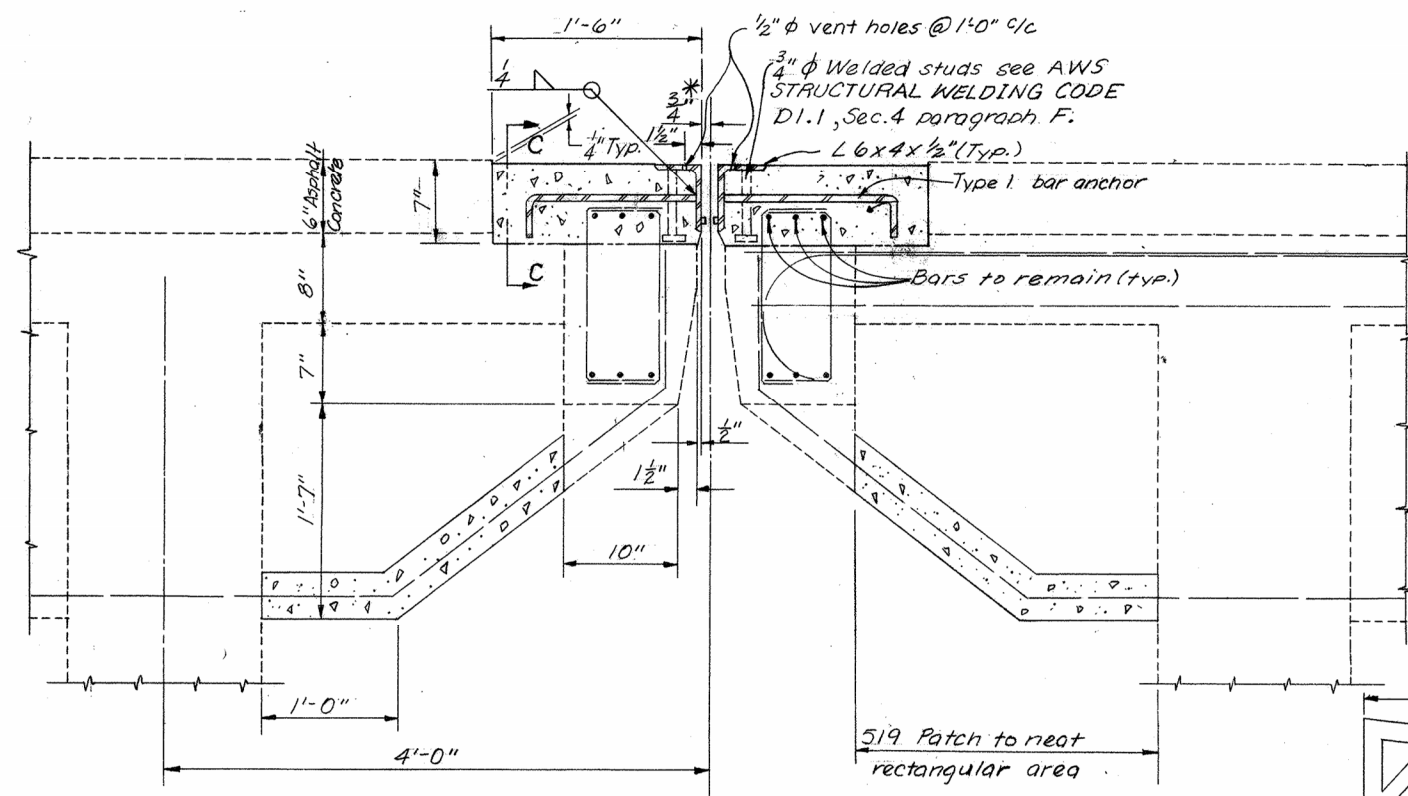
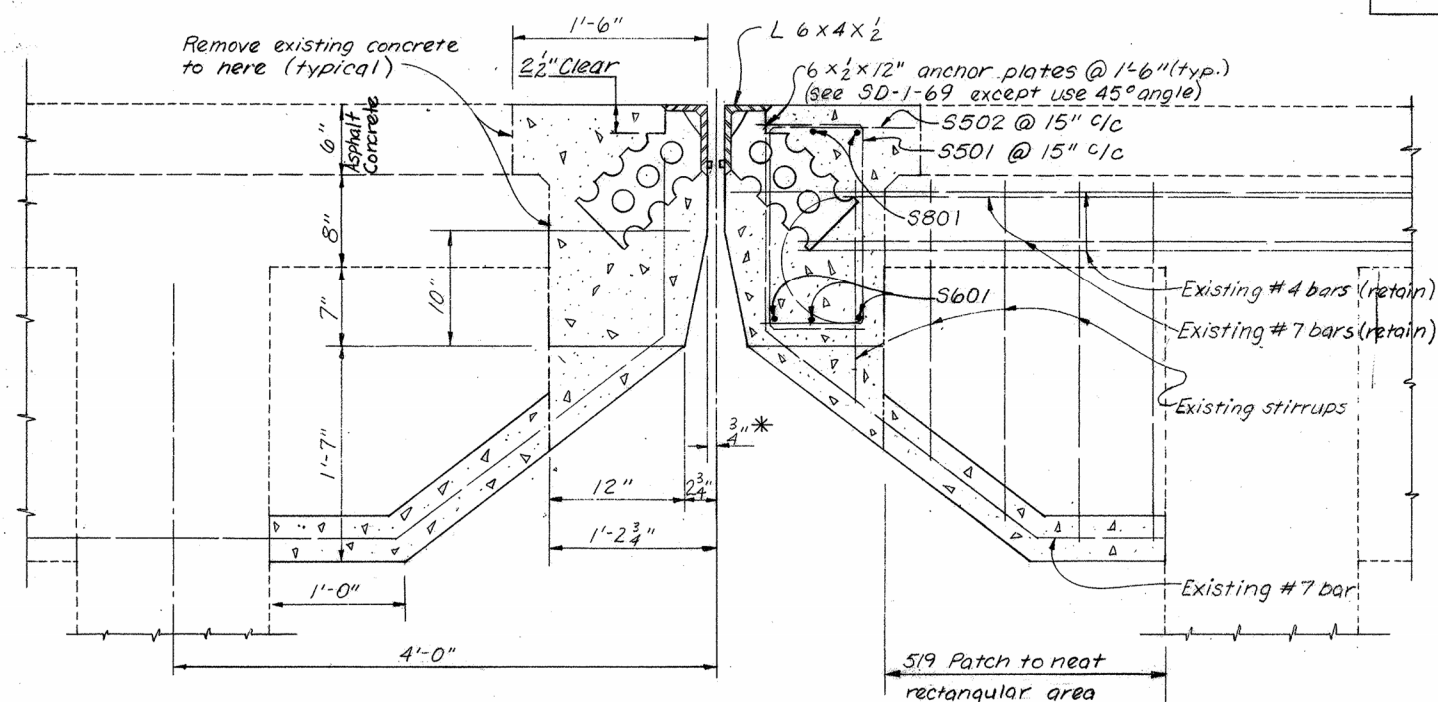


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OCT 18 1985

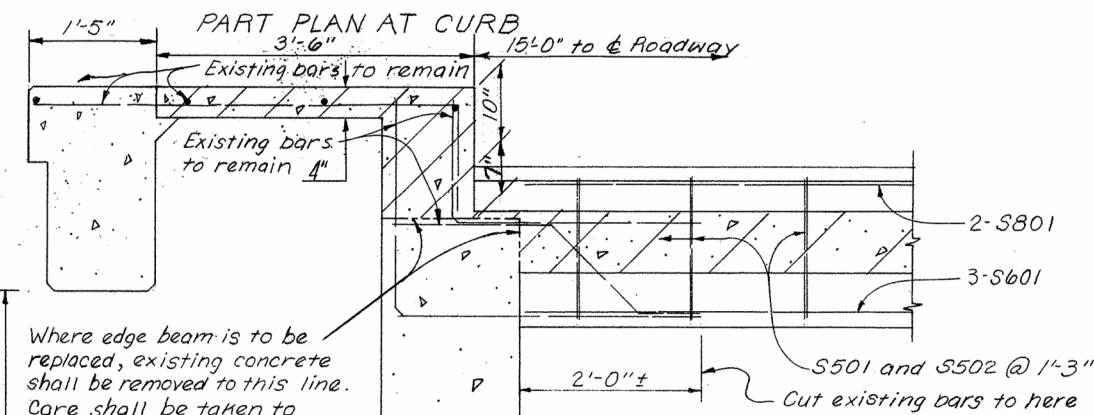
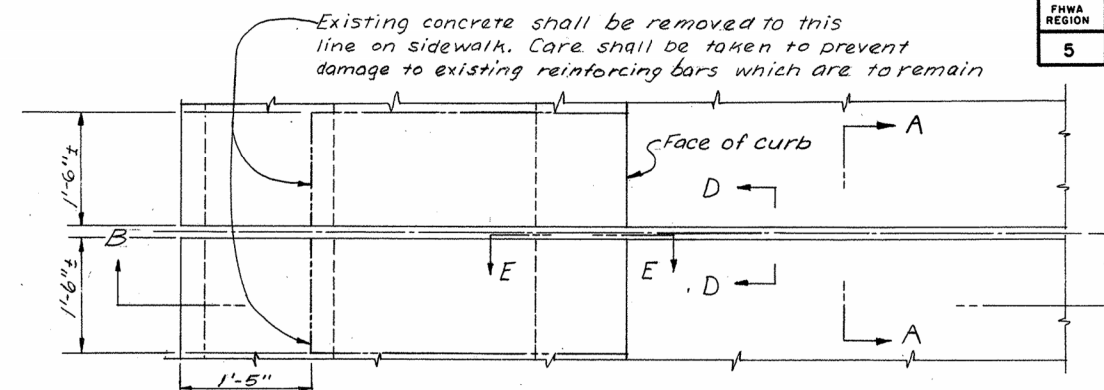


SECTION A-A
Section at Joint 1 both sides and Joint 5 both sides, except east half of eastbound lanes

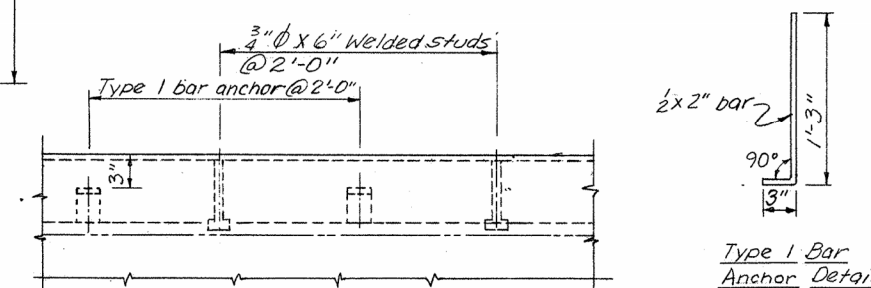


SECTION A-A
Section at Joints 2, 3, 4 & 6 and Joint 5 east half of eastbound lanes
(For additional details see SD-1-69.)

