

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 31	*	MACON	162	2
FEDERAL DIST. NO.		ILLINOIS	PROJECT	
* 02-00175-00-PV				

**STANDARDS LIST**

**HIGHWAY STANDARDS**

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301	INLET, TYPE A
602401	MANHOLE, TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	CAST IRON STEPS
604001-02	FRAME AND LIDS, TYPE 1
604006-02	FRAME AND GRATE, TYPE 3
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
666001	RIGHT OF WAY MARKERS
701501-03	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
702001-05	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
B.L.R. 22-4	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

**GENERAL NOTES**

- THE ENGINEER SHALL NOT GUARANTEE THE WORK OF ANY CONTRACTOR OR SUBCONTRACTOR, SHALL HAVE NO AUTHORITY TO STOP WORK, SHALL HAVE NO SUPERVISION OR CONTROL AS TO THE WORK OR PERSONS DOING THE WORK, SHALL NOT BE RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE JOB SITE OR HAVE ANY CONTROL OF THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENT, SCAFFOLDING, SUPPORTS, FORMS OR OTHER WORK AIDS, AND SHALL HAVE NO DUTIES OR RESPONSIBILITIES IMPOSED BY ACTS GOVERNING THE WORKPLACE. IN ADDITION, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL BE MODIFIED AS FOLLOWS:  
  
UNDER ARTICLE 105.01, ADD THE FOLLOWING SENTENCE: NOTHING CONTAINED HEREIN SHALL RELIEVE THE CONTRACTOR OF HIS/HER DUTY TO OBSERVE AND COMPLY WITH ALL APPLICABLE LAWS, NOR SHALL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S COMPLIANCE OR NON-COMPLIANCE WITH SUCH LAWS.  
  
UNDER ARTICLE 107.1, ADD THE FOLLOWING SENTENCE: THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S DUTY TO OBSERVE AND COMPLY WITH THE PROVISIONS OF THIS SECTION, OR FOR THE CONTRACTOR'S FAILURE TO DO SO.
- THE CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS INCLUDES SAFETY OF ALL PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE COUNTY AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- ALL ELEVATIONS ARE BASED ON U.S.G.S. MEAN SEA-LEVEL DATUM. THE PROPOSED GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND STATION CROSS SECTIONS ARE THE ELEVATIONS FOR THE FINISHED SURFACE AT LOCATIONS AS INDICATED.
- THE LOCATIONS OF THE EXISTING UNDERGROUND UTILITIES WERE OBTAINED FROM RECORDS AND FIELD SURVEYS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS PRIOR TO EXCAVATION FOR THE NEW WORK.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 1-800-892-0123 FOR FIELD LOCATIONS FOR BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED). THE VILLAGE OF LONG CREEK SHALL BE CONTACTED FOR FIELD LOCATIONS OF WATER MAIN. THE CITY OF DECATUR SHALL BE CONTACTED FOR FIELD LOCATIONS OF WATER MAIN AND SANITARY SEWER.
- 10' TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OF WORK TO EXISTING CURBS AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE COST OF TRANSITIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON COUNTY, CITY OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION.
- ALL TRENCHES BELOW AND WITHIN 2' OF ALL PROPOSED PAVED SURFACES SHALL BE BACK FILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH THE SPECIFICATIONS.
- THE HIGHWAY STANDARDS WITH THE REVISION NUMBERS SHOWN IN THE STANDARDS LIST SHALL APPLY TO THIS CONTRACT.
- PAYMENT FOR OVERHAUL WILL NOT BE MADE FOR EARTH MOVED TO OR FROM ANY SOURCE.
- WHERE PERMANENT SURVEY MARKERS OR MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MARKERS OR MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

