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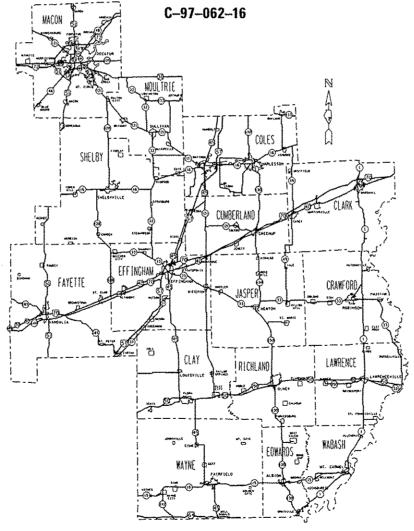
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

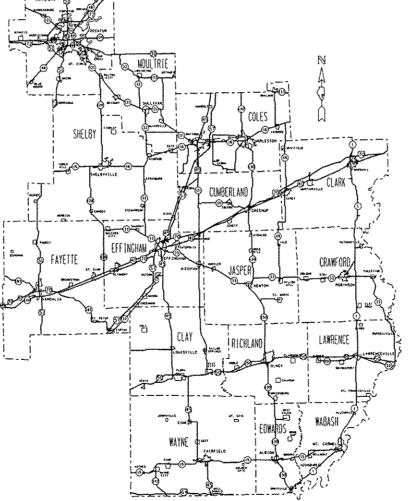
VARIOUS COUNTIES SECTION D7 GUARDRAIL 2017–1



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PROPOSED HIGHWAY PLANS

TYPE of IMPROVEMENT MAINTENANCE **DISTRICT WIDE COUNTIES**



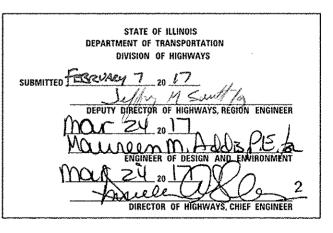
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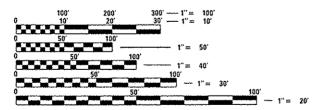
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ILLINOIS CONTRACT NO. 74767





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

OR 811

PROJECT ENGINEER ROB MACKLIN PROJECT MANAGER LYNN McCLELLAN

CONTRACT NO. 74767

GENERAL NOTES

THIS PROJECT IS LOCATED ON VARIOUS ROUTES IN VARIOUS COUNTIES ALL LOCATED WITHIN REGION 4-DISTRICT 7. THE WORK INCLUDED IN THIS SECTION CONSISTS OF VARIOUS TYPES OF GUARDRAIL REPAIR AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

ALL WORK IS TO BE REPLACED IN KIND OR, AS INDICATED ON THE CONTRACT PLANS OR PROVISIONS.

THE LOCATIONS OF THE REPAIR AREAS WILL BE DETERMINED BY THE ENGINEER.

GUARDRAIL WORK SHALL INCLUDE ALIGNMENT AS NECESSARY TO RESTORE THE RAIL TO THE ORIGINAL CONDITIONS.

BEFORE ORDERING THE IMPACT ATTENUATORS, THE CONTRACTOR MUST CONTACT THE RESIDENT ENGINEER TO RECEIVE APPROVAL OF THE PROPOSED INSTALLATION.

REMOVAL OF DAMAGED MATERIALS SHALL INCLUDE DISMANTLING, LOADING, HAULING AND DISPOSAL. THE WORK SITE SHALL BE LEFT IN A SAFE AND ORDERLY CONDITION.

NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.

ANY NECESSARY TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR: APPROPRIATE STANDARDS ARE LISTED ON SHEET NO. 2.

THE LIMITS OF THE DAMAGED GUARDRAIL WILL BE MARKED WITH PAINT. THE REPLACEMENT PARTS AND THE QUANTITIES INDICATED ARE WITHIN THESE LIMITS AS MARKED.

REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS SHALL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.

GUARDRAIL MARKERS SHALL NOT BE ATTACHED TO TERMINAL SECTIONS.

ILLINOIS STATE LAW REOUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U. L. I. E. (PH. 800-892-0123) OR FOR NON-MEMBER, THE UTILITY COMPANY DIRECTLY.

ANY WORK ORDER MAY BE CANCELLED AT THE ENGINEER'S DISCRETION.

SELF WEATHERING STEEL ITEMS (CORTEN) WILL BE PAID FOR THE SAME AS REGULAR ITEMS.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

THE CONTRACTOR IS ADVISED THAT THE GUARDRAIL PAY ITEMS INCLUDED IN THE PLANS MAY BE USED TO REPLACE/REPAIR SPBGR AND TRAFFIC BARRIER TERMINALS FOR THE NEW MIDWEST STANDARD AS SHOWN IN THE HIGHWAY STANDARDS AS WELL AS SPBGR AND TRAFFIC BARRIER TERMNAL INSTALLED PRIOR TO JAN. 1, 2007. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR UTILIZING THE CURRENT MIDWEST STANDARDS.

