



BAKER AND ASSOCIATES
WALTER TEJEMER AND ASSOCIATES, INC.
A JOINT ASSOCIATION
18431 JAMES COUZENS DETROIT, MI 48235

* NON-PARTICIPATING

PART	WORK-ITEM CODE	DESCRIPTION	QUANTITY	UNITS
01	2070002	REMOVING PAVEMENT	377	SYD
01	2070003	REMOVING CURB	69	LFT
01	2077001	REMOVING PORTIONS OF RETAINING WALLS	1,076	LFT
01	2077003	REMOVING OF STAIRS	1	LSUM
01	2077005	REMOVING OF MEDIAN BARRIER ON APPROACHES	606	LFT
01	2070009	REMOVING BEAM GUARDRAIL	256	LFT
01	4000100	BITUMINOUS MIXTURE NO. 1500L, 20AAA	708	TON
01	4000101	BITUMINOUS MIXTURE NO. 1500T, 20AAA	708	TON
01	4500015	CONCRETE PAVEMENT - REINFORCED 9"	520	SYD
01	4500275	EXPANSION JOINT E2	105	LFT
01	4500276	EXPANSION JOINT E3	105	LFT
01	4500296	EXPANSION-ANCHORED LANE-TIES	272	EACH
01	4520011	CONCRETE PAVEMENT REPAIR-REINFORCED 9"	454	SYD
01	4520035	CONSTRUCTION JOINT C1	105	LFT
01	5030031	STEEL REINFORCEMENT, EPOXY COATED	29,644	LBS
01	5030131	LIGHT STANDARD ANCHOR ASSEMBLY -	8	EACH
01	5030171	CONDUIT, 3"	2,150	LFT
01	5087002	BRIDGE BARRIER RAILING, TYPE 5(MOD)	1,075	LFT
01	5087004	CONCRETE MEDIAN BARRIER (SP)	550	LFT
01	5090030	EPOXY ANCHORING OF VERTICAL BAR, 1/2"	1,467	EACH
01	5090031	EPOXY ANCHORING OF VERTICAL BAR, 5/8"	795	EACH
01	5140013	SEWER CLEAN OUT	2,150	LFT
01	5140014	CLEANING DRAINAGE STRUCTURE	15	EACH
01	6090004	CONCRETE CURB, DETAIL E4	69	LFT
01	6130002	GALVANIZED BEAM GUARDRAIL, TYPE B	24	LFT
01	6130048	GUARDRAIL ANCHORAGE - BRIDGE, DETAIL T-3	2	EACH
01	6200001	MOVING FENCE	1,200	LFT
01	6210004	TEMPORARY FENCE	1,200	LFT
01	6210110	PEDESTRIAN FENCING-STRUCTURES	5,956	SFT
01	6220001	FIELD OFFICE (SPECIAL)	24	MOS
01	6230001	MOBILIZATION	1	LSUM
01	6290350	OVERLAY COLD PLASTIC PAVEMENT MARKING, 4", WHITE	2,185	LFT
01	6290351	OVERLAY COLD PLASTIC PAVEMENT MARKING, 4", YELLOW	1,450	LFT
01	6290361	OVERLAY COLD PLASTIC PAVEMENT MARKING, 24" STOP BAR	33	LFT
01	6290366	OVERLAY COLD PLASTIC PAVEMENT MARKING, RIGHT TURN ONLY	2	EACH
01	6290376	OVERLAY COLD PLASTIC PAVEMENT MARKING, RIGHT TURN ARROW SYMBOL	2	EACH
01	6310026	BARRICADE, TYPE II, LIGHTED - FURNISHED	7	EACH
01	6310027	BARRICADE, TYPE II, LIGHTED - OPERATED	7	EACH
01	6310036	BARRICADE, TYPE III, LIGHTED - FURNISHED	8	EACH
01	6310037	BARRICADE, TYPE III, LIGHTED - OPERATED	8	EACH
01	6310054	MINOR TRAFFIC DEVICES	1	LSUM
01	6310065	SIGN, TYPE B TEMPORARY - FURNISHED	189	SFT
01	6310066	SIGN, TYPE B TEMPORARY - OPERATED	189	SFT

SUMMARY OF QUANTITIES

PART	WORK-ITEM CODE	DESCRIPTION	QUANTITY	UNITS
01	6317001	GREAT ATTENUATOR (4 BAY UNIT)	2	EACH
01	6530006	ROADSIDE SEEDING	70	LBS
01	6530010	CHEMICAL FERTILIZER NUTRIENT	168	LBS
01	6530014	TOPSOIL SURFACE, 3"	3,400	SYD
01	6530030	MULCH	1.4	TON
01	6530031	ANCHORING MULCH	.7	ACRE
01	6900090	JUNCTION BOX IN BARRIER WALL	11	EACH
01	6900096	ADJUST MANHOLE	3	EACH
01	6900612	250W HIGH PRESSURE SODIUM LUMINAIRE	8	EACH
01	6907002	REMOVAL OF EXISTING CODE 009 STREET LIGHTING STANDARD	8	EACH
01	6907004	INSTALLATION OF CODE 009 STREET LIGHTING STANDARD	8	EACH
01	6917002	2KV, 3-1/C * 2 (RED, WHITE, BLACK) CABLE	1,550	LFT
01	6917004	600V, 1-1/C * 2 GREEN GROUND CABLE	1,750	LFT
01	6920002	ON THE JOB TRAINING	2,250	HRS
02	2060002	REMOVAL OF PORTIONS OF STRUCTURES	1	LSUM
02	2090003	UNCLASSIFIED FOUNDATION EXCAVATION	531	CYD
02	2090005	STRUCTURE BACKFILL (CIP)	1,444	CYD
02	5010001	PERMANENT SHEET PILING	1,740	SFT
02	5030010	CONCRETE GRADE 35S-SUBFOOTING	38	CYD
02	5030018	EPOXY MORTAR OR CONCRETE FOR PATCHING	100	CFT
02	5030023	SUBSTRUCTURE CONCRETE	394	CYD
02	5030024	SUPERSTRUCTURE CONCRETE	1,723	CYD
02	5030027	FORMING, FINISHING, AND CURING SUPERSTRUCTURE CONCRETE	1	LSUM
02	5030030	STEEL REINFORCEMENT	41,531	LBS
02	5030031	STEEL REINFORCEMENT, EPOXY COATED	383,015	LBS
02	5030052	PENETRATING WATER REPELLENT TREATMENT	419	SYD
02	5030099	EXPANSION JOINT DEVICE	1,033	LFT
02	5030131	LIGHT STANDARD ANCHOR ASSEMBLY - FURNISHED AND PLACED	15	EACH
02	5030150	DRAIN CASTING ASSEMBLY - TYPE 1	10	EACH
02	5030151	DRAIN CASTING ASSEMBLY - TYPE 2	9	EACH
02	5030171	CONDUIT, 3"	6,580	LFT
02	5030181	EXPANSION ANCHORED BOLTS, 3/4"	98	EACH
02	5030200	BRIDGE END HEADER	108	LFT
02	5030250	STRUCTURE NAME PLATE	2	EACH
02	5030310	CONSTRUCTING BRIDGE DECK SURFACE	9,925	SYD
02	5040002	STRUCTURAL STEEL FABRICATION AND ERECTION (PLATES)	3,080	LBS
02	5040045	CLEANING EXISTING STEEL STRUCTURE (TYPE 4)	1	LSUM
02	5040046	COATING EXISTING STEEL STRUCTURE (TYPE 4)	1	LSUM
02	5040085	BUSHING	22	EACH
02	5047002	DRY FIRE PROTECTION LINE	1	LSUM
02	5060001	JOINT WATERPROOFING	108	SFT
02	5080024	BRIDGE BARRIER RAILING, TYPE 5	162	LFT
02	5087002	FOR RAILING REPLACEMENT BRIDGE BARRIER RAILING, TYPE 5(MOD)	3,128	LFT

SUMMARY OF QUANTITIES

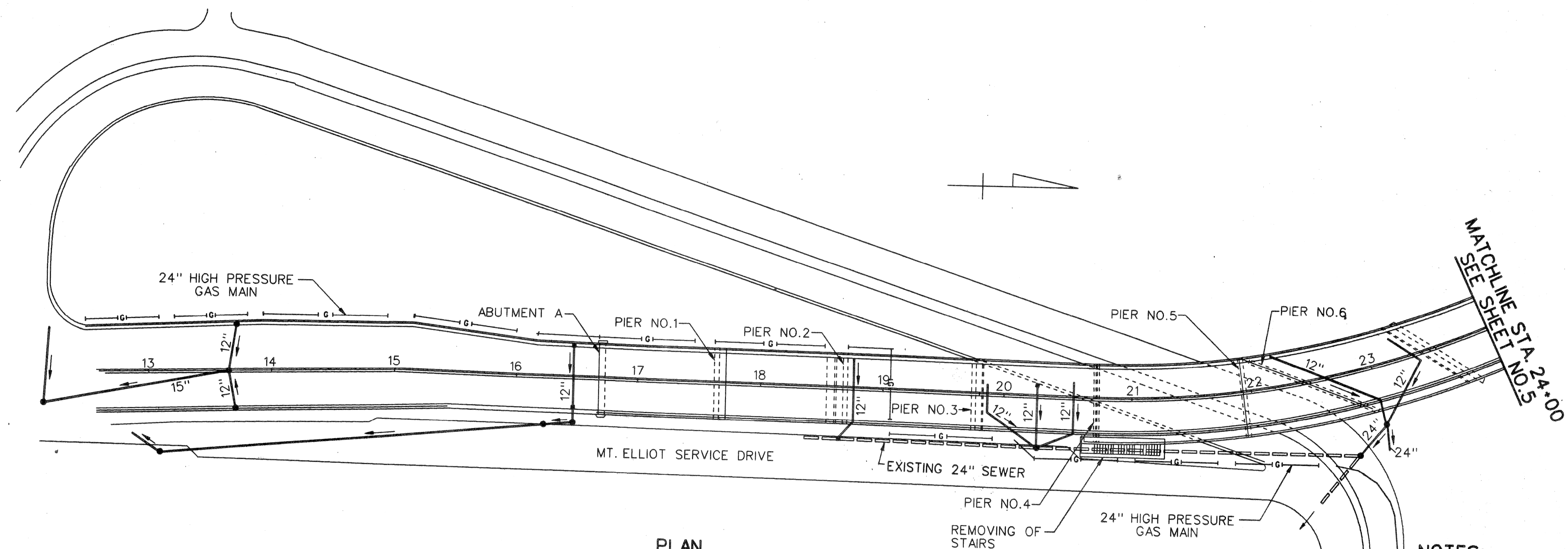
PART	WORK-ITEM CODE	DESCRIPTION	QUANTITY	UNITS
02	5087004	CONCRETE MEDIAN BARRIER (SP)	1,575	LFT
02	5090001	SCAFFOLDING	10,446	SYD
02	5090007	HAND CHIPPING - OTHER THAN DECK	100	CFT
02	5090017	FORMING FOR PATCHES	300	SFT
02	5090030	EPOXY ANCHORING OF VERTICAL BAR, 1/2"	23	EACH
02	5090031	EPOXY ANCHORING OF VERTICAL BAR, 5/8"	74	EACH
02	5090075	FALSE DECKING	5,130	SYD
02	5090076	HYDRODEMOLISHING-FIRST PASS	10,466	SYD
02	5090077	HYDRODEMOLISHING-SECOND PASS	485	SYD
02	5090099	REPAIRING STRUCTURAL CRACKS	150	LFT
02	5100001	STRUCTURAL STEEL, FURNISHING AND FABRICATING (PIN & HANGER)	2,300	LBS
02	5100003	FIELD MEASUREMENT OF HANGER ASSEMBLY	11	EACH
02	5100005	HANGER ASSEMBLY REMOVAL AND ERECTION	11	EACH
02	5100016	TEMPORARY SUPPORT, SUSPENSION TYPE	11	EACH
02	5107002	ROCKER ALIGNMENT	10	EACH
02	6020122	FOUNDATION UNDERDRAIN, 8"	232	LFT
02	6210110	PEDESTRIAN FENCING-STRUCTURES	16,155	SFT
02	6290350	OVERLAY COLD PLASTIC PAVEMENT MARKING, 4", WHITE	4,125	LFT
02	6290351	OVERLAY COLD PLASTIC PAVEMENT MARKING, 4", YELLOW	3,150	LFT
02	6900090	JUNCTION BOX IN BARRIER WALL	15	EACH
02	6900612	250W HIGH PRESSURE SODIUM LUMINAIRE	15	EACH
02	6907002	REMOVAL OF EXISTING CODE 009 STREET LIGHTING STANDARD	15	EACH
02	6907004	INSTALLATION OF CODE 009 STREET LIGHTING STANDARD	15	EACH
02	6917002	2KV, 3-1/C * 2 (RED, WHITE, BLACK) CABLE	3,150	LFT
02	6917004	600V, 1-1/C * 2 GREEN GROUND CABLE	3,150	LFT

SUMMARY OF QUANTITIES

CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
SUMMARY OF QUANTITIES

NO.	DESCRIPTION	DATE	BY

NO.	DESCRIPTION	DATE	BY



PLAN

MISCELLANEOUS QUANTITIES		
ITEM	UNIT	AMOUNT
SEWER CLEANOUT	LFT	2150
CLEANING DRAINAGE STRUCTURE	EACH	15
REMOVING OF STAIRS	LSUM	1

DRAINAGE NOTES:

SEWER CLEANOUT: CLEAN ALL EXISTING DOWNSPOUT CLEANOUTS AND CONNECTING SEWER LATERALS, AS SHOWN ON THE PLANS, TO BE DONE AT THE DIRECTION OF THE ENGINEER IN THE FIELD.

CLEANING DRAINAGE STRUCTURE: CLEAN ALL EXISTING INLETS, CATCH BASINS AND MANHOLES CONNECTING TO THE BRIDGE STORM SEWER AND TO THE MAIN STORM SEWER AS SHOWN ON THE PLANS, TO BE DONE AT THE DIRECTION OF THE ENGINEER IN THE FIELD.

ALL DRAINAGE MUST BE FUNCTIONAL PRIOR TO OPENING BRIDGE TO TRAFFIC.

THESE DRAINAGE PLANS SHOW DRAINAGE STRUCTURES AND STORM SEWER TO BE CLEANED AND SHALL BE MEASURED IN THE FIELD AND PAID FOR AS SPECIFIED.

NOTES:

1. THE 24" HIGH PRESSURE GAS MAIN OWNED BY MICHIGAN CONSOLIDATED GAS COMPANY (MCGC) AS SHOWN ON THIS SHEET INDICATE APPROXIMATE LOCATIONS ONLY AS RECEIVED FROM (MCGC) AND NO GUARANTEE IS MADE EITHER AS TO COMPLETENESS OR ACCURACY. CONTACT MISS DIG 3 WORKING DAYS BEFORE DIGGING IN THIS AREA.
2. "REMOVING OF STAIRS" INCLUDES REMOVING OF THE TWO SETS OF STAIRS FROM THE BRIDGE SITE, THE REMOVAL OF THE EIGHT 1.5 SQ. FOOTINGS AND THE 7' X 2'-6" BASE OF STAIR FOOTING, BACKFILLING WITH SUITABLE MATERIAL, AND PLACING CONCRETE SIDEWALK (MATCH EXISTING SIDEWALK THICKNESS) AT THE SOUTH STAIRS, AND REMOVAL OF THE FOUR 1.5 SQ. FOOTINGS AND ONE 6' X 2'-6" BASE OF STAIR FOOTING, AND BACKFILLING WITH SUITABLE MATERIAL AT THE NORTH STAIRS.

