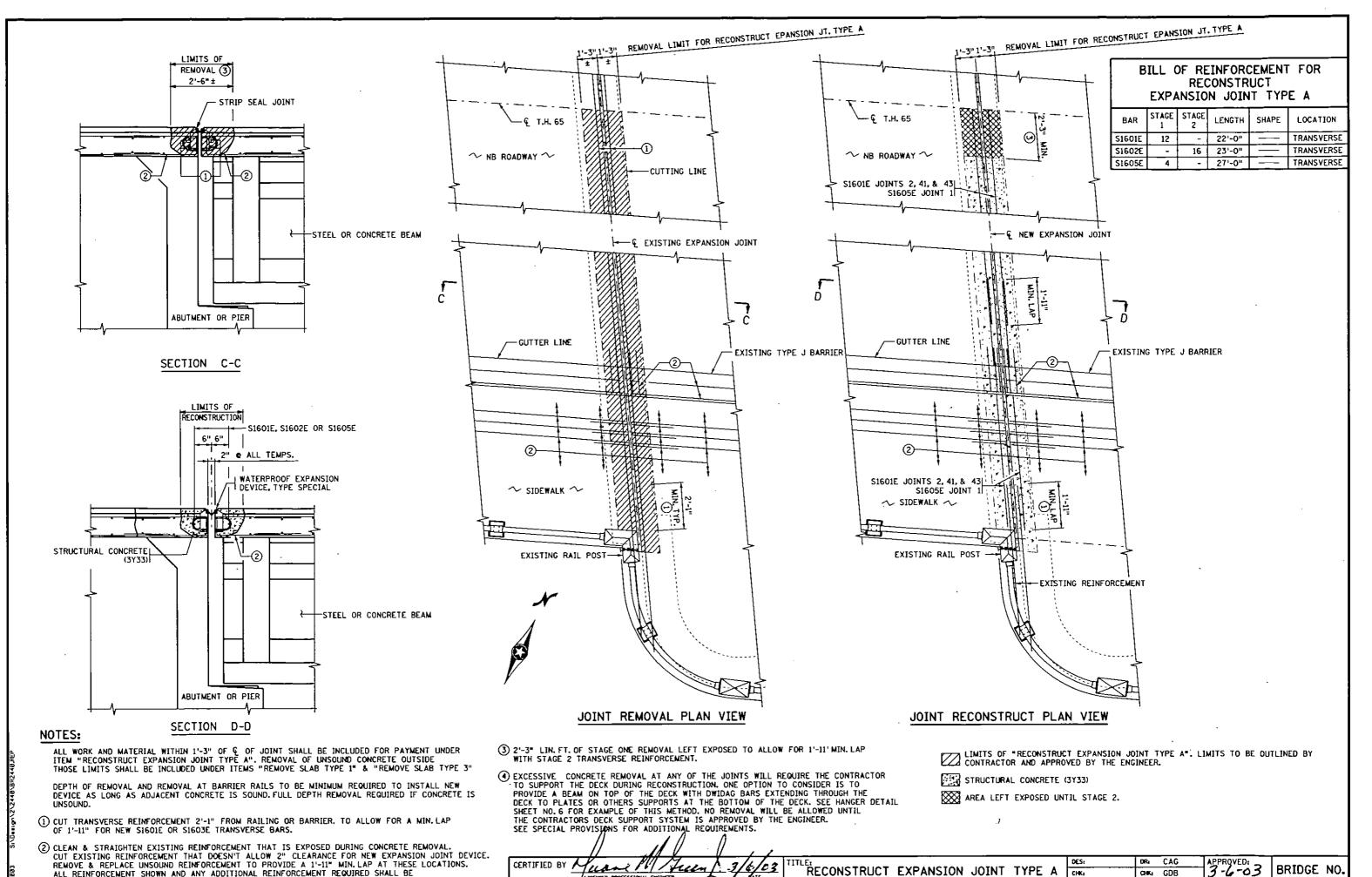


NAME: DUANE M. GREEN, JR.

LIC. NO. 13361

2440

SHEET NO. 6 OF 15 SHEETS



LIC. NO. 13361

NAME: DUANE M. GREEN, JR.

CHKI GDB

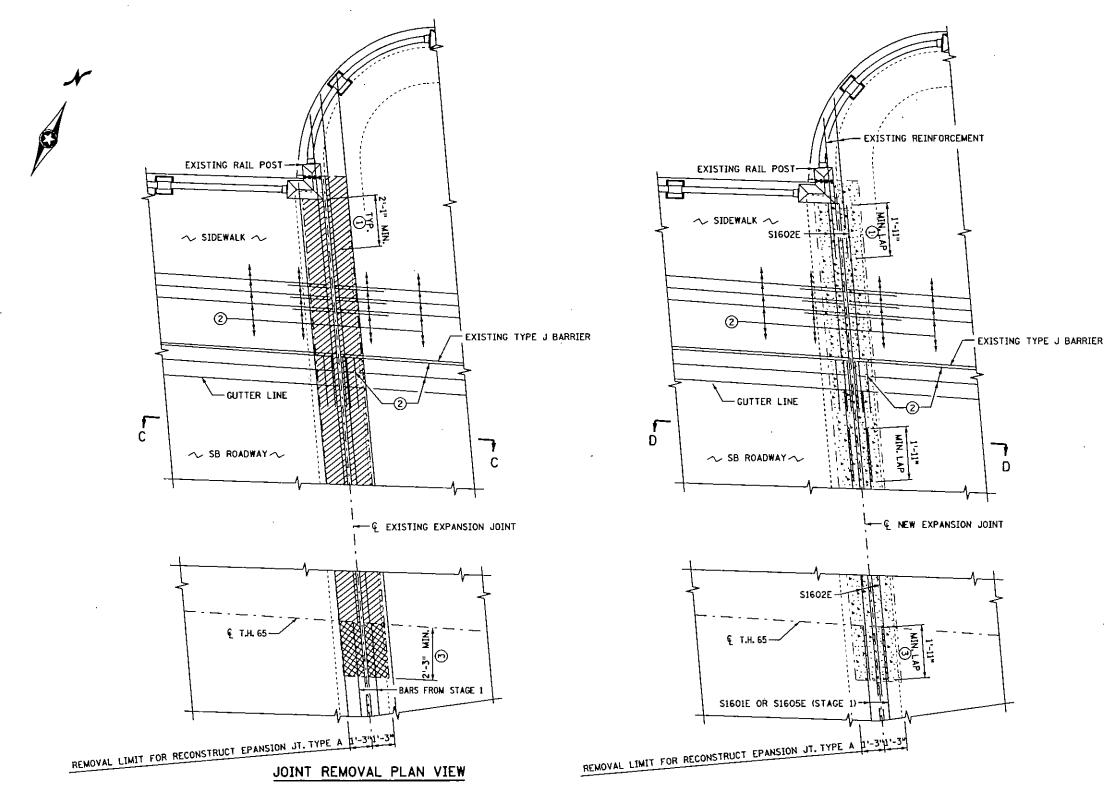
SHEET NO. 7 OF 15 SHEETS

2440

STAGE 1
(TYPICAL AT EXISTING EXPANSION JOINTS IN APPOARCH SPANS)