INDEX OF SHEETS

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630106-0	D2 LONG-SPAN GUARDRAIL OVER CULVERT
630201-0	D7 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
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782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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6300210	GUARDRAIL BLOCKS	EACH	200	150	50								
			-				X6640502	CHAIN LINK FENCE POST	EACH	20	20		··
6300215	RAIL ELEMENT PLATES	EACH	140	130	10								·
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6300217	RAIL ELEMENT PLATES (RADIUS)	EACH	5	4	1	7						***************************************	
			-				Z0020210	PULL POST ARRANGEMENT	EACH	2	2	Washington	
6300220	EXTRUDER HEAD	EACH	5	4	1		70020659	REPAIR TRAFFIC BARRIER TERMINAL TYPE 1	EACH	10	7	3	
6300225	SINGLE END SECTION	EACH	21	20	1		20023636	SPECIAL - POST	EACH	10	ı	The second secon	
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			110000000000000000000000000000000000000								···		
x6300235	WOOD POSTS	EACH	5	4	1		Z0052410	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	16	15		
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x6300239	STEEL POSTS 9'	EACH	8	5	3	and the state of t		SPECIAL (FLARED)					
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x6330310	REMOVE AND REINSTALL EXTRUDER HEAD	EACH	3	2	1	-	Z0052600	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	1	4	
(633111A	STEEL POSTS, SPECIAL	EACH	2	1	1	THE PARTY OF THE P	70052900	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 4	EACH	1	1		
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0053220	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1											
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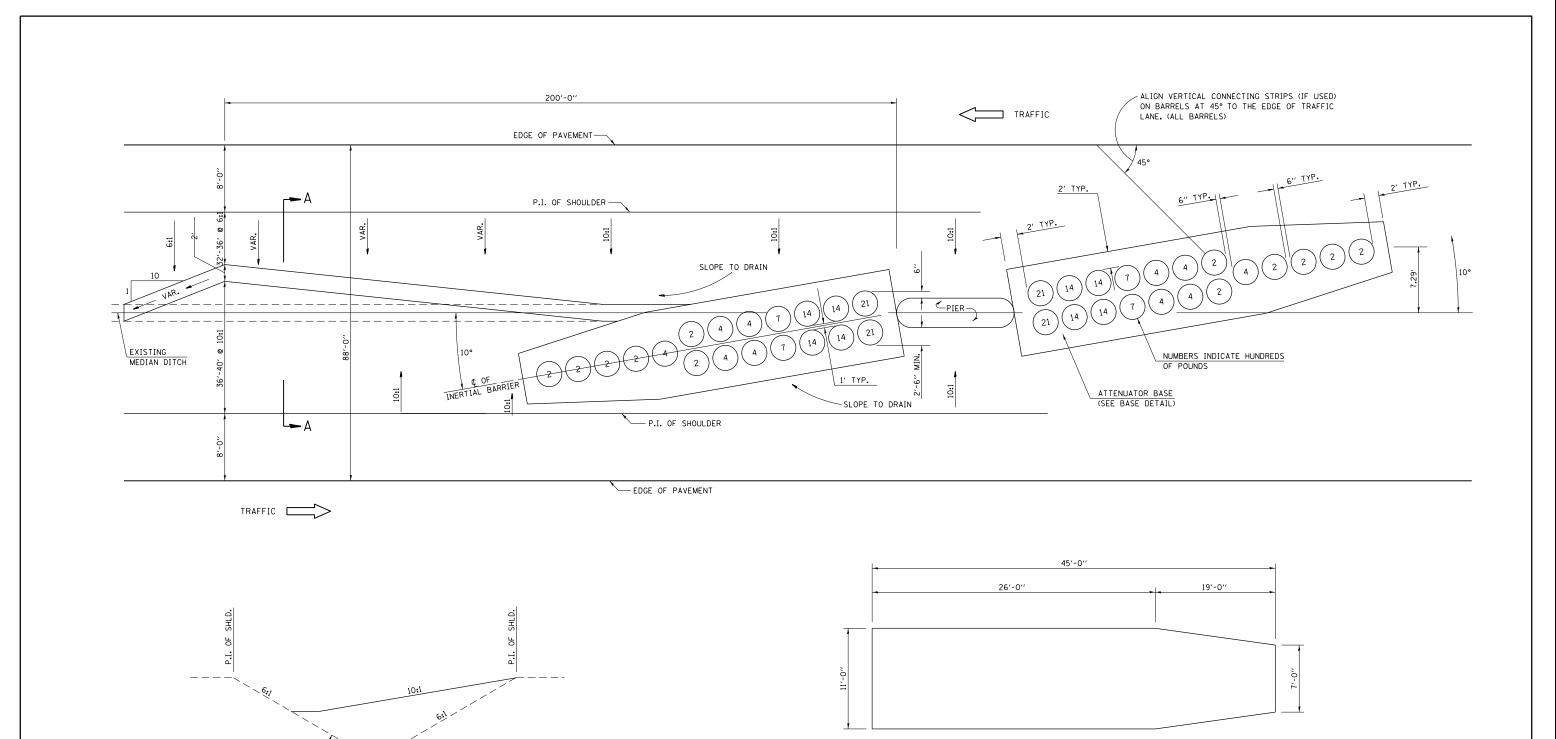
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SECTION A-A
GRADING AND SHAPING DETAIL

EXISTING CROSS SECTION

GENERAL NOTES

BASE DETAIL

- 1. ALL 10:1 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 OR FLATTER.
- 2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
- 3. THE LENGTH X WIDTH OF MODULE LAYOUT IS 41.0' \times 7.0': 19 MODULES 14.400 LBS.
- 4. IN AREAS OF 10:1 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' INTERVALS IN THE MEDIAN Q. SEE SPECIAL PROVISIONS AND SCHEDULES.

NOT TO SCALE

Note: All dimensions are in INCHES
(millimeters) unless otherwise shown.

							DIS	STRICT 7 DETAIL	. NO. ZO	0030150
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