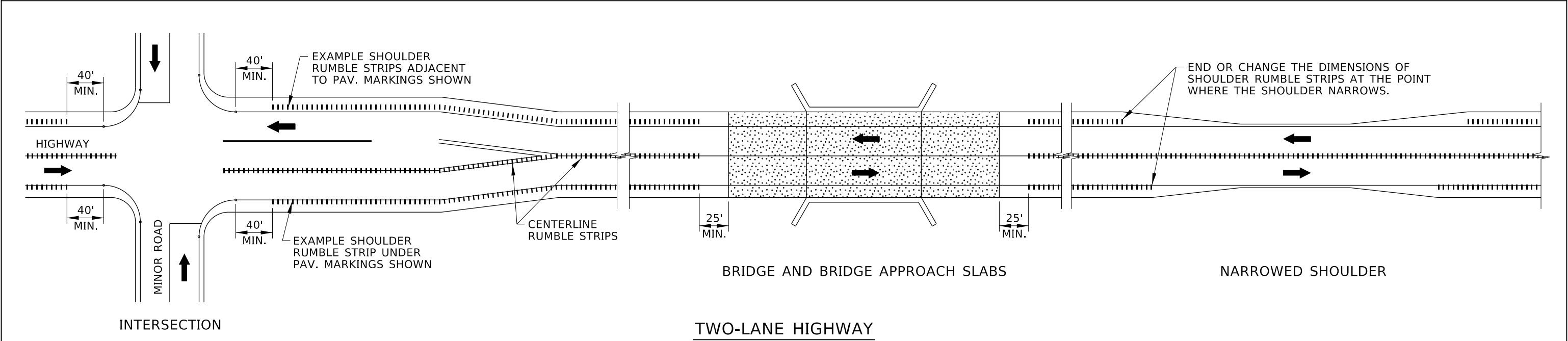
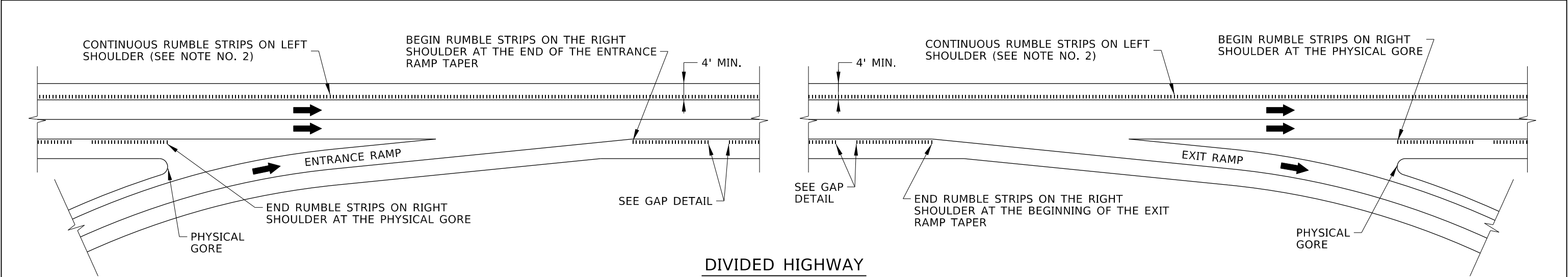


REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	
1	09-02	HEB	6	04-26	RDL				
2	12-04	MSM							
3	09-11	JDA							
4	04-14	RDL							
5	01-17	RDL							

