OHIO DEPARTMENT OF TRANSPORTATION

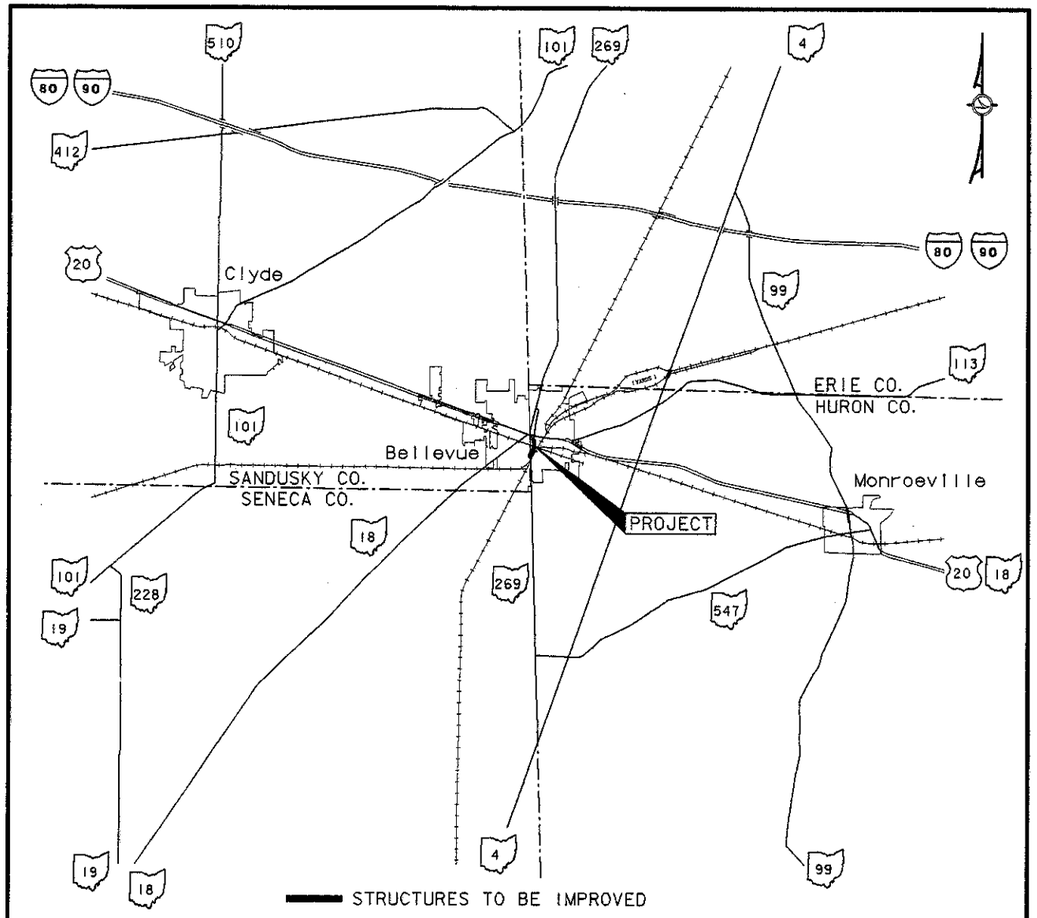
metric units

FEDERAL PROJECT NO. NON-FEDERAL

PID NO. 13020

CONSTRUCTION PROJECT NO.

LOCATION MAP



LATITUDE: N 41° 16' 10"

0 1 2 3 4 5 6 7 8 9 10
SCALE OF KILOMETERS

LONGITUDE: W 82° 50' 25"

TWO WORKING DAYS
BEFORE YOU DIG
CALL 800-362-2764
TOLL FREE
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECTLY

PLANS PREPARED BY:

DISTRICT THREE PRODUCTION DEPARTMENT

HUR-269-10.621

COUNTY	ROUTE	SECTIONS	CITY	VILLAGE
HUR	269	10.621	BELLEVUE	

PROJECT DESCRIPTION:
THE PROPOSED PROJECT INCLUDES OVERLAYING DECK WITH MICRO-SILICA, INSTALLING STRIP SEALS, AND PATCHING PARAPETS.

INDEX OF SHEETS:

1 - TITLE SHEET
2 - GENERAL SUMMARY
3-5 - GENERAL NOTES
6-9 - PLAN VIEWS AND SECTION VIEWS

1997 SPECIFICATIONS

THE STANDARD 1997 SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND THE PROPOSAL SHALL GOVERN THESE IMPROVEMENTS.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THESE IMPROVEMENTS WILL REQUIRE THE CLOSING OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET 5 .

STANDARD DRAWINGS	
EXJ-4-87M	3/20/95
BP-3.1M	10/28/94
TC-41.20M	7/1/94
TC-52.10M	7/29/94
TC-52.20M	7/29/94
MT-99.10M	1/30/95
MT-101.60M	4/25/94
MT-105.10M	4/25/94
MT-105.11M	4/25/94

STANDARD DRAWINGS	

STATE OF OHIO
RONALD D. NUSSBAUM
46400
REGISTERED
PROFESSIONAL ENGINEER

SIGNED Ronald D Nussbaum
DATE 4-8-98

APPROVED DATE 4-8-98 DISTRICT DEPUTY DIRECTOR OF TRANSPORTATION

APPROVED DATE 4-24-98 DIRECTOR, DEPARTMENT OF TRANSPORTATION

HUR-269-10.621 PID# 13020
980533 07/22/98
9PGS DIST. 03

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WORKSTATION ...in DATE: 08 APR 1998