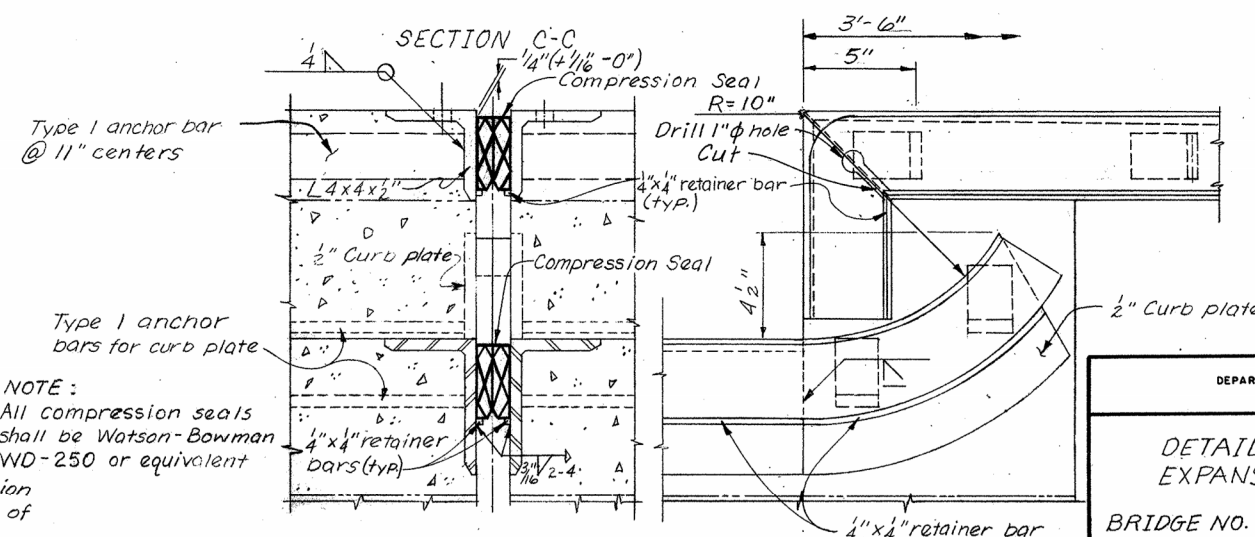
*The 3/4" joint half-width dimension is for a setting temperature of 50°F. For each 20°F increase (decrease) in setting temperature the dimension shall be reduced (increased) by 1/8".



SECTION B-B



Type 1 Bar
Anchor Detail



SECTION D-D

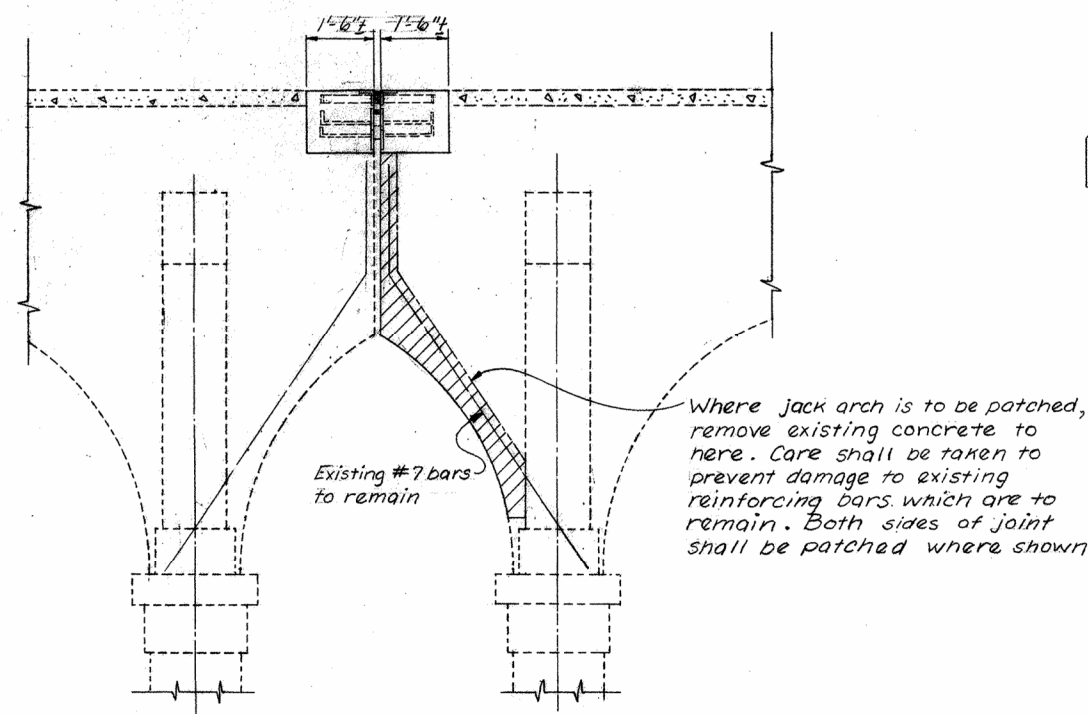
SECTION E-E

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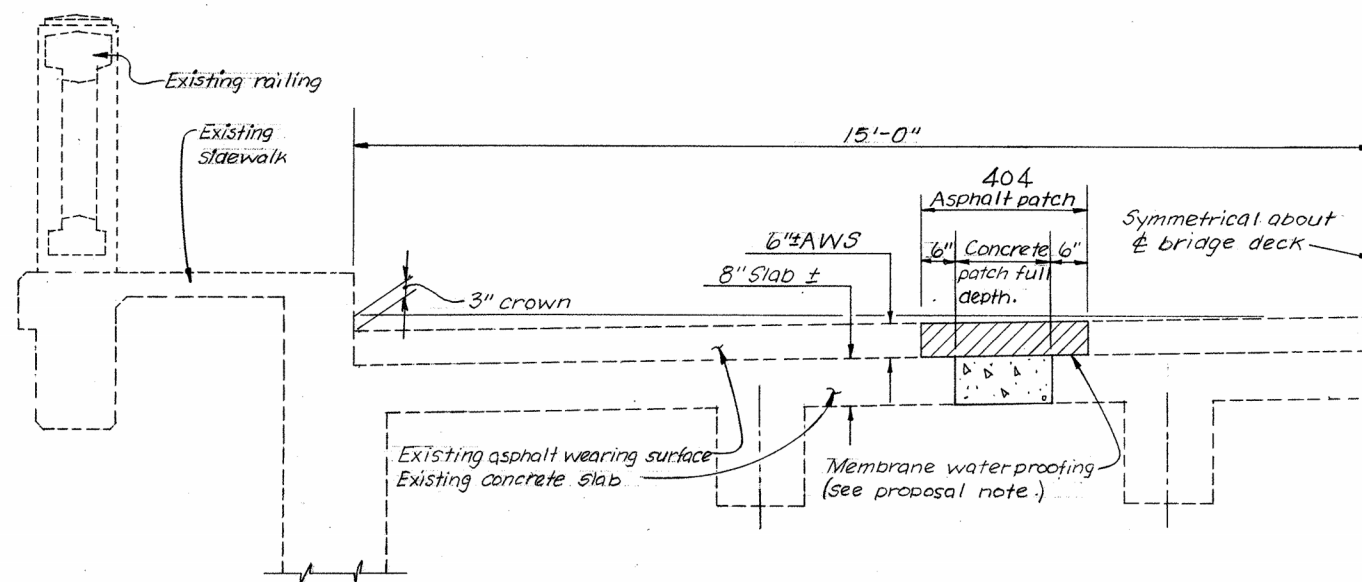
FHWA REGION	STATE	PROJECT
5	OHIO	

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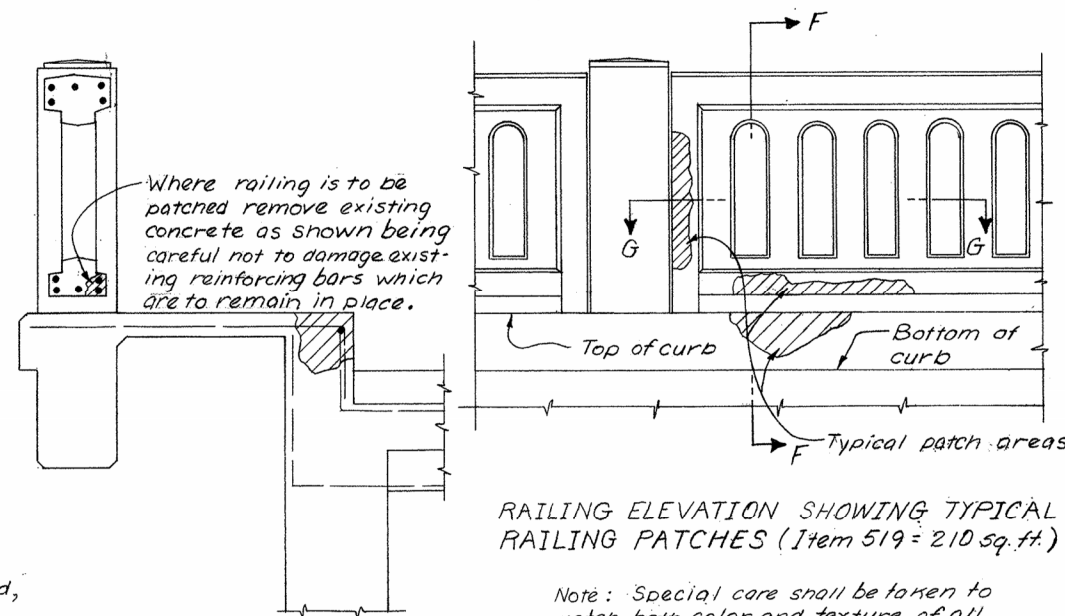
SUM-82- 0.00



TYPICAL JACK ARCH PATCHING

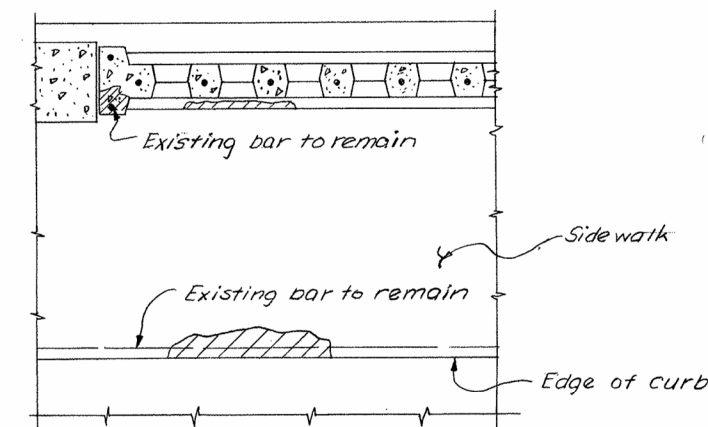


TYPICAL HALF TRANSVERSE SECTION
(Showing typical full depth patch.)