ALL REINFORCEMENT SHOWN AND ANY ADDITIONAL REINFORCEMENT REQUIRED SHALL BE

INCIDENTAL TO "RECONSTRUCT EXPANSION JOINT TYPE A".



NOTES:

ALL WORK AND MATERIAL WITHIN 1'-3" OF & OF JOINT SHALL BE INCLUDED FOR PAYMENT UNDER ITEM "RECONSTRUCT EXPANSION JOINT TYPE A". REMOVAL OF UNSOUND CONCRETE OUTSIDE THOSE LIMITS SHALL BE INCLUDED UNDER ITEMS "REMOVE SLAB TYPE 1" & "REMOVE SLAB TYPE 3"

DEPTH OF REMOVAL AND REMOVAL AT BARRIER RAILS TO BE MINIMUM REQUIRED TO INSTALL NEW DEVICE AS LONG AS ADJACENT CONCRETE IS SOUND FULL DEPTH REMOVAL REQUIRED IF CONCRETE IS

- CUT TRANSVERSE REINFORCEMENT 2'-1" FROM RAILING OR BARRIER. TO ALLOW FOR A MIN. LAP ① OF 1'-11" FOR NEW S1601E OR S1603E TRANSVERSE BARS.
- CLEAN & STRAIGHTEN EXISTING REINFORCEMENT THAT IS EXPOSED DURING CONCRETE REMOVAL.

 (2) CUT EXISTING REINFORCEMENT THAT DOESN'T ALLOW 2" CLEARANCE FOR NEW EXPANSION JOINT DEVICE. REMOVE & REPLACE UNSOUND REINFORCEMENT TO PROVIDE A 1'-11" MIN. LAP AT THESE LOCATIONS. ALL REINFORCEMENT SHOWN AND ANY ADDITIONAL REINFORCEMENT REQUIRED SHALL BE INCIDENTAL TO "RECONSTRUCT EXPANSION JOINT TYPE A".
- 3 2'-3" LIN. FT. OF STAGE ONE REMOVAL LEFT EXPOSED TO ALLOW FOR 1'-11' MIN. LAP WITH STAGE 2 TRANSVERSE REINFORCEMENT.
- 4 EXCESSIVE CONCRETE REMOVAL AT ANY OF THE JOINTS WILL REQUIRE THE CONTRACTOR TO SUPPORT THE DECK DURING RECONSTRUCTION. ONE OPTION TO CONSIDER IS TO PROVIDE A BEAM ON TOP OF THE DECK WITH DWIDAG BARS EXTENDING THROUGH THE DECK TO PLATES OR OTHERS SUPPORTS AT THE BOTTOM OF THE DECK. SEE HANGER DETAIL SHEET NO. 6 FOR EXAMPLE OF THIS METHOD. NO REMOVAL WILL BE ALLOWED UNTIL THE CONTRACTORS DECK SUPPORT SYSTEM IS APPROVED BY THE ENGINEER. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.

JOINT RECONSTRUCT PLAN VIEW

- LIMITS OF "RECONSTRUCT EXPANSION JOINT TYPE A".LIMITS TO BE OUTLINED BY CONTRACTOR AND APPROVED BY THE ENGINEER
- STRUCTURAL CONCRETE (3Y33)
- AREA LEFT EXPOSED DURING STAGE 1.

NO. 7 FOR SECTIONS CC & D-D CERTIFIED BY 3/6/03

SEE SHEET NO. 7 FOR BILL OF REINFORCEMENT.

NAME: DUANE M. GREEN, JR.