Baker
BAKER AND ASSOCIATES
WTA
WALTER TEAMER AND ASSOCIATES, INC.
A JOINT ASSOCIATION
18431 JAMES COUZENS DETROIT, MI 48235

THE CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
DRAINAGE PLAN

NO.	DESCRIPTION	DATE	BY

SQUAD BOSS	NAME HME	DATE 11/83
DRAWN BY	NAME JAD	DATE 11/83
CHECKED BY	NAME RAL	DATE 1/84
SHEET	4 OF 57	

B01 of 82-22-48

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BAKER AND ASSOCIATES

WALTER TEAMER AND ASSOCIATES, INC.
A JOINT ASSOCIATION

18431 JAMES COUZENS DETROIT, MI 48235

SECTION B01 OF 822248 JOB NO. 5

B01 of 82-22-48

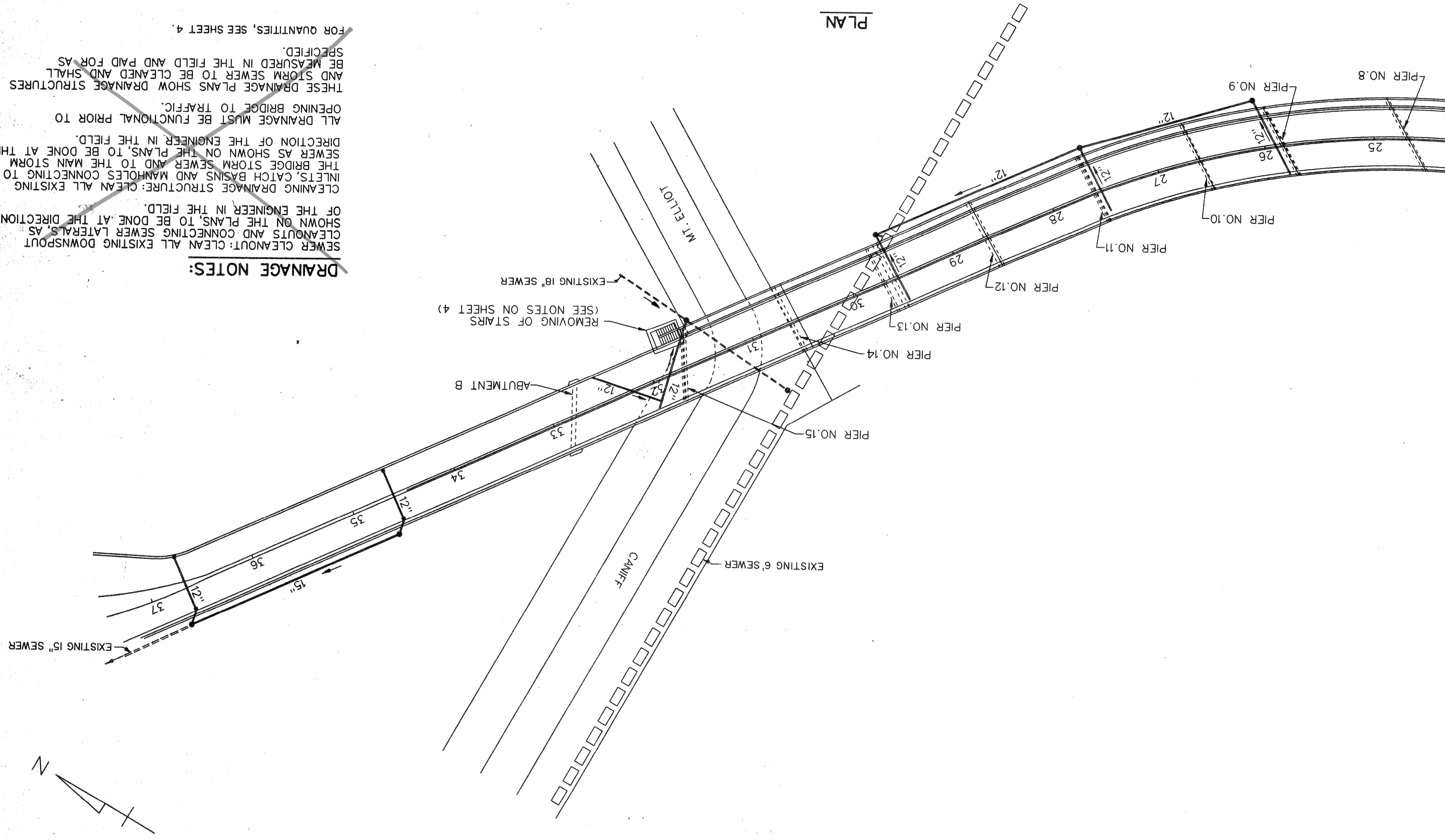
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THE CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
MOUNT ELLIOTT-MOUND ROAD SEPARATION
DRAINAGE PLAN

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MATCHLINE STA. 24+00
SEE SHEET NO.4

PLAN



DRAINAGE NOTES:

SEWER CLEANOUT: CLEAN ALL EXISTING DOWNSPOUT CLEANOUTS AND CONNECTING SEWER LATERALS AS SHOWN ON THE PLANS, TO BE DONE AT THE DIRECTION OF THE ENGINEER IN THE FIELD.

CLEANING DRAINAGE STRUCTURE: CLEAN ALL EXISTING INLETS, CATCH BASINS AND MANHOLES CONNECTING TO THE BRIDGE STORM SEWER AND TO THE MAIN STORM SEWER AS SHOWN ON THE PLANS, TO BE DONE AT THE DIRECTION OF THE ENGINEER IN THE FIELD.

ALL DRAINAGE MUST BE FUNCTIONAL PRIOR TO OPENING BRIDGE TO TRAFFIC.

THESE DRAINAGE PLANS SHOW DRAINAGE STRUCTURES AND STORM SEWER TO BE CLEANED AND SHALL BE MEASURED IN THE FIELD AND PAID FOR AS SPECIFIED.

FOR QUANTITIES, SEE SHEET 4.



BAKER AND ASSOCIATES

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A JOINT ASSOCIATION

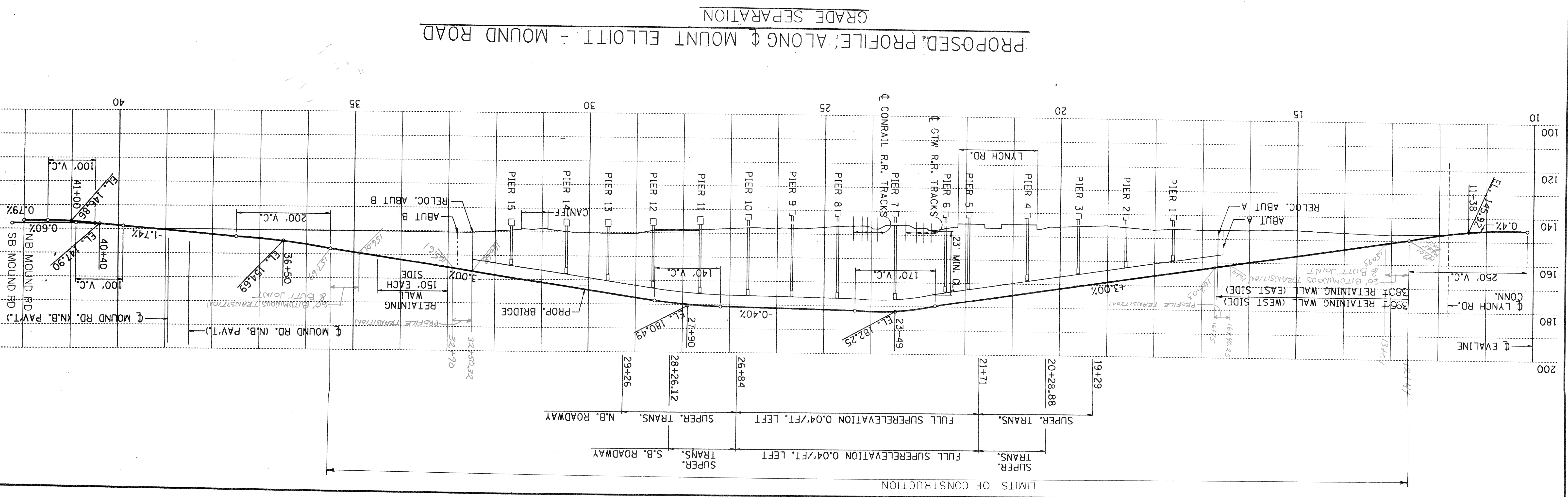
18431 JAMES COUZENS DETROIT, MI 48236

NO.	DESCRIPTION	DATE	BY

NAME	DATE	BY
NAME RAJ	DATE 11/93	BY
NAME WTA	DATE 11/93	BY
NAME RAW	DATE 1/94	BY

THE CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
PROFILE GRADE

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NOTE:
NEW PROFILE GRADE IS 10' HIGHER
THAN EXISTING PROFILE GRADE.

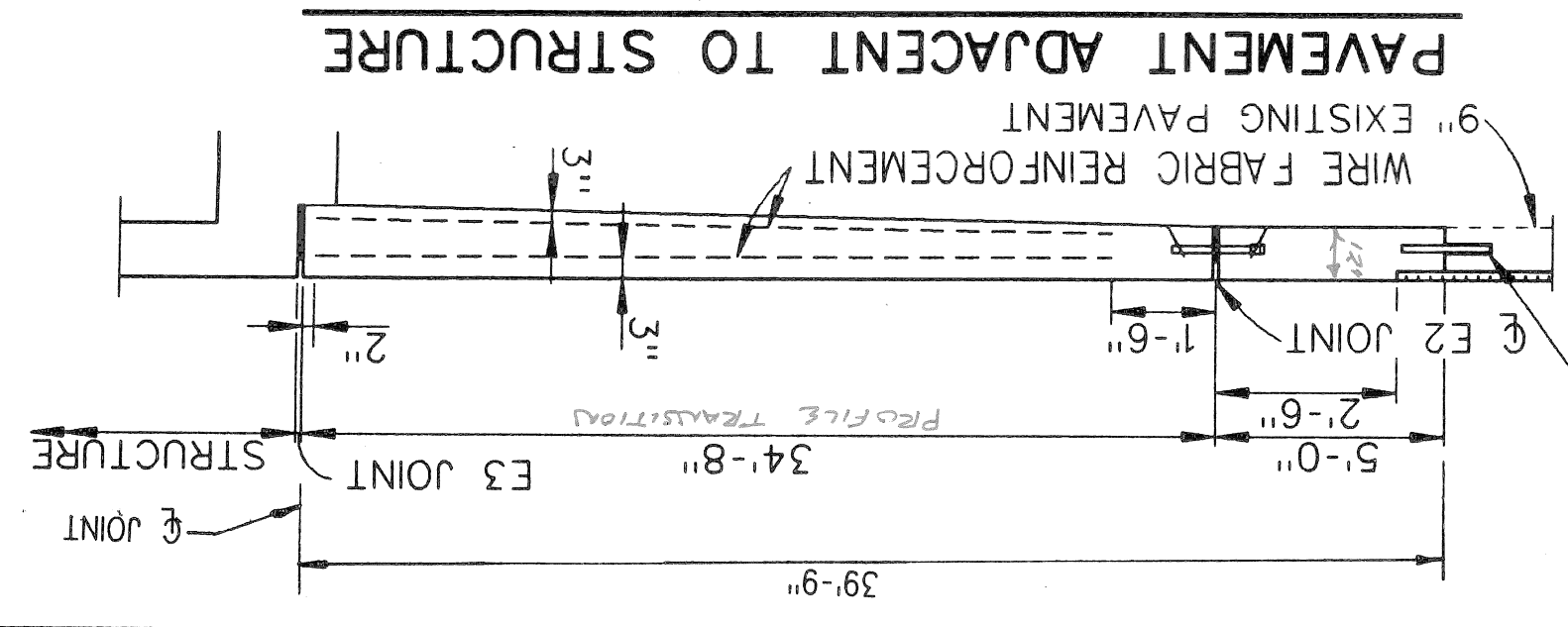
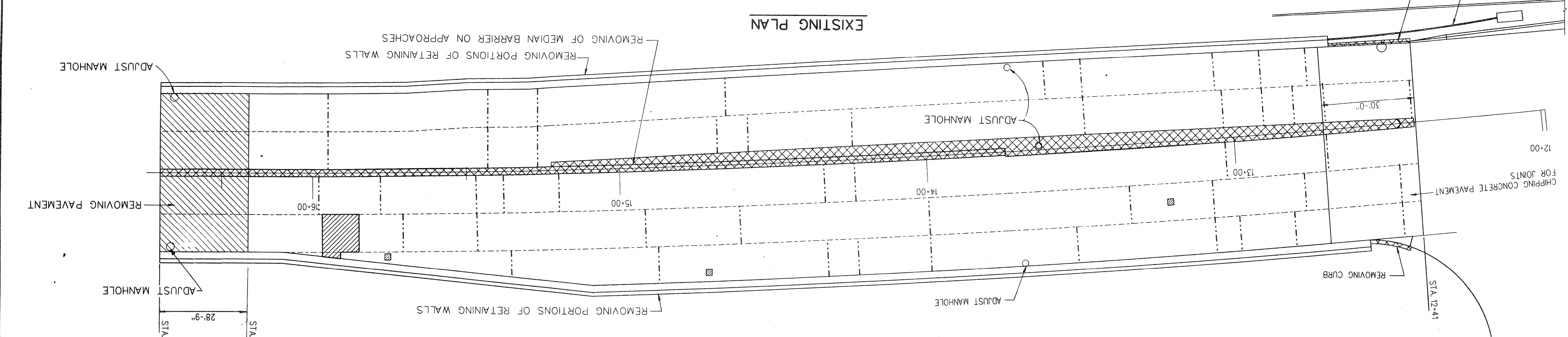
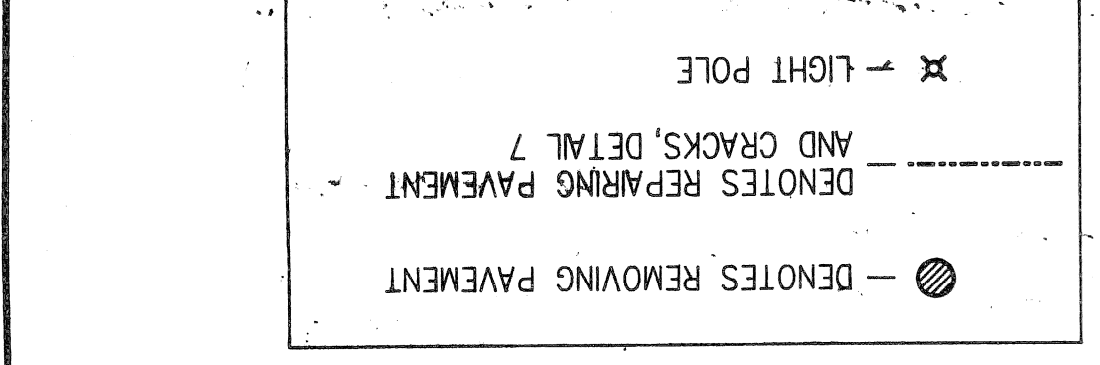
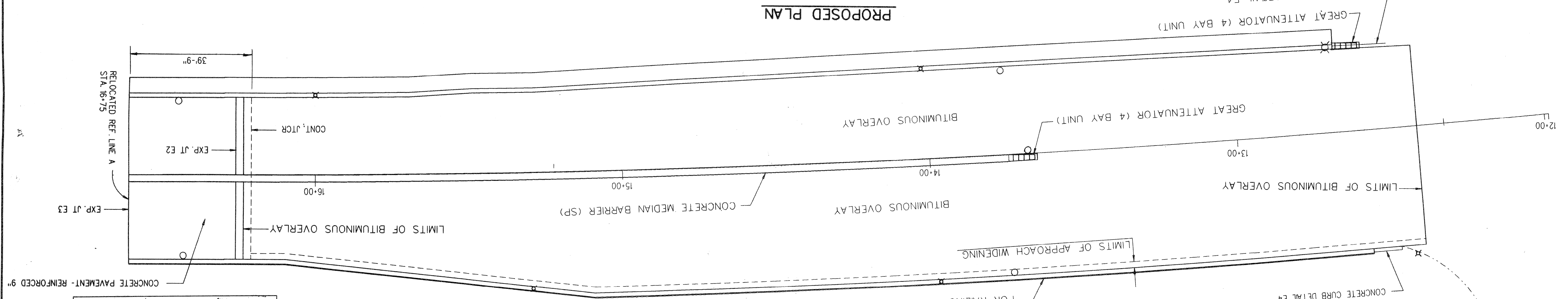
PROPOSED PROFILE ALONG MOUNT ELLIOTT - MOUND ROAD
GRADE SEPARATION

NOTE: WORK THIS SHEET WITH SHEETS 17 TO 21

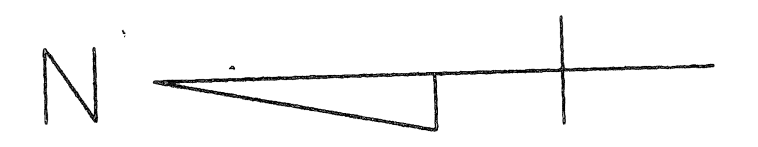
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NO.	DESCRIPTION	DATE	BY

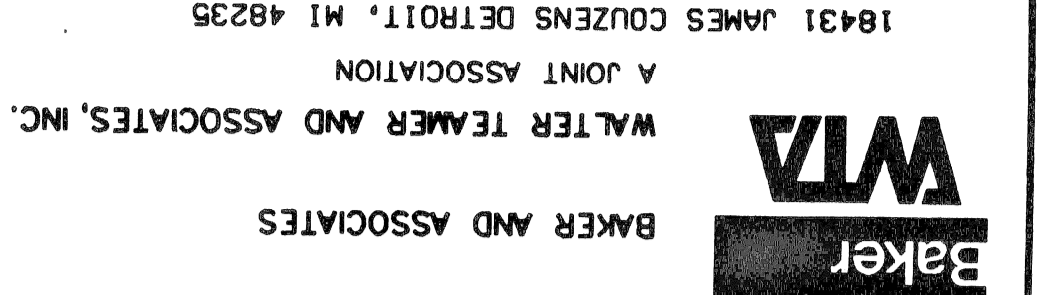
THE CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 GENERAL PLAN SOUTH APPROACH



* TRANSVERSE JOINT CONNECTING NEW PAVEMENT TO EXISTING PAVEMENT
 BE PAD FOR AS CONTRACTION JOINT CR.
 * NOTE: THIS JOINT WILL

