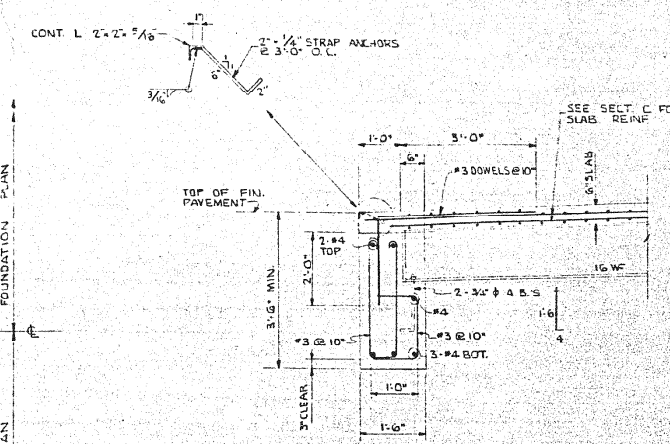
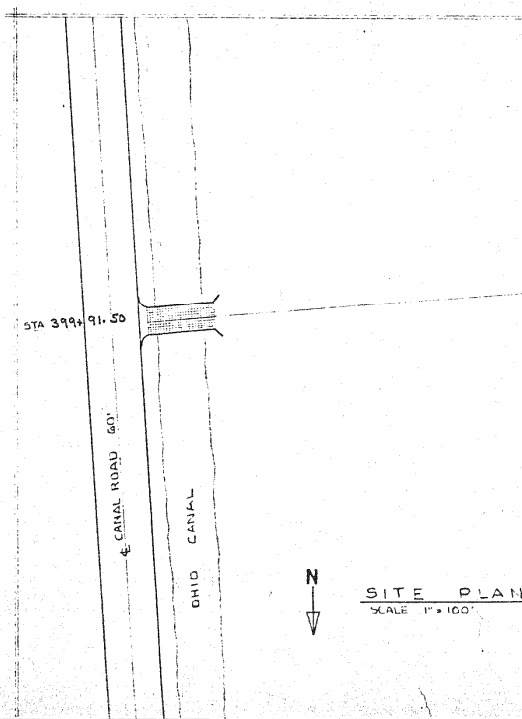
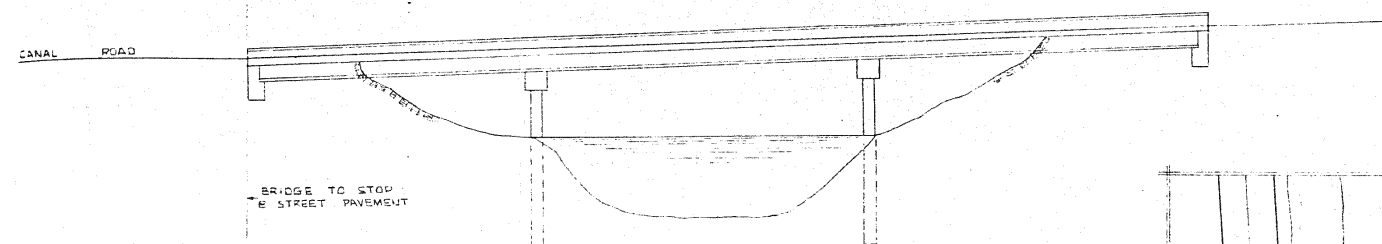
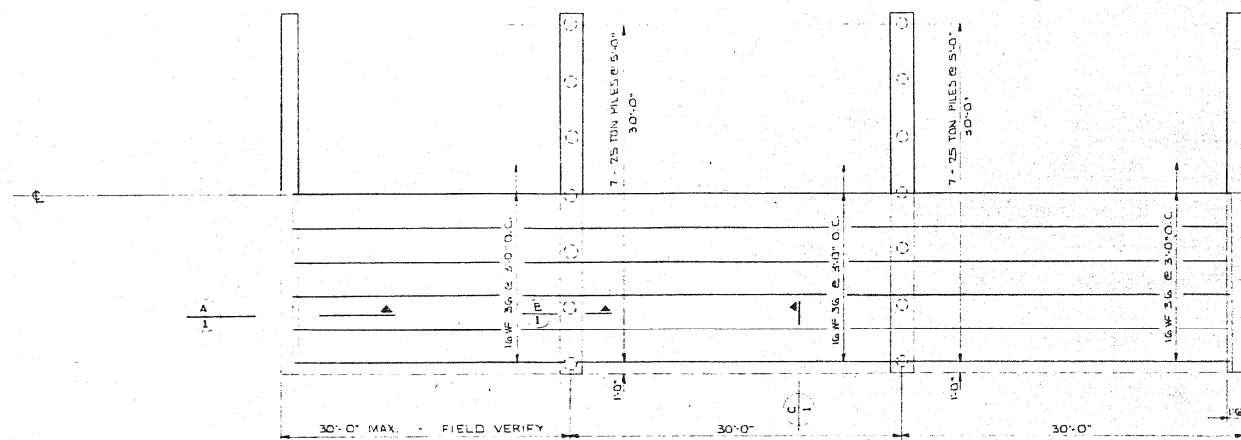
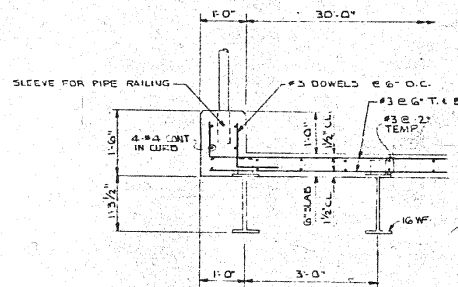


