ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
STRUCTURE: TRU-88-0900 (SFN: 7805853)					
202	11201	LUMP		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	3/14
202	23501	429	SQ YD	WEARING COURSE REMOVED, AS PER PLAN	3/14
202	98300	296	SQ YD	REMOVAL, MISC.: REMOVAL OF EXISTING CONCRETE OVERLAY	
SPECIAL	512 67510	82	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) *	11-13/14
SPECIAL	512 73000	7	SQ YD	TREATING CONCRETE BRIDGE DECKS WITH HMWM RESIN *	3/14
SPECIAL	518 22300	152	LIN FT	STEEL DRIP STRIP	3/14
519	11100	50	SQ FT	PATCHING CONCRETE STRUCTURE	
SPECIAL	519 22020	296	SQ YD	MICRO-SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION (T=2-1/4") *	8/14
SPECIAL	519 22130	9	CU YD	MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY *	8/14
SPECIAL	519 22134	30	SQ YD	HAND CHIPPING *	
					8/14
SPECIAL	519 22200	3	CU YD	FULL DEPTH REPAIR	
SPECIAL	519 22300	LUMP		TEST SLAB	
SPECIAL	519 22400	296	SQ YD	SURFACE PREPARATION USING HYDRODEMOLITION *	
SPECIAL	519 22500	40	SQ YD	MICRO-SILICA MODIFIED CONCRETE, MISC.: PATCHING CONCRETE BRIDGE DECKS WITH MICRO-SILICA MODIFIED CONCRETE	5/14
STRUCTURE: TRU-88-1333 (SFN: 7805918)					
SPECIAL	512 67510	187	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) *	11-13/14
SPECIAL	512 73000	24	SQ YD	TREATING CONCRETE BRIDGE DECKS WITH HMWM RESIN *	3/14
516	14600	68	LIN FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (705.11)	3/14
SPECIAL	518 22300	492	LIN FT	STEEL DRIP STRIP	3/14
519	11100	120	SQ FT	PATCHING CONCRETE STRUCTURE	
					8/14
SPECIAL	519 22006	968	SQ YD	MICRO-SILICA MODIFIED CONCRETE OVERLAY (T=2") *	8/14
SPECIAL	519 22100	8	CU YD	MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS) *	
STRUCTURE: TRU-88-1556 (SFN: 7805934)					
SPECIAL	512 67510	783	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) *	11-13/14
SPECIAL	512 73000	926	SQ YD	TREATING CONCRETE BRIDGE DECKS WITH HMWM RESIN *	3/14
516	14600	90	LIN FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: AS PER PLAN	4, 10/14
SPECIAL	519 22500	185	SQ YD	MICRO-SILICA MODIFIED CONCRETE, MISC.: PATCHING CONCRETE BRIDGE DECKS WITH MICRO-SILICA MODIFIED CONCRETE	5/14
STRUCTURE: TRU-88-2195 (SFN: 7806000)					
202	11201	LUMP		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	3/14
202	23501	146	SQ YD	WEARING COURSE REMOVED, AS PER PLAN	3/14
SPECIAL	512 67030	96	SQ YD	MEMBRANE WATERPROOFING (SHEET TYPE 3) *	3/14
SPECIAL	512 67510	102	SQ YD	SEALING CONCRETE SURFACES (EPOXY-URETHANE) *	11-13/14
517	72301	64	LIN FT	DEEP (BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS), AS PER PLAN	3/14
SPECIAL	518 22300	74	LIN FT	STEEL DRIP STRIP	3/14
SPECIAL	519 12610	15	LIN FT	CONCRETE REPAIR BY EPOXY INJECTION INCLUDING SURFACE PREPARATION *	
SPECIAL	519 22500	34	SQ YD	MICRO-SILICA MODIFIED CONCRETE, MISC.: PATCHING CONCRETE BRIDGE DECKS WITH MICRO-SILICA MODIFIED CONCRETE	5/14
520	11100	400	SQ FT	PNEUMATICALLY PLACED MORTAR	3/14
601	26000	138	CU YD	DUMPED ROCK FILL, TYPE B	
606	35140	4	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4	
SPECIAL	690 98400	LUMP		ROADWAY, MISC.: CHANNEL CLEANOUT	3/14
STRUCTURE: TRU-88-2338 (SFN: 7806035)					
202	11201	LUMP		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	3/14
202	23501	133	SQ YD	WEARING COURSE REMOVED, AS PER PLAN	3/14
SPECIAL	519 22200	8	CU YD	FULL DEPTH REPAIR	3/14
SPECIAL	519 22500	458	SQ YD	MICRO-SILICA MODIFIED CONCRETE, MISC.: PATCHING CONCRETE BRIDGE DECKS WITH MICRO-SILICA MODIFIED CONCRETE	

BRIDGE DECK TREATMENT

BRIDGE DECK DATA

COUNTY, ROUTE AND BRIDGE NO.	LENGTH (BRIDGE LIMITS) LIN.FT.	WIDTH LIN.FT.	BRIDGE DECK AREA SQ.YDS.	BRIDGE DECK OVERLAYS AND REPAIRS: ITEM SPECIAL - MICRO-SILICA MODIFIED ✓CONCRETE OVERLAY USING HYDRODEMOLITION (T-2¼) (SEE DETAILS BELOW) — 2¼" THICK OVERLAY SQ.YDS.	VARIABLE THICKNESS OVERLAY (MATERIAL ONLY) CU.YDS.	FULL DEPTH REPAIR CU.YDS.	SPECIAL SURFACE PREPARATION USING HYDRO-DEMOLITION SQ.YDS.	202 WEARING COURSE REMOVED, AS PER PLAN SQ.YD.	SPECIAL TREATING CONCRETE BRIDGE DECKS WITH HWWM RESIN SQ.YD.	519 PATCHING CONCRETE STRUCTURE SQ.FT.	520 PNEUMATICALLY PLACED MORTAR SQ.FT.	601 DUMPED ROCK FILL, TYPE B CU.YD.	SPECIAL MICRO-SILICA MODIFIED CONCRETE, MISC.: PATCHING CONCRETE BRIDGE DECKS WITH MICRO-SILICA MODIFIED CONCRETE SQ.YD.	SPECIAL SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) SQ.YD.	SPECIAL MEMBRANE WATERPROOFING (SHEET TYPE 3) SQ.YD.	SPECIAL CONCRETE REPAIR BY EPOXY INJECTION INCLUDING SURFACE PREPARATION LIN.FT.	516 STRUCTURAL JOINT OR JOINT SEALER, MISC.: PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (705.11) LIN.FT.	SPECIAL STEEL DRIP STRIP LIN.FT.	516 STRUCTURAL JOINT OR JOINT SEALER, MISC.: AS PER PLAN LIN.FT.	SPECIAL HAND CHIPPING SQ.YD.	202 PORTIONS OF STRUCTURES REMOVED, AS PER PLAN LUMP	202 REMOVAL, MISC.: REMOVAL OF EXISTING CONCRETE OVERLAY LUMP
TRU-88-0900	66.6	40	296	296	9	3	296	429	7	50			40	82				152		30	LUMP	296
TRU-88-1333 Δ	212	34	801						24	120				187			68	492				
TRU-88-1556	196.02	42.5	926						926				185	783					90			
TRU-88-1951 ✡	51.17	32	182																			
TRU-88-2195	32	24	85					146			400	138	34	102	96	15		74			LUMP	
TRU-88-2338	274.78	30	916			5		133					458								LUMP	
TOTAL				296	9	8	296	708	957	170	400	138	717	1154	96	15	68	718	90	30	LUMP	296