TITLE SHEET

HUR-269-10.621

1/9

GENERAL SUMMARY

metric units

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION
				PAVEMENT
254	01000	152	square meter	PAVEMENT PLANING, BITUMINOUS
407	10000	68	liter	TACK COAT
448	47020	6	cubic meter	38 mm ASPHALT CONCRETE SURFACE COURSE, TYPE I, PG64-22
				STRUCTURE
202	11200	LUMP		PORTIONS OF STRUCTURE REMOVED
511	34400	1	cubic meter	CLASS S CONCRETE SUPERSTRUCTURE
516	10000	58	meter	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (705.11)
516	11211	68	meter	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN
519	11100	4	square meter	PATCHING CONCRETE STRUCTURE
SPECIAL	51922020	2005	square meter	MICRO-SILICA MODIFIED CONCRETE OVERLAY, USING HYDRODEMOLITION (63 MM THICK)
SPECIAL	51922130	35	cubic meter	MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY
SPECIAL	51922134	185	square meter	HAND CHIPPING
SPECIAL	51922200	1	cubic meter	FULL DEPTH REPAIR (MICRO-SILICA)
SPECIAL	51922400	2005	square meter	SURFACE PREPARATION USING HYDRODEMOLITION
				TRAFFIC CONTROL
642	00302	.27	kilometer	CENTER LINE, TYPE 2
				MAINTENANCE OF TRAFFIC
253	02000	25	cubic meter	PAVEMENT REPAIR (75 mm AVG. THICKNESS)
614	13000	25	cubic meter	BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC
616	10000	4	cubic meter	WATER
616	20000	1	metric ton	CALCIUM CHLORIDE
614	11000	LUMP		MAINTAINING TRAFFIC
624	10000	LUMP		MOBILIZATION

DESIGN AGENCY: DISTRICT THREE

DESIGNED	DRAWN	REVISED	DATE
DGM 4-98	CmK	RDN	4-98
CHECKED	REVISED	STRUCTURAL FILE NUMBER	
EJG			

GENERAL SUMMARY

HUR-269-10.62I

2/9

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WORKSTATION: cklein DATE: 08 APR 1998

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATION AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C.M.S. SECTIONS 102.05, 105.02 AND 513.02. THE ORIGINAL CONSTRUCTION PLANS OF THE EXISTING BRIDGE ARE AVAILABLE UPON REQUEST AT THE DISTRICT 3 OFFICE OF THE OHIO DEPARTMENT OF TRANSPORTATION, ASHLAND, OHIO.

CONTRACT BID PRICES SHALL BE BASED UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE-BID EXAMINATION OF THE EXISTING STRUCTURE BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED ON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD.

DESIGN SPECIFICATIONS:

THESE STRUCTURES CONFORM TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 1996, AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA:

CONCRETE CLASS S - COMPRESSIVE STRENGTH 31.0 MPa
STRUCTURAL STEEL - ASTM A 36M - YIELD STRENGTH 250 MPa

UTILITIES:

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

COLUMBIA GAS OF OHIO
166 MILAN AVE.
NORWALK, OH 44857-1146
PHONE (419) 744-5014

OHIO EDISON COMPANY
6326 LAKE AVE.
ELYRIA, OH 44035-4034
PHONE (419) 627-6889

CITY OF BELLEVUE
WATER DEPARTMENT
117 NORTH SANDUSKY STREET
BELLEVUE, OHIO 44811
PHONE (419) 483-3819

GTE OPERATIONS
NORTH AREA
83 TOWNSEND AVE.
NORWALK, OH 44857
PHONE (419) 744-3619

CONTINENTAL CABLEVISION
113 WEST MAIN STREET
BELLEVUE, OHIO 44811
PHONE (419) 424-9988

CITY OF BELLEVUE
SANITARY DEPARTMENT
117 NORTH SANDUSKY STREET
BELLEVUE, OHIO 44811
PHONE (419) 483-7514

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUESTED BY SECTION 153.64 O.R.C.

metric units

CONSTRUCTION NOISE:

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, ANY POWER-OPERATED CONSTRUCTION-TYPE DEVICE SHALL NOT BE OPERATED BETWEEN THE HOURS OF 9:00 PM AND 6:00 AM. IN ADDITION, ANY SUCH DEVICE SHALL NOT BE OPERATED AT ANY TIME IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

PLACING ASPHALT CONCRETE FEATHERING ON BRIDGE APPROACHES:

SPECIAL CARE SHALL BE TAKEN, WHEN PLACING THE ASPHALT CONCRETE FEATHERING TO EFFECT A SMOOTH TRANSITION FROM THE EXISTING APPROACH PAVEMENT TO THE BRIDGE DECK OR APPROACH SLAB. THE CONTRACTOR'S ATTENTION IS CALLED TO SECTION 404.16 OF THE CMS AND TO STANDARD DRAWING BP-3.1M FOR REQUIRED TOLERANCES.

BUTT JOINTS SHALL BE USED ON THIS PROJECT.