ORIGINAL CONSTRUCTION PLANS (1965)

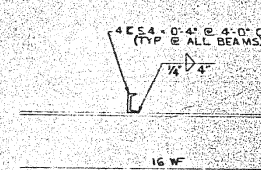


SECTION A
SCALE: 1/2" = 1'-0"

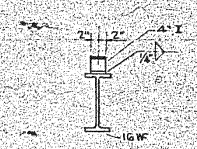
SECTION B
SCALE: 1/2" = 1'-0"



SECTION C
SCALE: 1/2" = 1'-0"



DETAIL 1
SCALE: 1/2" = 1'-0"



DETAIL 2
SCALE: 1/2" = 1'-0"

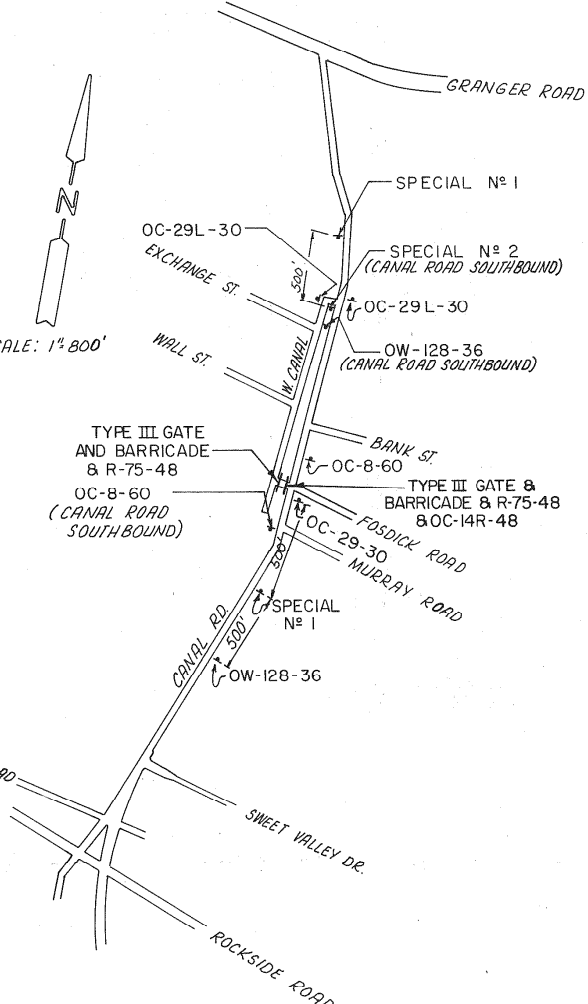
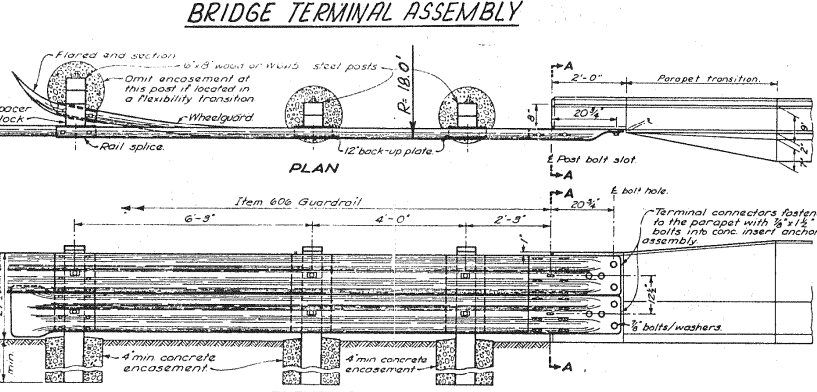
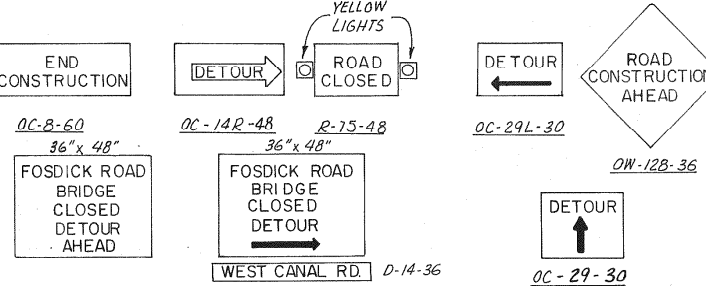
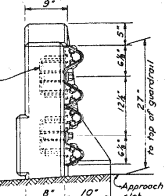
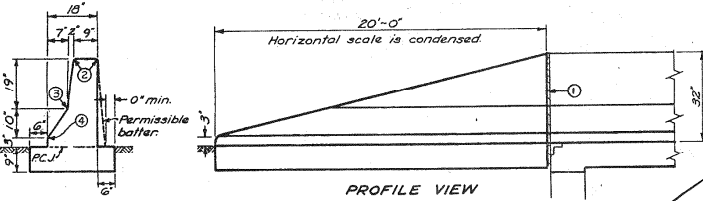
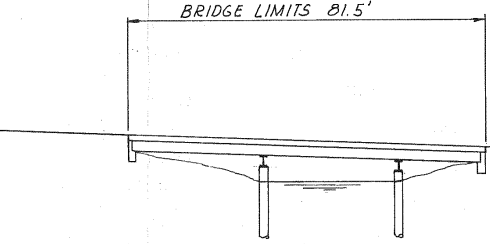
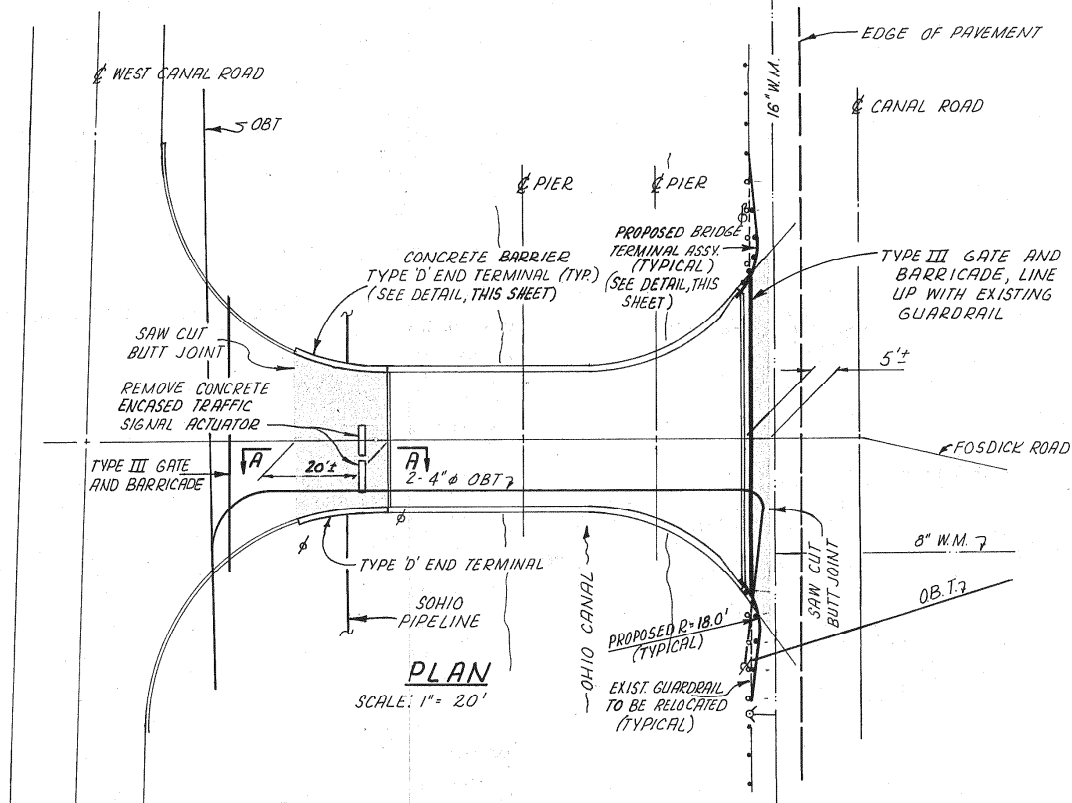
PLANS & DETAILS
FOSDICK BRIDGE
OVER
THE OHIO CANAL

DESIGNED BY
TRACED BY
CHECKED BY

SCALE: AS SHOWN

ENGINEER

MAJOR REHABILITATION PLANS (1987)



DESIGN SPECIFICATIONS

THE REPAIRS TO THIS STRUCTURE INCLUDED IN THESE DRAWINGS CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, INCLUDING THE 1983, 1984 AND 1985 INTERIM SPECIFICATIONS AND THE OHIO "SUPPLEMENT" TO THESE SPECIFICATIONS.

DESIGN LOADING

DESIGN LOADING

CONCRETE CLASS S

REINFORCING STEEL

DECK PROTECTION METHOD

MONOLITHIC WEARING SURFACE

MONOLITHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES TO BE 1" THICK.

EXISTING STRUCTURE VERIFICATION

TAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND/OR FROM FIELD OBSERVATIONS 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 CMS SECTIONS 102.05, 105.02 AND 513.02.

