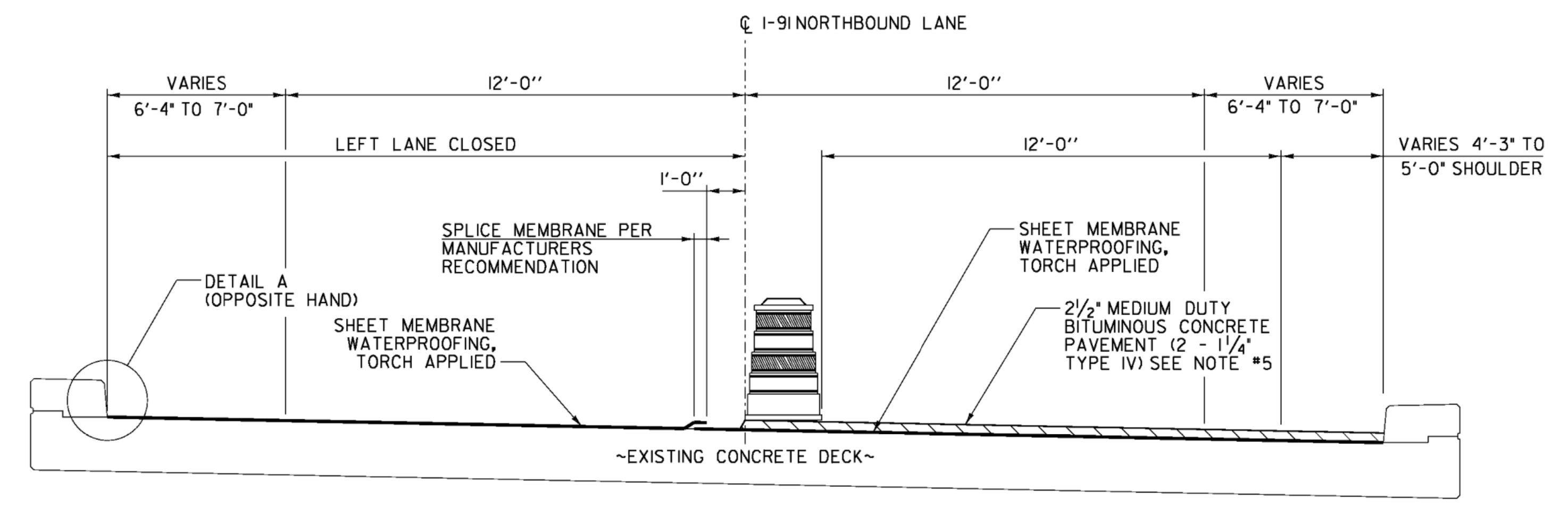


NOTE: LEFT LANE CLOSURE AND LEFT SIDE MEMBRANE SPLICE SHOWN. RIGHT LANE CLOSURE AND RIGHT SIDE MEMBRANE SPLICE SIMILAR. CONTRACTOR TO DETERMINE WHICH LANE THE MEMBRANE SPLICE SHALL OCCUR IN UNLESS THE BRIDGE IS SUPERELEVATED. BRIDGES WITH SUPERELEVATION SHALL HAVE THE MEMBRANE PLACED AS SHOWN ON THE MEMBRANE SPLICE DETAIL - SUPERELEVATED.