Δ- OVERLAY BRIDGE AND APPROACH SLABS
✡- PAVE OVER EXISTING STRUCTURE WITH SAME TREATMENT AS TYPICAL SECTION

NOTE: ALL QUANTITIES SHOWN ON THIS SHEET ARE CARRIED TO THE GENERAL SUMMARY

:TRU88BDT.DGN

DESIGN AGENCY
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 4 - PRODUCTION
STRUCTURES SECTION

DESIGNED TJB | DRAWN TJB | CHECKED | REVIEWED NCM | DATE 10/31/96 | REVISED | STRUCTURE FILE NUMBER

BRIDGE DECK TREATMENT

TRU-88-07.03

1/14

BRIDGE DECK TREATMENT

BRIDGE DECK DATA

COUNTY, ROUTE AND BRIDGE NO.	LENGTH (BRIDGE LIMITS) LIN.FT.	WIDTH LIN.FT.	BRIDGE DECK AREA SQ.YDS.	SPECIAL MICRO-SILICA MODIFIED CONCRETE OVERLAY (1"-2") SQ.YDS.	SPECIAL MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS) CU.YDS.													
TRU-88-0900	66.6	40	296															
TRU-88-1333 △	212	34	801	968	8													
TRU-88-1556	196.02	42.5	926															
TRU-88-1951	51.17	32	182															
TRU-88-2195	32	24	85															
TRU-88-2338	274.78	30	916															
TOTAL				968	8													

△- OVERLAY BRIDGE AND APPROACH SLABS

✡- PAVE OVER EXISTING STRUCTURE WITH SAME TREATMENT AS TYPICAL SECTION

NOTE: ALL QUANTITIES SHOWN ON THIS SHEET ARE CARRIED TO THE GENERAL SUMMARY

:BRIDTRET.DGN

DESIGN AGENCY
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 7 - TROY
STRUCTURES SECTION

REVISED 7/2/99 | DATE 10/31/96 | STRUCTURE FILE NUMBER

DRAWN TJB | REVISED

DESIGNED TJB | CHECKED

BRIDGE DECK TREATMENT

TRU-88-07.03

2/14

BRIDGE NOTES

ITEM 202 - PORTIONS OF STRUCTURES REMOVED, AS PER PLAN

THIS NOTE PERTAINS TO THE FOLLOWING BRIDGES AND INCLUDES:

TRU-88-0900 - REMOVAL OF STEEL DRIP STRIP.

TRU-88-2195 - REMOVAL OF THE GUARDRAIL AND GUARDRAIL POSTS. THE GUARDRAIL AND GUARDRAIL POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDINGLY. ALSO, THE CONTRACTOR SHALL REMOVE THE CONCRETE CURBS ON THIS STRUCTURE. THE CONTRACTOR SHALL USE EXTREME CAUTION TO NOT DISTURB A UNITED STATES GEOLOGICAL SURVEY BENCH MARK THAT IS LOCATED ON THE SOUTHEAST WINGWALL.

TRU-88-2338 - REMOVAL AND DISPOSAL OF THE RISER BARS AT EACH EXPANSION JOINT.

PAYMENT FOR THIS ITEM WILL INCLUDE ALL INCIDENTALS SUCH AS SAWCUTTING, ETC., AND WILL BE MADE AT THE LUMP SUM BID FOR ITEM 202 - PORTIONS OF STRUCTURES REMOVED, AS PER PLAN.

ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN

THE PURPOSE OF THIS ITEM IS TO REMOVE THE ASPHALT DOWN TO THE ORIGINAL CONCRETE WEARING SURFACES ON BRIDGE NOS. TRU-88-0900 AND TRU-88-2195. THIS ITEM WILL ALSO INCLUDE REMOVAL OF ASPHALT FROM THE APPROACH SLABS. THE ASPHALT THICKNESS ON BRIDGE NO. TRU-88- 0900 IS 1"± AND THE THICKNESS ON BRIDGE NO. TRU-88-2195 IS 8"+/-. THIS ITEM WILL ALSO INCLUDE REMOVAL OF THE ASPHALT FROM THE APPROACH SLABS OF BRIDGE NO. TRU-88-2338. PAYMENT FOR THIS ITEM WILL BE MADE AT THE UNIT BID PRICE FOR ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN.

ITEM SPECIAL - SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

THIS ITEM IS TO BE USED TO SEAL THE WINGWALLS, ABUTMENTS, AND CONCRETE BEAMS AS PER DETAILS ON PAGE NOS. 11/14-13/14 . PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER SQUARE YARD OF ITEM SPECIAL - SEALING OF CONCRETE SURFACES (EPOXY-URETHANE).

ITEM SPECIAL - MEMBRANE WATERPROOFING (SHEET TYPE 3)

THE INTENT OF THIS ITEM IS TO WATERPROOF THE WEARING SURFACE OF STRUCTURE NO. TRU-88-2195. THE WATERPROOFING WILL BE EXTENDED TO OVERLAP THE EXPANSION JOINTS BY 2 FEET AT EACH END OF THE STRUCTURE. PAYMENT FOR THIS ITEM WILL BE MADE AT THE UNIT PRICE BID PER SQUARE YARD OF ITEM SPECIAL - MEMBRANE WATERPROOFING (SHEET TYPE 3).

ITEM 517 - RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS), AS PER PLAN

THE PURPOSE OF THIS ITEM IS TO REPLACE THE EXISTING GUARDRAIL ON STRUCTURE NO. TRU-88-2195. PAYMENT FOR THIS ITEM SHALL INCLUDE ALL INCIDENTALS SUCH AS DRILLING THE BOLT HOLES, ETC. THE EXISTING GUARDRAIL BOLTS SHALL BE CUT FLUSH WITH THE DECK EDGE. IT SHALL ALSO INCLUDE THE USE OF A NON-SHRINK, NON-METALLIC GROUT WITH EPOXY RESIN COMPONENT A. THERE SHALL BE A 12" MINIMUM EMBEDMENT LENGTH FOR THE BOTTOM ANCHOR BOLTS. PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER LINEAR FOOT FOR ITEM 517 - RAILING (DEEP BEAM RAIL WITH TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS), AS PER PLAN. REFER TO STANDARD DRAWING DBR-2-73 FOR DETAILS AND MEASUREMENTS.