RECONSTRUCT EXPANSION JOINT TYPE A

3-4-03 CHIK GDB

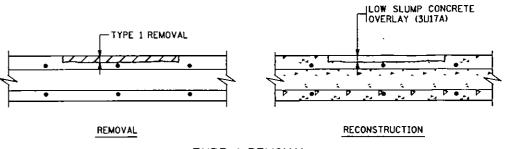
BRIDGE NO. 2440

LIC. NO. 13361

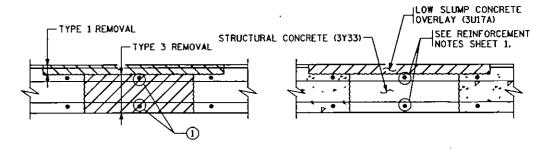
STAGE 2 SHEET NO. 8 OF 15 SHEETS

INT NO.	SOUTH SIDE OF JOINT	NORTH SIDE OF JOINT	
1	OK	OK	
2	OK	OX	
3	OK	OK	
4	OK	OK	
5	OK	OK	
6	OK	OK	
7	OK .	OK	
8	OK	OK	
9	MAX WIDTH OF 36" × 24'-0"	MAX WIDTH OF 32" x 24'-0"	
10	OK	OK	
11	OK	OK	
12	OK	OK	
13	MAX WIDTH OF 22" x 5'-0"	OK	
14	MAX WIDTH OF 36" x 16'-0"	OK	
15	MAX WIDTH OF 27" × 8'-0"	MAX WIDTH OF 18" × 2'-0"	
16	OK	MAX WIDTH OF 16" x 16'-0"	
17	OK	OK	
18	OK	MAX WIDTH OF 24" × 6'-0"	
19	MAX WIDTH OF 22" x 3'-0"	OK	
20	MAX WIDTH OF 18" x 22'-0"	MAX WIDTH OF 34" × 22'-0"	
21	MAX WIDTH OF 36" x 24'-0"	MAX WIDTH OF 43" × 10'-0"	
22	OK	MAX WIDTH OF 20" x 12'-0" MAX WIDTH OF 14" x 2'-0"	
23	OK	OK	
24	MAX WIDTH OF 16" × 2'-0"	MAX WIDTH OF 16" × 2'-0"	
25	OK	OK	
26	MAX WIDTH OF 24" × 10'-0"	MAX WIDTH OF 16" x 3'-0" MAX WIDTH OF 16" x 3'-0"	
27	MAX WIDTH OF 25" × 11'-0" MAX WIDTH OF 12" × 6'-0"	MAX WIDTH OF 24" x 9'-0"	
28	OK	MAX WIDTH OF 19" x 4'-0"	
29	MAX WIDTH OF 23" × 7'-0"	OX	
30	MAX WIDTH OF 17" × 5'-0"	OK	
31	OK	OK	
32	MAX WIDTH OF 27" ×28'-0"	OK	
33	MAX WIDTH OF 27" × 2'-0"	MAX WIDTH OF 20" x 6'-0"	
34	MAX WIDTH OF 32" ×28'-0"	OK	
35	OK	OK	
36	OK	OK	
37	OK	MAX WIDTH OF 16" x 13'-0"	
38	OK	OK	
39	OK	OK	
40	OK	OK	
41	OK	OK	
42	OK	OK	
43	OK	OK	

OINT NO.	NORTH SIDE OF JOINT	SOUTH SIDE OF JOINT		
1	OK	OK_		
2	OK	OK		
3	OK	OK		
4	OK	OK		
5	OK	ОК		
6	OK	MAX WIDTH OF 24" x 4'-0"		
7	OK	OK		
В	MAX WIDTH OF 16" x 8'-0"	MAX WIDTH OF 16" x 8'-0"		
9	MAX WIDTH OF 24" x 28'-0"	MAX WIDTH OF 20" x 14'-0"		
10	OK	OK		
44	MAX WIDTH OF 18" × 7'-0"	114V 1970TH OF 109 171 OH		
11	MAX WIDTH OF 21" × 6'-0"	MAX WIDTH OF 16" × 13'-0"		
12	MAX WIDTH OF 20" x 27'-0"	MAX WIDTH OF 20" x 27'-0"		
13	MAX WIDTH OF 17" x 27'-0"	MAX WIDTH OF 17" x 27'-0"		
		MAX WIDTH OF 20" x 28'-0"		
14	MAX WIDTH OF 20" × 28'-0"	MAX WIDTH OF 36" x 7'-0"		
15	MAX WIDTH OF 20" x27'-0"	MAX WIDTH OF 20" × 27'-0"		
16	MAX WIDTH OF 16" x 27'-0"	MAX WIDTH OF 18" x 27'-0"		
17	MAX WIDTH OF 24" x 27'-0"	MAX WIDTH OF 24" x 27'-0"		
18	OK	MAX WIDTH OF 14" x 27'-0"		
19	MAX WIDTH OF 16" × 28'-0"	MAX WIDTH OF 20" x 28'-0"		
20	MAX WIDTH OF 15" × 28'-0"	MAX WIDTH OF 24" × 28'-0"		
21	WIDTH VARIES FROM 36" TO 57" x 24'-0"	MAX WIDTH OF 19" x 28'-0"		
22	OK	OK		
	MAX WIDTH OF 17" × 3'-0"	MANUALITY OF ATHER BLOKE		
23	MAX WIDTH OF 17" × 8'-0"	MAX WIDTH OF 17" × 8'-0"		
24	OK	OK		
25	MAX WIDTH OF 48" × 48" DELAM	MAX WIDTH OF 15" × 27'-0"		
26	OGK	MAX WIDTH OF 30" × 17'-0"		
27	MAX WIDTH OF 36" × 8'-0"	OK		
28	MAX WIDTH OF 60" x 3'-0"	MAX WIDTH OF 18" × 7'-0"		
29	OK	OK		
30	OK	OK		
31	MAX WIDTH OF 24" × 5'-0" MAX WIDTH OF 36" × 6'-0" DELAM	OK		
32	OK	OK		
33	OK .	OK		
34	OK .	OK		
35	OK .	MAX WIDTH OF 28" × 5'-0"		
36	OK .	OK OK		
37	OK	OK		
38	OK .	OK		
39	OK	OK OK		
40	OK OK	OK OK		
41	OK OK	OK OK		
42	OK OK	OK OK		
43	OK OK	OK .		



TYPE 1 REMOVAL



REMOVAL

RECONSTRUCTION

TYPE 3 REMOVAL

NOTES:

NO CUTTING WILL BE PERMITTED UNTIL THE CUTTING LIMITS HAVE BEEN OUTLINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. REMOVAL AND RECONSTRUCTION SHALL CONFORM TO SPEC. 2433.

- 1 REMOVE IF BAR MOSTLY EXPOSED OR UNSOUND. CUT TO LEAVE 1'-11" LAP FROM BARRIER.
- 2 AREAS SHOWN ARE BASED ON DECK SURVEY INFORMATION TAKEN IN 2002. ALL UNSOUND CONCRETE AT JOINTS SHALL BE REMOVED. UNSOUND CONCRETE BEYOND 1'-3" FROM & OF JOINT SHALL BE PAID FOR AS "REMOVE SLAB TYPE 1" OR "REMOVE SLAB TYPE 3"

CERTIFIED BY

LICENSED PROFESSIONAL ENGINEER

NAME: DUANE M. GREEN, JR.