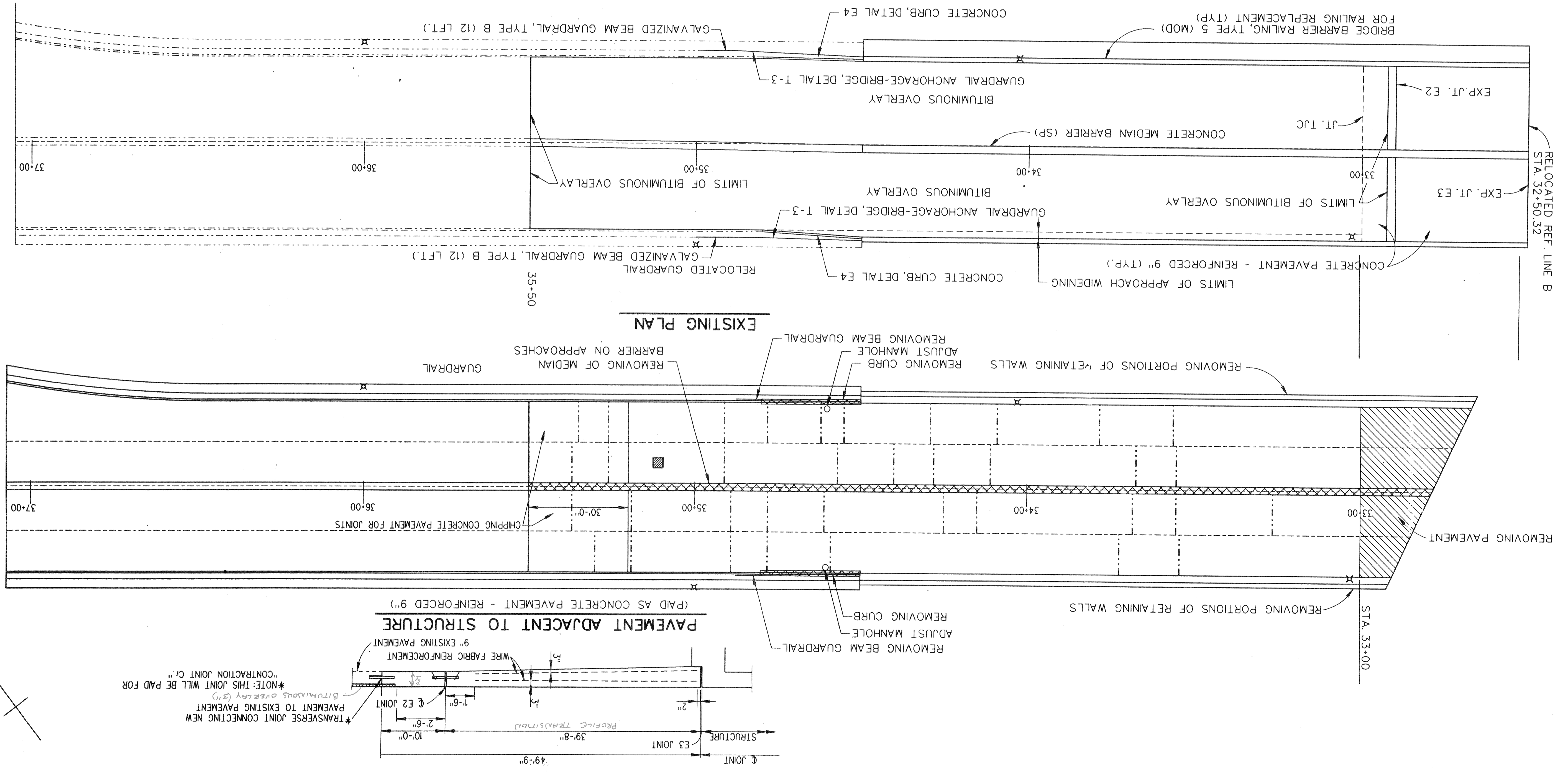


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ITEM	UNIT	AMOUNT
REMOVING PAVEMENT	SYD	377
REMOVING CURB	LFT	69
REMOVING PORTIONS OF RETAINING WALLS	LFT	1,076
REMOVING OF MEDIUM BARRIER ON APPROACHES	LFT	606
REMOVING BEAM GUARDRAIL	LFT	256
BITUMINOUS PRIME COAT	GAL	429
CHIPPING CONCRETE PAVEMENT FOR JOINTS	SYD	377
REPAIRING PAVEMENT JOINTS AND CRACKS, DETAIL 7	LFT	1,092
BITUMINOUS MIXTURE NO. 1500T, 20AAA	TON	708
CONCRETE PAVEMENT - REINFORCED 9"	SYD	520
EXPANSION JOINT E2	LFT	105
EXPANSION JOINT E3	LFT	105
CONCRETE PAVEMENT REPAIR-REINFORCED 9"	SYD	454
CONCRETE CURB, DETAIL E4	LFT	100
GREAT ATTENUATOR (4 BAY UNIT)	EACH	2
ADJUST MANHOLE	EACH	7
CONTRACTION JOINT C1	LFT	105
GUARDRAIL ANCHORAGE-BRIDGE, DETAIL T-3	EACH	2
GALVANIZED BEAM GUARDRAIL, TYPE B	LFT	24

MISCELLANEOUS QUANTITIES



NOTES:
 REMOVING PORTIONS OF RETAINING WALLS INCLUDES BARRIER WALL, SIDEWALK, CURB, LIGHTING STANDARD HANDHOLE, ELECTRICAL CONDUITS AND WIRES, AND FENCING ON THE NEW WEST BARRIER WALL.

NOTE: WORK THIS SHEET WITH SHEETS 20 AND 21.

--- DENOTES REMOVING PAVEMENT JOINTS AND CRACKS, DETAIL 7
 --- DENOTES REMOVING PAVEMENT
 * --- LIGHT POLE

LEGEND

CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 GENERAL PLAN NORTH APPROACH

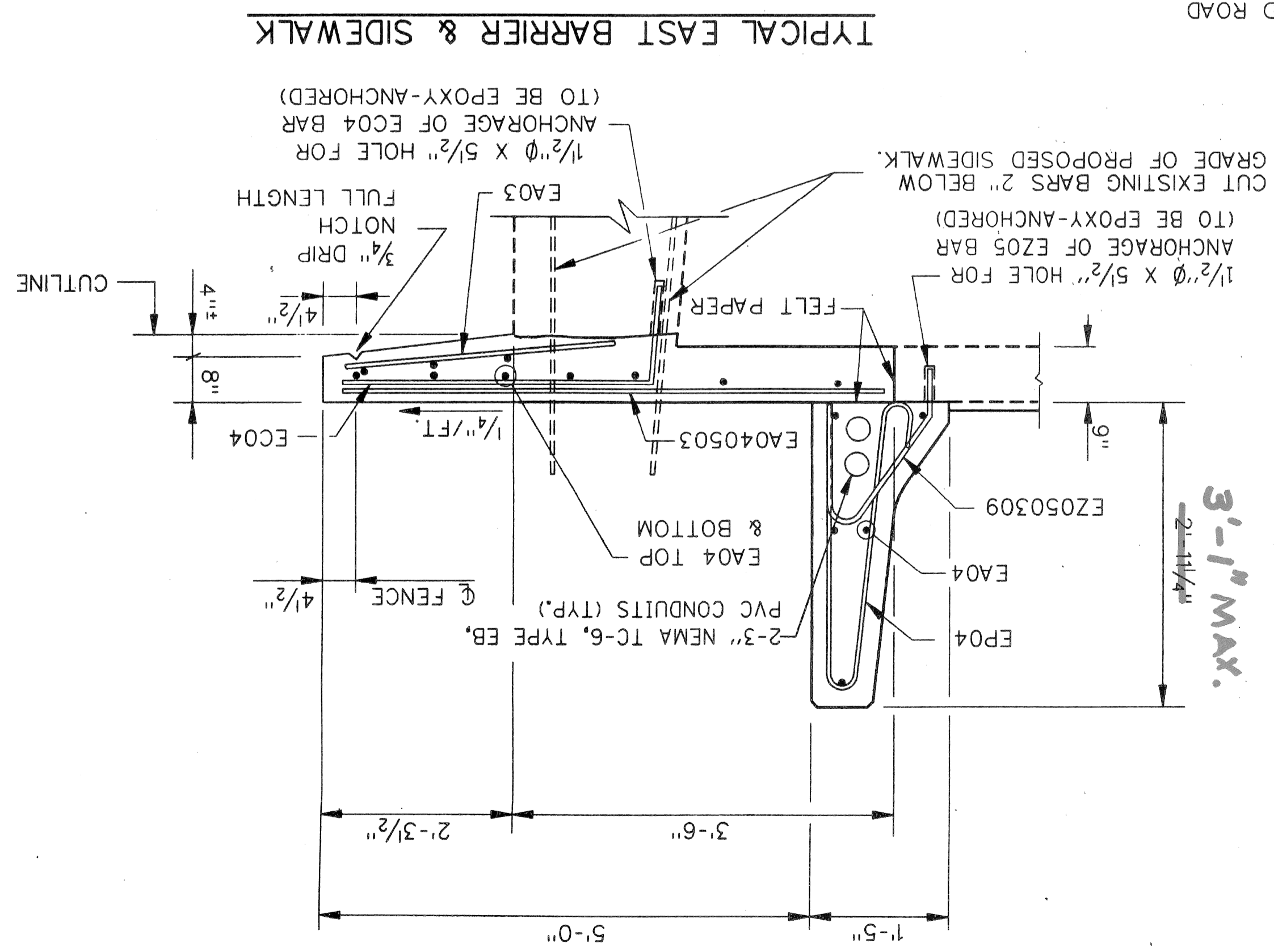
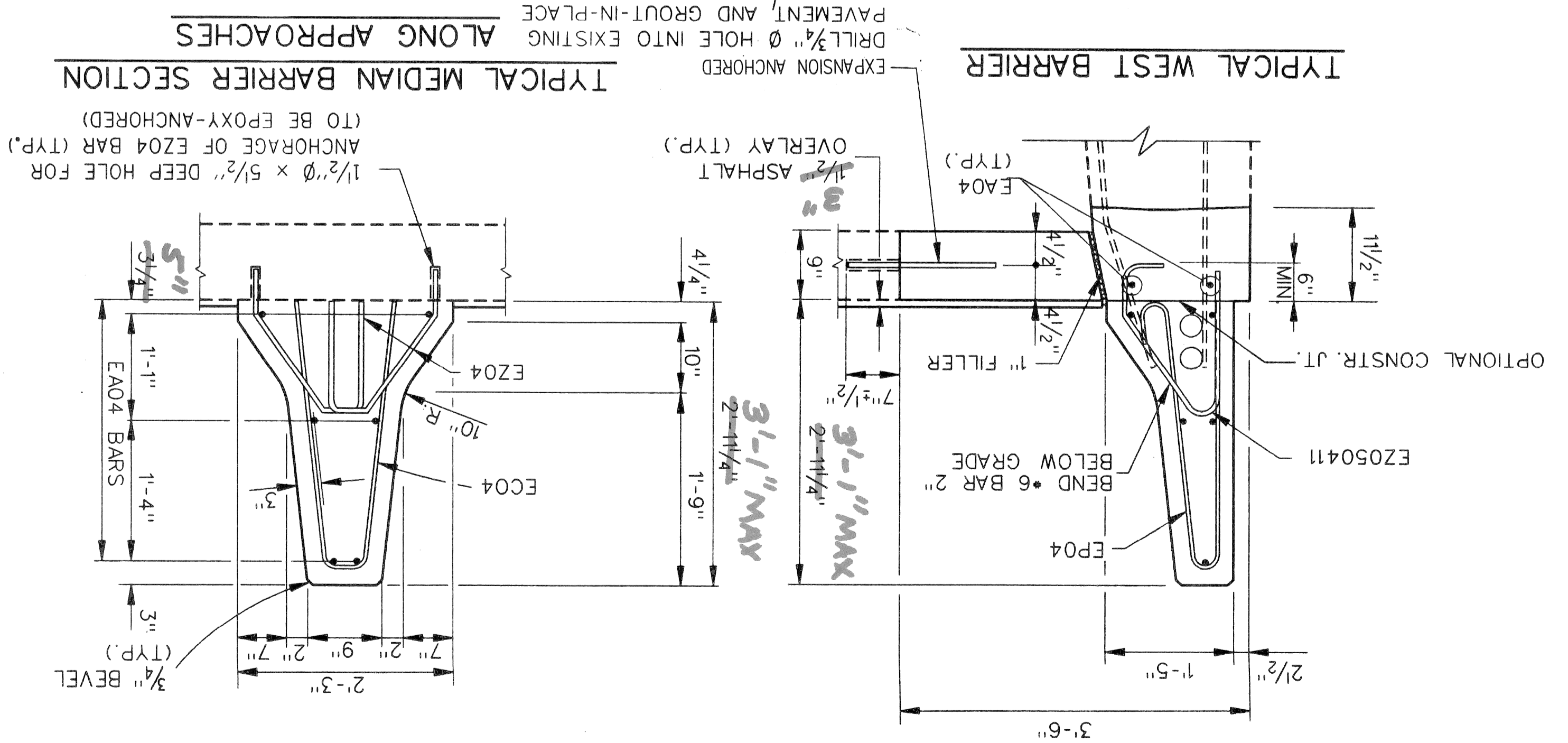
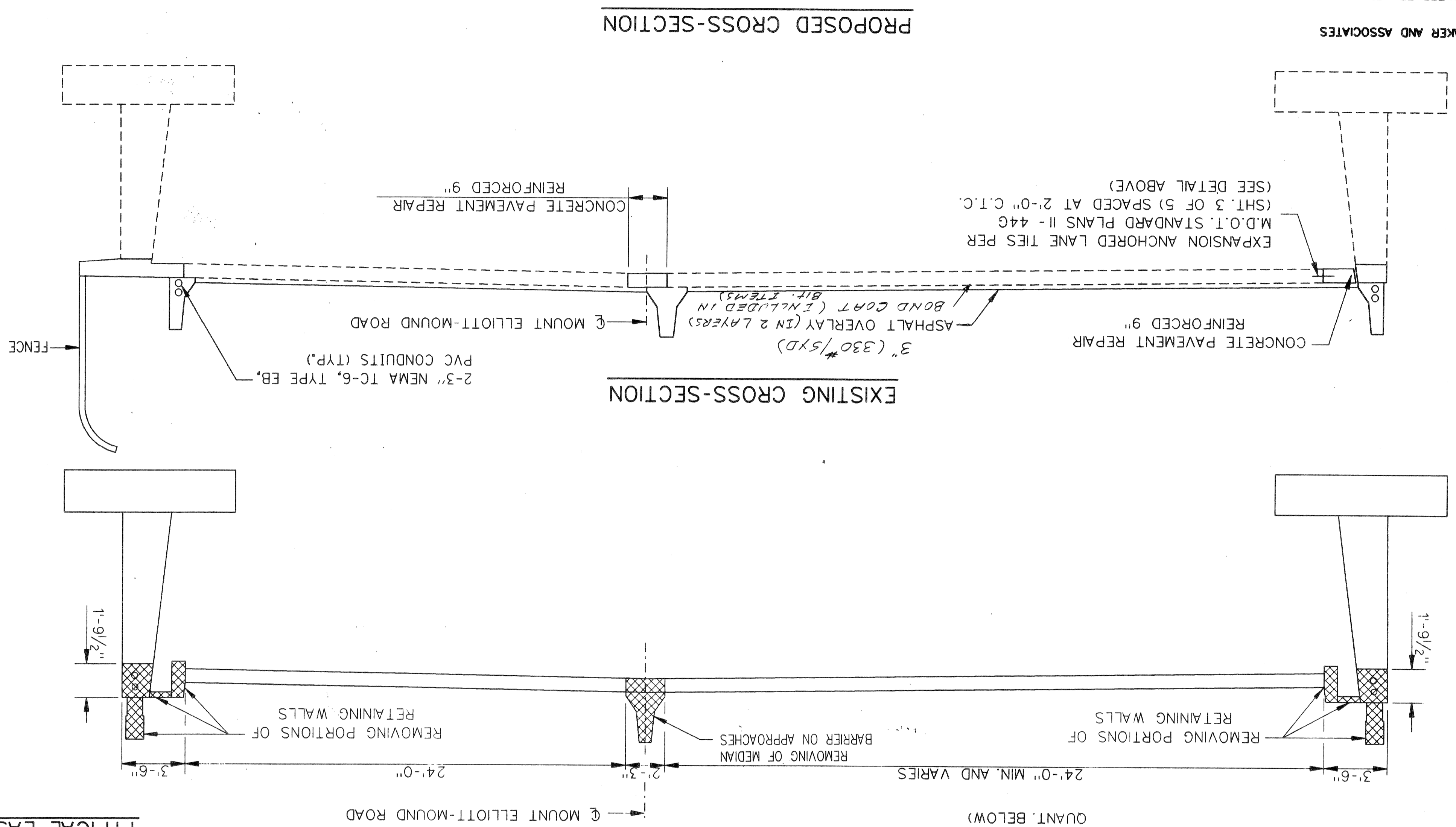
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SHEET	17 OF 57
CHECKED BY	NAME RAW DATE 1/94
DRAWN BY	NAME WTA DATE 11/93
SOUND BOSS	NAME RAL

B01 of 82-22-48



Baker and Associates
 WALTER TEAMER AND ASSOCIATES, INC.
 A JOINT ASSOCIATION
 18431 JAMES COUZENS DETROIT, MI 48235



MISCELLANEOUS QUANTITIES

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD.) FOR RAILING REPLACEMENT	LFT	1075
CONCRETE MEDIAN BARRIER (SP)	LFT	550
EPOXY ANCHORING OF VERTICAL BAR, 1/2"	EACH	1467
EPOXY ANCHORING OF VERTICAL BAR, 3/8"	EACH	795
EXPANSION-ANCHORED LANE TIES	EACH	272

LEGEND:
 DENOTES CONCRETE TO BE REMOVED, TO BE
 CONCRETE INCLUDED IN BIT ITEMS.
 BOND COAT OVER EXISTING
 MATCH EXISTING CROSS SLOPE.
 FOR WEST BARRIER PAVEMENT WIDENING,
 18, 19, 20, & 48
 WORK THIS SHEET WITH SHEETS
 PAID AS NOTED ON DRAWING.

