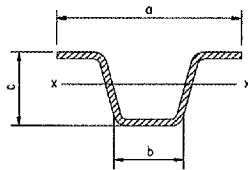
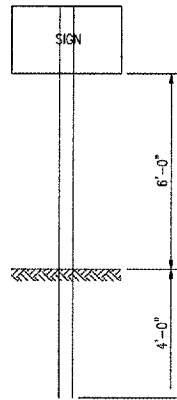


NOTES:

1. DIMENSIONS FOR CROSS SECTIONS ARE MINIMUM.
2. S_x-x IS THE MINIMUM SECTION MODULUS ABOUT THE $x-x$ AXIS OF THE POST AS SHOWN. FOR POST IN WHICH HOLES ARE PUNCHED OR DRILLED FOR MORE THAN HALF THEIR LENGTH, S_x-x SHALL BE COMPUTED FOR THE NEXT SECTION.
3. SOIL PRESSURE: MINIMUM ALLOWABLE SOIL PRESSURE = 1.25 TSF (120 KLA).
4. ALL HOLES ARE $3/8"$ (10mm) IN DIAMETER.
5. LOADING FOR 60 MPH (95 km/h) WIND VELOCITY WITH 30% GUST FACTOR, NORMAL TO SIGN.
6. MATERIALS: POST SHALL BE STRUCTURAL STEEL-BREAKAWAY CONFORMING WITH THE REQUIREMENTS OF SECTION 1093.01 OF THE IDOT SPECIFICATIONS. BOLTS, NUTS AND WASHERS SHALL BE HIGH-STRENGTH STEEL, GALVANIZED AND SHALL CONFORM TO SECTION 1006.08 OF THE IDOT SPECIFICATIONS.
7. IN AREAS WHERE POSTS PENETRATE PAVEMENT, THE PAVEMENT SHALL BE CORED. AFTER THE POST IS SET, THE HOLE SHALL BE GROUTED WITH AN IDOT APPROVED NON-SHRINK GROUT. COST INCIDENTAL TO SIGN.

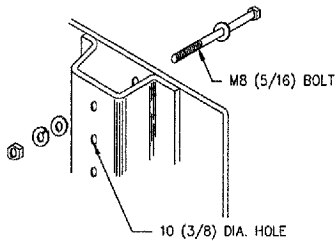


SECTION



ONE POST INSTALLATION

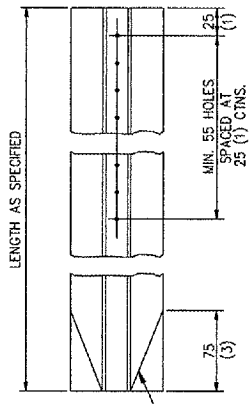
		a	b	c	S_x-x mm ³ (in. ³)	kg/m (lbs./ft.)
TYPE B	STEEL	81 (3 3/16)	32 (1 1/4)	38 (1 1/2)	5.588 (0.341)	4.46 (3.00)
	ALUMINUM	118 (4 5/8)	57 (2 1/4)	60 (2 3/8)	14.552 (0.888)	1.93 (1.30)



NOTE: MINIMUM OF 2 BOLTS PER POST REQUIRED

DETAIL OF MOUNTING SIGN TO POST

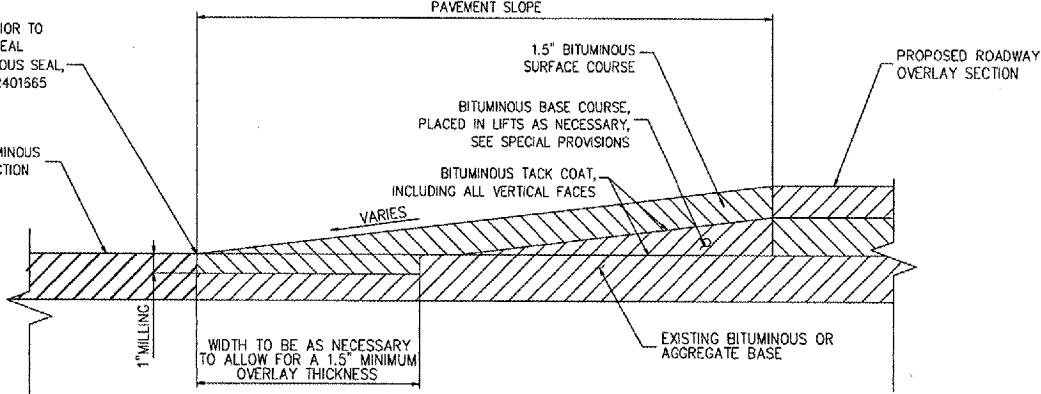
ROADWAY SIGN POST
(IDOT STANDARD 72001)



