



PT#	ANGLE OF MAIN SPAN OPNG.	ANGLE DIFFERENCE BETWEEN PT'S
1	CLOSED	
A	7° 33' 11"	7° 33' 11"
B	18° 37' 44"	11° 04' 33"
C	33° 37' 24"	14° 59' 40"
D	51° 29' 21"	17° 51' 37"
MAX. OPNG.	63° 00' 00"	11° 30' 39"
E	69° 13' 57"	6° 13' 57"
2	80° 06' 34"	10° 52' 37"
3	85° 00' 52"	4° 54' 18"

PT#	ANGLE OF ANCHOR STRUT	ANGLE DIFFERENCE BETWEEN PT'S
1	CLOSED	
A	180° 45' 18"	10' 47"
B	180° 22' 43"	22' 35"
C	178° 00' 04"	2° 22' 39"
D	170° 28' 36"	7° 31' 28"
MAX. OPNG.	161° 09' 41"	9° 18' 55"
E	154° 24' 34"	6° 45' 07"
2	135° 49' 18"	18° 35' 16"
3	117° 27' 52"	18° 21' 26"

PT#	ANGLE OF OPERATING STRUT	ANGLE DIFFERENCE BETWEEN PT'S
1	CLOSED	
A	2° 26' 15"	2° 00' 52"
B	5° 27' 16"	3° 01' 01"
C	9° 22' 19"	3° 55' 03"
D	13° 25' 34"	4° 03' 15"
MAX. OPNG.	14° 59' 56"	1° 34' 22"
E	16° 04' 13"	1° 04' 17"
2	17° 08' 04"	1° 03' 51"
3	18° 37' 56"	1° 29' 52"

PT#	ANGLE OF CONTROL STRUT	ANGLE DIFFERENCE BETWEEN PT'S
1	CLOSED	
A	142° 45' 21"	14° 57' 40"
B	160° 29' 33"	17° 44' 12"
C	180° 58' 51"	20° 29' 18"
D	202° 14' 01"	21° 15' 10"
MAX. OPNG.	214° 40' 41"	12° 26' 40"
E	219° 58' 37"	5° 17' 56"
2	230° 51' 14"	10° 52' 37"
3	235° 45' 32"	4° 54' 18"

REV	DESCRIPTION	BY	DATE



BROADWAY BRIDGE

LEAF OPENING DESIGN

APPROVED: \_\_\_\_\_ P.E.  
 BRIDGE ENGINEER  
 DESIGNED: \_\_\_\_\_  
 DRAWN: CJS  
 CHECKED: \_\_\_\_\_  
 REVIEWED: \_\_\_\_\_

DATE 1992 BRIDGE NO. 6757 DRAWING NO. \_\_\_\_\_  
 SCALE 1/8"=1'-0" FILE NO. \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_

6757\_1992\_LEAF\_004\_LEAF\_OPENING DESIGN