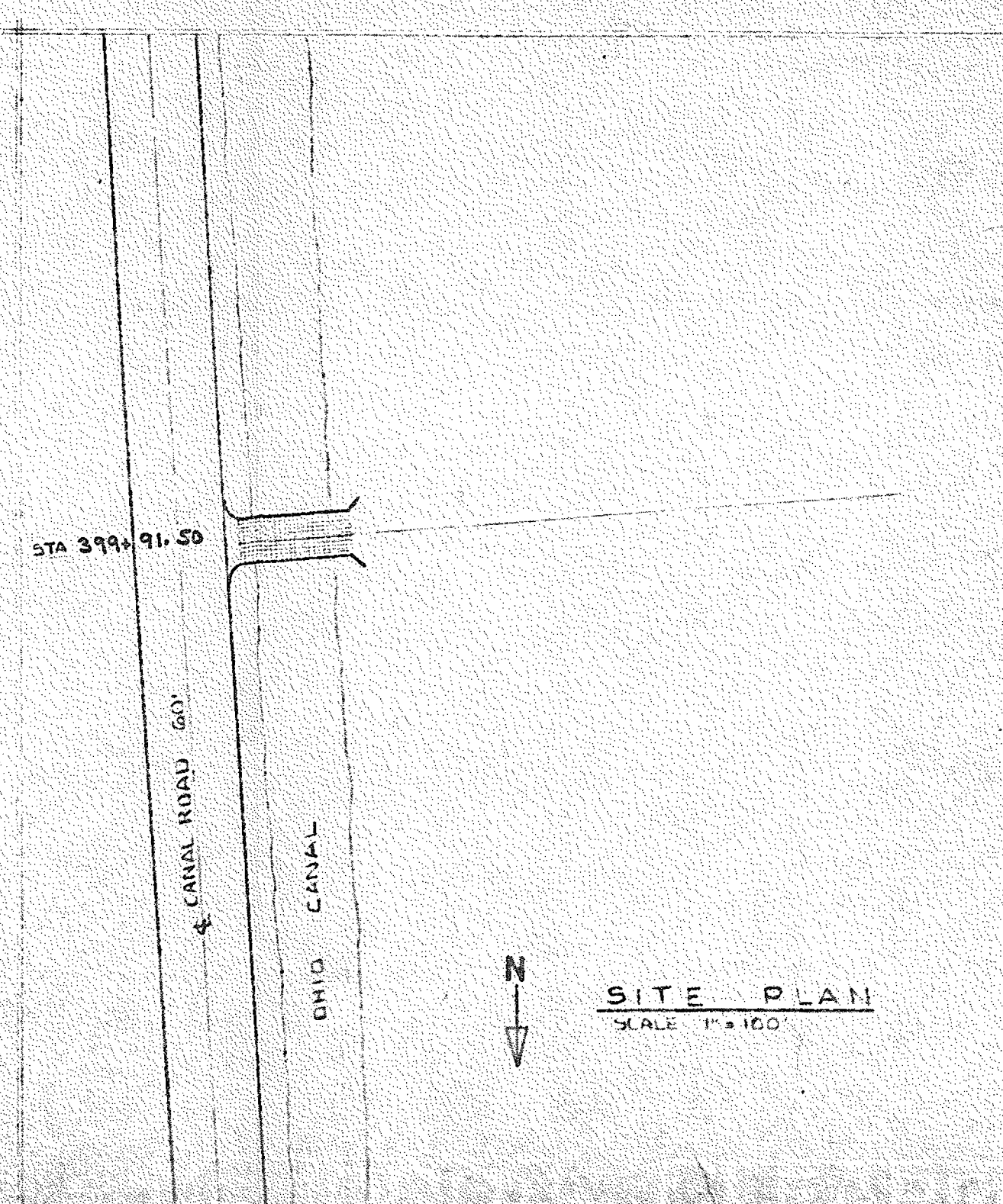
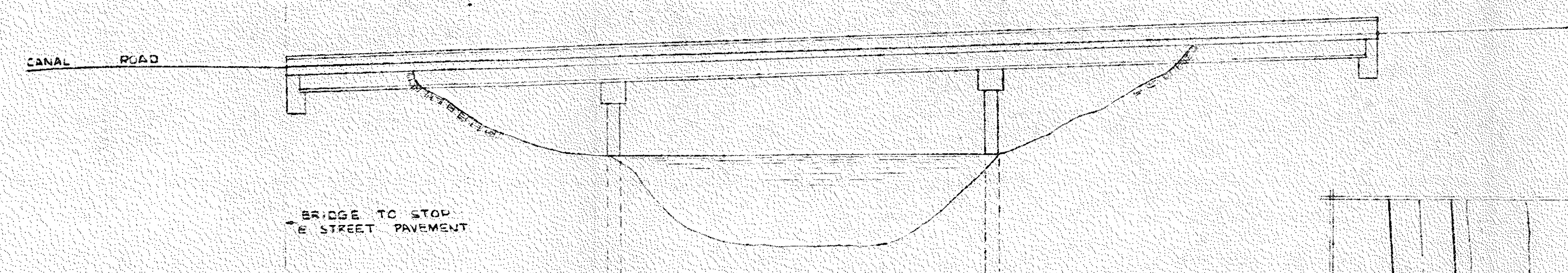
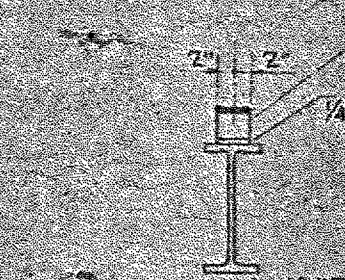
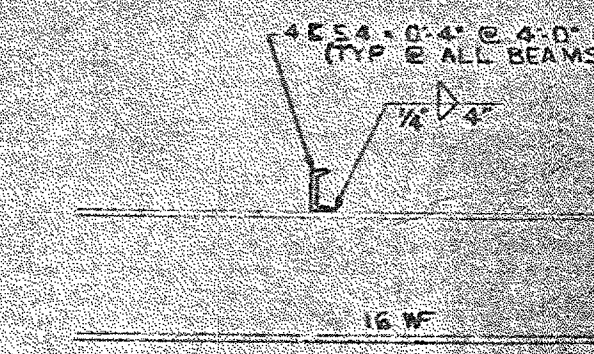
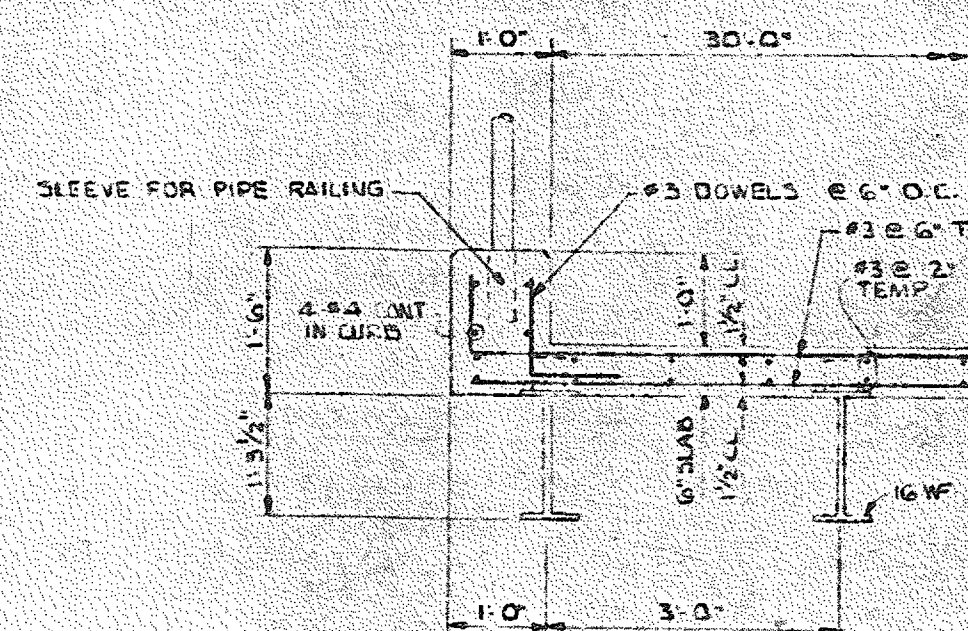
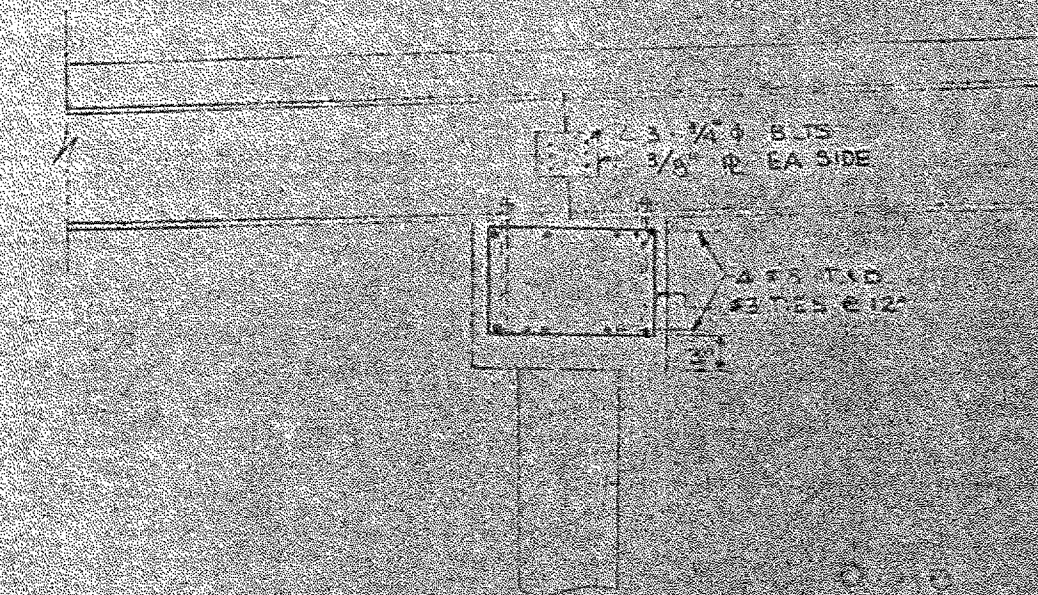
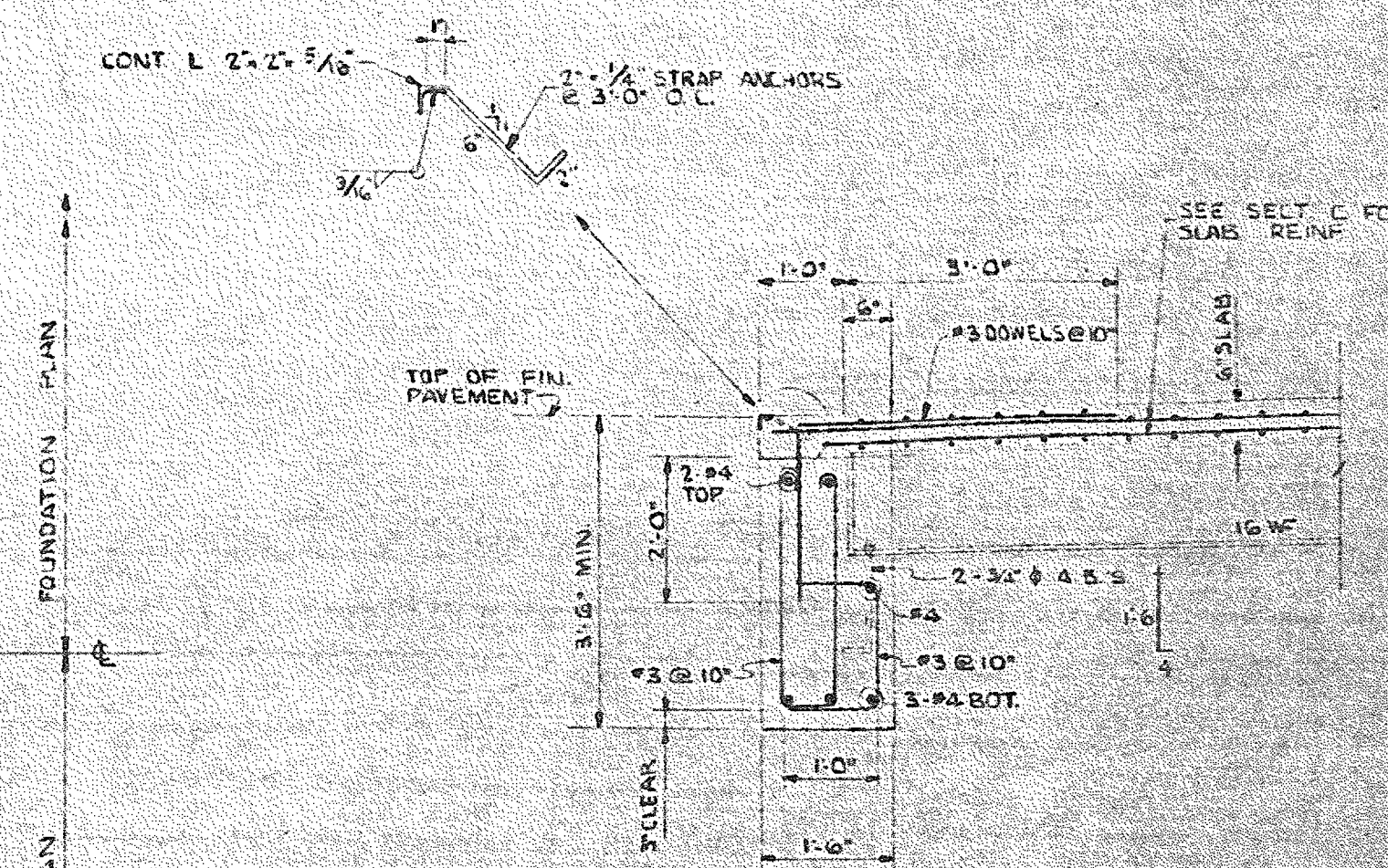
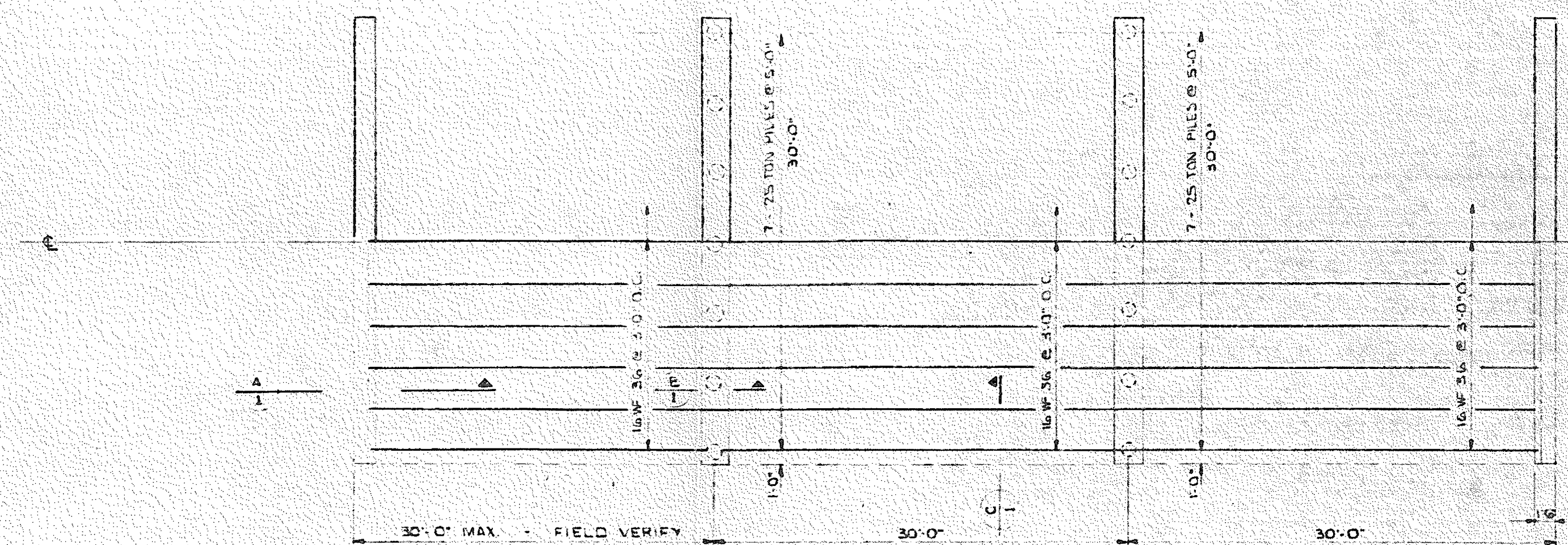




