FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

4/204

LAKE COUNTY
LAK.- 44 - 3.79

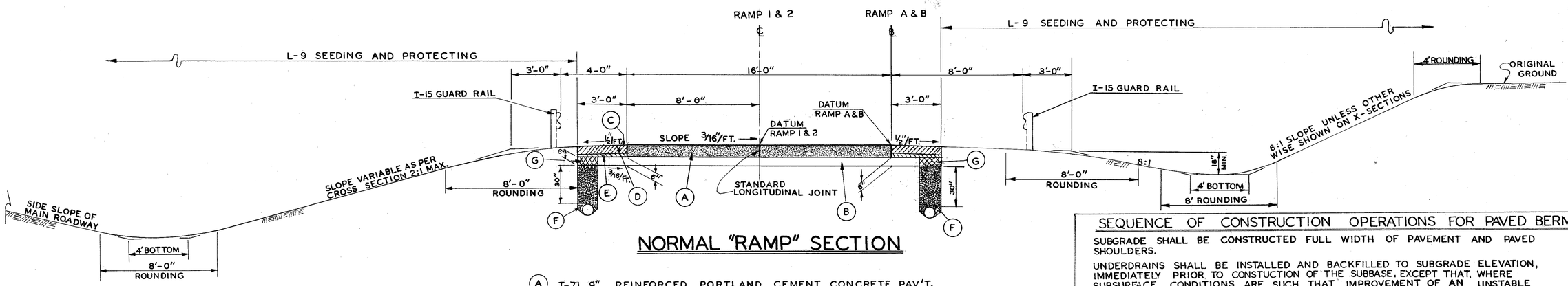
TYPICAL SECTIONS

RAMP PAVEMENT

TYPE T-71 REINFORCED CONCRETE PAV'T.

SCALE : 1"= 3'-0"

NOTE: CROSS SECTIONS SHALL GOVERN OVER TYPICAL SECTIONS WHERE VARIABLE CONDITIONS ARE ENCOUNTERED IN SLOPE.



NORMAL "RAMP" SECTION

(A) T-71 9" REINFORCED PORTLAND CEMENT CONCRETE PAV'T.

(B) I-22 6" SUBBASE, GRADING A OR B (SEE GENERAL NOTE, SHEET NO. 7), AS PER PLAN

(C) T-31 BITUMINOUS SURFACE TREATMENT (.008 CU.YD. /SQ.YD. & .25 GAL./SQ. YD.)(SEE NOTE IN PROPOSAL)

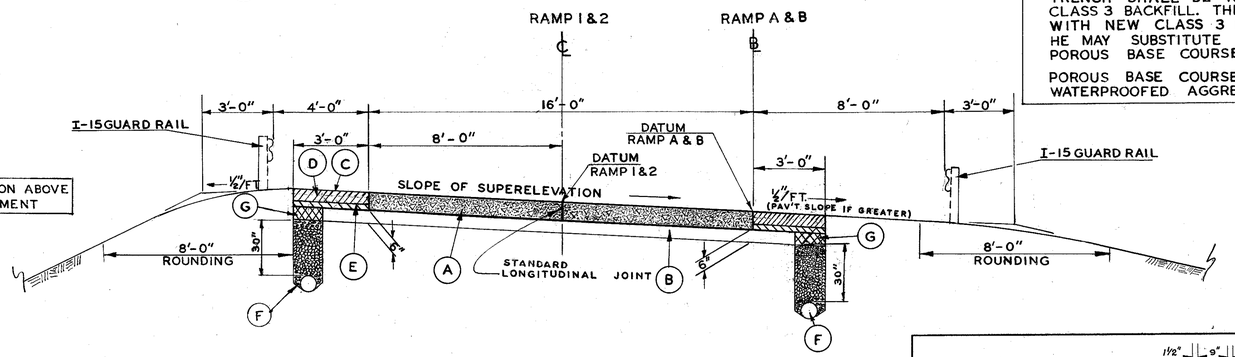
(D) B-21 6"‡ WATERPROOFED AGGREGATE BASE COURSE (TYPE "A" T-35 MATERIAL MAY BE USED IN CONSTRUCTION OF THIS COURSE - SEE NOTE IN PROPOSAL)