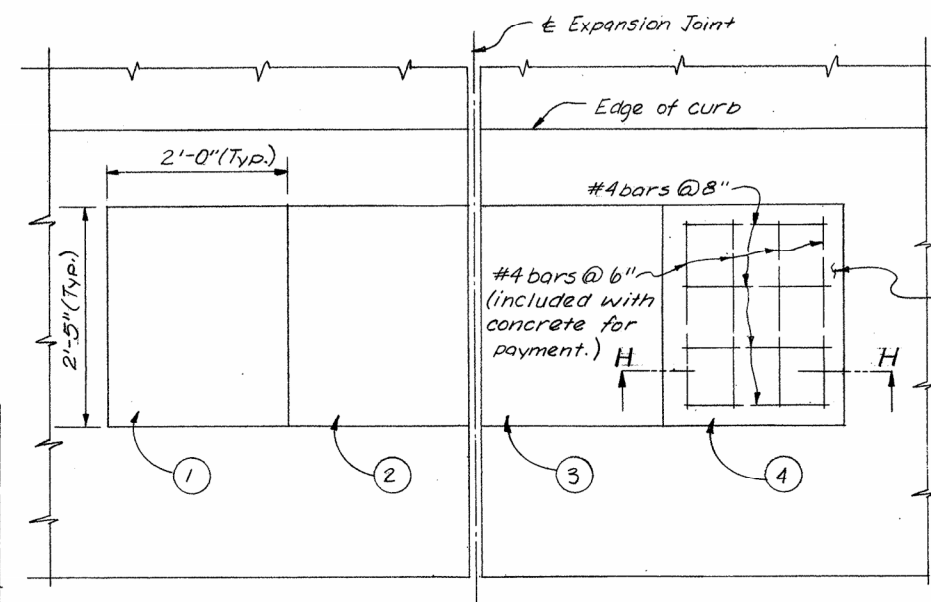
RAILING ELEVATION SHOWING TYPICAL
RAILING PATCHES (Item 519 = 210 sq. ft.)

Note: Special care shall be taken to match both color and texture of all railing and curb patches to existing concrete.



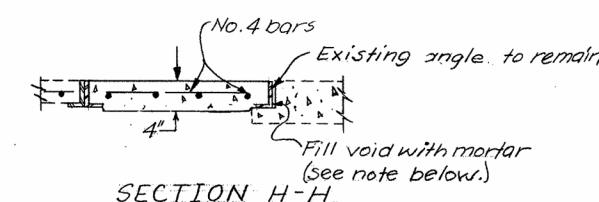
SECTION G-G

Railing patching shall be done as directed by the Engineer



TYPICAL ACCESS COVER REPAIR DETAIL - PLAN VIEW
(Circled numbers are access cover numbers called out on sheets 6/19, 10/19, 12/19 & 16/19.)

Typical access cover repair. Concrete thickness shall be 4", which is full depth of existing angle plus additional thickness to allow 2" cover, top and 1" cover, bottom, for reinforcing steel.



SECTION H-H

Placement of concrete for access cover repair shall be done in place. The space between existing steel angles and sidewalk shall be filled with mortar in order to seal around covers. Cover lifting rings are not required.

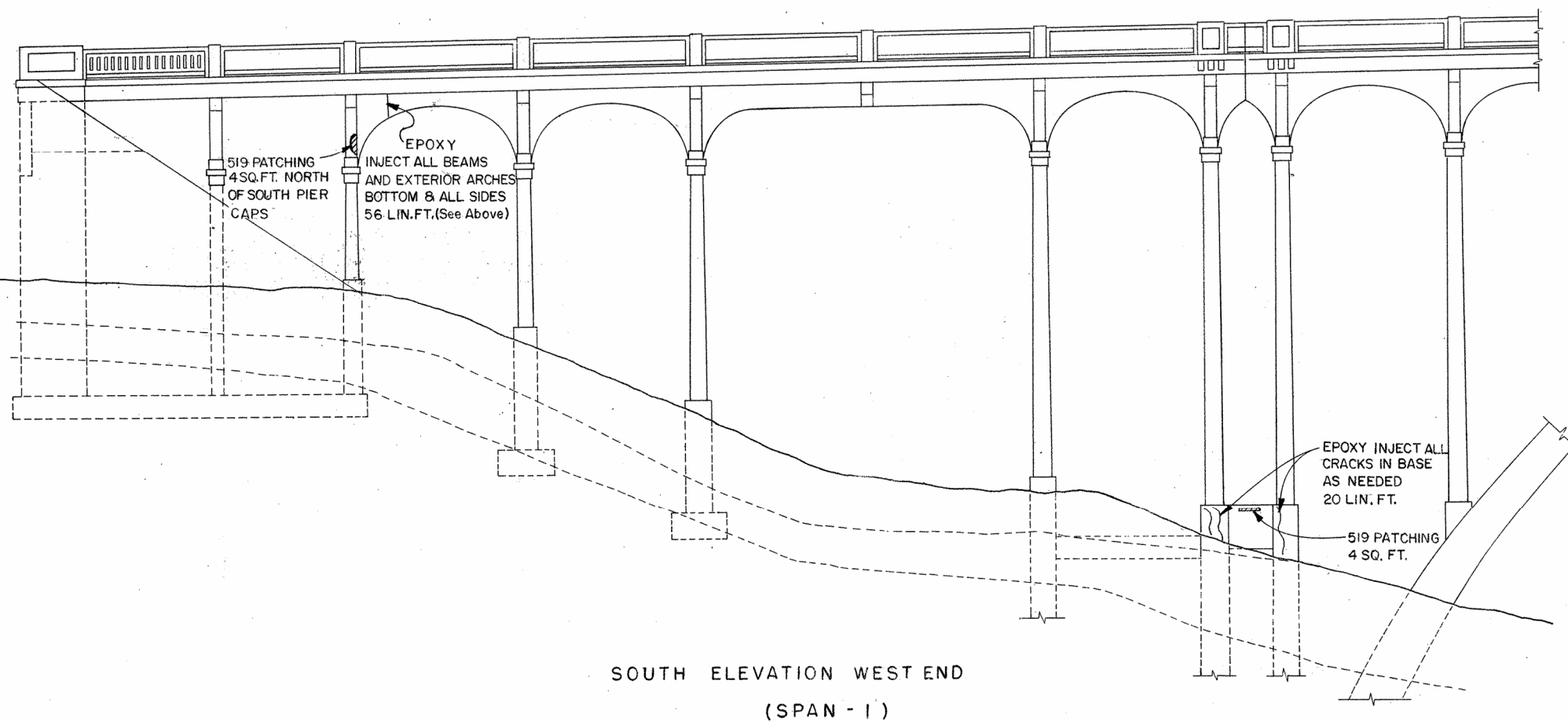
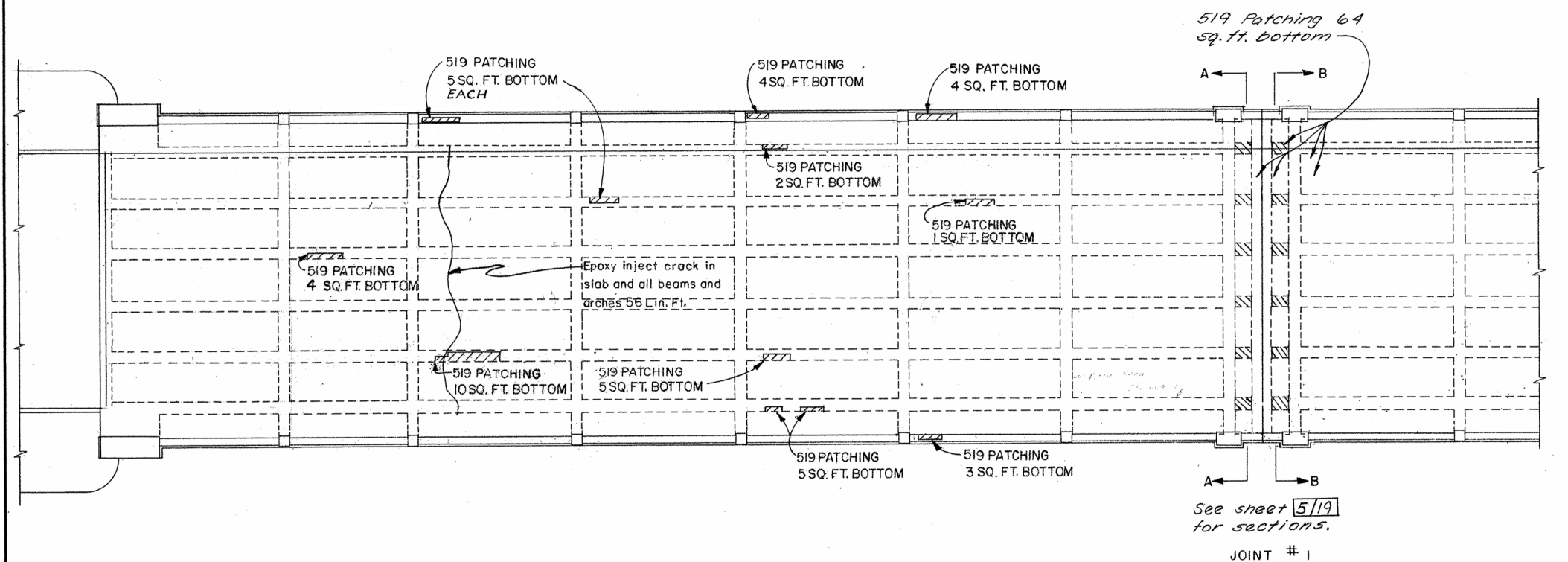
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES		3/19
MISCELLANEOUS PATCHING AND REPAIR DETAILS		
BRIDGE NO. SUM-82-0000 OVER CUYAHOGA RIVER		
DESIGNED K.D.K.	DRAWN K.D.K.	CHECKED JAM
TRACED	CHECKED JAM	REVIEWED WJJ
DATE 10-28-77	REVIS	

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FHWA REGION	STATE	PROJECT
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REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	120
EPOXY INJECTION (LIN. FT.)	76

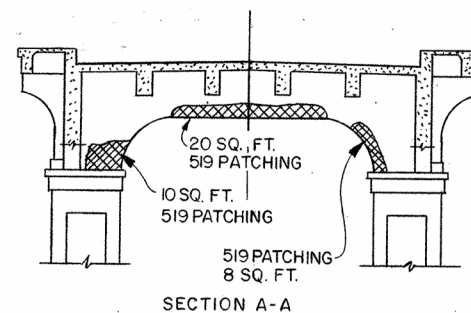
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES							4/19
SPAN 1 REPAIRS							
BRIDGE No. SUM 82-0000 OVER CUYAHOGA RIVER							
DESIGNED K.D.K.	DRAWN T.G.C.	TRACED	CHECKED J.A.M.	REVIEWED W.J.J.	DATE 10-28-77	REVISED	