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

REMOVAL OF EXISTING STRUCTURE

WHEN NO LONGER NEEDED TO MAINTAIN TRAFFIC A PORTION OF THE EXISTING STRUCTURE SHALL BE REMOVED TO THE LIMITS SHOWN ON THE DRAWINGS.

UTILITY LINES

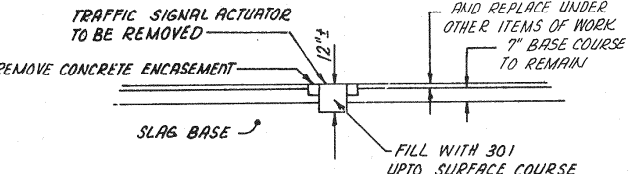
ALL EXPENSE INVOLVED IN RELOCATING (INSTALLING) THE AFFECTED UTILITY LINES SHALL BE BORNE BY THE UTILITY COMPANY. THE CONTRACTOR AND UTILITY COMPANY ARE REQUESTED TO COOPERATE BY ARRANGING THEIR WORK IN SUCH A MANNER THAT INCONVENIENCE TO EITHER WILL BE HELD TO A MINIMUM.

MAINTENANCE OF TRAFFIC

GENERALLY THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AS TO MAKE THE PROPOSED REPAIR WITH A MINIMUM OF HAZARD, DELAY, AND INCONVENIENCE TO THE MOTORISTS USING THE ROADWAYS AFFECTED BY THE WORK UNDER THIS CONTRACT. THE SPECIFIC DETAILS SHOWN ON THESE PLANS ARE INTENDED TO SUPPLEMENT THE REQUIREMENTS OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

BRIDGE DECK ELEVATIONS

IN ORDER TO MEET ROADWAY GRADES, TO ASSURE THE CONSTRUCTION OF THE REQUIRED THICKNESS OF DECK SLABS AND TO ASSURE THE PROPER LOCATION OF THE REINFORCING STEEL IN THE DECK SLAB: THE CONTRACTOR SHALL OBTAIN THE ELEVATIONS OF THE TOP OF EXISTING STEEL BEAMS AFTER THE COMPLETE REMOVAL OF THE EXISTING DECK SLAB AT THE LOCATIONS SHOWN IN THE SCREED ELEVATIONS DETAIL ON SHEET 3 OF 3. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE TOP OF BEAM ELEVATIONS. SCREED PAVEMENT ELEVATIONS SHALL BE CALCULATED AT THIS TIME BY THE ENGINEER. THESE CALCULATED SCREED PAVEMENT ELEVATIONS WILL BE GIVEN TO THE CONTRACTOR AND USED TO SET SCREEDS FOR POURING THE NEW CONCRETE DECK.



SECTION A-A

ALL WORK AND MATERIALS TO BE INCLUDED WITH
ITEM SPECIAL "REMOVE TRAFFIC SIGNAL ACTUATOR,
REPAIR PAVEMENT"

