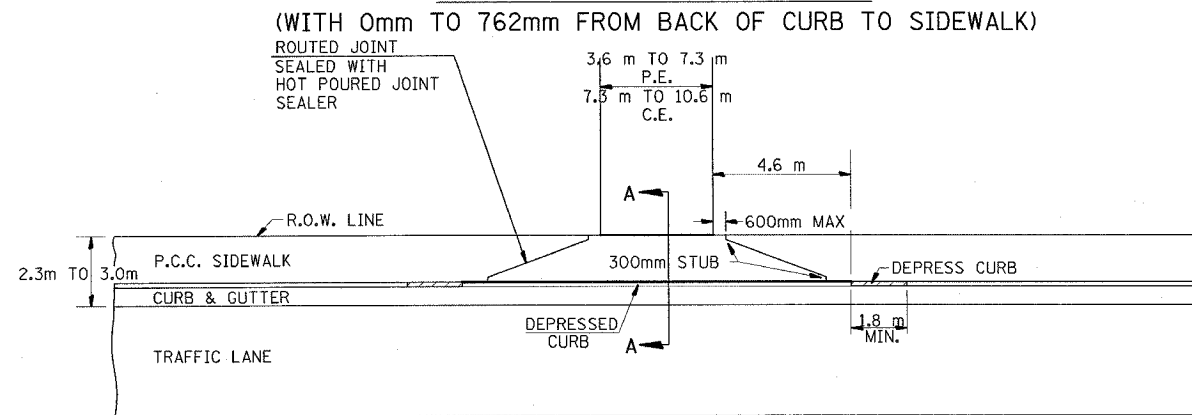
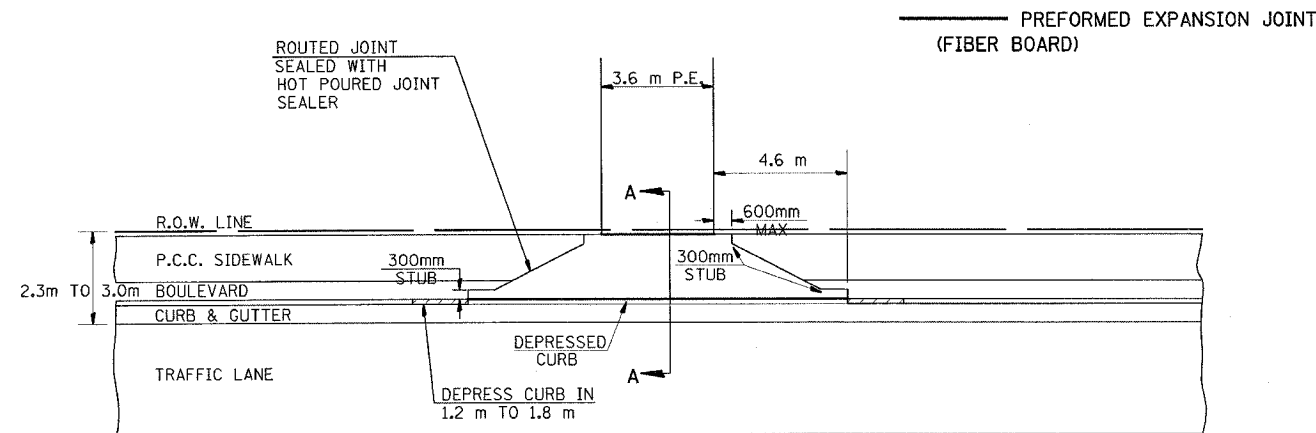


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
729	34Z-4	VERMILION	285	129
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

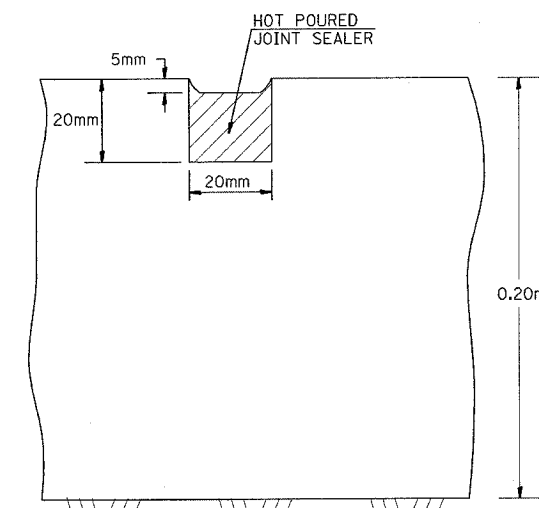
TYPICAL PRIVATE OR COMMERCIAL ENTRANCE ON NARROW RIGHT OF WAY



(PLAN WITHOUT BOULEVARD)

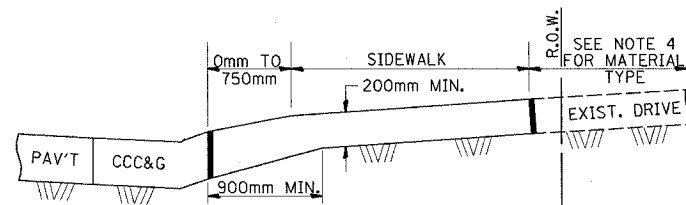


(PLAN WITH BOULEVARD)



DETAIL OF SAWED OR ROUTED JOINT

THICKEN SIDEWALK TO 200 mm (MIN.) WITHIN LIMITS OF DEPRESSED CURB.



