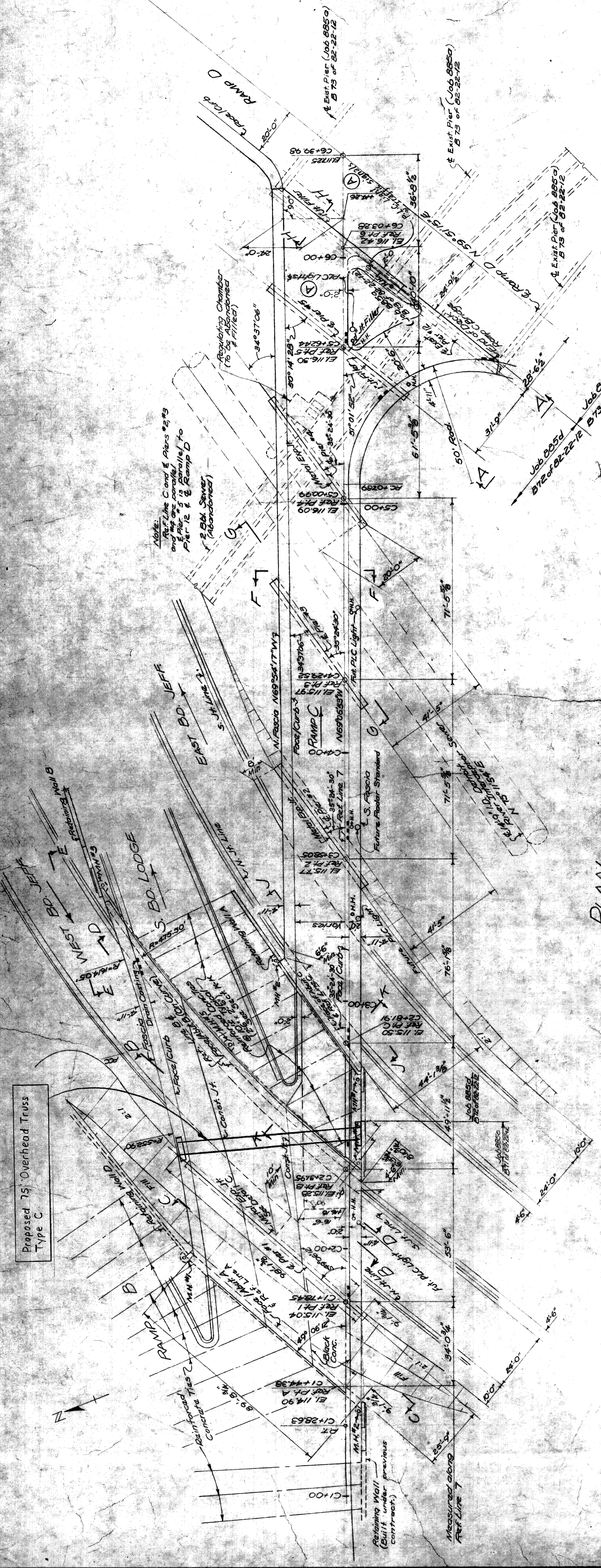
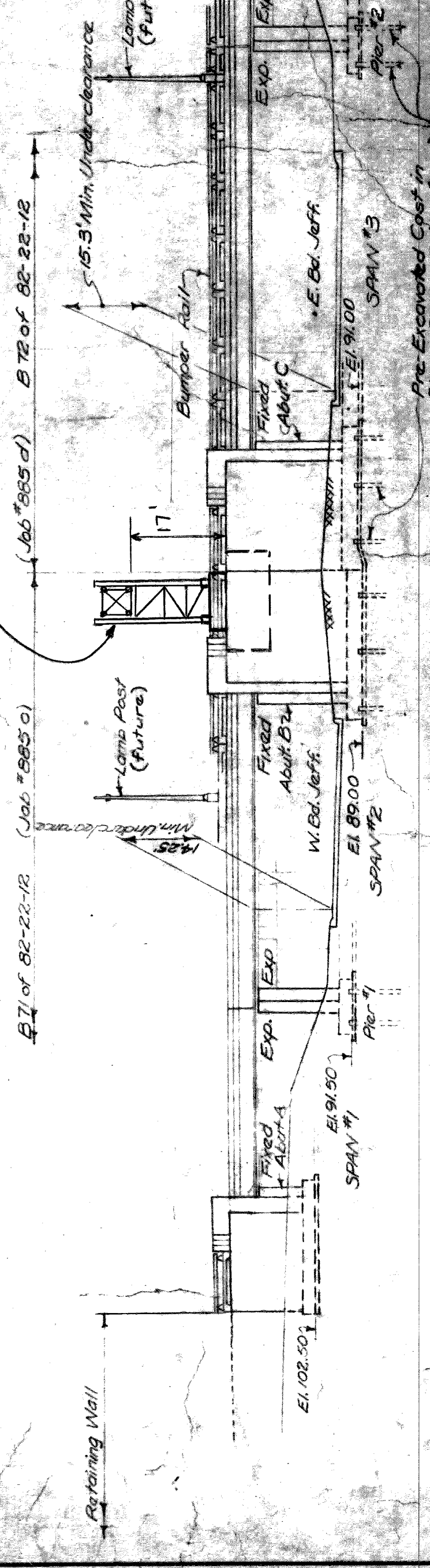


Proposed 75' Overhead Truss Type C



PLAN
Scale 1"=20'

Proposed 75' Overhead Truss Type C
Work this sheet with sheet 4B, 56, 58 & 59



ELEVATION
Scale 1"=20'

GENERAL NOTES

Design Specifications: MSHD Specifications for the Design of Highway Bridges, 1986 Edition, Deflection Limitations and Impact Reinforce Where Applicable. The span length.

Location: I-20-516-44 & Special Military Loading

Concrete: Grade A (B4)
Above Footings: Grade A (B5)
Substructure: Grade A (B5)

Loading: 1420-516-44 & Special Military Loading

Concrete Pile: Pre-excavated cast in place
Capacity: 60 Tons

VIEW A-A
Scale 1"=20'

Note: Jefferson paving, sand gravel under paving and curbs shown on this sheet will be done in future contract.

