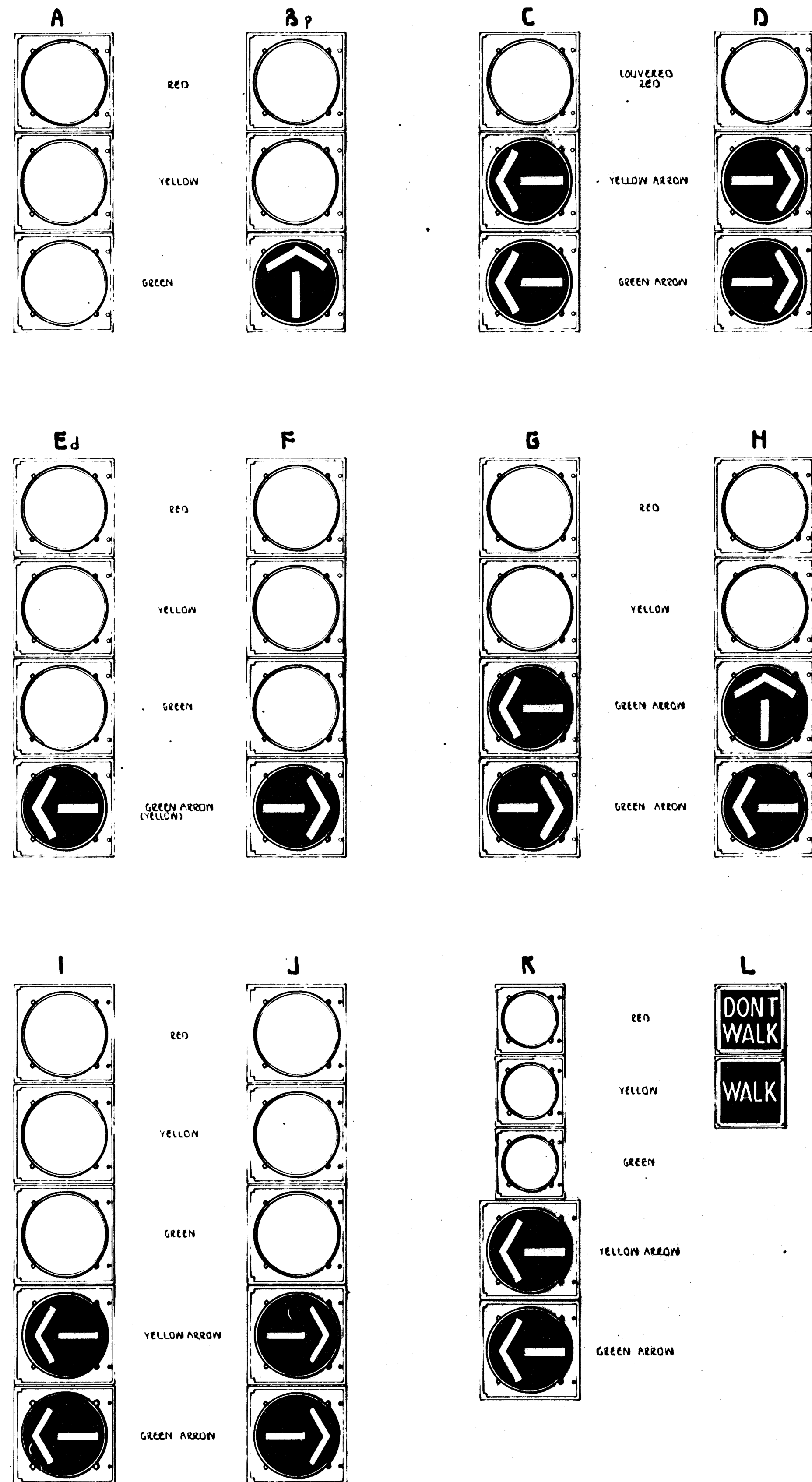
