

INDEX OF SHEETS

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STATE STANDARDS

STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420401-06	BRIDGE APPROACH PAVEMENT
442201-03	CLASS C AND D PATCHES
601001-03	SUB-SURFACE DRAINS
602001-01	CATCH BASIN, TYPE A
602306-02	INLET TYPE B
602401-02	MANHOLE TYPE A
602406-03	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE I
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
606301-04	PC CONCRETE ISLAND AND MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-07	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-02	CONCRETE BARRIER, DOUBLE FACE, 42 in. (1065 mm) HEIGHT
664001-02	CHAIN LINK FENCE
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-07	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45MPH
701446-01	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR DIGGER (CHICAGO AREA) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- 3 METER (10 FEET) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- ALL STORM SEWER CONNECTIONS WITH PIPES 675 MM (27 INCHES) DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 675 MM (27 INCHES) DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 40 MM (1 1/2 INCHES) WHERE THE SPEED LIMIT IS 80 KM/H (45 MPH) OR LESS AND 25 MM (1 INCH) WHERE THE SPEED LIMIT IS GREATER THAN 80KM/H (45 MPH), WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 75 MM (3 INCHES) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- WHERE SECTION, SUBSECTION, SUBDIVISION OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- DURING CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
- THE THICKNESS OF HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
- PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS TO CONCRETE MEDIAN SURFACES AND BARRIER, APPROACH AND SHOULDER SLABS, ALL EXPOSED SURFACES OF CURBS AND GUTTERS. ANY PART OF THIS ITEM CAN BE DELETED OR ANOTHER ADDED AT THE DISCRETION OF THE ENGINEER.
- SAW CUTTING: A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HMA SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
- THE CONTRACTOR'S SPECIAL ATTENTION IS REQUIRED TO PRESERVE AS MANY TREES, SHRUBS, AND BUSHES AS POSSIBLE DURING THE CONSTRUCTION OF THE IMPROVEMENT. COST OF REMOVAL OF HEDGES AND BRUSH WHICH ARE NOT LISTED SEPARATELY AS A PAY ITEM IN THE PLANS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF EARTH EXCAVATION. PLAN QUANTITIES FOR TREE REMOVAL HAVE BEEN BASED ON REMOVAL OF TREES WITHIN THE CONSTRUCTION LIMITS. THIS QUANTITY MAY BE REDUCED OR INCREASED DURING CONSTRUCTION AT THE DISCRETION OF THE ENGINEER.
- THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL BE REQUIRED TO RELOCATE OR TO REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION.

ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK DEMANDS.
B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO HIGHWAY TRAFFIC. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT FOR THE DURATION OF THE TEMPORARY SETTING.
C. ALL PAVEMENT MARKINGS PROPOSED WITHIN A GIVEN WORK AREA SHALL BE COMPLETED PRIOR TO CONSTRUCTION PHASE CHANGE.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	(0202.6-2P, ETC, 1415 & 1517R-7	COOK	246	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62408

- A MINIMUM THICKNESS OF 4 INCHES OF TOPSOIL SHALL BE PLACED OVER THE ENTIRE AREA TO BE SODDED OR SEEDED.
- WHEREVER CONCRETE MASONRY WALLS, HEADWALLS, OR OTHER OBSTRUCTIONS ARE ENCOUNTERED, THEY SHALL BE REMOVED TO AN ELEVATION OF 1 FOOT BELOW THE ESTABLISHED GRADE OR SUBGRADE AS SHOWN ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION, UNLESS IDENTIFIED IN THE PLANS TO BE PAID FOR AT THE UNIT BID PRICE FOR CONCRETE REMOVAL.
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- THE CONTRACTOR SHALL PROVIDE FOR TEMPORARY DRAINAGE UNTIL THE FINAL SURFACE IS PLACED. COST SHALL BE INCLUDED IN EARTHWORK.
- DRAINAGE STRUCTURE GRADES AND LOCATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS.
- ADDED EXPENSE INVOLVED IN CONNECTING EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR DRAINAGE ITEM INVOLVED.
- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES), AND FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES AND FABRIC WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES AND FABRIC OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

		LOCATION				
RAMP	RAMP STA.	MAINLINE STA.	UNDERCUT (C.Y.)	PGES (C.Y.)	GEO-FABRIC (C.Y.)	
		30+80 - 31+52	10.9	10.9		
		21+00 - 30+68	425.3	425.3		
F	11+50 - 8+00		273.3	273.3	819.8	
E		31+52 - 35+00	130.8	68.3		
		20+76 - 33+51	425.9	425.9		
A		32+93 - 35+00	46.3	46.3		
		38+80 - 40+48	38.5	38.5		
F&H	8+00 - 1+00		803.4	803.4	2410.3	
E		35+00 - 39+20	303.9	295.3		
O		40+48 - 48+77	413.9	315.3		
		35+57 - 37+70	48.7	48.7		
A		44+93 - 47+42	57.0	57.0		
B		35+00 - 35+57	15.8	15.8		
L		37+21 - 44+93	390.3	299.3		
Q		46+84 - 50+00	168.4	161.4		
L		50+75 - 52+10	18.1	18.1		
		50+00 - 54+51	217.4	217.4		
		TOTAL	3787.8	3787.8	3230.0	

- UNDERDRAIN SLOPEWALL AND PIPE REMOVAL SHALL BE INCLUDED IN THE COST OF EARTHWORK.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

COMMITMENTS
NONE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES
INDEX OF SHEETS
STATE STANDARDS**

SCALE : NTS
DATE : 02/27/09

DRAWN BY : BEC
CHECKED BY : JGB

3-5-09

