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HIGHWAY STANDARDS

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001006	DECIMAL OF AN INCH AND OF A FOOT
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642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS
701321-18	LANE CLOSURE 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
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782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
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GENERAL NOTES

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL AGGREGATE	2.05 TONS/CU. YD.
RIPRAP	1.50 TONS/CU. YD.
ALL HOT-MIX ASPHALT	2.016 TONS/CU. YD.
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL BINDER COURSE, AND SURFACE COURSE.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.
- LONGITUDINAL JOINT SEALANT SHALL BE PLACED ALONG THE CENTERLINE JOINT, UNDER THE HMA SURFACE COURSE.
- TO RETAIN THE TEMPORARY CONCRETE BARRIER FOR STAGE II TRAFFIC, THE CONTRACTOR SHALL HAVE THE OPTION OF USING EITHER 2 (#5) BAR SPLICER OR 2 CAST-IN-PLACE INSERTS AT 6" CENTERS AT THE MID-DEPTH OF THE PCC PAVEMENT. THE BAR SPLICERS OR INSERTS SHALL HAVE A MINIMUM PROOF LOAD OF 5,000 POUNDS, ALONG WITH THE ANCHORING DEVICES, THE CONTRACTOR SHALL PROVIDE ONE STEEL RETAINING PLATE AND 1/2" DIAMETER BOLT AND WASHERS EVERY 6 FEET AS SHOWN ON DETAIL II ON SHEET 57 FROM STA. 703+03.84 R2 TO STA. 706+17.84 R2 AND ON SHEET 82 FROM STA. 719+78.50 R2 TO STA. 722+67.50 R2 FOR STAGE II TRAFFIC, THIS WORK SHALL BE INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER.

COMMITMENTS

- TO MINIMIZE IMPACTS TO THE COPPERBELLY WATER SNAKES, CONSTRUCTION WORKERS WILL BE INFORMED THAT IF ANY SNAKE IS ENCOUNTERED THAT IT IS NOT TO BE HARMED.
- IMPACTS TO INDIANA BATS, NORTHERN LONG-EARED BATS, AND TRI-COLORED BATRS WILL BE MITIGATED BY IMPLEMENTING A TREE CLEARING RESTRICTION THAT WILL ALLOW TREE CLEARING ONLY DURING THE PERIOD OF TIME BETWEEN SEPTEMBER 30 AND APRIL 1. DURING THIS TIME PERIOD INDIANA BATS ARE UTILIZING CAVES FOR ROOSTING AND NOT TREES.
- IT IS ANTICIPATED THAT THERE WILL BE UNAVOIDABLE IMPACTS TO THE ARKANSAS SEDGE IN AN AREA EAST OF THE NORTH FORK SALINE RIVER UNDER AN EXISTING AERIAL UTILITY LINE. TO MITIGATE THESE IMPACTS THE DISTRICT AGREES TO RE-SEED (WITH THE HELP OF INHS) IDENTIFIED POPULATIONS OF THE SPECIES TO THE AREA UNDER THE NEWLY RELOCATED AERIAL UTILITY LINE. REMAINING POPULATIONS OF ARKANSAS SEDGE AT OR NEAR THE EDGE OF THE CONSTRUCTION LIMITS WILL BE FLAGGED OR FENCED-OFF TO ELIMINATE OR REDUCE FURTHER IMPACT. CALL CALVIN ANDRIES (IDOT ENVIRONMENTAL SPECIALISTS) AT 618-351-5263 30 DAYS PRIOR TO ANY CONSTRUCTION ACTIVITIES OUTSIDE THE EDGE OF SHOULDER SO THAT ARKANSAS SEDGE GRASS CAN BE MOVED OR PROTECTED.
- PRIOR TO CONSTRUCTION, A WATER HICKORY TREE LOCATED IN WETLAND SITE ONE SHALL BE MARKED OR FLAGGED IN THE FIELD BY THE DISTRICT (WITH THE HELP OF INHS) SO IT CAN BE AVOIDED BY THE CONTRACTOR DURING ANY TREE REMOVAL OR EARTHWORK ACTIVITIES. THIS TREE SHALL BE MARKED OR FLAGGED AS EXISTING PLANT MATERIAL TO BE PROTECTED BY THE CONTRACTOR AS OUTLINED IN ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

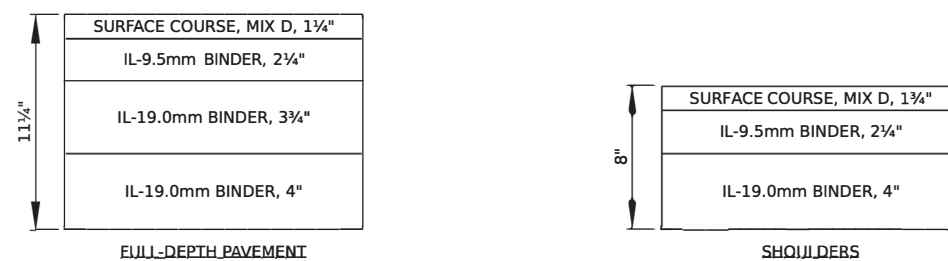
5. DUE TO THE PRESENCE OF LEAD PAINT ON THE ORIGINAL BRIDGE HANDRAILS AND ON THE BEARINGS FOR BOTH BRIDGES, THE REMOVAL OF THESE ITEMS MUST BE DONE IN SUCH A MANNER THAT THEY DO NOT COME INTO CONTACT WITH THE STREAM AND TO PREVENT ANY LOOSE PAINT RESIDUE FROM BEING ABLE TO ENTER THE STREAM.



MIXTURE TABLE

LOCATIONS	HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT BINDER COURSE, TOP LIFT OF BINDER	HOT-MIX ASPHALT LOWER LIFTS PAVEMENT AND SHOUDLERS	HOT-MIX ASPHALT SURFACE COURSE (8" SHOULDERS)
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70	HOT-MIX ASPHALT BINDER COURSE, N70	HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
AB/PG:	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% 70 GYRATION DESIGN	4.0% 70 GYRATION DESIGN	4.0% 70 GYRATION DESIGN	4.0% 70 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5mm	IL-9.5mm	IL-19.0mm	IL-9.5mm
FRICTION AGGREGATE:	MIX D	NONE	NONE	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	3000	3000	3000	3000
MATERIAL TRANSFER DEVICE	NO	NO	NO	NO

REQUIRED LIFT THICKNESS:



REVISION 1-6-2023
REV. - MS

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PLOT DATE = 12/9/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.P. 332 (U.S. ROUTE 45)
GENERAL NOTES**

SCALE: NTS | SHEET 1 OF 2 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	29B-3; 29B-4	SALINE	150	3
CONTRACT NO. 78716				
ILLINOIS / FED. AID PROJECT				

CONSTRUCTION CODE
F.A.P. 332 - SALINE COUNTY
FUNDING: 80% FEDERAL, 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BRIDGE
				0004	0010	0010
				RURAL	S.N. 083-0073	S.N. 083-0074
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	5,196	5,196		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	36	36		
67100100	MOBILIZATION	L SUM	1	1		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	730	730		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		0.5	0.5
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	728	728		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4,050	4,050		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	7,364	7,364		



⚠️ REVISED 1-6-2023
REV. - MS

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.P. 332 (U.S. ROUTE 45)
SUMMARY OF QUANTITIES**

SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 29B-3; 29B-4	COUNTY SALINE	TOTAL SHEETS 150	SHEET NO. 9
CONTRACT NO. 78716			ILLINOIS FED. AID PROJECT	