LIC. NO. 13361

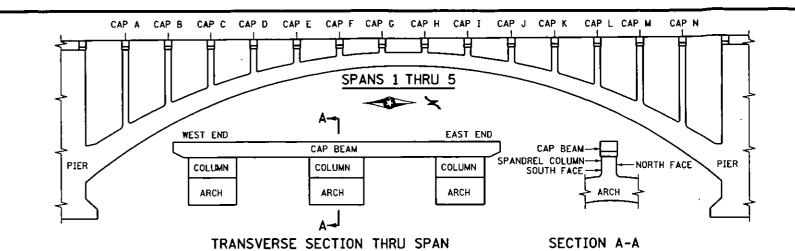
REMOVE SLAB TYPE 1 & 3

DESI DRI CAG APPROVED: 3-6-03

SHEET NO. 9 OF 15 SHEETS

BRIDGE NO. 2440

N NO.	CAP NO.	SOUTH FACE OF CAP	NORTH FACE OF CAP				
	Α	10'-0" DELAM ON CAP AND 10'-0" CORNER DELAM DECK SATURATED 6" TO 16" FROM CAP	5'-O" DELAM BOTTOM OF CAP DECK SATURATED 6" TO 16" FROM CAP				
	В	OK	OK				
	С	OK	OK				
1	D	5'-O" SPALLS & 5'-O" DELAM & WEST COLUMN DECK SATURATED O" TO 6" FROM CAP	CAP OK DECK SATURATED O" TO 6" FROM CAP				
	E	OK OK	OK .				
	F	CAP OK	CAP OK DECK SATURATED 6" TO 16" FROM CAP (MINOR)				
	G	- DECK SATURATED 6" TO 16" FROM CAP (MINOR) OK	SPALLS 10 SQ. FT. ABOVE CENTER ARCH				
	н	EXTENSIVE CRACKS IN COLUMNS ABOVE OUTSIDE ARCHS, WEST COLUMN IS OFFSET SPALL 10 SQ. FT. ABOVE CENTER ARCH SPALL 20 SQ. FT. AT EAST END OF CAP					
	ı	NO SPALLS - MINOR DECK DELAM 10'-O" DELAM BETWEEN CENTER AND EAST COLUM					
	J	OK	OK				
	K	2'-O" ABOVE CENTER ARCH 8'-O" CRACKING ABOVE CATWALK	10 SQ. FT. SPALL BETWEEN CENTER & WEST COLUMN DECK SATURATED O" TO 12" FROM CAP				
	L	OK	OK				
	M	OK	OK				
	N	10'DELAM ON CAP ABOVE CATWALK DECK SATURATED 6" TO 24" FROM CAP	20'-O" DELAM ON WEST CENTER CAP 5'-O" DELAM ON CAP ABOVE CATWALK DECK SATURATED 6" TO 24" FROM CAP				
	A	10'-O" DELAM ON WEST CENTER CAP 8'-O" DELAM ON EAST CENTER CAP DECK SATURATED 6" TO 36" FROM CAP	2 SQ.FT. SPALL ON WEST CENTER TOP OF CAP DECK SATURATED O" TO 12" FROM CAP				
	В		OK				
•	С	OK OK	OK 5'-O" CRACK/DELAM ON CAP BOTTOM & CATWALK				
	D	MINOR DELAM ON DECK	DECK SATURATED O" TO 6" FROM CAP				
	Ε	OK CAP OK	OK CAP OK				
	F	MINOR SATURATION ON DECK	MINOR SATURATION ON DECK				
	G	OK	OK OK				
	Н Н	OK MINOR SATURATION ON DECK	OK MINOR SATURATION ON DECK				
2	J	OK	OK				
	K	5'-0" DELAM ON CAP ABOVE CATWALK & WEST CENTER CAP BOTTOM MINOR DECK SATURATION	MINOR CRACKS ON WEST CENTER CAP BOTTOM MINOR DECK SATURATION				
	L	OK	OK				
	М	OK	OK				
	N	5'-O" DELAM ON TOP OF CAP ABOVE CENTER COLUMN MINOR 5-O" CRACK ON WEST CENTER BOTTOM OF CAP 10'-O" CRACK ON BOTTOM AT CATWALK DECK DELAM & SATURATED O" TO 24" FROM CAP	DECK SATURATED 6" TO 12" FROM CAP				
	A	MINOR CRACK ON CENTER WEST CAP BOTTOM DECK DELAM & SATURATED 6" TO 18" FROM CAP	SPALLS ON BOTTOM OF EAST DECK DECK SATURATED O" TO 6" FROM CAP				
	В	OK	OK				
	С	OK	OK				
	D	DECK SATURATED O" TO 6" FROM CAP	DECK SATURATED O" TO 6" FROM CAP				
	E F	OK MINOR DECK SATURATED	OK 5'-O" MINOR CRACK ON WEST CENTER CAP BOTTOM				
	G	OK	MINOR DECK SATURATION OK				
	Н	OK	OK				
	I	5'-O" MINOR CRACK ON WEST CENTER CAP BOTTOM MINOR DECK SATURATION	OK ·				
3	J	OK	OK				
	К	5'-O" DELAM ON CAP WEST OF CENTER COLUMN MINOR DECK SATURATION	ONE AREA OF DELAM OF DECK DECK SATURATED O" TO 6" FROM CAP				
	L	OK	OK				
	M	OK	OK				
	N	15 SQ.FT.SPALL UP TO 8" DEEP 15'-O" DELAM ON CENTER WEST BOTTOM OF CAP DECK SPALL & DELAM UP TO 18" OUT DECK SATURATED UP TO 4'-O" FROM CAP	15 SQ. FT. SPALL ABOVE CENTER COLUMN 5 SQ. FT. ON WEST CENTER CAP TOP DECK SPALL AND DELAM UP TO 2'-O" FROM DECK SATURATED UP TO 3'-O" FROM CAP				