ITEM SPECIAL - STEEL DRIP STRIP

A STEEL DRIP STRIP SHALL BE PLACED ON STRUCTURE NOS. TRU-88-0900, TRU-88-1333, AND TRU-88-2195 TO PROVIDE FOR OVER THE SIDE DRAINAGE. PAYMENT FOR THIS ITEM WILL INCLUDE ALL NECESSARY LABOR AND MATERIALS TO COMPLETE THIS ITEM. PAYMENT SHALL BE MADE AT THE UNIT BID PRICE PER LINEAR FOOT FOR ITEM SPECIAL - STEEL DRIP STRIP.

ITEM 519 - PATCHING CONCRETE STRUCTURE

A QUANTITY HAS BEEN SET UP FOR STRUCTURE NOS. TRU-88-0900, AND TRU-88-1333 FOR THE PURPOSE OF PATCHING WINGWALLS, ABUTMENTS, DECK BOTTOMS, ETC. AT THE DISCRETION OF THE PROJECT ENGINEER/SUPERVISOR.

ITEM 520 - PNEUMATICALLY PLACED MORTAR

A QUANTITY HAS BEEN SET UP FOR STRUCTURE NO. TRU-88-2195 FOR THE PURPOSE OF PATCHING WINGWALLS, ABUTMENTS, BOTTOMS OF BEAMS, ETC. AT THE DISCRETION OF THE PROJECT ENGINEER/SUPERVISOR.

ITEM SPECIAL - ROADWAY, MISC.: CHANNEL CLEANOUT

THE PURPOSE OF THIS ITEM IS TO REMOVE DEBRIS (OLD TIRES, LOGS, ETC.), OVERGROWTH (LONG TREE BRANCHES OVERHANGING THE CHANNEL, HIGH WEEDS, ETC.), AND SILT DEPOSITS (EARTH BUILD-UP) UNDER BRIDGE NO. TRU-88-2195 AND UPSTREAM AND DOWNSTREAM FROM THE STRUCTURE WITHIN RIGHT-OF-WAY LIMITS, AS SHOWN ON SHEET NO. 14/14. ALL PORTIONS OF THIS ITEM SHALL BE AT THE DISCRETION OF THE PROJECT ENGINEER/SUPERVISOR AND PAYMENT SHALL BE MADE AT THE LUMP SUM BID PRICE FOR ITEM SPECIAL - ROADWAY, MISC.: CHANNEL CLEANOUT.

ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (705.11)

THE PURPOSE OF THIS ITEM IS TO REPLACE THE PREFORMED ELASTOMERIC JOINT SEALER ON BRIDGE NO. TRU-88-1333 AT EACH EXPANSION JOINT. PAYMENT FOR THIS ITEM SHALL INCLUDE ANY INCIDENTALS SUCH AS SAWCUTTING, ETC. AND SHALL BE MADE AT THE UNIT BID PRICE PER LINEAR FOOT FOR ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (705.11). THE CONTRACTOR SHALL FOLLOW DETAIL B AS PROVIDED IN STANDARD DRAWING AS-1-81 WITH THE EXCEPTION OF PLACING NEW WATERPROOFING.

ITEM SPECIAL - TREATING CONCRETE BRIDGE DECKS WITH HMWM RESIN

THE PURPOSE OF THIS ITEM IS TO COVER THE CONSTRUCTION JOINTS OF THE NEW CONCRETE OVERLAYS ON BRIDGE NOS. TRU-88-0900 AND TRU-88-1333. ALSO, THIS ITEM SHALL BE USED TO COVER THE ENTIRE DECK SURFACE OF TRU-88-1556. PAYMENT FOR THIS ITEM SHALL BE MADE AT THE UNIT BID PRICE PER SQUARE YARD FOR ITEM SPECIAL - TREATING CONCRETE BRIDGE DECKS WITH HMWM RESIN.

:TR88GENT.DGN

DESIGN AGENCY: STATE OF OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 PRODUCTION STRUCTURES SECTION

DATE: 10-31-96

STRUCTURE FILE NUMBER

DESIGNED: TJB

CHECKED: NCM

DRAWN: TJB

REVISED

REVISED

BRIDGE NOTES

TRU-88-07.03

3/14

BRIDGE NOTES

ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: AS PER PLAN

THE PURPOSE OF THIS ITEM IS TO FILL IN THE DEEP OPENINGS BETWEEN THE WINGWALL PARAPETS AND THE APPROACH SLABS OF BRIDGE NO. TRU-88-1556. A QUANTITY OF 90 LINEAR FEET IS PROVIDED TO BE USED AT THE DISCRETION OF THE PROJECT ENGINEER/SUPERVISOR. PAYMENT FOR THIS ITEM SHALL INCLUDE ANY AND ALL INCIDENTALS NECESSARY TO COMPLETE THIS ITEM AND SHALL BE MADE AT THE UNIT BID PRICE PER LINEAR FOOT FOR ITEM 516 - STRUCTURAL JOINT OR JOINT SEALER, MISC.: AS PER PLAN.

THE CONTRACTOR SHALL USE THE PRODUCT DESCRIBED BELOW OR AN APPROVED EQUIVALENT PRODUCT.

COLD APPLIED "SOF-SEAL" LOW-MODULUS HORIZONTAL SEALANT

TYPICAL PROPERTIES

APPLICATION LIFE	45 MINUTES
PENETRATION mm/10	
@77°F	140
@ 0°F	35
FLOW,cm	NONE
RESILIENCE, %	90%
BOND TEST, 3 CYCLES	
100% EXTENSION AT -20°F	PASS 3 CYCLES
ELONGATION	
300% AT -20°F	PASS 1 CYCLE

PACKAGING

TWO-COMPONENT, COLD-APPLIED SOF-SEAL IS PACKAGED IN 3 GALLON UNITS. THE BASE MATERIAL IS FURNISHED IN AN OVERSIZED CONTAINER SUITABLE FOR MIXING AND POURING. THE ACTIVATOR IS FURNISHED IN A BOTTLE INSERTED IN A PLASTIC BAG WHICH IS WIRE TIED TO THE BALE AND HANGS INSIDE THE CONTAINER. BOTH COMPONENTS ARE PREMEASURED TO EXACT QUANTITIES. MIX ALL MATERIALS IN THE CONTAINER; DO NOT MIX PARTIAL UNITS.

COVERAGE

A JOINT ½" WIDE BY ½" DEEP REQUIRES APPROXIMATELY 1.3 GALLONS PER 100 LINEAL FEET.

APPLICATION PROCEDURES

PREPARATION: FOR MAXIMUM EFFECTIVENESS CRACKS AND/OR JOINTS SHOULD BE ROUTED OUT TO PROVIDE A RESERVOIR FOR THE SEALER THAT WILL HAVE A DEPTH EQUAL TO ONE-HALF THE WIDTH.....WITH A MIMIMUM DEPTH OF ½". THE CRACKS OR JOINTS SHOULD BE CLEAN AND DRY WITH DIRT AND LOOSE PARTICLES BLOWN OUT.

