

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH & OF A FOOT
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-17	TRAFFIC BARRIER TERMINAL, TYPE 6
701101-05	OFF-RD OPERATIONS, MULTILANE 15'(4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS MULTILANE, MORE THAN 15' AWAY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTI-LANE, AT FREEWAY ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701428-01	TRAFFIC CONTROL, SETUP & REMOVAL, FREEWAY/EXPRESSWAY
701429-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT & TERMINAL MARKERS
782006-01	GUARDRAIL & BARRIER REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
878001-11	CONCRETE FOUNDATION DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS



GENERAL NOTES:

- UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:
AMEREN ILLINOIS ELECTRIC ENABLE - MISSISSIPPI RIVER TRANSMISSION
SPIRE GAS AT&T

THE FOLLOWING FACILITIES ARE NOT MEMBERS OF J.U.L.I.E.:
IDOT UNDERGROUND ELECTRIC
IDOT FIBER OPTIC
- MINIMUM OF SEVENTY -TWO HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES, CONTACT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 8 BUREAU OF TRAFFIC. JEFF ABEL (618) 346-3283.
- NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- THE CONTRACTOR SHALL CONTACT AMEREN'S COREY GOESTENKORS AT (618) 604-9180 PRIOR TO ELECTRICAL SERVICE WORK AT THE I-270 LOCATION, AND CONTACT SCOTT PATTERSON AT (618) 407-7856 PRIOR TO ELECTRICAL SERVICE WORK AT THE IL 255 LOCATION.

COMMITMENTS:

- NONE

△ REVISED 7-26-2022

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ST. LOUIS, MISSOURI 63101
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Email: lorenzo.thompson@tcivil.com
www.tcivil.com

USER NAME = PWICSS	DESIGNED - LT	REVISED -
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PLOT SCALE = 2.0000' / in.	CHECKED - LT	REVISED -
PLOT DATE = 5/13/2022	DATE - 2/25/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	60-1, 95G-1	MADISON	37	2
FAI 270 (I-270), FAP 310 (IL ROUTE 255)			CONTRACT NO. 76P66	
ILLINOIS FED. AID PROJECT HSIP-DXAF(431)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL / 10% STATE	
				FAI 270	FAP 310
				ROADWAY 0044	ROADWAY 0044
URBAN	URBAN				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	15	0	15
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	125	0	125
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	0	1
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2	0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	0	1
63200310	GUARDRAIL REMOVAL	FOOT	87	87	0
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100420	TRAFFIC CONTROL PLAN, STANDARD 701411	L SUM	1	0	1
70100700	TRAFFIC CONTROL PLAN, STANDARD 701406	L SUM	1	1	0
70100825	TRAFFIC CONTROL PLAN, STANDARD 701456	L SUM	1	0	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	30	30
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	0	1
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	65	65	0
73301805	OVERHEAD SIGN STRUCTURE - BUTTERFLY, TYPE III-F-A	FOOT	38	0	38
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	32	32	0
73301900	OVERHEAD SIGN STRUCTURE WALKWAY - BUTTERFLY, TYPE A	FOOT	7.5	0	7.5
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	46.9	37.5	9.4
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4	0	4
80300100	LOCATE UNDERGROUND CABLE	FOOT	500	250	250
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	1	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FEDERAL / 10% STATE	
				FAI 270	FAP 310
				ROADWAY 0044	ROADWAY 0044
URBAN	URBAN				
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	5858	522	5336
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	377	0	377
81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	113	0	113
81400100	HANDHOLE	EACH	13	2	11
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.6	FOOT	900	600	300
86300300	CONTROLLER CABINET TYPE III	EACH	2	1	1
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO.14 1C	FOOT	6160	70	6090
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	6	3	3
87900200	DRILL EXISTING HANDHOLE	EACH	4	1	3
X0320023	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2	1	1
X0322227	CLOSED CIRCUIT TELEVISION CAMERA SYSTEM	EACH	2	1	1
X0325077	FIBER OPTIC UTILITY MARKER	EACH	13	1	12
X0325086	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., FIBERGLASS BULLET RESISTANT, MULTI-DUCT	FOOT	139	0	139
X0325482	REMOVE EXISTING ITS EQUIPMENT	EACH	1	1	0
X0325485	TRUSS MOUNTED LED DYNAMIC MESSAGE SIGN	EACH	2	1	1
X0326812	CAT 5 ETHERNET CABLE	FOOT	105	60	45
X0327606	FIBER OPTIC SPLICE-LATERAL	EACH	1	1	0
X7010206	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	EACH	4	4	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	0
X8710050	FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	4	2	2
X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	6160	70	6090
X9700021	MOBILE BARRIER TRAILER	L SUM	1	1	0

* SPECIALTY ITEM

REVISED 7-26-2022 REV. - MS

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PLOT DATE = 5/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	60-1,95G-1	MADISON	37	3
FAI 270/FAP 310		CONTRACT NO. 76P66		
ILLINOIS		FED. AID PROJECT		