

INDEX OF SHEETS

1		COVER SHEET
2		INDEX OF SHEETS, GENERAL NOTES
3	TO 6	SUMMARY OF QUANTITIES
7	TO 10	TYPICAL SECTIONS
11		CIVIL SCHEDULES
12		ALIGNMENT, TIES, AND BENCHMARKS
13	TO 16	REMOVAL PLAN
17	TO 23	PROPOSED PLAN AND PROFILE
24		PROPOSED PLAN AND SECTION - MILL CREEK ROAD
25	TO 26	MAINTENANCE OF TRAFFIC - GENERAL NOTES
27	TO 28	MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
28a		MAINTENANCE OF TRAFFIC PRESTAGE RAMP C
29	TO 35	MAINTENANCE OF TRAFFIC STAGE 1
36	TO 41	MAINTENANCE OF TRAFFIC STAGE 2
42	TO 43	DETOUR PLAN
44	TO 47	EROSION CONTROL
48	TO 53	PROPOSED DRAINAGE PLAN
54	TO 55	PROPOSED DRAINAGE SCHEDULE
56	TO 62	ROW PLAN
63	TO 67	JOINTING PLAN
68	TO 73	EXISTING UTILITY PLAN
74	TO 76	SIGNING SCHEDULE
77	TO 82	PAVEMENT MARKING AND SIGNING PLAN
83	TO 86	LANDSCAPING PLAN
87	TO 90	CONTOUR GRADING PLAN
91	TO 102	TRAFFIC SIGNAL PLANS
103	TO 112	LIGHTING PLAN
113	TO 114	RETAINING WALLS
115	TO 147	STRUCTURAL PLANS RUSSELL ROAD OVER SB I-94
148	TO 178	STRUCTURAL PLANS RUSSELL ROAD OVER NB I-94
179	TO 179A	CIVIL DETAILS
180	TO 198	DISTRICT DETAILS
199	TO 225	CROSS SECTION SHEET