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
631-1_0426.dgn

DRAWING DATE:
NOVEMBER, 2000

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DEPARTMENT**

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BOISE IDAHO



ORIGINAL SIGNED BY: MONICA CRIDER

HIGHWAY DESIGN ENGINEER

STANDARD DRAWING

RUMBLE STRIPS

ENGLISH

STANDARD DRAWING NO.
631-1

SHEET 1 OF 2

ORIGINAL STORED
AT: ITD,
Headquarters
3311 West State
Boise, Idaho

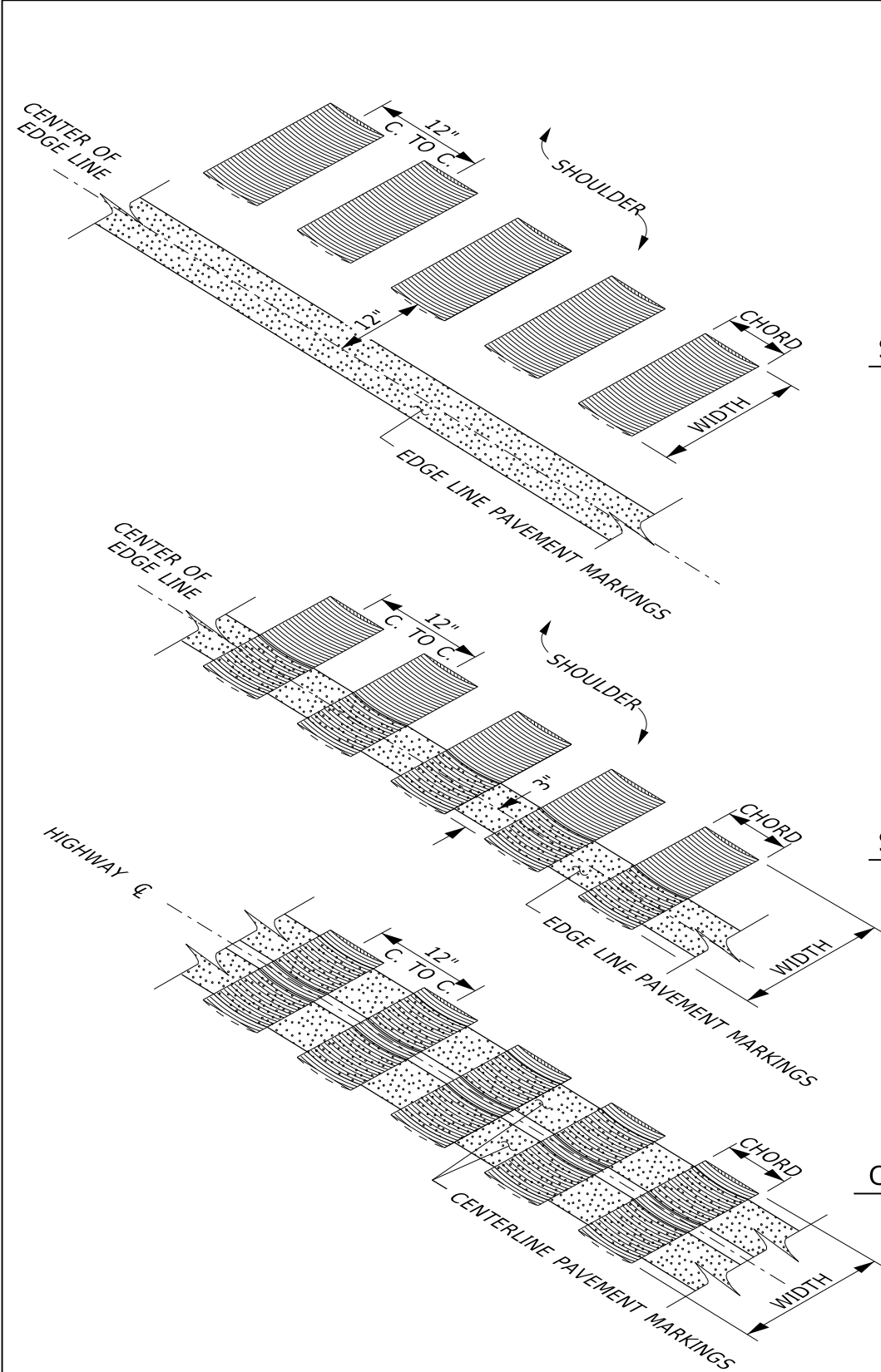
PROFESSIONAL ENGINEER

RYAN D. LANCASTER

13683

APR 22, 2023

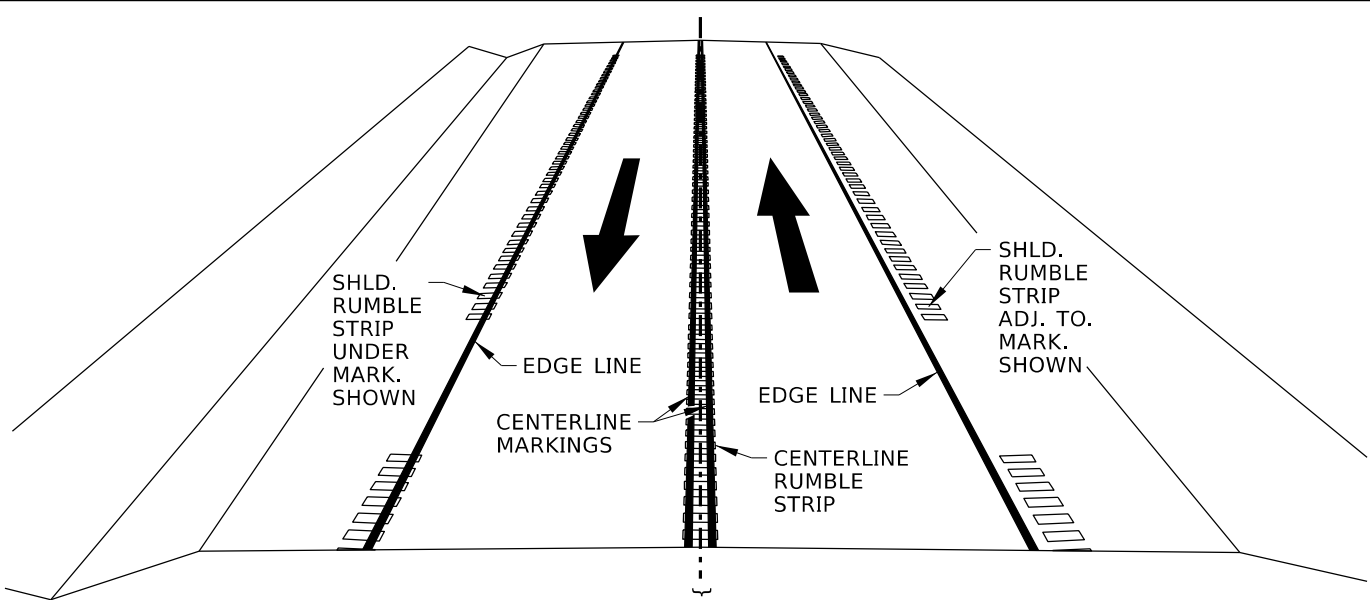
STATE OF IDAHO



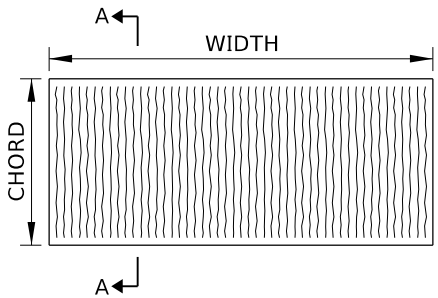
SHOULDER RUMBLE STRIP
ADJACENT TO PAVEMENT MARKINGS

SHOULDER RUMBLE STRIP
UNDER PAVEMENT MARKINGS

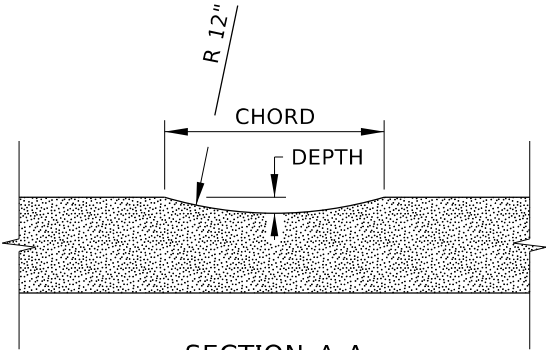
CENTERLINE RUMBLE STRIP
UNDER PAVEMENT MARKINGS



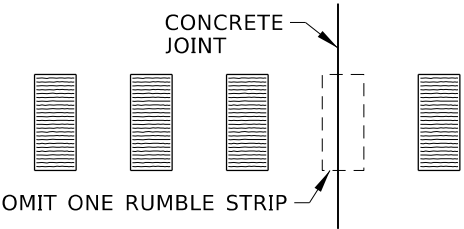
EXAMPLE TWO-LANE HIGHWAY



RUMBLE STRIP DETAIL



SECTION A-A



CONCRETE PAVEMENT JOINT DETAIL
(SEE NOTE NO. 4)

RUMBLE STRIP DIMENSION TABLE							
	SHOULDER WIDTH	ADJ. TO PAV. MARKINGS			UNDER PAV. MARKINGS		
		WIDTH	DEPTH	CHORD	WIDTH	DEPTH	CHORD
SHOULDER RUMBLE STRIPS	2' TO <4'	N/A	N/A	N/A	6"	3/8" TYP. 1/2" MAX.	±6"