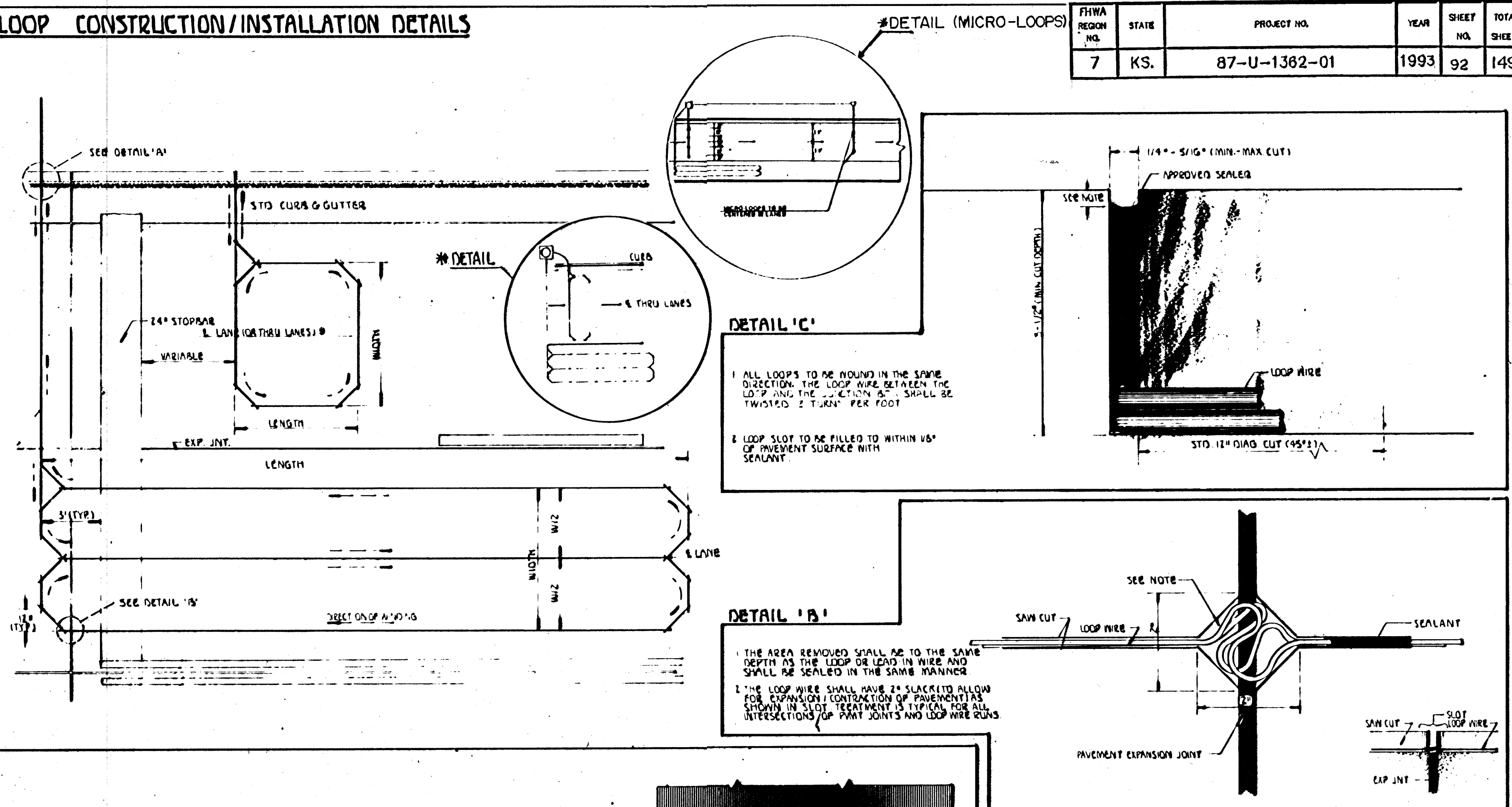