STATE FILE	BRIDGE	ROAD
871 8 72 of 82-22-12,02		

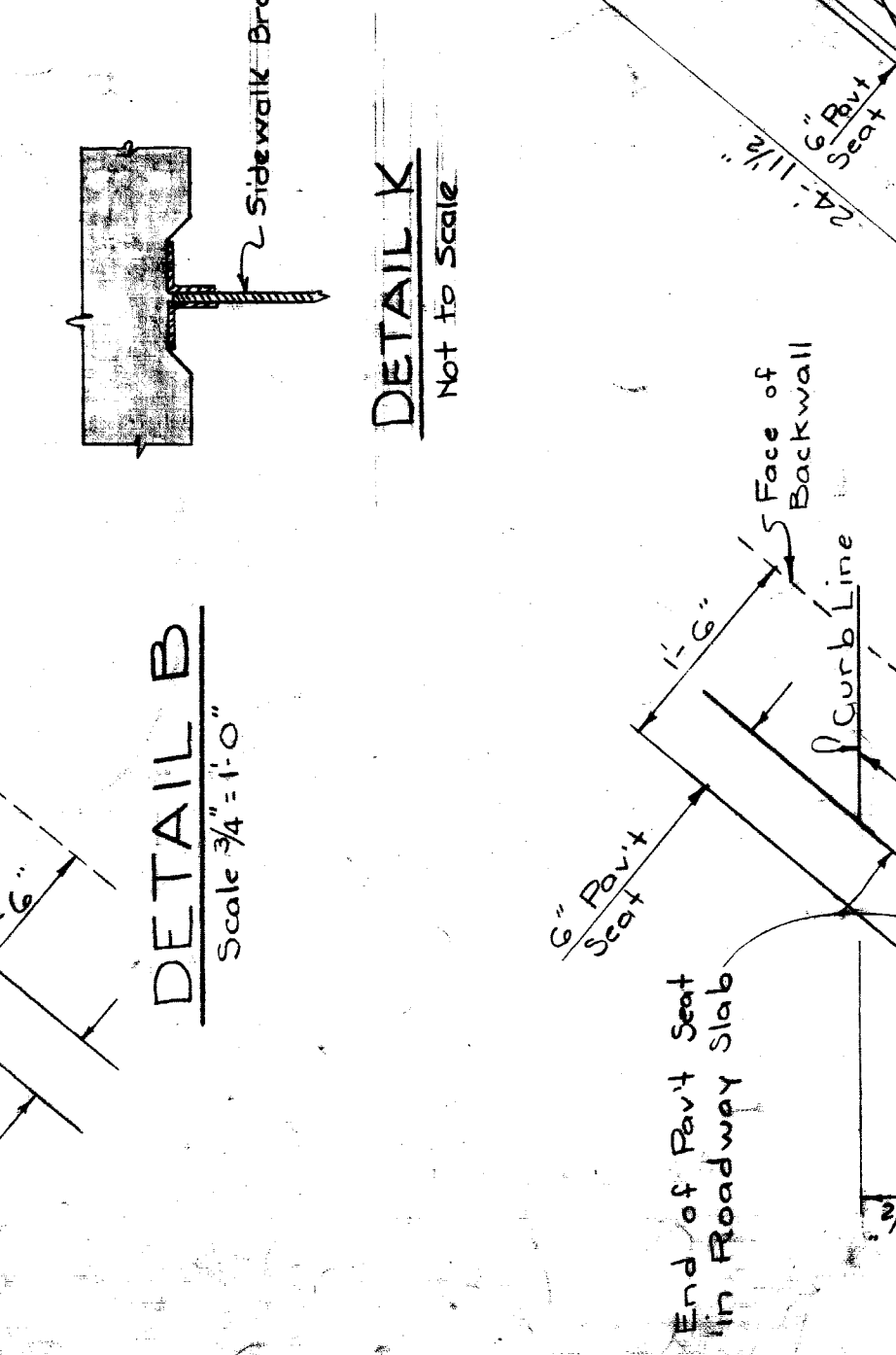
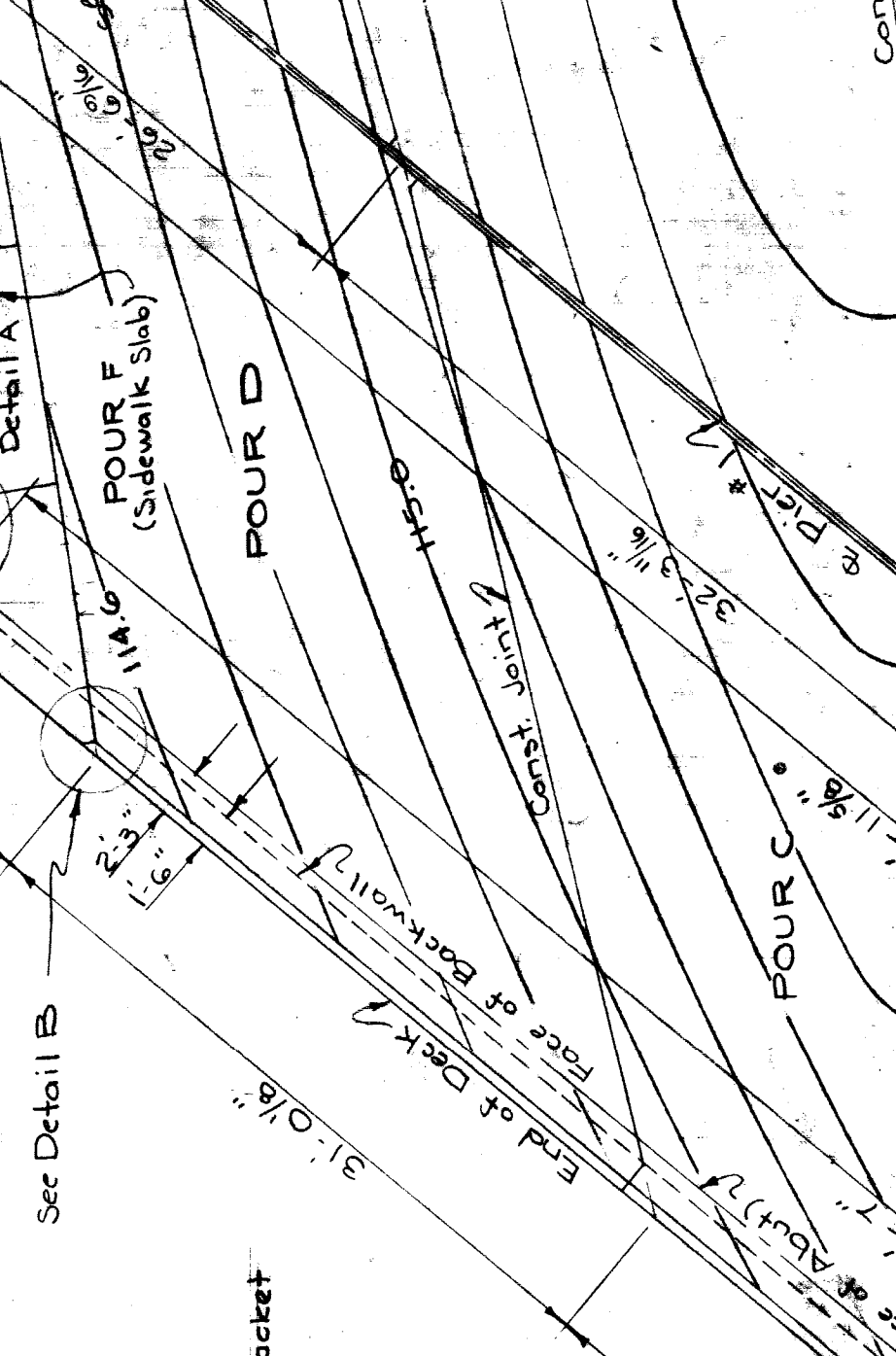
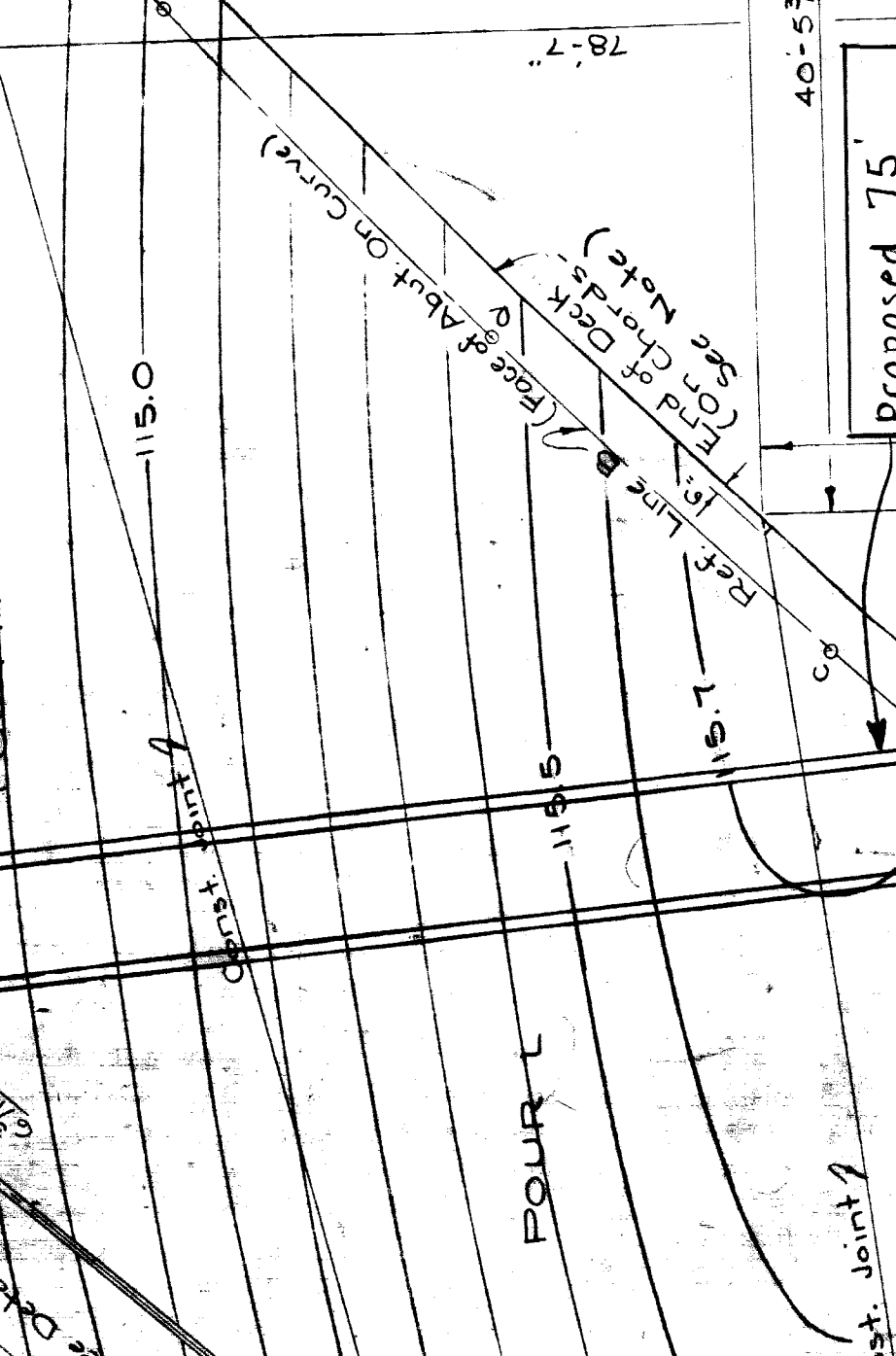
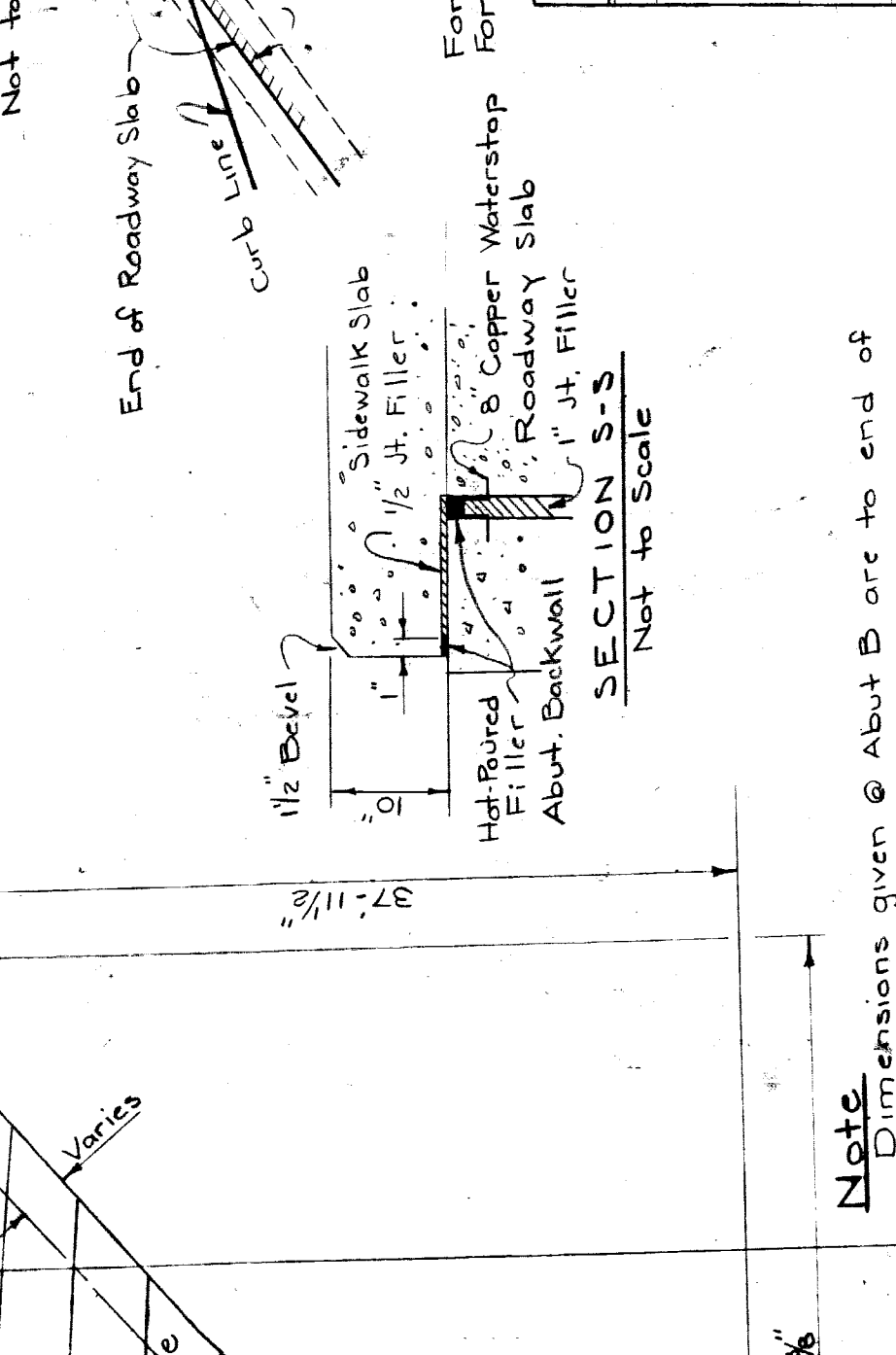
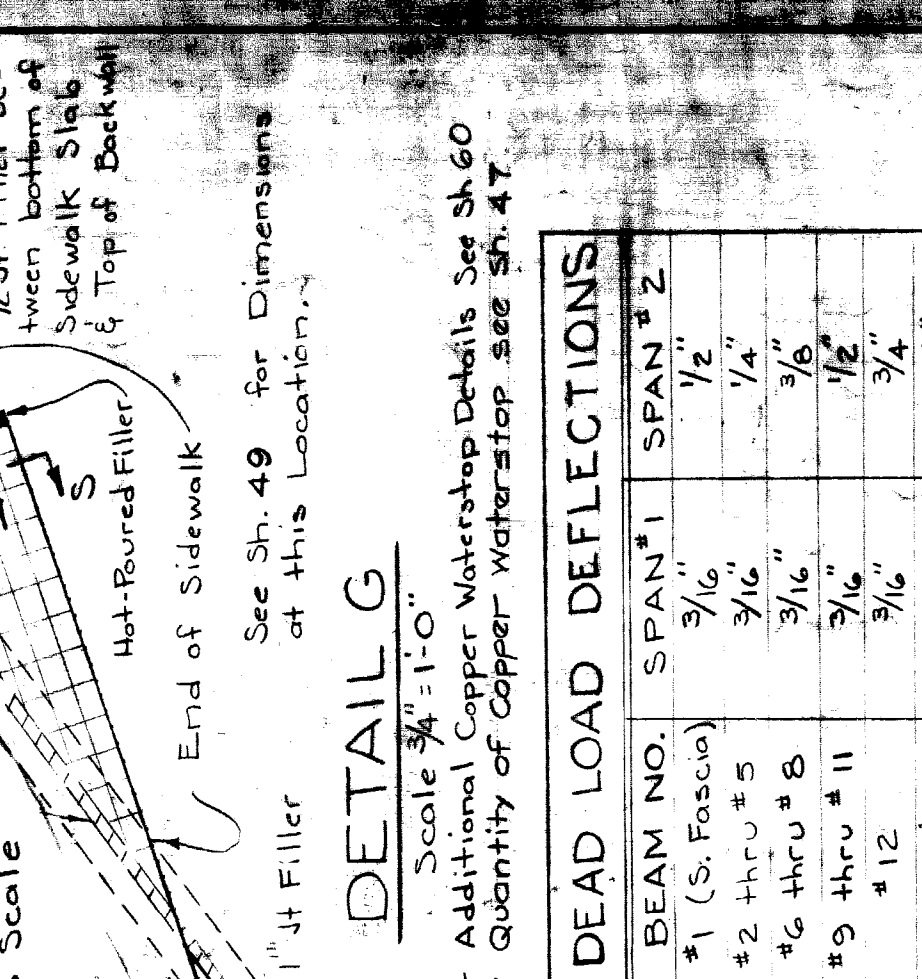
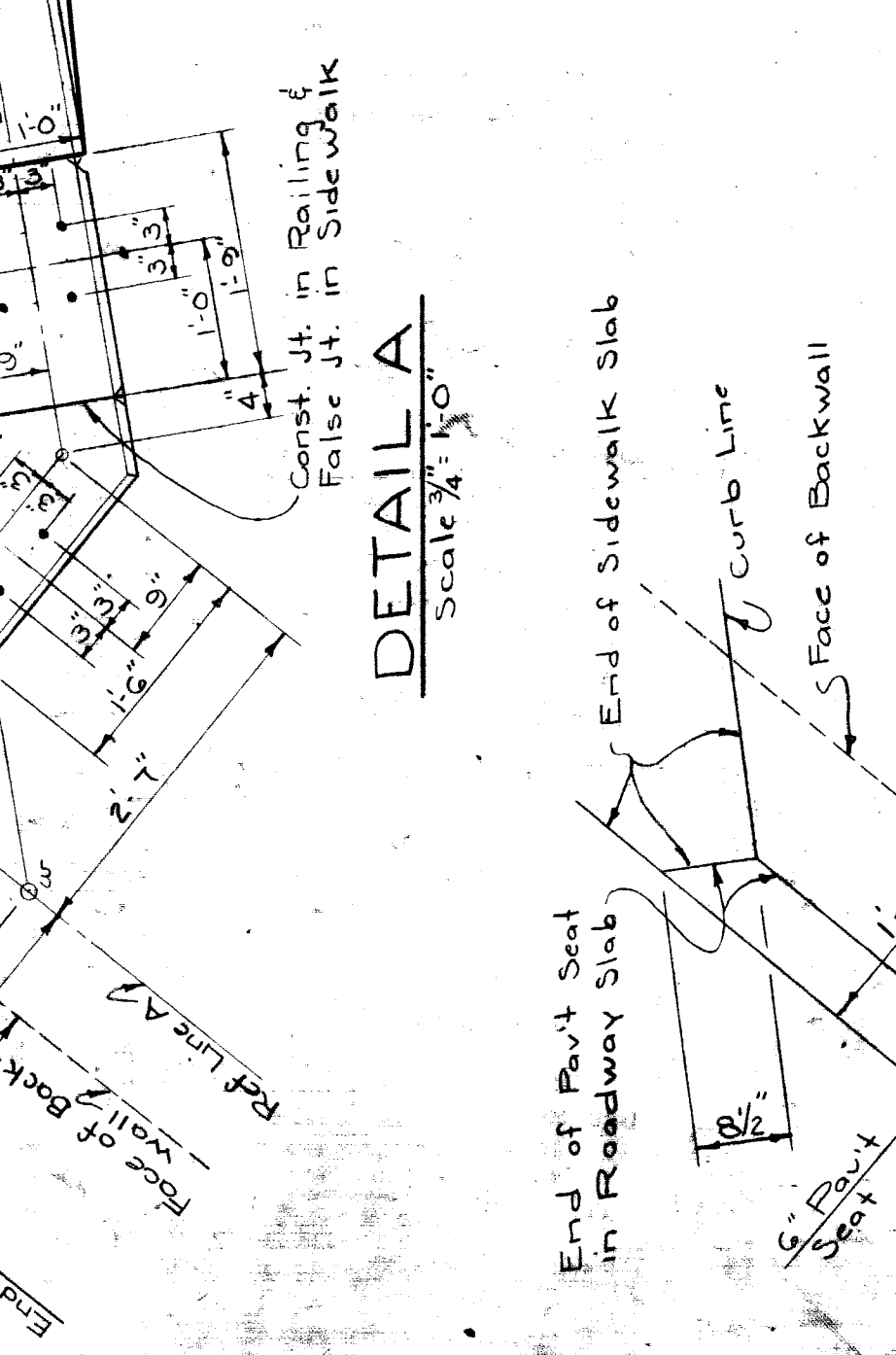
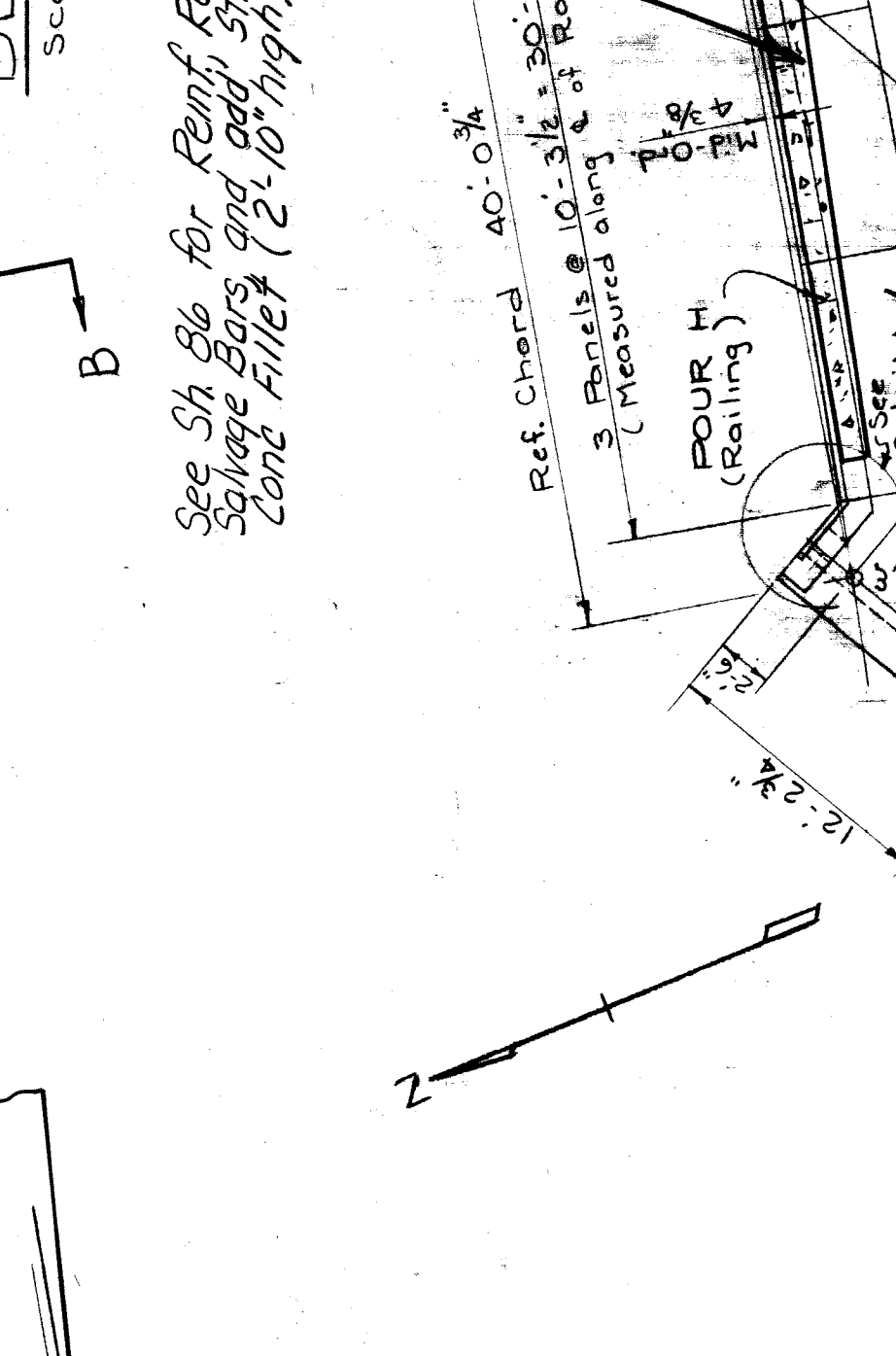
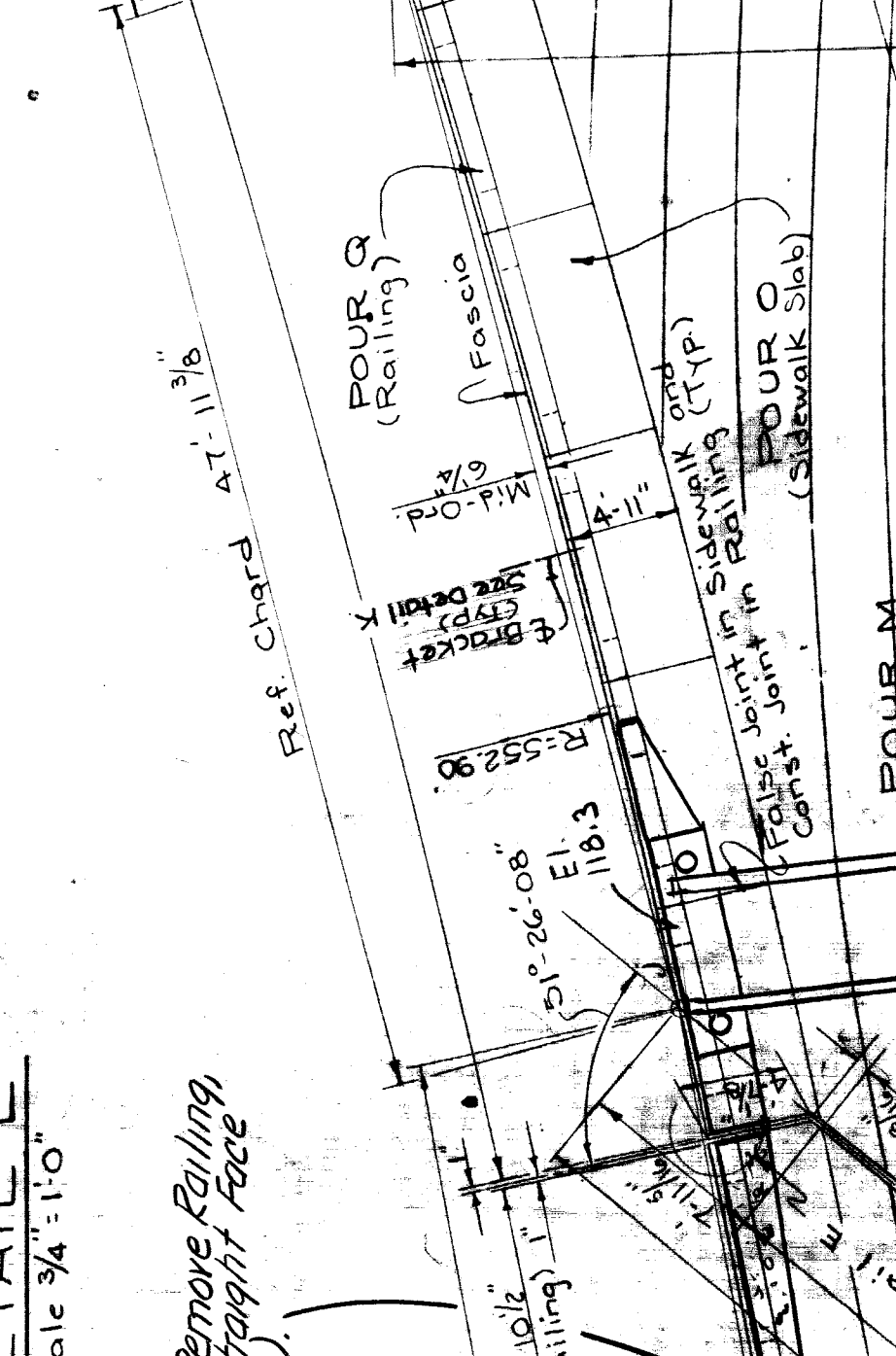