WHERE FULL-DEPTH CRACKS ARE TO BE SEALED, TO ELIMINATE WASTEFUL RUN-OUT AND LOSS OF THE SEALER, SUCH CRACKS SHOULD FIRST BE FILLED WITH SAND AND/OR BLOCKED WITH A BACKER ROD; IF NOT, THE MATERIAL WILL RUN DOWN THROUGH THE CRACK AND LEAVE UNSEALED VOIDS.

MIXING: THE TWO COMPONENTS OF COLD-APPLIED SOF-SEAL ARE PREMEASURED AND MUST BE MIXED TOGETHER AT ONE TIME. ADD PART A, THE ACTIVATOR, TO PART B AND MIX TO BLEND THOROUGHLY. MIXING CAN BE ACCOMPLISHED BY HAND (SEE A) OR WITH A VARIABLE SPEED DRILL OPERATED AT SLOW SPEEDS (SEE B). IN EITHER CASE, THE MIXING SHOULD BE INTERRUPTED OCCASIONALLY AND THE MIXING PADDLE USED TO WIPE MATERIAL FROM THE SIDES AND BOTTOM OF THE CONTAINER FOR THOROUGH BLENDING.

A. PREFERRED METHOD.....MIXING WITH A VARIABLE SPEED DRILL FITTED WITH A SLOTTED, FLAT HEADED PADDLE IS BEST ACCOMPLISHED WHEN THE DRILL IS OPERATED AT SLOW SPEEDS NOT TO EXCEED 400 RPM..... MIXING TIME IS 5 MINUTES MINIMUM.

B. MIXING BY HAND CAN BE ACCOMPLISHED WITH THE USE OF A FLAT WOODEN MIXING PADDLE.....MIXING TIME BY HAND IS 8 MINUTES MINIMUM.

POURING: COLD-APPLIED SOF-SEAL MAY BE POURED FROM ITS ORIGINAL CONTAINER OR ANY OTHER CLEAN CONTAINER SUITABLE FOR POURING. CRACKS AND JOINTS SHOULD BE FILLED FROM THE BOTTOM UP AND A COMMERCIAL SEALING POT EQUIPPED WITH A NARROW POURING SPOUT AND SHUTOFF VALVE IS IDEAL. FILL CRACKS AND JOINTS FLUSH WITH PAVEMENT SURFACE: IF SPILLS OCCUR OR CRACKS ARE OVERFILLED, THESE AREAS SHOULD BE THOROUGHLY AND CAREFULLY SQUEEGEED TO AS THIN A SURFACE AS POSSIBLE (2 MIL MAXIMUM).
TO FACILITATE PROMPT OPENING TO VEHICULAR TRAFFIC, ABOUT ONE HOUR AFTER APPLYING SEALER, IT CAN BE DUSTED, WITH LIMESTONE DUST OR TALC AS AN EXAMPLE, TO MINIMIZE TRACKING.

LIMITATIONS AND PRECAUTIONS

COLD-APPLIED SOF-SEAL IS SPECIFICALLY FORMULATED TO REMAIN SOFT AND PLIABLE IN PAVEMENT JOINTS AND CRACKS AND IS NOT SUGGESTED FOR APPLICATION IN PLAZA DECKS, SHOPPING MALLS, AND OTHER AREAS SUBJECTED TO MASS PEDESTRIAN FOOT TRAFFIC, HIGH HEELS, ETC.

PRIOR TO MIXING, COLD-APPLIED SOF-SEAL SHOULD BE STORED AT TEMPERATURES OF 55°F OR HIGHER. MATERIAL SHOULD BE APPLIED ONLY WHEN THE TEMPERATURE OF THE AIR AND INTERFACES IS 40°F OR HIGHER.

COLD-APPLIED SOF-SEAL CHEMICALLY CURES STARTING WHEN THE TWO COMPONENTS ARE MIXED. POT LIFE AT 70°F IS 45 MINUTES.....MIX ONLY ENOUGH MATERIAL FOR PROMPT PLACEMENT.

CLEAN-UP BEFORE MATERIAL HAS CURED, WITH AN AROMATIC SOLVENT SUCH AS TOLUENE. AFTER MATERIAL HAS CURED, IT WILL BE NECESSARY TO CUT OR ABRADE THE MATERIAL FROM EQUIPMENT.

PRODUCT CONTAINER PROVIDES COMPLETE APPLICATION INFORMATION. READ AND FOLLOW ALL INSTRUCTIONS AND PRECAUTIONS.

SUPPLIER

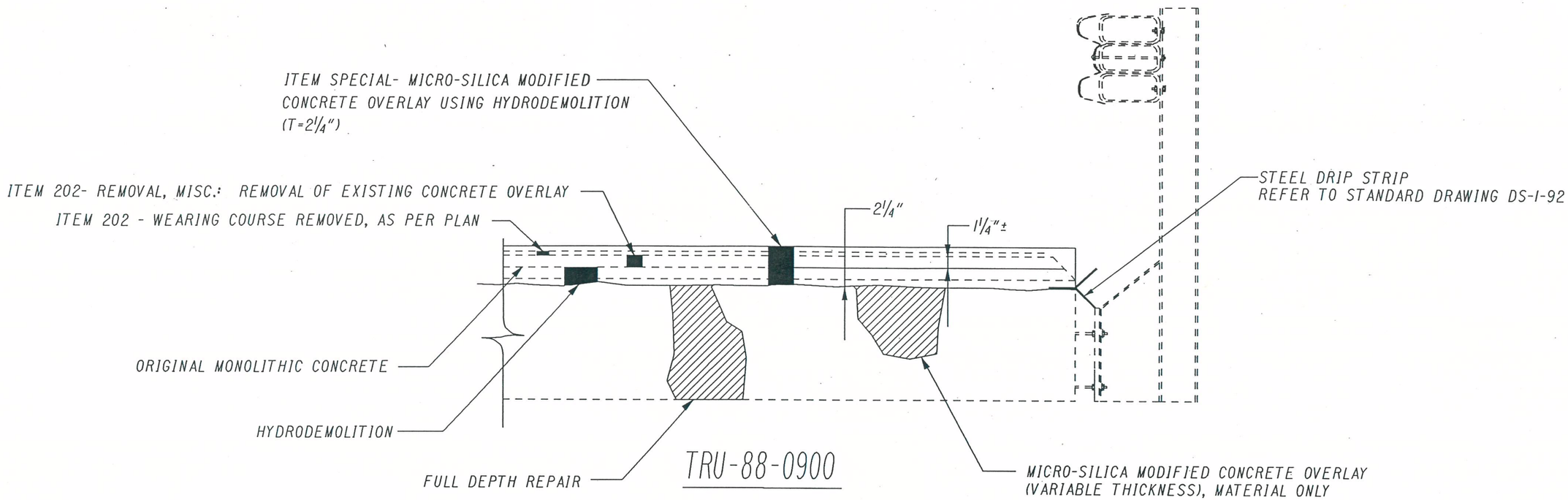
W. R. MEADOWS, INC.
P. O. BOX 543
ELGIN, IL 60121
PHONE: 312-683-4500