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OCT 18 1985

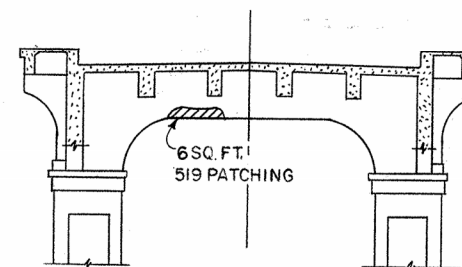
FHWA REGION	STATE	PROJECT
5	OHIO	

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21

SUM-82-0000

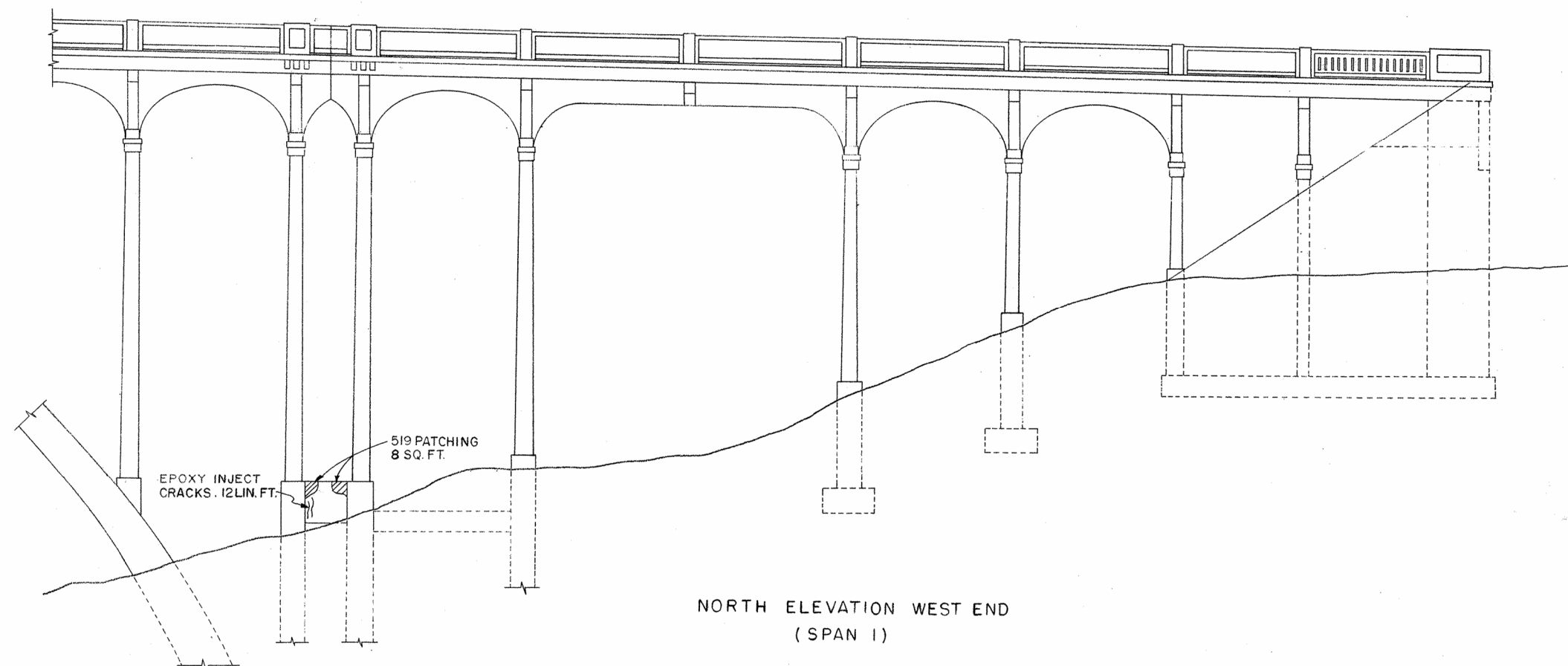


SECTION A-A



SECTION B-B

JOINT #1



NORTH ELEVATION WEST END
(SPAN 1)

REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	52
EPOXY INJECTION (LIN. FT.)	12

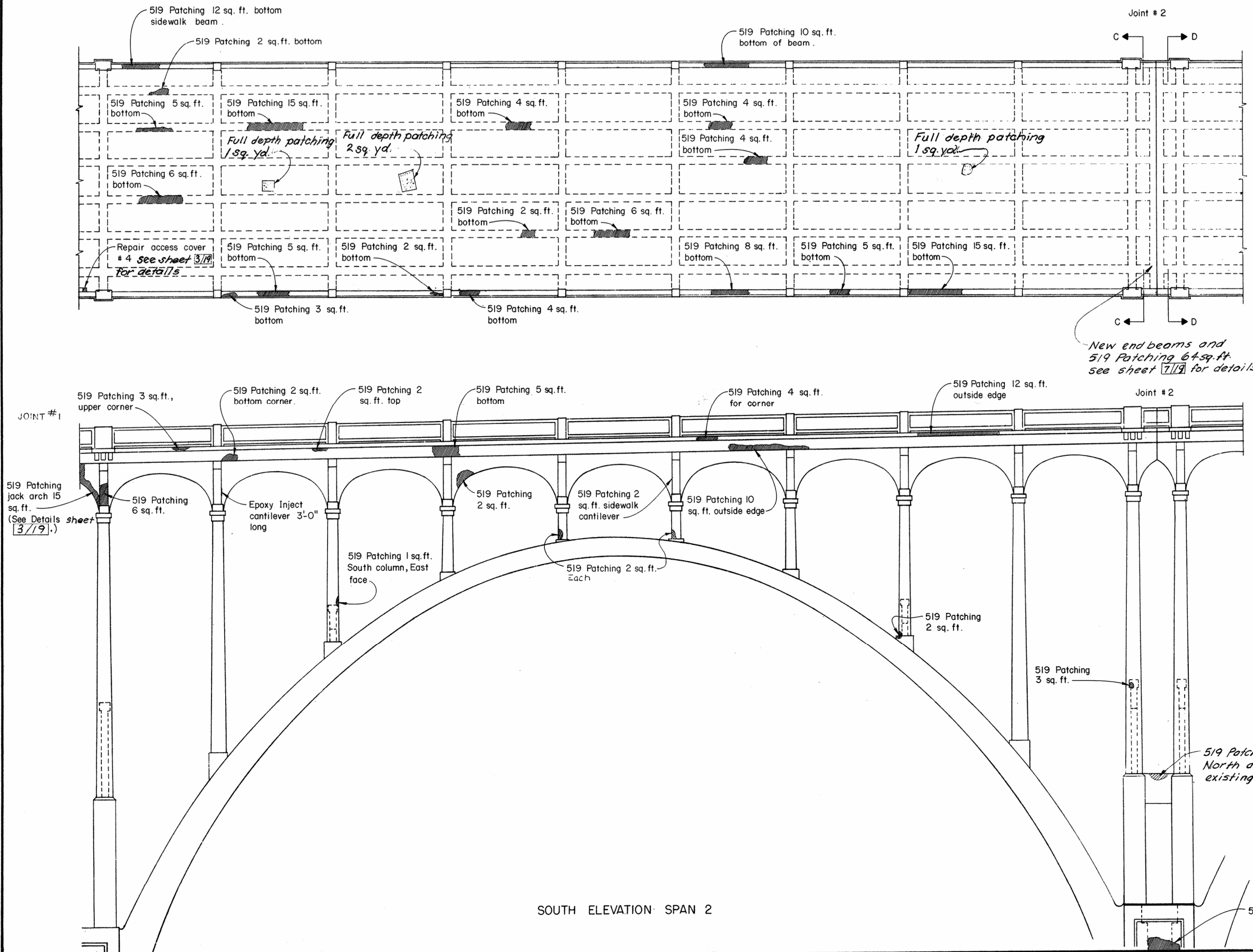
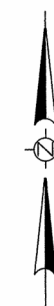
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES					
5/19					
SPAN 1 REPAIRS					
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE
K.D.K.	TGC		JAM	WJJ	10-28-77

MICROFILMED
OCT 18 1985

FHWA REGION	STATE	PROJECT
5	OHIO	

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SUM-82-0.00



REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	258
FULL DEPTH PATCH (SQ. YD.)	4 *
EPOXY INJECTION (LIN. FT.)	3

* SEE PROPOSAL NOTE. 123.

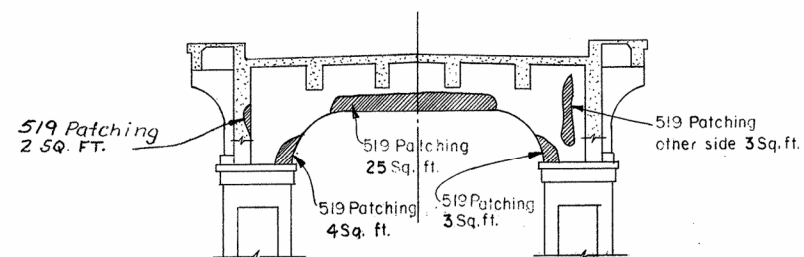
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES						6/19
SPAN 2 REPAIRS						
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER						
DESIGNED KDK	DRAWN TGC	TRACED	CHECKED JRM	REVIEWED WJJ	DATE 10-28-77	REVISD