ITEM 202 - PORTIONS OF STRUCTURE REMOVED:

THIS ITEM SHALL BE USED AS PER DETAILS IN THE PLAN TO REMOVE CONCRETE FOR THE INSTALLATION OF THE ELASTOMERIC COMPRESSION SEAL AND THE SAFETY CURB CONCRETE FOR THE INSTALLATION OF THE ELASTOMERIC STRIP SEAL.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID LUMP FOR ITEM 202 - PORTIONS OF STRUCTURE REMOVED WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 407 - TACK COAT, 702.13:

THE RATE OF APPLICATION OF THE 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.45 LITERS PER SQUARE METER OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

DESIGN FILE: I:\users\cklein\3020\gnote.dgn
WORKSTATION: cklein DATE: 08 APR 1998

DESIGNED DCM 4-98 | DRAWN CmK | REVIEWED RDM 4-98 | DESIGN AGENCY DISTRICT THREE
CHECKED EJG | REVISED | STRUCTURAL FILE NUMBER

GENERAL NOTES

HUR-269-10.62I

3/9

metric units

ITEM 516 - STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN:

THIS ITEM SHALL CONSIST OF FURNISHING THE NECESSARY MATERIALS AND LABOR TO INSTALL NEW STEEL RETAINERS, 38 mm X 125 mm STEEL BAR, AND STEEL STUDS TO THE LIMITS SPECIFIED IN THE PLANS AND A NEW ELASTOMERIC STRIP SEAL IN THE STEEL RETAINERS AT THE EXPANSION JOINTS INDICATED IN THE PLANS.

THE RETAINERS AND BARS SHALL NOT BE PAINTED. SHOP DRAWINGS ARE NOT REQUIRED.

SEE STANDARD DRAWING EXJ-4-87M (SHEET 5/5) FOR ADDITIONAL NOTES.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER METER FOR ITEM 516 - STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN, WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM SPECIAL- MICRO-SILICA MODIFIED CONCRETE OVERLAY, USING HYDRODEMOLITION (63 MM THICK):

ITEM SPECIAL- MICRO-SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY:

THESE ITEMS SHALL BE USED AT LOCATIONS INDICATED IN THE PLAN.

SEE THE PROPOSAL NOTE (BRIDGE DECK REPAIR AND OVERLAY WITH MICRO SILICA CONCRETE USING HYDRODEMOLITION).

THE COARSE AGGREGATE SHALL BE LIMESTONE.

THE JOINTS SHALL BE SEALED AS PER THE PROPOSAL NOTE.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER SQUARE METER OR CUBIC METER FOR THE ABOVE ITEMS WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

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WORKSTATION: cklein DATE: 08 APR 1998

DESIGN AGENCY
DISTRICT THREE

DESIGNED	DRAWN	REVIEWED	DATE
DCM 4-98	CmK	RDN	4-98
CHECKED	REVISED	STRUCTURAL FILE NUMBER	
EJG			

GENERAL NOTES

HUR-269-10.621

metric units

CALCULATED ECM CHECKED EJG

MAINTENANCE OF TRAFFIC

DETOUR LIMITATION AND INTERIM COMPLETION DATE

TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 45. CONSECUTIVE CALENDAR DAYS, THROUGH TRAFFIC WILL BE DETOURED AS SHOWN ON THIS SHEET.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE HURON COUNTY ENGINEER IN WRITING A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF THE ANTICIPATED DATE FOR CLOSING THE ROAD.

FOR EACH CALENDAR DAY BEYOND THE 45 CONSECUTIVE CALENDAR DAYS THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC, THE CONTRACTOR WILL BE ASSESSED LIQUIDATED DAMAGES AS PER SECTION 108.17 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS.

THE CONTRACTOR WILL PROVIDE, INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE THE DETOUR SIGNING, AS SHOWN ON THE DETOUR MAP.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE GATES AND BARRICADES (AT THE APPROXIMATE WORK LIMITS OF THE PROJECT) AND THE ADVANCE WARNING SIGNS AS SHOWN ON STANDARD CONSTRUCTION DRAWING MT-101.60M.

ACCESS TO LOCAL PROPERTY OWNERS SHALL BE MAINTAINED AT ALL TIMES.

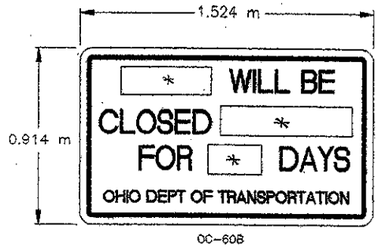
PERMANENT CENTERLINE PAVEMENT MARKINGS MUST BE IN PLACE PRIOR TO OPENING THE ROADWAY TO TRAFFIC.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE ERECTED ON THE RIGHT HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE LOCATED IN THE FIELD SO AS NOT TO INTERFERE WITH ANY PERMANENT SIGNS. ON THIS PROJECT THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE.

PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC AND SHALL INCLUDE FURNISHING, ERECTING, MAINTAINING AND REMOVING THE SIGNS INCLUDING SUPPORTS.



* CONTRACTOR TO FILL IN THE INFORMATION

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER AND CALCIUM CHLORIDE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