ESTIMATED REPAIR AREAS - SPANS 4 & 5

SPAN NO.	CAP NO.	SOUTH FACE OF CAP	NORTH FACE OF CAP	
	A	5 SQ.FT.DELAM ON WEST CENTER CAP DECK DELAM 6" TO 2'-O" FROM CAP DECK SATURATED UP TO 3'-O" FROM CAP	LARGE SPALL 20 SQ.FT. ABOVE CENTER COLUMN 3 SQ.FT. SPALL TOP WEST 12" DEEP MINOR CRACK D BOTTOM ABOVE CATWALK SPALL EAST END OF CAP DECK DELAM 2'-O" FROM CAP & DECK SATURATED O" TO 3'-O" FROM CAP	
ļ	В	OK	ОК	
	С	OK OK	OK	
	D	MINOR DECK SATURATED O" TO 8" FROM CAP	MINOR DECK SATURATED O" TO 8" FROM CAP	
	E	OK	OK	
	F	10'-0" DELAM & WEST CENTER CAP BOTTOM	CRACK/ DELAM FROM CAP E TOWARDS CAP G	
	G	OK	OK	
4	Н .	OK OK	OK	
	<u> </u>	MINOR DECK DELAM - DECK SATURATED O" TO 6" FROM CAP	DECK SATURATED O" TO 6" FROM CAP	
	 	OK	OK	
	K MINOR 5'-O" CRACKING AT WEST CENTER BOTTOM OF CAP DECK SATURATED O" TO 24" FROM CAP		SPALL CAP TOP ABOUT CENTER COLUMN 10 SQ.FT.CRACK/ DELAM WEST CENTER BOTTOM 10'-O" CRACK CAP BOTTOM AT CATWALK DECK SATURATED 0" TO 18" FROM CAP	
	L	OK	OK	
	М	OK	OK	
	N	10'-0" CRACK ON CAP BOTTOM ABOVE CATWALK 10'-0" CRACK AT WEST CENTER BOTTOM OF CAP WEST SIDE OF DECK DELAM O" TO 3'-0" FROM CAP EAST SIDE OF DECK SATURATED O" TO 24" FROM CAP	10'-0" CRACK ON CAP BOTTOM ABOVE CATWALK 10'-0" CRACK AT WEST CENTER BOTTOM OF CAP DECK DELAM O" TO 3'-0" FROM CAP DECK SATURATED O" TO 12" FROM CAP	
	A	10'-0" CRACK/ DELAM ON CAP BOTTOM ABOVE CATWALK MINOR CRACK AT WEST CENTER BOTTOM OF CAP DELAM TOP & CATWALK EAST DECK SPALL/ DELAM 6" TO 2'-0" FROM CAP WEST DECK SATURATED 0" TO 12" FROM CAP	20 SQ.FT.SPALL CAP TOP © CENTER COLUMN 10'-0" LONG CRACK © CAP BOTTOM © CATWALK DECK SATURATED UP TO 24" FROM CAP CRACK 3" FROM CAP FACE	
	В	ОК	OX	
	С	OK	OK	
	D	DECK SATURATED O" TO 6" FROM CAP	DECK SATURATED O" TO 6" FROM CAP	
	Ε	OK	ОК	
	F	DECK SATURATED O" TO 6" FROM CAP	DECK SATURATED O" TO 6" FROM CAP	
5	G	OK	OK	
	н	OK	OK	
	I	DECK SATURATED O" TO 6" FROM MINOR DELAM ALONG LONGIT. CRACK	DECK SATURATED O" TO 6" FROM CAP	
	J	OK	OK	
	K	10'-0" CRACK ON WEST CENTER CAP BOTTOM DECK SATURATED O" TO 6" FROM CAP	10'-0" CRACK ON CAP BOTTOM ABOVE CATWALK 10'-0" CRACK AT WEST CENTER BOTTOM OF CAP CRACKS/ SPALLS 10'-0" TOP OF CAP @ CATWALK DECK SATURATED 0" TO 12" FROM CAP	
	l	- ОК	OK .	
	M	OK	OK	
1	N A	12'-0" DELAM/ CRACK ON CAP BOTTOM ABOVE CATWALK 10'-0" DELAM/ CRACK AT WEST CENTER BOTTOM OF CAP CRACK/ DELAM ON DECK O" TO 6" FROM CAP DECK SATURATED 12" TO 24" FROM CAP	10'-0" CRACK AT WEST CENTER BOTTOM OF CAP DECK DELAM 3" TO 24" FROM CAP DECK SATURATED 6" TO 24" FROM CAP	

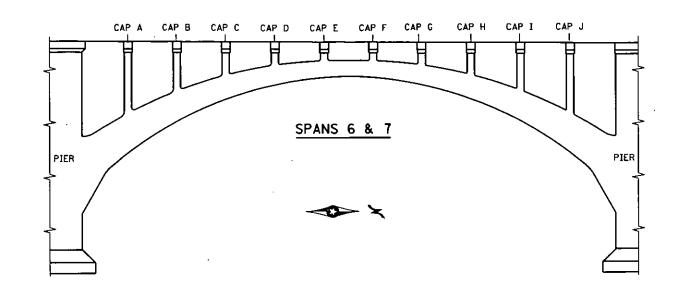
CONVENTIONAL FORMING AND PLACEMENT OF CONCRETE MAY BE SELECTED AT THE CONTRACTORS OPTION.

NAME: DUANE M. GREEN, JR.

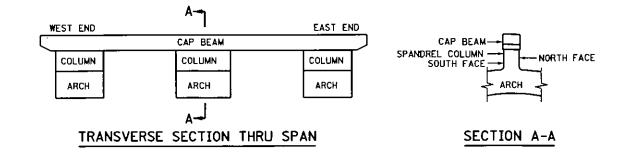
REPAIR CONCRETE SURFACE SPANS 1 - 5

DES: 3-6-03 BRIDGE NO. CHK, GDB SHEET NO. 10 OF 15 SHEETS

2440



		ESTIMATED REPAIR AREA - SPANS 6 & 7
SPAN NO.	CAP NO.	
	A	EXTENSIVE DELAM AT JOINT AND CATWALK DOWN TO 2'FROM CAP
	В -	OK
6	C	OK
	D	EXTENSIVE DELAM AT CATWALK, DECK WATER SATURATED O" TO 24" OUT
	E	OK
	F	OK
	G	EXTENSIVE DELAM AT CATWALK, DECK WATER SATURATED O" TO 24" OUT
	Н	OK
	I	OK
	J	40' SQ. FT. OF SPALL DELAM UNDERSIDE OF DECK AT CATWALK
	A	30 SQ. FT. DELAM/SPALL AT CATWALK, DECK WATER SATURATED 6" TO 24" OUT
	В	OK
	С	OK
	D	20 SQ.FT. DELAM/SPALL AT CATWALK, DECK WATER SATURATED O" TO 6" OUT
7	E	OK
,	F	OK
	G	MINOR DELAM/SPALL AT CATWALK ON NORTH SIDE, MINOR DECK WATER SATURATION
	Н	OK
	1	OK
	J	20 SQ. FT. DELAM/SPALL AT CATWALK, DECK WATER SATURATED O" TO 6" OUT