NOTES:
 POUR SLAB AGAINST EXISTING PAVEMENT
 BELOW FINAL SLAB ELEVATION
 ALL REINFORCING 2" CLEAR
 3/4" BEVEL ALL EXTERIOR EDGES
 THE 3" ASPHALT OVERLAY SHALL NOT BE APPLIED TO THE SIDEWALK.
 E204 BARS IN MEDIAN AND E205 BARS IN EAST BARRIER TO BE EPOXY ANCHORED.
 THE TYPICAL WEST, TYPICAL MEDIAN, AND TYPICAL EAST (AND SIDEWALK) BARRIER SECTIONS ARE APPLICABLE TO BOTH THE NORTH AND SOUTH ABUTMENTS.

THE CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 NORTH/SOUTH APPROACH - DETAILS

NO.	DESCRIPTION	DATE	BY

NO.	DESCRIPTION	DATE	BY

SOUD BOSS
 NAME RAL
 DATE 11/93

CHECKED BY NAME RAD
 DATE 1/94
 SHEET 21 OF 57
 B01 of 82-22-48

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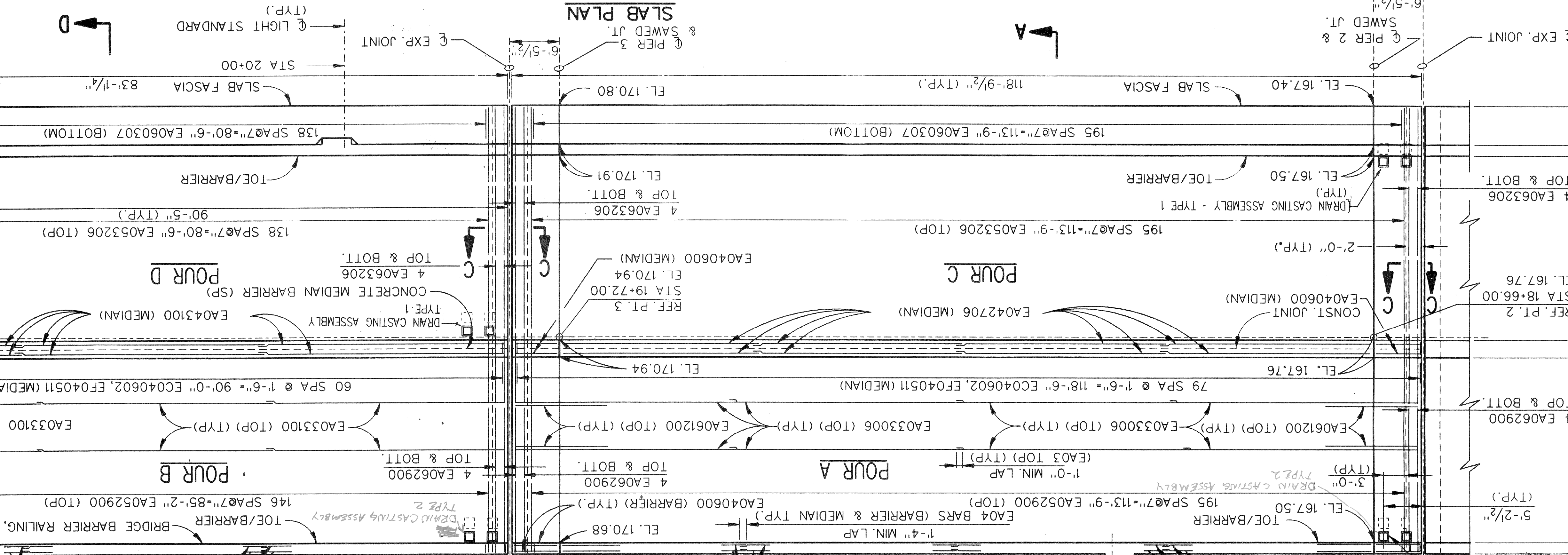
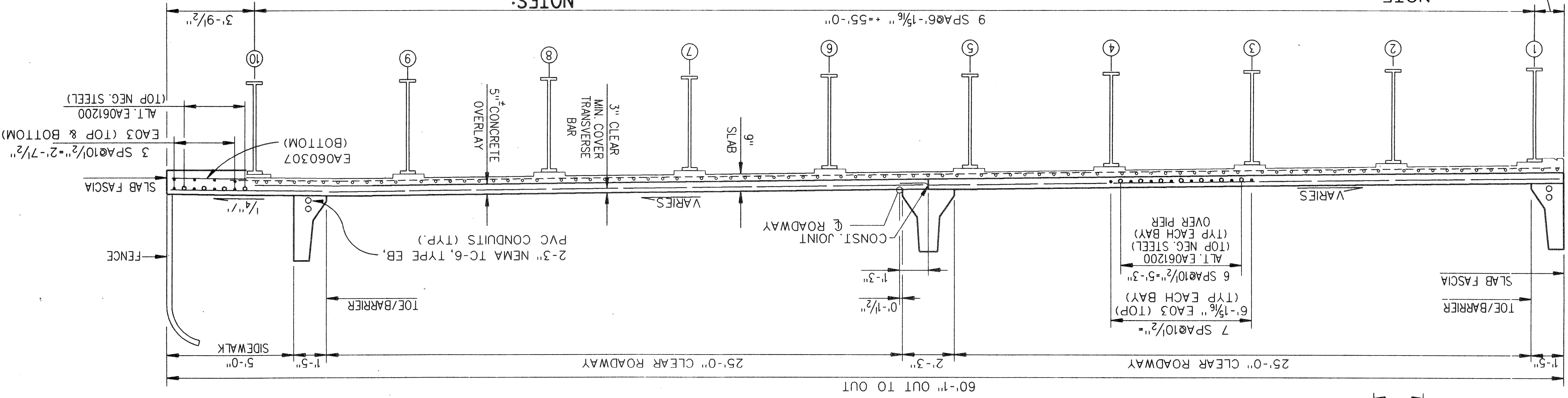
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A JOINT ASSOCIATION
18431 JAMES COUZENS DETROIT, MI 48235

NOTE:
FORMING, FINISHING, AND CURING SUPERSTRUCTURE CONCRETE WILL BE MEASURED AS A LUMP SUM UNIT FOR THE 3'-9 1/2" OVERHANG ON SPANS 1, 2, 3, & 4 FOR ALL OF SPAN 16 AND THE 2 FOOT DECK JOINT REPLACEMENT AT PERS 1 TO 14, AND THE 1'-6" DECK REPLACEMENT ON SPANS 5 TO 15.

WEST BARRIER	167.31	167.50	168.30	169.09	169.89	170.68	171.47	172.23	173.02	173.85	174.32
MEDIAN WEST	167.57	167.76	168.56	169.35	170.15	170.94	171.73	172.49	173.17	173.85	
CONST. JT.	167.57	167.76	168.56	169.35	170.15	170.94	171.73	172.49	173.17	173.85	
MEDIAN EAST	167.57	167.76	168.56	169.35	170.15	170.94	171.73	172.49	173.17	173.85	
EAST BARRIER	167.31	167.50	168.30	169.09	169.89	170.68	171.47	172.23	173.02	173.85	
EXPJT PIER 2	1/4	1/4	1/4	1/2	3/4	PIER 3	EXPJT	1/4	1/2	3/4	PIER 4

SCREED ELEVATIONS

NOTE:
WORK THIS SHEET WITH SHEETS 26, 27, 33, AND 35 THUR 51 FOR PEDESTRIAN FENCING DETAILS, SEE SHEETS 52 & 53. SCREED ELEVATIONS ARE BASED ON THE CONDITION THAT NO CONCRETE OVERLAY HAS BEEN CAST.
OUTER SCREED RAILS FOR FINISHING OF CONCRETE SHALL BE LOCATED OVER FASCIA BEAM AND OVER THE SLAB ADJACENT TO CONSTRUCTION JOINT.



106'-0" SPAN 3 (REF. PT. TO REF. PT.)	177 SPA @ 8" = 118'-0" EP040602 (BARRIER) (TYP.)	170 SPA @ 8" = 113'-0" EZ050407 (BARRIER) (TYP.)	129 SPA @ 1'-0" = 86'-0" EZ050407 (BARRIER) (TYP.)	135 SPA @ 8" = 90'-0" EP040602 (BARRIER) (TYP.)	97'-0" SPAN 4 (REF. PT. TO REF. PT.)
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THE CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION SUPERSTRUCTURE DETAILS

NOTE:
SCREDS AFFECTED BY LOADS IN OTHER SPANS ARE TO BE SET TO THE ELEVATIONS SHOWN BEFORE CASTING ANY CONCRETE. CONCRETE IN THE SUSPENDED SPANS IS TO BE CAST BEFORE THE CONCRETE IN THE ANCHOR SPANS.

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2

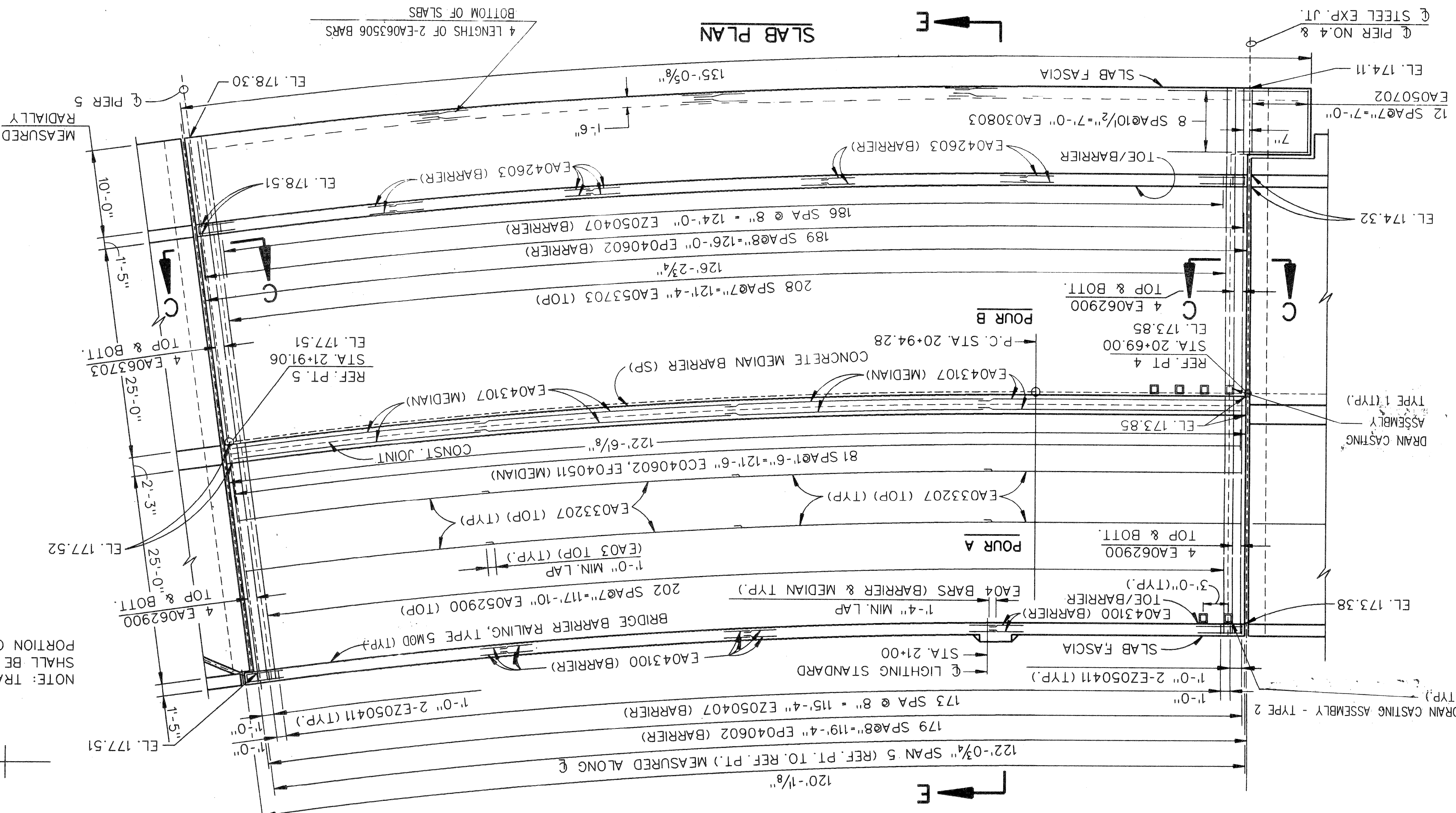
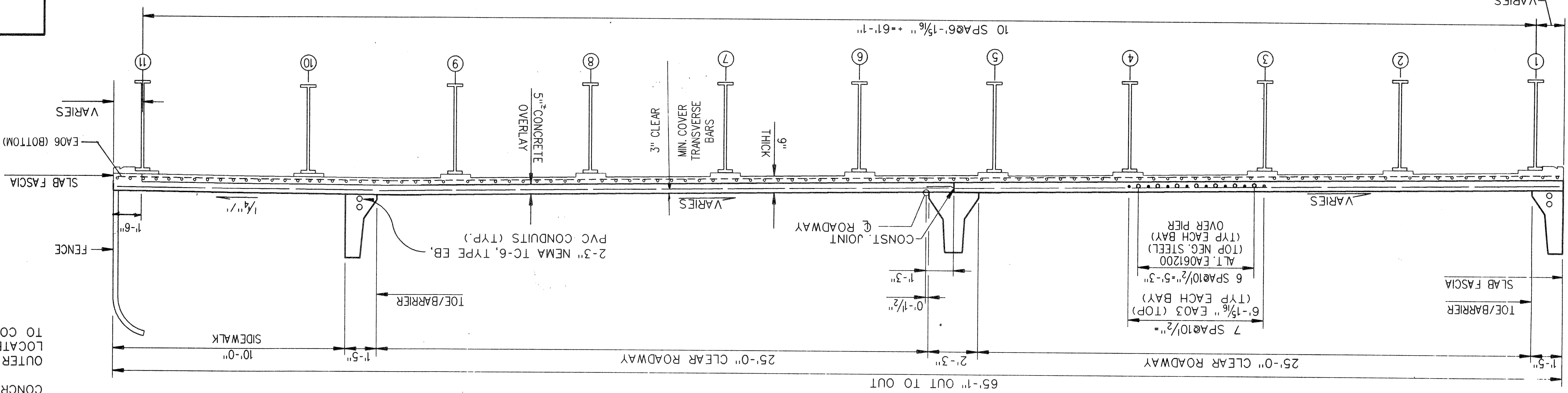
ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	237.5
CONCRETE MEDIAN BARRIER (SP.)	LFT	118.8
SCARIFYING	SYD	760.9
HYDRODEMOLISHING - FIRST PASS	SYD	579.3
HYDRODEMOLISHING - SECOND PASS	SYD	43.8
CONSTRUCTING BRIDGE DECK SURFACE	SYD	541.3
FALSE DECKING	SYD	0
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 1	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 2	EACH	2
DRIVE CASTING ASSEMBLY - TYPE 3	EACH	2



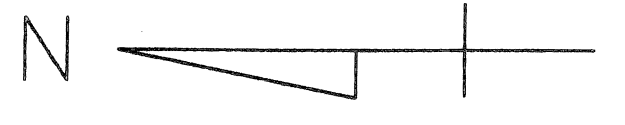
BAKER AND ASSOCIATES
 WALTER TEAMER AND ASSOCIATES, INC.
 A JOINT ASSOCIATION
 18431 JAMES COUZENS DETROIT, MI 48235

SECTION E-E
 SCREED ELEVATIONS

PIER 5	1/2	173.38	174.14	174.89	175.66	176.51
WEST BARRIER		173.85	174.77	175.68	176.60	177.51
MEDIAN WEST		173.85	174.77	175.68	176.60	177.51
CONST. JT.		173.85	174.77	175.68	176.60	177.51
MEDIAN EAST		173.85	174.77	175.68	176.60	177.51
EAST BARRIER		174.32	175.40	176.47	177.55	178.51



NOTE: TRANSVERSE REINFORCING STEEL SHALL BE PLACED RADIALLY IN CURVED PORTION OF SLAB.



THE CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 SUPERSTRUCTURE DETAILS

DATE	BY	DESCRIPTION

WORK THIS SHEET WITH SHEETS 26, 27, 33, 34 AND 36 THRU 51.
 FOR PEDESTRIAN FENCING DETAILS, SEE SHEETS 52 & 53.
 SCREDS AFFECTED BY LOADS IN OTHER SPANS ARE TO BE SET TO THE ELEVATIONS SHOWN BEFORE CASTING ANY CONCRETE. CONCRETE IN THE SUSPENDED SPANS IS TO BE CAST BEFORE THE CONCRETE IN THE ANCHOR SPANS.
 FORMING, FINISHING, AND CURING SUPERSTRUCTURE CONCRETE WILL BE MEASURED AS A LUMP SUM UNIT FOR THE 3'-9 1/2" OVERHANG ON SPANS 1, 2, 3, & 4 FOR ALL OF SPAN 6 AND THE 2 FOOT DECK JOINT REPLACEMENT AT PIERS 1 TO 14, AND THE 1'-6" DECK REPLACEMENT ON SPANS 5 TO 15.
 SCREED ELEVATIONS ARE BASED ON THE CONDITION THAT NO CONCRETE OVERLAY HAS BEEN CAST.
 OUTER SCREED RAILS FOR FINISHING OF CONCRETE SHALL BE LOCATED OVER FASCIA BEAM AND OVER THE SLAB ADJACENT TO CONSTRUCTION JOINT.