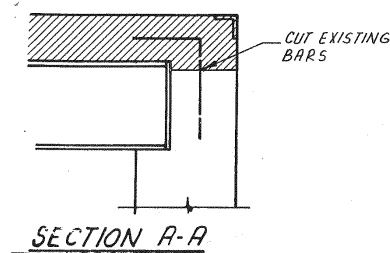
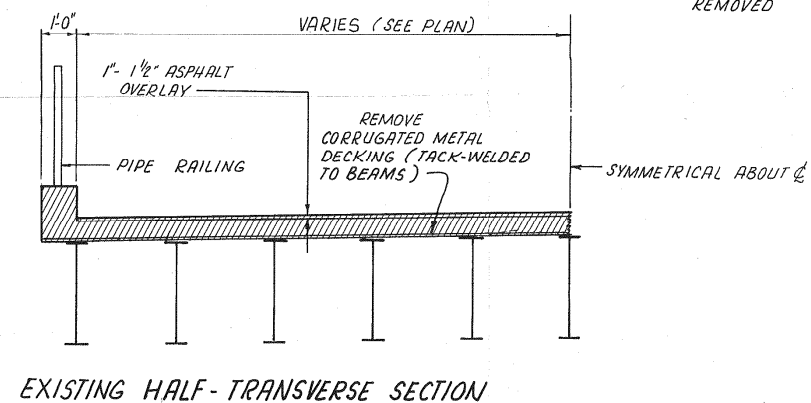
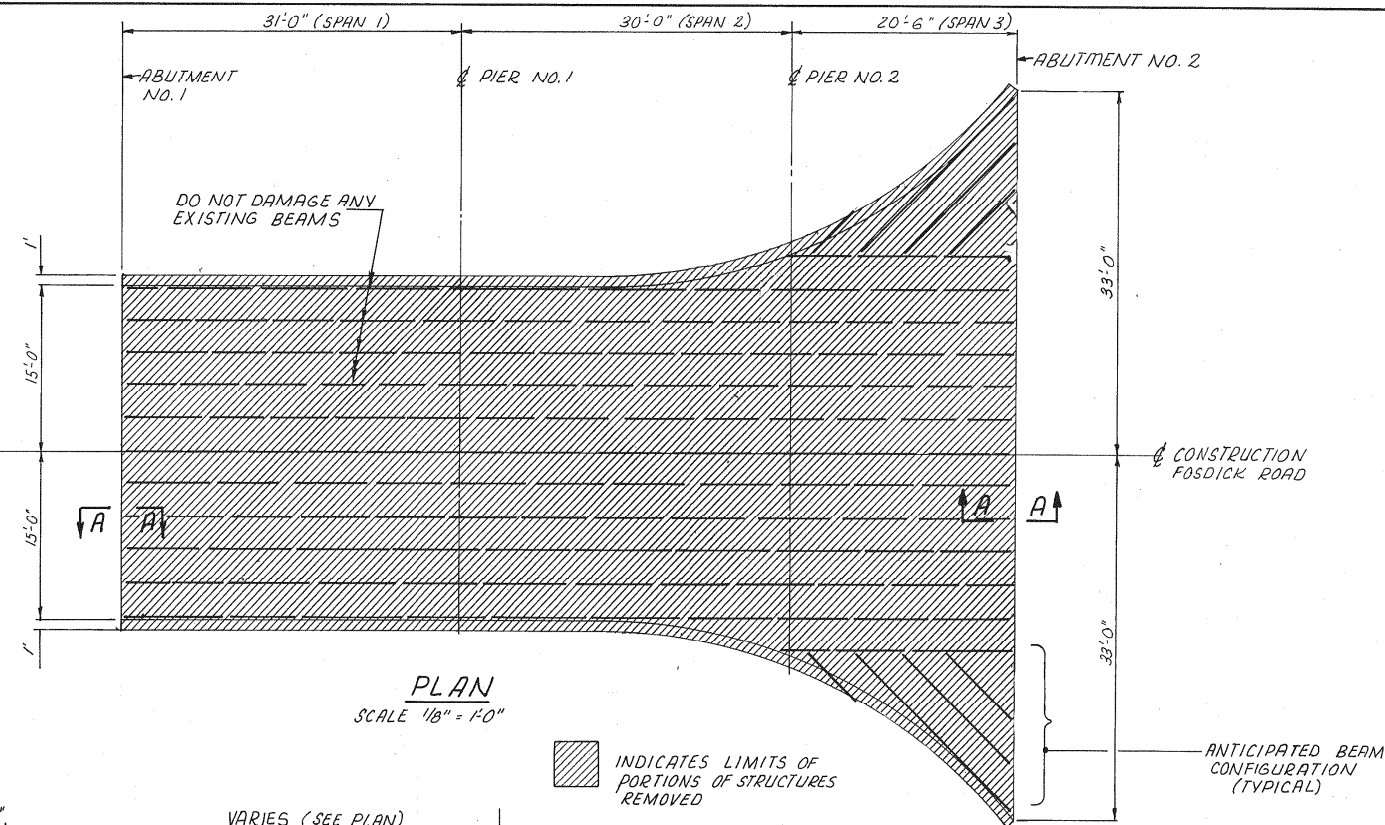
adache - ciuni - lynn associates
CONSULTING ENGINEERS CLEVELAND, OHIO 44131

SITE PLAN ~ GENERAL NOTES
AND DETOUR PLAN

FOSDICK ROAD
OVER
OHIO CANAL

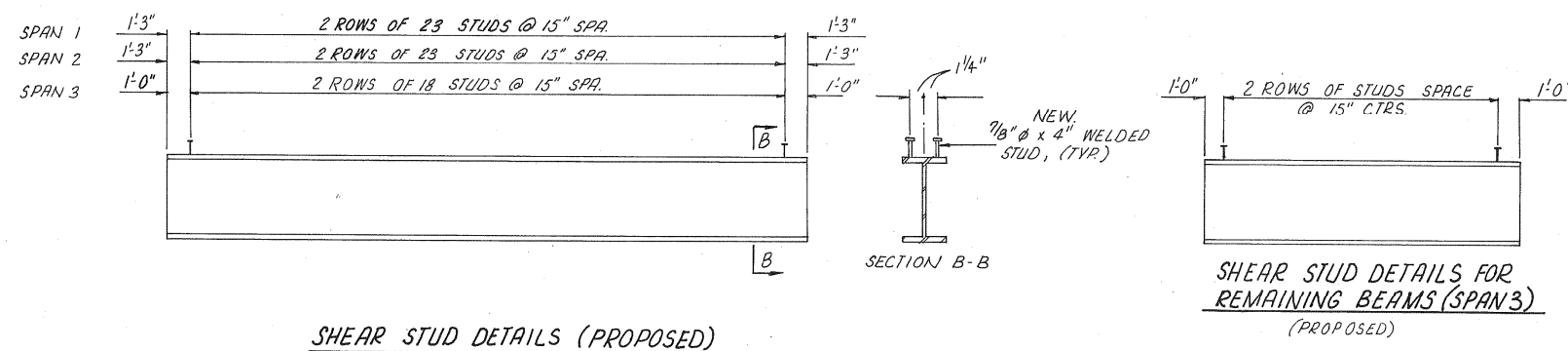
DESIGNED	DRAWN	CHECKED	REVIEWED	DATE	REVISED
DRJ	DRJ	J.R.C.	R.D.H.	12-22-86	

MAJOR REHABILITATION PLANS (1987)