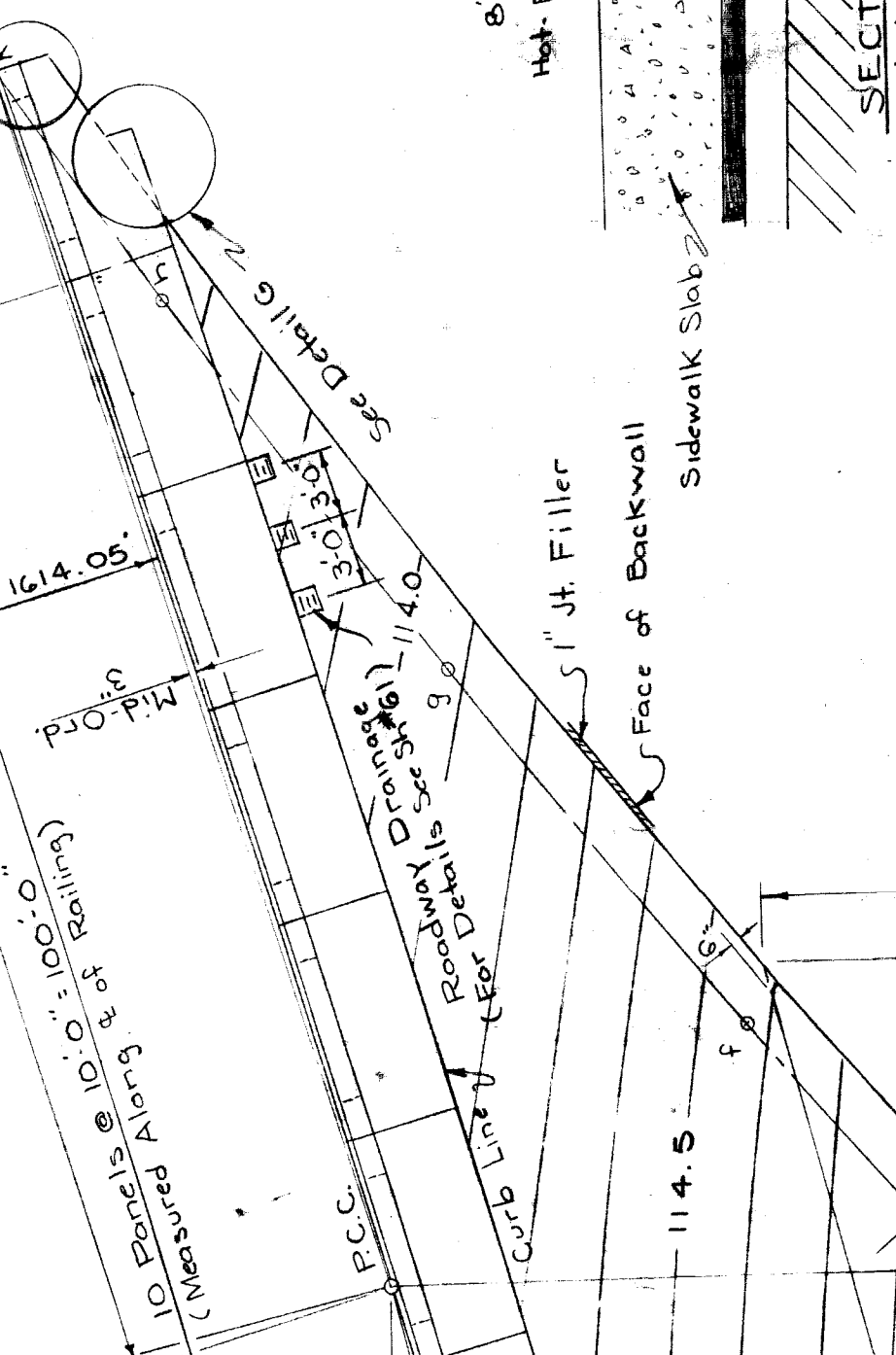
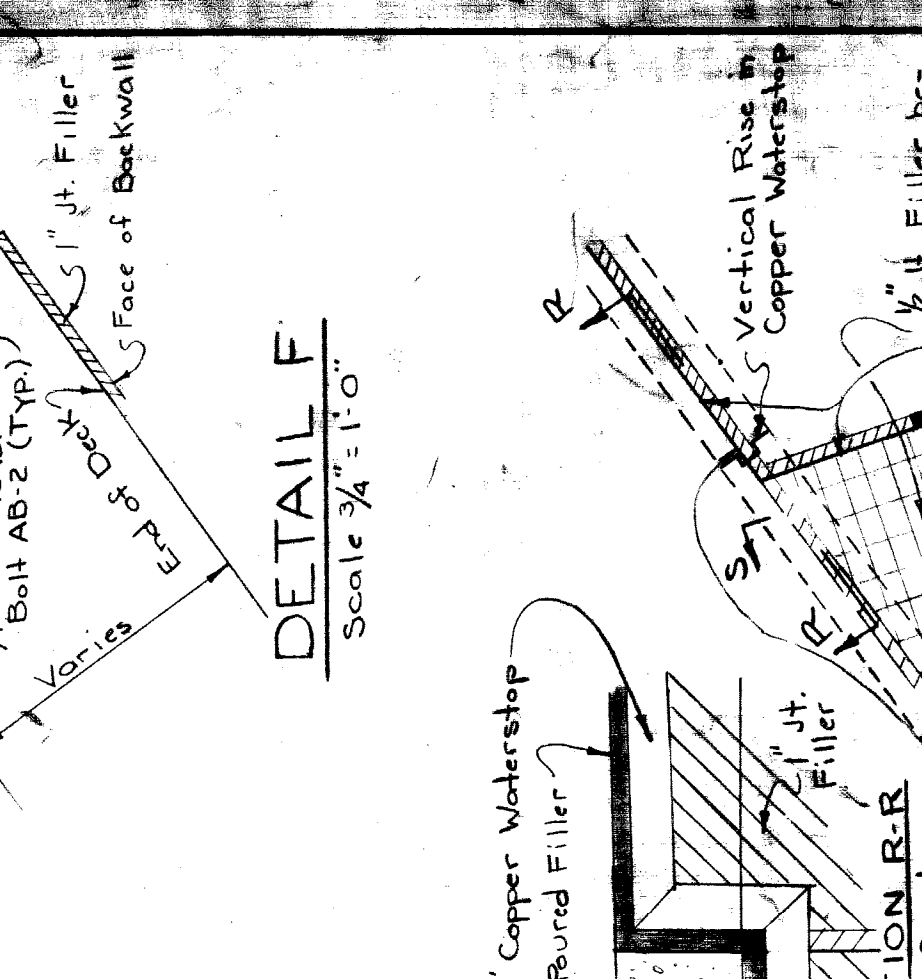
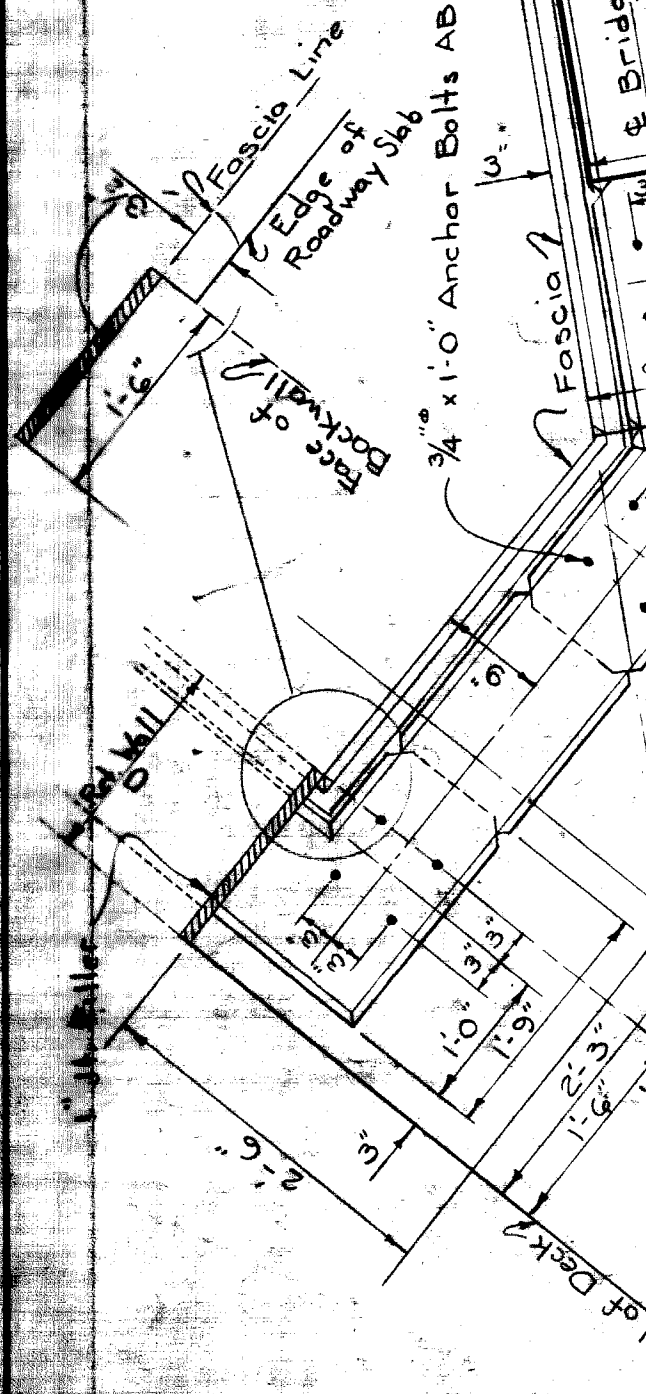
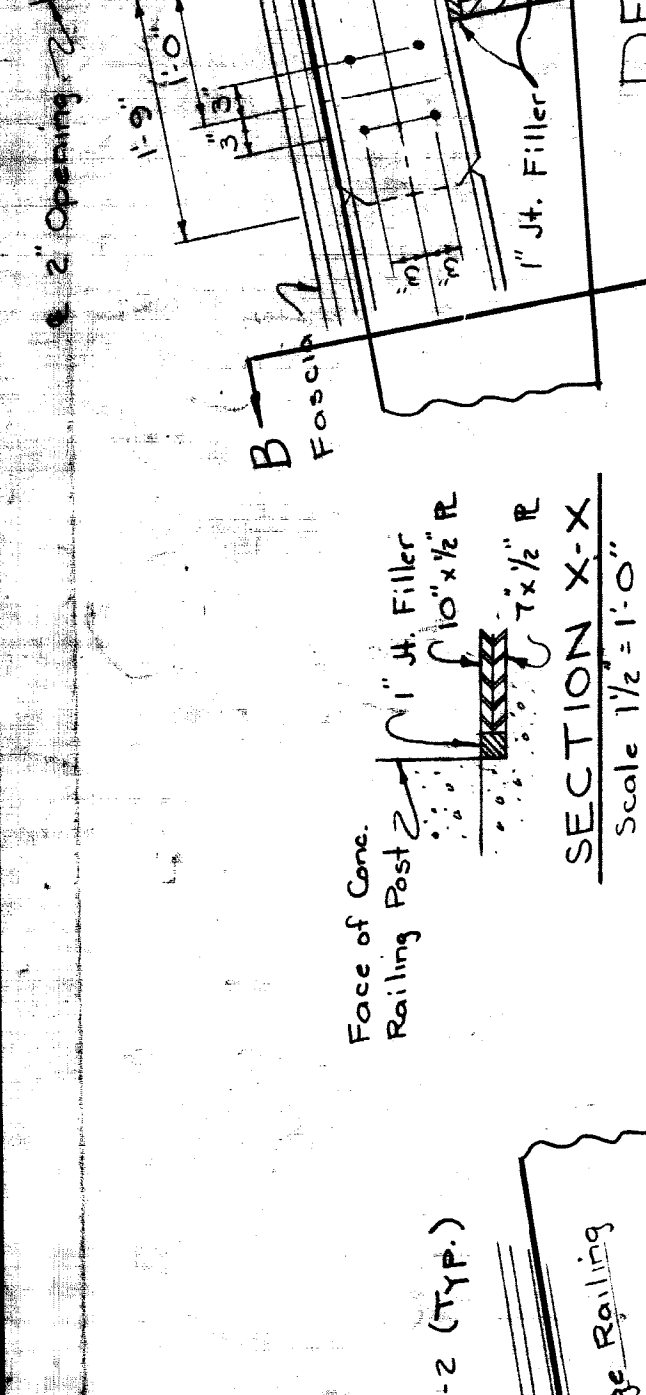
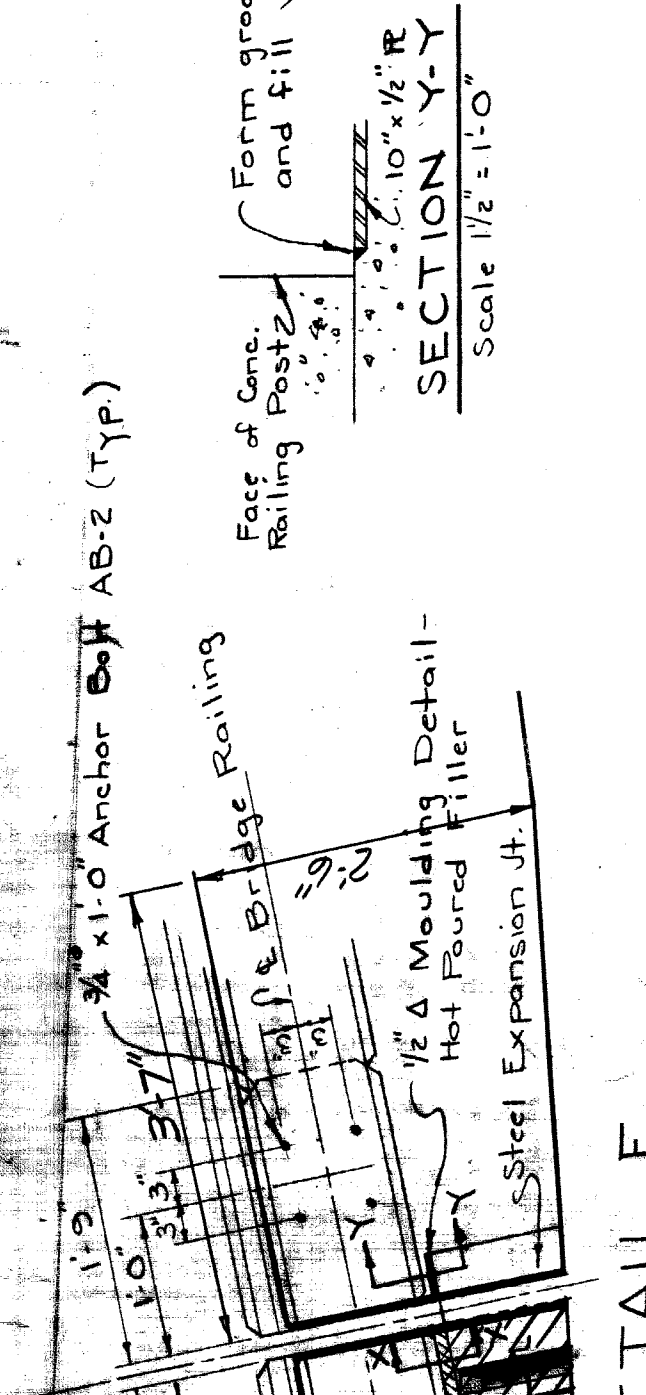
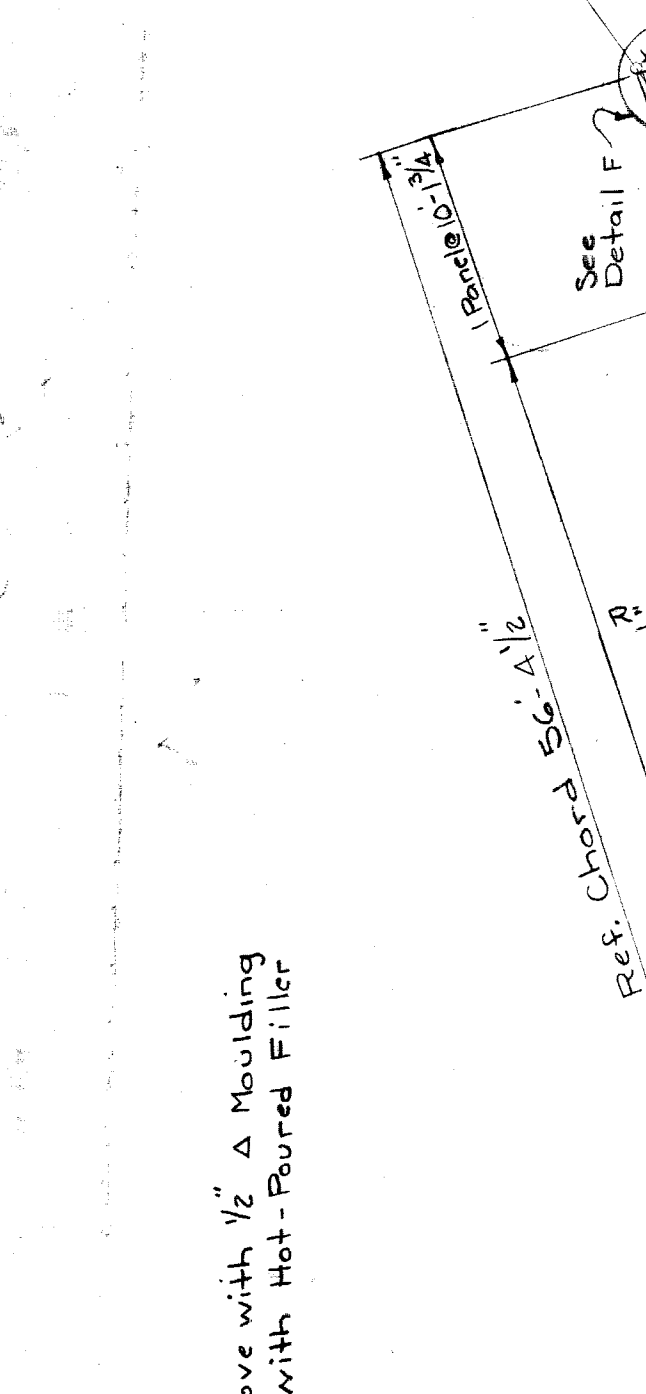
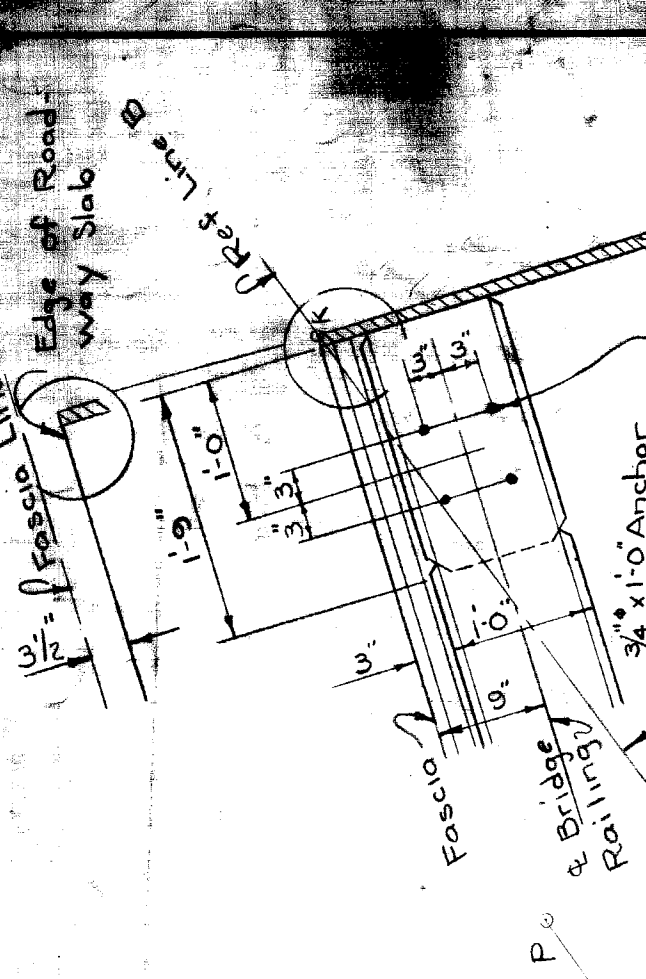
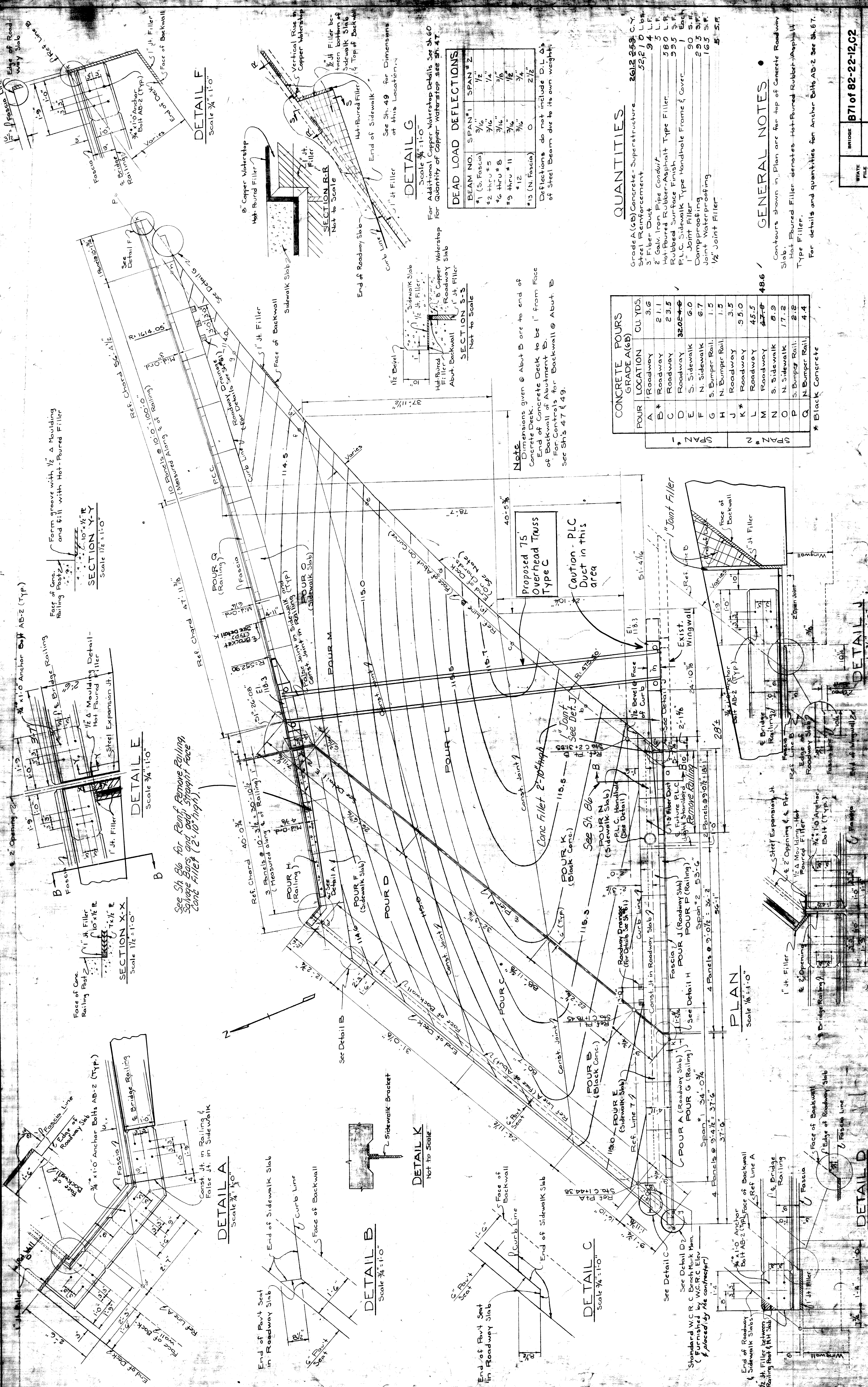
STATE PROJECT	COUNTY JOB
82-127	88568d
ISSUE NO. 3	SHEET NO.
DATE 1-6-57	