OR

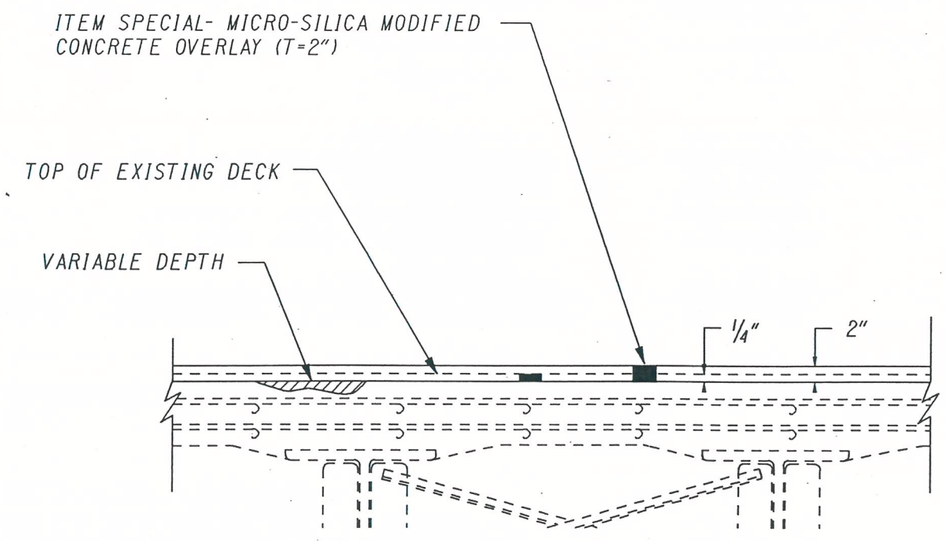
APPROVED EQUIVALENT PRODUCT

DESIGN AGENCY: STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, DISTRICT 4, BRIDGE STRUCTURES SECTION
DESIGNED TJB | DRAWN TJB | CHECKED | REVISED
REVIEWED TJB | DATE 10/31/96 | STRUCTURE FILE NUMBER TRU-88-07.03
BRIDGE NOTES
4/14

:TR88GENT.DGN



TRU-88-0900



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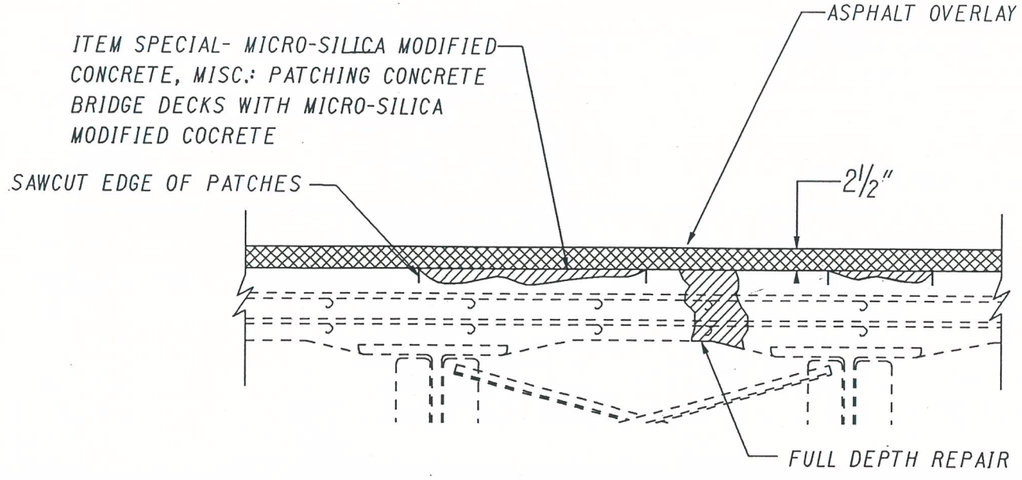