NOTES:

SUPERSTRUCTURE CONCRETE QUANTITIES

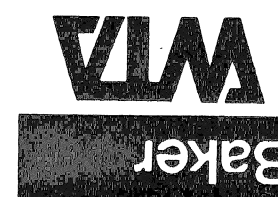
POUR	AMT (CYDS)
A	53.4
B	75.9
TOTAL CONC: 129.3	

MISCELLANEOUS QUANTITIES

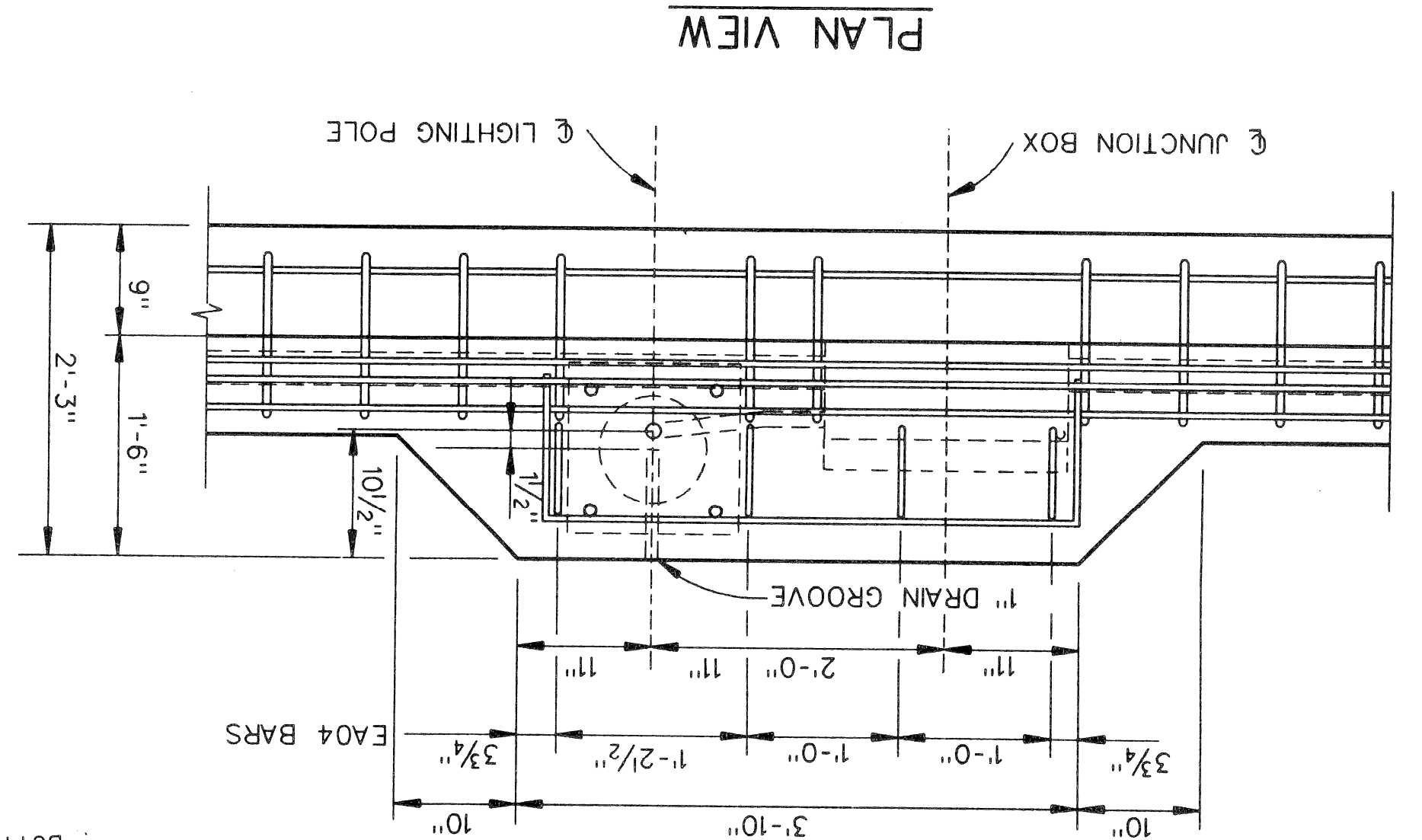
ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	246.3
CONCRETE MEDIAN BARRIER (SP.)	LFT	122.5
SCAFFOLDING	SYD	882.3
HYDRODEMOLISHING - FIRST PASS	SYD	882.3
HYDRODEMOLISHING - SECOND PASS	SYD	40.6
PASS	SYD	40.6
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	4
CONSTRUCTING BRIDGE DECK SURFACE	SYD	862.6
FALSE DECKING	SYD	882.0
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2

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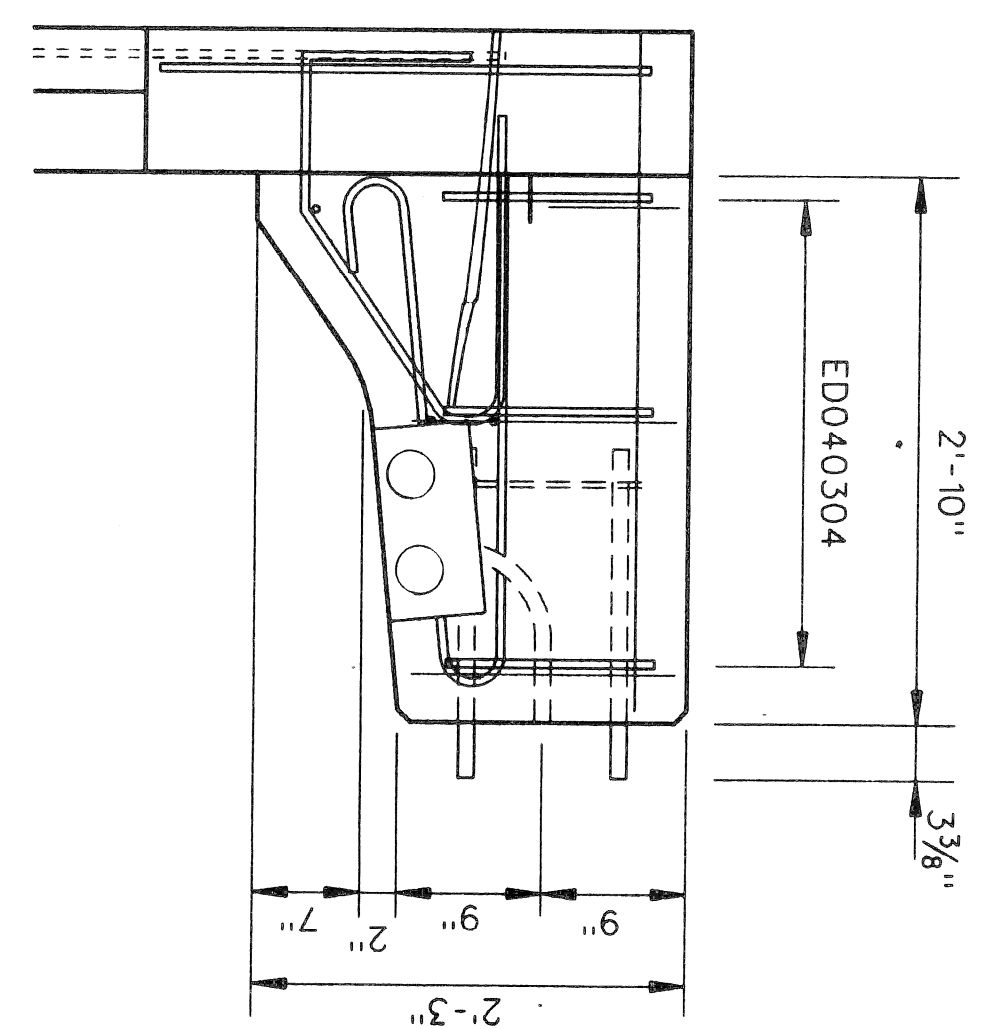
SHEET NO. 35
 JOB NO. 822248
 SECTION B01 OF



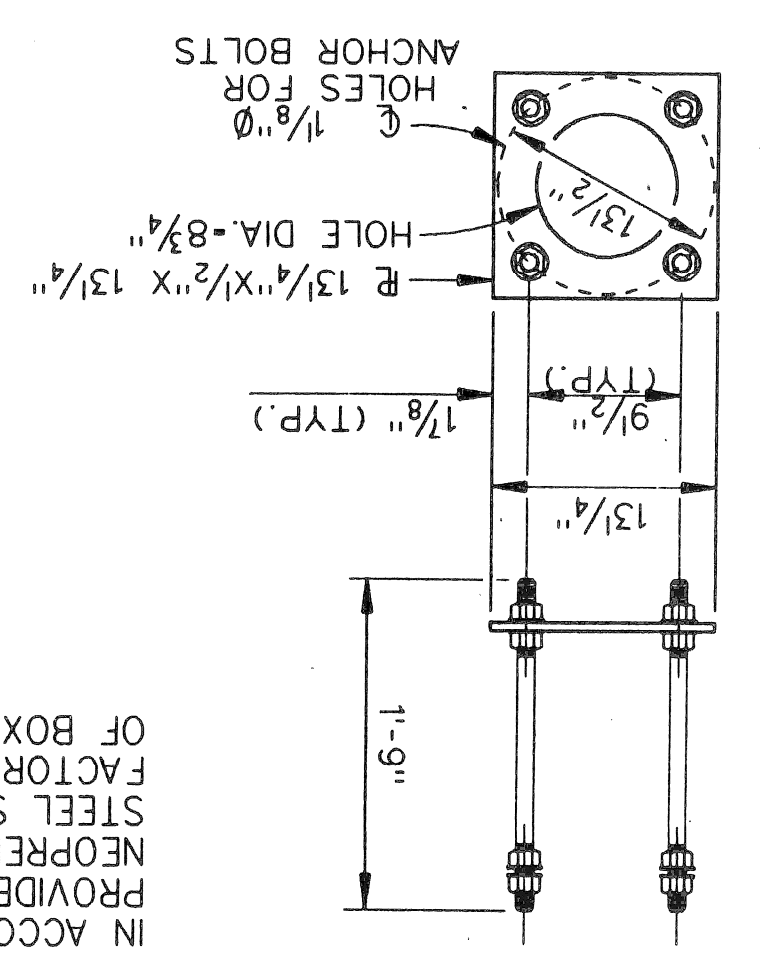
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 18431 JAMES COUZENS DETROIT, MI 48235



SECTION THRU LIGHT STANDARD



ANCHOR BOLT ASSEMBLY



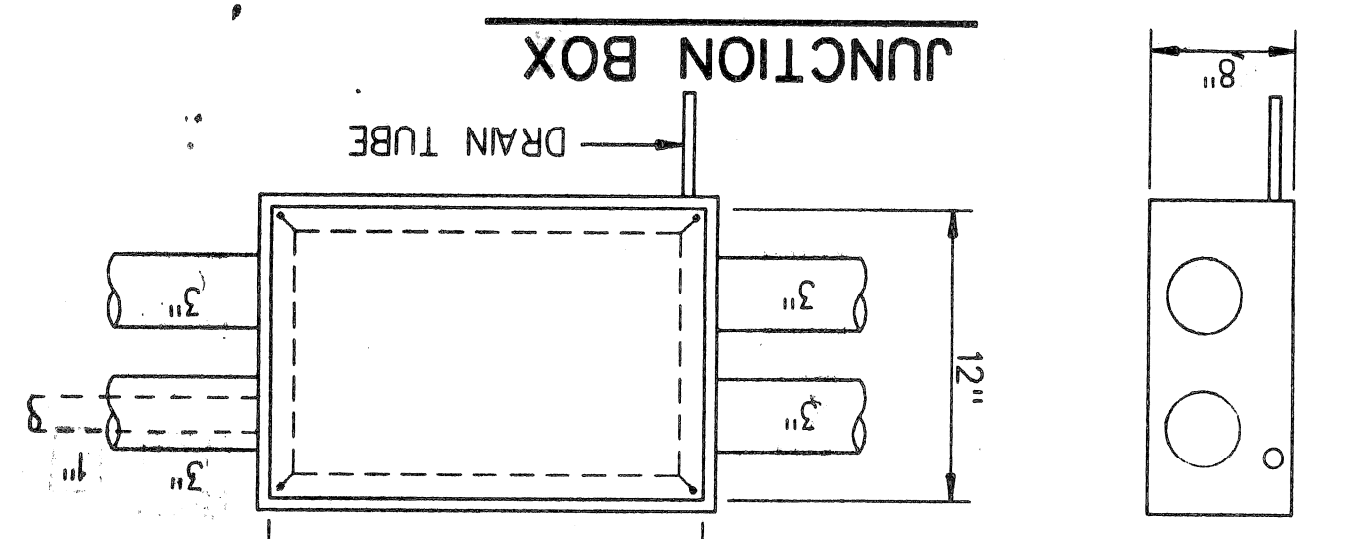
NOTES:

JUNCTION BOX: CAST-IRON OR WELDED STEEL PLATE JUNCTION BOX, HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM-A153 AFTER FABRICATION. PROVIDE A COVER AND WATER-TIGHT CLOSED CELL NEOPRENE GASKET WITH BRASS OR STAINLESS STEEL SCREWS TO SECURE COVER. PROVIDE FACTORY INSTALLED GROUNDING STUD IN REAR OF BOX WITH HEX NUT, AS APPLICABLE.

WORK THIS SHEET WITH SHEETS 26, 27, 33, THRU 35 AND 37 THRU 51. FOR PEDESTRIAN FENCING DETAILS, SEE SHEETS 8 & ANCHOR BOLTS (4): 1" DIA X 1'-9", 4" THREAD EACH END AND 4 HEX NUTS, 2" X 3/8" SPRING LOCK WASHER, TOP ONLY.

ANCHOR BOLT ASSEMBLY: THE ASSEMBLY SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM-A153. THE BID ITEM "LIGHT STANDARD ANCHOR ASSEMBLY FURNISHED AND PLACED" INCLUDES ALL WORK AND MATERIAL REQUIRED FOR INSTALLATION.

SET LIGHTING POLES TRULY VERTICAL WITH BASES LEVEL. PROVIDE A MINIMUM 2 1/2" CONCRETE COVER FOR CONDUIT.

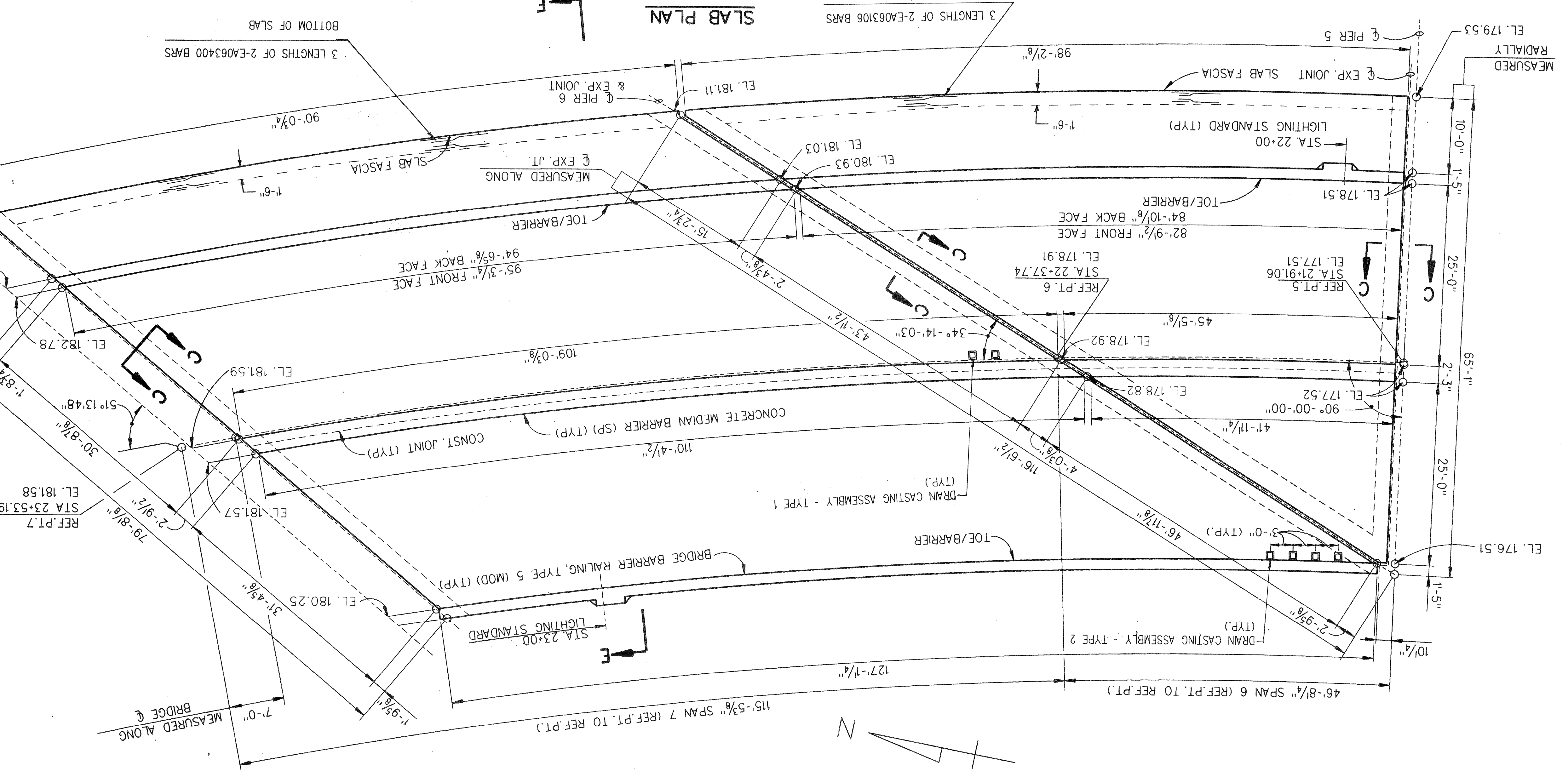


SUPERSTRUCTURE CONCRETE QUANTITIES

POUR	AMT (CYDS)
A	12.6
B	52.3
C	44.8
D	60.5
TOTAL CONC: 170.2	

MISCELLANEOUS QUANTITIES

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5	SPAN 6	7
(MOD) FOR RAILING REPLACEMENT	LFT	219.4
CONCRETE MEDIAN BARRIER (SP)	LFT	45.4
SCARIFYING	SYD	367.8
HYDRODEMOLISHING - FIRST PASS	SYD	367.8
HYDRODEMOLISHING - SECOND PASS	SYD	16.9
PASS	SYD	8.9
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	0
CONSTRUCTING BRIDGE DECK SURFACE	SYD	327.2
FALSE DECKING	SYD	368.0
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	0