JOHN C. LODGE EXPRESSWAY
CIVIC CENTER AREA
SOUTHBOUND LODGE & RAMP C BRIDGES
GENERAL PLAN OF STRUCTURE

BOARD OF ROAD COMMISSIONERS
WAYNE COUNTY ROAD COMMISSIONERS
DETROIT, MICHIGAN

APPROVED	DATE
<i>[Signature]</i>	4-9-56
ENGINEER IN CHARGE AND STRUCTURES	
APPROVED	
<i>[Signature]</i>	
CITY ENGINEER	

REVISIONS
1. Rev. P.L.C. Light 5-26-58 MT 11FW



DEAD LOAD DEFLECTIONS

BEAM NO.	SPAN #1	SPAN #2
#1 (S. Fascia)	3/16"	1/2"
#2 thru #5	3/16"	1/4"
#6 thru #8	3/16"	3/16"
#9 thru #11	3/16"	1/2"
#12	3/16"	3/4"
#13 (N. Fascia)	0	2 1/2"

Deflections do not include D.L. of Steel Beam due to its own weight.

CONCRETE POURS

POUR LOCATION	CU. YDS.
A Roadway	3.6
B Roadway	21.1
C Roadway	23.5
D Roadway	32.0
E S. Sidewalk	6.7
F S. Bumper Rail	1.5
G Roadway	3.5
H Roadway	5.0
I Roadway	4.5
J S. Sidewalk	8.9
K S. Bumper Rail	2.2
L N. Bumper Rail	4.4

* Black Concrete

QUANTITIES

Grade A (CB) Concrete - Superstructure	2612.253	C.Y.
Steel Reinforcement	32270	Lbs.
Fiber Duct	94	L.F.
2 Galv. Iron Pipe Conduit	580	L.F.
Hot-Poured Rubber-Asphalt Type Filler	595	S.F.
PLC Sidewalk Type Handhole Frame & Cover	90	S.F.
1" Joint Filler	295	S.F.
Damp-proofing	165	S.F.
Joint Water-proofing	5	S.F.
1/2" Joint Filler	5	S.F.

GENERAL NOTES

- Contours shown in Plan are for top of Concrete Roadway Slab.
- Hot-Poured Filler denotes Hot-Poured Rubber-Asphalt Type Filler.
- For details and quantities for Anchor Bolts AB-2 See Sh. 67.

CONCRETE POURS

POUR A: Roadway 3.6

POUR B: Roadway 21.1

POUR C: Roadway 23.5

POUR D: Roadway 32.0

POUR E: S. Sidewalk 6.7

POUR F: S. Bumper Rail 1.5

POUR G: Roadway 3.5

POUR H: Roadway 5.0

POUR I: Roadway 4.5

POUR J: S. Sidewalk 8.9

POUR K: S. Bumper Rail 2.2

POUR L: N. Bumper Rail 4.4

DEAD LOAD DEFLECTIONS

BEAM NO. SPAN #1 SPAN #2

#1 (S. Fascia) 3/16" 1/2"

#2 thru #5 3/16" 1/4"

#6 thru #8 3/16" 3/16"

#9 thru #11 3/16" 1/2"

#12 3/16" 3/4"

#13 (N. Fascia) 0 2 1/2"

CONCRETE POURS

POUR A: Roadway 3.6

POUR B: Roadway 21.1

POUR C: Roadway 23.5

POUR D: Roadway 32.0

POUR E: S. Sidewalk 6.7

POUR F: S. Bumper Rail 1.5

POUR G: Roadway 3.5

POUR H: Roadway 5.0

POUR I: Roadway 4.5

POUR J: S. Sidewalk 8.9

POUR K: S. Bumper Rail 2.2

POUR L: N. Bumper Rail 4.4

GENERAL NOTES

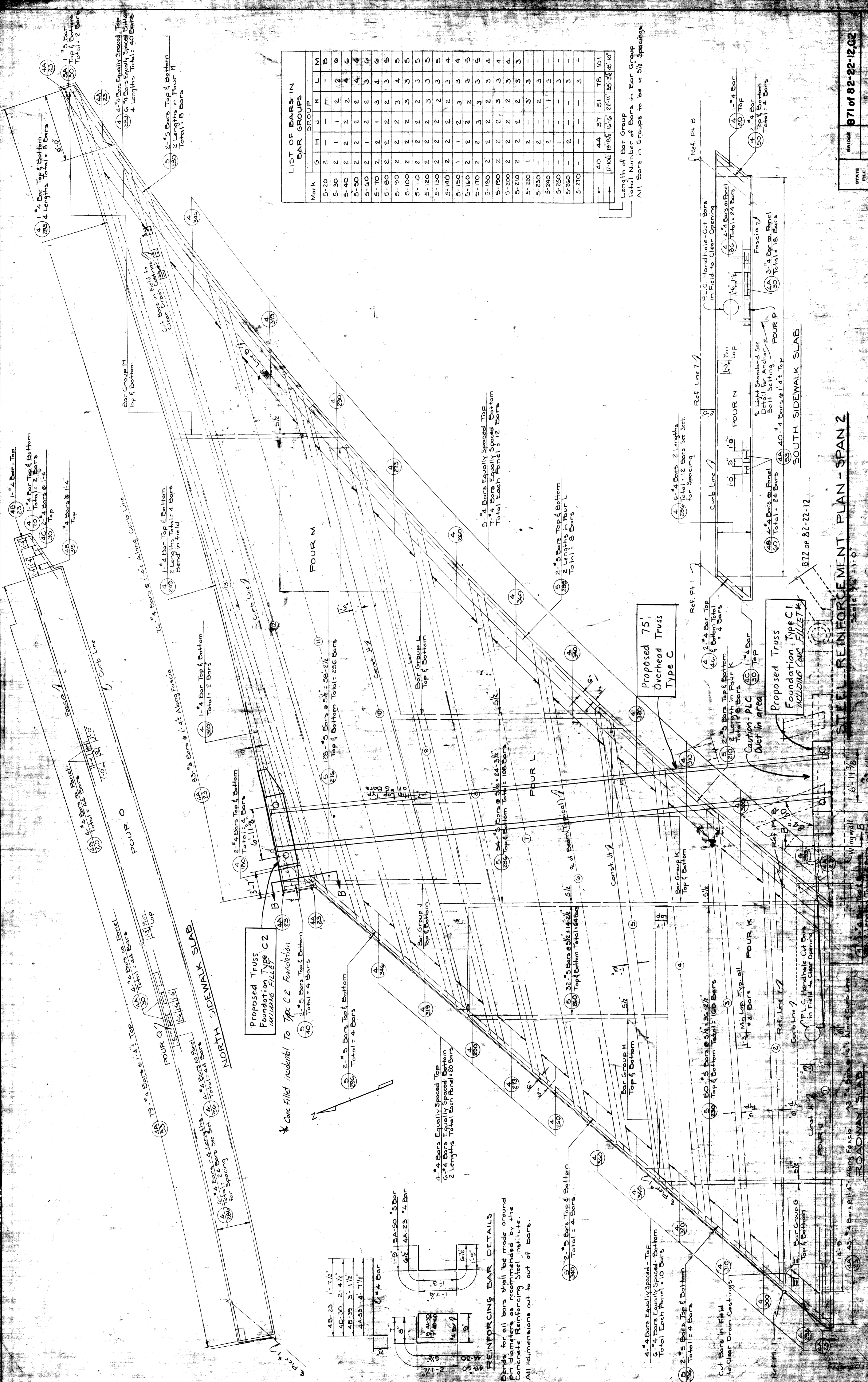
- Contours shown in Plan are for top of Concrete Roadway Slab.
- Hot-Poured Filler denotes Hot-Poured Rubber-Asphalt Type Filler.
- For details and quantities for Anchor Bolts AB-2 See Sh. 67.

Work this Sheet with Sheets 87, 96, 99, 100.

JOHN C. LODGE EXPRESSWAY
CIVIC CENTER AREA
SOUTHBOUND LODGE BRIDGE
DECK DETAILS

BRIDGE STATE PROJECT: 82-127 COUNTY JOB: 885C
 DATE: 8-2-57 SHEET NO.: 56
 SCALE: 3/4" = 1'-0"

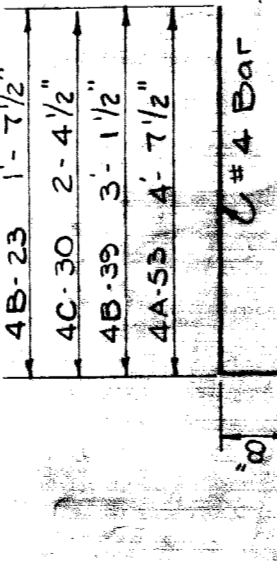
WAYNE COUNTY ROAD COMMISSIONERS
 BOARD OF DETROIT HIGHWAYS
 ENGINEER: S. A. ...



LIST OF BARS IN BAR GROUPS

Mark	G	H	J	K	L	M
5-20	2	1	1	1	1	1
5-30	2	1	1	1	1	1
5-40	2	2	2	2	2	2
5-50	2	2	2	2	2	2
5-60	2	1	2	2	2	2
5-70	2	2	1	3	4	4
5-80	2	2	2	2	3	3
5-90	2	2	2	2	3	4
5-100	2	2	2	2	3	3
5-110	2	2	2	2	3	3
5-120	2	2	2	2	3	3
5-130	2	2	2	2	3	3
5-140	2	2	2	2	3	4
5-150	1	1	2	2	3	4
5-160	2	2	2	2	3	3
5-170	2	2	2	2	3	3
5-180	2	2	2	2	3	4
5-190	2	2	2	2	3	4
5-200	2	2	2	2	3	4
5-210	2	2	2	2	3	3
5-220	1	2	2	2	3	3
5-230	2	2	2	2	3	3
5-240	2	2	2	2	3	3
5-250	2	2	2	2	3	3
5-260	2	2	2	2	3	3
5-270	2	2	2	2	3	3

Length of Bar Group
 Total Number of Bars in Bar Group
 All Bars in Groups to be at 5/8" Spacing



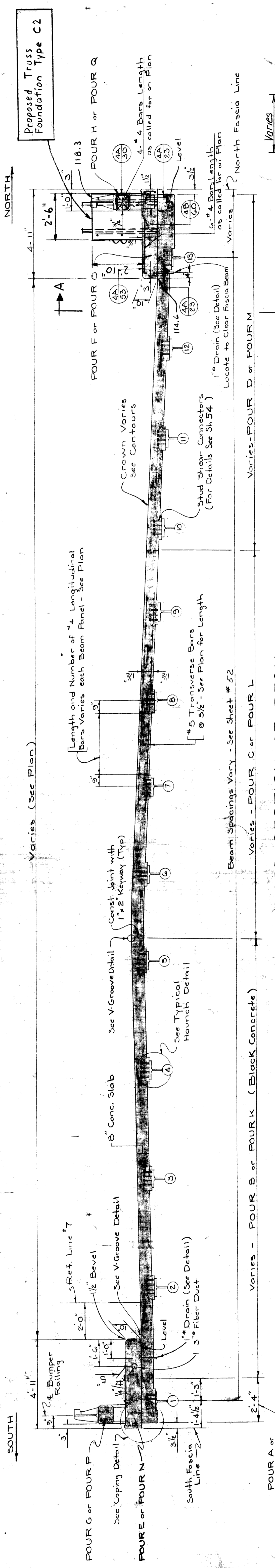
Bonds for all bars shall be made around
 pin diameters as recommended by the
 Concrete Reinforcing Steel Institute.
 All dimensions out to out of bars.

