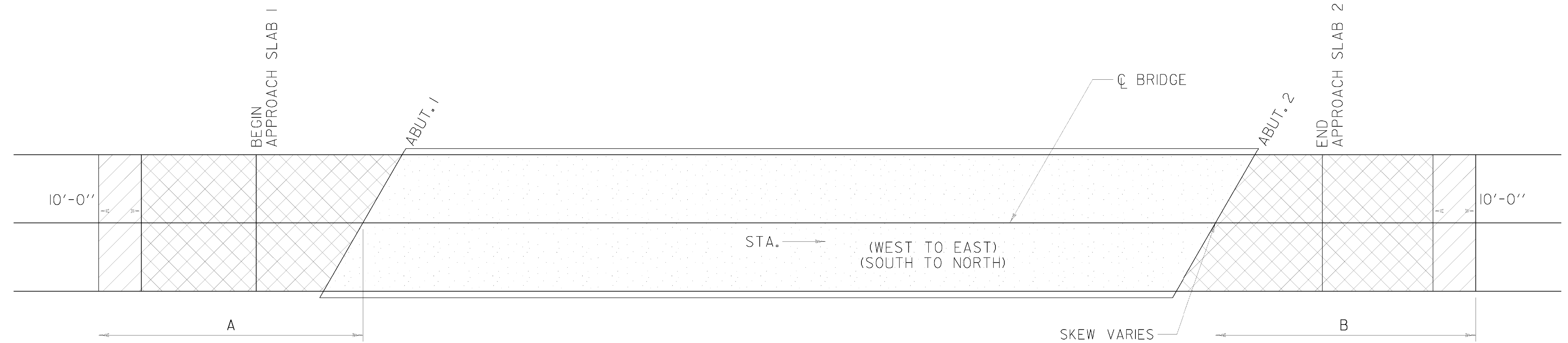


BRIDGE NO.	A (FT)	B (FT)	
5	<del>35.0</del>	<del>20.0</del>	60.0
6	60.0	60.0	
15	<del>30.0</del>	<del>30.0</del>	60.0
29	60.0	60.0	
40	<del>30.0</del>	<del>30.0</del>	60.0
54	<del>40.0</del>	<del>40.0</del>	60.0
21	<del>40.0</del>	<del>40.0</del>	60.0
23	100.0	65.0	

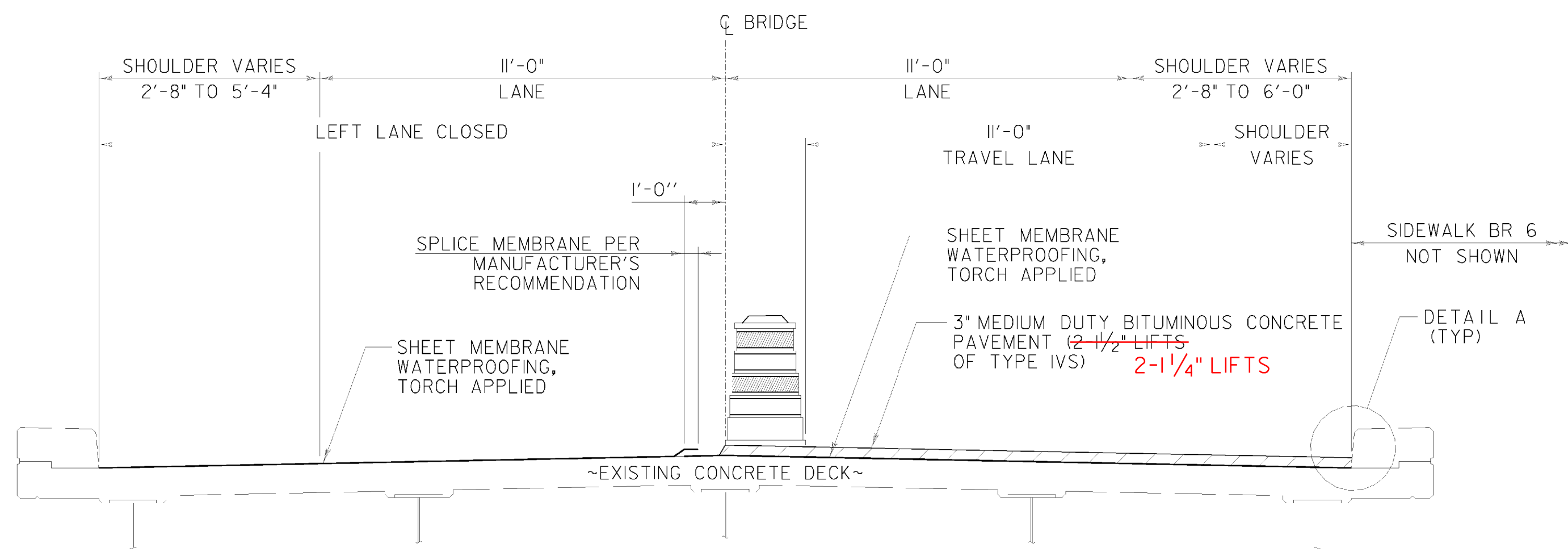
ALL APPROACHES EXTENDED OUT TO 60 FT TO PROVIDE ADEQUATE DISTANCE FOR PROPER PAVING OPERATIONS.