(E) B-112 POROUS BASE COURSE

(F) I-1 6" PIPE CLASS I-3

LIMITING STATIONS				
LOCATION	STATION FROM	STATION TO	SEE EXTRA AREA DETAIL SHEET NO.	TYPE SECTION
RAMP "A"	0+00	1+50	118	—
	1+50	8+22.70	—	NORMAL
	8+22.70	13+40.83	118	—
RAMP "B"	0+00	0+75	119	—
	0+75	5+15.91	—	NORMAL
	5+15.91	6+65.91	119	TRANSITION
	6+65.91	8+75.77	119	SUPER
	8+75.77	10+25.77	119	TRANSITION
RAMP № 1	0+00	5+18.56	128	—
	5+18.56	7+50	—	NORMAL
	7+50	9+54.92	—	TRANSITION
	9+54.92	10+17.42	—	SUPER
	10+17.42	12+25	—	TRANSITION
	12+25	14+17.77	—	NORMAL
	14+17.77	15+37.83	129	—
RAMP № 2	0+00	3+75	128	—
	3+75	6+00	—	NORMAL
	6+00	8+13.41	—	TRANSITION
	8+13.41	8+66.58	—	SUPER
	8+66.58	10+75	—	TRANSITION
	10+75	13+15.34	—	NORMAL
	13+15.34	13+72.10	129	—

SEE NORMAL SECTION ABOVE FOR SLOPE TREATMENT



SEE NORMAL SECTION ABOVE FOR SLOPE TREATMENT

SUPERELEVATED SECTION

(G) REMOVE SUBBASE FOR WIDTH OF ITEM I-1 TRENCH AND REPLACE WITH EITHER CLASS 3 BACKFILL OR WITH POROUS BASE MATERIAL IMMEDIATELY PRIOR TO PLACING THE ITEM B-112 POROUS BASE COURSE, COST SHALL BE INCLUDED IN PRICE BID PER LIN. FT. FOR ITEM I-1

‡ Thickness shown is "designed" thickness as described in Sec. B-21.01

SEQUENCE OF CONSTRUCTION OPERATIONS FOR PAVED BERMS

SUBGRADE SHALL BE CONSTRUCTED FULL WIDTH OF PAVEMENT AND PAVED SHOULDERS.

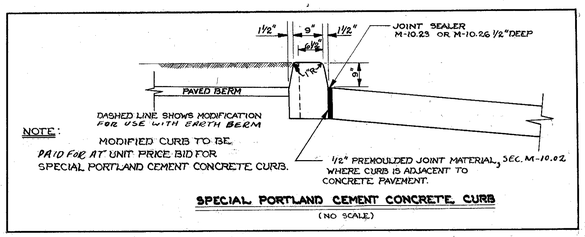
UNDERDRAINS SHALL BE INSTALLED AND BACKFILLED TO SUBGRADE ELEVATION, IMMEDIATELY PRIOR TO CONSTUCTION OF THE SUBBASE, EXCEPT THAT, WHERE SUBSURFACE CONDITIONS ARE SUCH THAT IMPROVEMENT OF AN UNSTABLE SUBGRADE CAN BE ACCOMPLISHED THROUGH THE DRYING ACTION OF DEEP UNDERDRAINS, THE PROJECT ENGINEER MAY AUTHORIZE OR REQUIRE THE CONTRACTOR TO DELAY THE CONSTRUCTION OF THE SUBBASE AS NECESSARY.

THE SUBBASE SHALL BE CONSTRUCTED FULL WIDTH OF PAVEMENT AND PAVED SHOULDERS IN ONE OPERATION.

PAVEMENT SHALL BE CONSTRUCTED.

AFTER THE SURFACE OF THE SUBBASE IN THE SHOULDER AREA IS IN PLACE AND COMPACTED AS SPECIFIED, AND IMMEDIATELY PRIOR TO PLACING THE POROUS BASE COURSE, THE MATERIAL LOCATED ABOVE AND WITHIN THE UNDERDRAIN TRENCH SHALL BE REMOVED TO THE DEPTH NECESSARY TO EXPOSE CLEAN CLASS 3 BACKFILL. THE TRENCH SO EXCAVATED SHALL BE BACKFILLED WITH NEW CLASS 3 BACKFILL MATERIAL, OR IF THE CONTRACTOR SO ELECTS, HE MAY SUBSTITUTE MATERIAL MEETING THE REQUIREMENTS OF ITEM B-112, POROUS BASE COURSE.

POROUS BASE COURSE SHALL BE CONSTRUCTED AND CONSTRUCTION OF THE WATERPROOFED AGGREGATE COURSE SHALL FOLLOW IMMEDIATELY.



SPECIAL PORTLAND CEMENT CONCRETE CURB
(NO SCALE)