STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED

HIGHWAY PLANS

CABLE & GUARDRAIL REPAIR

VARIOUS COUNTIES IN D6

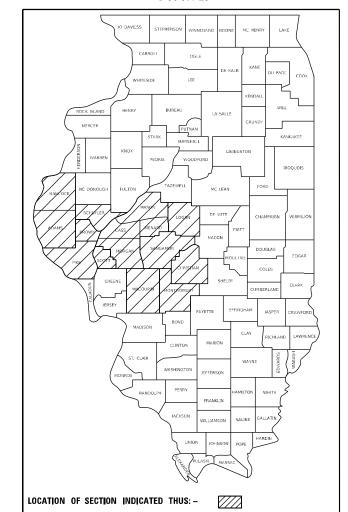
SECTION D6 CABLE/GUARDRAIL REPAIR 2021

VARIOUS ROUTES

C-96-107-20

**D6 CABLE/GUARDRAIL REPAIR 2021

D-96-077-20



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBMITTED May 8 20 20

ENGINEER OF DESIGN AND ENVIRON

DIRECTOR OF HIGHWAYS PROJECT M

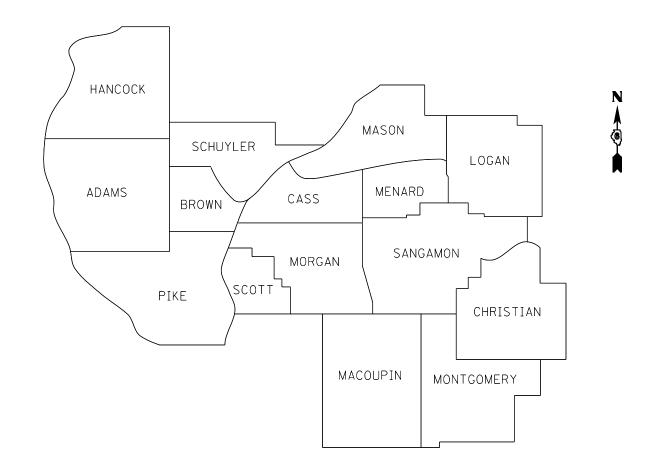
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

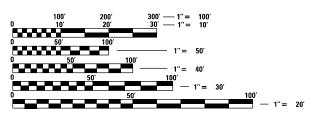
INDEX OF SHEETS

- 1 COVER SHEET
- GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6 CABLE GUARD MARKER DETAIL

FOR LIST OF STANDARDS, SEE SHEET 2



FUR LIST UF STAINDARDS, SEE SHEET 2



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

PROJECT ENGINEER: JAY EDWARDS (217)-785-0597
PROJECT MANAGER: JONATHAN COX (217)-782-1378

CONTRACT NO. 72M09

 \bigcirc

HIGHWAY STANDARDS

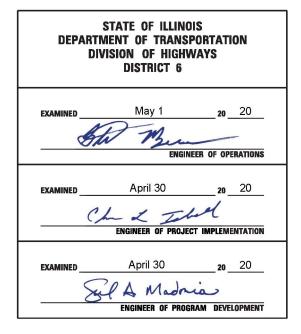
STANDARD NO.	TITLE
000001-07	STANDARD SYMBOLS, ABBREVATIONS & PATTERNS
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630111-01	WEAK POST GUARDRAIL ATTACHED TO CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-16	TRAFFIC BARRIER TERMINAL, TYPE 6
643001-02	SAND MODULE IMPACT ATTENUATORS
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS 2 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701428-01	TRAFFIC CONTROL SET UP AND REMOVAL FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS.

GENERAL NOTES

ALL DISTURBED AREAS CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL
BE GRADED AND SEEDED WITH CLASS 2 ROADSIDE MIXTURE
AND FERTILIZED AS STATED IN SECTION 250 OF THE STANDARD
SPECIFICATIONS. COST SHALL BE CONSIDERED INCLUDED IN THE UNIT
COST OF THE WORK BEING PERFORMED.

REMOVAL OF DAMAGED IMPACT ATTENUATORS SHALL BE INCLUDED IN THE COST OF THE IMPACT ATTENUATOR BEING INSTALLED.

REMOVAL AND DISPOSAL OF DAMAGED FENCE SHALL BE INCLUDED IN THE COST OF THE FENCE BEING INSTALLED.