THE CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 SUPERSTRUCTURE DETAILS

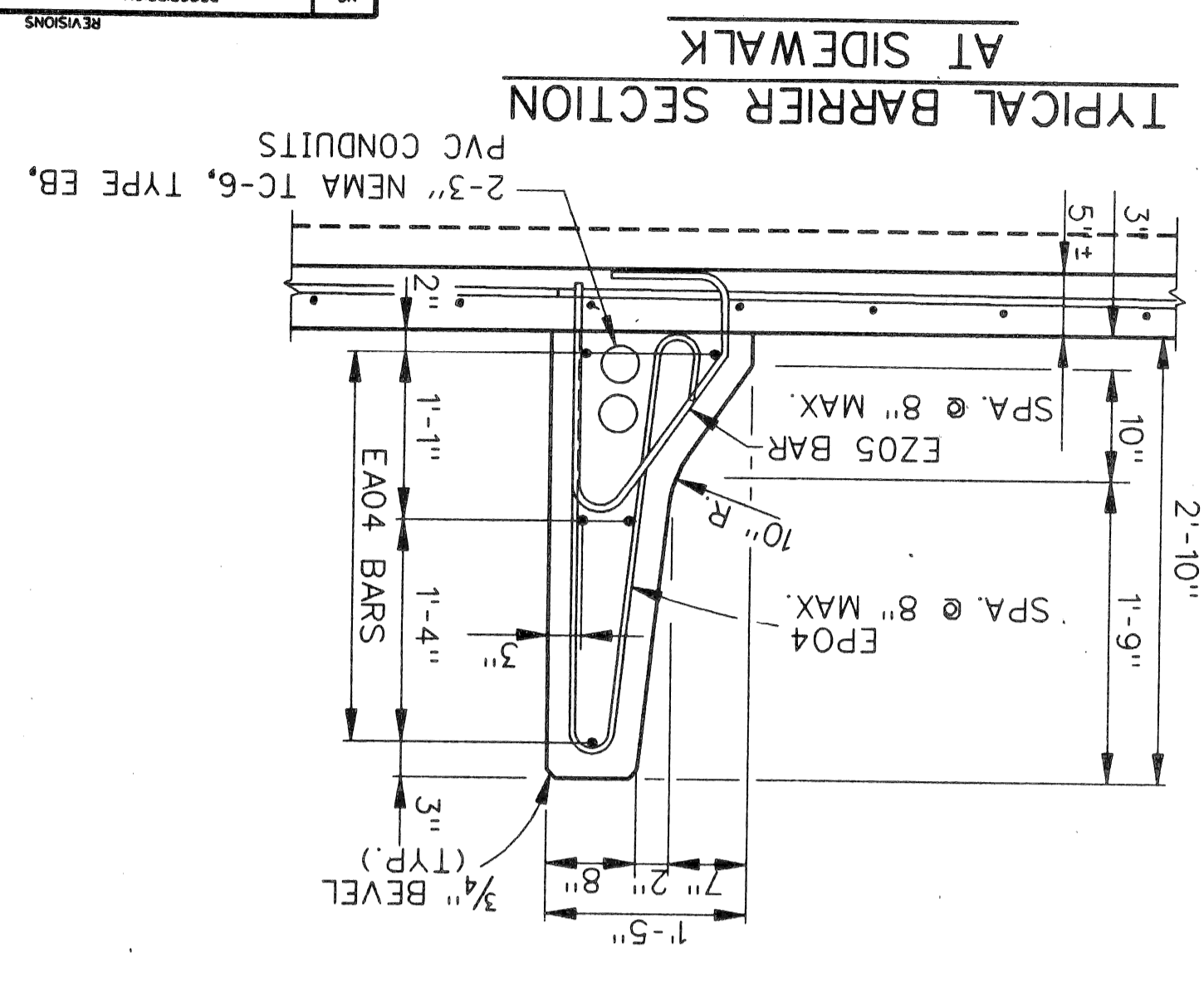
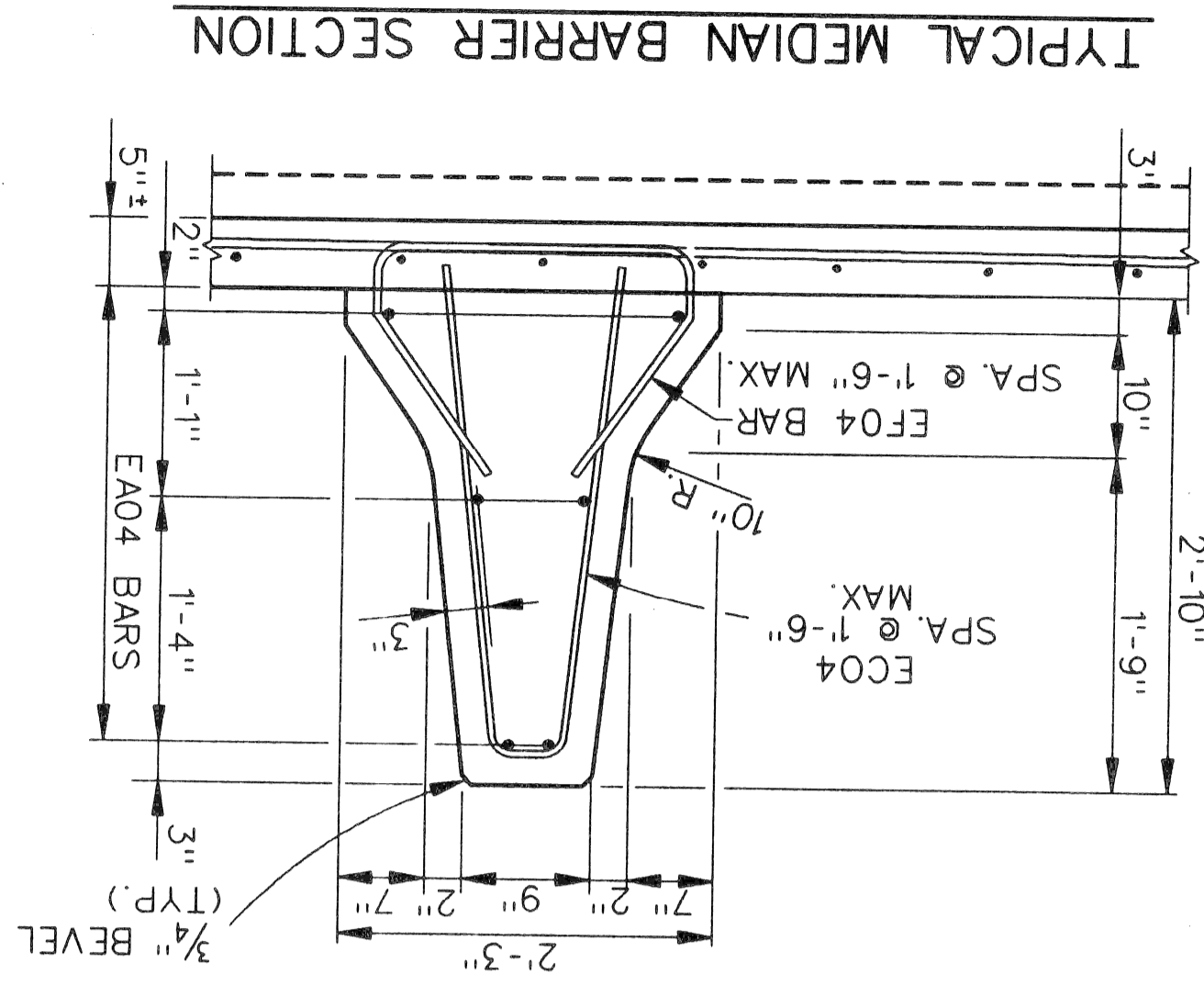
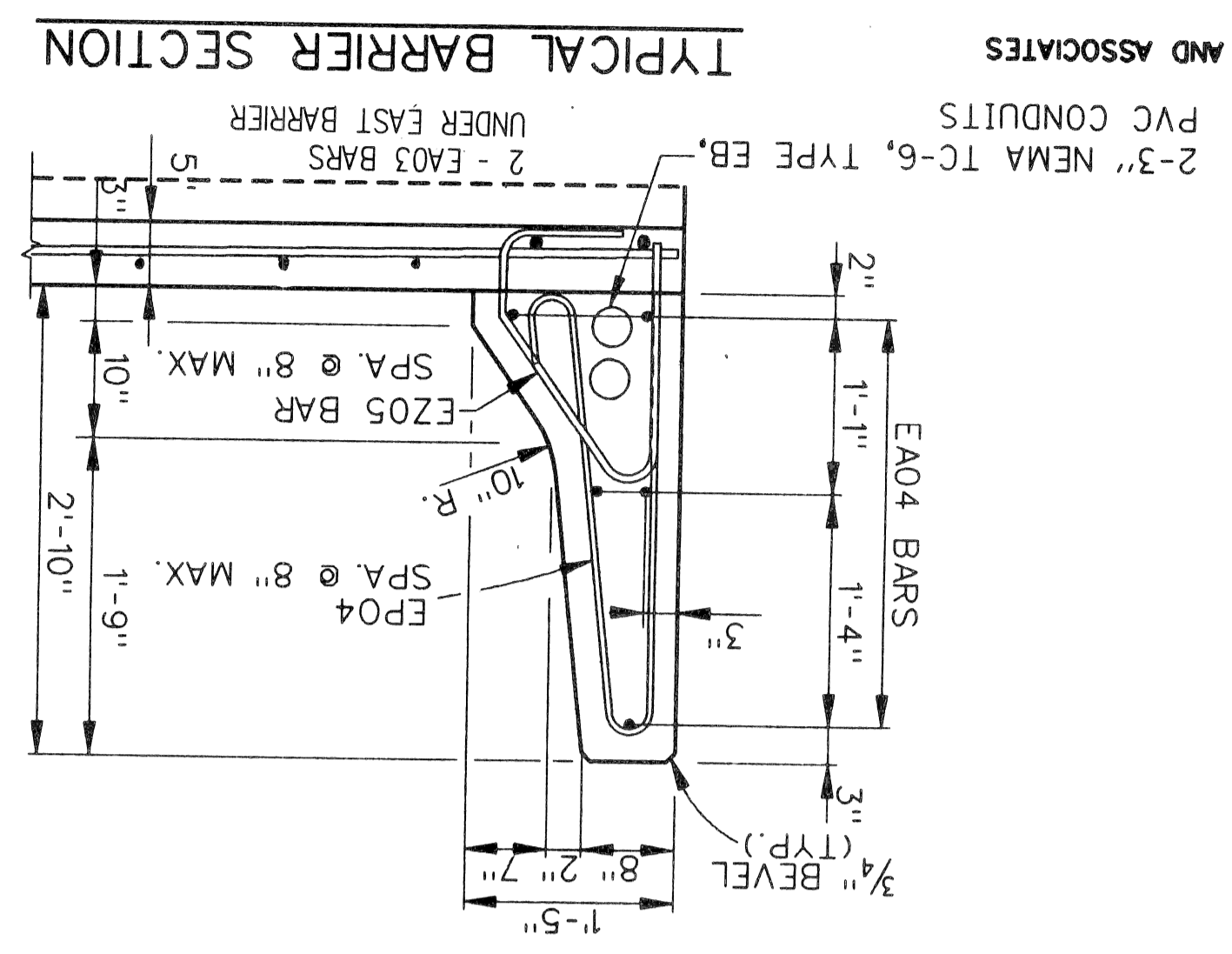
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NO.	DESCRIPTION	DATE	BY

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WATER TEAMER AND ASSOCIATES, INC.
A JOINT ASSOCIATION
18431 JAMES COUZENS DETROIT, MI 48235



THE CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
SUPERSTRUCTURE DETAILS

NO.	REVISIONS

DATE	BY

NAME	DATE	BY

18431 JAMES COUZENS DETROIT, MI 48235

SCREED ELEVATIONS ARE BASED ON THE CONDITION THAT NO CONCRETE OVERLAY HAS BEEN CAST.
AT PIERS 1 TO 14, AND THE 1'-6" DECK REPLACEMENT ON SPANS 5 TO 15.
SPAN 16 AND THE 2 FOOT DECK JOINT REPLACEMENT
3'-9 1/2" OVERHANG ON SPANS 1, 2, 3, & 4 FOR ALL OF
CONCRETE WILL BE MEASURED AS A LUMP SUM UNIT FOR THE
FORMING, FINISHING, AND CURING SUPERSTRUCTURE
TO BE SET TO THE ELEVATIONS SHOWN BEFORE
CASTING ANY CONCRETE. CONCRETE IN THE
SUSPENDED SPANS IS TO BE CAST BEFORE THE
CONCRETE IN THE ANCHOR SPANS.

SCREDS AFFECTED BY LOADS IN OTHER SPANS ARE
TO BE SET TO THE ELEVATIONS SHOWN BEFORE
CASTING ANY CONCRETE. CONCRETE IN THE
SUSPENDED SPANS IS TO BE CAST BEFORE THE
CONCRETE IN THE ANCHOR SPANS.

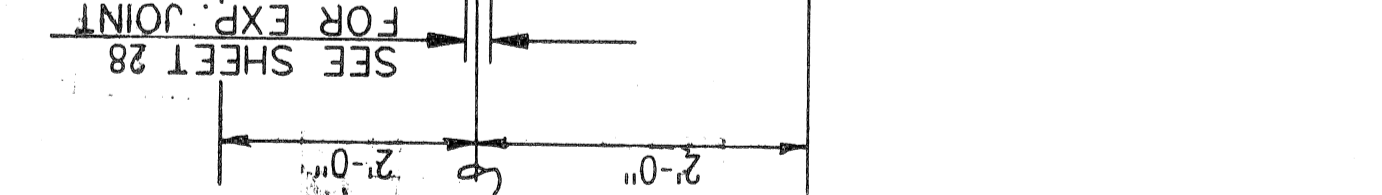
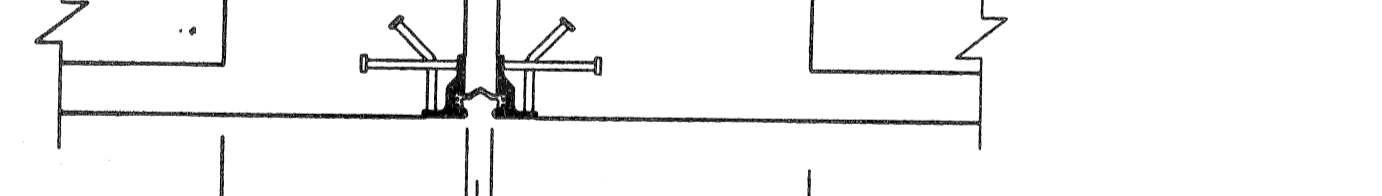
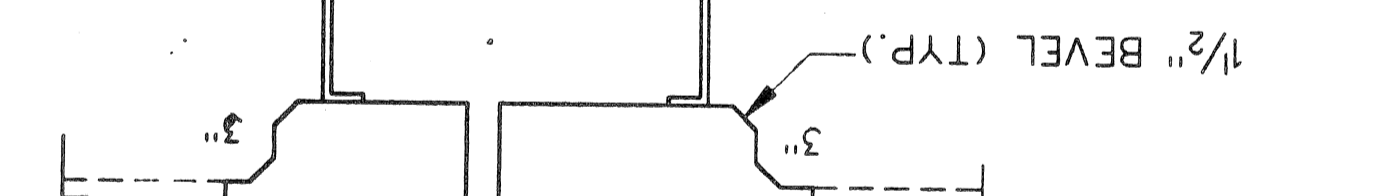
FOR PEDESTRIAN FENCING DETAILS, SEE SHEETS 52 & 53.
WORK THIS SHEET WITH SHEETS 26, 27, 33 THRU 37 AND 39 THRU 51.

LONGITUDINAL STEEL SHALL BE PLACED CONCENTRIC TO BRIDGE
CENTER LINE.
TRANSVERSE REINFORCING STEEL SHALL BE PLACED RADIALY IN
CURVED PORTION OF SLAB.