DESIGNED BY
 TRACED BY
 CHECKED BY

SCALE: AS SHOWN

PLANS & DETAILS
 FOSDICK BRIDGE
 OVER
 THE OHIO CANAL

ENGINEER

GENERAL NOTES

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 HS20-44
 CONCRETE CLASS 5 COMPRESSIVE STRENGTH 4500 P.S.I.
 REINFORCING STEEL ASTM A615, A616, A617 - GRADE 60 MINIMUM YIELD STRENGTH 60,000 P.S.I.
 DECK PROTECTION METHOD EPOXY COATED REINFORCING STEEL, BOTH MATS

MONOLITHIC WEARING SURFACE

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

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/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.

2 1/2" SURFACE COURSE, REMOVE AND REPLACE UNDER OTHER ITEMS OF WORK
 7" BASE COURSE TO REMAIN
 FILL WITH 301 UPTO SURFACE COURSE

SECTION A-A

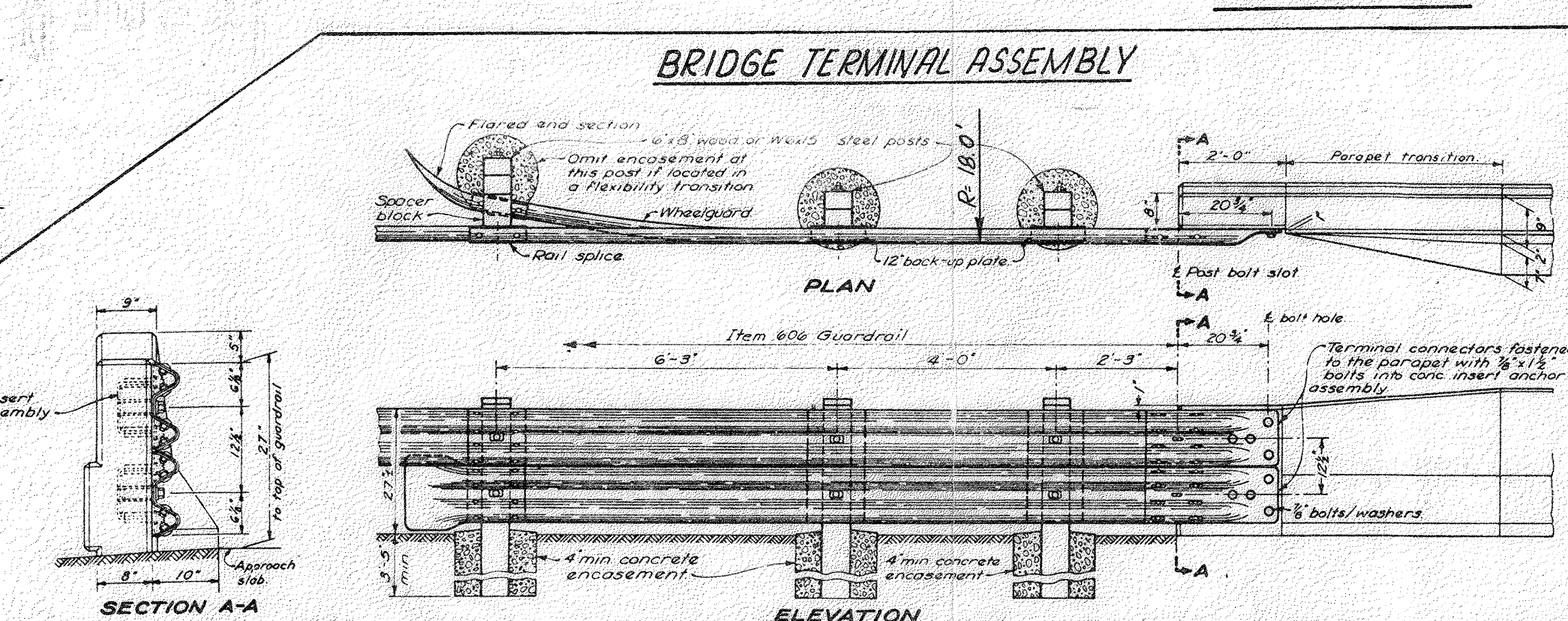
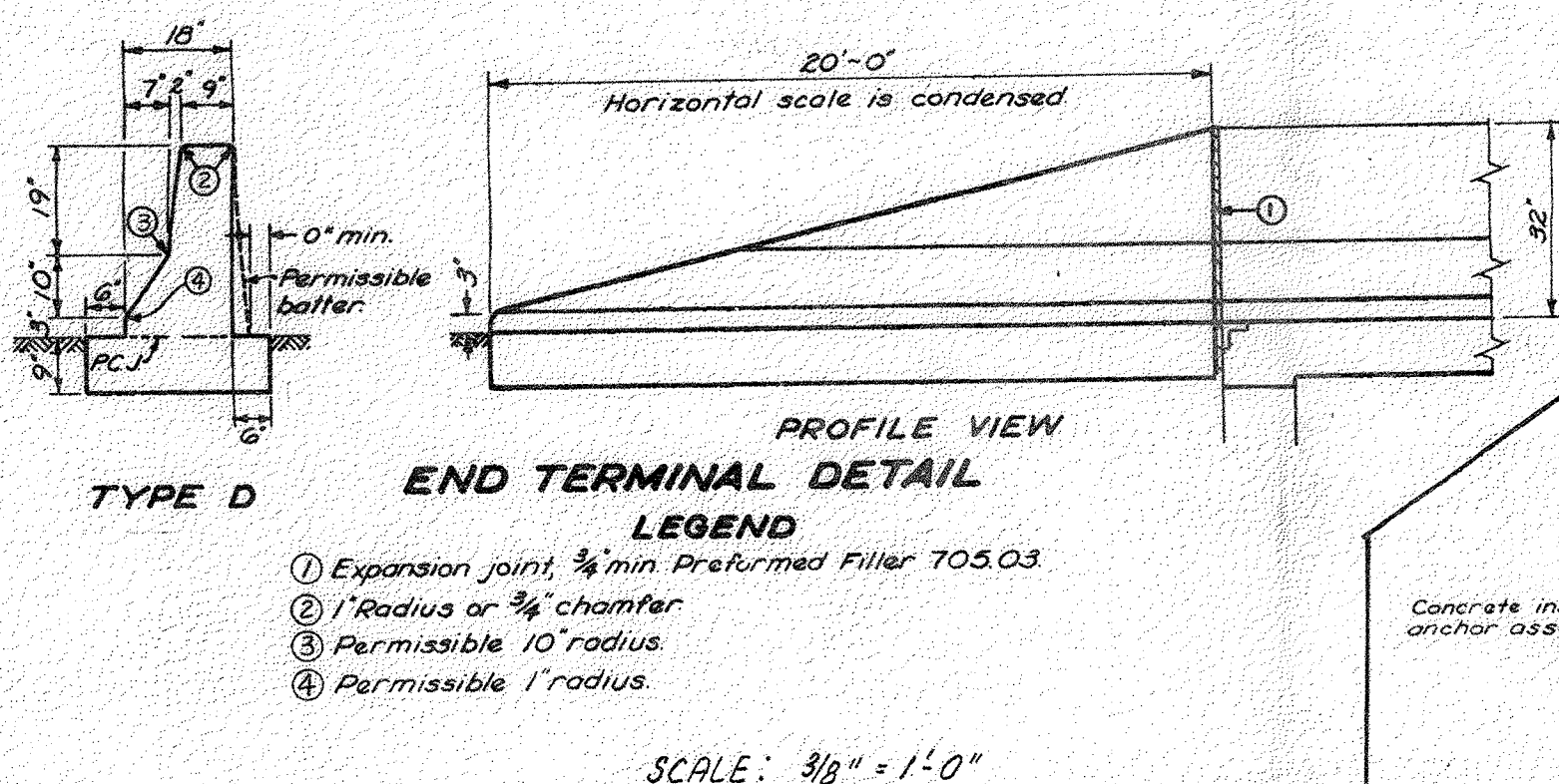
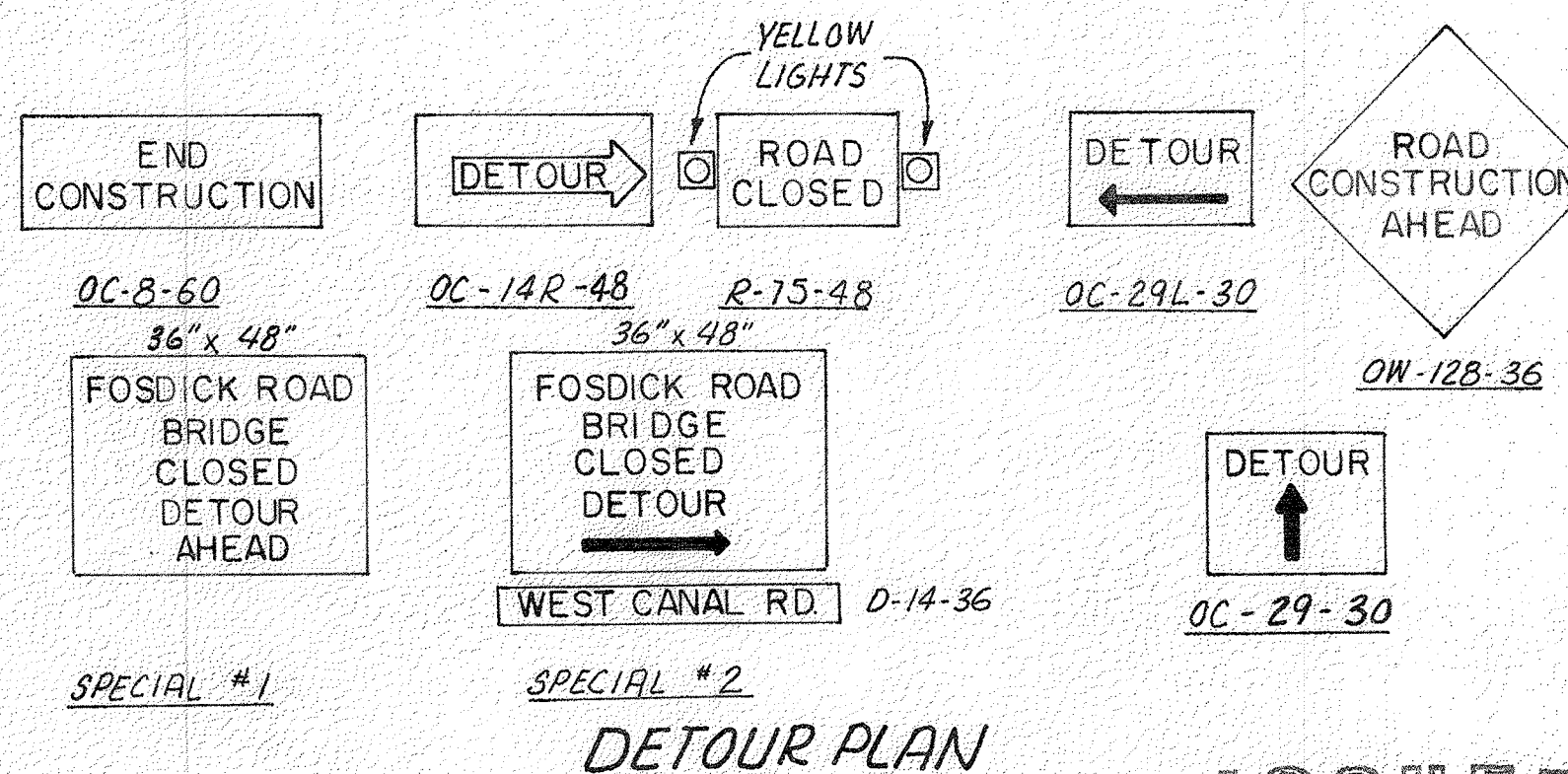
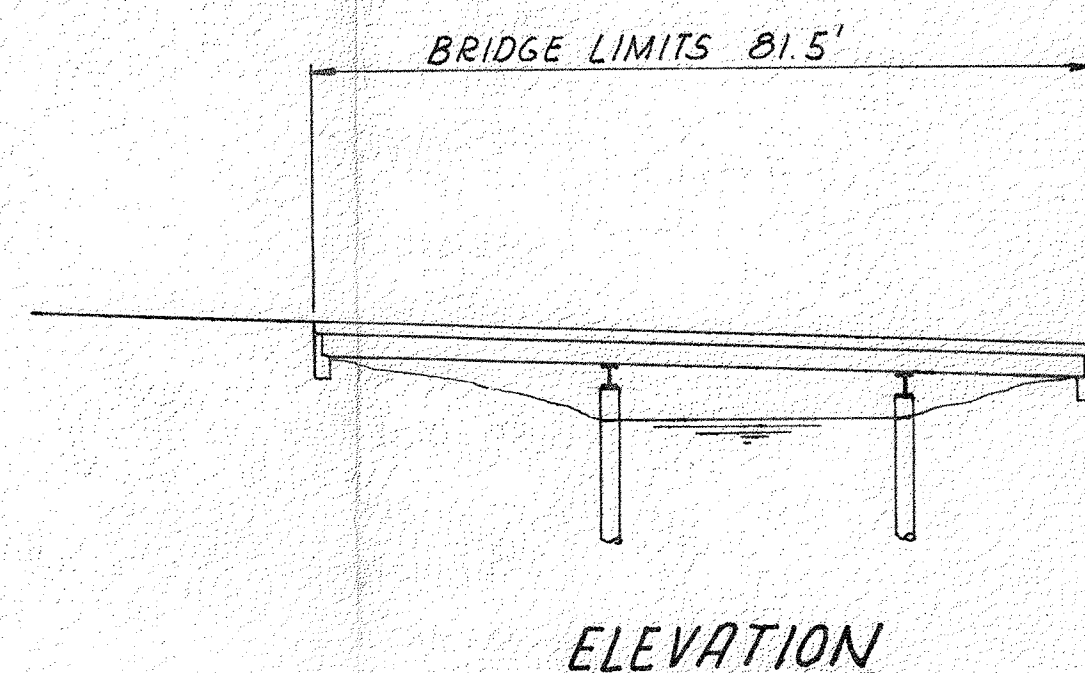
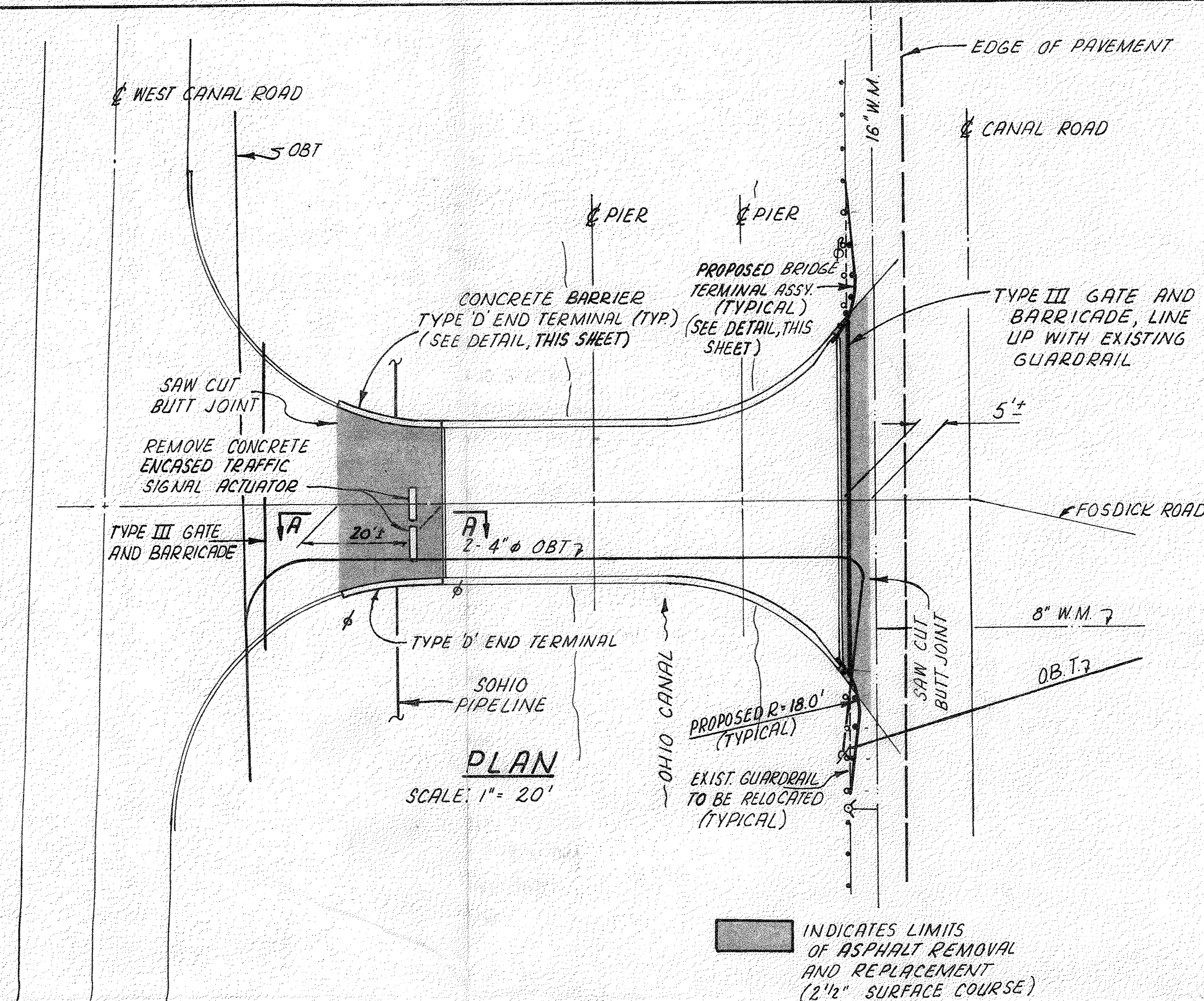
ALL WORK AND MATERIALS TO BE INCLUDED WITH ITEM SPECIAL "REMOVE TRAFFIC SIGNAL ACTUATOR, REPAIR PAVEMENT"