TRU-88-2338

r15499SDC.DGN

DESIGN AGENCY
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 8 PRODUCTION
STRUCTURES SECTION

DATE 10/31/96
REVIEWED NCM
STRUCTURE FILE NUMBER

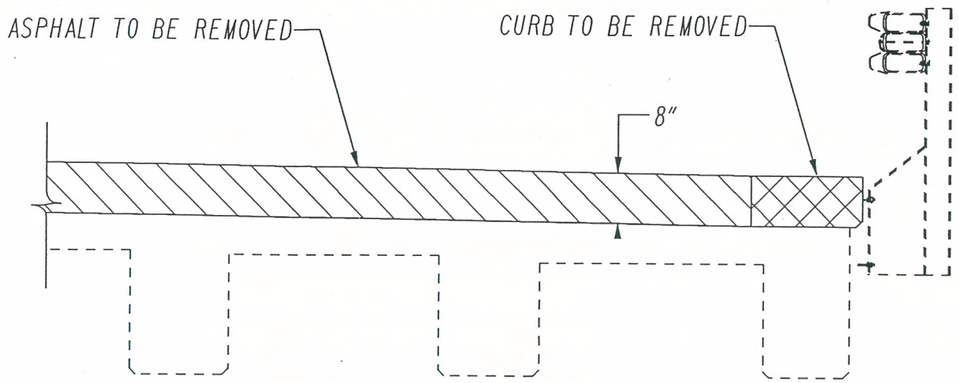
DRAWN SCB
REVISED

DESIGNED TJB
CHECKED

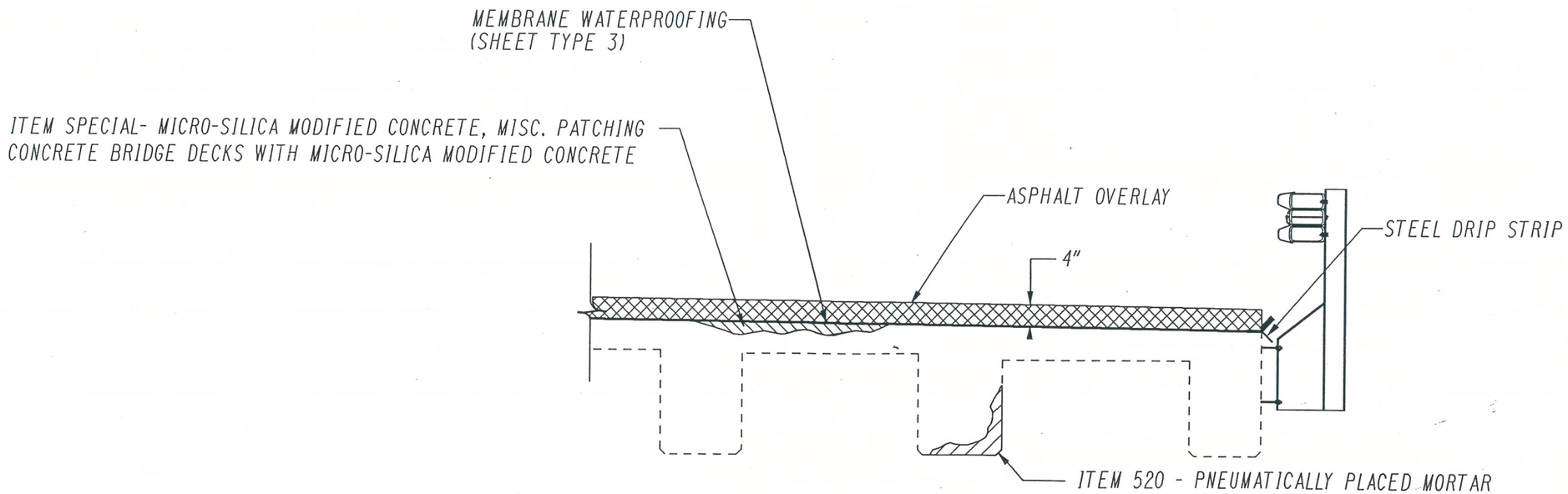
PAVEMENT REPAIR

TRU-88-07.03

8/14



TRU-88-2195 - WEARING SURFACE REMOVAL



TRU-88-2195 - ASPHALT OVERLAY

:15499SDA.DGN

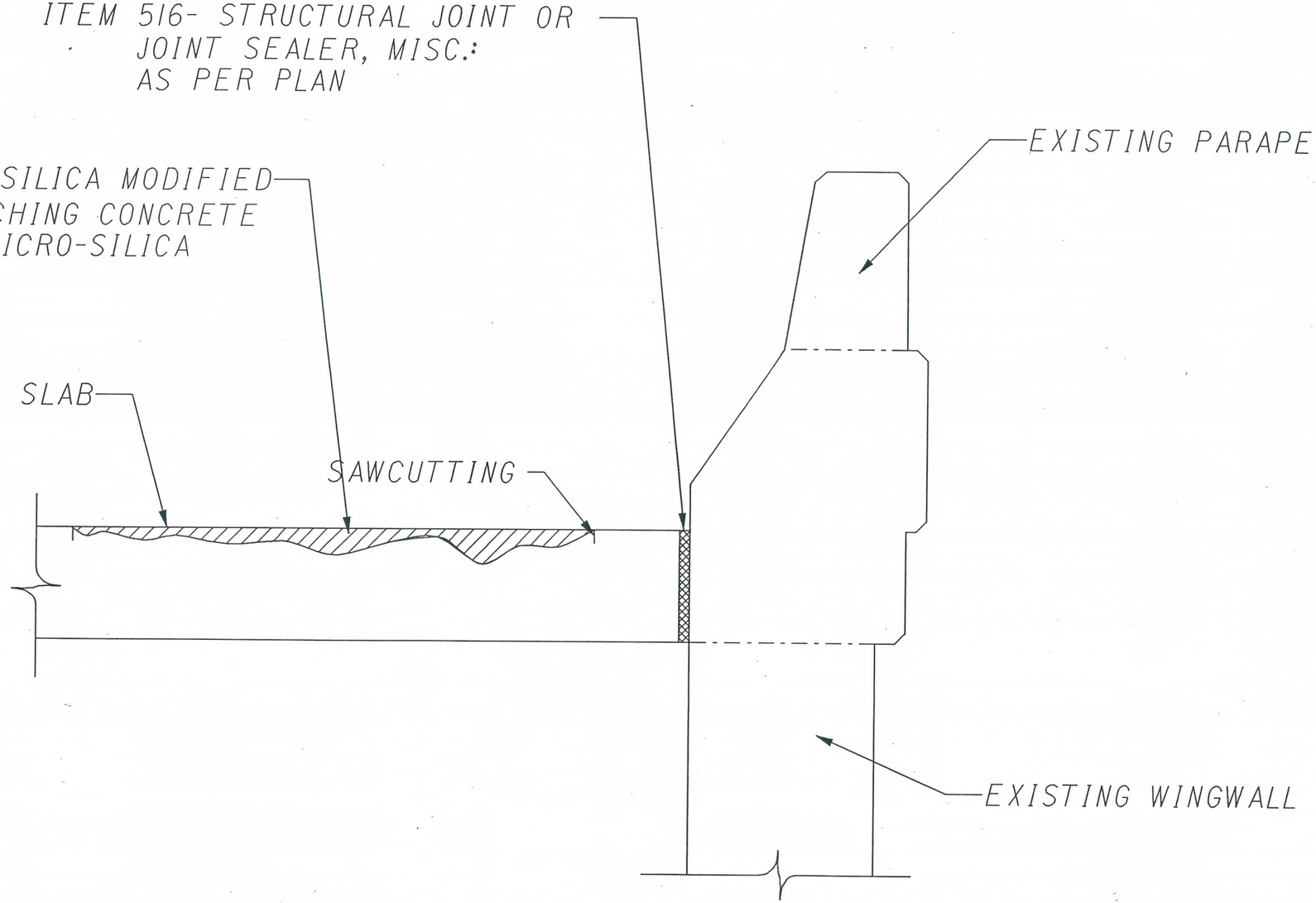
DESIGN AGENCY
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 4 PRODUCTION
STRUCTURES SECTION