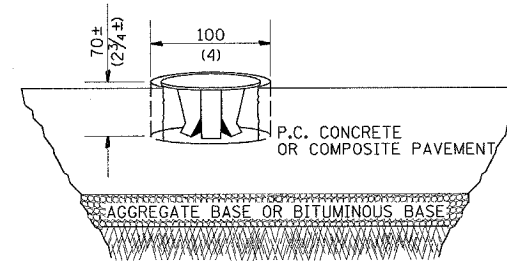
SECTION A-A

GENERAL NOTES

- THIS LONGITUDINAL CURB EXPANSION JOINT SHALL BE PLACED ONLY WHERE THE PROPOSED PC CONCRETE SIDEWALK OR DRIVEWAY PAVEMENT MEETS AN EXISTING CONCRETE ENTRANCE.
- THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 (751) OF THE STANDARD SPECIFICATION.
- THICKEN SIDEWALK FROM 125 mm TO 200 mm WITHIN LIMITS OF DRIVEWAY.
- CONSTRUCTION BEHIND SIDEWALK SHALL BE:
 EXISTING AGGREGATE ENTRANCES-
 AGGREGATE SURFACE COURSE, TYPE A, 200 mm
 EXISTING PCC ENTRANCE-
 PCC DRIVEWAY PAVEMENT, 200 mm
 EXISTING BITUMINOUS OR OIL AND CHIP ENTRANCE-
 AGGREGATE BASE COURSE, TYPE A, 150 mm WITH
 INCIDENTAL BITUMINOUS SURFACING, 75 mm
 2% MAX SIDEWALK CROSS-SLOPE SHALL BE
 CARRIED ACROSS ALL PROPOSED ENTRANCES
 UNLESS OTHERWISE SHOWN.
 SIDEWALK THROUGH ENTRANCES SHALL BE PAID
 FOR PER SQUARE METER AS PORTLAND CEMENT
 CONCRETE SIDEWALK, 125 mm AS SPECIFIED IN
 SECTION 424 OF THE STANDARD SPECIFICATIONS.

PERMANENT SURVEY MARKERS (SPECIAL)

TO BE USED IN "NEW" RIGID OR COMPOSITE PAVEMENT FOR SETTING EXISTING CENTERLINE CONTROL POINTS.



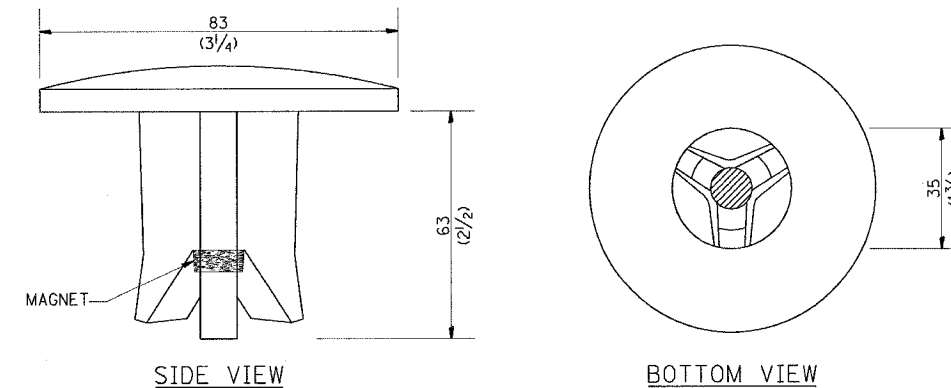
GENERAL NOTES

- WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
- THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 100 mm (4") CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
- THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 100 mm (4") DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 (725.01) OF THE STANDARD SPECIFICATIONS.
- THE 100 mm (4") CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND ALL LABOR AND MATERIAL TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
- ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED SHALL BE PLACED ± 6 mm (1/4") BELOW THE FINAL SURFACE.

SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 83 mm (3 1/4") CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 0.8 mm (1/32") FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 63 mm (2 1/2") STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%.
 STRENGTH; YIELD--131-145 MPa (19,000-21,000 PSI);
 TENSIL--262-303 MPa (38,000-44,000 PSI); ELONGATION--10-15%
 (IN 50 mm (2")]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES.
 NO EXCEPTIONS.



DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.
 All dimensions are in millimeters (Inches) unless otherwise shown.

	NAME	DATE	REVISIONS	
DESIGNED	D.L.P.	6/25/90	NAME	DATE
CHECKED			PICHE	11-13-90
CADD NO.	C-2.10		D.L.P.	10-96

	NAME	DATE	REVISIONS	
DESIGNED	AWH	8/17/91	NAME	DATE
CHECKED	PEK	8/17/91	G.A.M.	11-95
CADD NO.	D-1.05		D.L.P.	10-96

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DISTRICT DETAILS

DATE MAY 03

DRAWN BY _____
 CHECKED BY _____