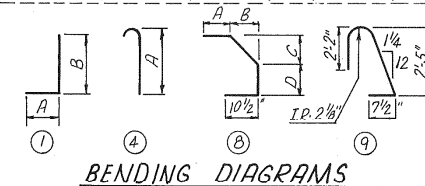


DEMOLITION DETAILS

IT IS NOT THE INTENT OF THE DEMOLITION PLAN TO SHOW EVERY DETAIL OF THE EXISTING STRUCTURE. ONLY THOSE DETAILS NECESSARY TO INDICATE LIMITS OF REMOVAL ARE INCLUDED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT THE STRUCTURE AND VERIFY EXISTING CONDITIONS TO HIS OWN SATISFACTION.



MARK	NUMBER REQUIRED	LENGTH FT IN	TYPE	DIM A FT IN	DIM B FT IN	DIM C FT IN	DIM D FT IN	INCREMENT FT IN	WEIGHT (LBS.)
SUPERSTRUCTURE EPOXY COATED									
SE 501	124	32 8	STR						4225
SE 502	4 SER. 20 BARS	17 2	STR					1 13/16	1554
SE 503	4 SER. 15 BARS	20 5	STR					5 13/16	1489
SE 504	4 SER. 11 BARS	27 11	STR					11 11/16	1505
SE 505	4	36 5	STR						152
SE 506	108	2 1	STR	0 10	1 4				235
SE 507	108	3 0	STR	0 9	0 6	0 3	0 8		338
SE 508	108	5 3	STR						591
SE 509	2 SER. 5 BARS	2 8	STR	0 7	0 2	0 3	0 8	1	30
SE 510	22	3 6	STR	1 0	2 7				80
SE 511	8	14 6	STR						121
SE 512	64	7 0	STR						467
SE 513	8	10 2	STR						85
SE 514	106	2 3	STR	1 0	1 4				249
SE 515	16	4 4	STR						72
SE 516	10	2 8	STR	2 1					28
TOTAL WEIGHT									11221
SE 401	158	30 0	STR						3166
SE 402	67	23 8	STR						1059
SE 403	2	27 6	STR						37
SE 404	2	23 0	STR						31
SE 405	2 SER. 3 BARS	17 0	STR					2 5	58
SE 406	2 SER. 3 BARS	10 3	STR					1 7	35
SE 407	2 SER. 3 BARS	4 5	STR					1 1	13
SE 408	2	24 6	STR						33
SE 409	2	20 5	STR						27
SE 410	2	5 8	STR						8
SE 411	2 SER. 3 BARS	19 8	STR					2 5	69
SE 412	2 SER. 3 BARS	12 11	STR					1 7	45
SE 413	2 SER. 3 BARS	8 3	STR					1 2	28
SE 414	48	12 6	STR						401
SE 415	2 SER. 4 BARS	4 10	STR					5/16	18
TOTAL WEIGHT									5028



adache - ciuni - lynn associates					
CONSULTING ENGINEERS CLEVELAND, OHIO 44131					
DEMOLITION PLAN, REINFORCING SCHEDULE, AND MISCELLANEOUS DETAILS					
FOSDICK ROAD OVER OHIO CANAL					
DESIGNED	DRAWN	CHECKED	REVIEWED	DATE	REVISED
J.R.C.	DRJ	J.R.C.	R.D.H.	12-22-86	

MAJOR REHABILITATION PLANS (1987)