DESIGNED TJB
DRAWN SCB
REVIEWED TJB 10/31/96
CHECKED
REVISED
DATE
STRUCTURE FILE NUMBER

WEARING SURFACE REPAIR
TRU-88-2195

TRU-88-07.03

9/14



BRIDGE NO. TRU-88-1556

:15499SDB.DGN

DESIGN AGENCY
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 4 PRODUCTION
STRUCTURES SECTION

DESIGNED	DRAWN	REVIEWED	DATE
TJB	SCB	TCM	10/31/96
CHECKED	REVISED	STRUCTURE FILE NUMBER	

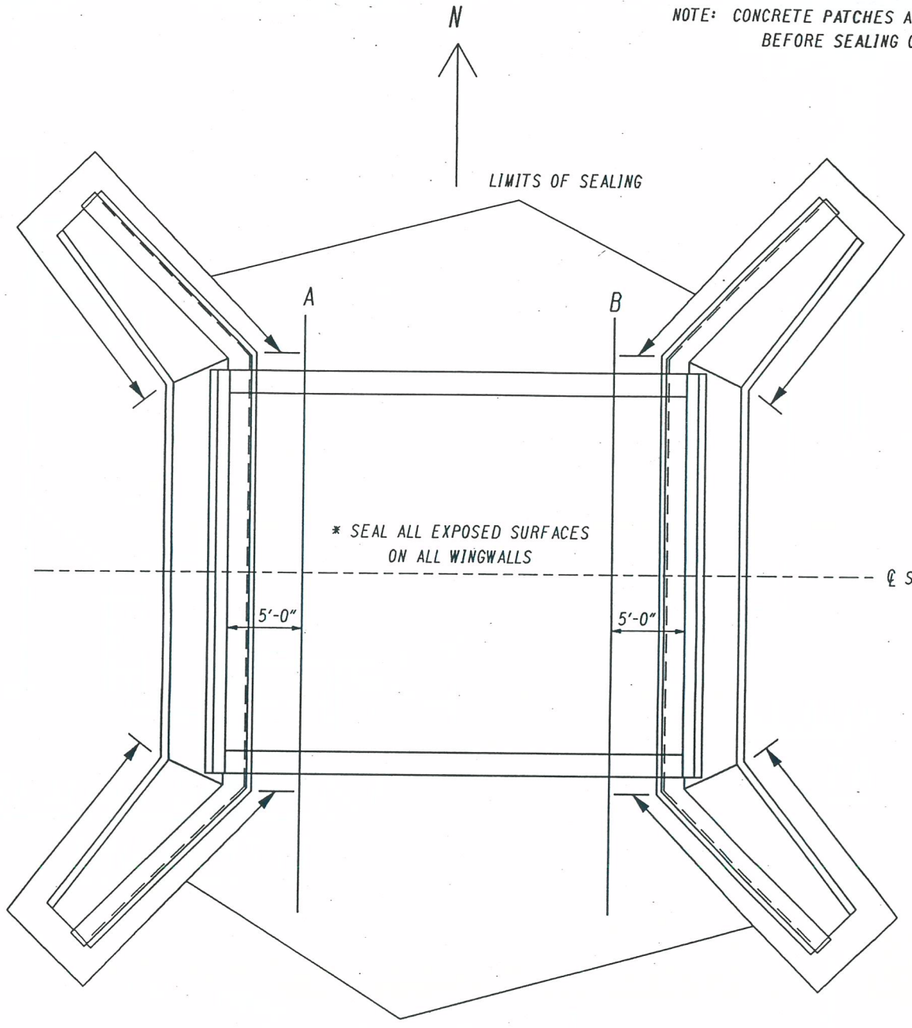
APPROACH SLAB REPAIR
TRU-88-1556

TRU-88-07.03

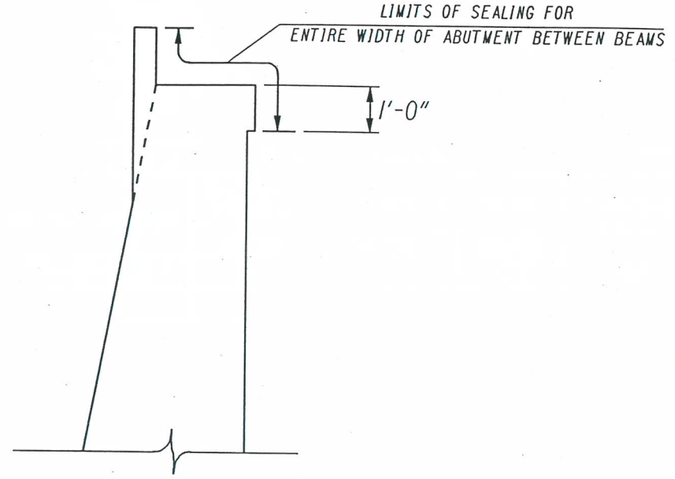
10/14

1

NOTE: CONCRETE PATCHES ARE TO BE COMPLETELY CURED BEFORE SEALING CONCRETE SURFACES

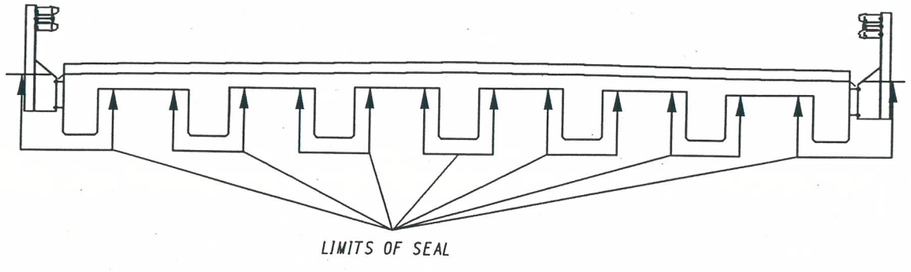


SEALING OF WINGWALLS



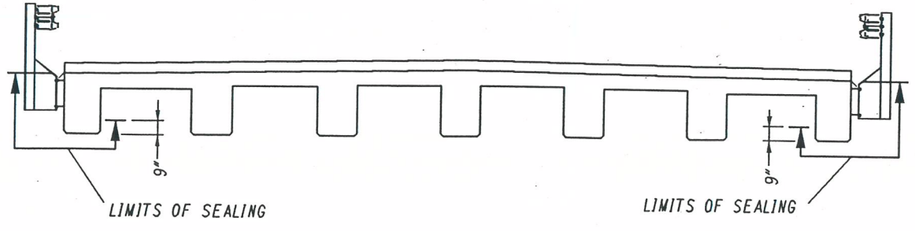
SEALING OF BACKWALL

SEALING SUMMARY				
BRIDGE NUMBER	BACKWALL/ WINGWALL	PARAPETS	PIERS	STRUCTURE TOTAL
	SQ.YDS.	SQ.YDS.	SQ.YDS.	
TRU-88-2195	26		76	102