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

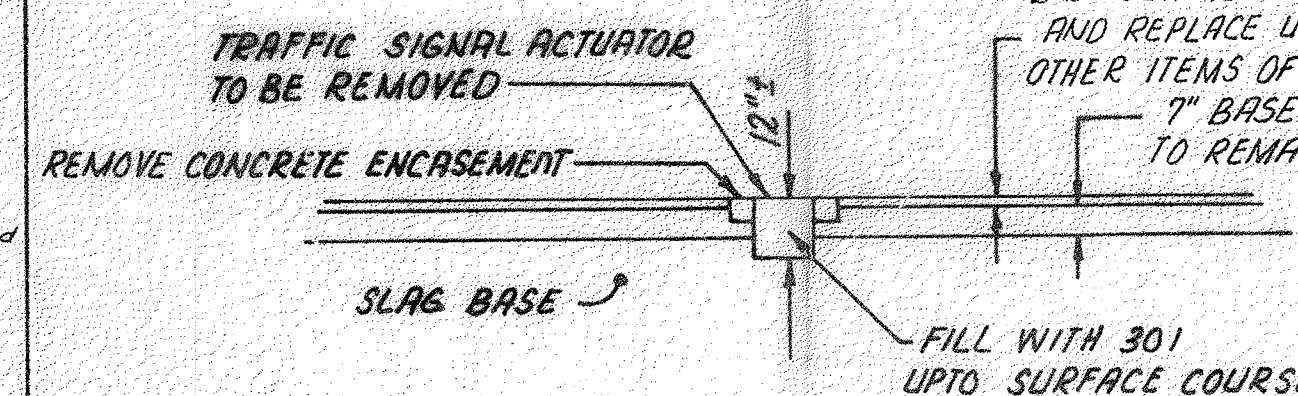
SITE PLAN - GENERAL NOTES
 AND DETOUR PLAN

FOSDICK ROAD
 OVER
 OHIO CANAL

DESIGNED	DRAWN	CHECKED	REVIEWED	DATE	REVISED
DRJ	DRJ	J.R.C.	R.D.H.	12-22-84	

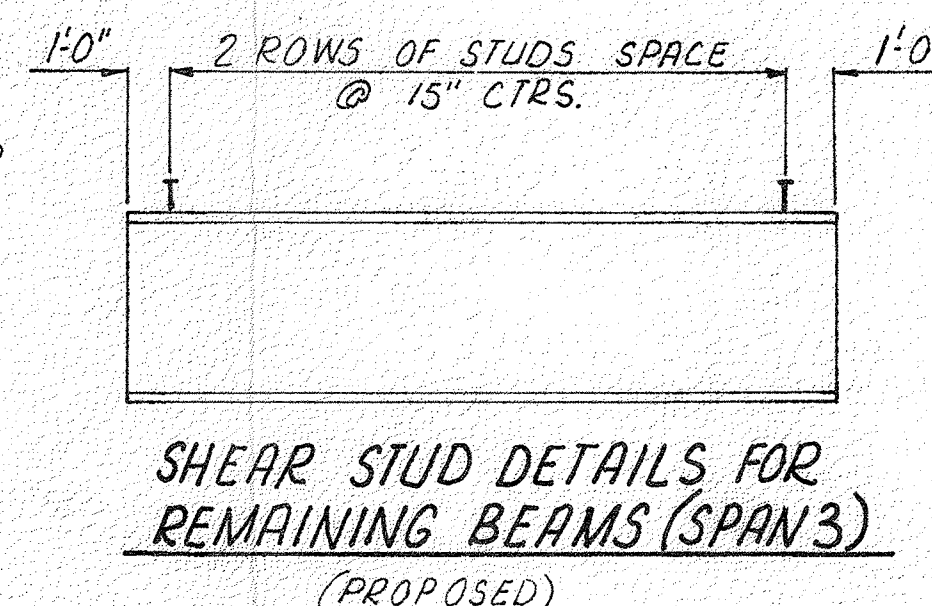
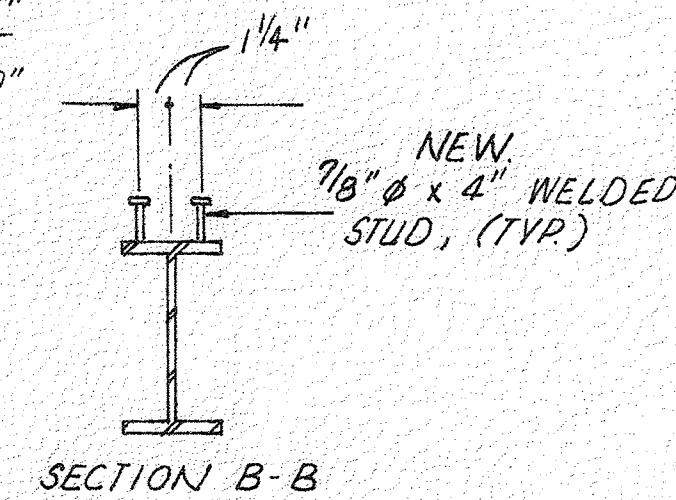
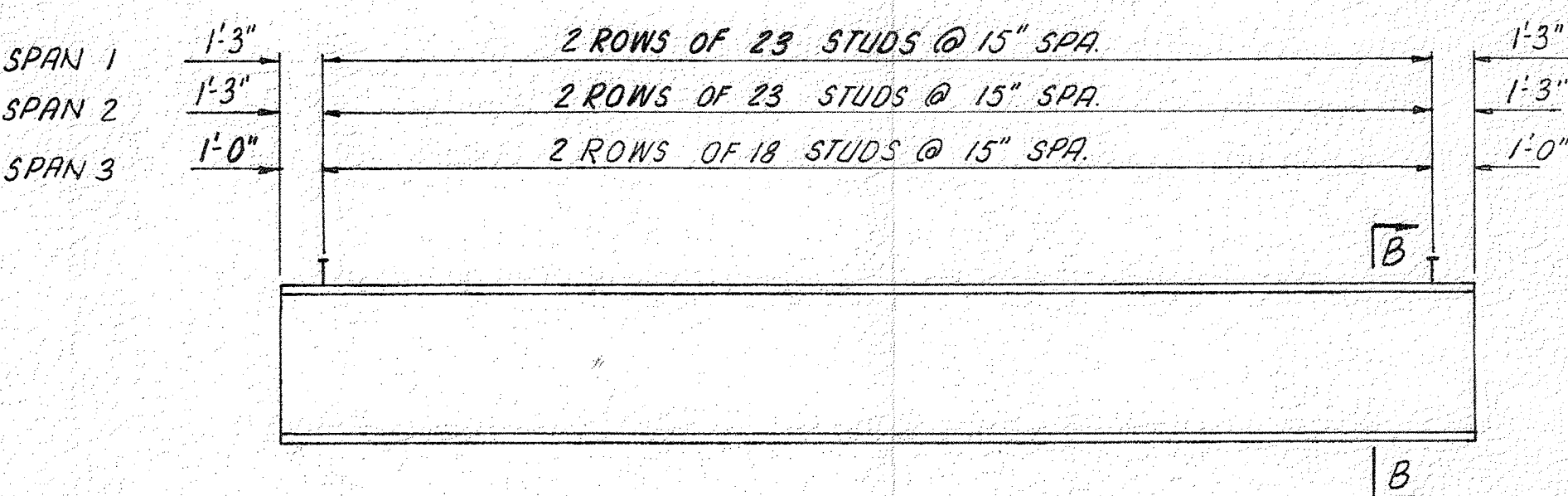
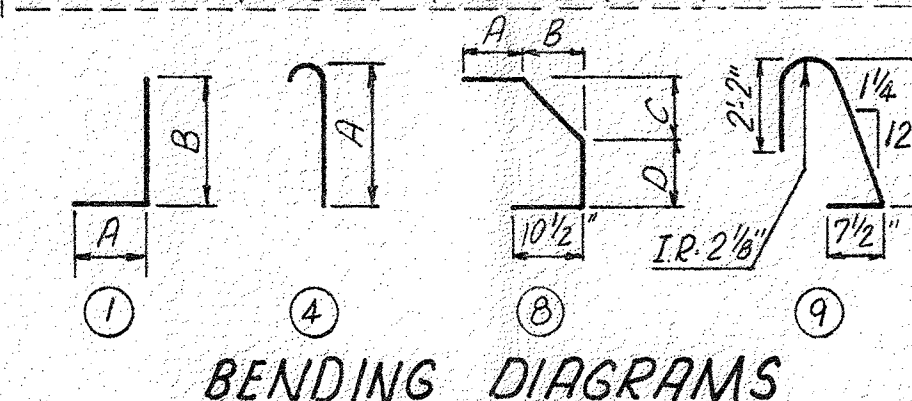


ISSUED
 FEB 19 1987
 ADACHE - CIUNI - LYNN ASSOC.