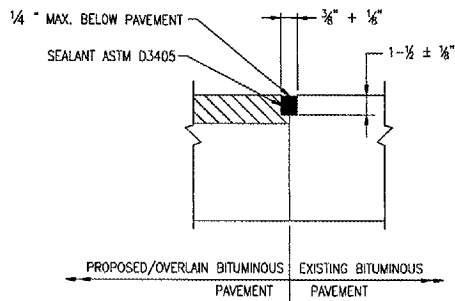
TYPE B

1" DEEP SAWCUT PRIOR TO MILLING, SAW AND SEAL BITUMINOUS/BITUMINOUS SEAL, SEE DETAIL, ITEM AR401665

EXISTING BITUMINOUS PAVEMENT SECTION

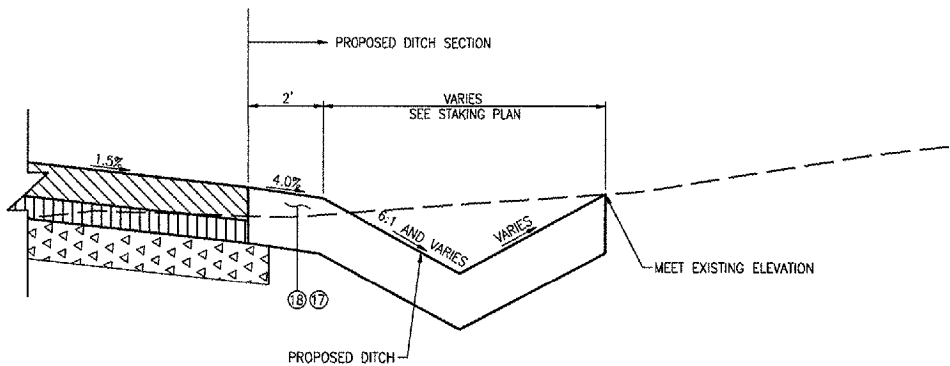


BITUMINOUS TAPER DETAIL

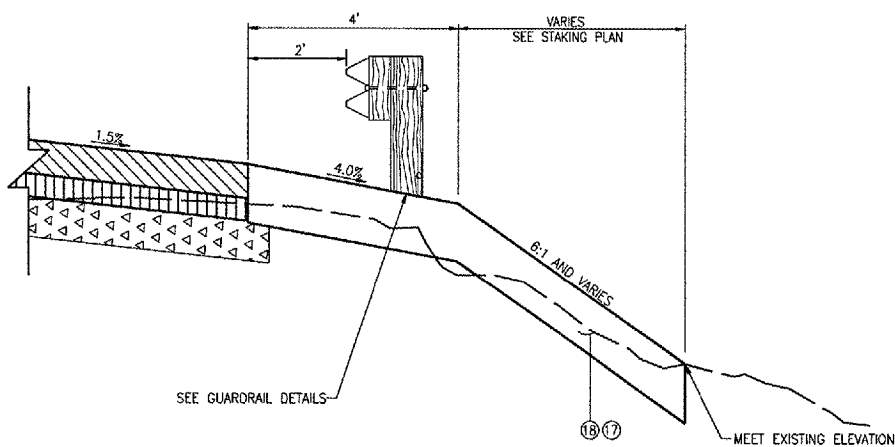


NOTE: BITUMINOUS JOINT SEALING TO BE PAID FOR AS ITEM AR401660

PROPOSED BITUMINOUS/BITUMINOUS SEAL



PROPOSED ROADSIDE DITCH
(SECTION LOOKING EAST)
STA. 26+47.95 TO STA. 27+71.28



PROPOSED GUARDRAIL DETAIL
(SECTION LOOKING EAST)
STA. 24+43.28 TO STA. 26+47.95

DETAILS SHOWN ARE NOT TO SCALE

WA056



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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601

No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2006
Sheet Title

TYPICAL SECTION DETAILS

831-04TXD	Project Number
DSY	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RMH/RPH	04/04/06
Reviewed By	Date
SJM	DSY
Drawn By	Sheet No.