AREA BETWEEN LINES A AND B

SEALING OF BEAMS



AREAS BETWEEN BACKWALLS AND LINES A AND B

SEALING OF EXTERIOR BEAMS

15499SDA.DGN

DESIGN AGENCY
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 4 PRODUCTION
STRUCTURES SECTION

DESIGNED	DRAWN	REVIEWED	DATE
TJB	SCB	TCM	10/31/96
CHECKED	REVISED	STRUCTURE FILE NUMBER	

SEALING DETAILS
TRU-88-2195

TRU-88-07.03

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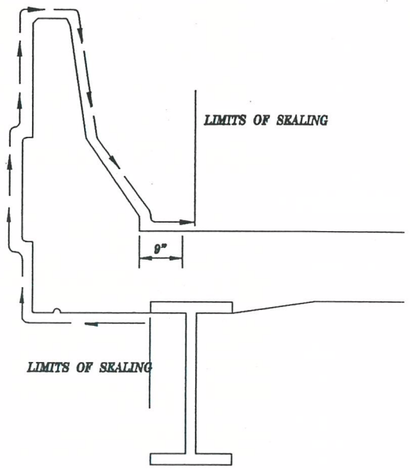
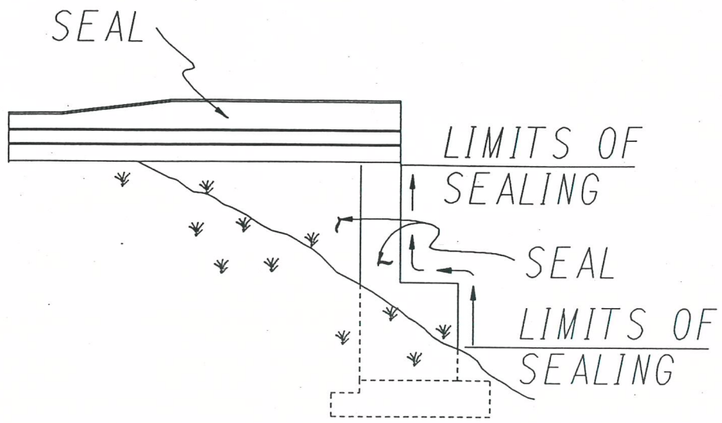
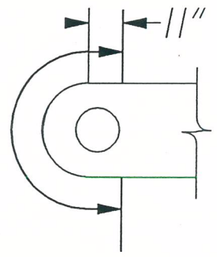


SEALING PARAPET
TRU-88-1556

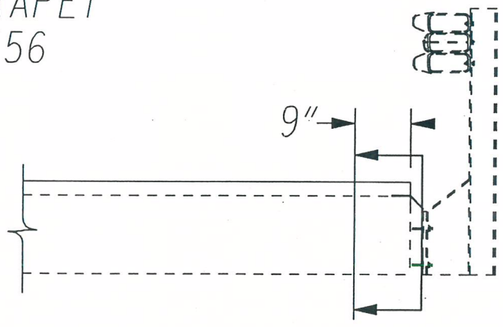


SEALING ABUTMENT AND WINGWALL
TRU-88-1556

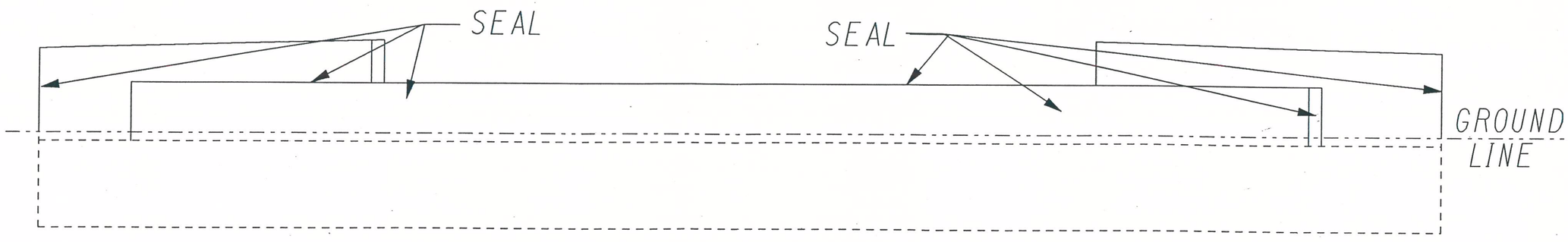
SEALING SUMMARY				
BRIDGE NUMBER	BACKWALL/ WINGWALL	PARAPETS	PIERS	STRUCTURE TOTAL
	SQ.YDS.	SQ.YDS.	SQ.YDS.	
TRU-88-0900	33		409	82
TRU-88-1556	262	521		783



SEALING PIERS
TRU-88-0900



SEALING DECK EDGE
TRU-88-0900



SEALING ABUTMENTS
TRU-88-0900

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DESIGN AGENCY
STATE OF OHIO
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DISTRICT 4 PRODUCT
STRUCTURES SECTION

DESIGNED TJB
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REVISED
REVIEWED
DATE 10/31/96
STRUCTURE FILE NUMBER

SEALING DETAILS

TRU-88-07.03

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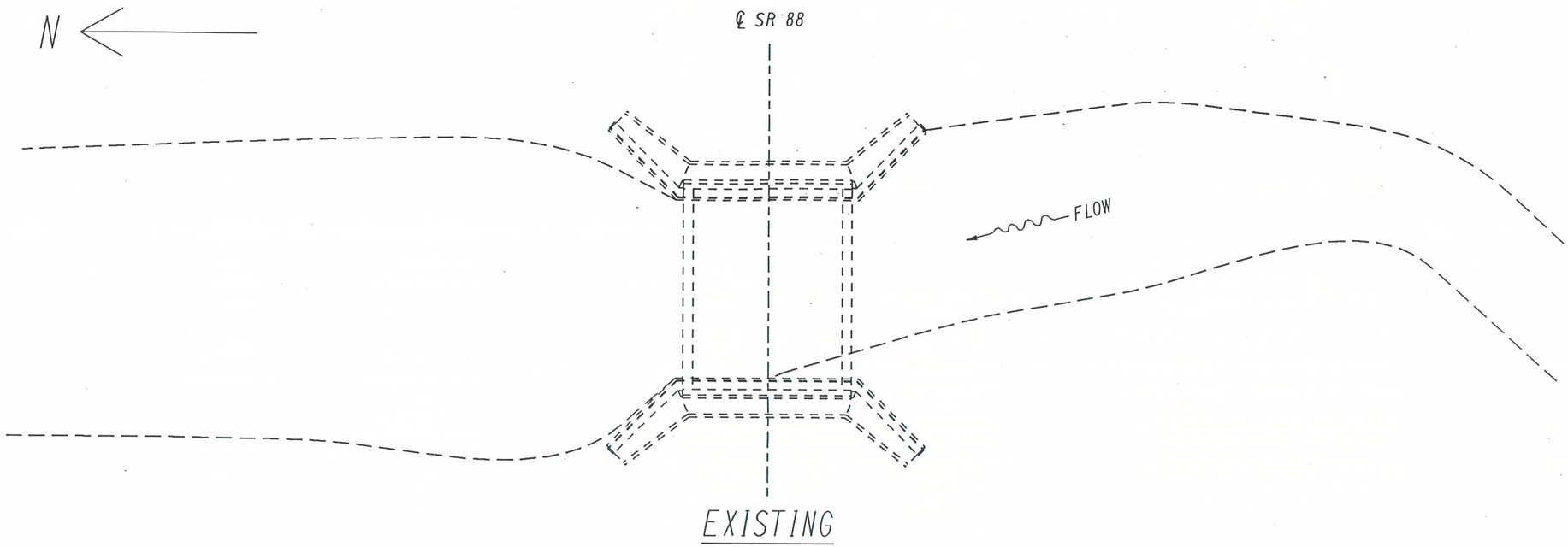

DESIGN AGENCY
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DISTRICT 4 PRODUCTION
STRUCTURES SECTION

DESIGNED	DRAWN	REVIEWED	DATE
TJB	SCB	MCM	10/31/96
CHECKED	REVISED	STRUCTURE FILE NUMBER	

CHANNEL REPAIR
TRU-88-2195

TRU-88-07.03

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