BRIDGE	STATE PROJECT	COUNTY	DATE
71 of 82-22-12, 02	82-127	885C	12-27-57

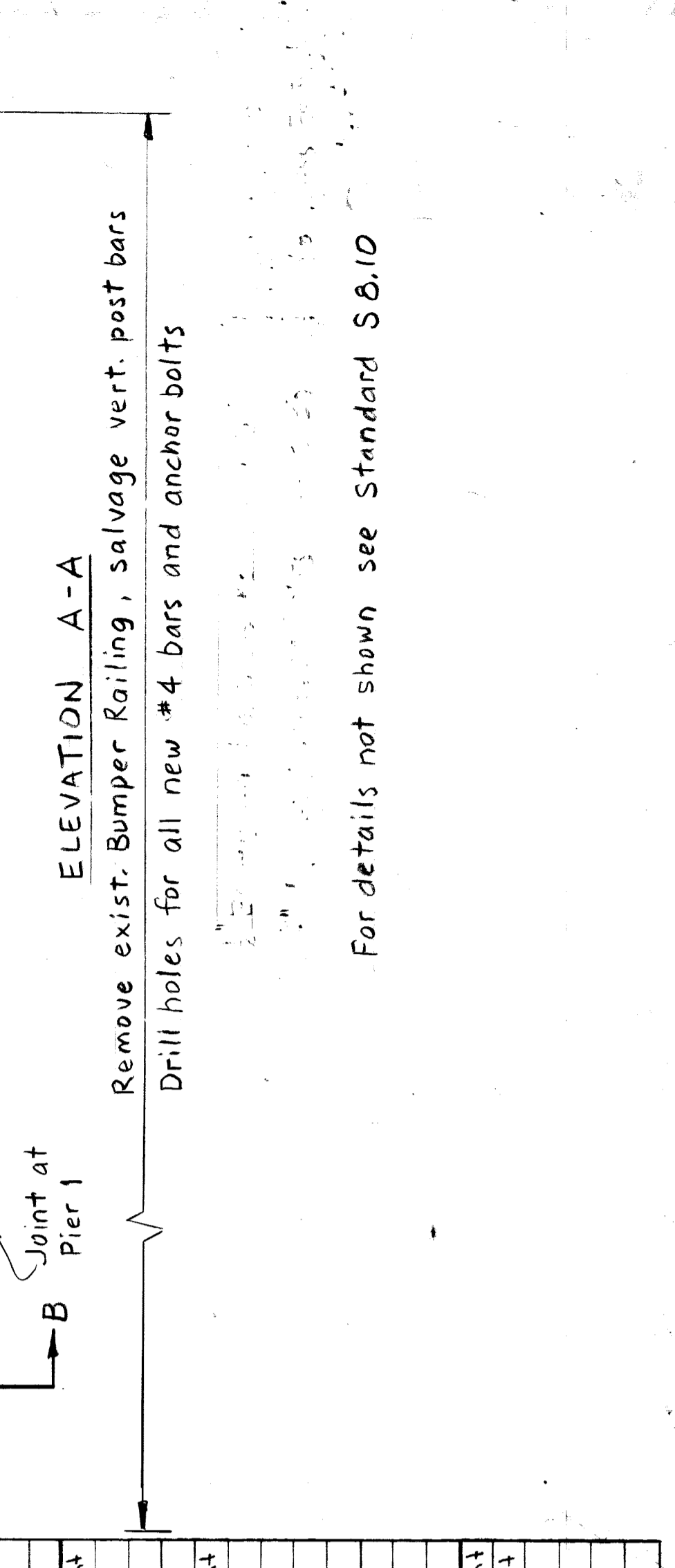
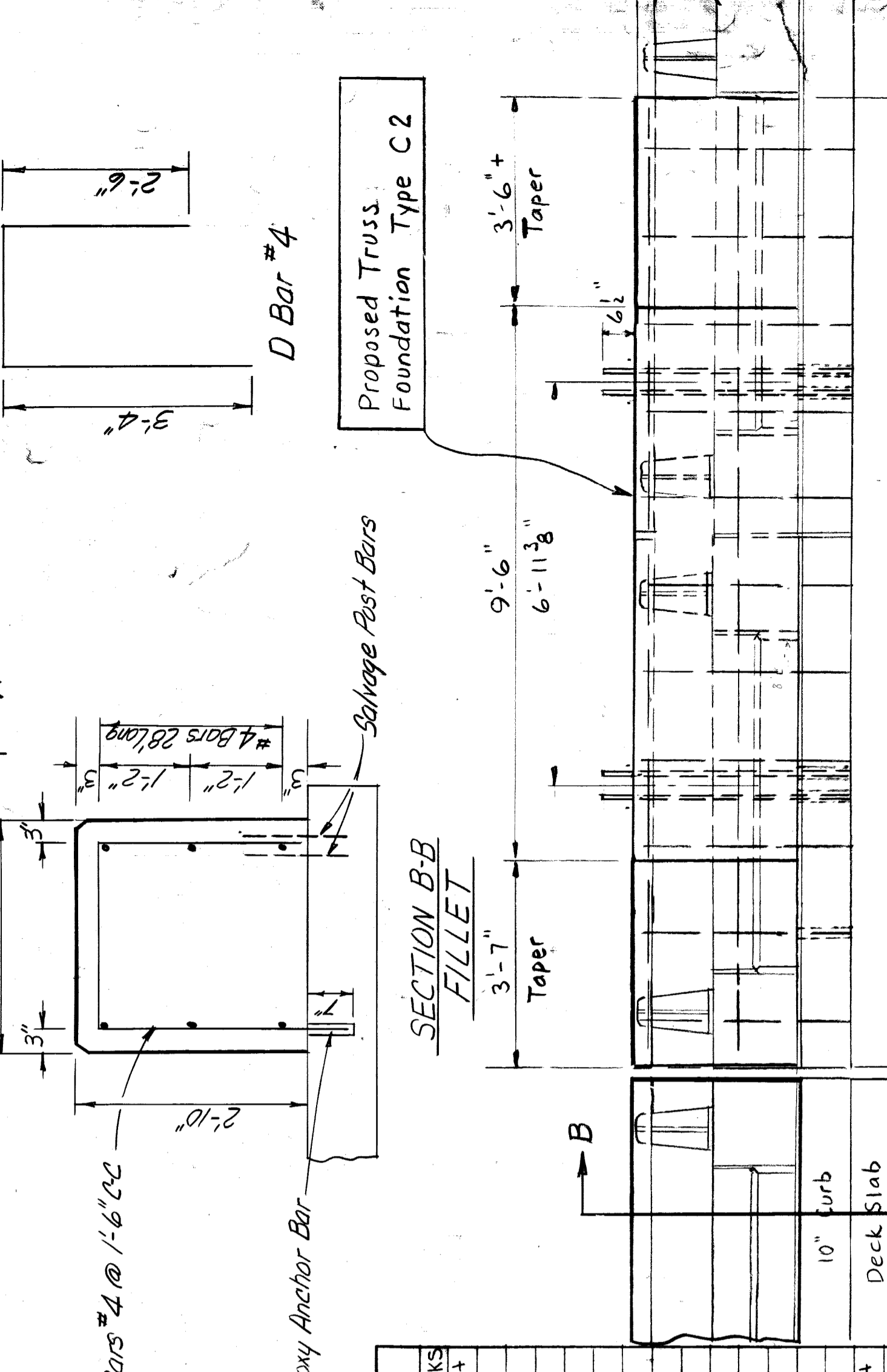
JOHN C. LODGE EXPRESSWAY
CIVIC CENTER AREA
SOUTHBOUND LODGE BRIDGE
DECK DETAILS (CONT'D)

WAYNE COUNTY ROAD COMMISSIONERS
 BOARD OF DETROIT, MICHIGAN

Scale 1/8" = 1'-0"
 Work this sheet with sheets 56, 57, 58, 60
 871 of 82-22-12, 02



TYPICAL CROSS SECTION OF DECK
Scale 3/8" = 1'-0"



BILL OF REINFORCING BARS - SPAN # 1			BILL OF REINFORCING BARS - SPAN # 2						
MARK	NO.	SIZE	LENGTH	REMARKS	MARK	NO.	SIZE	LENGTH	REMARKS
4-200	76	#4	20'-0"	Straight	4-360	22	#4	36'-0"	Straight
5-325	8	#5	32'-9"	Straight	4-346	32	"	34'-6"	"
5-300	7	"	30'-0"	"	4-340	22	"	34'-0"	"
5-280	11	"	28'-0"	"	4-320	24	"	32'-0"	"
5-270	7	"	27'-0"	"	4-319	32	"	31'-9"	"
5-240	10	"	24'-0"	"	4-310	22	"	31'-0"	"
5-230	82	"	23'-0"	"	4-300	22	"	30'-0"	"
5-220	10	"	22'-0"	"	4-293	22	"	29'-3"	"
5-210	94	"	21'-0"	"	4-289	4	"	28'-9"	"
5-200	130	"	20'-0"	"	4-283	48	"	28'-3"	"
5-190	20	"	19'-0"	"	4-273	32	"	27'-3"	"
5-180	22	"	18'-0"	"	4-260	32	"	26'-0"	"
5-170	26	"	17'-0"	"	4-249	4	"	24'-9"	"
5-160	26	"	16'-0"	"	4-180	4	"	18'-0"	Straight
5-150	26	"	15'-0"	"	4A-23	245	#4	2'-3"	Bent
5-140	26	"	14'-0"	"	4-286	36	#4	28'-6"	Straight
5-130	24	"	13'-0"	"	4-70	2	"	7'-0"	"
5-123	7	"	12'-3"	"	4-50	4	"	5'-0"	"
5-120	24	"	12'-0"	"	4-46	4	"	4'-6"	"
5-110	26	"	11'-0"	"	4-40	1	"	4'-0"	"
5-106	1	"	10'-6"	"	5-150	30	"	15'-0"	"
5-100	28	"	10'-0"	"	5-140	30	"	14'-0"	"
5-96	2	"	9'-6"	"	5-130	32	"	13'-0"	"
5-90	26	"	9'-0"	"	5-120	34	"	12'-0"	"
5-83	2	"	8'-3"	"	5-110	32	"	11'-0"	"
5-80	22	"	8'-0"	"	5-100	34	"	10'-0"	"
5-70	26	"	7'-0"	"	5-90	36	"	9'-0"	"
5-60	24	"	6'-0"	"	5-80	36	"	8'-0"	"
5-50	26	"	5'-0"	"	5-70	36	"	7'-0"	"
5-43	3	"	4'-3"	"	5-60	32	"	6'-0"	"
5-40	26	"	4'-0"	"	5-50	34	"	5'-0"	"
5-30	22	"	3'-0"	"	5-40	34	"	4'-0"	"
5-20	6	"	2'-0"	Straight	5-30	28	"	3'-0"	"
4-226	34	#4	22'-6"	Straight	5-20	20	#5	2'-0"	Straight
4-216	45	"	21'-6"	"	5A-30	2	#5	3'-0"	Bent
4-210	76	#4	21'-0"	Straight					

BILL OF REINFORCING BARS - SPAN # 1			BILL OF REINFORCING BARS - SPAN # 2						
MARK	NO.	SIZE	LENGTH	REMARKS	MARK	NO.	SIZE	LENGTH	REMARKS
4-200	76	#4	20'-0"	Straight	4-360	22	#4	36'-0"	Straight
5-325	8	#5	32'-9"	Straight	4-346	32	"	34'-6"	"
5-300	7	"	30'-0"	"	4-340	22	"	34'-0"	"
5-280	11	"	28'-0"	"	4-320	24	"	32'-0"	"
5-270	7	"	27'-0"	"	4-319	32	"	31'-9"	"
5-240	10	"	24'-0"	"	4-310	22	"	31'-0"	"
5-230	82	"	23'-0"	"	4-300	22	"	30'-0"	"
5-220	10	"	22'-0"	"	4-293	22	"	29'-3"	"
5-210	94	"	21'-0"	"	4-289	4	"	28'-9"	"
5-200	130	"	20'-0"	"	4-283	48	"	28'-3"	"
5-190	20	"	19'-0"	"	4-273	32	"	27'-3"	"
5-180	22	"	18'-0"	"	4-260	32	"	26'-0"	"
5-170	26	"	17'-0"	"	4-249	4	"	24'-9"	"
5-160	26	"	16'-0"	"	4-180	4	"	18'-0"	Straight
5-150	26	"	15'-0"	"	4A-23	245	#4	2'-3"	Bent
5-140	26	"	14'-0"	"	4-286	36	#4	28'-6"	Straight
5-130	24	"	13'-0"	"	4-70	2	"	7'-0"	"
5-123	7	"	12'-3"	"	4-50	4	"	5'-0"	"
5-120	24	"	12'-0"	"	4-46	4	"	4'-6"	"
5-110	26	"	11'-0"	"	4-40	1	"	4'-0"	"
5-106	1	"	10'-6"	"	5-150	30	"	15'-0"	"
5-100	28	"	10'-0"	"	5-140	30	"	14'-0"	"
5-96	2	"	9'-6"	"	5-130	32	"	13'-0"	"
5-90	26	"	9'-0"	"	5-120	34	"	12'-0"	"
5-83	2	"	8'-3"	"	5-110	32	"	11'-0"	"
5-80	22	"	8'-0"	"	5-100	34	"	10'-0"	"
5-70	26	"	7'-0"	"	5-90	36	"	9'-0"	"
5-60	24	"	6'-0"	"	5-80	36	"	8'-0"	"
5-50	26	"	5'-0"	"	5-70	36	"	7'-0"	"
5-43	3	"	4'-3"	"	5-60	32	"	6'-0"	"
5-40	26	"	4'-0"	"	5-50	34	"	5'-0"	"
5-30	22	"	3'-0"	"	5-40	34	"	4'-0"	"
5-20	6	"	2'-0"	Straight	5-30	28	"	3'-0"	"
4-226	34	#4	22'-6"	Straight	5-20	20	#5	2'-0"	Straight
4-216	45	"	21'-6"	"	5A-30	2	#5	3'-0"	Bent
4-210	76	#4	21'-0"	Straight					

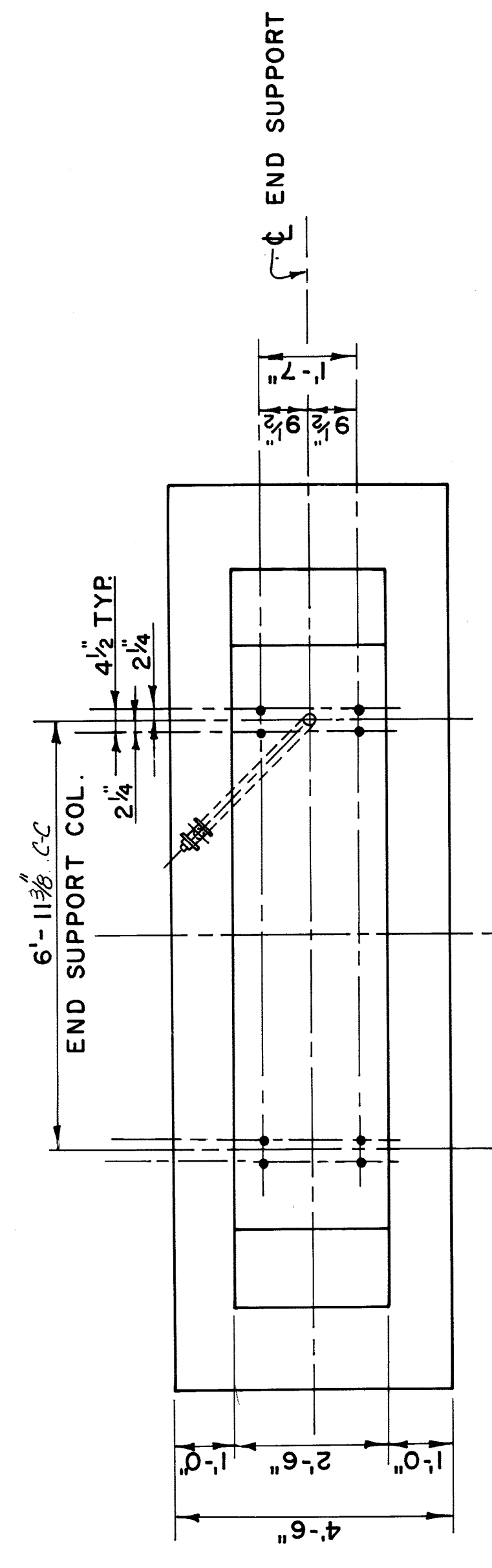
Wayne County Road Commissioners
 Board of Wayne County Road Commissioners
 Detroit, Michigan
 William E. Keiser
 Michael J. O'Brien
 Charles L. Wilson

John C. Lodge Expressway
 Civic Center Area
 Southbound Lodge Bridge
 Deck Details (Cont'd)