616, WATER 4 CUBIC METER

616, CALCIUM CHLORIDE 1 METRIC TON

DESIGNATED LOCAL MAINTENANCE ROUTE

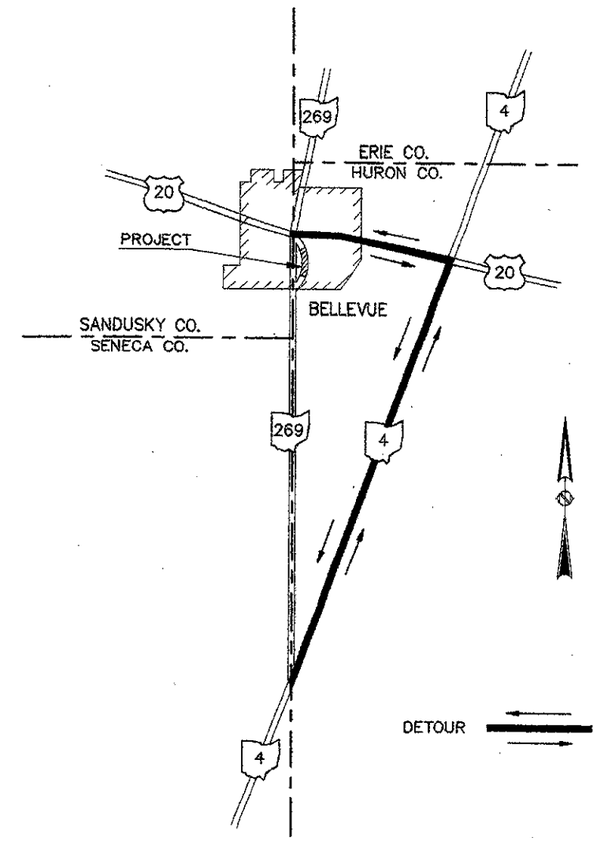
A LOCAL MAINTENANCE ROUTE, OTHER THAN THE OFFICIAL SIGNED ODOT DETOUR ROUTE, WILL BE DESIGNATED BY AGREEMENT BETWEEN ODOT AND LOCAL GOVERNMENTAL AGENCIES PRIOR TO THE HIGHWAY CLOSURE.

DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL MAINTENANCE ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DIRECTED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL MAINTENANCE ROUTE:

ITEM 614, BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC 25 CU. M.

ITEM 253, PAVEMENT REPAIR (75 mm AVG. THICKNESS) 25 CU. M.



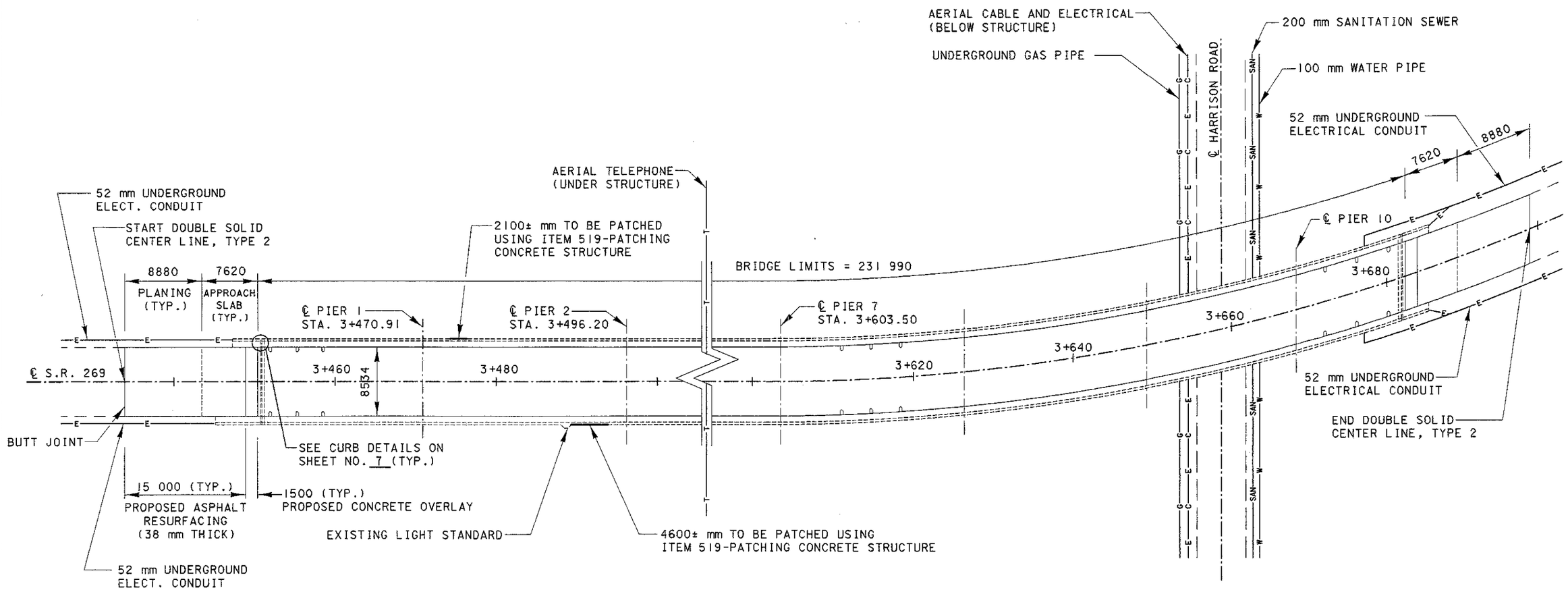
DETOUR MAP

GENERAL NOTES

HUR-269-10.62 I

5/9

metric units



PLAN VIEW

NOTES:

1) THE ENTIRE BRIDGE DECK (BETWEEN THE CURBS), THE TOP OF THE BACK-WALLS, AND 1500 mm OF THE APPROACH SLABS SHALL BE OVERLAYED WITH MICRO-SILICA MODIFIED CONCRETE
3) THE EXISTING GUARDRAIL IS NOT SHOWN
4) SEE SHEETS NO. 7,8,9 FOR SECTION VIEWS AND CURB DETAILS

ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS NOTED OTHERWISE

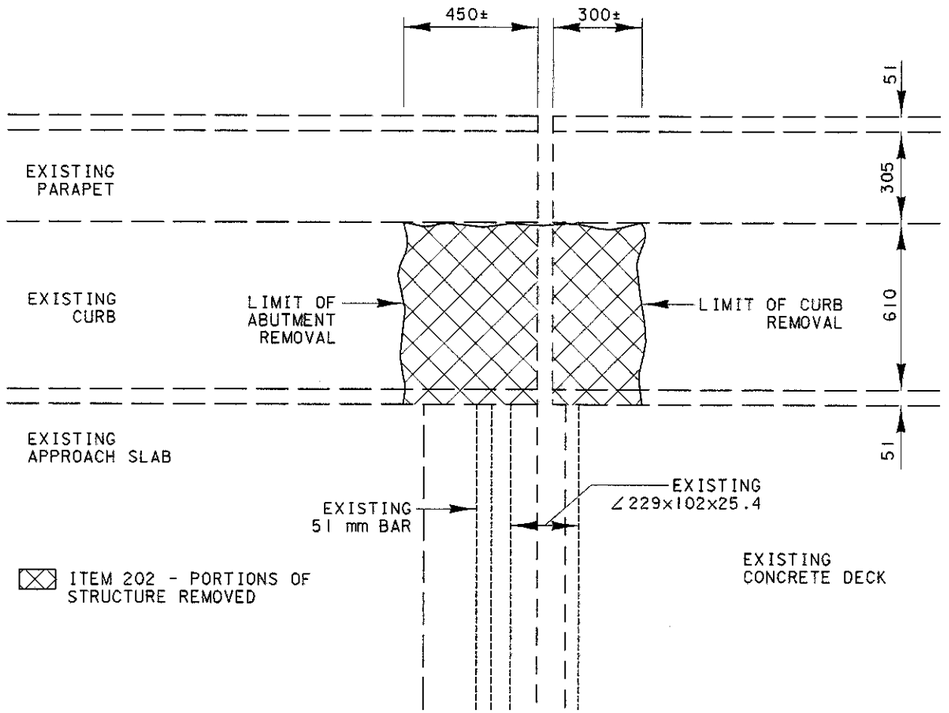
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WORKSTATION: ckleln DATE: 07 APR 1998

DESIGN AGENCY: DISTRICT THREE
DESIGNED CmK 4-98
DRAWN CmK
REVIEWED RDW 4/98
CHECKED EJG
REVISED
STRUCTURAL FILE NUMBER 3904024

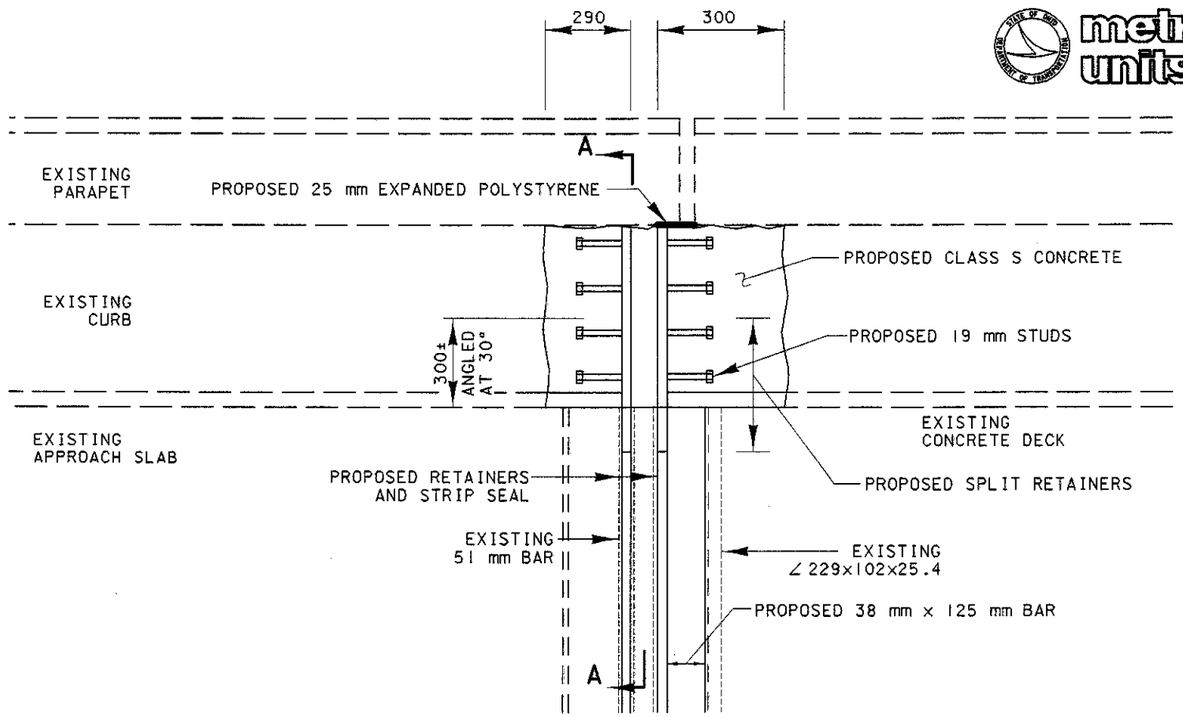
GENERAL PLAN
HUR-269-10621 S.L.K. HUR-269-0660 S.L.M.