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420401-08	BRIDGE APPROACH PAVEMENT
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021	DEPRESSED CORNER
424026	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
483001-04	PCC SHOULDERS
515001-03	NAME PLATE FOR BRIDGES
542101-02	REINFORCED CONCRETE END SECTION FOR PIPE CULVERTS AT RIGHT ANGLES WITH ROADWAY
542300-03	PRECAST REINFORCED CONCRETE FLATED END SECTION
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602401-03	MANHOLE TYPE A
604001-03	FRAME AND LIDS TYPE 1
604036-02	GRATE TYPE B
604071-04	FRAME AND GRATE TYPE 20
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B6.24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606301-04	PC CONCRETE ISLAND AND MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LNK FENCE
665001-02	WOVEN WIRE FENCE
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W DAY ONLY FOR SPEEDS > 45 MPH
701206-03	LANE CLOSURE, 2L, 2W NIGHT ONLY FOR SPEEDS > 45MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701400-05	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY / EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701446-03	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
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 & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
782001	PRISMATIC CURB REFLECTORS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED UTILITIES.
- THE CONTRACTOR SHALL COORDINATE WORK ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK AND AGAIN AT LEAST 72 HOURS PRIOR TO FINAL PAVEMENT MARKING INSTALLATION.
- THE CONTRACTOR SHALL USE CARE IN WORKING NEAR ANY AND ALL EXISTING ITEMS THAT WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- SAW CUTTING IS INCLUDED TO THE PROPOSED ITEM OF WORK SPECIFIED, UNLESS OTHERWISE SHOWN IN PLAN.
- WHERE 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL ISTHA FIBER UTILITIES PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL INITIATE THE LOCATION PROCESS FOR THE FIBER OPTIC CABLE BY COMPLETING A "REQUEST TOLLWAY UTILITIES LOCATE" FORM FILLED IN ONLINE AT THE TOLLWAY WEBSITE UNDER "DOING BUSINESS" AT LEAST FOUR BUSINESS DAYS PRIOR TO STARTING ANY UNDERGROUND OPERATIONS WITHIN 200' OF I-94.
- TEMPORARY EDGE LINES IN THE SUGGESTED MAINTENANCE OF TRAFFIC MUST BE INSTALLED BEFORE LANES REOPEN TO TRAFFIC.
- VERTICAL PANELS OR BARRELS WILL REMAIN IN PLACE ALONG THE EDGES OF PAVEMENT AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS UNTIL THE SURFACE COURSE AND PROPOSED PAVEMENT MARKING EDGE LINES HAVE BEEN COMPLETED.
- SURFACE TESTING OF ASPHALT PAVEMENTS WILL BE PERFORMED BY THE CONTRACTOR AS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS AND THE COST SHALL BE INCLUDED IN THE COST OF THE HMA ITEMS BEING TESTED.
- THE CONTRACTOR SHALL COORDINATE WITH BRETT MASON OF THE LAKE COUNTY DIVISION OF TRANSPORTATION AT (847) 878-9804 TO COORDINATE PLACE OF PERMENANT SIGNING PRIOR TO ANY TRAFFIC SHIFTS. WITHIN TWO WEEKS OF THE CONTRACTOR'S NTP, THE CONTRACTOR SHALL PROVIDED A DETAILED LIST OF WHICH NEEDED TO BE INSTALLED WITH A CORRESPONDING ESTIMATED DATE.
- PIPE UNDERDRAINS 4" (SPECIAL) WILL OUTLET THE PIPE UNDERDRAIN EVERY 500' LONGITUDINALLY, AND A CONCRETE HEADWALL FOR PIPE DRAINS WILL BE PLACED WHERE THE PIPE DAYLIGHTS.
- BACKFILL MATERIAL UTILIZED FOR THE INSTALLATION OF THE PIPE UNDERDRAIN AND PIPE UNDERDRAIN (SPECIAL) PAY ITEMS WILL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN, 4".
- THIS PROJECT WILL REQUIRE A PERMIT IN ACCORDANCE WITH GENERAL NPDES PERMIT NO. ILR10 BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY. SEE CONTRACT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.
- FARM TILE SHOWN IN THE DRAINAGE PLAN WAS TAKEN FROM THE 1958 ORIGINAL CONSTRUCTION RECORD DRAWINGS. IF THE CONTRACTOR ENCOUNTERS FUNCTIONING FIELD TILE, THE FLOW WILL BE MAINTAINED AS DIRECTED BY THE ENGINEER. IF THE FIELD TILE IS NOT FUNCTIONING, THE CONTRACTOR SHALL PLUG AND ABANDON IT AS DIRECTED BY THE ENGINEER.
- ON STATE STANDARDS 482001 AND 483001 AGGREGATE SUBGRADE 12" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SQUARE YARD OF AGGREGATE SUBGRADE 12".
- ALL PCC JOINTED PAVEMENT CONSTRUCTED AS PART OF THE PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE CONTRACT PROVISION "EXTENDED LIFE CONCRETE PAVEMENT (30 YEAR)"
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE ENGINEER SHALL CONTACT DEBBIE HANLON, AREA TRAFFIC FIELD TECHNICIAN, AT (847) 438-2300.

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	THICKNESS
MULTI-USE PATH HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm)	4% @ 50 GYR	3"
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9" (FRONTAGE ROAD) HMA BINDER COURSE, IL 19.0, N70 HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR 4% @ 70 GYR	2 1/4" MIN 2"
TEMPORARY PAVEMENT HMA BINDER COURSE, IL 19.0, N50 HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm)	4% @ 50 GYR 4% @ 50 GYR	2 1/4" MIN 2"
DRIVEWAYS/PARKING LOTS/HMA STABILIZATION 6" AT SPBGR HMA BINDER COURSE, IL 19.0, N50 HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm)	4% @ 50 GYR 4% @ 50 GYR	2 1/4" MIN 2"
STABILIZED SUBBASE HOT-MIX ASPHALT, 4 1/2" STABILIZED SUBBASE HMA, (IL-19.0 mm)	3% @ 50 GYR	4 1/2"
MILL CREEK ROAD HMA BINDER COURSE, IL 19.0, N50 HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm)	4% @ 50 GYR 4% @ 50 GYR	2 1/4" 1 1/2"

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX SURFACE MIXTURES IS 112 LBS/50 YD/INCH THICKNESS.
- FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS."
- PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS", 10" THICK

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1(HB & HB-1)R	LAKE	225	2
CONTRACT NO. 60L76			ILLINOIS FED. AID PROJECT	

Rev.

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