE, LUMINAIRE AND WIRING BY VILLAGE
- EXISTING BRIDGE GIRDER REMOVAL AND PLACEMENT OF BALLAST ON TOP OF CULVERT BY UPRR.

**TRAFFIC CONTROL NOTES**

- ALL TRAFFIC CONTROL MEASURES SHALL BE PAID PER TRAFFIC CONTROL STANDARDS 701501, 701606 AND 701801. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN TRAFFIC CONTROL STANDARDS. QUANTITIES FOR PAVEMENT MARKING TAPE, AND WORK ZONE PAVEMENT MARKING REMOVAL SHALL BE MEASURED SEPARATELY FOR PAYMENT.
- TRAFFIC CONTROL & PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
- PERMANENT LANE CLOSURES ALONG NORTHWEST HIGHWAY WILL NOT BE ALLOWED. SHORT TIME CLOSURES FROM 9 A.M. TO 3 P.M. SHALL BE APPROVED BY THE ENGINEER. TEMPORARY LANE CLOSURES SHALL BE PERFORMED ACCORDING TO IDOT HIGHWAY STANDARD 701606.
- TWO-WAY TRAFFIC SHALL BE MAINTAINED ALONG DAVIS STREET AT ALL TIMES EXCEPT FOR SHORT PERIODS WHEN APPROVED BY THE ENGINEER. TEMPORARY LANES CLOSURES SHALL BE PERFORMED ACCORDING TO IDOT HIGHWAY STANDARD 701301.
- THE ENGINEER SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ANY CHANGE IN STAGING.
- ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
- EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED.
- TYPE I OR TYPE II BARRICADES WITH TWO WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIAL STOCKPILES AND ON EQUIPMENT WITHIN THE RIGHT OF WAY (NUMBER AND SPACING DEPENDANT ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER.

**LISTING OF HIGHWAY STANDARDS**

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-04 CURB RAMP FOR SIDEWALKS
- 601001 SUB-SURFACE DRAINS
- 602301 INLET, TYPE A
- 602401 MANHOLE, TYPE A
- 602406-01 MANHOLE, TYPE A, 1800 MM (72") DIAMETER
- 602701 CAST IRON STEPS
- 604001-02 FRAME AND LIDS, TYPE 1
- 606001-02 CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
- 664001-01 CHAIN LINK FENCE
- 701301-02 LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
- 701311-02 LANE CLOSURE, 2L 2W, MOVING DAY ONLY OPERATIONS
- 701501-03 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701606-04 URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
- 701801-03 LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 702001-05 TRAFFIC CONTROL DEVICES
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006 SIGN PANEL ERECTION DETAILS

**ALIGNMENT COORDINATE TABLE**

NO.	NORTHING	EASTING	DESCRIPTION
1	1,972,121.5370	1,081,197.4852	POT STA 49+00.00
2	1,972,207.9586	1,081,247.7973	TRACKS STA 50+00
3	1,972,251.1694	1,081,272.9533	POT STA 50+50.00

**CONTROL POINTS**

NO.	NORTHING	EASTING	STATION OFFSET	ELEVATION	DESCRIPTION
BM #54	1,972,341.0079 1,081,119.0076		50+50.26 178.12' LT	680.12	1" DIA BRASS DISC IN SOUTHEAST SIDE OF LIGHT POLE CONCRETE BASE 30'± SOUTH WEST OF CENTERLINE OF NORTHWEST HIGHWAY & 39'± NORTH OF CENTERLINE OF KENSINGTON ROAD
BM #58	1,971,663.7864 1,081,990.2631		49+03.27 915.44' RT	676.71	1" DIA BRASS DISC ON SOUTH SIDE OF LIGHT POLE CONCRETE BASE AT NORTHWEST CORNER OF DAVIS STREET AND BEVERLY LANE

**BENCHMARKS**

NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
TBM #1	N/A	N/A	677.87	SET "X" IN SIDEWALK ON SOUTH SIDE OF DAVIS STREET AT UNION PACIFIC RAILROAD PEDESTRIAN UNDERPASS CULVERT
TBM #2	N/A	N/A	681.04	SET "X" IN SIDEWALK AT NORTHWEST CORNER OF NORTHWEST HIGHWAY AND KENSINGTON ROAD

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PEDESTRIAN CULVERT UNDER UNION PACIFIC RAILROAD

**GENERAL NOTES, LISTING OF HIGHWAY STANDARDS AND SEQUENCE OF OPERATIONS**

0 5' 10' HORIZ  
NO SCALE  
DATE 01/20/06

DRAWN BY DMG  
CHECKED BY SDC

NOTE: BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.