HUR-269-10.621

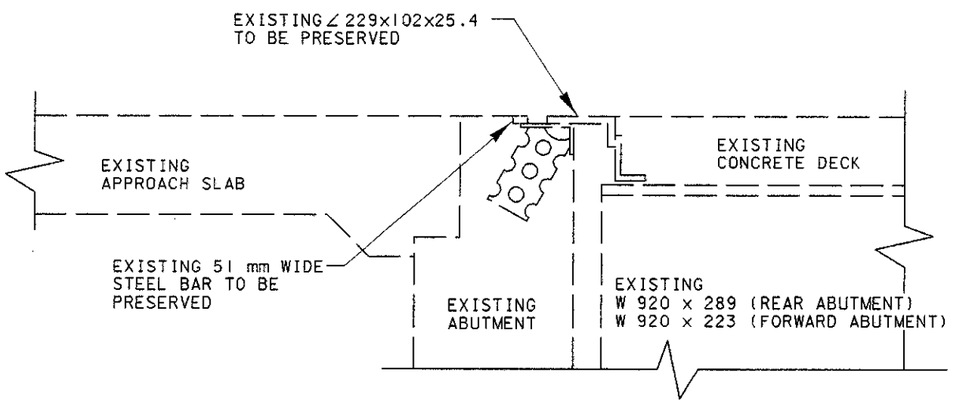
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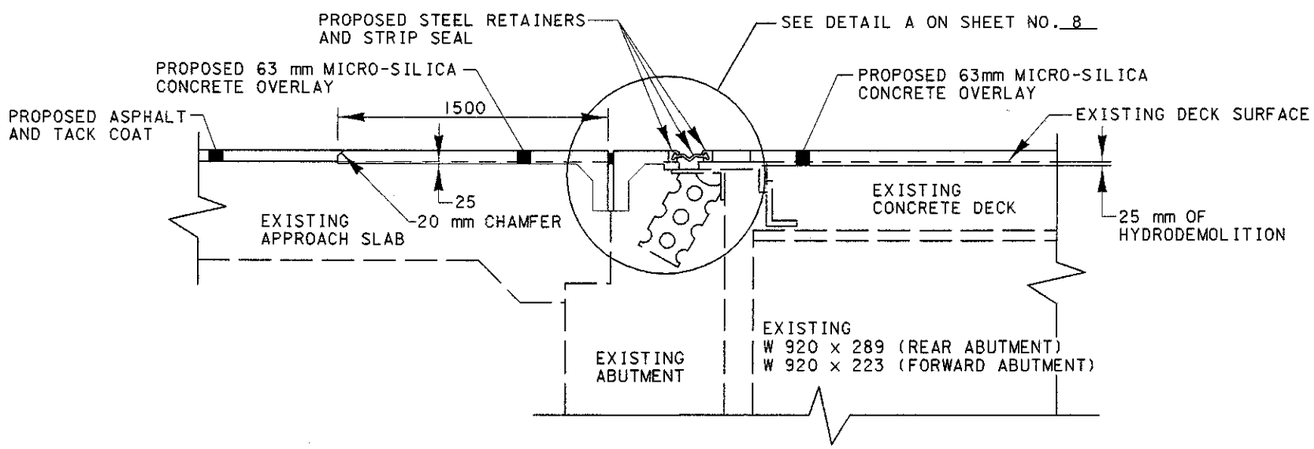
EXISTING PLAN VIEW AT CURB



PROPOSED PLAN VIEW AT CURB



EXISTING SECTION VIEW



PROPOSED SECTION VIEW

NOTES:

1) THE CURB DETAILS ARE TO BE USED AT ALL FOUR CORNERS OF THE STRUCTURE

2) SEE SHEET NO. 8 FOR SECTION A-A AND DETAIL A

3) THE EXISTING REINFORCING BARS ARE TO BE PRESERVED. THE REINFORCING BARS SHALL BE TRIMMED ONLY AS REQUIRED TO INCORPORATE THE PROPOSED DETAILS. INCLUDE ALL NECESSARY TRIMMING OF REINFORCING BARS IN ITEM 202 - PORTIONS OF STRUCTURE REMOVED

ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS NOTED OTHERWISE

metric units

DESIGN AGENCY: DISTRICT THREE

DESIGNED	DRAWN	REVIEWED	DATE
CmK	CmK	RDW	4-98
CHECKED	REVISED	STRUCTURAL FILE NUMBER	
EJG		3904024	

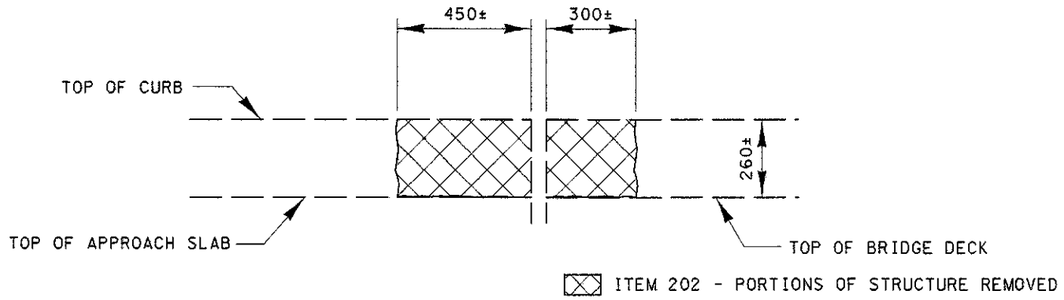
TYPICAL SECTIONS

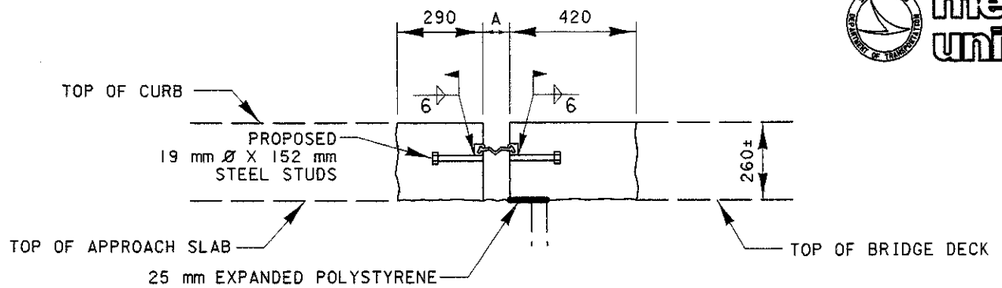
HUR-269-10621 S.L.K. HUR-269-0660 S.L.M.