MEMBRANE SPLICE DETAIL - NORMAL CROWN

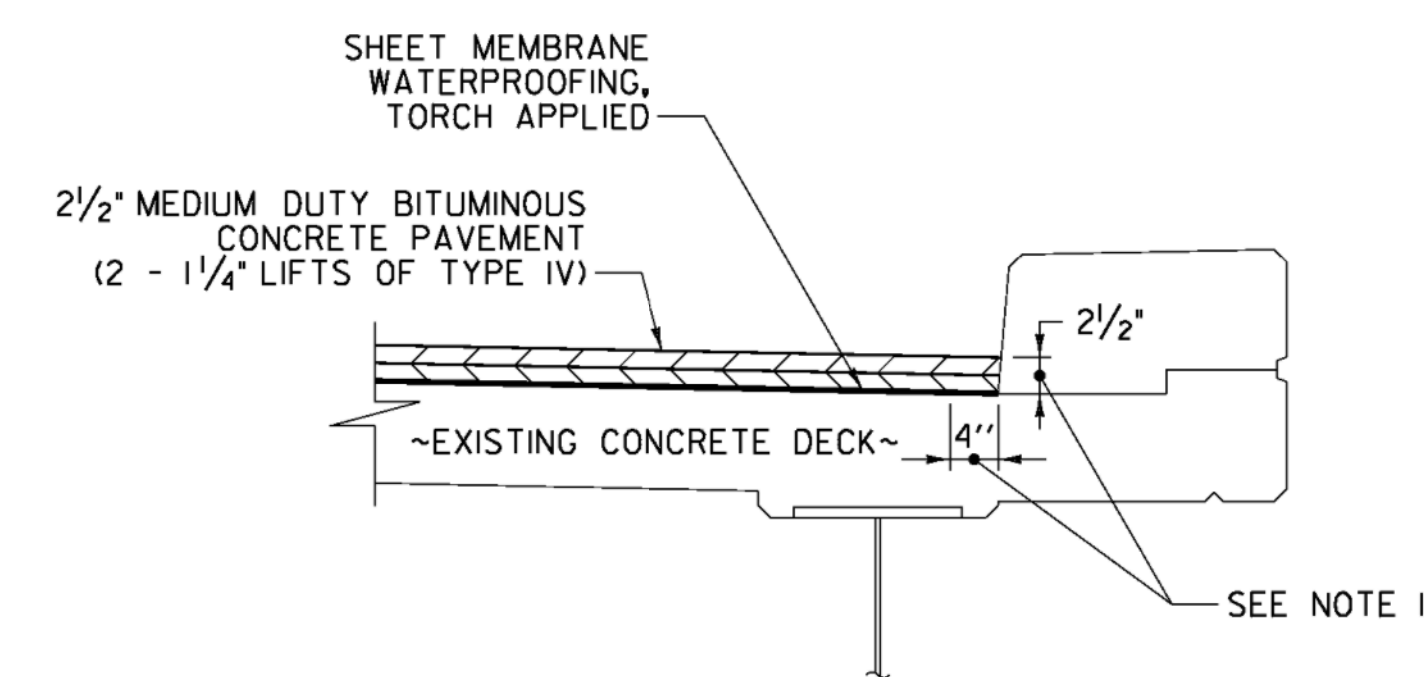
(BRIDGES 70N AND 78N)
NOT TO SCALE



NOTE: LEFT LANE CLOSURE AND LEFT SIDE MEMBRANE SPLICE SHOWN. RIGHT LANE CLOSURE AND RIGHT SIDE MEMBRANE SPLICE SIMILAR. PLACEMENT OF THE MEMBRANE SHALL START AT THE LOWSIDE OF THE BRIDGE. THE SPLICE SHALL BE AS SHOWN ABOVE, WITH THE HIGH SIDE OVERLAPPING THE LOW SIDE.

MEMBRANE SPLICE DETAIL - SUPERELEVATED

(BRIDGES 71N, 74N, 76N, AND 77N)
NOT TO SCALE



DETAIL A
NOT TO SCALE

DETAIL A NOTES:

- INDICATES AREA ALONG DECK AND UP FACE OF CURB FOR PLACEMENT OF TWO COATS OF POLYURETHANE MEMBRANE.
- POLYURETHANE MEMBRANE AND BLAST CLEANING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SHEET MEMBRANE WATERPROOFING, TORCH APPLIED.
- SHEET MEMBRANE WATERPROOFING SHALL EXTEND TO FACE OF CURB AS SHOWN.
- IN ADDITION TO THE REQUIREMENTS OF SUBSECTION 519.04, BLAST CLEAN 2 1/2" UP THE FACE OF CURB PRIOR TO PLACING THE MEMBRANE.
- FOR PG BINDER GRADE SEE SECTION 406 OF THE GENERAL PROVISIONS