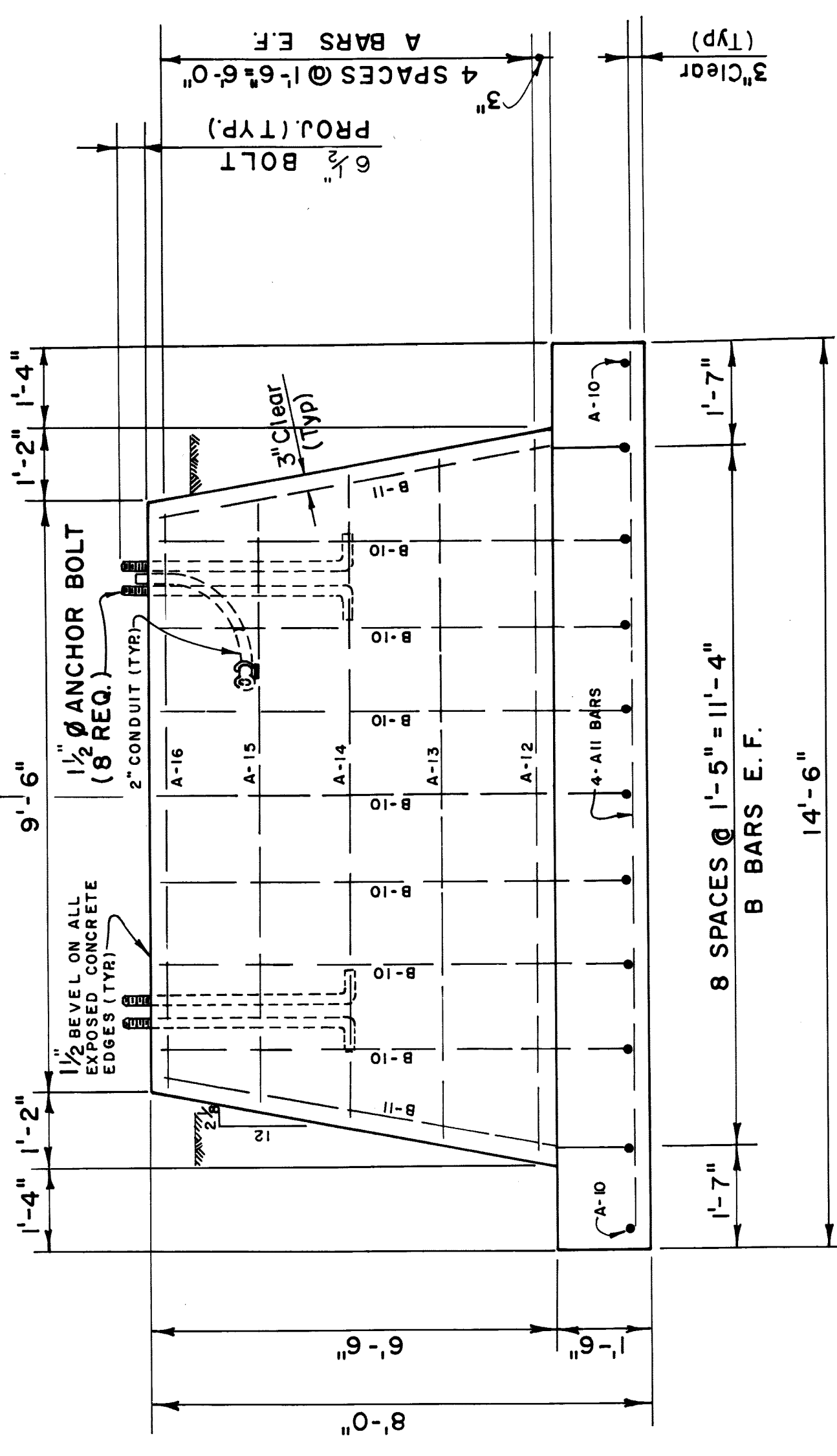
Mark this sheet with sheets #56, 57, 58 & 60

STATE PROJECT 82-127
 COUNTY JOB 885c
 ISSUE NO. / SHEET NO. 59
 DATE 12-12-57

BRIDGE STATE FILE ROAD B71 of 82-22-12,C2



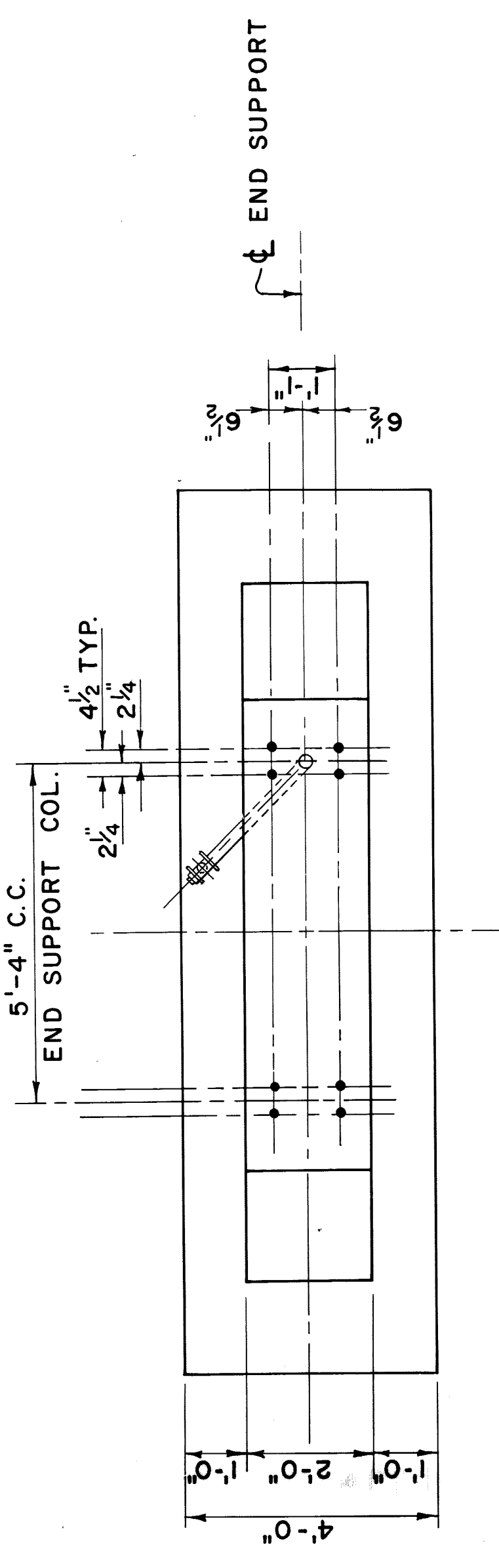
P L A N



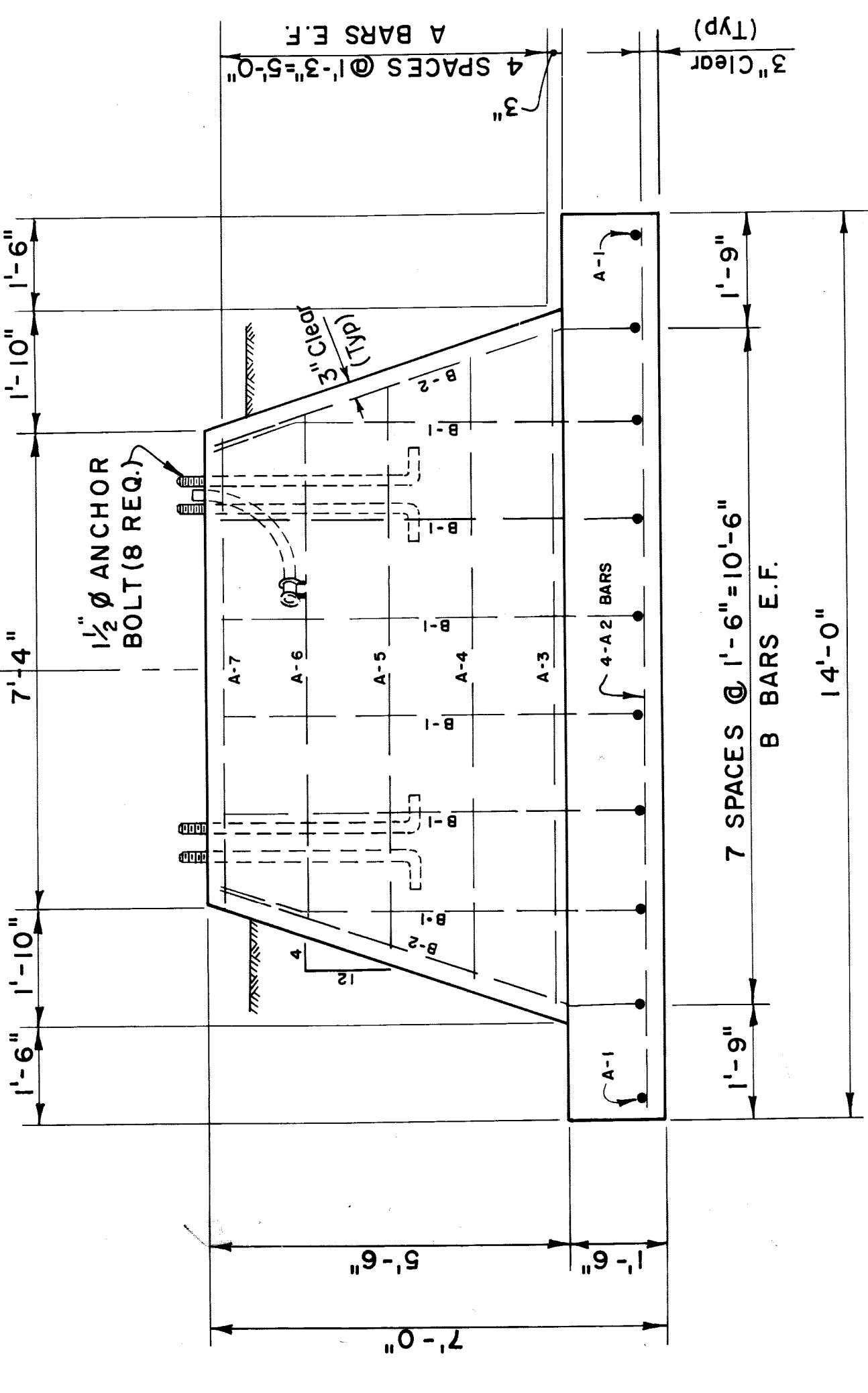
ELEVATION

BAR SIZE	DIMENSIONS	NO. REQ.
A-10	#4 4'-0"	2
A-11	#4 14'-0"	4
A-12	#4 11'-3"	2
A-13	#4 10'-8"	2
A-14	#4 10'-2"	2
A-15	#4 9'-7"	2
A-16	#4 9'-1"	2
B-10	#4 1'-1 3/4" 3'-0"	14
B-11	#4 1'-7 1/2" 3'-0"	4

10.0 CU. YDS. CONC.
237* REINF. STEEL



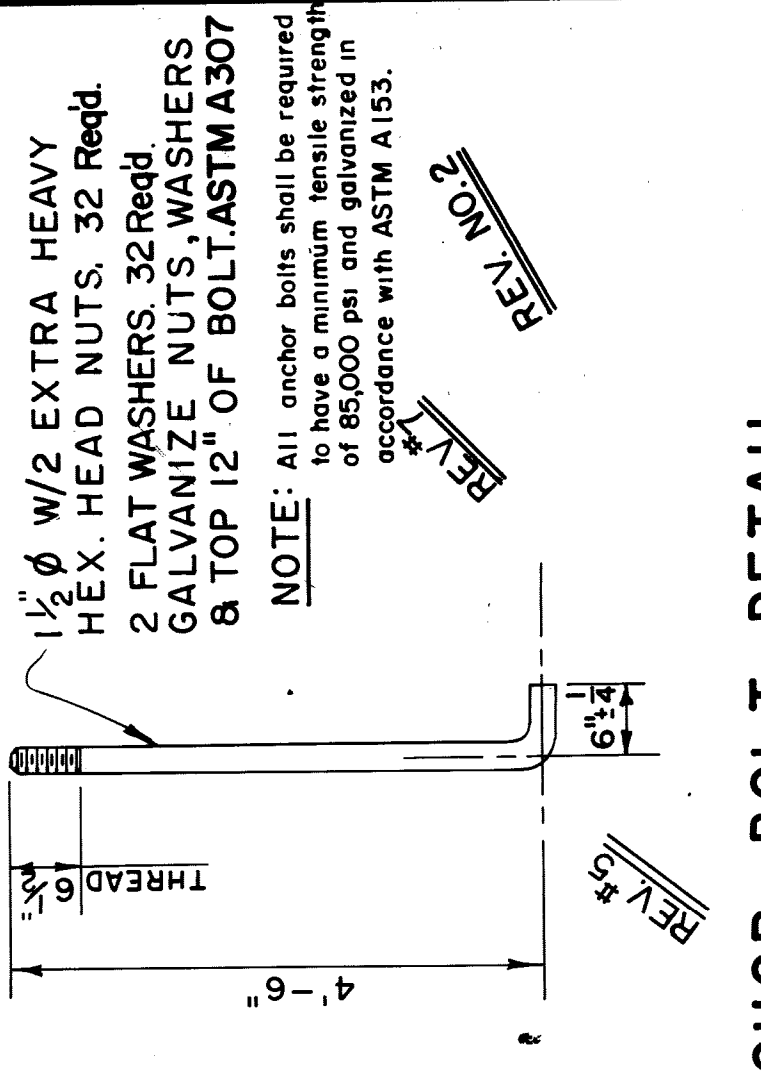
P L A N



ELEVATION

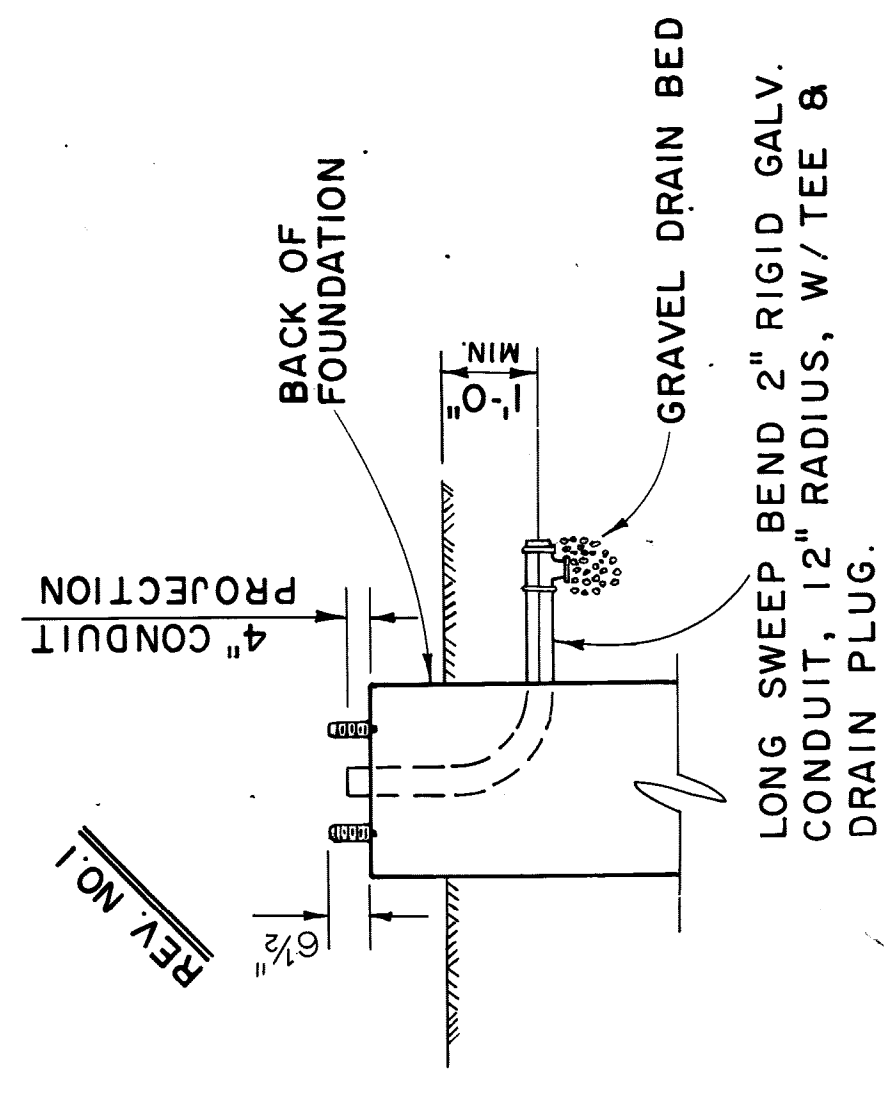
BAR SIZE	DIMENSIONS	NO. REQ.
A-1	#4 3'-6"	2
A-2	#4 13'-6"	4
A-3	#4 10'-4"	2
A-4	#4 9'-6"	2
A-5	#4 8'-8"	2
A-6	#4 7'-10"	2
A-7	#4 7'-0"	2
B-1	#4 1'-0 3/4" 2'-6"	12
B-2	#4 1'-0 3/4" 2'-6"	4

6.82 CU. YDS. CONC.
196* REINF. STEEL



ANCHOR BOLT DETAIL

1/6 Required



CONDUIT DETAIL

- NOTES:
- 1) CONDUIT SHALL BE INSTALLED IN RIGHT FOUNDATION OR AS OTHERWISE SPECIFIED BY THE ENGINEER.
 - 2) TOP OF CONC. SHALL BE 3" MIN. ABOVE GROUND (DESIRABLE)
 - 3) ANCHOR BOLTS SHALL BE CAREFULLY SET AND HELD VERTICAL AT THE CORRECT LOCATION AND AT THE PROPER ELEVATION UNTIL CONCRETE HAS SET, IF DESIRED, EACH SET OF FOUR BOLTS MAY BE TIED TOGETHER NEAR THE TOP AND BOTTOM BY WELDING INTO A BASKET WITH BAR STOCK OR EQUIVALENT MATERIAL.