HUR-269-10.621

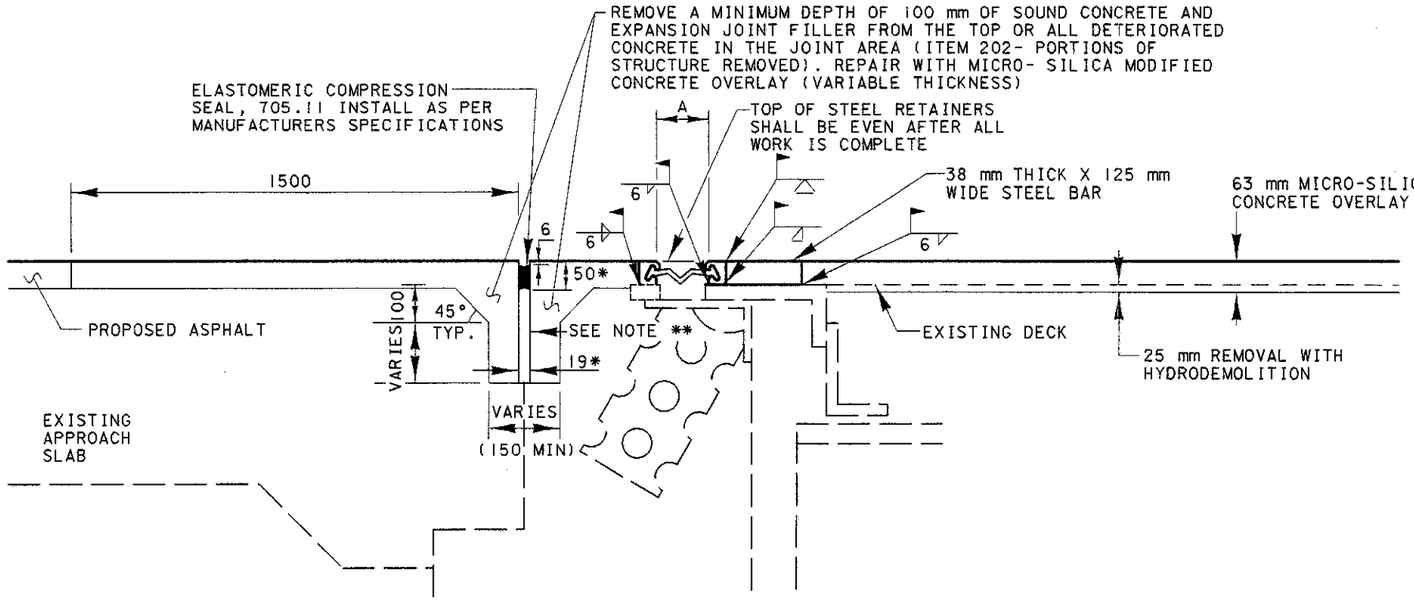
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WORKSTATIO cklein DATE: 08 APR 1998





EXISTING SECTION VIEW LOOKING INTO CURB



DETAIL A

PROPOSED SECTION VIEW LOOKING INTO CURB

NOTE:
THE COMPRESSION SEAL SHALL BE ONE CONTINUOUS PIECE AND SHALL SEAL THE JOINT THE FULL WIDTH OF THE APPROACH SLAB

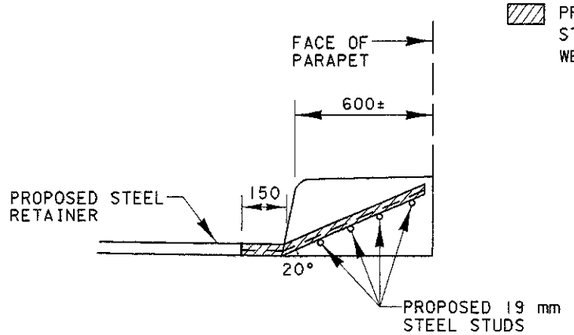
* DIMENSIONS ARE FOR WATSON BOWMAN ACME INC. WJ-125, STRUCTURAL ACCESSORIES SA1250 OR D.S. BROWN H-1250. USE ANY OF THE ABOVE OR APPROVED EQUAL AS PER 705.11.

** GLUE 13 mm EXPANDED POLYSTYRENE BETWEEN TWO PIECES OF 3 mm MASONITE, INSTALL TOTAL DEPTH OF REPAIRED AREA. THE MASONITE AND POLYSTYRENE SHALL BE IN PLACE BEFORE ANY CONCRETE IS PLACED; AND SHALL BE BELOW THE FINAL ROADWAY GRADE TO FACILITATE FINISHING OF THE CONCRETE ON BOTH SIDES OF THE JOINT.

IF THE CONCRETE ON BOTH SIDES OF THE JOINT IS NOT FINISHED TO THE SAME HEIGHT, THE JOINT SURFACE SHALL BE GROUND SMOOTH AS DIRECTED BY THE ENGINEER.

SAW OUT ENOUGH MASONITE AND POLYSTYRENE TO INSTALL THE COMPRESSION SEAL AFTER THE JOINT HAS BEEN REPAIRED.