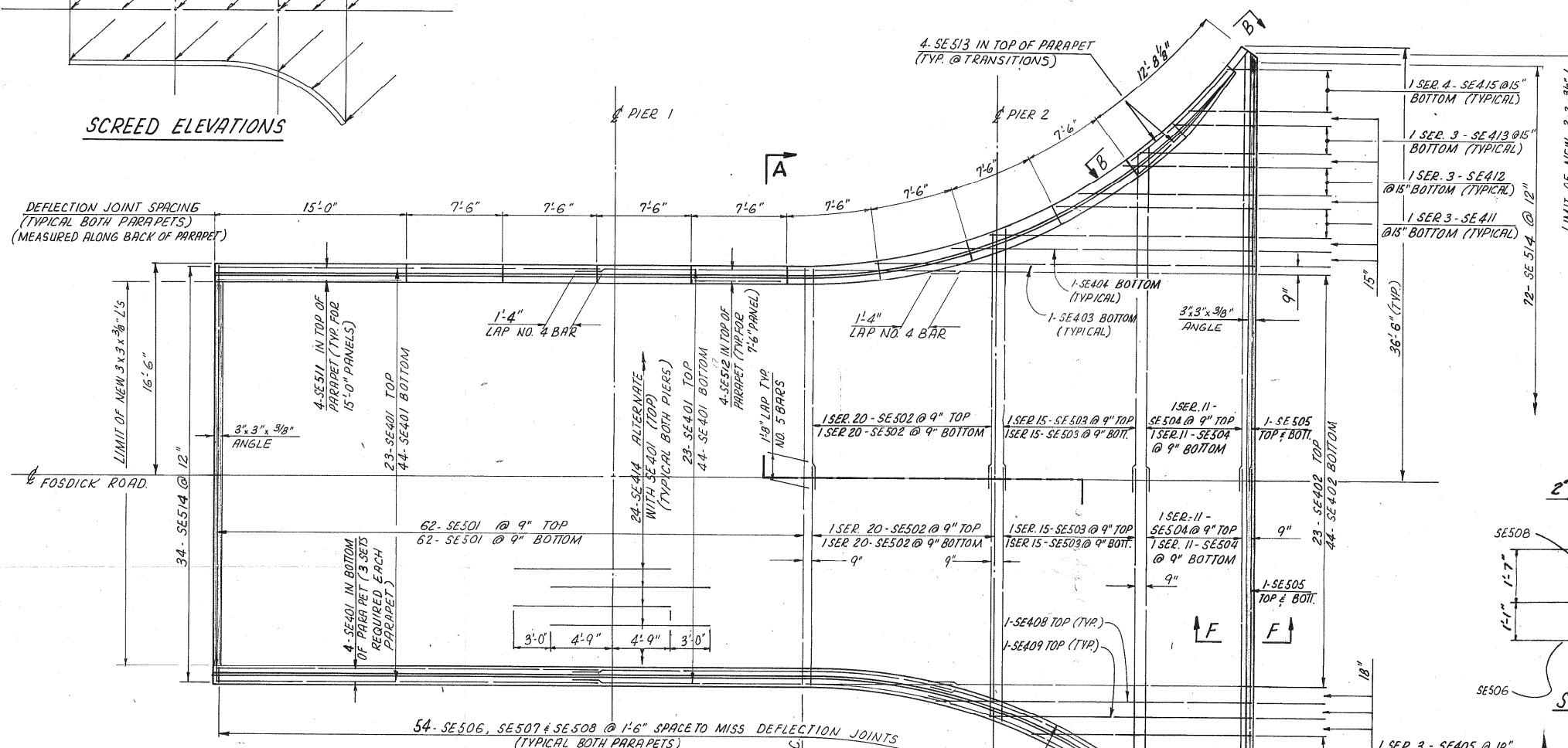
CALC. _____
DATE _____
CHKD. _____
DATE _____

OHIO
F.H.W.A.
REGION 5



SCREED ELEVATIONS

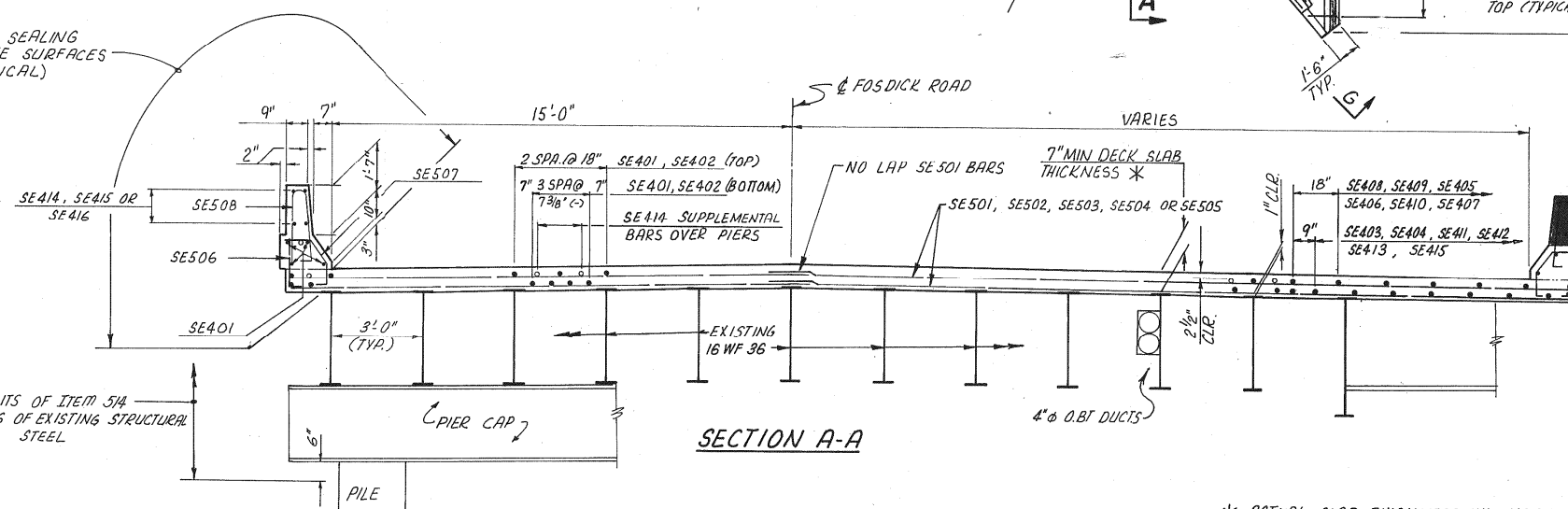
DEFLECTION JOINT SPACING
(TYPICAL BOTH PARAPETS)
(MEASURED ALONG BACK OF PARAPET)