MICHIGAN DEPARTMENT OF TRANSPORTATION
TRUSS FOUNDATION
TYPE B, C

NO.	REVISIONS	DATE	BY
1	WIRE ENTRANCE	11/66	T.M.W.
2	ANCHOR BOLT LENGTH CHG.	3-5-67	T.M.W.
3	REINFORC. DIMENSION CHANGE	3/20/67	T.M.W.
4	NOTE ADDED	5-25-69	T.M.W.

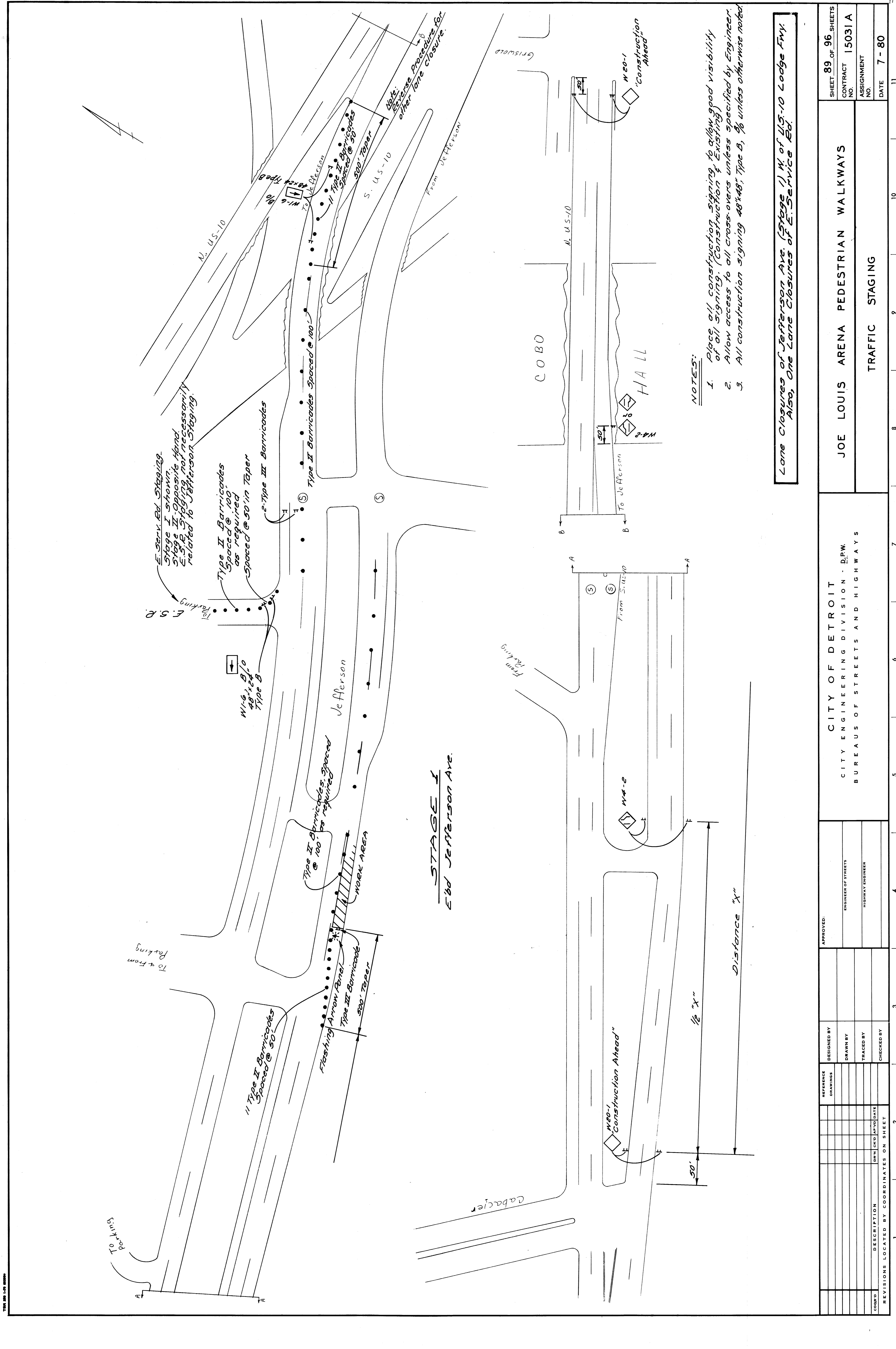
QUANTITIES ADDED TO ANCHOR BOLT DETAIL
6/73 T.M.W.
2/74 JDB

TYPE B
SCALE 1/2"=1'-0"

TYPE C
SCALE 1/2"=1'-0"

7 Anchor Bolt Note Changed 2/76

SHEET 1 OF 1
S8.10
15031A
87 OF 242
R-42.2



E. Serv. Ed. Staging
 Stage I shown.
 Stage II: Opposite hand
 E. S. B. Staging not necessarily
 related to Jefferson Staging.

Type II Barricades
 Spaced @ 100'
 as required
 Spaced @ 50' in Taper

Type II Barricades Spaced @ 100'

Type II Barricades Spaced @ 100'
 as required

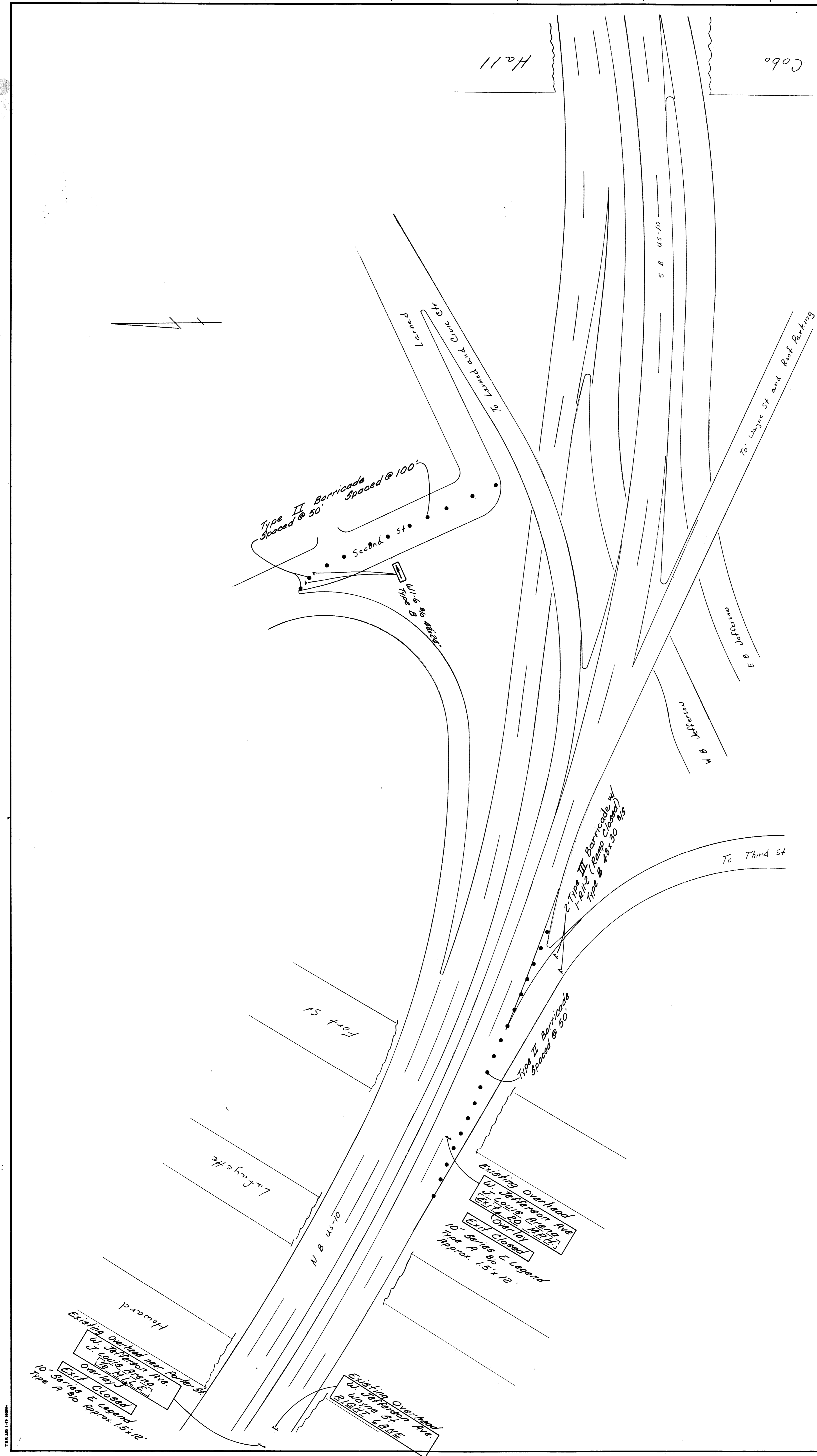
STAGE I
E 60th Jefferson Ave.

- NOTES:**
1. Place all construction signing to allow good visibility of all signing. (Construction if Existing)
 2. Allow access to all cross-overs unless specified by Engineer.
 3. All construction signing 48"x48", Type B, 3/8 unless otherwise noted.

Lane Closures of Jefferson Ave. (Stage I) W of U.S.-10 Lodge Fwy.
 Also, One Lane Closures of E. Service Ed.

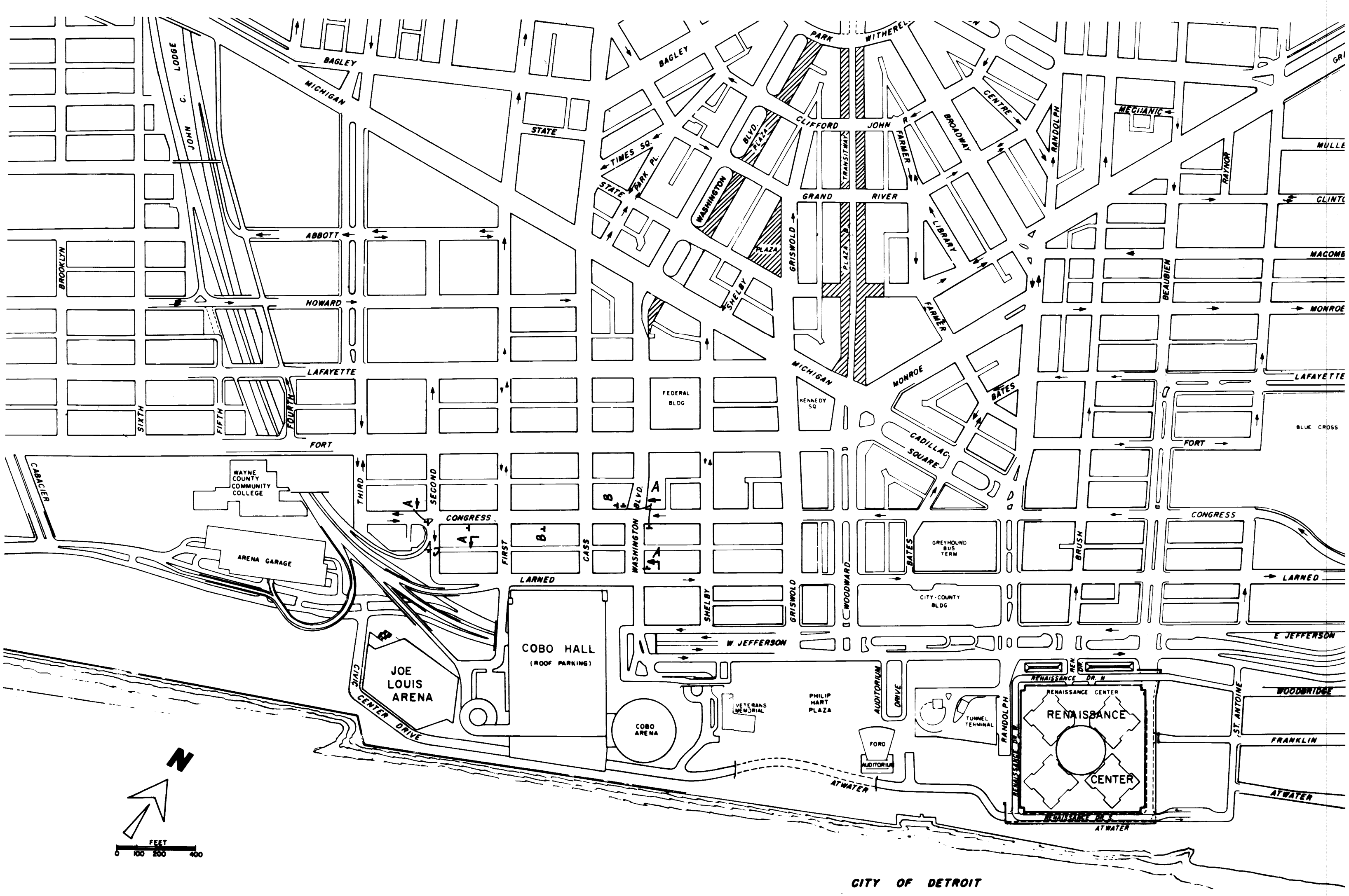
SHEET 89 OF 96 SHEETS		CONTRACT NO. 15031A	
DESIGNED BY		ENGINEER OF STREETS	
DRAWN BY		HIGHWAY ENGINEER	
TRACED BY			
CHECKED BY			
REFERENCE DRAWINGS	APPROVED:	CITY OF DETROIT	
		CITY ENGINEERING DIVISION - D.P.W.	
		BUREAUS OF STREETS AND HIGHWAYS	
DESCRIPTION	DATE	7	
COORD.	DATE	8	
REVISIONS LOCATED BY COORDINATES ON SHEET		9	
		10	
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ASSIGNMENT NO. 7-80
 DATE



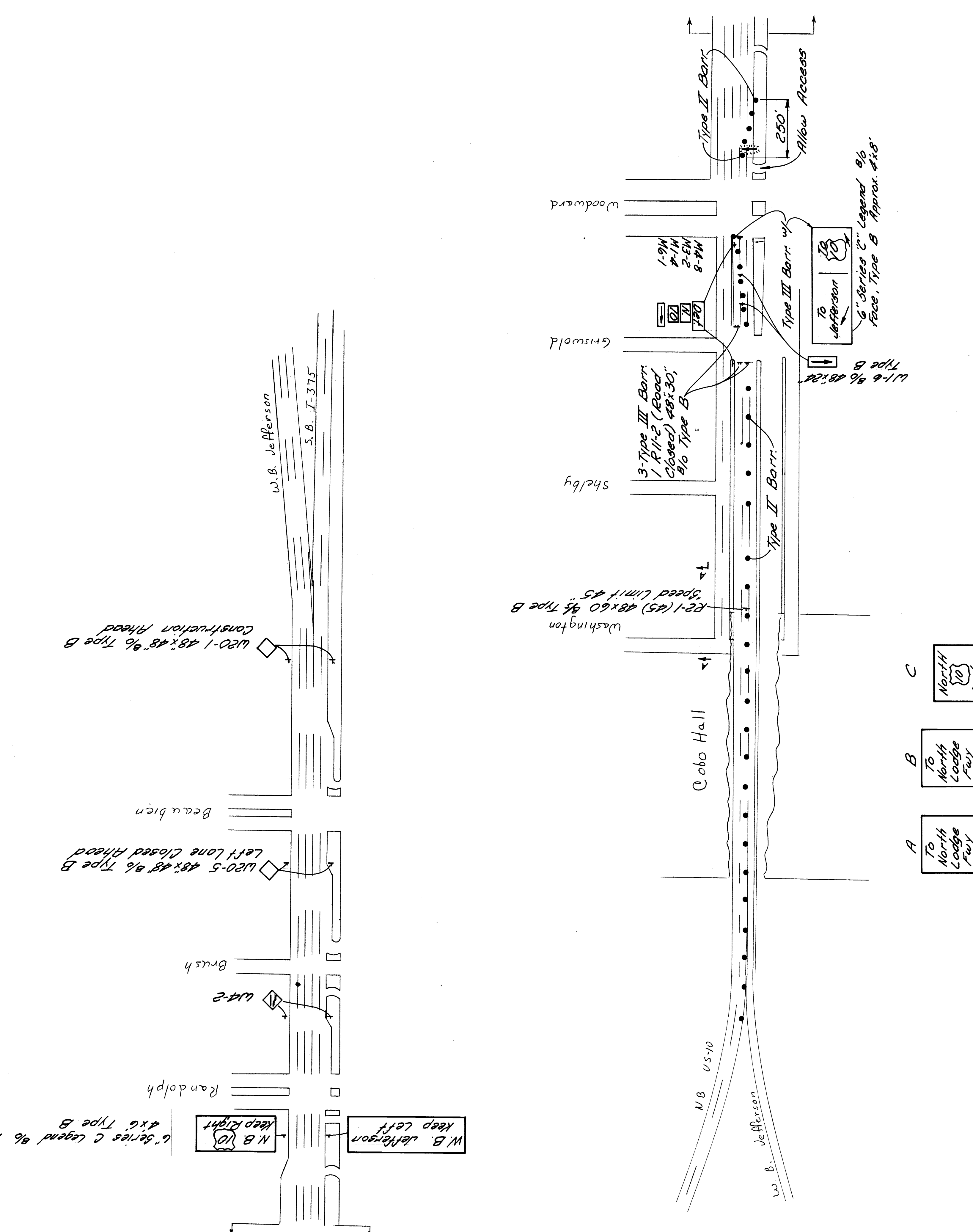
Closure of Exit Ramp from S. U.S. 10 to W. Jefferson
& Closure of W. Half Second Ave. Bet. Larned & Congress.