- COLD PLANE - 1/2"
- COLD PLANE - TO WITHIN 1/2" FROM THE TOP OF THE APPROACH SLABS FOR BRIDGE 54 AND COLD PLANE 3" ON BRIDGES 5, 6, 15, 29, 40, 21 AND 23.
- COLD PLANE - TO WITHIN 1/2" FROM THE TOP OF THE CONCRETE BRIDGE DECK AND REMOVE THE BARRIER MEMBRANE (SEE NOTE 12, SHEET 2). REMOVAL OF THE BIT. CONC. PAV'T. WILL BE PAID FOR UNDER ITEM 529.10. REMOVAL OF THE BARRIER MEMBRANE WILL BE PAID FOR UNDER ITEM 580.16.

### BITUMINOUS CONCRETE REMOVAL & REPLACEMENT PLAN

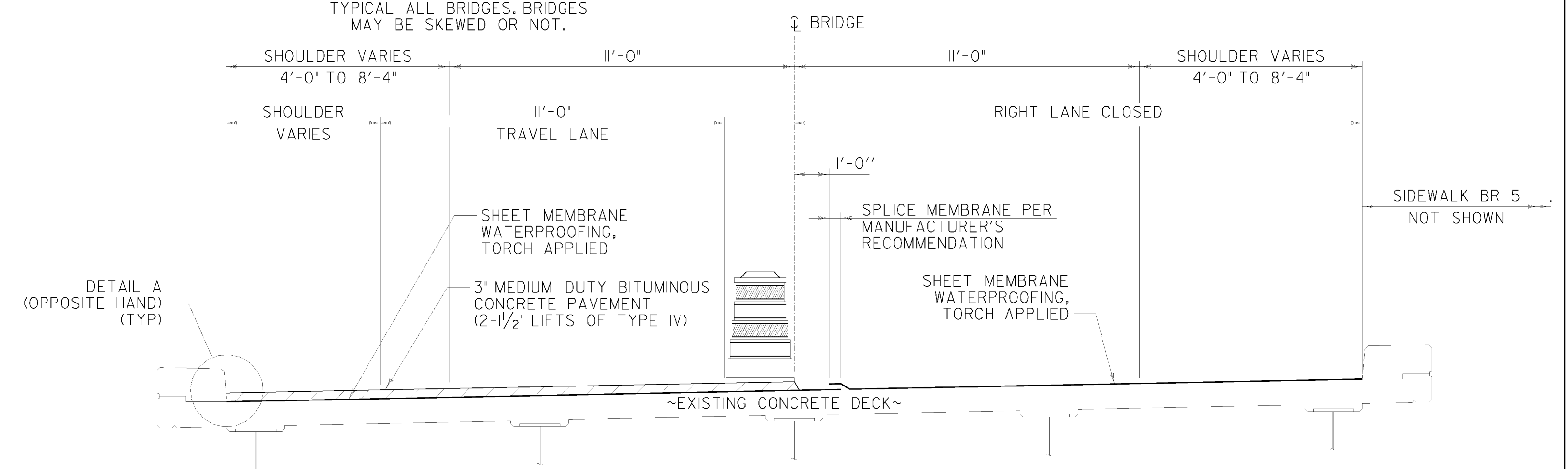
NOT TO SCALE  
TYPICAL ALL BRIDGES. BRIDGES MAY BE SKEWED OR NOT.



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 BRIDGES 5, 15, 29 & 54.