USER NAME = coxjw	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/8/2020	DATE -	REVISED -	

SCALE:

			H	0-02175-6002	MCUD FONDS	0-0167-60001
				VARIOUS GR		MED CBL BAR
				100% STATE	100% MCHD	100% STATE
				ROADWAY	ROADWAY	ROADWAY
CODE			TOTAL	0021	0021	0021
NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	450	250	200	
	STEEL PLATE BEAM GUARDRAIL, TIPE A, 0 FOOT POSTS	1001	450	230	200	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	150	50	100	
	· ·					
63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50	50		
	L					
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	1	2	
63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	3	1	2	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	1	2	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	26	6	20	
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1		
63200310	GUARDRAIL REMOVAL	FOOT	1150	300	850	
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1		
	NAME ATTENDATIONS (NOW RESINCENTAL), TEST ELVEL'S	LACIT	-	-		
64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	2		1	1
66400105	CHAIN LINK FENCE,4'	FOOT	100	50	50	
66500105	WOVEN WIRE FENCE, 4'	FOOT	1800	500	1300	
	TOTAL TARE LENGT, T	1001	1000		1500	
67100100	MOBILIZATION	L SUM	1.0	0.4	0.5	0.1

MODEL: Default

	USER NAME = coxjw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
1	PLOT DATE = 5/6/2020	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

	SI	JMM	ARY	OF QUA	ANTITIES		F.A. RTE	Ĺ
							VAR	l.
							Ţ	
SHEET	1	OF	3	SHEETS	STA.	TO STA.		

0-02175-6002 MCHD FUND**s** 0-0187-60001

				0 02173 0002	MEND FORDS	0 0107 00001
				VARIOUS GR		MED CBL BAR
				100% STATE	100% MCHD	100% STATE
				ROADWAY	ROADWAY	ROADWAY
CODE			TOTAL	0021	0021	0021
NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	1	1	
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	35	20	15	
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	80	40	40	
78200021	HIGH TENSION CABLE MEDIAN BARRIER REFLECTORS	EACH	200		100	100
X0325899	REPAIR HIGH TENSION CABLE (GIBRALTAR)	FOOT	20		10	10
X0325900	REPAIR HIGH TENSION BARRIER TERMINAL (GIBRALTAR)	EACH	5		3	2
X0325901	REPAIR POSTS (GIBRALTAR)	EACH	98		50	48
X0325902	REMOVE AND REPLACE POSTS (GIBRALTAR)	EACH	200		150	50
X0327490	REPAIR HIGH TENSION CABLE (NU-CABLE)	FOOT	20		10	10
X0327491	REPAIR POSTS (NU-CABLE)	EACH	20		10	10
X0327492	REMOVE AND REPLACE POSTS (NU-CABLE)	EACH	331		221	110
70327432	TEMOVE AND RELEASE 19313 (NO CABLE)	LACIT	331		221	110
X0327493	REPAIR HIGH TENSION BARRIER TERMINAL (NU-CABLE)	EACH	2		1	1
					_	
X6300155	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES (SPECIAL)	FOOT	80	50	30	
X6431220	REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE	EACH	55	21	34	
		i	1			

USER NAME = coxjw DESIGNED -REVISED REVISED DRAWN PLOT SCALE = 100.0000 ' / in. CHECKED -REVISED PLOT DATE = 5/6/2020 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION SUMMARY OF QUANTITIES VAR CONTRACT NO. 72M09 SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

0-02175-6002 MCHD FUNDS 0-0187-60001

COUNTY TOTAL SHEET NO.

VARIOUS 5 4

					4000/ 110115	MED CBL BAR
				100% STATE ROADWAY	100% MCHD ROADWAY	100% STATE ROADWAY
CODE			TOTAL	0021	0021	0021
NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL
			Q = 1 = 1 = 1			
X7011834	TRAFFIC CONTROL AND PROTECTION, CALL OUT WORK	EACH	57	22	35	
X7011836	TRAFFIC CONTROL AND PROTECTION, FREEWAY/EXPRESSWAY, CALL OUT WORK	EACH	40	20	10	10
					1	
Z0008759	CALL OUT	EACH	9	6	2	1
Z0008760	EMERGENCY WORK CALL OUT	EACH	37	10	25	
20008760	EMERGENCI WORK CALL OUT	EACH	37	10	23	2
Z0052000	REPAIR STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	3250	2150	1100	
Z0052410	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	80	40	40	
Z0052415	DEDAID TRAFFIC DARRIED TERMINAL TYPE 1 CRECIAL (FLARED)	EACH		2	1	
20032413	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	EACH	3	2	1	
Z0052600	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	2	1	
Z0053000	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	3	2	1	
Z0053200	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	2	1	

REVISED REVISED USER NAME = coxjw DRAWN PLOT SCALE = 100.0000 · / in. CHECKED _ REVISED _ PLOT DATE = 5/6/2020 DATE REVISED _

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE:

SECTION SUMMARY OF QUANTITIES VAR CONTRACT NO. 72M09 SHEET 3 OF 3 SHEETS STA. TO S∓A.

0-02175-6002

COUNTY SHEETS NO.

VARIOUS 5 5

0-0187-60001

MCHD FUNDS