MICROFILMED
OCT 18 1985

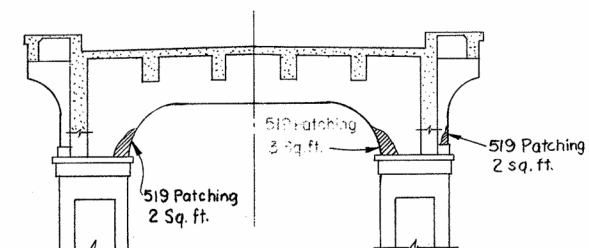
FHWA REGION	STATE	PROJECT
5	OHIO	

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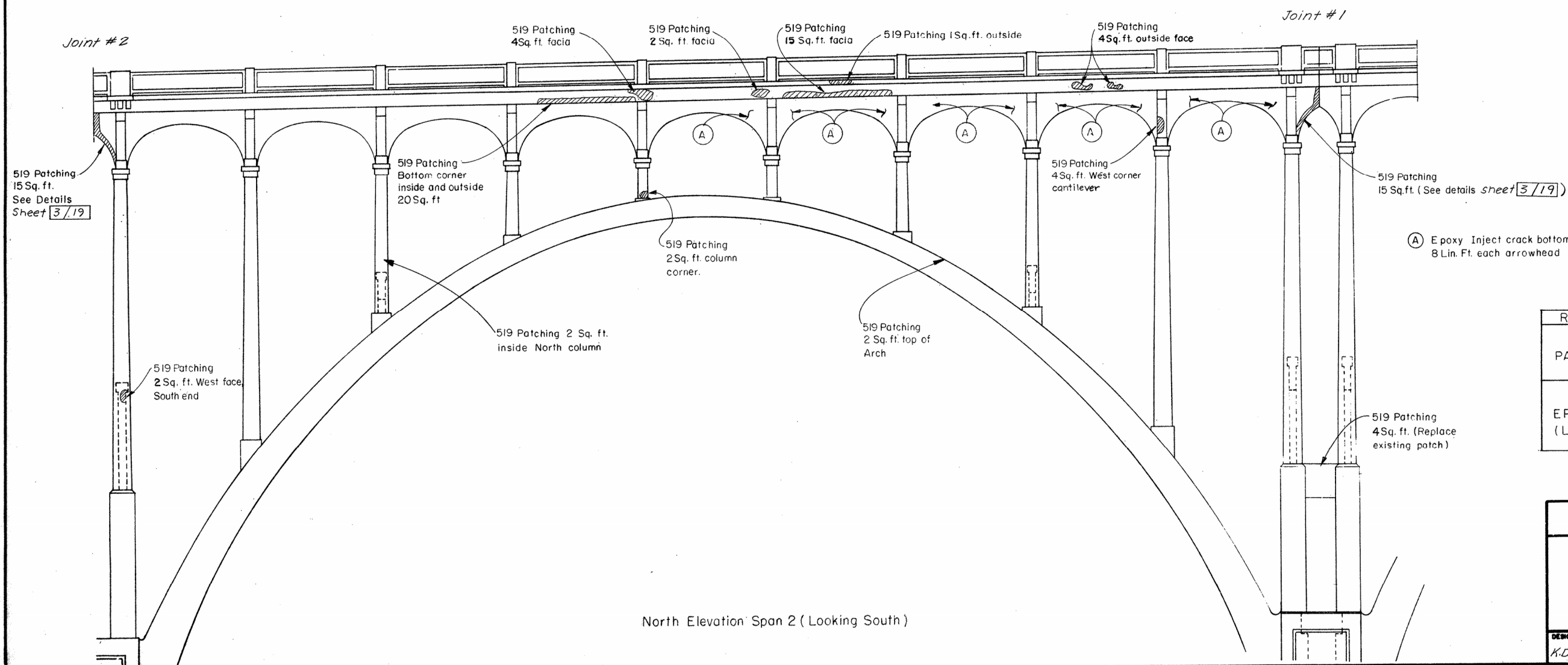
SUM-82- 0.00



SECTION C-C
JOINT # 2



SECTION D-D
JOINT # 2



North Elevation Span 2 (Looking South)

REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	136
EPOXY INJECTION (LIN. FT.)	72

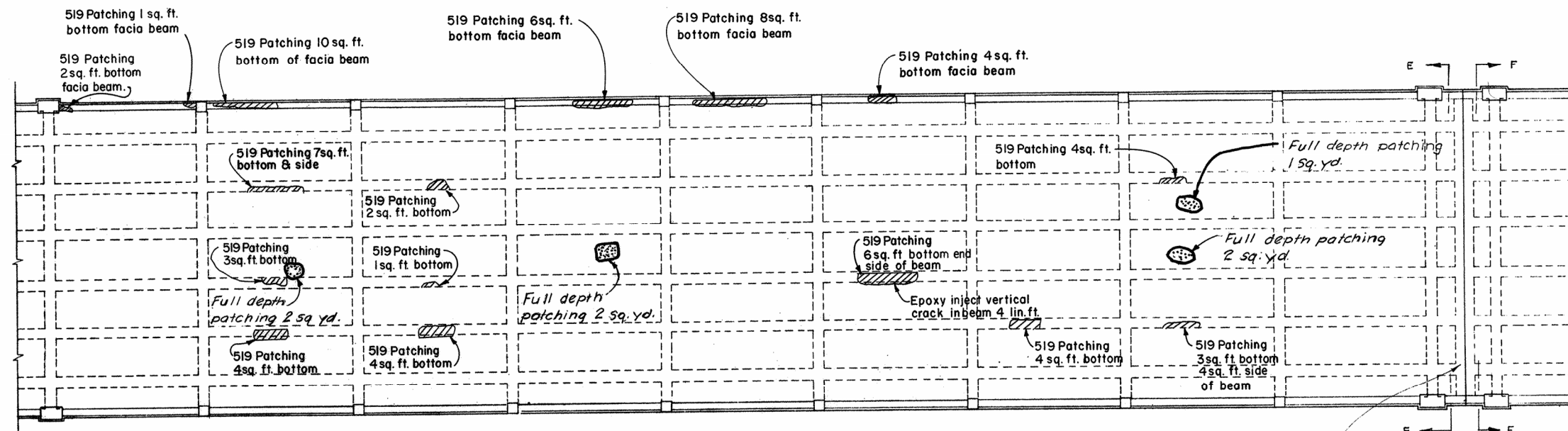
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES						
SPAN 2 REPAIRS						
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER						
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
KDK	TGC		JAM	WJW	10-28-77	

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OCT 18 1985

FHWA REGION	STATE	PROJECT
5	OHIO	

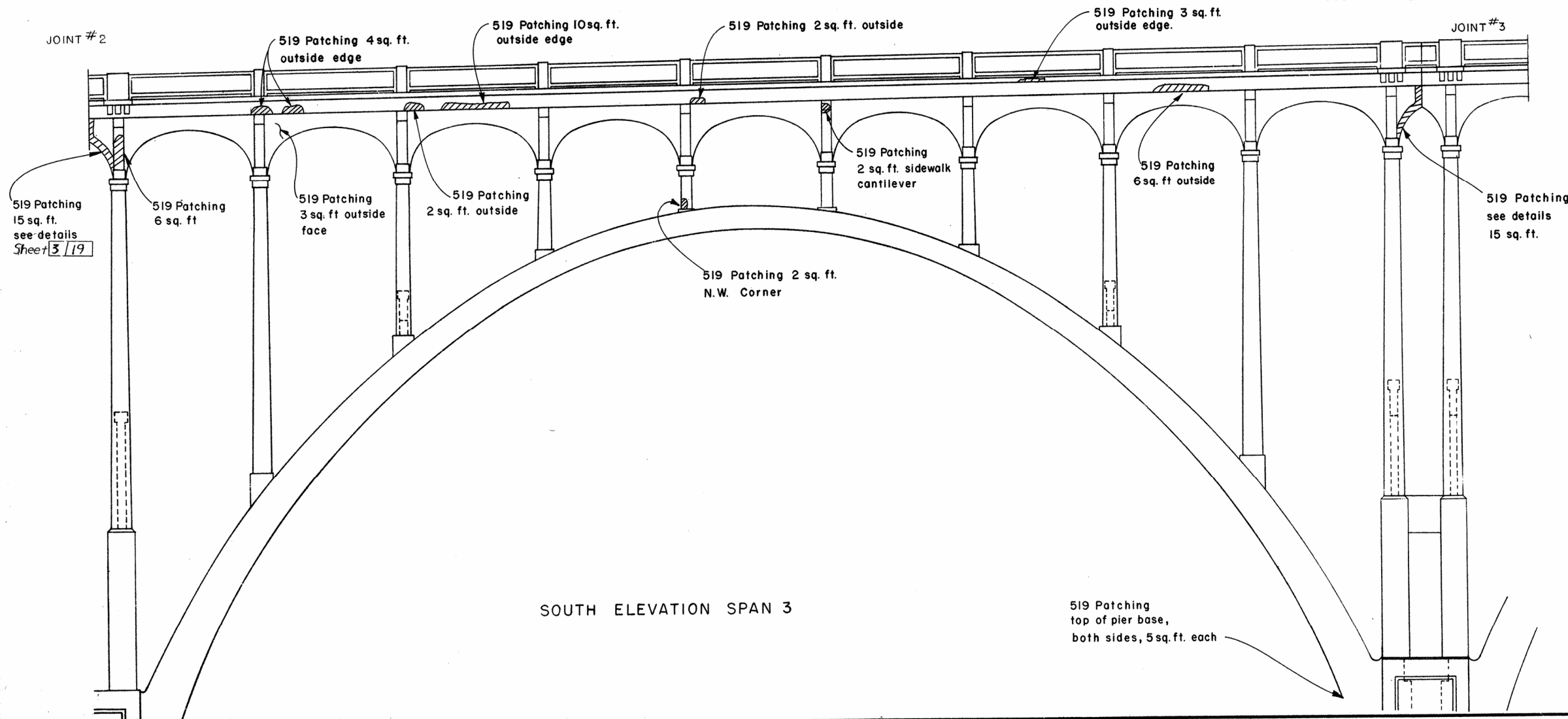
10
21

SUM-82-0.00



See sheet 9/19 for sections.

New end beams and
519 Patching 64 sq. ft.
See sheet 2/19 for details.



REPAIRS THIS SHEET	
Patching (SQ. FT.)	212
FULL DEPTH PATCHING (SQ. YD.)	7
EPOXY INJECTION (LIN. FT.)	4

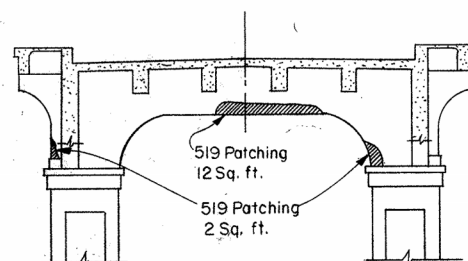
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES						
SPAN 3 REPAIRS						
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER						
DESIGNED K.D.K.	DRAWN T.G.C.	TRACED	CHECKED JAM	REVIEWED WJJ 10-28-77	DATE	REVISED