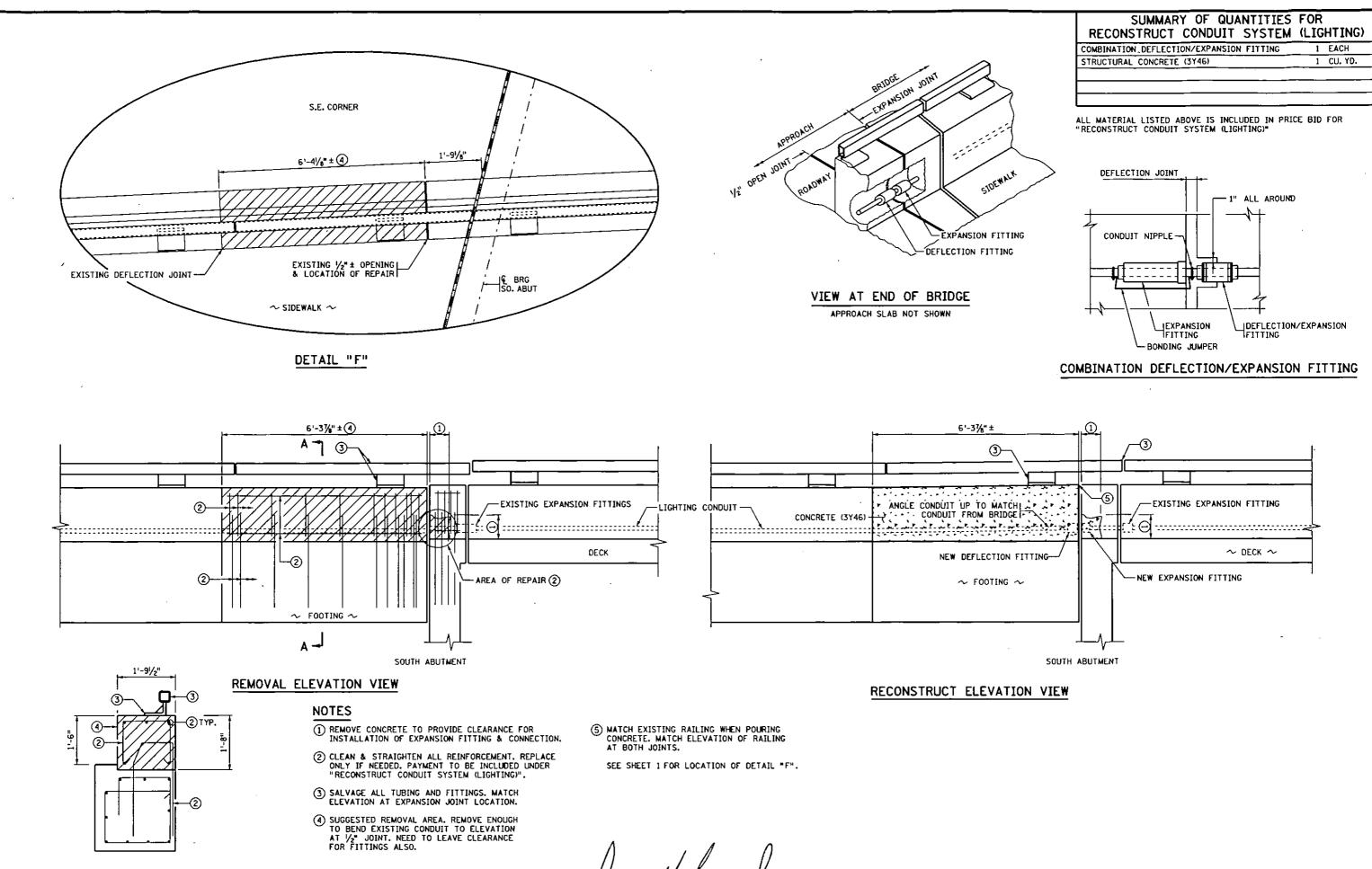


NOTES:

REPAIR BY REMOVING UNSOUND CONCRETE AND PLACING SHOTCRETE TO THE ORIGINAL CONCRETE PROFILE.

CONVENTIONAL FORMING AND PLACEMENT OF CONCRETE MAY BE SELECTED AT THE CONTRACTORS OPTION.

CERTIFIED BY Augus Vicen . 3/6/03 TINGE REPAIR CONCRETE SURFACE CHKI CHKI GDB 3-6-03 BRIDGE NO. 1361 SPANS 6 & 7 SHEET NO. 11 OF 15 SHEETS 2440



CERTIFIED BY

NAME: DUANE M. GREEN, JR.

3-6-03

BRIDGE NO.