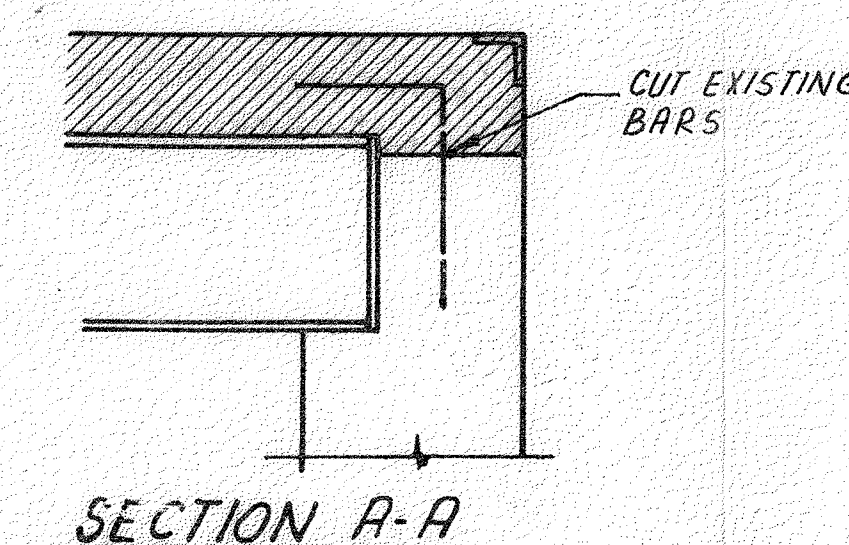
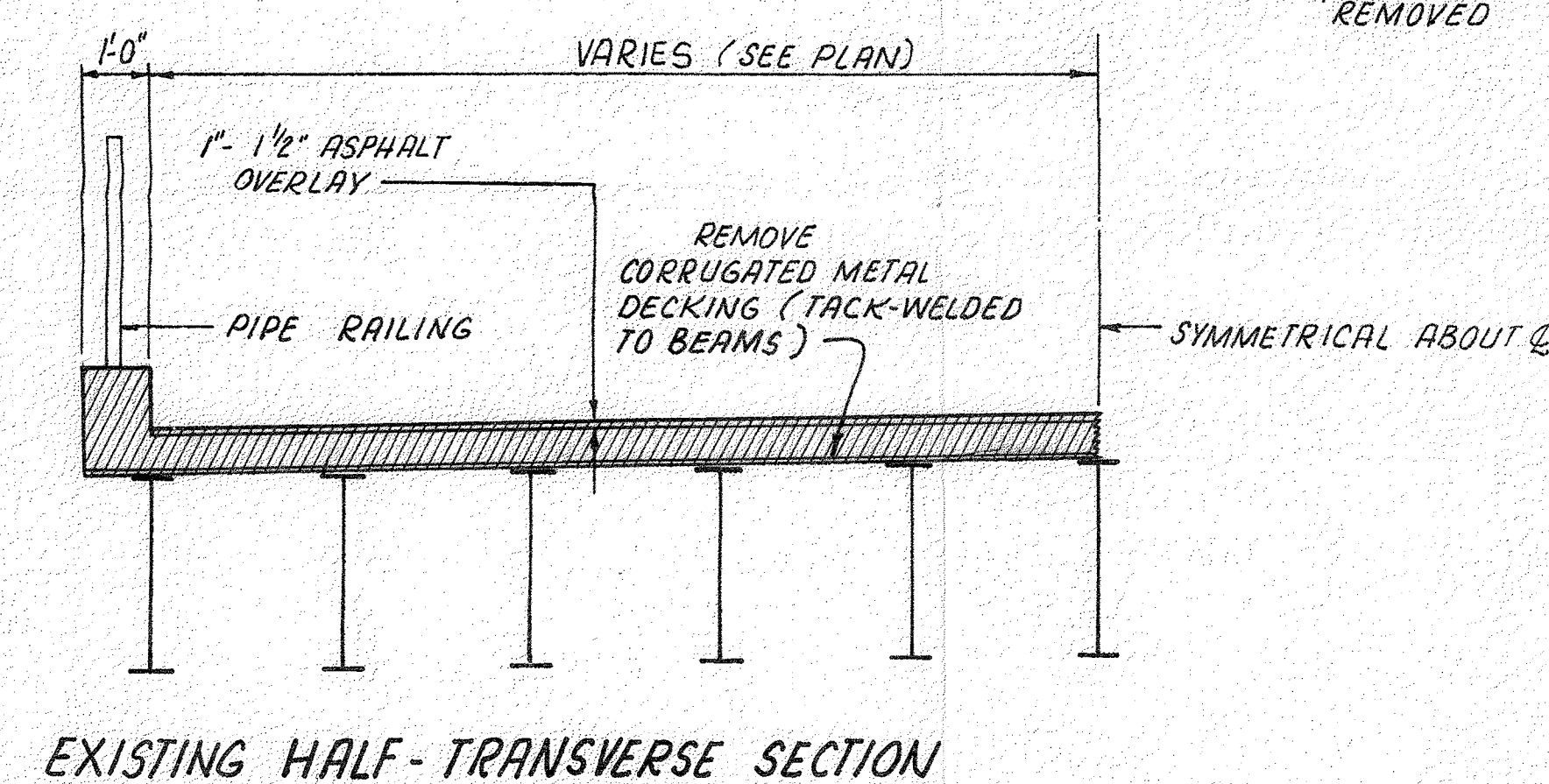
REINFORCING SCHEDULE

MARK	NUMBER REQUIRED	LENGTH FT IN	TYPE	DIM A FT IN	DIM B FT IN	DIM C FT IN	DIM D FT IN	INCREMENT IN	WEIGHT (LBS.)
SUPERSTRUCTURE EPOXY COATED									
SE 501	124	32 8	STR						4225
SE 502	4 SER. 20 BARS	17 2 20 1	STR					1 13/16	1554
SE 503	4 SER. 15 BARS	20 5 27 2	STR					5 13/16	1489
SE 504	4 SER. 11 BARS	27 11 37 8	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 3 0	STR	0 7 0 9	0 2 0 6	0 3 0 3	0 8 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	108	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					2 5	31
SE 405	2 SER. 3 BARS	17 0 12 2	STR						58
SE 406	2 SER. 3 BARS	10 3 7 1	STR					1 7	35
SE 407	2 SER. 3 BARS	4 5 2 3	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 14 10	STR					2 5	69
SE 412	2 SER. 3 BARS	12 11 9 9	STR					1 7	45
SE 413	2 SER. 3 BARS	8 3 5 11	STR					1 2	28
SE 414	48	12 6	STR						401
SE 415	2 SER. 4 BARS	4 10 2 0	STR					1 5/16	18
TOTAL WEIGHT									5028



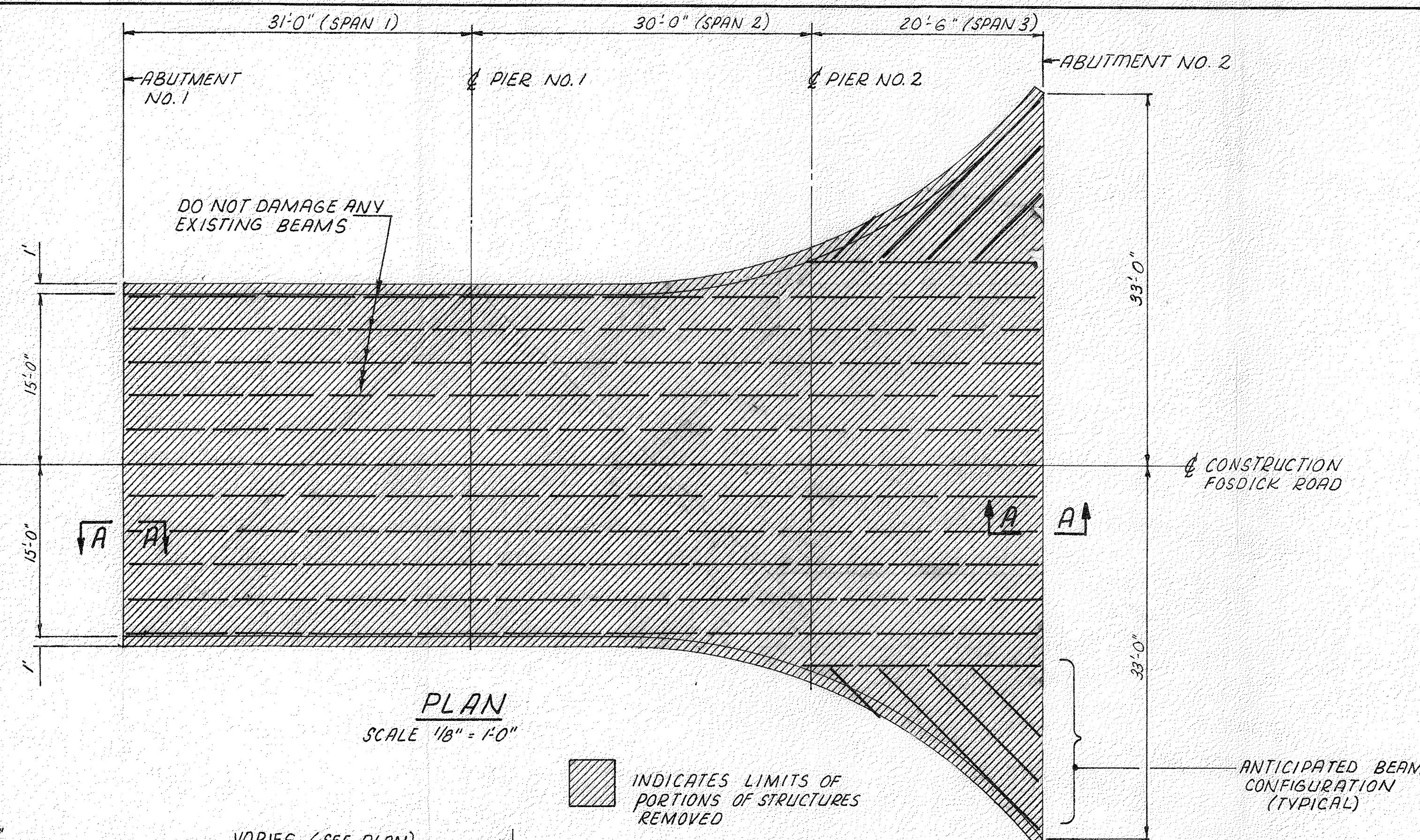
DEMOLITION DETAILS

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.



PLAN

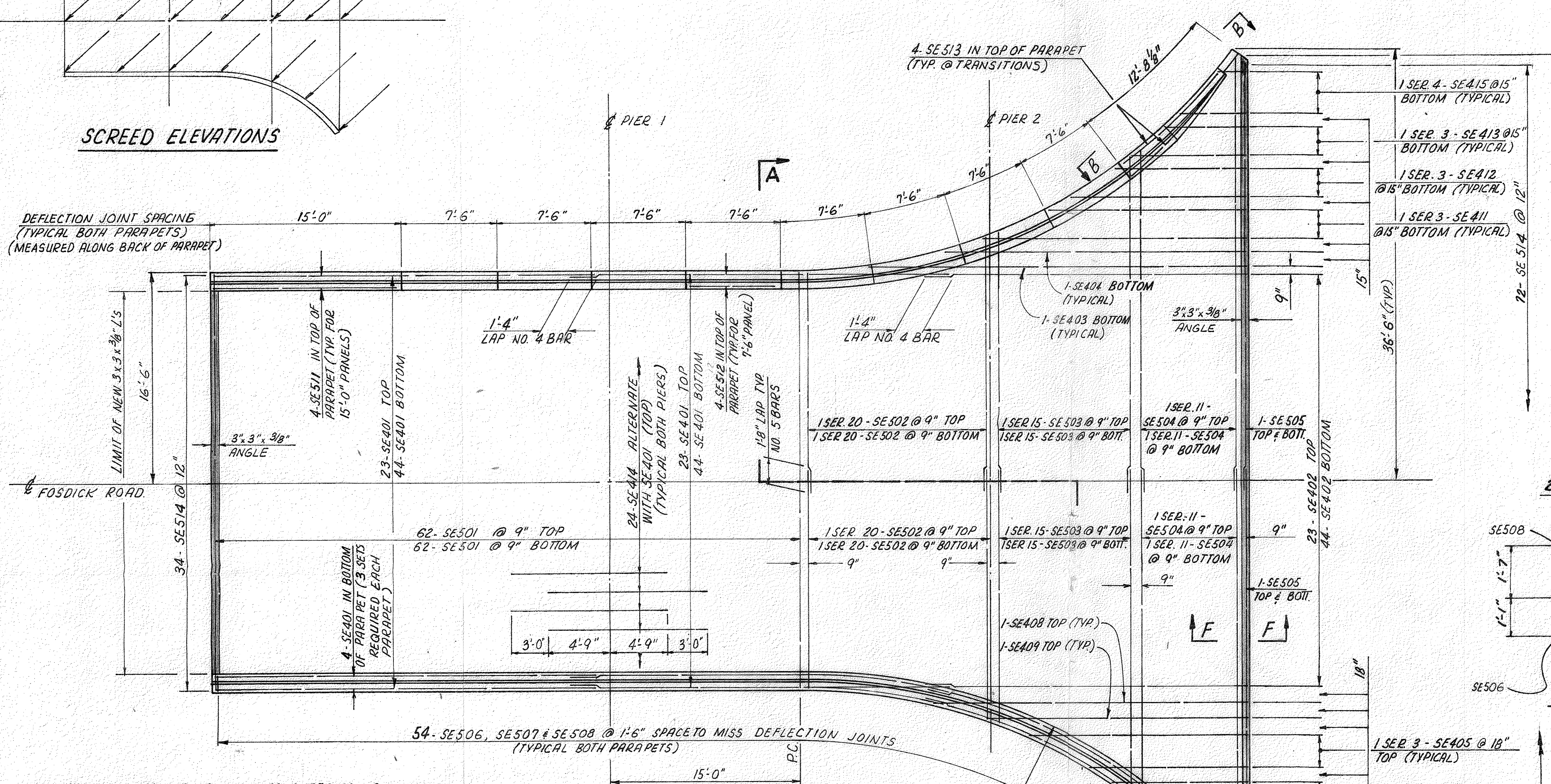
SCALE 1/8" = 1'-0"