MICROFILMED
OCT 18 1985

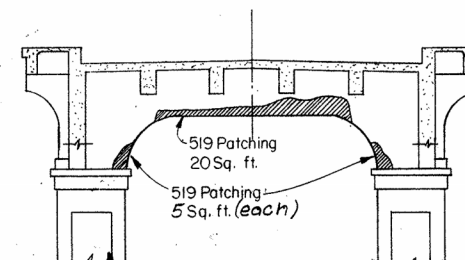
FHWA REGION	STATE	PROJECT
5	OHIO	

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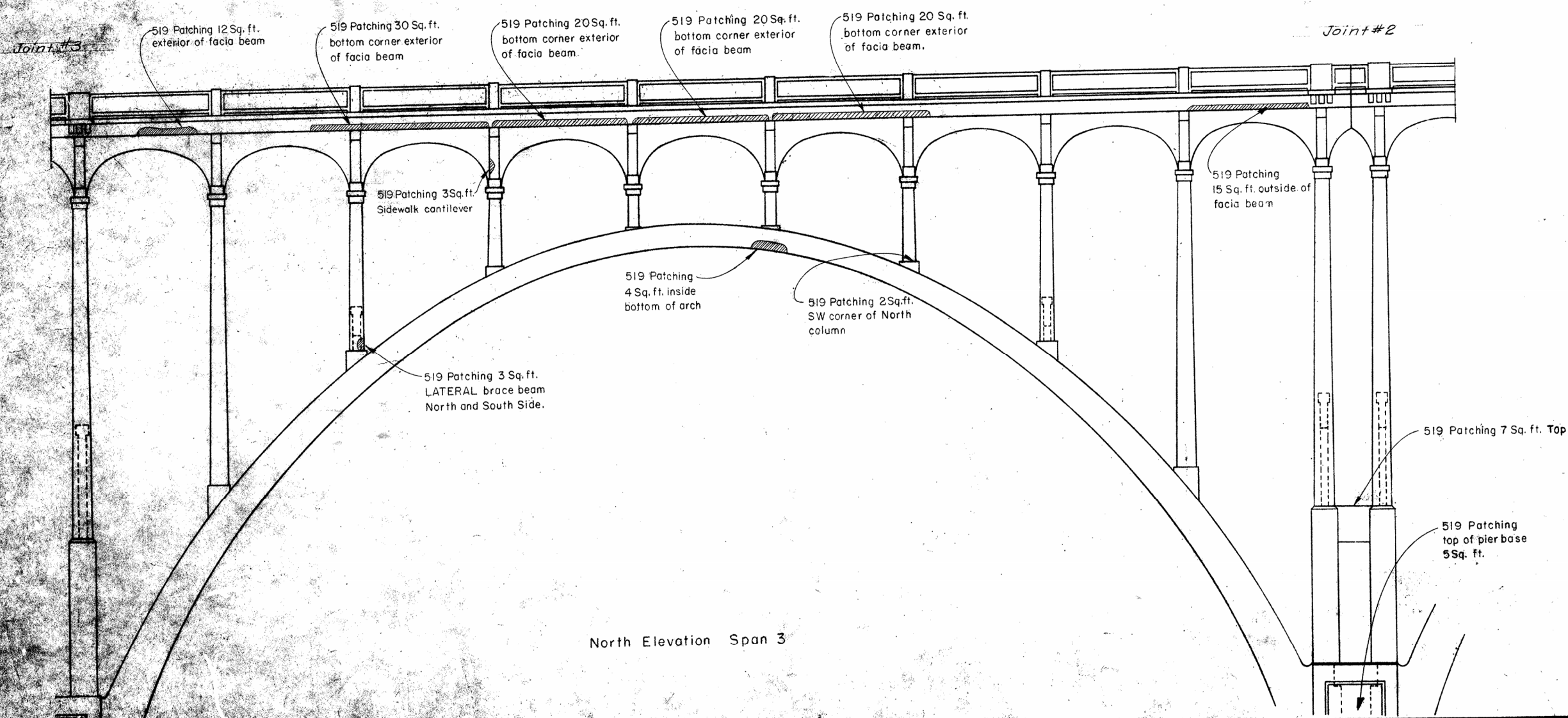
SUM-82- 0.00



SECTION F-F



SECTION E-E



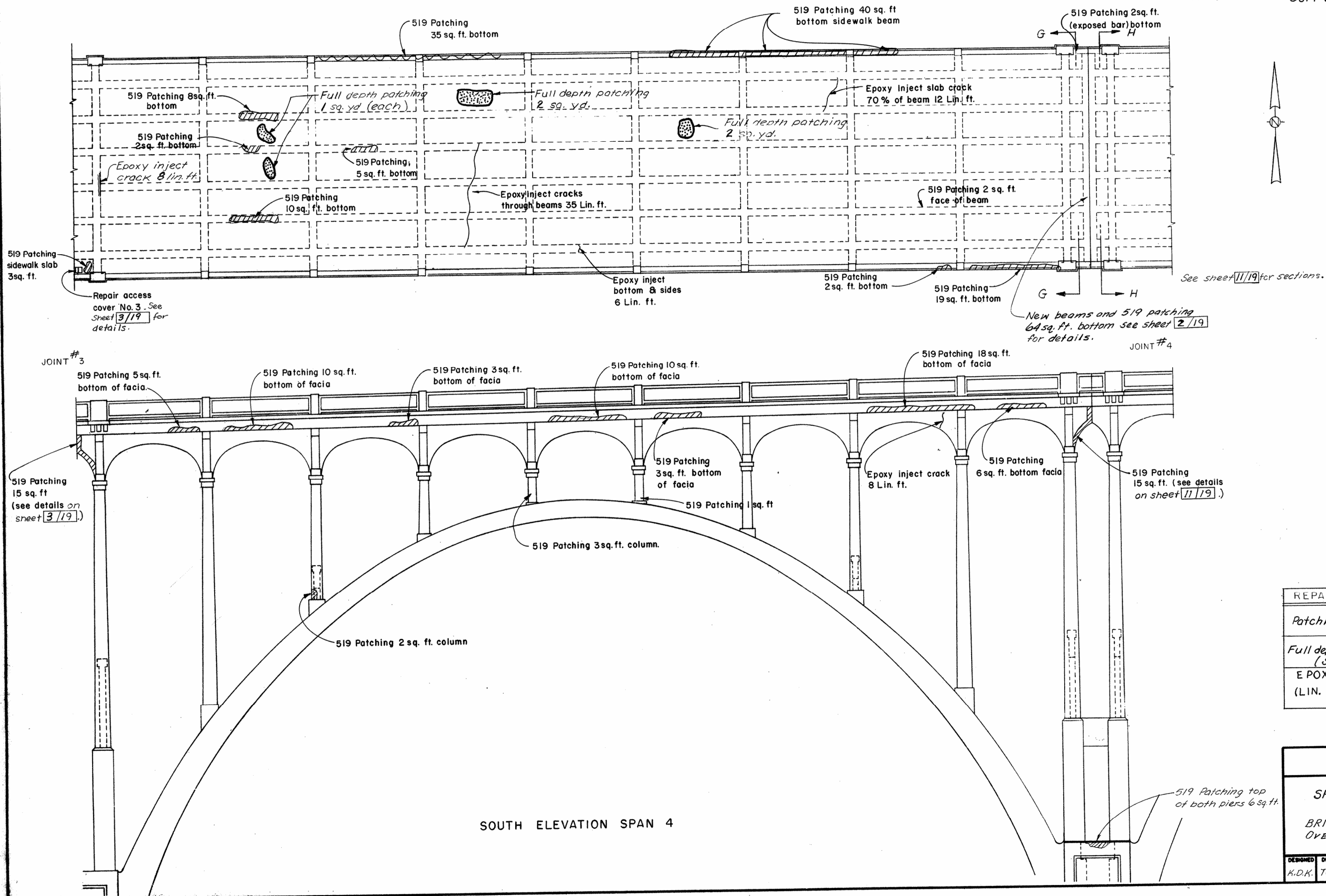
North Elevation Span 3

REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	187
EPOXY INJECTION (LIN. FT.)	0

STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES						9/19
SPAN 3 REPAIRS						
BRIDGE No. SUM-82-0000 Over CUYAHOGA RIVER						
DESIGNED K.D.K.	DRAWN T.G.C.	TRACED	CHECKED J.A.M.	REVIEWED DATE 10-28-77	DATE	REVISION

MICROFILMED
OCT 18 1985

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REPAIRS THIS SHEET	
Patching (Sq. ft.)	289
Full depth patching (Sq. Yd.)	6
EPOXY INJECTION (LIN. FT.)	69

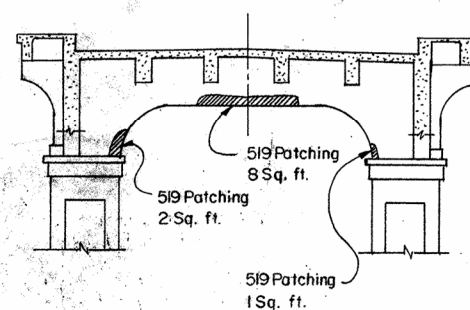
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES							10/19
SPAN 3 REPAIRS							
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER							
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED	
K.D.K.	TGC		JAM	WJJ	10-28-77		

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OCT 18 1965

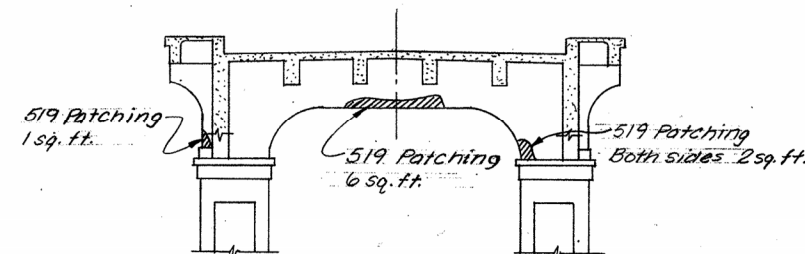
FHWA REGION	STATE	PROJECT
5	OHIO	

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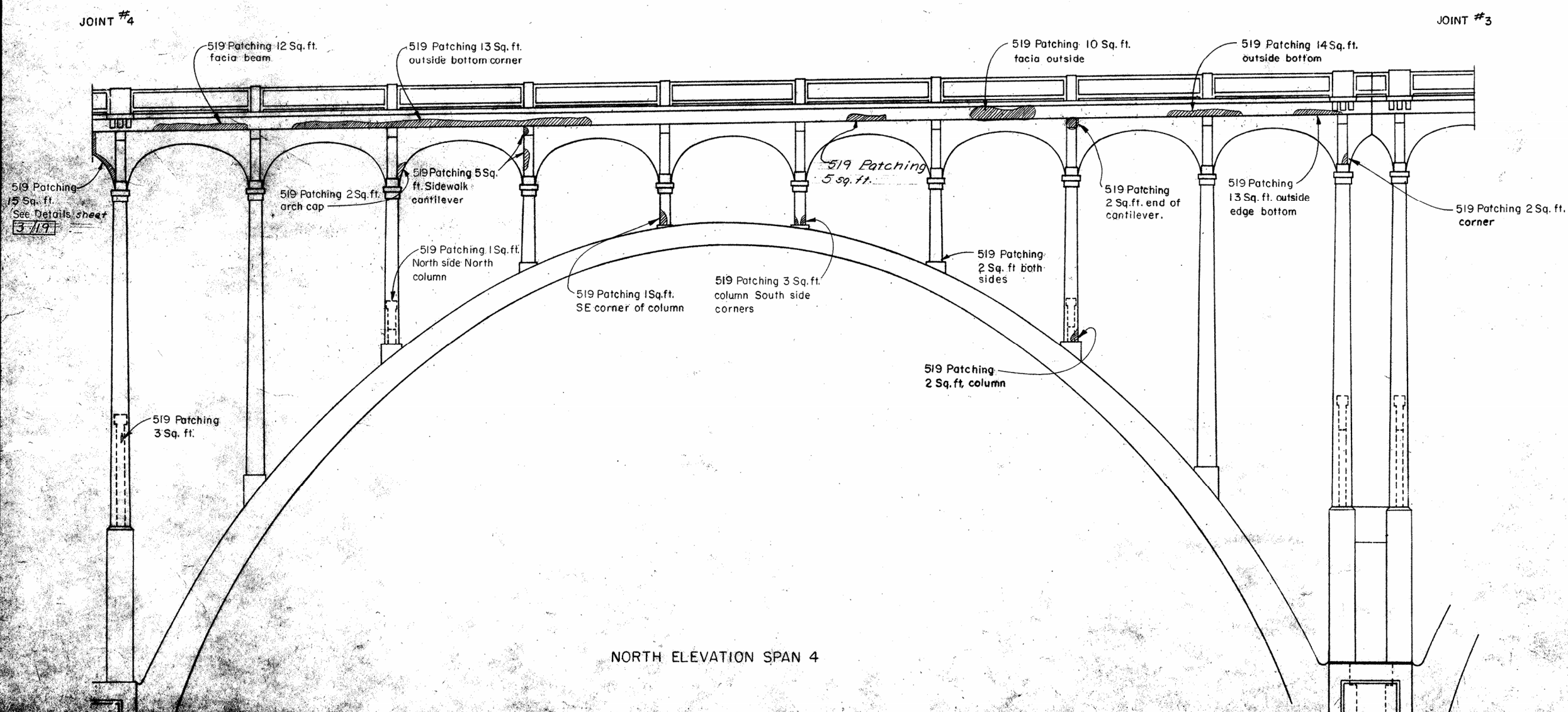
SUM-82- 0.00