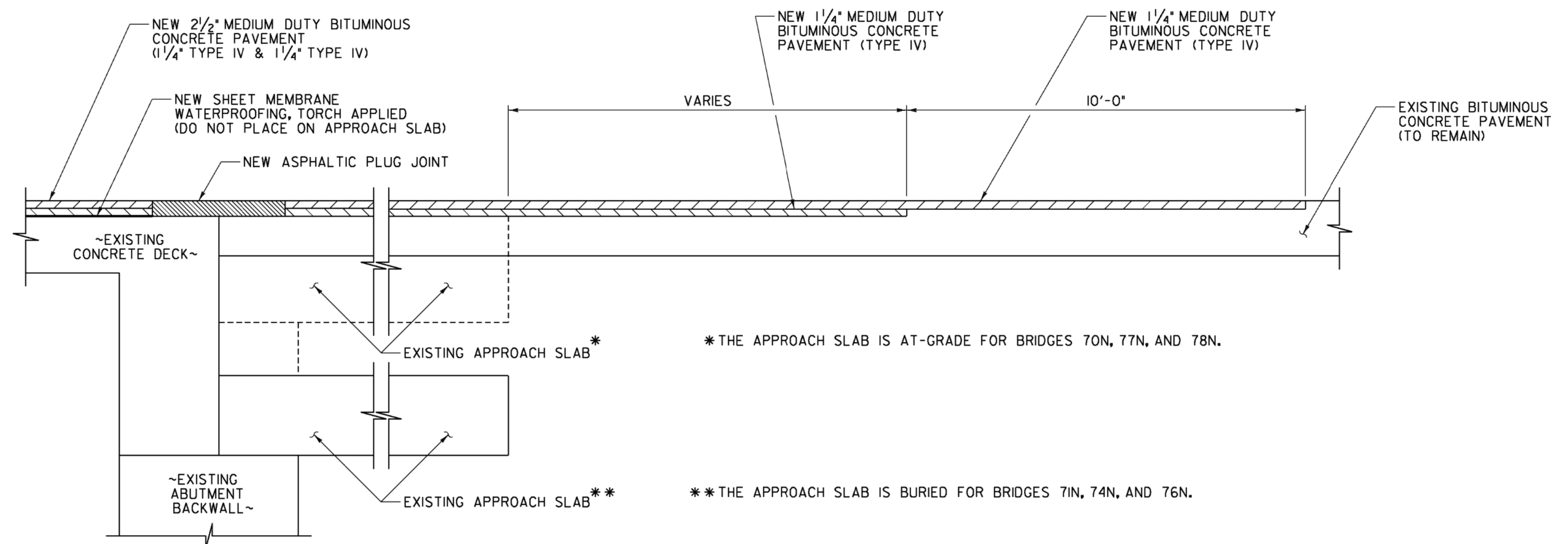
ASPHALTIC PLUG JOINT REPLACEMENT SCHEDULE

BRIDGE NO.	ABUT. 1	ABUT. 2
70N	43 FT	43 FT
* 71N	38 FT--	38 FT
* 74N	--	53 FT
* 76N	65 FT	--
77N	--	--
78N	--	47 FT

* - BURIED APPROACH SLAB, GALVANIZED STEEL PLATE NOT REQUIRED. (SEE ASPHALTIC PLUG-TYPE JOINT DETAIL ON SHEET 9).

BRIDGE LENGTH AND WIDTH (CURB TO CURB)

	WIDTH (CURB TO CURB) (FEET)	LENGTH (FEET)
70N	38.00	82.27
71N	38.00	117.00
74N	38.00	120.96
76N	36.67	286.69
77N	36.67	428.50
78N	36.67	270.51



TYPICAL APPROACH SECTION
NOT TO SCALE

* THE APPROACH SLAB IS AT-GRADE FOR BRIDGES 70N, 77N, AND 78N.

** THE APPROACH SLAB IS BURIED FOR BRIDGES 71N, 74N, AND 76N.

PROJECT NAME: BARNET
PROJECT NUMBER: IM MEMB(17)
FILE NAME: 09-Bit Conc Dets.dgn
PLOT DATE: 3/20/2009
PROJECT LEADER: JPB
DRAWN BY: MWS
DESIGNED BY: SRB
CHECKED BY: JPB
BITUMINOUS CONCRETE DETAILS
SHEET 8 OF 63