PAYMENT FOR ALL MATERIALS, EXCEPT CONCRETE, AND LABOR TO REPAIR THE JOINT AS PER DETAILS ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE BID PER METER OF ITEM 516- PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (705.11)



SECTION A-A

TABLE FOR DIMENSION A

TEMPERATURE (°C)	0	5	10	15	20	25	30	35
"A" (mm)	51	46	42	37	32	28	23	19

NOTES:

1) THE CURB DETAILS ARE TO BE USED AT ALL FOUR CORNERS OF THE STRUCTURE

2) ALL MATERIALS, EXCEPT PROPOSED CONCRETE, AND LABOR REQUIRED TO PERFORM THE WORK SHOWN IN DETAIL A IS INCLUDED IN ITEM 516 - STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN

3) THE EXISTING REINFORCING BARS ARE TO BE PRESERVED. THE REINFORCING BARS SHALL BE TRIMMED ONLY AS REQUIRED TO INCORPORATE THE PROPOSED DETAILS. COST OF TRIMMING OF REINFORCING BARS SHALL BE INCLUDED IN ITEM 516 - STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN

ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS NOTED OTHERWISE

metric units

DESIGN AGENCY: DISTRICT THREE
DATE REVIEWED: 4-98 RDN
STRUCTURAL FILE NUMBER: 3904024
DRAWN: CmK
REVISED:
DESIGNED: CmK
CHECKED: EJG

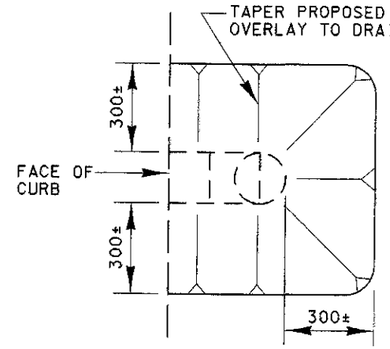
TYPICAL SECTIONS
HUR-269-1062I S.L.K. HUR-269-0660 S.L.M.

HUR-269-10.62I

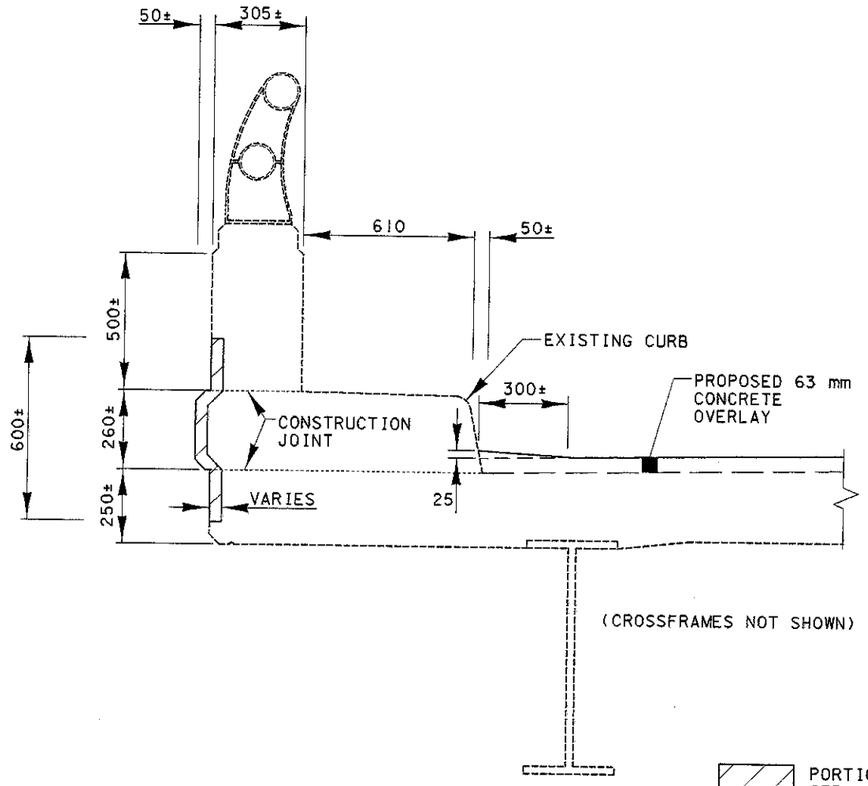
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DESIGN FILE: \users\cklein\V3020\mtsd.dgn
WORKSTATION: cklein DATE: 08 APR 1998

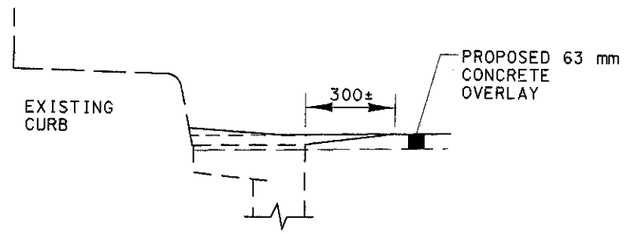
metric units



PARTIAL PLAN
VIEW AT SCUPPER



TYPICAL SECTION
VIEW AT CURB



SECTION VIEW AT CURB
(AT SCUPPER)

PORTIONS OF STRUCTURE TO BE PATCHED USING
ITEM 519 - PATCHING CONCRETE STRUCTURE
(SEE SHEET NO. 6 FOR LOCATIONS)

ALL DIMENSIONS ARE IN MILLIMETERS,
UNLESS NOTED OTHERWISE

DESIGN FILE: i:\users\cklein\3020\misc1.dgn
WORKSTAT ckleln DATE: 08 APR 1998

DESIGN AGENCY: DISTRICT THREE

DESIGNED CmK	DRAWN CmK	REVIEWED RDW	DATE 4-98
CHECKED EJG	REVISED	STRUCTURAL FILE NUMBER 390402 4	

TYPICAL SECTIONS
HUR-269-10621 S.L.K. HUR-269-0660 S.L.M.

HUR-269-10.621