	4' TO 8'	12"	1/2" TYP. 5/8" MAX.	±7"	12"	3/8" TYP. 1/2" MAX.	±6"
	>8'	16"	1/2" TYP. 5/8" MAX.	±7"	16"	3/8" TYP. 1/2" MAX.	±6"
CENTERLINE RUMBLE STRIPS	N/A	N/A	N/A	N/A	12"	1/2" TYP. 5/8" MAX.	±7"

NOTES

1. CONSTRUCT RUMBLE STRIPS AS SHOWN ON THE PROJECT PLANS AND IN THE RUMBLE STRIP DIMENSION TABLE.
2. PROVIDE CONTINUOUS RUMBLE STRIPS ON THE LEFT SHOULDER (ADJACENT TO OR UNDER THE YELLOW EDGE LINE) OF DIVIDED HIGHWAYS. PROVIDE PERIODIC GAPS ON RIGHT SHOULDERS (ADJACENT TO OR UNDER WHITE EDGE LINE) TO ACCOMMODATE BICYCLE CROSSING OF THE RUMBLE STRIP PATTERN.
3. IN AREAS WHERE BICYCLISTS OR PEDESTRIANS ARE EXPECTED TO CROSS THE RUMBLE STRIP, PROVIDE A 6 FOOT TO 12 FOOT GAP.
4. OMIT RUMBLE STRIPS ON LONGITUDINAL AND LATERAL CONCRETE PAVEMENT JOINTS. OMIT RUMBLE STRIPS ON BRIDGES AND BRIDGE APPROACH SLABS. RUMBLE STRIPS ARE NOT NORMALLY OMITTED AT PRIVATE APPROACHES.
5. RESTART THE RUMBLE STRIP AND GAP PATTERN IF THE PATTERN IS INTERRUPTED.
6. CLEAN THE RUMBLE STRIPS AND APPLY CSS-1 EMULSIFIED ASPHALT AT THE RATE OF 0.24 GAL/SY (1:1 DILUTION) TO ATTAIN A RESIDUAL VALUE OF 0.08 GAL/SY AT THE RUMBLE STRIPS.
7. DRAWING NOT TO SCALE.

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SHEET 2 OF 2

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