#### MEMBRANE SPLICE DETAIL BRIDGES 6, 40, 21 & 23

NOT TO SCALE



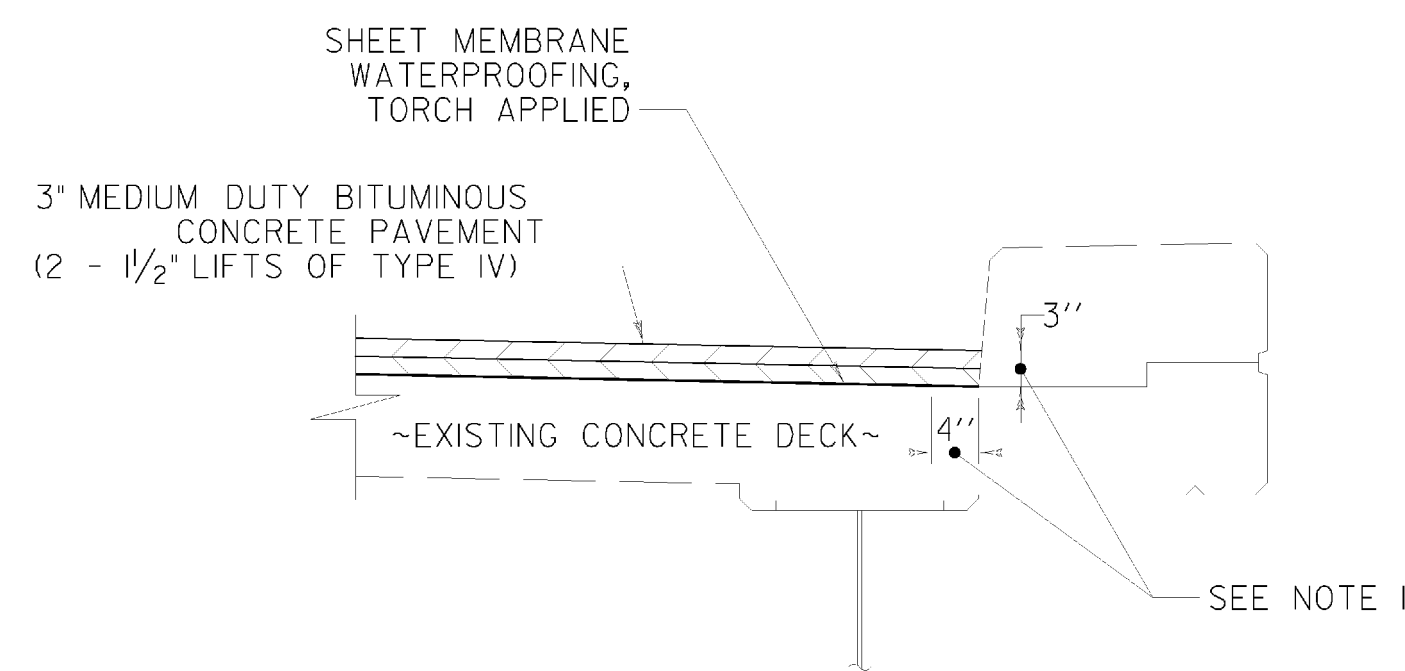
NOTE: RIGHT LANE CLOSURE AND RIGHT SIDE MEMBRANE SPLICE SHOWN. LEFT LANE CLOSURE AND LEFT SIDE MEMBRANE SPLICE SIMILAR. PLACEMENT OF THE MEMBRANE SHALL START AT THE LOW SIDE OF THE BRIDGE. THE SPLICE SHALL BE AS SHOWN ABOVE, WITH THE HIGH SIDE OVERLAPPING THE LOW SIDE.

#### MEMBRANE SPLICE DETAIL BRIDGES 5, 15, 29 & 54

NOT TO SCALE

NOTE:

FOR PG BINDER GRADE SEE SECTION 406 OF THE GENERAL SPECIAL PROVISIONS.



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, ITEM 519.20.
- SHEET MEMBRANE WATERPROOFING SHALL EXTEND TO FACE OF CURB AS SHOWN.
- IN ADDITION TO THE REQUIREMENTS OF SUBSECTION 519.04, BLAST CLEAN 3" UP THE FACE OF CURB PRIOR TO PLACING THE MEMBRANE.

#### BRIDGE LENGTH AND WIDTH (CURB TO CURB)

BRIDGE NO.	WIDTH (CURB TO CURB) (FEET)	LENGTH (FEET)
5	33.33	78.26
6	33.33	84.06
15	32.67	158.00
29	38.67	210.43
40	32.67	98.85
54	30.00	230.00
21	32.67	107.50
23	27.33	143.86



PROJECT NAME: STATEWIDE - SOUTHWEST REGION

PROJECT NUMBER: BHF MEMB(20)

FILE NAME: MDT 2.DGN

PROJECT LEADER: P. PIERCE

DESIGNED BY: C. AYERS

BITUMINOUS CONCRETE DETAILS SHEET 1

PLOT DATE: 3/11/2009

DRAWN BY: C. KAHLBAUGH

CHECKED BY: P. PIERCE

SHEET 8 OF 47