NOTES:

MEASURED ALONG
FOR EXP. JOINT

SECTION C-C



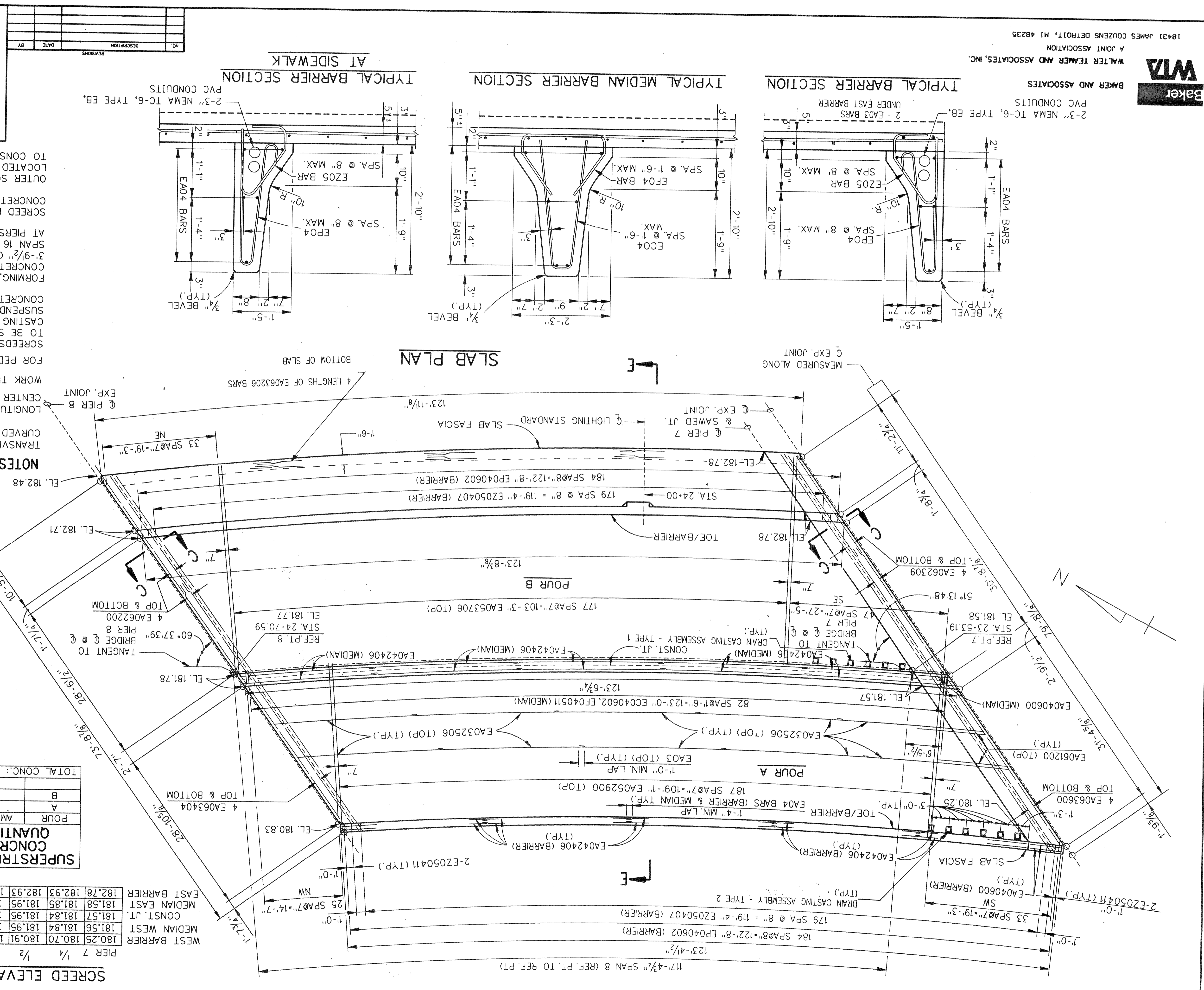
ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	247.1
CONCRETE MEDIAN BARRIER (SP.)	LFT	123.6
SCAFFOLDING	SYD	890.0
HYDRODEMOLISHING - FIRST PASS	SYD	890.0
HYDRODEMOLISHING - SECOND PASS	SYD	20.5
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	6
CONSTRUCTING BRIDGE DECK SURFACE	SYD	855.5
FALSE DECKING	SYD	890.0
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	6
TOTAL CONC.		128.5

POUR	AMT (CYDS)
A	54.3
B	74.2
TOTAL CONC.	128.5

PIER 7	1/4	180.25	180.70	180.91	180.94	180.83
WEST BARRIER		181.56	181.84	181.95	181.89	181.77
MEDIAN WEST		181.57	181.84	181.95	181.88	181.77
CONST. JT.		181.57	181.84	181.95	181.88	181.77
MEDIAN EAST		181.58	181.85	181.95	181.88	181.77
EAST BARRIER		182.78	182.93	182.93	182.82	182.71

PIER 8	3/4	180.25	180.70	180.91	180.94	180.83
WEST BARRIER		181.56	181.84	181.95	181.89	181.77
MEDIAN WEST		181.57	181.84	181.95	181.88	181.77
CONST. JT.		181.57	181.84	181.95	181.88	181.77
MEDIAN EAST		181.58	181.85	181.95	181.88	181.77
EAST BARRIER		182.78	182.93	182.93	182.82	182.71

PIER 8	3/4	180.25	180.70	180.91	180.94	180.83
WEST BARRIER		181.56	181.84	181.95	181.89	181.77
MEDIAN WEST		181.57	181.84	181.95	181.88	181.77
CONST. JT.		181.57	181.84	181.95	181.88	181.77
MEDIAN EAST		181.58	181.85	181.95	181.88	181.77
EAST BARRIER		182.78	182.93	182.93	182.82	182.71



SECTION B01 OF 822248 JOB NO. 38

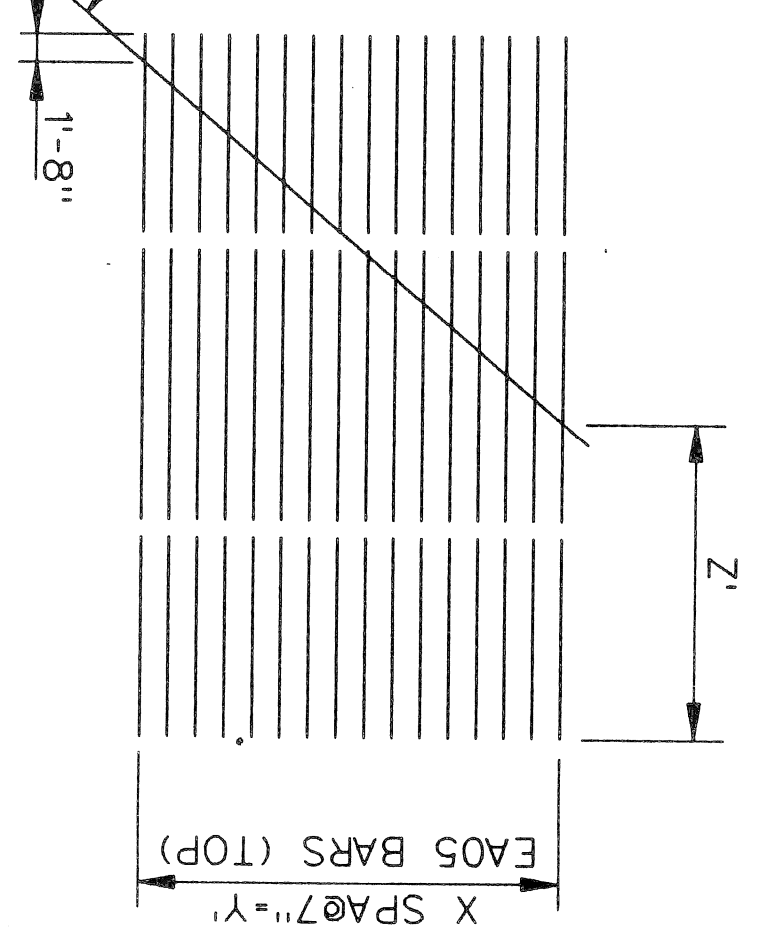
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18431 JAMES COUZENS DETROIT, MI 48235

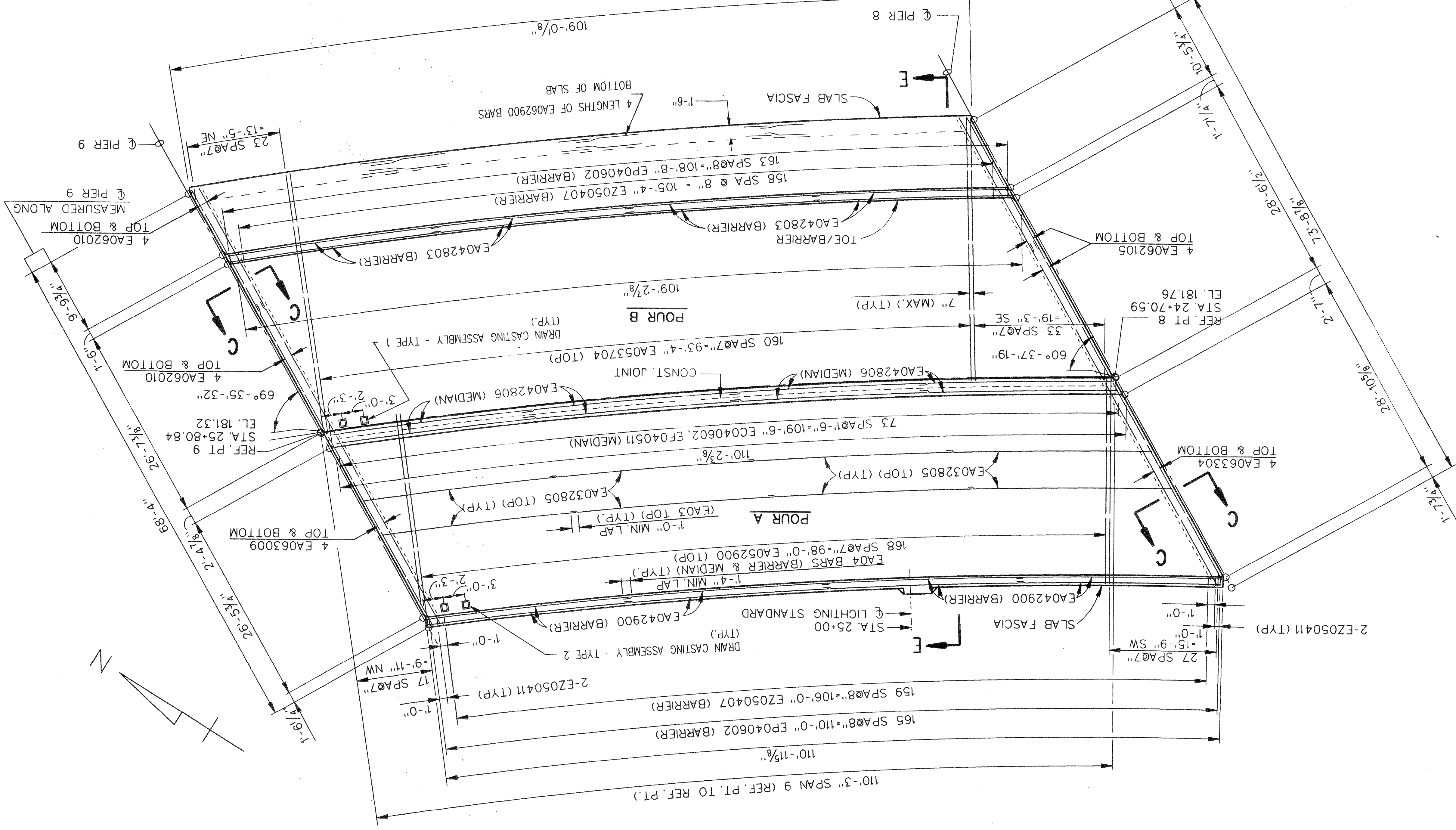
NOTE: REINFORCEMENT IS TO BE SHOP CUT BEFORE CUT LINE

CUTTING DIAGRAM



LOCATION	BAR NO.	X	Y	Z
SPAN 6 SECT. SW	EA053003	35	20'-5"	15'-3 3/8"
SPAN 6 SECT. NE	EA053807	43	25'-1"	19'-6"
SPAN 7 SECT. SW	EA053003	34	19'-10"	15'-3 3/8"
SPAN 7 SECT. NW	EA053000	18	10'-6"	15'-4 3/8"
SPAN 7 SECT. SE	EA053807	43	25'-1"	19'-6 3/8"
SPAN 8 SECT. SW	EA053000	19	11'-1"	15'-4 3/8"
SPAN 8 SECT. NW	EA052908	12	7'-0"	15'-4 3/8"
SPAN 8 SECT. SE	EA053803	23	13'-5"	19'-6"
SPAN 9 SECT. SW	EA052908	13	7'-0"	15'-3 3/8"
SPAN 9 SECT. NW	EA052901	8	4'-8"	15'-3 3/8"
SPAN 9 SECT. SE	EA053800	16	9'-4"	19'-6 3/8"
SPAN 15 SECT. NE	EA053709	16	9'-4"	19'-4 3/8"
SPAN 16 SECT. SE	EA063500	14	8'-2"	33'-6"
SPAN 16 SECT. SW	EA062706	10	5'-10"	26'-0"

SLAB PLAN



THE CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
SUPERSTRUCTURE DETAILS

NO.	DESCRIPTION	DATE	BY

FORMING, FINISHING, AND CURING SUPERSTRUCTURE CONCRETE WILL BE MEASURED AS A LUMP SUM UNIT FOR THE 3'-9 1/2" OVERHANG ON SPANS 1, 2, 3, & 4 FOR ALL OF AT PIERS 1 TO 14, AND THE 1'-6" DECK REPLACEMENT ON SPANS 5 TO 15. SCREED ELEVATIONS ARE BASED ON THE CONDITION THAT NO CONCRETE OVERLAY HAS BEEN CAST.

SCREDS AFFECTED BY LOADS IN OTHER SPANS ARE TO BE SET TO THE ELEVATIONS SHOWN BEFORE CASTING ANY CONCRETE. CONCRETE IN THE SUSPENDED SPANS IS TO BE CAST BEFORE THE FORMING, FINISHING, AND CURING SUPERSTRUCTURE CONCRETE IN THE ANCHOR SPANS.

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	220.2
CONCRETE MEDIAN BARRIER (SP)	LFT	111.0
SCAFFOLDING	SYD	785.1
HYDRODEMOLISHING - FIRST PASS	SYD	785.1
HYDRODEMOLISHING - SECOND PASS	SYD	81.3
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	2
CONSTRUCTING BRIDGE DECK SURFACE	SYD	753.2
FALSE DECKING	SYD	786.0
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	2

SCREED ELEVATIONS	PIER 8	1/4	1/2	3/4	PIER 9
WEST BARRIER	180.83	181.71	180.59	180.48	180.37
MEDIAN WEST	181.77	181.66	181.55	181.44	181.33
CONST. JT.	181.77	181.66	181.55	181.44	181.33
MEDIAN EAST	181.77	181.66	181.55	181.44	181.33
EAST BARRIER	182.71	182.61	182.50	182.40	182.29

QUANTITIES	CONCRETE	POUR	AMT (CYDS)
A	48.9		
B	66.0		
TOTAL CONC.	114.9		

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SUPERSTRUCTURE CONCRETE QUANTITIES

POUR	AMT (CYDS)
A	35.7
B	45.4
C	48.6
D	61.8
TOTAL CONC.	191.5

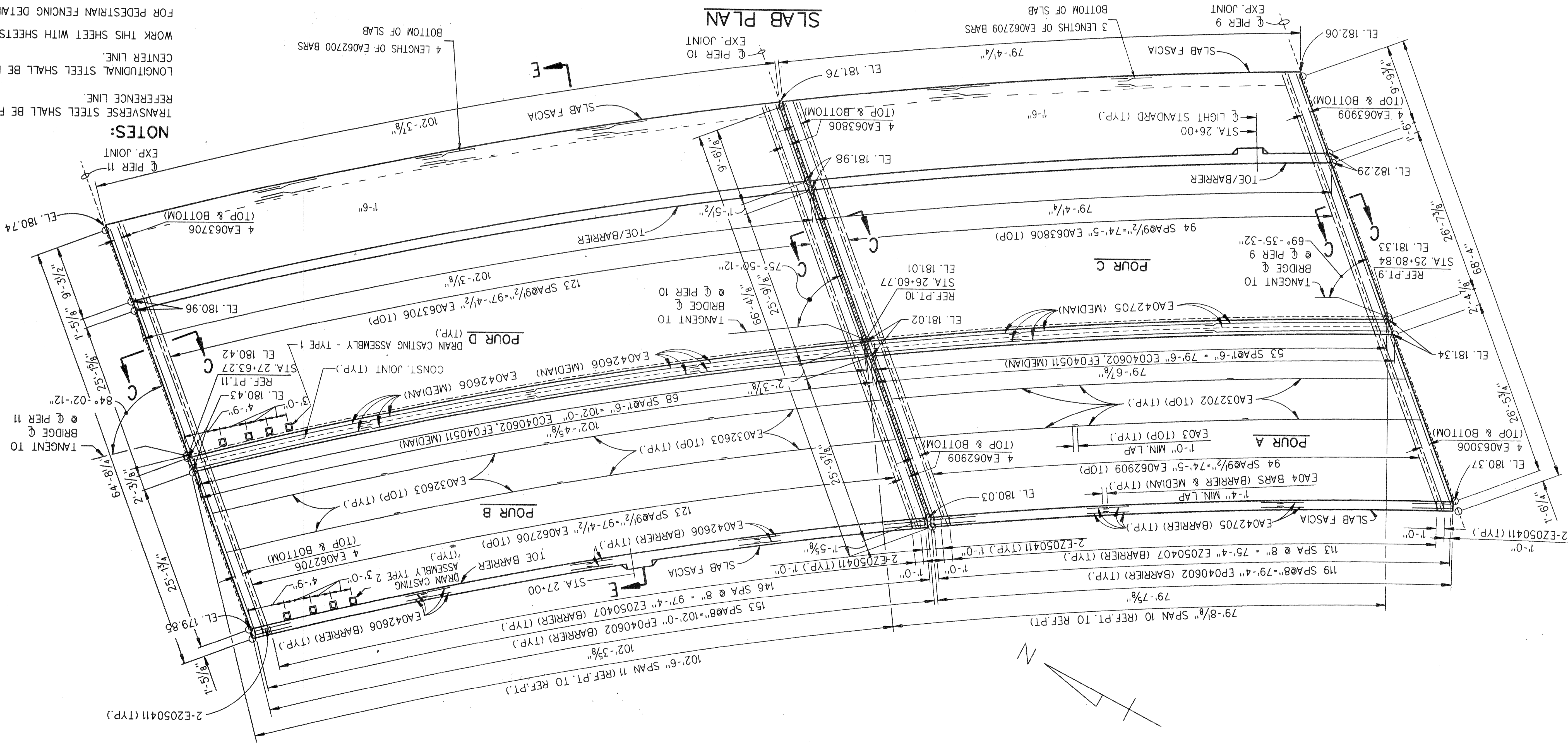
MISCELLANEOUS QUANTITIES

ITEM	UNIT	AMOUNT
BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT	LFT	158.9
CONCRETE MEDIAN BARRIER (SP.)	LFT	79.6
SCAFFOLDING	SYD	570.9
HYDRODEMOLISHING - FIRST PASS	SYD	570.9
HYDRODEMOLISHING - SECOND PASS	SYD	32.8
DRAIN CASTING ASSEMBLY - TYPE 1	EACH	0
CONSTRUCTING BRIDGE DECK SURFACE	SYD	540.6
DRAIN CASTING ASSEMBLY - TYPE 2	EACH	0