SCREED ELEVATIONS

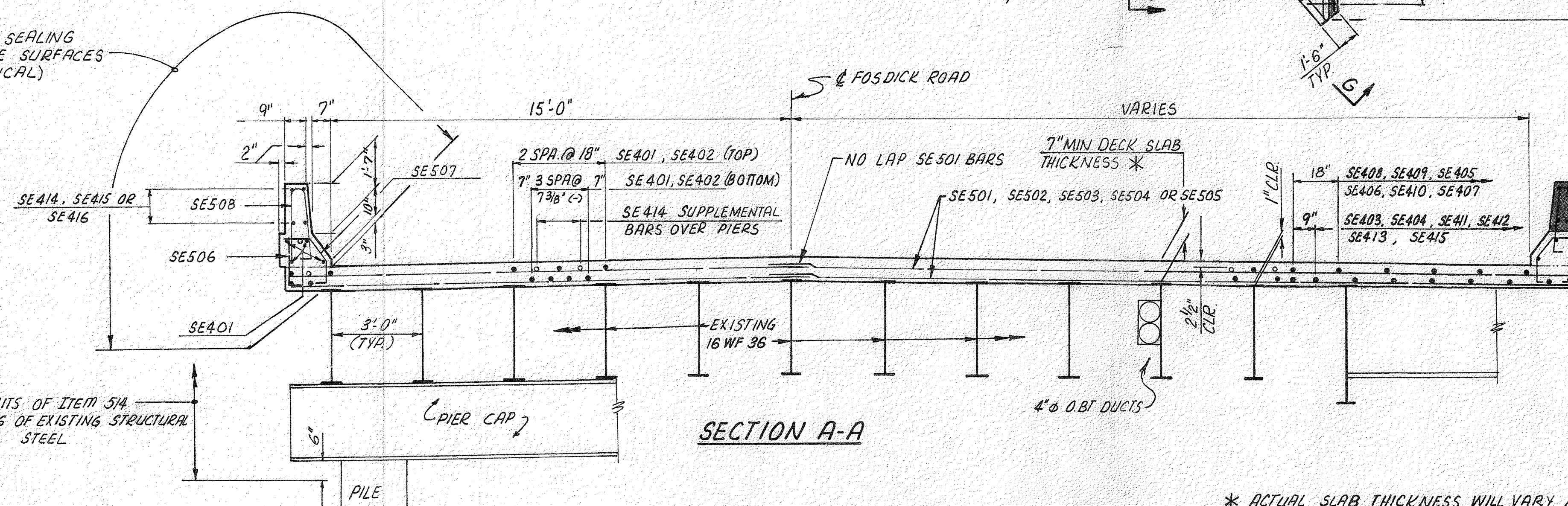
DEFLECTION JOINT SPACING
(TYPICAL BOTH PARAPETS)
(MEASURED ALONG BACK OF PARAPET)



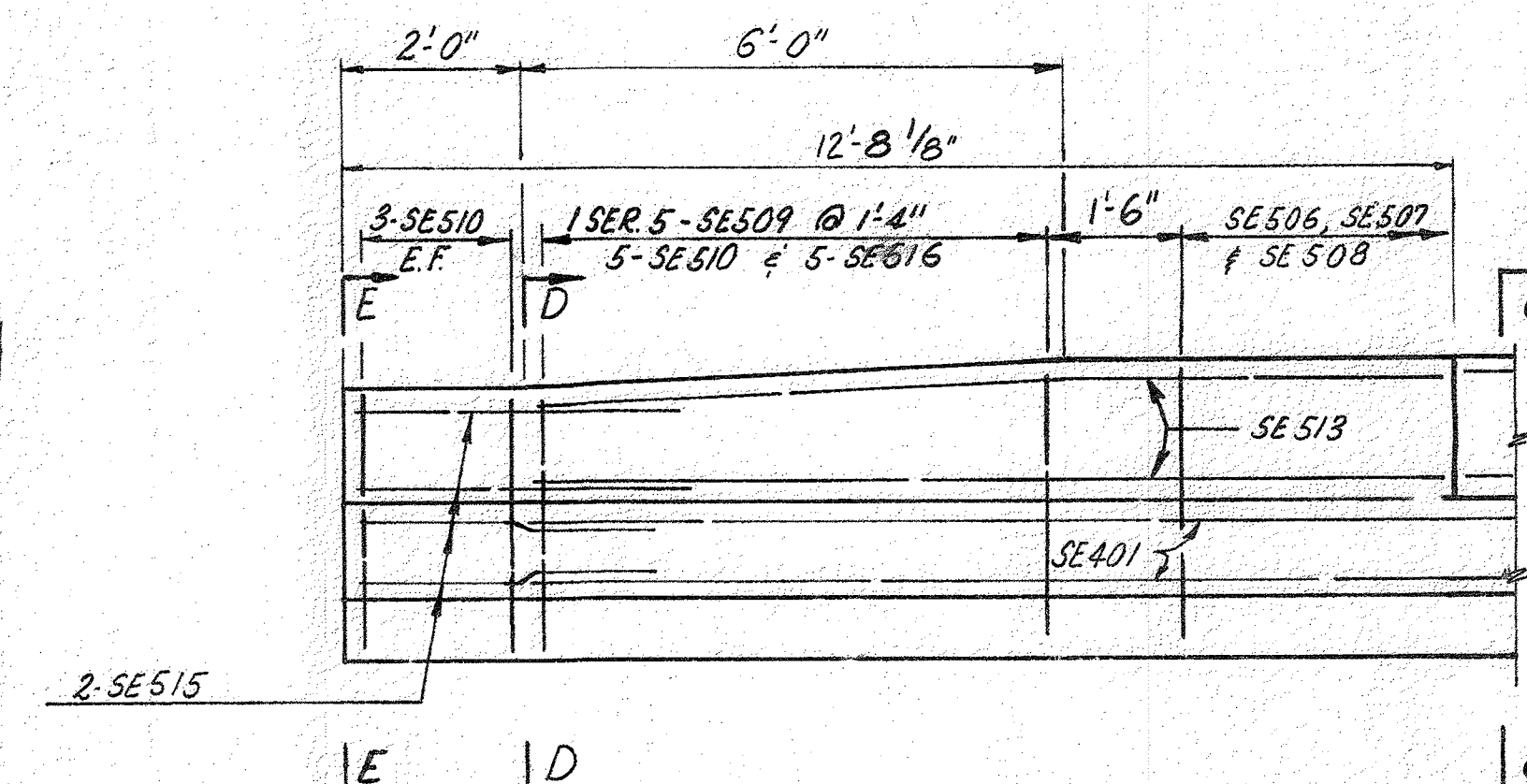
SLAB PLAN (N.T.S.)

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

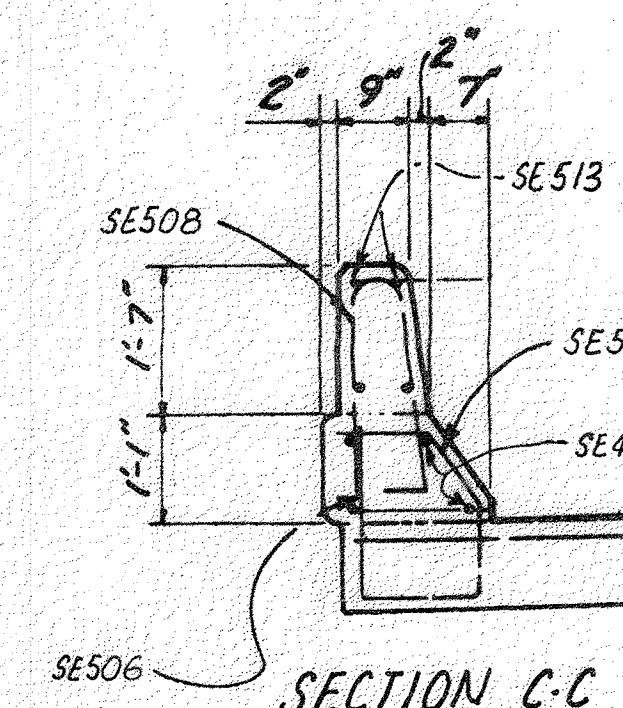
LIMITS OF SEALING
CONCRETE SURFACES
(TYPICAL)



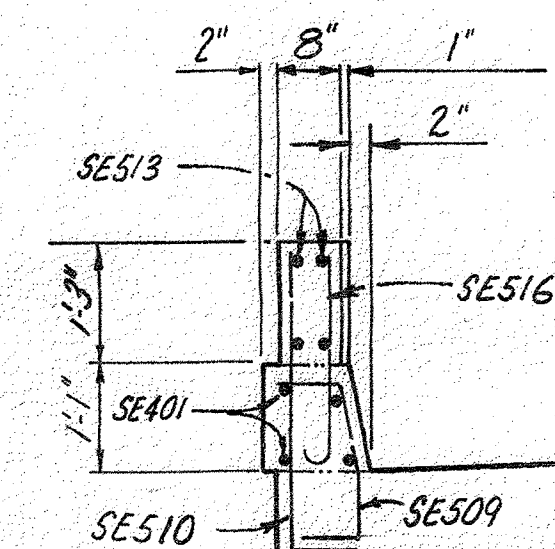
SECTION A-A



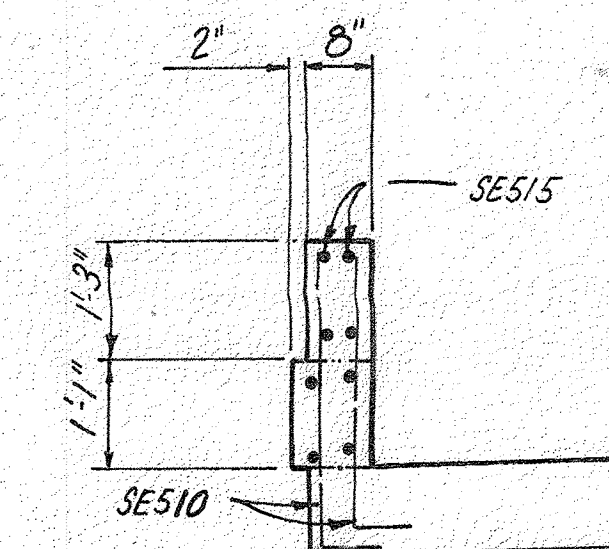
VIEW B-B (VIEW G-G OPPOSITE)



