

INDEX OF DRAWINGS

1 COVER SHEET
 2 INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES
 3-4 SUMMARY OF QUANTITIES
 5-8 TYPICAL SECTIONS
 9-10 SCHEDULES OF QUANTITIES
 11 ALIGNMENT, TIES, AND BENCHMARKS
 12-13 PLAN AND PROFILE
 14-22 SUGGESTED MAINTENANCE OF TRAFFIC
 23 PAVEMENT MARKING AND LANDSCAPING PLAN
 24 EROSION CONTROL
 25 PIPE JACKING DETAILS
 26 PAVEMENT PATCHING DETAILS
 27 LANDSCAPING DETAILS
 28-40 SIGN STRUCTURE PLANS
 41-44 RETAINING WALL PLANS
 45-53 IDOT DISTRICT ONE DETAILS
 54-60 CROSS SECTIONS
 HIGHWAY STANDARDS

LIST OF STATE STANDARDS

000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
 420001-07 PAVEMENT JOINTS
 442101-07 CLASS B PATCHES
 442201-03 CLASS C AND D PATCHES
 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
 601001-03 SUBSURFACE DRAINS
 602001-01 CATCH BASIN TYPE A
 602011-01 CATCH BASIN TYPE C
 602301-02 INLET TYPE A
 602306-02 INLET TYPE B
 602401-02 MANHOLE TYPE A
 602406-03 MANHOLE TYPE A 6' DIAMETER
 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 604001-03 FRAMES AND LIDS, TYPE 1
 604046-02 FRAME AND GRATE TYPE 10
 604071-04 FRAME AND GRATE TYPE 20
 604086-02 FRAME AND GRATE TYPE 23
 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
 606101-04 TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
 630001-08 STEEL PLATE BEAM GUARDRAIL
 635001-01 DELINEATORS
 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
 637001-04 CONCRETE BARRIER, DOUBLE FACE, 815 mm (32 IN) HEIGHT
 701101-02 OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
 701400-03 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
 701401-05 LANE CLOSURE, FREEWAY/EXPRESSWAY
 701406-05 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
 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 >= 45 MPH
 701446-01 TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
 701901-01 TRAFFIC CONTROL DEVICES
 704001-05 TEMPORARY CONCRETE BARRIER
IDOT DISTRICT ONE DETAILS * INCLUDED AS PLAN SHEETS 45-53
 BD07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
 BD24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
 BD34 DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STABILIZATION AT TBT TY 1 SPL
 TC09 FREEWAY SINGLE AND MULTI-LANE WEAVE
 TC12 MULTI-LANE FREEWAY PAVEMENT MARKING (2 SHEETS)
 TC17 TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
 TC18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
 TC22 ARTERIAL ROAD INFORMATION SIGN

GENERAL NOTES

- ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL CUAN (CHICAGO UTILITY ALERT NETWORK), (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
- 10 ft (3 m) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 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 AREAS.
- 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 OPERATION 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.
- PROTECTIVE COAT SHALL BE APPLIED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATION TO CONCRETE BARRIER, 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, CURB AND GUTTER, HMA SURFACES TO BE REMOVED AND THAT LEFT IN PLACE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL. SAW CUTS FOR PAVEMENT PATCHING SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ARTICLE 442.
- 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.
- DRAINAGE STRUCTURE INVERTS AND LOCATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. BEFORE ORDERING STORM SEWERS, INLETS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
SHOULDERS		
HOT-MIX ASPHALT SHOULDER, 10 INCH (IL-9.5 mm)	PG 64-22	4% @ 70 GYR.
HOT-MIX ASPHALT SHOULDER, 6 INCH (IL-9.5 mm)	PG 64-22	4% @ 70 GYR.
PATCHING (SHOULDER)		
CLASS D PATCHES, TYPE I, II, III, OR IV 10 INCH (HMA BINDER IL-19 mm)	PG 64-22*	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	PG 64-22*	4% @ 70 GYR.
PATCHING (MAINLINE & RAMPS)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	PG 64-22	4% @ 105 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.