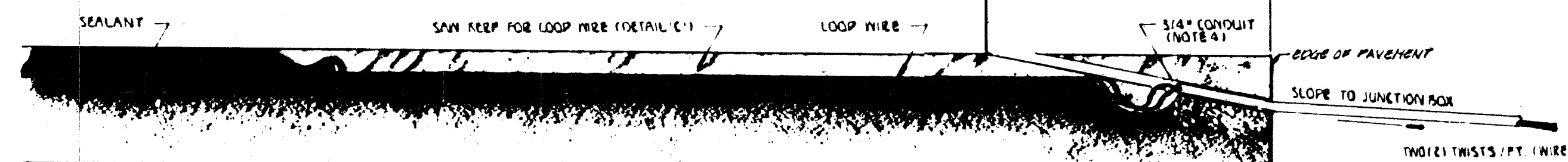
SIGNAL FACE ARRANGEMENT

SIGNAL 'B' IS PROGRAMMED TYPE (P).
 SIGNAL 'E' IS DUAL MODE GREEN/YELLOW ARROW SECTION TYPE (d).
 SIGNAL 'K' IS TYPICAL 5' SECTION ARRANGEMENT USED BY C of W.
 (6" 3-SECT. w/12" ARROWS.)

LOOP CONSTRUCTION/INSTALLATION DETAILS

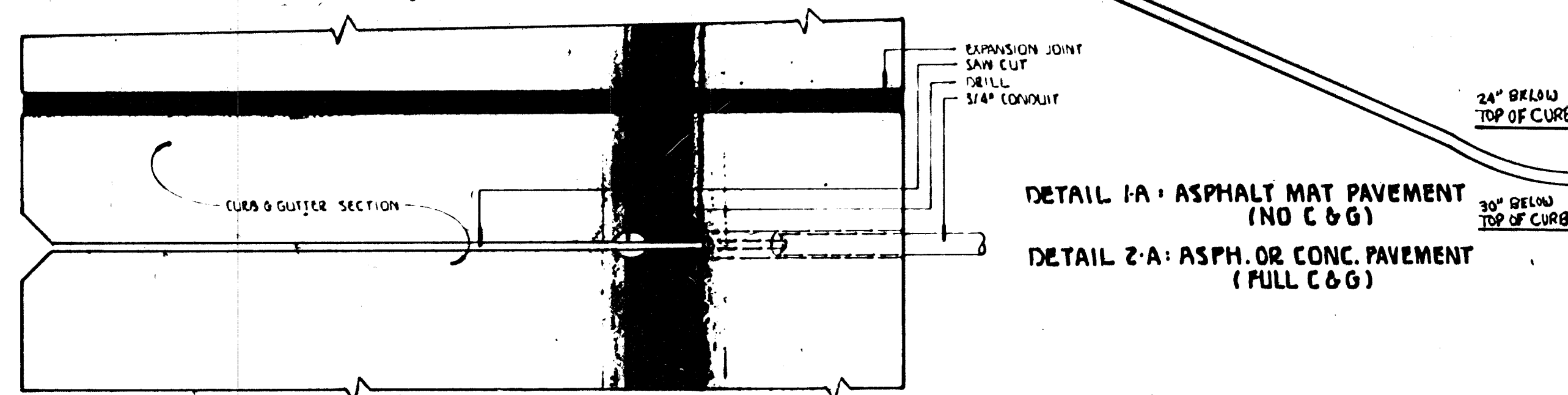
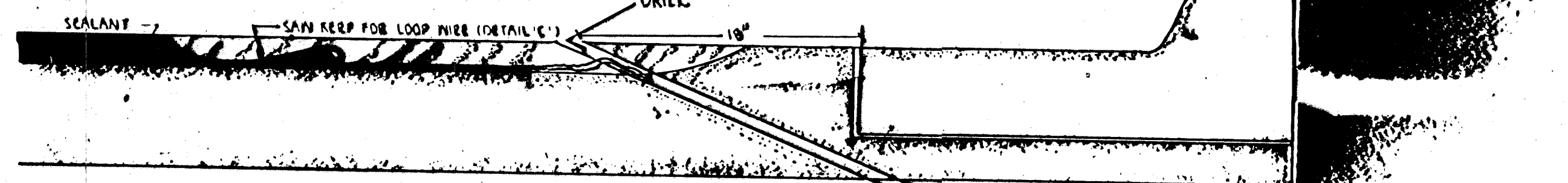


DETAIL 1-A



1. 3/4" CONDUIT TO BE INSTALLED INTO PAVEMENT - 1/2" DOWN FROM SURFACE OF PAVEMENT
2. THE CONDUIT (SLOPE) SHALL SLOPE DOWNWARD FROM BACK OF CURB (OR EDGE OF PAVEMENT) INTO THE JUNCTION BOX. SEE DETAIL SHEET FOR SERVICE JUNCTION BOX CONSTRUCTION/INSTALLATION FOR HOOR UP DETAILS
3. NO EXPANSION JOINT IN THE PAVEMENT OR CURB & GUTTER SHALL BE UTILIZED IN THE PLACEMENT OF LOOP WIRE RUNS OR CONDUIT. EXPANSION JOINTS SHALL BE LOCATED IN ANY PART OF ANY DRIVE APPROACH AND/OR CORNER RADIUS
4. SEAL CONDUIT END WITH DUCT SEAL TO PREVENT LOOP SEALANT FROM ENTERING CONDUIT

DETAIL 2-A



DETAIL 1-A: ASPHALT MAT PAVEMENT (NO C & G)
 DETAIL 2-A: ASPH. OR CONC. PAVEMENT (FULL C & G)

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KS.	87-U-1362-01	1993	92	149

- NOTES:**
1. LOOP FEEDER CONDUIT SHALL BE MINIMUM 18" FROM ANY OTHER LOOP FEEDER CONDUIT
 2. SAW CUT RUNNING PARALLEL WITH EXPANSION JOINT OR ANY OTHER SAW CUT SHALL BE MINIMUM 18" APART
 3. a. Loops - 25' or less - 4 turns
 b. Loops - over 25' - 3 turns
 c. Quad Loops - 2-4-2 turns

REV DATE	COMMENTS	BY
10/20/93	REVISION 1: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 2: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 3: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 4: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 5: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 6: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 7: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 8: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 9: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93
10/20/93	REVISION 10: SEE DETAIL 1-A FOR LOOP WIRE AND CONDUIT	10/20/93

PROJECT DESCRIPTION
 SIGNAL FACE ARRANGEMENT / LOOP DETECTOR CONSTRUCTION AND INSTALLATION DETAILS

PROJECT NUMBER: 87-U-1362-01

APPROVED BY: [Signature] DATE: SEPT 03

CITY OF NICHITA
 DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING
 WIR & MECHANICAL: TRAFFIC ENGINEER

SCALE: DO NOT SCALE FOR INFORMATION ONLY.