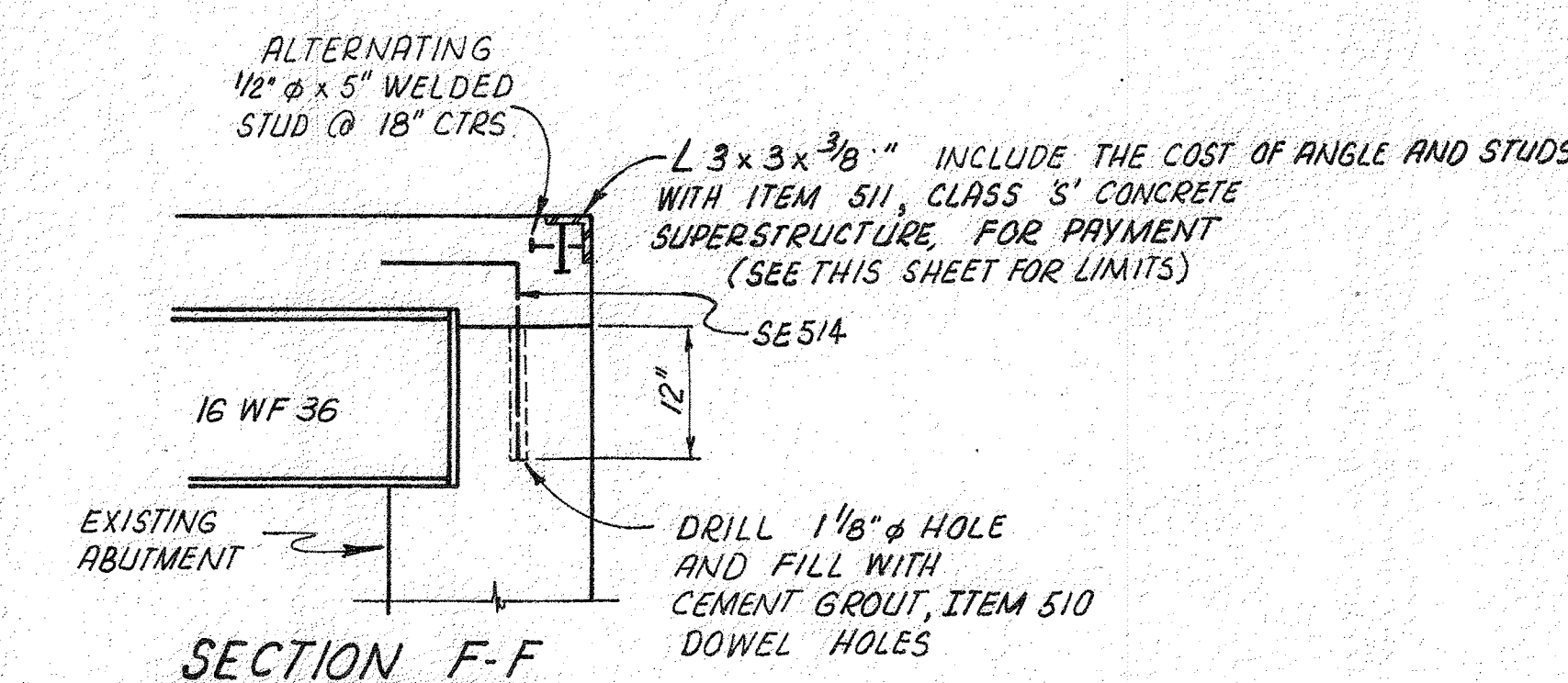
SECTION C-C



SECTION D-D



SECTION E-E



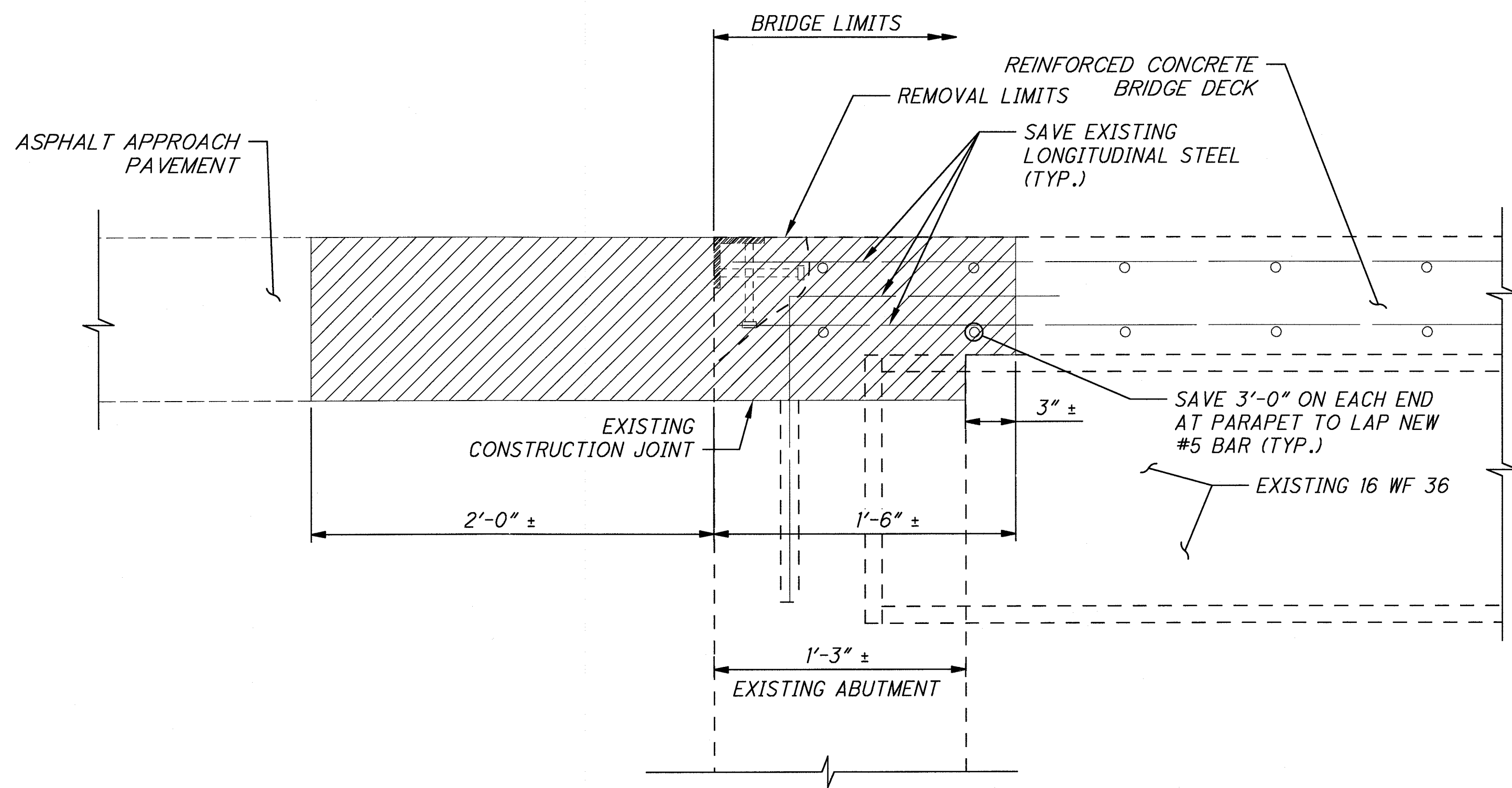
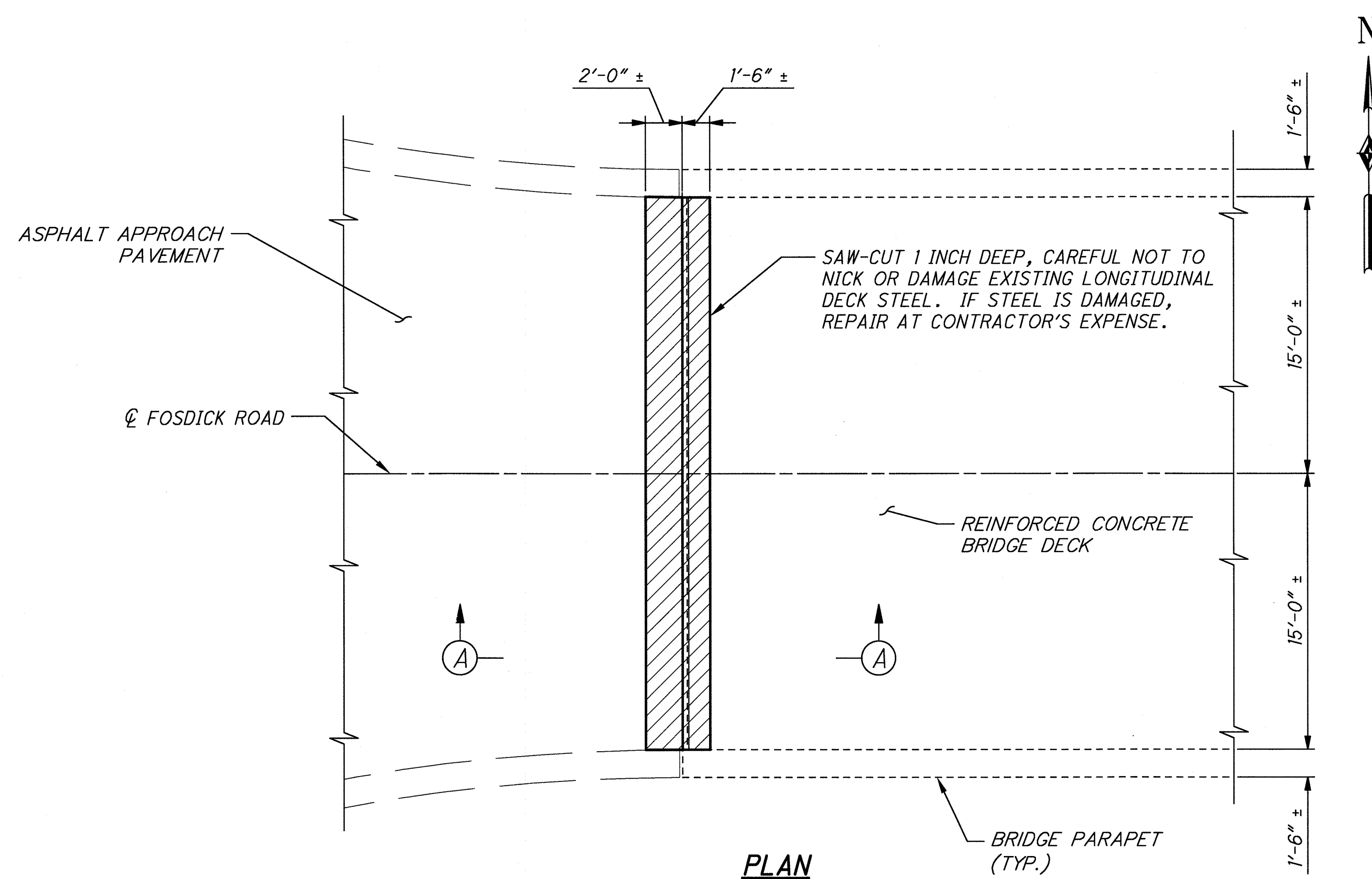
SECTION F-F

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 3' CONCRETE SUPERSTRUCTURE, FOR PAYMENT)

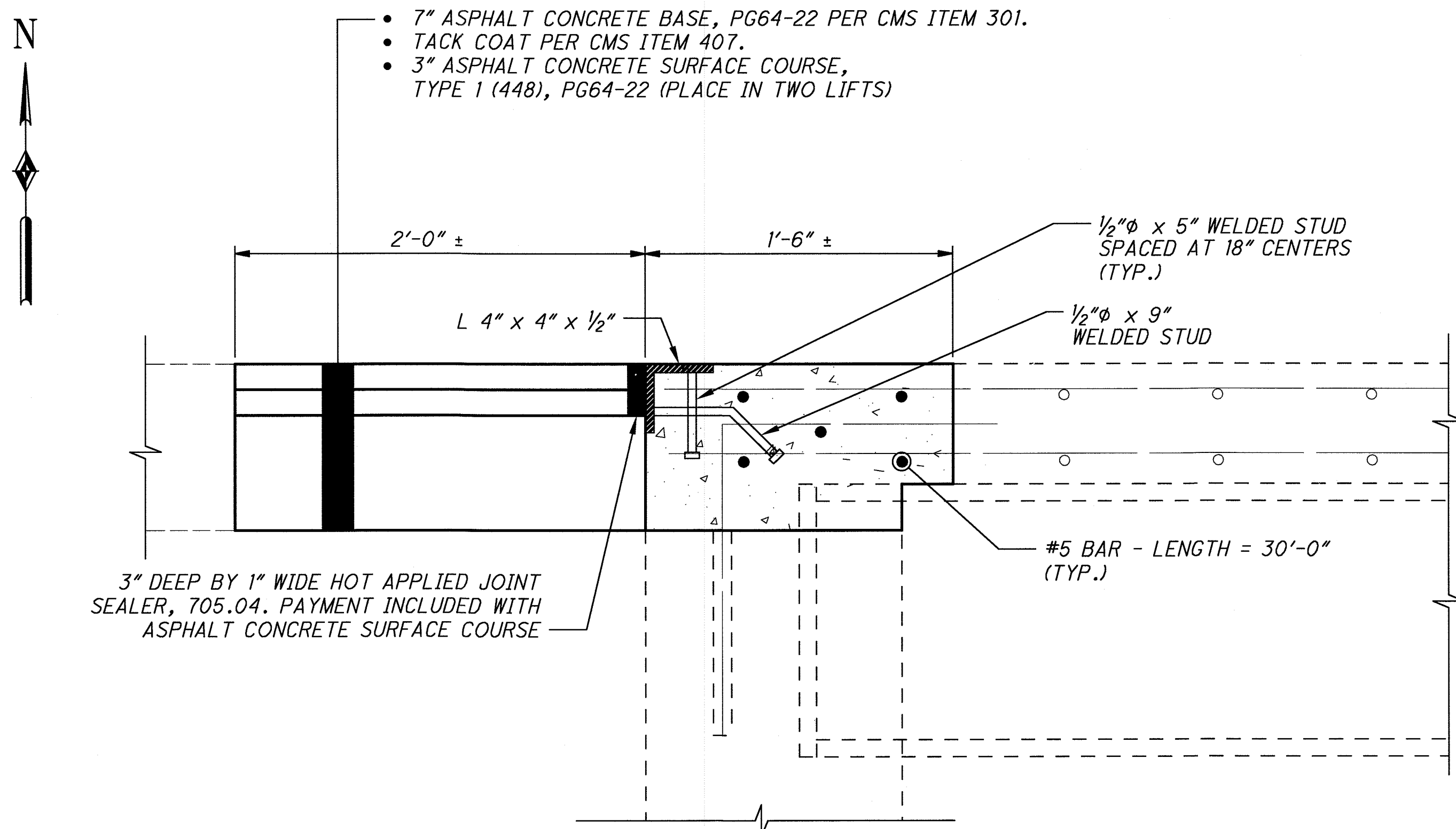
* ACTUAL SLAB THICKNESS WILL VARY AS DETERMINED BY SCREED ELEVATIONS. (SEE GENERAL NOTES)

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	

F:\Jobs\957\dwgs\Expansion Joint Details.dwg 28-Jul-15 11:25 AM



REMOVAL DETAIL



SECTION A-A

NOTES:

1. 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 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 AND 105.02.

BASE CONTRACT BID PRICES UPON RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION TO THE EXISTING STRUCTURE. HOWEVER, THE VILLAGE WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

2. MATERIAL STRENGTHS:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4,500 PSI
EPOXY COATED REINFORCING STEEL - MINIMUM YIELD STRENGTH 60,000 PSI

3. ITEM 202, PORTIONS OF STRUCTURE REMOVED:

CUT LINE CONSTRUCTION JOINT PREPARATION:

SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVAL 1 INCH DEEP. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING LONGITUDINAL REINFORCING STEEL IN PLACE. PRIOR TO CONCRETE PLACEMENT ABRASIVELY CLEAN JOINT SURFACES AND EXISTING EXPOSED REINFORCEMENT TO REMOVE LOOSE AND DISINTEGRATED CONCRETE AND LOOSE RUST. THOROUGHLY CLEAN THE JOINT SURFACE AND EXPOSED REINFORCEMENT OF ALL DIRT, DUST, RUST OR OTHER FOREIGN MATERIAL BY THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS THAT PRODUCE SATISFACTORY RESULTS. EXISTING REINFORCING STEEL DOES NOT HAVE TO HAVE A BRIGHT STEEL FINISH, BUT REMOVE ALL PACK AND LOOSE RUST. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

CONCRETE REMOVAL:

REMOVE CONCRETE BY MEANS OF APPROVED PNEUMATIC HAMMERS EMPLOYING POINTED AND BLUNT CHISEL TOOLS. HYDRAULIC HOE-RAM TYPE HAMMERS WILL NOT BE PERMITTED. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED. OUTSIDE THE 18 INCH LIMIT, THE CONTRACTOR MAY USE HAMMERS NOT EXCEEDING 90 POUNDS UPON THE APPROVAL OF THE ENGINEER. DO NOT PLACE PNEUMATIC HAMMERS IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE.

MEASUREMENT & PAYMENT: THE VILLAGE WILL PAY FOR THE ACCEPTED REMOVALS ON A LUMP SUM BASIS AT THE CONTRACT PRICE BID FOR ITEM 202 - PORTIONS OF STRUCTURE REMOVED.

4. ITEM 441 - ASPHALT PAVEMENT

THIS ITEM SHALL CONFORM TO ODOT CMS AND AS PER DETAILS SHOWN WITH THE FOLLOWING ADDITIONS:
- THE 3" DEPTH SHALL BE PLACED IN TWO EQUAL LIFTS OF 1.5 INCHES.
- INCLUDES PAYMENT ON A LUMP SUM BASIS FOR PAVEMENT REMOVED, ASPHALT CONCRETE BASE, TACK COAT, ASPHALT CONCRETE SURFACE COURSE AND THE HOT APPLIED JOINT SEALER.

5. ITEM 516 - STRUCTURAL STEEL EXPANSION JOINT

THIS ITEM SHALL CONFORM TO ODOT CMS AND AS PER DETAILS SHOWN WITH THE FOLLOWING ADDITIONS:
- THE COST OF THE WELDED STUDS AND INSTALLATION THEREOF SHALL BE INCLUDED WITH ITEM 516 FOR PAYMENT.
- THE JOINT STEEL INCLUDING STUDS AND ANGLE SHALL BE COATED PER ODOT CMS ITEM 516.03.