SHEET 91 OF 96 SHEETS		CONTRACT NO. 15031A		ASSIGNMENT NO.		DATE 7-80	
JOE LOUIS ARENA PEDESTRIAN WALKWAYS				TRAFFIC STAGING			
CITY OF DETROIT CITY ENGINEERING DIVISION - D.P.W. BUREAU OF STREETS AND HIGHWAYS				CITY OF DETROIT CITY ENGINEERING DIVISION - D.P.W. BUREAU OF STREETS AND HIGHWAYS			
DESIGNED BY	ENGINEER OF STREETS	APPROVED:	ENGINEER OF STREETS	DESIGNED BY	ENGINEER OF STREETS	APPROVED:	ENGINEER OF STREETS
DRAWN BY	HIGHWAY ENGINEER	DESIGNED BY	HIGHWAY ENGINEER	DRAWN BY	HIGHWAY ENGINEER	DESIGNED BY	HIGHWAY ENGINEER
TRACED BY		TRACED BY		TRACED BY		TRACED BY	
CHECKED BY		CHECKED BY		CHECKED BY		CHECKED BY	
COORD	DESCRIPTION	DATE	DATE	COORD	DESCRIPTION	DATE	DATE
REVISIONS LOCATED BY COORDINATES ON SHEET							



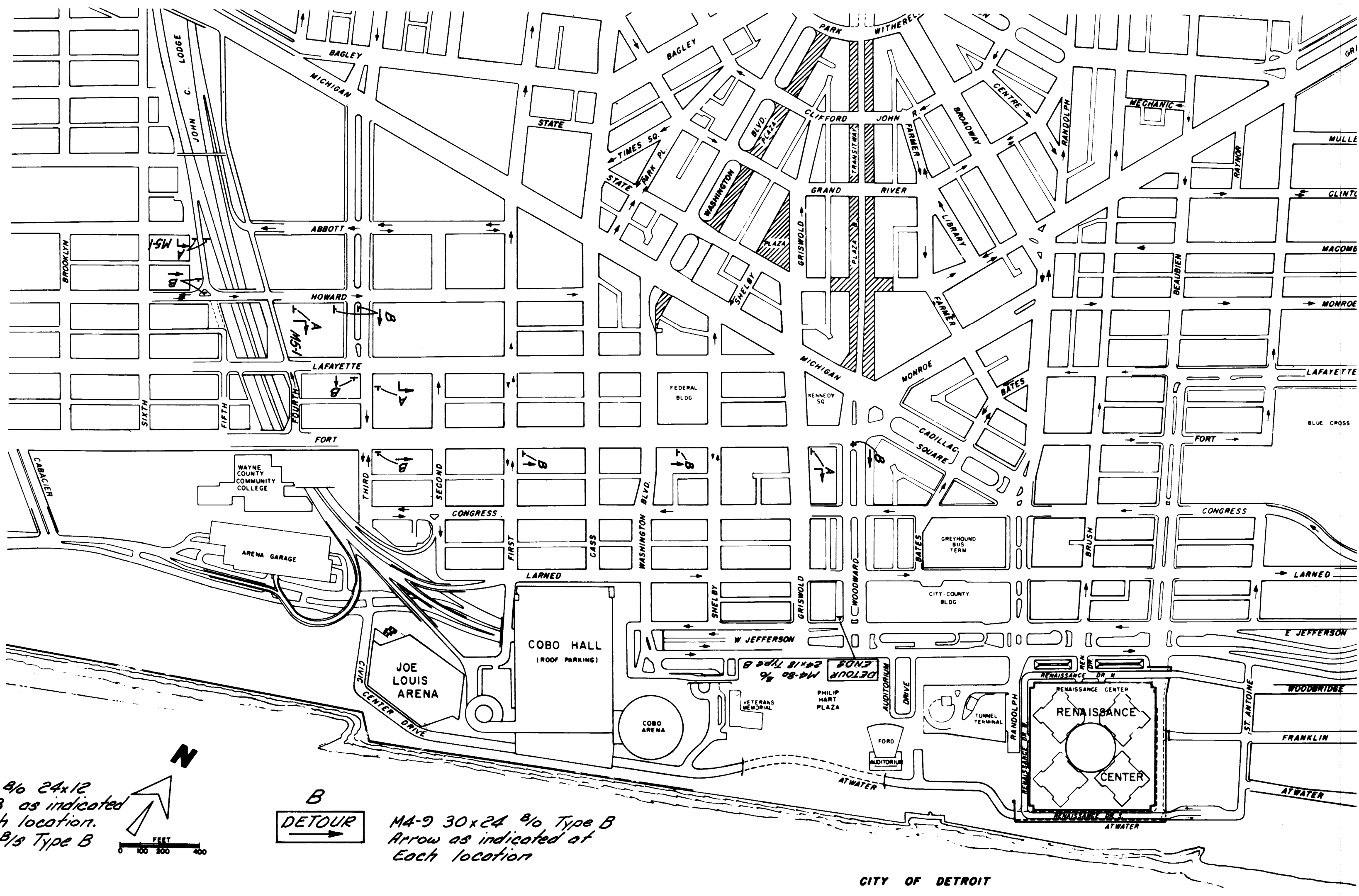
Closure of North U.S. 10 Lodge Fwy. of Jefferson

SHEET 92 OF 96 SHEETS		CONTRACT NO. 15031A	
ASSIGNMENT NO.		DATE 7-80	
CITY OF DETROIT		JOE LOUIS ARENA PEDESTRIAN WALKWAYS	
CITY ENGINEERING DIVISION - DRW.		TRAFFIC STAGING	
BUREAU OF STREETS AND HIGHWAYS			
DESIGNED BY	ENGINEER OF STREETS	APPROVED	
DRAWN BY	HIGHWAY ENGINEER		
TRACED BY			
CHECKED BY			
DESCRIPTION	DRN LK'D (APVD) DATE		
REVISIONS LOCATED BY COORDINATES ON SHEET			



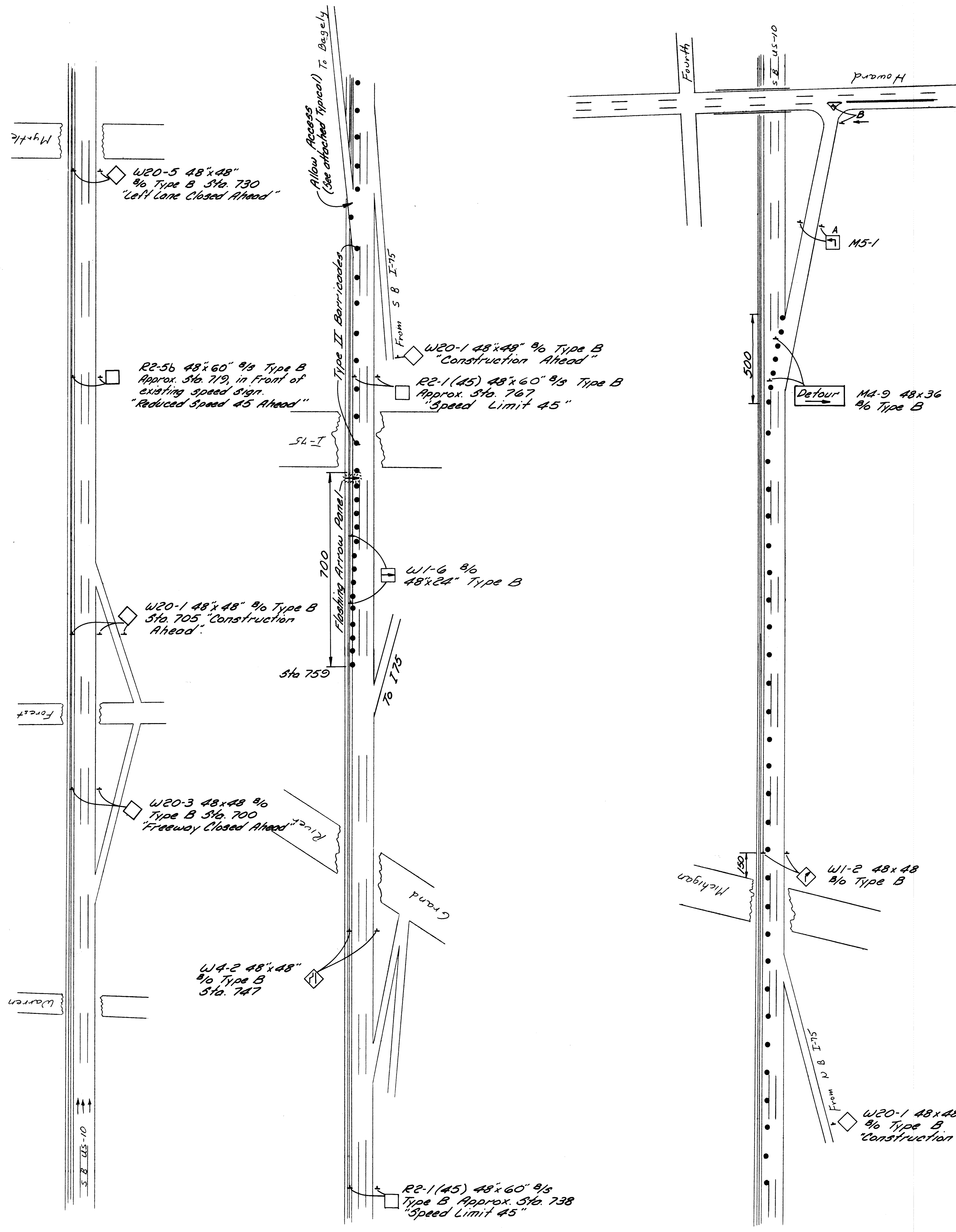
Note: Place all signing to allow good visibility of all signing (construction and existing). Cover any conflicting existing signing (Routing).

Existing Signing Direction Symbol indicated at each location. Attach one Dayglo Flag to each sign.



Closure of S. US-10 Lodge Fwy at Howard.

- A**
DETOUR MA-8 9/6 24x12
 Type B as indicated
 at each location.
 21x15 9/8 Type B
- B**
DETOUR MA-9 30x24 9/6 Type B
 Arrow as indicated of
 Each location



SHEET 93 OF 96 SHEETS		CONTRACT NO. 15031A		ASSIGNMENT NO.		DATE 7-80	
JOE LOUIS ARENA PEDESTRIAN WALKWAYS				TRAFFIC STAGING			
CITY OF DETROIT							
CITY ENGINEERING DIVISION - DRW.							
BUREAU OF STREETS AND HIGHWAYS							
APPROVED:		ENGINEER OF STREETS		HIGHWAY ENGINEER			
DESIGNED BY	DRAWN BY	TRACED BY	CHECKED BY	COORDINATOR	DATE	REVISIONS LOCATED BY COORDINATES ON SHEET	
						1	
						2	
						3	
						4	
						5	
						6	
						7	
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						10	
						11	

QUANTITY SHEET - E

ITEMS	AS PER PLANS				AS CONSTRUCTED			
	TOTALS	UNITS	CITY-STATE-FEDERAL PARTICIPATION	CITY-FEDERAL PARTICIPATION	TOTALS	UNITS	CITY-STATE-FEDERAL PARTICIPATION	CITY-FEDERAL PARTICIPATION
Removing Pavement	7	S.Y.			57	S.Y.		
Removing Curb and Gutter	520	L.F.			561	L.F.		A1002
Removing Masonry and Concrete Structures	50	C.Y.			146	C.Y.		A1002
Removing Beam Guard Rail	225	L.F.			279	L.F.		A1002
Removing Fence	320	L.F.			307	L.F.		A1005
Removing Heavy Foundations	54	C.Y.			15	C.Y.		A1006
Granular Material Class II	38	C.Y.			52	C.Y.		A1002
Structure Backfill (C.I.P.)	30	C.Y.	10		30	C.Y.	10	
Aggregate Base Concrete (4" in Place)	570	S.Y.			567	S.Y.		A1005
Bituminous Shoulders (3" Thick)	25	Tons			41	TON		A1004
Misc. Conc. Rev't Unreinforced Variable Thickness	569	S.Y.			566	S.Y.		A1006
Permanent Steel Sheet Piling (C.I.P.)	1200	S.F.			1200	S.F.		
Temporary Steel Sheet Piling	500	S.F.			389	S.F.		A1005
Steel Piles, Furnished and Driven (12")	1800	L.F.			1684	L.F.		A1001
C.I.P. Conc. Piles, Furnished and Driven (200 Ton)	3400	L.F.			3461	L.F.		A1001/A1005
C.I.P. Conc. Piles, Furnished and Driven (100 Ton)	2280	L.F.	570		2487	L.F.	570	A1001
Substructure Concrete	395	C.Y.	78		295	C.Y.	78	A1008
Drainage Structure Cover (D)	3	Each			3	EACH		
4" Concrete Sidewalk	14,233	S.F.	8,108		13,719	S.F.	8,108	A1005
6" Concrete Sidewalk	576	S.F.	518		443	S.F.	385	A1005
Sidewalk Ramp, Type 1	210	S.F.			249	S.F.		A1004
Sidewalk Ramp, Type 3	320	S.F.	256		368	S.F.		A1005
Concrete Barrier-Special	89	L.F.			89	L.F.		
Galvanized Curved Beam Guard Rail, Type B (Detail 1)	225	L.F.			302	L.F.		A1005
48" Chain Link Fence	330	L.F.			289	L.F.		A1005
Field Office	11	Months			12	MONTHS		A1004
Sign, Type IA	386	S.F.			386	S.F.		
Removal of Sign, Type I	3	Each			3	EACH		
Lighted Arrow, Type A, Furnished	3	Each	1		4	EACH	1	A1004
Lighted Arrow, Type A, Operated	3	Each	1		3	EACH	1	
Barricade, Type II, Lighted, Furnished	284	Each	96		126	EACH	96	A1005
Barricade, Type II, Lighted, Operated	144	Each	49		121	EACH	49	A1005
Barricade, Type III, Lighted	13	Each	8		8	EACH	3	A1005
Temporary Concrete Barrier Sign, Type A, Temporary	200	L.F.			200	L.F.		
Sign, Type B, Temporary	54	S.F.			0	S.F.		A1005
Class "A" Sodding	1,435	S.Y.	262		802	S.F.	262	A1005
Water	4	Units	1		1723	S.Y.	267	A1004
Class A Seeding	38	Lbs			0	UNITS	0	A1005
Chemical Fertilizer Nutrient	10	Lbs			0	LBS	0	A1003
Topsoil Surface-3"	3,275	S.Y.	267		4008	S.Y.	267	A1004

QUANTITY SHEET - E

ITEMS	AS PER PLANS				AS CONSTRUCTED				UNITS	TOTALS	CITY - STATE - FEDERAL PARTICIPATION	CITY - FEDERAL PARTICIPATION	NON FEDERAL CITY	AID			
	TOTALS	UNITS	CITY - STATE - FEDERAL PARTICIPATION	CITY - FEDERAL PARTICIPATION	NON FEDERAL CITY	TOTALS	UNITS	CITY - STATE - FEDERAL PARTICIPATION							CITY - FEDERAL PARTICIPATION	NON FEDERAL CITY	AID
Excelsior Mulch Blankets	1840	S.Y.	1840					0					A1003				
16" Ductile Iron Water Main Trench Detail 12	129	L.F.	129					125					A1005				
3'-6" x 3'-6" Reinforced Concrete Encasement	125	L.F.	125					125					-				
On The Job Training	2	Each	2					163					A1006				
8' Gate for 48" Chain Link Fence	1	Each	1					1					-				
75' Overhead Truss, Type C	1	Each	1					1					-				
Counters, Type D	1	Each	1					1					-				
Removal of Truss	1	Each	1					1					-				
Truss Foundation, Type C-1	1	Each	1					1					-				
Truss Foundation, Type C-2	1	Each	1					1					-				
Canthiever Foundation, Special	1	Each	1					1					-				
Site Work - POB	1	Lump Sum	1					1					-				
Site Work - POI	1	Lump Sum	1					1					-				
Cast in Place Concrete - Ramp Tower	1	Lump Sum	1					1					-				
Cast in Place Concrete - East/West Bridge	1	Lump Sum	1					1					-				
Cast in Place Concrete - Elevator Tower	1	Lump Sum	1					1					-				
Cast in Place Concrete - North/South Bridge	1	Lump Sum	1					1					-				
Structural Steel - East/West Bridge	1	Lump Sum	1					1					-				
Structural Steel - North/South Bridge	1	Lump Sum	1					1					-				
Structural Steel - Grade Beam Reinforcement	1	Lump Sum	1					1					-				
Architectural Work - Ramp Tower	1	Lump Sum	1					1					-				
Architectural Work - East/West Bridge	1	Lump Sum	1					1					-				
Architectural Work - Elevator Tower	1	Lump Sum	1					1					-				
Architectural Work - North/South Bridge	1	Lump Sum	1					1					-				
Architectural Work - Third Street Bridge	1	Lump Sum	1					1					-				
Temporary Construction Platform	1	Lump Sum	1					1					-				
Mechanical Work - Ramp Tower	1	Lump Sum	1					1					-				
Mechanical Work - Elevator Tower	1	Lump Sum	1					1					-				
Mechanical Work - Third Street Bridge	1	Lump Sum	1					1					-				
Mobilization	1	Lump Sum	1					0.8					-				
Minor Traffic Devices	1	Lump Sum	1					0.5					-				
Electrical Work - Ramp Tower	1	Lump Sum	1					1					-				
Electrical Work - East/West Bridge	1	Lump Sum	1					1					-				
Electrical Work - Elevator Tower	1	Lump Sum	1					1					-				
Electrical Work - North/South Bridge	1	Lump Sum	1					1					-				
Electrical Work - Third Street Bridge	1	Lump Sum	1					1					-				
Elevators	1	Lump Sum	1					1					-				
Fuel	1	Lump Sum	1					0.8					-				
SCANDI Surveillance System Alterations	1	Lump Sum	1					0.2					-				
Elevator Maintenance and Warranty	1	Lump Sum	1					1					-				