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SCREED ELEVATIONS

PIER	9	1/4	1/2	3/4	10	1/4	1/2	3/4	PIER 11
WEST BARRIER	180.37	180.28	180.20	180.12	180.03	179.93	179.94	179.96	179.86
MEDIAN WEST	181.33	181.25	181.17	181.09	181.01	180.91	180.80	180.67	180.43
CONST. JT.	181.33	181.25	181.17	181.09	181.01	180.90	180.80	180.67	180.42
MEDIAN EAST	181.33	181.25	181.17	181.09	181.01	180.90	180.80	180.67	180.42
EAST BARRIER	182.29	182.21	182.14	182.06	181.98	181.84	181.61	181.35	180.97



NOTES:
 TRANSVERSE STEEL SHALL BE PLACED PARALLEL TO THE CENTER LINE.
 LONGITUDINAL STEEL SHALL BE PLACED CONCENTRIC TO BRIDGE CENTER LINE.
 WORK THIS SHEET WITH SHEETS 26, 27, 33 THRU 40 AND 41 THRU 51.
 FOR PEDESTRIAN FENCING DETAILS, SEE SHEETS 52 & 53.
 SCREDS AFFECTED BY LOADS IN OTHER SPANS ARE TO BE SET TO THE ELEVATIONS SHOWN BEFORE CASTING ANY CONCRETE. CONCRETE IN THE SUSPENDED SPANS IS TO BE CAST BEFORE THE CONCRETE IN THE ANCHOR SPANS.
 FORMING, FINISHING, AND CURING SUPERSTRUCTURE CONCRETE WILL BE MEASURED AS A LUMP SUM UNIT FOR THE 3'-9 1/2" OVERHANG ON SPANS 1, 2, 3, & 4 FOR ALL OF AT PIERS 1 TO 14, AND THE 1'-6" DECK REPLACEMENT ON SPANS 5 TO 15. SCREED ELEVATIONS ARE BASED ON THE CONDITION THAT NO OUTER SCREED RAILS FOR FINISHING OF CONCRETE SHALL BE LOCATED OVER FASCIA BEAM AND OVER THE SLAB ADJACENT TO CONSTRUCTION JOINT.

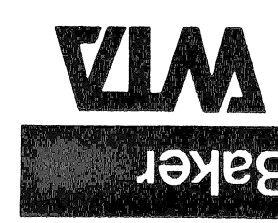
THE CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 SUPERSTRUCTURE DETAILS

NO.	DESCRIPTION	DATE	BY

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DATE	BY	NAME	DATE	BY	NAME
8/93					

B01 of 82-22-48
 SHEET 40 of 57
 CHECKED BY NAME DATE 1/94
 DRAWN BY NAME WTA DATE 6/93
 SOUND ROSS NAME RAL



BAKER AND ASSOCIATES
 WALTER TEAMER AND ASSOCIATES, INC.
 A JOINT ASSOCIATION
 18431 JAMES COUZENS DETROIT, MI 48235

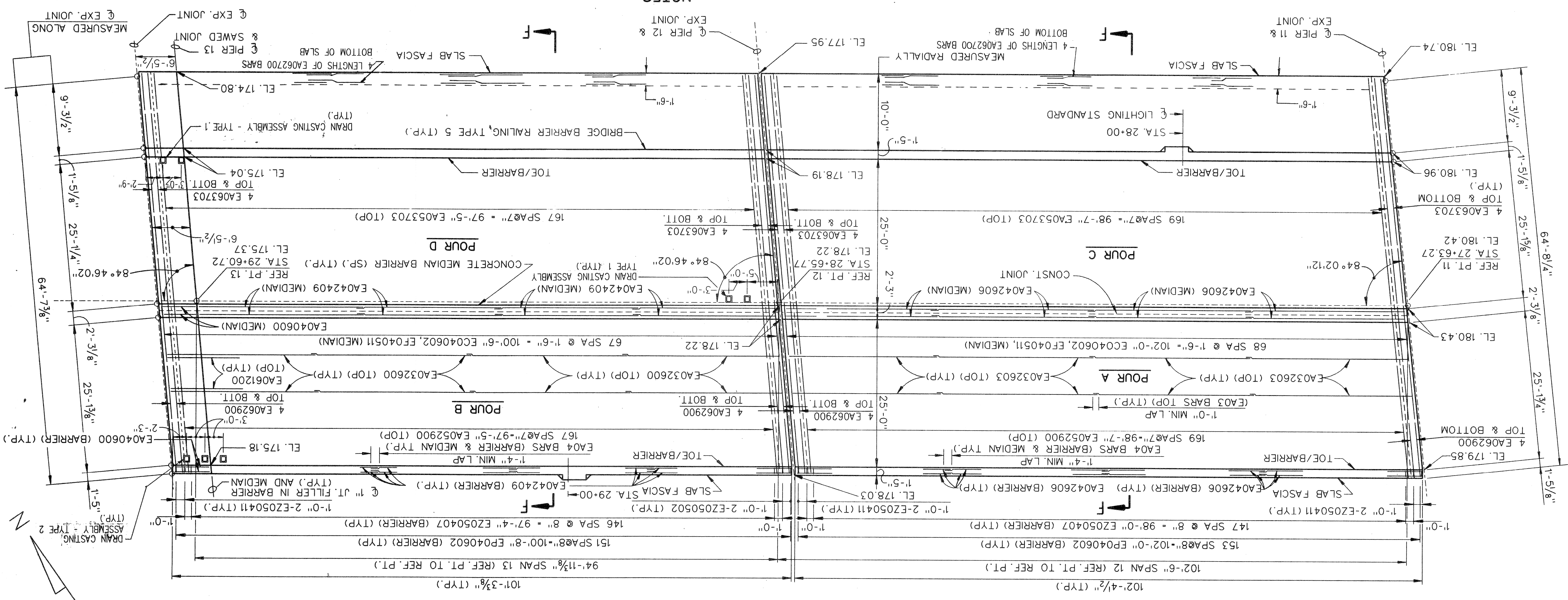
AMOUNT	UNIT	ITEM
204.7	LFT	BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT
101.3	LFT	CONCRETE MEDIAN BARRIER (SP.)
732.4	SYD	SCARIFYING
732.4	SYD	HYDRODEMOLISHING - FIRST PASS
732.4	SYD	HYDRODEMOLISHING - SECOND PASS
75.8	SYD	DRAIN CASTING ASSEMBLY - TYPE 1
703.3	SYD	CONSTRUCTING BRIDGE DECK SURFACE
0	EACH	DRAIN CASTING ASSEMBLY - TYPE 2

POUR	AMT (CYDS)	CONCRETE QUANTITIES
A	45.4	
B	44.9	
C	61.9	
D	61.2	
TOTAL CONC.		213.4

PIER	11	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	
WEST BARRIER	179.86	179.63	179.29	178.76	178.03	177.32	176.61	175.90	175.18	174.99												
MEDIAN WEST	180.43	180.06	179.57	178.96	178.22	177.51	176.80	176.09	175.38	175.19												
CONST. JT.	180.42	180.05	179.56	178.95	178.22	177.51	176.79	176.08	175.37	175.18												
MEDIAN EAST	180.42	180.05	179.56	178.95	178.22	177.51	176.79	176.08	175.37	175.18												
EAST BARRIER	180.97	180.45	179.82	179.07	178.19	177.36	176.52	175.75	175.04	174.85												

SCREED ELEVATIONS

SLAB PLAN



NOTES:

WORK THIS SHEET WITH SHEETS 26, 27, 33 THRU 40 AND 42 THRU 51.
 FOR PEDESTRIAN FENCING DETAILS, SEE SHEETS 52 & 53.
 SCREDS AFFECTED BY LOADS IN OTHER SPANS ARE TO BE SET TO THE ELEVATIONS SHOWN BEFORE CASTING ANY CONCRETE. CONCRETE IN THE SUSPENDED SPANS IS TO BE CAST BEFORE THE CONCRETE IN THE ANCHOR SPANS.
 FORMING, FINISHING, AND CURING SUPERSTRUCTURE CONCRETE WILL BE MEASURED AS A LUMP SUM UNIT FOR THE 3'-9/2" OVERHANG ON SPANS 1, 2, 3, & 4 FOR ALL OF AT PIERS 1 TO 14, AND THE 1'-6" DECK REPLACEMENT ON SPANS 5 TO 15. SCREED ELEVATIONS ARE BASED ON THE CONDITION THAT NO CONCRETE OVERLAY HAS BEEN CAST.
 OUTER SCREED RAILS FOR FINISHING OF CONCRETE SHALL BE LOCATED OVER FASCIA BEAM AND OVER THE SLAB ADJACENT TO CONSTRUCTION JOINT.

THE CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 SUPERSTRUCTURE DETAILS

NO.	DESCRIPTION	DATE	BY

NO.	DATE	BY	DESCRIPTION

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 NAME RAJ
 DATE 6/93

CHECKED BY NAME DATE 1/94
 SHEET 41 OF 57
 B01 of 82-22-48

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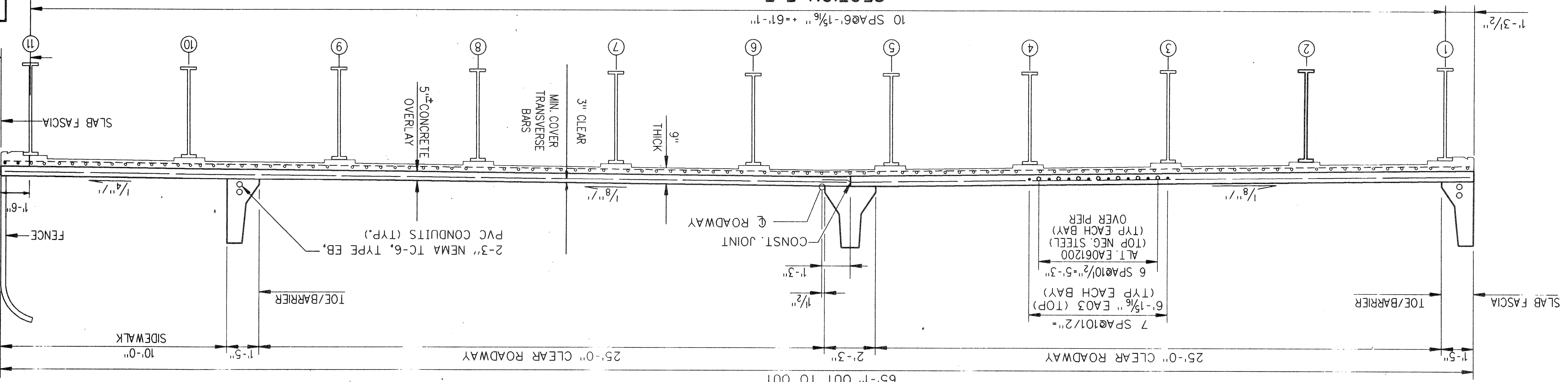
Baker and Associates
 WALTER TEMER AND ASSOCIATES, INC.
 A JOINT ASSOCIATION
 18431 JAMES COUZENS DETROIT, MI 48235

NO.	DESCRIPTION	DATE	BY

NO.	DESCRIPTION	DATE	BY

SCREENED ELEVATIONS

SECTION F-F



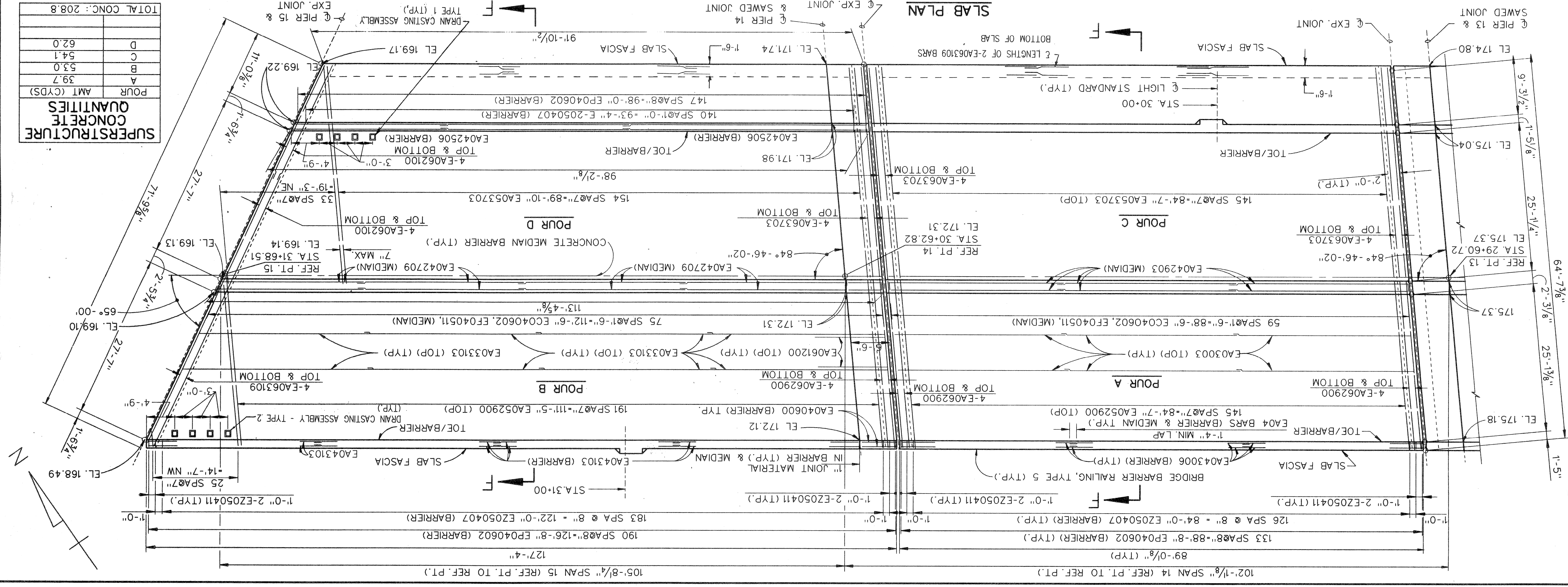
NOTES:
 WORK THIS SHEET WITH SHEETS 26, 27, 33 THRU 41 AND 43 THRU 51.
 FOR PEDESTRIAN FENCING DETAILS, SEE SHEETS 52 & 53.
 FOR ADDITIONAL NOTES SEE SHEET 41.

THE CITY OF DETROIT
 DEPARTMENT OF PUBLIC WORKS
 MOUNT ELLIOTT-MOUND ROAD GRADE SEPARATION
 SUPERSTRUCTURE DETAILS

NO.	DESCRIPTION	DATE	BY

AMOUNT	UNIT	ITEM
15	SPAN	BRIDGE BARRIER RAILING, TYPE 5 (MOD) FOR RAILING REPLACEMENT
225.5	LFT	BRIDGE BARRIER RAILING, TYPE 5
113.4	LFT	CONCRETE MEDIAN BARRIER (SP.)
798.0	SYD	SCARIFYING
646.2	SYD	HYDRODEMOLISHING - FIRST PASS
798.0	SYD	HYDRODEMOLISHING - SECOND PASS
9.2	EACH	DRAIN CASTING ASSEMBLY - TYPE 1
767.5	SYD	CONSTRUCTING BRIDGE DECK SURFACE
798.0	SYD	FALSE DECKING
4	EACH	DRAIN CASTING ASSEMBLY - TYPE 2

SLAB PLAN



AMOUNT	UNIT	ITEM
208.8	CONC.	TOTAL CONC.
39.7	AMT	POUR A
53.0	AMT	POUR B
54.1	AMT	POUR C
62.0	AMT	POUR D

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