ENGINEERS SEAL:

SIGNED:
DATE:

DESIGN AGENCY
EUTHELICS INC.
CONSULTING ENGINEERS

REVIEWED DATE
RAB 07/2015
STRUCTURE FILE NUMBER
1887122

DRAWN LAB
LAB
REVISOR
AUM

EXPANSION JOINT REPAIR DETAILS
FOSDICK ROAD OVER
THE OHIO & ERIE CANAL

FOSDICK RD
PID No. N/A

1
1

BENCH MARK:

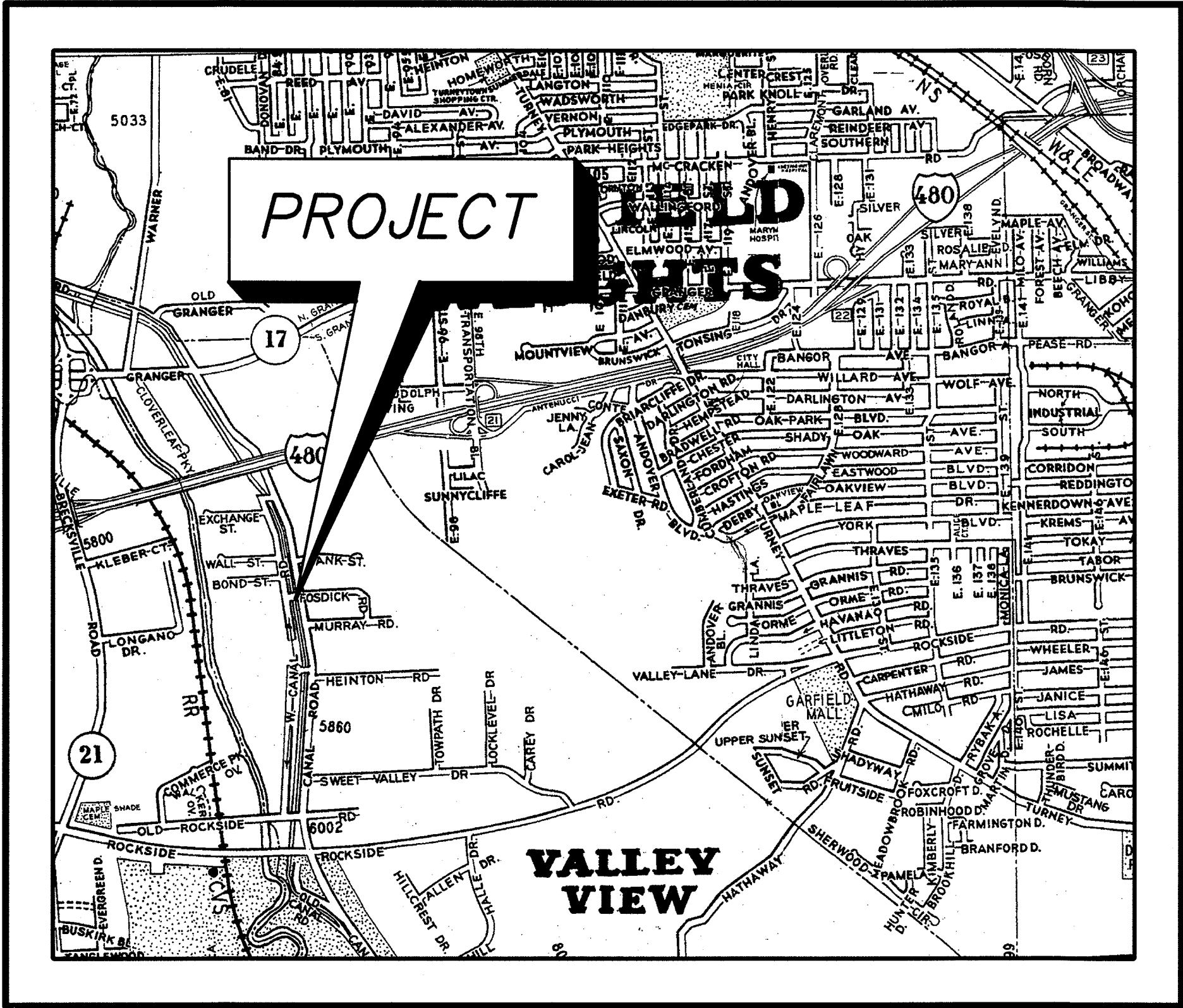
TOP OF HYDRANT ON WEST SIDE OF
WEST CANAL ROAD AT FOSDICK ROAD
ELEV. 608.92

FOSDICK ROAD
OVER OHIO & ERIE CANAL
BRIDGE REPAIRS

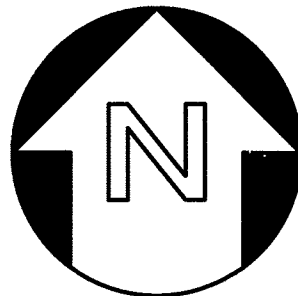
VILLAGE OF VALLEY VIEW
CUYAHOGA COUNTY
STATE OF OHIO

CONVENTIONAL SIGNS:

ITEM	EXISTING	PROPOSED	RECONST'D
RIGHT OF WAY			
CENTERLINE			
PROPERTY LINE			
EASEMENT LINE	E.L.	E.L.	
TEMP. EASEMENT LINE	T.E.L.	T.E.L.	
GAS MAIN	G.		
GAS CONNECTION	G.C.		
WATER MAIN	W.		
HYDRANT & VALVE	H.V.		
WATER CONNECTION	W.C.	W.C.	
WATER MAIN VALVE			
SANITARY SEWER	SAN.	SAN.	
SANITARY CONNECTION	SAN.C.	SAN.C.	
STORM SEWER	ST.	ST.	
STORM CONNECTION	ST.C.	ST.C.	
UNDERGRD. TELE. DUCTS	T	T	
UNDERGRD. ELEC. CABLE	E	E	
UNDERGRD. TV CABLE	GTV	GTV	
FENCE	X X X	X X X	
GUARDRAIL			
UTILITY POLE /ANCHOR	P		X - RELOCATED
LIGHT POLE	Q		X - RELOCATED
MONUMENT ASSEMBLY	◇	◆	
MANHOLE	○	●	●
BASIN	□	■	■
SIGN POST	+	+	
TREE	⊗		
BUSH, BRUSH	⊙		
WELL	+W		
SEPTIC TANK	S		
SWALE	~	~	
SPOT ELEVATION	+100	+100	
CONTOUR ELEVATION	100	100	
AGGREGATE DRIVE	/ AGG. \		
ASPHALT DRIVE	/ ASPH. \		
CONCRETE DRIVE	/ CONC. \		
TELECOMMUNICATIONS	ING		
UNGD. ELEC. TRAF. LOOP	L		



LOCATION MAP
NO SCALE



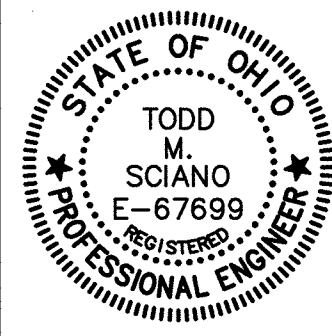
INDEX OF SHEETS

- 1 TITLE SHEET
- 2 GENERAL NOTES
- 3 FOSDICK ROAD BRIDGE REPAIR PLAN
- 4 FOSDICK ROAD — EXPANSION JOINT REPAIR DETAILS (EUTHENICS INC. 7/2015)



TODD SCIANO
VILLAGE ENGINEER

DATE:



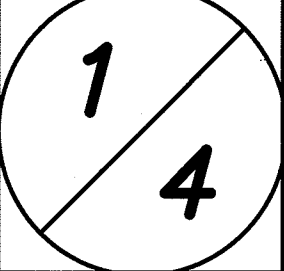
REVISIONS

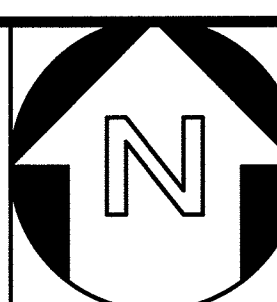
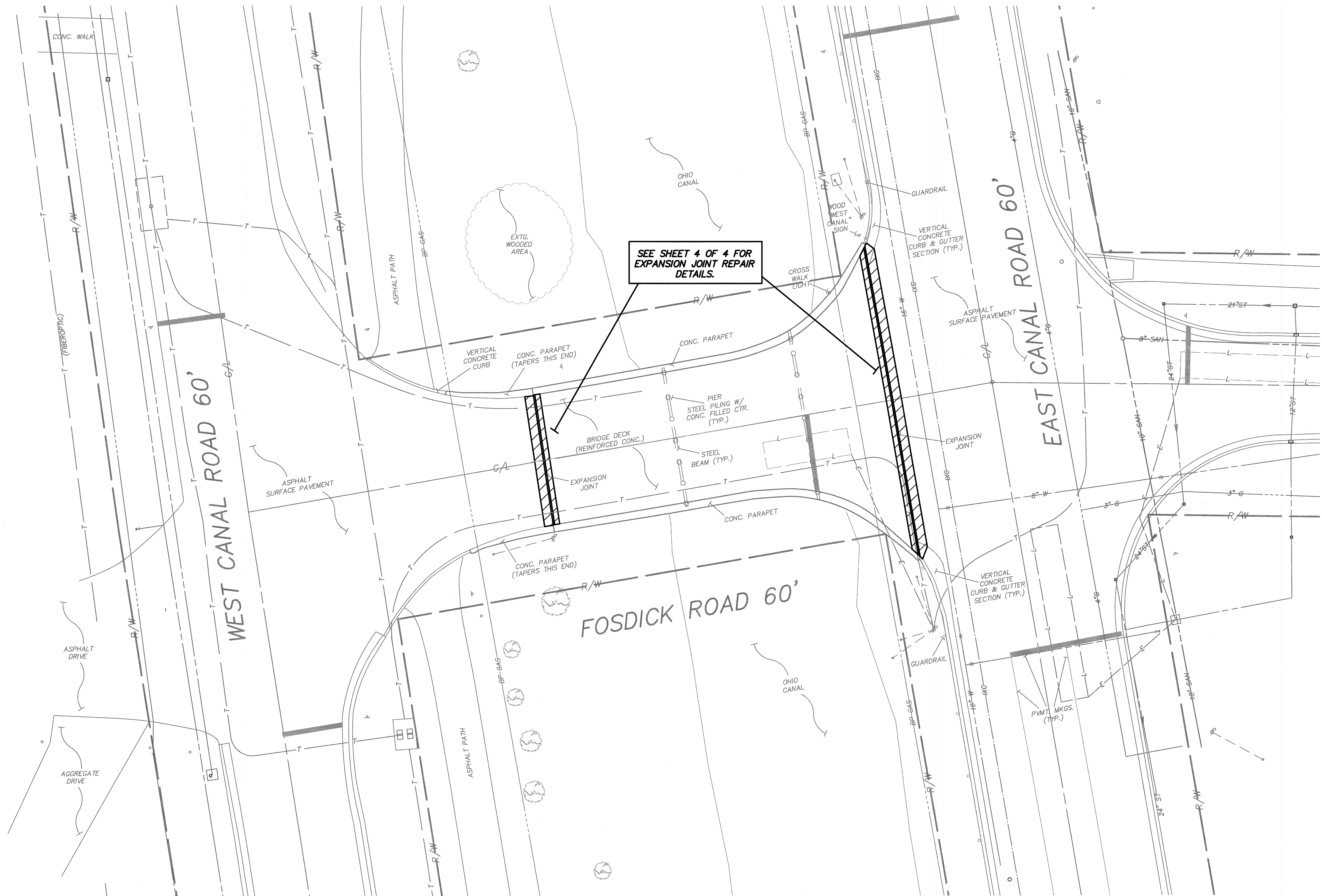
TITLE SHEET
FOSDICK ROAD BRIDGE REPAIRS
VILLAGE OF VALLEY VIEW
CUYAHOGA COUNTY, OHIO

DONALD G. BOHNING & ASSOCIATES, INC.
CIVIL ENGINEERING & SURVEYING
7079 HUB PARKWAY • VALLEY VIEW, OHIO 44125
PHONE: (216) 842-1130 FAX: (216) 842-1132
At: Licensed Professional Engineer 10/19/2015 - 11/19/2015



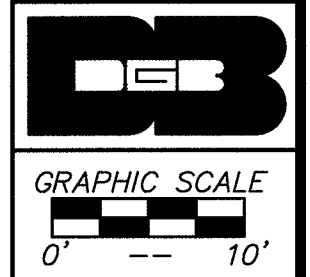
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DR'N	CKD.
M.G.	T.S.
DATE	
OCT., 2015	
ORDER NO.	
207-14F	





