¢ PROP. RIDGE ROAD - 3' & VARIES O' TO 2.2' RTL TAPER-0' TO 10.5' 6' TO 12' 0' TO 12' EXIST. 2.0% & VARIES 1.5% 十十, 12 (1) 2 12 3 (1) (7) (13)(12)(13)(7) (11) PROPOSED RIDGE ROAD STA, 1000+30.00 TO STA, 1003+80.14 *PORTLAND CEMENT CONCRETE SIDEWALK, 4" FROM STA. 1002+71.31 TO STA. 1003+12.25

¢ PROP. RIDGE ROAD 11' TO 12' 0' TO 10.5', O' TO 12' O' TO 14' 0' TO 12' 0' TO 9' 0' TO 9' 0' TO 12' 11' TO 12' 0' TO 14' O' TO 12' RTL LTL LTL RTL PGL-SLOPE--SLOPE 1.5% 1 13 7 8 9 7 13 1 (1) (7) (13) 3 12 2 2 2 3 (13)(7)

P-R2) PROPOSED RIDGE ROAD STA. 1003+80.14 TO STA. 1008+64.45 STA. 1014+07.50 TO STA. 1016+80.14

*CORRUGATED MEDIAN FROM STA, 1003+80.14 TO STA, 1005+30.21 AND FROM STA, 1015+63.51 TO STA, 1016+80.14

**CONCRETE MEDIAN SURFACE, 6" FROM STA. 1004+61.68 TO STA. 1007+79.20
AND FROM STA. 1014+27.34 TO STA. 1015+86.04

+PORTLAND CEMENT CONCRETE SIDEWALK, 4" FROM STA. 1003+93.27 TO STA. 1008+64.45

LEGEND:

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (2) STABILIZED SUB-BASE 4"
- (3) AGGREGATE SUBGRADE, 12"
- PORTLAND CEMENT CONCRETE SHOULDER, 10" OR 14" (MATCH PAVEMENT THICKNESS)
- 5 AGGREGATE SHOULDER TYPE B, 6"
- 6 SEEDING, CLASS 2A
- 7 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (8) CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- 9 CONCRETE MEDIAN SURFACE, 6"
- 10 TOPSOIL, 4"
- 11) SODDING, SALT TOLERANT
- (12) LONGITUDINAL CONSTRUCTION JOINT, NO. 8 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- (13) LONGITUDINAL CONSTRUCTION JOINT, NO. 6 EPOXY COATED TIE BARS 24" LONG AT 24" CENTERS
- SAWED LONGITUDINAL JOINT WITH NO. 6 \times 30 EPOXY COATED DEFORMED TIE BARS AT 30" CENTERS
- (5) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 14"
- 16 STABILIZED SUB-BASE 6" (BAM)
- 17) AGGREGATE SHOULDER TYPE A, 4"
- (18) PIPE UNDERDRAINS 4" (MODIFIED)
- (19) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 20 GRANULAR SUBGRADE REPLACEMENT
- 21) PORTLAND CEMENT CONCRETE SIDEWALK, 4"

NOTE: AGGREGATE SUBGRADE EXTENDS 12" BEYOND BACK OF CURB STABILIZED SUB-BASE 4" EXTENDS 6" BEYOND BACK OF CURB

RIDGE F

STRUCTURAL DESIGN TRAFFIC: Year 2024

PV = 86%-91% SU = 4%-5% MU = 4%-10%

ROADSTREET CLASSIFICATION: Class Principal Arterial

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 32% S = 45% M = 45%

TRAFFIC FACTOR: Actual TF = 13.32 Minimum TF = 6.03

SUBGRADE SUPPORT RATING:

SSR = Poor

REVISIONS	1 111	NOIS DEPARTMENT OF	TRANSPO	RIATION
NAME DATE	1 1 1 1 1	MOTO DEL ALLEMENT OF	HIVANSI O	MALION
	FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)			
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	PROPOSED TYPICAL SECTIONS			
	1			
	1.			
	SCALE:	NONE	DD 1991 DV	
	J COMEL.	110.12	DRAWN BY:	NJS
	DATE:	2/10/06	CHECKED BY:	JJC
	L			

PATE CHE