SECTION G-G



SECTION H-H



NORTH ELEVATION SPAN 4

REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	125
EPOXY INJECTION (LIN. FT.)	0

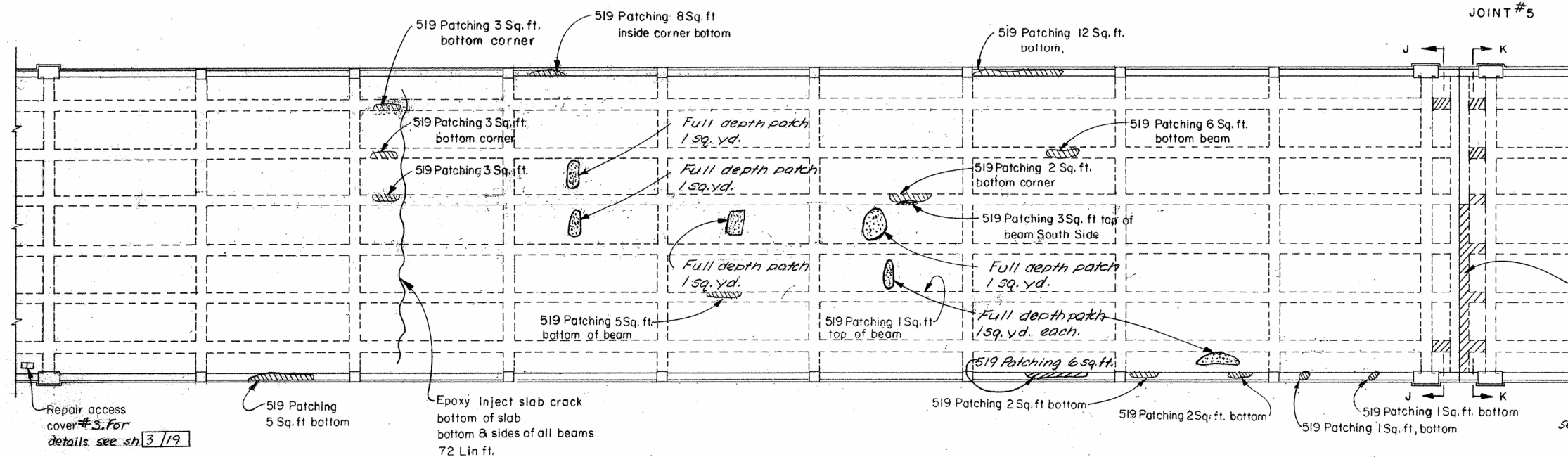
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES		11/19
SPAN 4 REPAIRS		
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER		
DESIGNED	DRAWN	TRACED
KDK	TGC	JAM
CHECKED	REVIEWED	DATE
		11-28-77

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OCT 18 1985

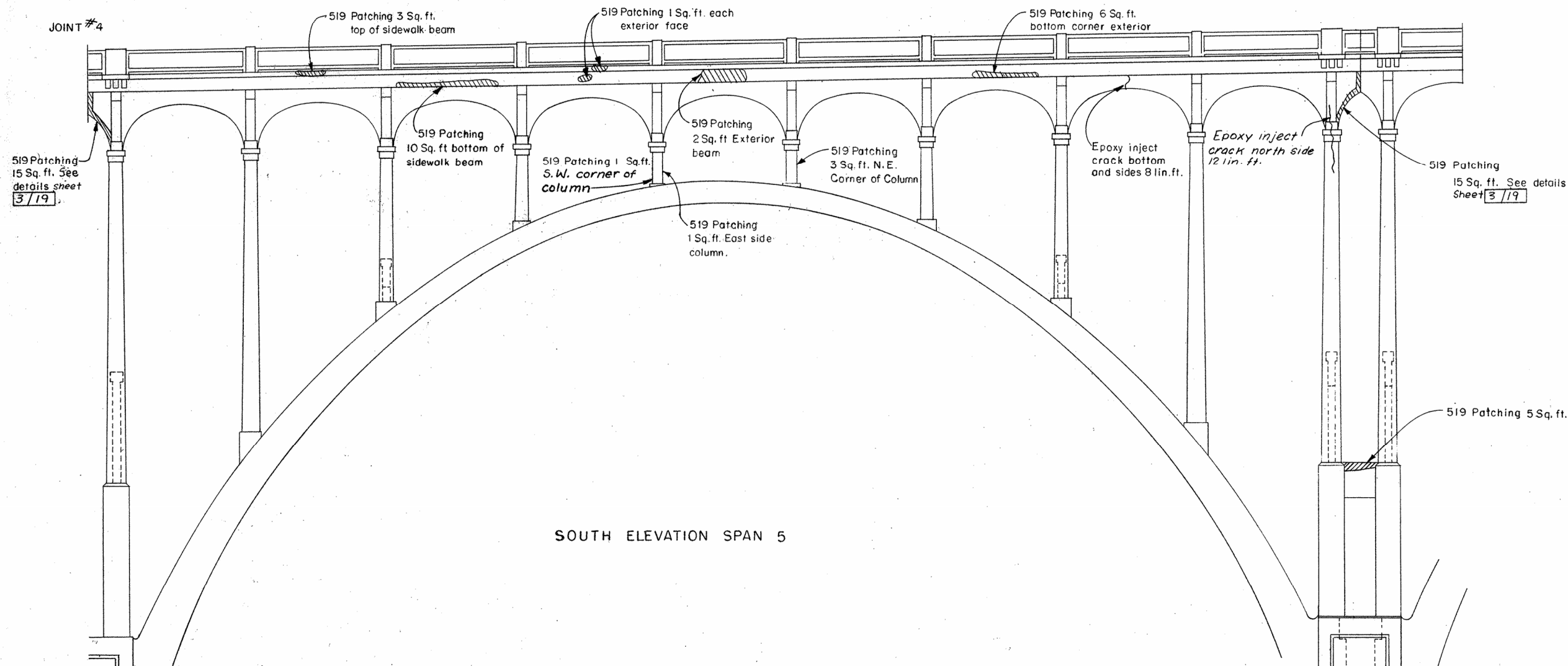
FHWA REGION	STATE	PROJECT
5	OHIO	

SUM-82- 0.00

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21



see sheet 13/19 for sections.



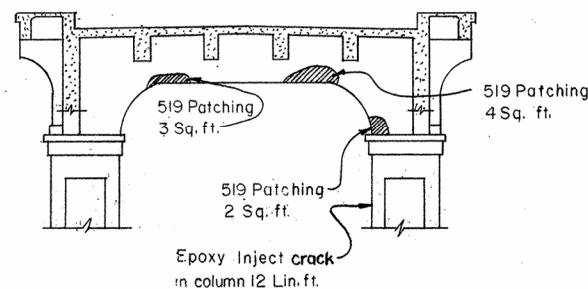
REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	158
FULL DEPTH PATCH (SQ. YD.)	6
EPOXY INJECTION (LIN. FT.)	92

STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES					
SPAN 5 REPAIRS					
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER					
DESIGNED K.D.K.	DRAWN T.G.C.	TRACED	CHECKED JAM	REVIEWED WJJ 10-28-77	DATE 12/19

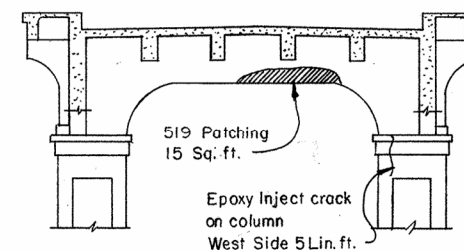
MICROFILMED
OCT 18 1985

FHWA REGION	STATE	PROJECT	
5	OHIO		15 21

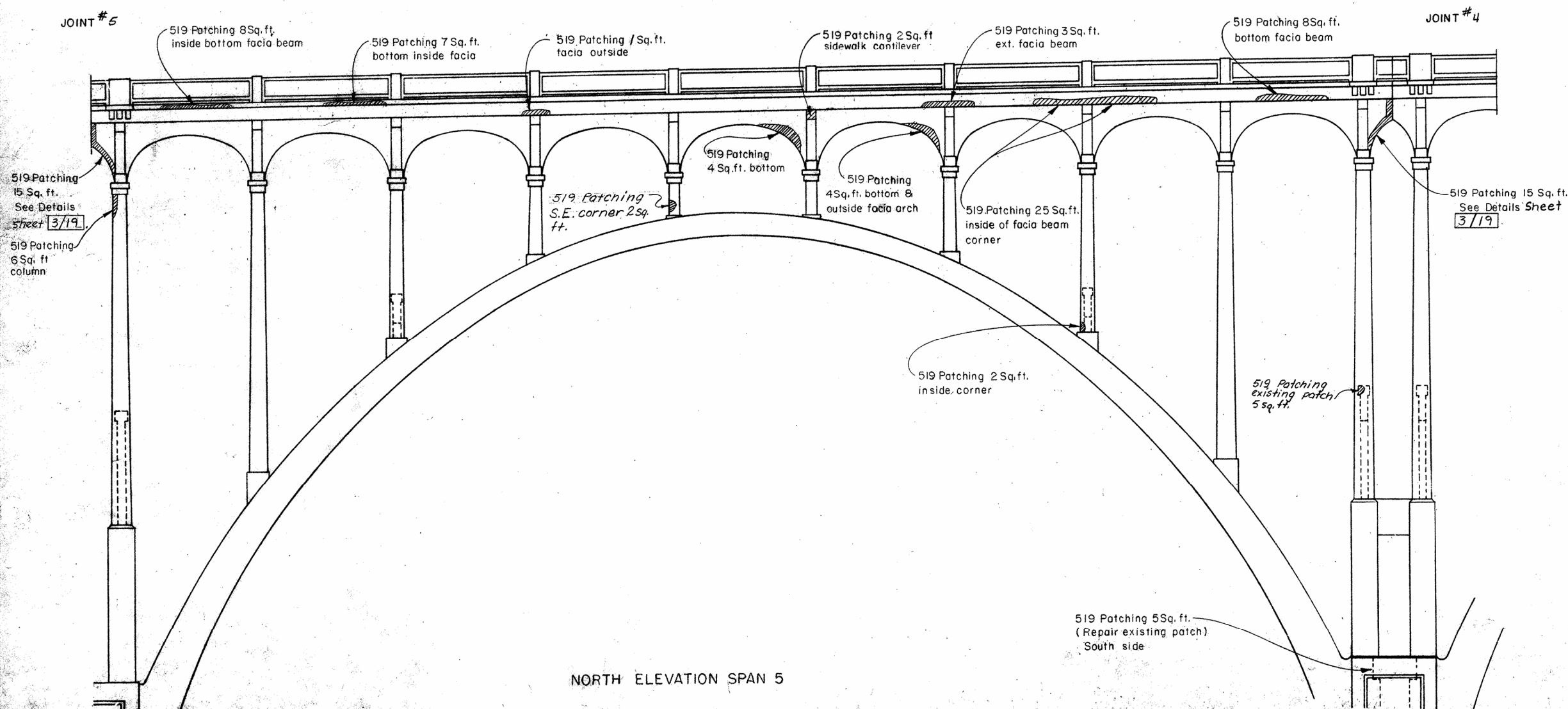
SUM-82-000



SECTION J-J



SECTION K-K



NORTH ELEVATION SPAN 5

REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	136
EPOXY INJECTION (LIN. FT.)	17

STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES						13 / 19
SPAN 5 REPAIRS						
BRIDGE No. SUM-82-0000 OVER CUYAHOGA RIVER						
DESIGNED K.D.K.	DRAWN TGC	TRACED JAM	CHECKED WJL	REVIEWED 10-28-77	DATE	REVISION

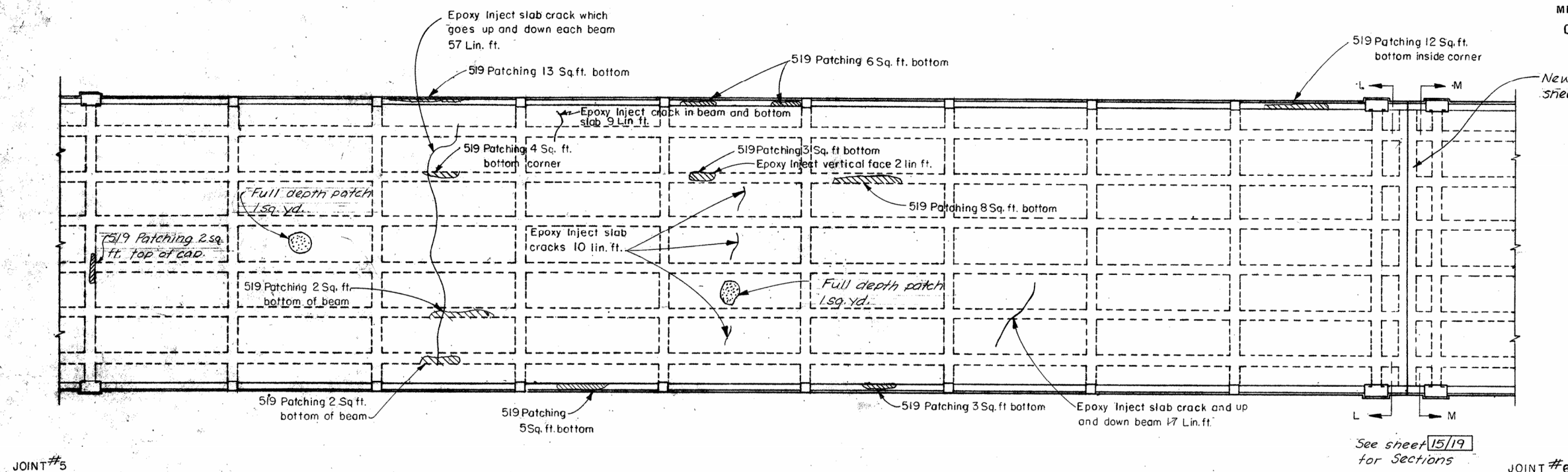
FHWA REGION	STATE	PROJECT
5	OHIO	

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OCT 18 1985

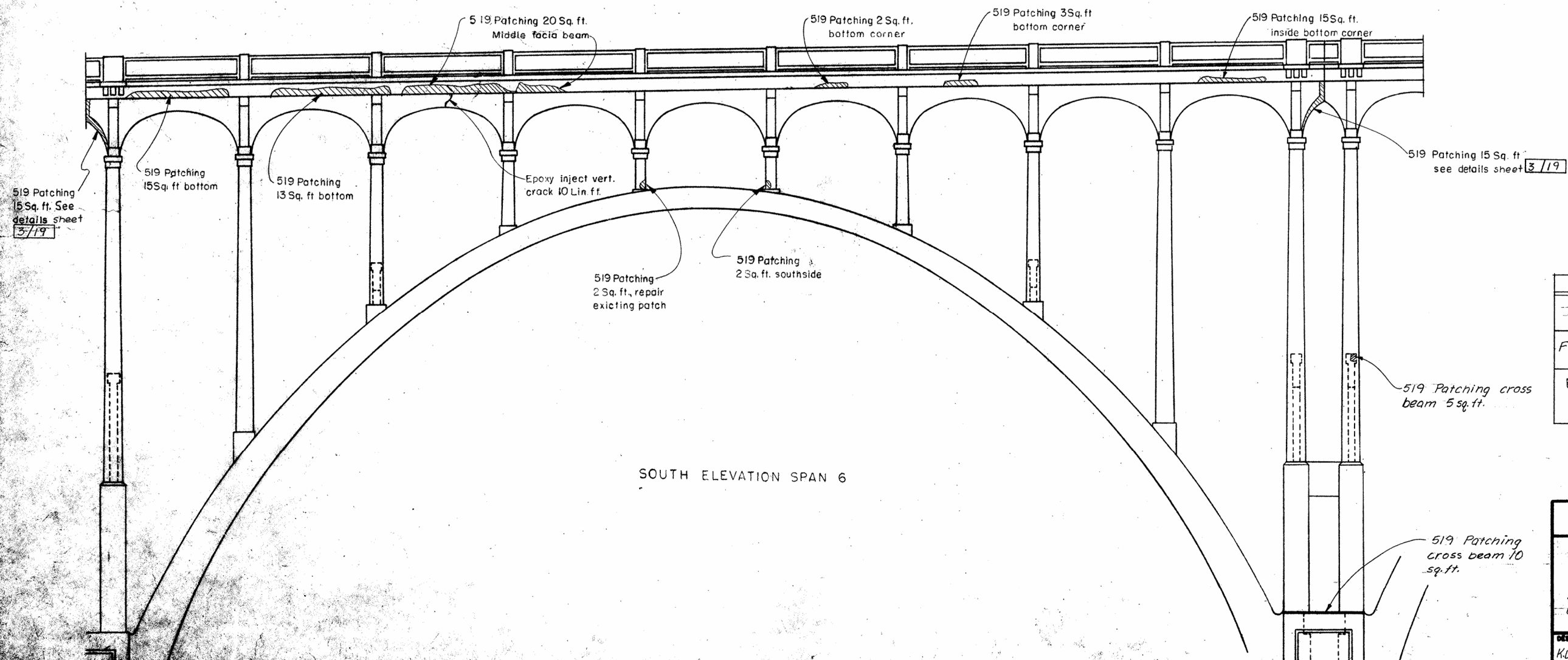
SUM-82- 0.00

New beams full length. See sec. A-A sheet 2/19 for details.



JOINT #5

JOINT #6



SOUTH ELEVATION SPAN 6

REPAIRS THIS SHEET	
PATCHING (SQ. FT.)	177
FULL DEPTH PATCH (SQ. YD.)	2
EPOXY INJECTION (LIN. FT.)	105

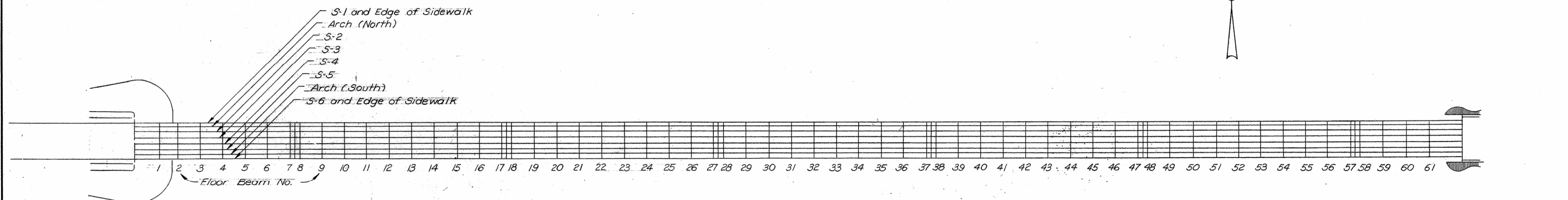
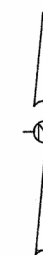
STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES					
SPAN 6 REPAIRS					
BRIDGE NO. SUM-82-0000 OVER CUYAHOGA RIVER					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE
K.D.M.	T.G.C.		JAM	W.J.J.	10-28-77

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OCT 18 1985

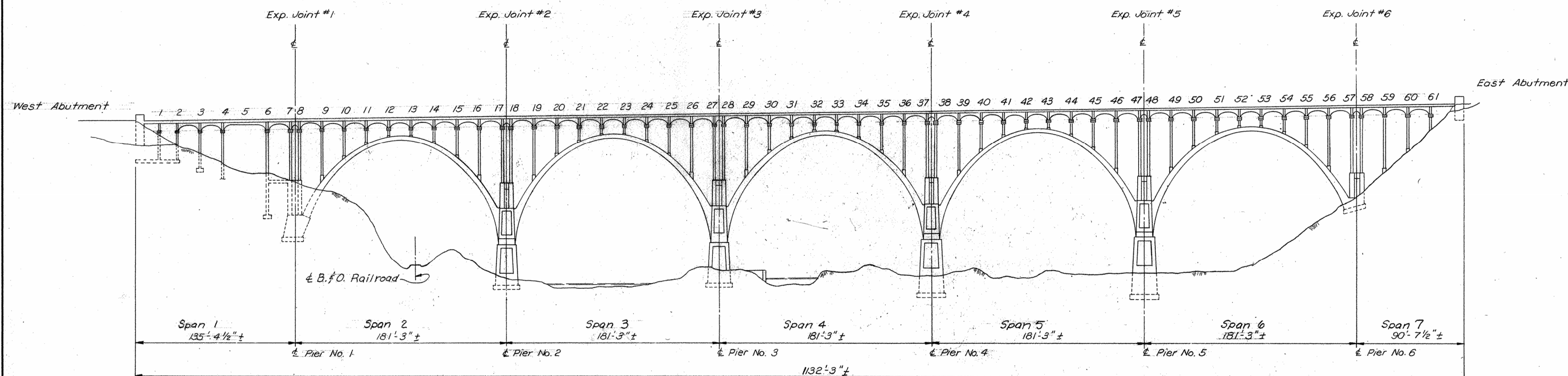
FHWA REGION	STATE	PROJECT
5	OHIO	

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SUM-82- 0.00



Floor Plan



South Elevation

Legend

S-1 Stringer
N North Side
S South Side

For ESTIMATED QUANTITIES and REINFORCING
STEEL LIST see sheet 18/19
For GENERAL NOTES see sheet 19/19

STATE OF OHIO DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF BRIDGES						1 / 19
FLOOR PLAN AND GENERAL ELEVATION OF EXISTING BRIDGE						
BRIDGE NO. SUM-82-0000 OVER CUYAHOGA RIVER						
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
		TGC	JAM	WJW	10-28-77	