

INDEX OF SHEETS

SHEET NO.

1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES, AND STATE STANDARDS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6	ALIGNMENT, TIES, AND BENCHMARKS
7-9	ROADWAY PLANS
10	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - NOTES
11	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - SEQUENCE OF CONSTRUCTION
12	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - TYPICAL SECTIONS
13	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - STAGE 1
14	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL - STAGE 2
15-18	SOIL EROSION AND SEDIMENTATION CONTROL PLANS
19-21	DRAINAGE AND UTILITIES
22	PAVEMENT MARKING AND LANDSCAPING PLANS
23	DETECTOR LOOP PLANS
24-47	STRUCTURAL PLANS
48-56	DISTRICT ONE DETAILS
57-58	CROSS-SECTIONS

LIST OF STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
420401-08	BRIDGE APPROACH PAVEMENT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING
515001-03	NAME PLATE FOR BRIDGES
601101-01	CONCRETE HEADWALL FOR DRAIN PIPE
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631011-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701101-02	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-03	OFF ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701421-04	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY 45-55 MPH
701427-10	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≤ 40 MPH
701431-07	LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER 45-55 MPH
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
886001-01	DETECTOR LOOP INSTALLATIONS

DISTRICT ONE DETAILS

BD08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENTS
BD32	BUTT JOINTS AND HMA TAPER DETAILS
BD34	DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STABILIZATION AT TBT TY. 1 SPL.
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC22	ARTERIAL ROAD INFORMATION SIGN
TS07	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- 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.
- ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
- ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THE WORK SHALL BE DISPOSED OF BY THE CONTRACTOR THIS WORK IS INCLUDED IN THE COST OF EARTH EXCAVATION OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
- ALL CLEARING, REMOVAL OF BUSHES, HEDGES AND TREES UNDER SIX (6) INCHES IN DIAMETER WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
- 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND 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 SPECIFIED.
- 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. ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) WEIGHTED SANDBAGS PER BARRICADE.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 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 HOT-MIX ASPHALT TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- TOPSOIL SHALL BE PLACED TO A DEPTH OF SIX (6) INCHES AND BE MEASURED IN SQUARE YARDS.
- THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.
- TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.
- ALL EXISTING GRANULAR AND BITUMINOUS 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 BITUMINOUS MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. IF THE BITUMINOUS MATERIAL IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. BITUMINOUS MATERIAL REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO BITUMINOUS MATERIAL SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.
- THE CONTRACTOR SHALL NOT CROSS NEWLY COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH LOADED SCRAPPERS OR TRACK EQUIPMENT.
- ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB-BASE GRANULAR MATERIAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMANS, AND STREET LIGHT TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.
- THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNER OF THE UTILITY.
- ALL ADJUSTMENTS OR RECONSTRUCTIONS SHALL INCLUDE THE REMOVAL AND REPLACEMENT, AT THE CONTRACTOR'S EXPENSE, OF ALL UNSUITABLE TWO (2) FOOT INSIDE DIAMETER ADJUSTING RINGS.
- ADJUSTMENT OF STRUCTURES MAINTAINED BY DU PAGE DIVISION OF TRANSPORTATION SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE DU PAGE DIVISION OF TRANSPORTATION.
- 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 FOR AT THE APPLICABLE CONTRACT UNIT PRICE OR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- SEWER OR CULVERT TRENCHES CROSSING TRAFFIC LANES SHALL BE TEMPORARILY PATCHED WITH FOUR (4) INCHES HOT MIX ASPHALT BASE COURSE; THE COST OF THE HOT MIX ASPHALT BASE COURSE WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE SEWER OR CULVERT. THIS PRICE SHALL INCLUDE THE COST OF MAINTAINING THE PATCH TO THE SATISFACTION OF THE ENGINEER.
- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AGGREGATE BASE COURSE, AND HOT MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS. THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT MIX ASPHALT SURFACE COURSE.
- THE MAXIMUM COMPACTED THICKNESS OF ANY LIFT OF BINDER OR SURFACE COURSE SHALL BE 2.5 INCHES.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

USER NAME = dsupten\l1s1e	DESIGNED - JAC	REVISED -	 PATRICK ENGINEERING INC. 4670 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	DUPAGE COUNTY DIVISION OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES & STATE STANDARDS 75TH STREET OVER EAST BRANCH DUPAGE RIVER			FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT CONFIG= PDF\Greg.L\large.plt	DRAWN - JAC	REVISED -			0369	08-00162-03-BR	DUPAGE	58	2			
PLOT SCALE = 1:500	CHECKED - DES	REVISED -			CONTRACT NO. 63662							
PLOT DATE = 1/6/2012	DATE - 12-19-2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET	* OF *	STA.	TO STA.			