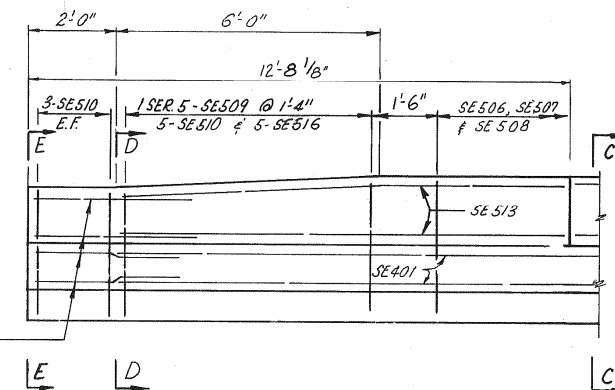
SLAB PLAN
(N.T.S.)

ITEM SPECIAL, SEALING OF CONCRETE SURFACES: A CONCRETE SEALER EITHER SILANE OR AN EPOXY SEALER, SHALL BE APPLIED TO THE CONCRETE SURFACES SHOWN ON THE TRANSVERSE SECTION. SEE THE SPECIFICATIONS FOR SURFACE PREPARATION REQUIREMENTS, APPLICATION RATES, MATERIAL REQUIREMENTS AND APPLICATION PROCEDURES

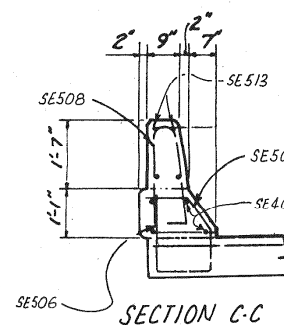
LIMITS OF SEALING
CONCRETE SURFACES
(TYPICAL)



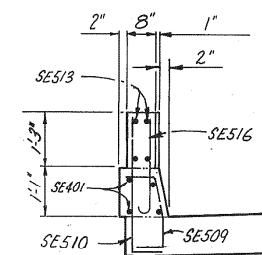
SECTION A-A



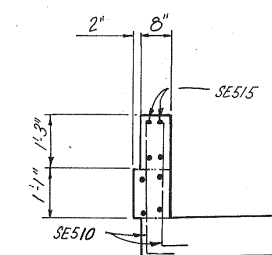
VIEW B-B
(VIEW G-G OPPOSITE)



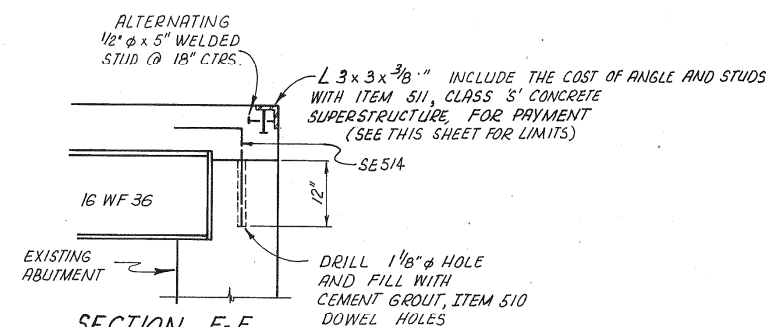
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F

PREFORMED EXPANSION JOINT FILLER IN THE PARAPET DEFLECTION JOINTS, MAY BE EITHER 1/4\" GREY SPONGE RUBBER OR 1/4\" GREY CELLULAR POLYVINYL CHLORIDE (PVC) SPONGE. IF RUBBER IS USED, IT SHALL MEET THE REQUIREMENTS OF AASHTO M-153 (INCLUDE WITH ITEM 511, CLASS 'S' CONCRETE SUPERSTRUCTURE, FOR PAYMENT)

* ACTUAL SLAB THICKNESS WILL VARY AS DETERMINED BY SCREED ELEVATIONS. (SEE GENERAL NOTES)

adache - ciuni - lynn associates					
CONSULTING ENGINEERS CLEVELAND, OHIO 44131					
SUPER STRUCTURE DETAILS					
FOSDICK ROAD OVER OHIO CANAL					
DESIGNED	DRAWN	CHECKED	REVIEWED	DATE	REVISED
J.R.C.	DRJ	J.R.C.	R.D.H.	12-22-86	