2440

DR⊵ CAG

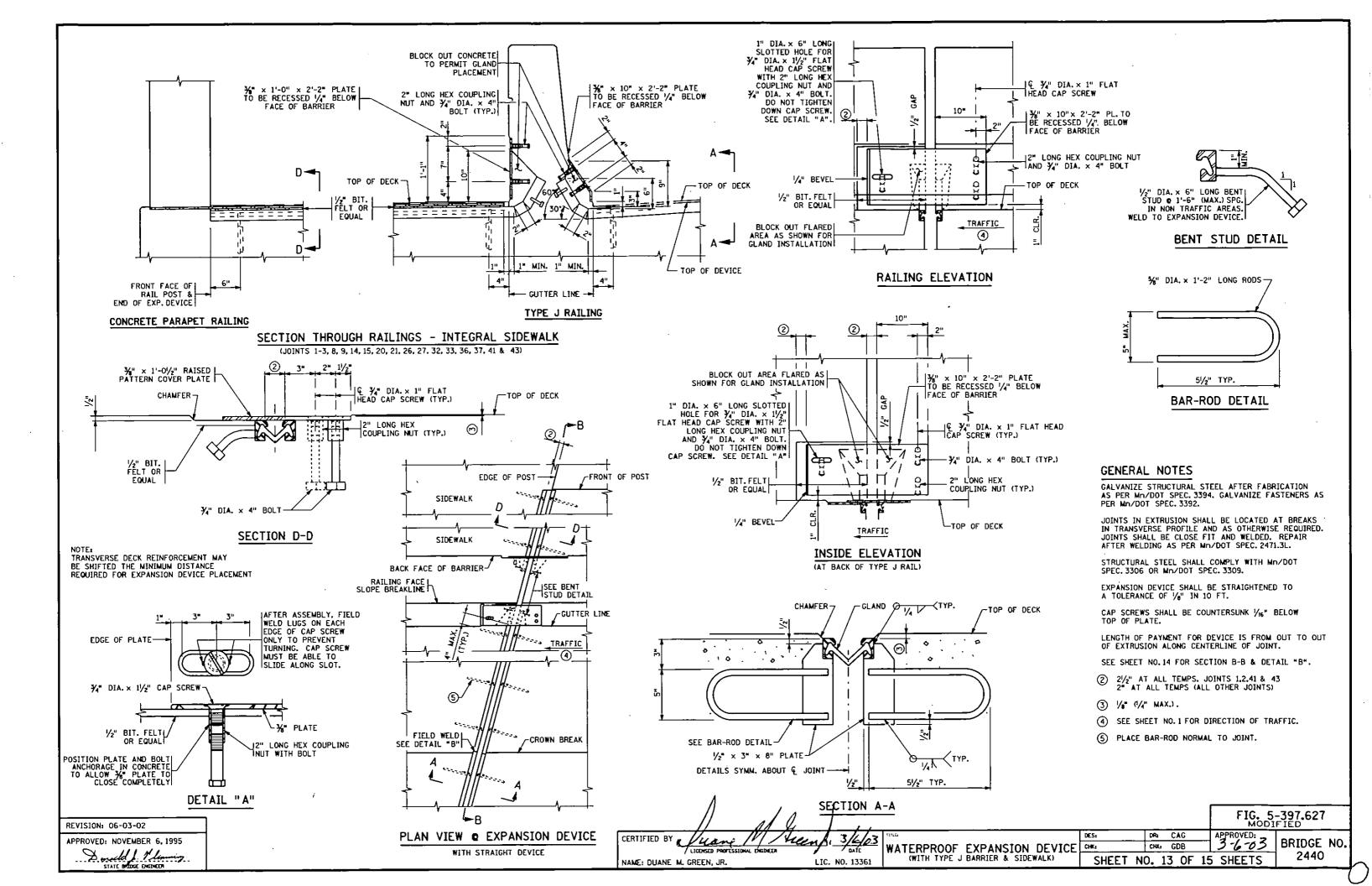
CHKI GDB

SHEET NO. 12 OF 15 SHEETS

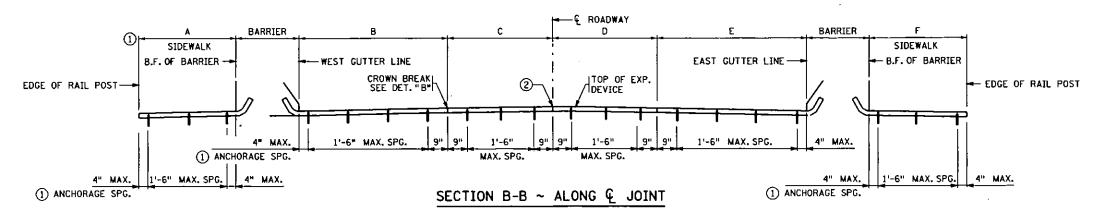
RECONSTRUCT CONC RAILING AND RECONSTRUCT CONDUIT

SYSTEM (LIGHTING)

SECTION A-A

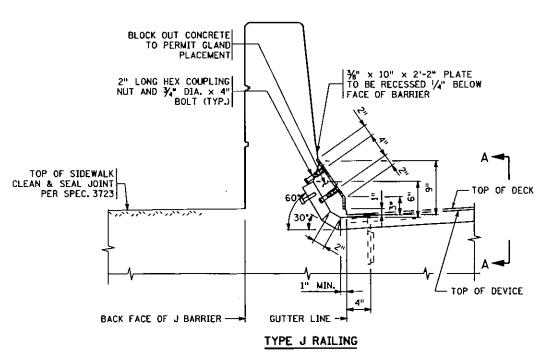


MEASUREMENTS ALONG & OF JOINT ®						
JOINT		STAGE 2			STAGE 1	
NO.	Α	В	С	D	E	F
1	8'-9-/4"	17'-11"	12'-41/2"	12'-41/2"	21'-2"	15'-87/8"
2	8'-774"	17'-7"	12'-17/"	12'-174"	17'-7l/ ₈ "	8'-7%"
3	8'-7%"	17'-71/6"	12'-2\/	12'-23/8"	17'-8 ¹ /8"	8'-83/3"
4	NA(3)	17'-8 '/ "	12'-27	12'-21/8"	17'-87%"	NA(3)
5	NA(3)	17'-91/0"	12'-3'/."	12 -3/4	17'-91/2"	NA(3)
6	NA(3)	17'-9%"	12'-3%"	12 -3 1/8"	17'-10¾"	NA(3)
7	NA(3)	17'-101/2"	12'-41/4"	12'-4%"	17'-11"	NA(3)
В	8'-10 //	17'-11 ⅓ "	12'-47	12'-5"	18'-0"	8'-101/6"
9	8'-10//0"	17'-111%"	12'-51/-	12'-51/8"	17'-11%"	8'-101/6"
10	NA(3)	17'-11'/-"	12'-51/8"	12'-5/6"	18'-0"	NA(3)
11	NA(3)	17'-11%"	12'-51/8"	12'-51/8"	18'-0"	NA(3)
12	NA(3)	17'-11%"	12'-51/8"	12 -5/8	18'-0"	NA(3)
13	NA(3)	17'-11%"	12'-5//6"	12'-5/8"	18'-0"	NA(3)
14	8'-101/8"	17'-11%"	12'-51/8"	12'-51/8"	18'-0"	B'-101/4"
15	8'-10//8"	17'-11%"	12'-51/8"	12'-5 ¹ / ₈ "	18'-0"	B'-101/4"
16	NA(3)	18'-0"	12'-51/	12'-5'/"	18'-0"	NA(3)
17	NA(3)	18'-0"	12'-51/8"	12'-51/8"	18'-0"	NA(3)
18	NA(3)	18'-0"	12'-5 /8"	12'-5 /6"	18'-0"	NA(3)
19	NA(3)	18'-0"	12'-5 /*	12'-5 /6"	18'-0"	NA(3)
20	8'-10//8"	18'-0"	12'-5/	12'-5 / ₈ "	18'-0 '/₈"	8'-10'/4"
21	8'-10/2"	18'-0"	12'-51/6"	12'-5 /6"	18'-0'/."	8'-10'/4"
22	NA(3)	18'-0"	12'-51/6"	12'-5'/8"	18'-0"	NA(3)
23	NA(3)	18'-0"	12'-5 /6"	12'-5 /6"	18'-0"	NA(3)
24	NA(3)	18'-0"	12'-5/-"	12'-51/6"	18'-0"	NA(3)
25	NA(3)	17'-11%"	12'-5 /6"	12'-51/8"	18'-0"	NA (3)
26	B'-101/8"	17'-111/6"	12'-5 /"	12'-5/6"	18'-0"	8'-10'/4"
27	B'-9-Y4"	17'-11"	12'-43/"	12'-41/4"	17'-10%'	B'-91/2"
28	NA(3)	17'-85/3"	12'-274"	12'-2/4"	17'-81/2"	NA(3)
29	NA(3)	17'-7 '	12'-2"	12'-17/3"	17'-7'/-"	NA(3)
30	NA(3)	17'-57/8"	12'-1"	12'-1"	17'-5%"	NA(3)
31	NA(3)	17'-5'/4"	12'-01/2"	12 -0/2	17'-51/4"	NA (3)
32	B'-6 ¹ /2"	17'-4%"	12'-01/8"	12 -0/8"	17'-45%"	8'-6%
33	8'-61/2"	17'-41/2"	12'-0"	12'-0"	17'-41/2"	8'-61/2"
34	NA(3)	17'-41/2"	12'-0"	12'-0"	17'-41/2"	NA(3)
35	NA(3)	17'-41/2"	12'-0"	12'-0"	17'-41/2"	NA(3)
36	8'-61/2"	17'-41/2"	12'-0"	12'-0"	17'-41/2"	B'-61/2"
37	8'-61/2"	17'-41/2"	12'-0"	12'-0"	17'-41/2"	8'-61/2"
38	NA (3)	17'-41/2"	12'-0"	12'-0"	17'-41/2"	NA(3)
39	NA (3)	17'-41/2"	12'-0"	12'-0"	17'-41/2"	NA(3)
40	8'-61/2"	17'-41/2"	12'-0"	12'-0"	17'-41/2"	B'-61/2"
41	8'-6'/2"	17'-41/2"	12'-0"	12'-0"	17'-41/2"	8'-61/2"
43	8'-6'/2"	17'-41/2"	12'-0"	12'-0"	17'-41/2"	B'-61/2"