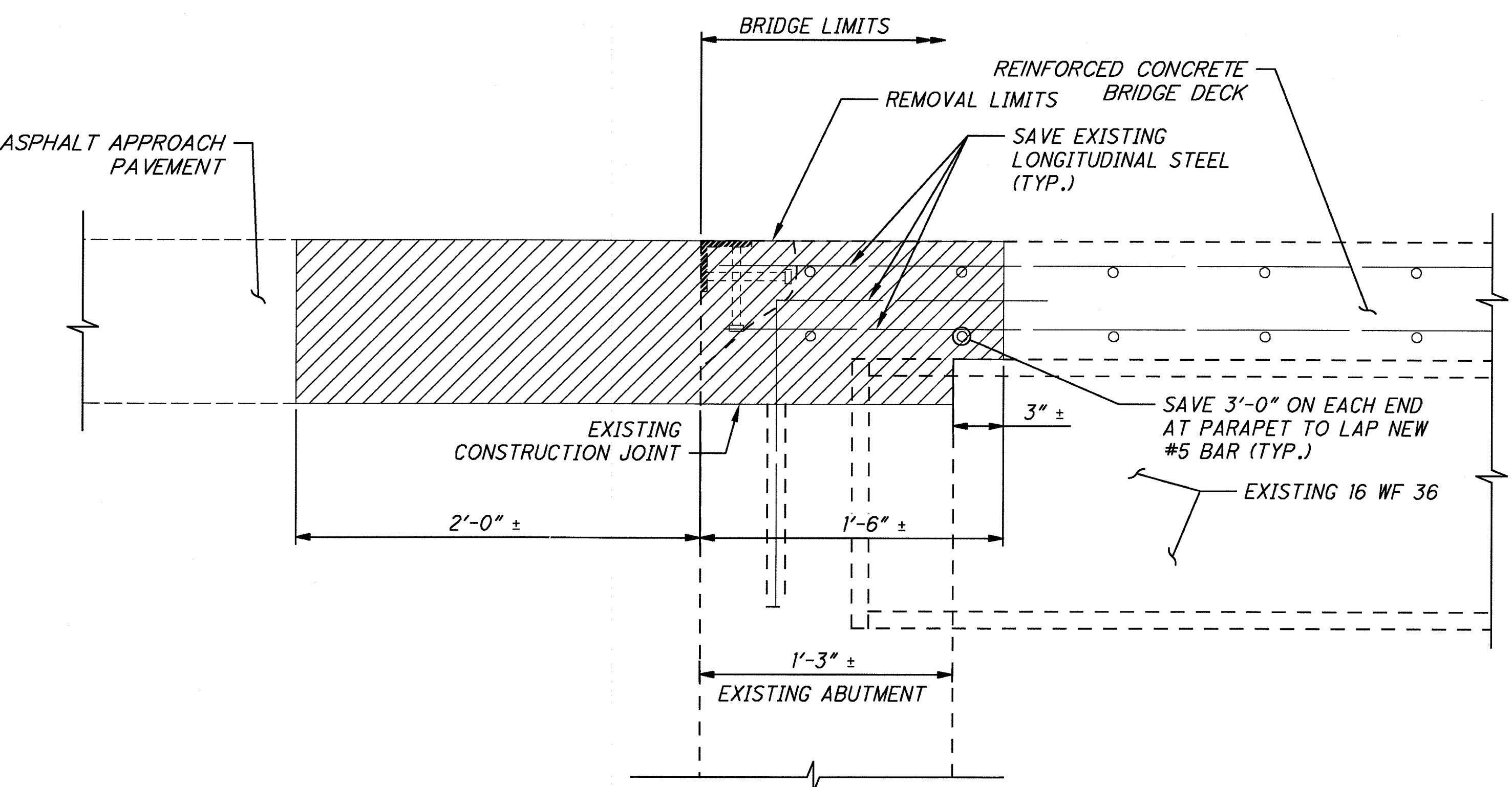
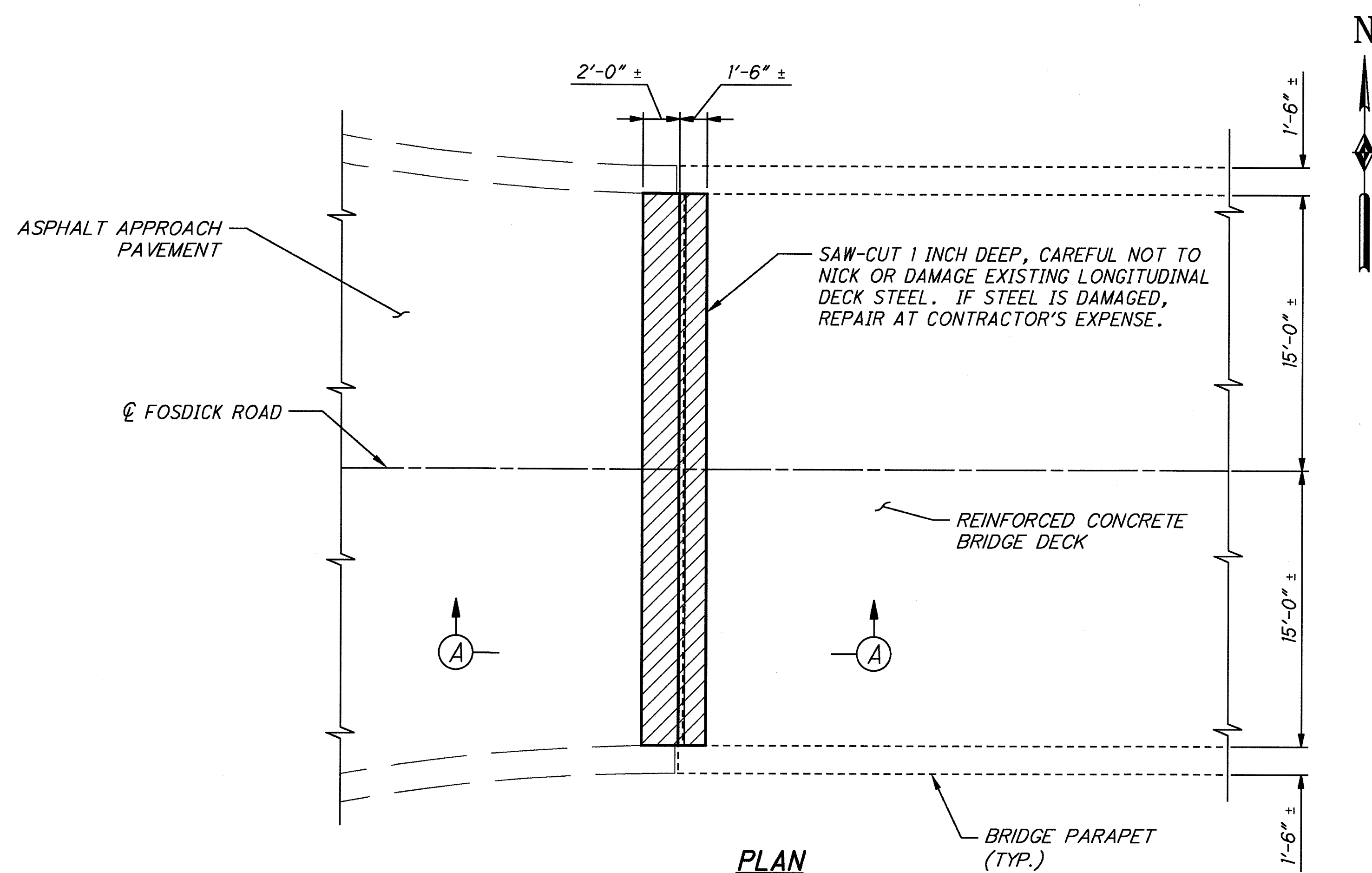
FOSDICK ROAD BRIDGE REPAIR PLAN
VILLAGE OF VALLEY VIEW
CUYAHOGA COUNTY, OHIO

DONALD G. BOHNING & ASSOCIATES, INC.
 CIVIL ENGINEERING & SURVEYING
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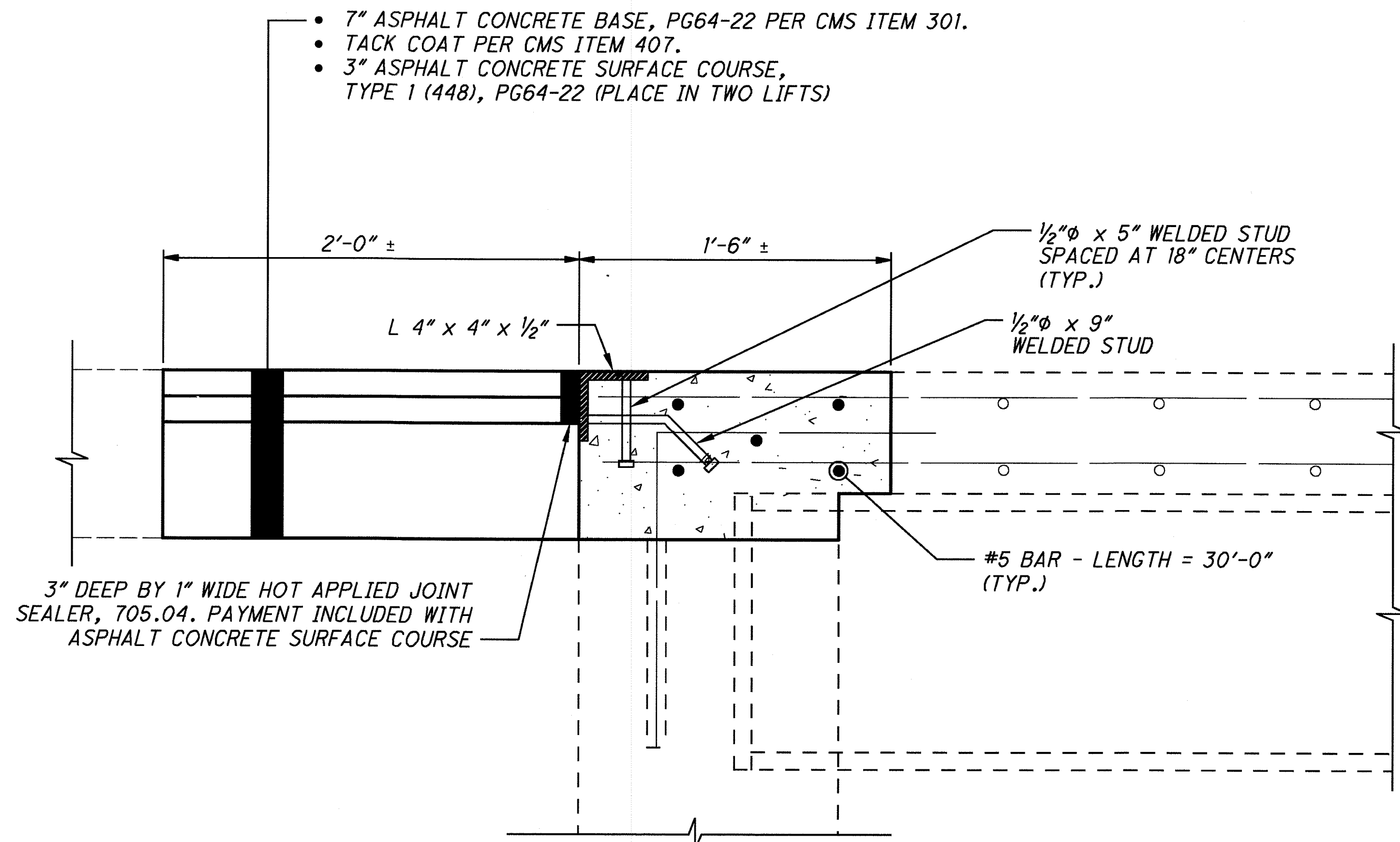


HORIZ. SCALE
1"=10'
 VERT. SCALE

DRN	CHKD.
M.G.	T.S.
DATE	OCT., 2015
ORDER NO.	207-14F



REMOVAL DETAIL



SECTION A-A

NOTES:

1. 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 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 AND 105.02.

BASE CONTRACT BID PRICES UPON RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION TO THE EXISTING STRUCTURE. HOWEVER, THE VILLAGE WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

2. MATERIAL STRENGTHS:

CONCRETE CLASS QC2 - COMPRESSION STRENGTH 4,500 PSI
EPOXY COATED REINFORCING STEEL - MINIMUM YIELD STRENGTH 60,000 PSI

3. ITEM 202, PORTIONS OF STRUCTURE REMOVED:

CUT LINE CONSTRUCTION JOINT PREPARATION:

SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVAL 1 INCH DEEP. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING LONGITUDINAL REINFORCING STEEL IN PLACE. PRIOR TO CONCRETE PLACEMENT ABRASIVELY CLEAN JOINT SURFACES AND EXISTING EXPOSED REINFORCEMENT TO REMOVE LOOSE AND DISINTEGRATED CONCRETE AND LOOSE RUST. THOROUGHLY CLEAN THE JOINT SURFACE AND EXPOSED REINFORCEMENT OF ALL DIRT, DUST, RUST OR OTHER FOREIGN MATERIAL BY THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS THAT PRODUCE SATISFACTORY RESULTS. EXISTING REINFORCING STEEL DOES NOT HAVE TO HAVE A BRIGHT STEEL FINISH, BUT REMOVE ALL PACK AND LOOSE RUST. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

CONCRETE REMOVAL:

REMOVE CONCRETE BY MEANS OF APPROVED PNEUMATIC HAMMERS EMPLOYING POINTED AND BLUNT CHISEL TOOLS. HYDRAULIC HOE-RAM TYPE HAMMERS WILL NOT BE PERMITTED. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED. OUTSIDE THE 18 INCH LIMIT, THE CONTRACTOR MAY USE HAMMERS NOT EXCEEDING 90 POUNDS UPON THE APPROVAL OF THE ENGINEER. DO NOT PLACE PNEUMATIC HAMMERS IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE.

MEASUREMENT & PAYMENT: THE VILLAGE WILL PAY FOR THE ACCEPTED REMOVALS ON A LUMP SUM BASIS AT THE CONTRACT PRICE BID FOR ITEM 202 - PORTIONS OF STRUCTURE REMOVED.

4. ITEM 441 - ASPHALT PAVEMENT

THIS ITEM SHALL CONFORM TO ODOT CMS AND AS PER DETAILS SHOWN WITH THE FOLLOWING ADDITIONS:
- THE 3" DEPTH SHALL BE PLACED IN TWO EQUAL LIFTS OF 1.5 INCHES.
- INCLUDES PAYMENT ON A LUMP SUM BASIS FOR PAVEMENT REMOVED, ASPHALT CONCRETE BASE, TACK COAT, ASPHALT CONCRETE SURFACE COURSE AND THE HOT APPLIED JOINT SEALER.

5. ITEM 516 - STRUCTURAL STEEL EXPANSION JOINT

THIS ITEM SHALL CONFORM TO ODOT CMS AND AS PER DETAILS SHOWN WITH THE FOLLOWING ADDITIONS:
- THE COST OF THE WELDED STUDS AND INSTALLATION THEREOF SHALL BE INCLUDED WITH ITEM 516 FOR PAYMENT.
- THE JOINT STEEL INCLUDING STUDS AND ANGLE SHALL BE COATED PER ODOT CMS ITEM 516.03.

ENGINEERS SEAL:

SIGNED: _____
DATE: _____

DESIGN AGENCY
EUTHENICS INC.
CONSULTING ENGINEERS

DATE
07/2015
REVIEWED
RAB
STRUCTURE FILE NUMBER
1887122
DRAWN
LAB
REVIS
-
DESIGNED
LAB
CHECKED
AJM

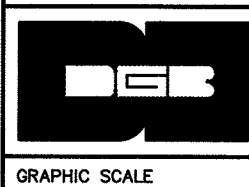
EXPANSION JOINT REPAIR DETAILS

FOSDICK RD

PID No. N/A

FOSDICK ROAD OVER
THE OHIO & ERIE CANAL

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4/4

EXPANSION JOINT REPAIR DETAILS (EUTHENICS-7/2015)
VILLAGE OF VALLEY VIEW
CUYAHOGA COUNTY, OHIO

REVISIONS