

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 2006-00275-00-PV		LaSALLE	218	2
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 87352

LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542546-01	FLUSH INLET BOX FOR MEDIAN
542606-01	REINFORCED CONCRETE PIPE TEE
601001-03	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602301-02	INLET - TYPE A
602306-02	INLET - TYPE B
602401-02	MANHOLE - TYPE A
602406-03	MANHOLE - TYPE A, 6' (1.8 m) DIAMETER
602416-03	MANHOLE - TYPE A, 8' (2.4 m) DIAMETER
602421-01	MANHOLE - TYPE A, 9' (2.7 m) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS, TYPE 1
604006-04	FRAME AND GRATE, TYPE 3
604036-02	GRATE TYPE 8
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701206-02	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS ≥ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-03	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-07	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
B.L.R. 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
B.L.R. 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

G30001-08 STEEL PLATE BEAM GUARDRAIL

LEGEND

	TREE (TO BE REMOVED)
	EXISTING FENCE
	PROPOSED DITCH FLOW
	PROPOSED SPECIAL DITCH FLOW
	PROPOSED HOT-MIX ASPHALT ENTRANCE
	PROPOSED PCC ENTRANCE
	EXISTING HOT-MIX ASPHALT PAVEMENT TO BE REMOVED

GENERAL NOTES

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT YELLOW/GREEN OR ORANGE VESTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH ANSI CLASS 2 REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.

THE LOCATIONS OF KNOWN UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND DO NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THESE UTILITIES AND THE EXISTENCE AND LOCATION OF ANY UTILITY NOT SHOWN ON THE PLANS.

THE CONTRACTOR SHALL NOTIFY THE UTILITIES AT LEAST TEN (10) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURES ARE TO BE PLACED.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.

IF ANY LOOSE MATERIAL IS DEPOSITED DURING CONSTRUCTION OPERATIONS IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT IT RESTRICTS THE NATURAL FLOW OF WATER, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THIS CONTRACT.

ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, NEW OR EXISTING, DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID IN ACCORDANCE WITH ARTICLE 109.04.

ALL SCHOOL DISTRICTS, LOCAL POLICE DEPARTMENTS AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST TEN (10) DAYS PRIOR TO THE START OF CONSTRUCTION.

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL EXISTING GRANULAR MATERIAL AND HOT-MIX ASPHALT MATERIALS TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. IF THE HOT-MIX ASPHALT MATERIAL IS REMOVED BY EXCAVATION, NO SUCH MATERIAL MAY BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER.

SAW CUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS AS SHOWN ON THE PLANS. THIS SHALL BE INCLUDED IN THE COST OF CONCRETE DRIVEWAY PAVEMENT.

ADJUSTMENTS OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE SYSTEM OF THE STRUCTURE INVOLVED.

ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL HAVE TWO SANDBAGS ON THE BOTTOM RAIL.

THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.

TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION. THE LOCATIONS OF TOPSOIL TO BE STOCKPILED WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS ACCESSIBLE TO THE DISABLED AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.

THE STATION, OFFSET AND ELEVATION SHOWN FOR CATCH BASINS, INLETS, AND MANHOLES CONSTRUCTED IN CONJUNCTION WITH THE CURB AND GUTTER IS AT THE FLOW LINE.

THE STATION, OFFSET AND ELEVATION SHOWN FOR CATCH BASINS, INLETS, AND MANHOLES NOT CONSTRUCTED IN CONJUNCTION WITH THE CURB AND GUTTER IS AT THE CENTER OF THE FRAME AND GRATE.

THE ELEVATION OF THE REINFORCED CONCRETE FLAT SLAB TOP (STD. 602601) SHOWN IN THE PLANS IS AT THE TOP OF THE REINFORCED CONCRETE FLAT SLAB.

THE INVERT OF THE FOLLOWING EXISTING STORM SEWERS SHALL BE CHECKED BEFORE ANY CONSTRUCTION IS STARTED ON THE RUN OF PROPOSED STORM SEWER THAT OUTFALL INTO THIS EXISTING STORM SEWER

C.H. 20 (ETNA RD.):	STA. 8+76.08, 58.25' LT., STA. 9+92.05, 80.00' LT., STA. 9+98.22, 29.97' LT., STA. 9+99.25, 76.50' RT., STA. 10+01.56, 45.11' RT., STA. 18+86.55, 36.34' LT., STA. 19+42.00, 31.13' LT., STA. 20+02.38, 37.25' LT., STA. 31+50.74, 238.57' RT., STA. 36+55.39, 28.08' LT.
C.H. 20 (CHAMPLAIN ST.):	STA. 183+27.17, 27.57' LT.
CENTENNIAL DR.:	STA. 900+90.00, 38.80' LT.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS-----	2.05 TONS/CU YD
BITUMINOUS MATERIALS PRIME COAT-----	0.08 GAL/SQ YD OR
	0.375 GAL/SQ YD
HOT-MIX ASPHALT SURFACE COURSE-----	112 LBS/SQ YD/INCH
HOT-MIX ASPHALT BINDER COURSE-----	115 LBS/SQ YD/INCH
NITROGEN FERTILIZER NUTRIENT-----	90 LBS/ACRE (SEEDING) 60 LBS/ACRE (SODDING)
PHOSPHORUS FERTILIZER NUTRIENT-----	90 LBS/ACRE (SEEDING) 60 LBS/ACRE (SODDING)
POTASSIUM FERTILIZER NUTRIENT-----	90 LBS/ACRE (SEEDING) 60 LBS/ACRE (SODDING)
SHORT TERM PAVEMENT MARKING-----	10 FT/100 FT OF FINAL APPLICATION
LEVELING BINDER (MACHINE METHOD)-----	112 LBS/SQ YD/INCH
SUPPLEMENTAL WATERING-----	3 GAL/SQ YD/APPLICATION
MULCH METHOD II-----	2 TONS/ACRE