- THE END AREAS SHOWN ON THE STATION CROSS SECTIONS ONLY REFLECT THE EARTH EXCAVATION AND EMBANKMENT ITEMS. THE PLAN QUANTITY FOR EARTHWORK DOES NOT INCLUDE THE VOLUME OF MATERIAL REMOVED AND PAID FOR AS PAVEMENT REMOVAL.
- DIMENSIONS FOR RADII SHOWN ON PLAN SHEETS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL PAVEMENT ELEVATIONS SHOWN ARE AT EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
- THE ABBREVIATION SSRB SHALL REFER TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2002.
- STORM SEWER BREAK-IN AND TIE-IN CONNECTIONS SHALL BE SEALED WITH NON-SHRINK GROUT. THE COST OF THE BREAK-IN AND TIE-IN CONNECTIONS SHALL BE INCLUDED WITH THE PRICE OF STORM SEWER PIPE.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN THE TRAFFIC CONTROL DEVICES SPECIFIED IN THE SPECIAL PROVISIONS AND THE PLANS DURING THE COURSE OF THE PROJECT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE THICKNESS AND TYPE OF ALL EXISTING PAVEMENT TO BE REMOVED PRIOR TO SUBMITTING A BID ON THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR VARIATIONS IN EXISTING PAVEMENT THICKNESSES OR TYPES SHOWN IN THE PLANS.
- ALL EXISTING PROPERTY PINS SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. ANY PROPERTY PIN THAT IS DAMAGED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL SAW CUT ALL EXISTING PAVED SURFACES FULL DEPTH PRIOR TO REMOVAL.
- THE FOLLOWING RATES WERE USED IN CALCULATING QUANTITIES FOR THIS PROJECT:  
  
BITUMINOUS MATERIALS PRIME COAT: 0.1 GAL/SQ YD  
BITUMINOUS CONCRETE SURFACE COURSE: 112 LB/INCH THICKNESS/SQ YD  
BITUMINOUS CONCRETE BINDER COURSE: 112 LB/INCH THICKNESS/SQ YD
- DRAINAGE STRUCTURE ELEVATIONS ARE GIVEN TO THE TOP OF MASONRY (T.O.M.)
- ALL TYPE 3 FRAME & GRATES SHALL HAVE AN "OPEN" CURB BOX. THE CURB BOX SHALL BE STAMPED WITH "DUMP NO WASTE DRAINS TO RIVER" OR "DUMP NO WASTE DRAINS TO WATERWAY."
- THE CONTRACTOR SHALL VERIFY THE SOURCE OF ALL SEWER TIE-IN LOCATIONS AS INDICATED ON THE PLAN BY MEANS OF DYE TESTING AND/OR SMOKE TESTING SEWER LINES. THE CONTRACTOR SHALL ONLY TIE IN NON-SANITARY WATER (IE. FLOW FROM SUMP PUMPS, GUTTERS OR OTHER SURFACE WATER DRAINS). THE CONTRACTOR SHALL NOTIFY THE COUNTY ENGINEER OF ALL SANITARY WASTE DISCHARGES TO THE EXISTING DITCHES. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT COST PER FOOT FOR STORM SEWER.
- THE CONTRACTOR SHALL PERFORM AN EXISTING SIGN INVENTORY RECORDING THE STATION AND OFF-SET FOR ALL EXISTING SIGNS PRIOR TO REMOVING AND STORING EXISTING SIGNS. THE INVENTORY WILL DETERMINE PLACEMENT OF SIGNS FOR FINAL LOCATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT COST PER LUMP SUM FOR THE VARIOUS TRAFFIC CONTROL PAY ITEMS.
- THE CONTRACTOR SHALL REMOVE AND TEMPORARILY RELOCATE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION IN ACCORDANCE WITH ARTICLE 107.20 OF THE SSRB.
- STATION AND OFFSET LOCATIONS OF FLARED END SECTIONS ARE CALLED OUT TO THE FLARED END.

**MIXTURE REQUIREMENTS**

LOCATION	CH 31	CH 31
MIXTURE USE	BINDER	SURFACE & INCIDENTAL
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	25	15
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMP (GRADATION)	IL 19.0	IL 9.5
FRICTION AGGREGATE	NA	MIX C

STANDARDS LIST, GENERAL NOTES AND COMMITMENTS		
REVISIONS	TURPIN ROAD CONNECTOR (CH 31) MACON COUNTY, ILLINOIS	DRAWN BY DATE LBM 05/03
No. DATE INITIALS		CHECKED BY DATE GLF 03/05
1		BOOK NUMBER 471
2		PROJECT No. 4805
3		SHEET No.
4		
5		
6		
7		
8		
9		
10		

**HOMER L. CHASTAIN & ASSOCIATES, LLP**  
CONSULTING ENGINEERS  
184-00187

DECATUR  
(317) 422-8544  
  
CHICAGO  
(773) 714-0050