WEST END

EAST END



SECTION THROUGH RAILINGS

(JOINTS 4-7, 10-13, 16-19, 22-25, 28-31, 34, 35, 38, 39, & 42)



SECTION C-C

DETAIL "B"

Aware M Freen 1, 3/6/03

NOTES:

- MEASURED ALONG € OF JOINT.
- 2 WELD STAGE ONE TO STAGE TWO AT CROWN BREAK.
- 3 CLEAN & SEAL JOINT PER SPEC. 3723.
- (4) LENGTHS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS BEFORE FABRICATION.

SEE SHEET NO. 1 FOR LOCATION OF JOINTS.

SEE SHEET NO. 13 FOR LOCATION OF SECTION B-B & DETAIL "B"

APPROVED: NOVEMBER 6, 1995

CERTIFIED BY ALERN VICEN 13/6/03 TITLE

WATERPROOF
EXPANSION DEVICE

DESI DRG CAG APPROVED:
3-6-03 BRIDGE NO.
2440

SHEET NO. 14 OF 15 SHEETS

CONCRETE OVERLAY	PAINT SYSTEM	OTHER ITEMS 1
LOW SLUMP	Mn/DOT CONSTRUCTION SPECIFICATION NUMBER 2476 OR 2478 OR 2479	① UTILITIES ADDED DURING CONSTRUCTION AND SPECIALTY ITEMS.
OTHER	MANUFACTURER NAME AND ADDRESS (CITY, STATE)	FINAL QUANTITIES ENTERED ON SCHEDULE OF QUANTITIES: YES \(\Box \) NO \(\Box \)
EXPANSION JOINTS	PRIME COATMn/DOT MATERIAL SPECIFICATION NUMBER	
JOINT MANUFACTURER WATSON - BOWMAN NAME AND ADDRESS (CITY, STATE)	INTERMEDIATE COAT	
MANUFACTURER'S IDENTIFICATION WABO TYPE A MFR'S No. AND/OR LETTER DESIGNATION FOR JOINT USED	FINISH COAT	
GLAND MANUFACTURER WATSON BOWMAN NAME AND ADDRESS (CITY, STATE) SIZE OF GLAND 4" SE400	PLAN QUALITY RATE 1 (AGREE), 2 (NEUTRAL), OR 3 (DISAGREE, PLEASE COMMENT BELOW)	
MANUFACTURER'S IDENTIFICATION	DIMENSIONING AND DETAILING ADEQUATELY DESCRIBED REQUIRED CONSTRUCTION. BAR LISTS AND QUANTITIES WERE TYPICALLY COMPLETE AND FREE OF ERRORS.	CUMMARY OF CICNIFICANT
BEARING PADS	SCALE OF DRAWINGS AND OVERALL LEGIBILITY OF LINES AND TEXT WAS GOOD. (SB) SPECIAL PROVISIONS ADEQUATELY DESCRIBED SPECIAL WORK AND PAYMENT.	SUMMARY OF SIGNIFICANT <u>AS-BUI</u> LT CHANGES
NEOPRENE PAD MANUFACTURER	COMMENTS:	
SPECIAL SURFACE TREATMENT		
TYPE: TK TRI-SHEN COLOR: PEARL GREY		
FINISHING ROADWAY FACES OF BARRIER RAILING	NUMBER OF BRIDGE SUPPLEMENTAL AGREEMENTS: COST: \$ 387,825,40	
TYPE: COLOR:	LIST SIGNIFICANT ERRORS OR OMISSIONS IN PLAN DETAILS OR PAY QUANTITIES IN THE SPACE PROVIDED AT RIGHT.	
ANTI-GRAFFITI COATING		
MANUFACTURER		
PRODUCT NAME: LOCATION:		
·		THE AS-BUILT INFORMATION WAS ADDED TO THE PLAN BY:
		Tom WAKS 4-12-2004 INSPECTOR(S) DATE
		CHECKED BY:
1		AND STRUCTURES - ATTN: REGIONAL CONSTRUCTION ENGINEER (MS610).

REVISION: 05-22-01 STATE BRIDGE ENGINEER

AS-BUILT DETAILS (AS NEEDED)

FIG. 5-397.900 3-6-03 DRs

DES: AS-BUÏLT BRIDGE DATA CHKs SHEET NO. 15 OF 15 SHEETS

BRIDGE NO. 2440