CONTRACT NO. 83827

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3570	00-00116-00-BR	DUPAGE	106	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

Revised 9-16-09

STATE STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420401-07	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-05	CURB RAMPS FOR SIDEWALKS
515001-03	NAME PLATE FOR BRIDGES
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 375 mm (15") THRU 900 mm (36") DIA. AT RIGHT ANGLES WITH ROADWAY
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 600mm (24") THRU 1300mm 54") PIPE
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602301-02	INLET, TYPE A
602306-02	INLET, TYPE B
602401-02	MANHOLE, TYPE A
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITY FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF NAPERVILLE.

THE CONTRACTOR SHALL PROTECT THE CITY OF NAPERVILLE'S DEPARTMENT OF PUBLIC UTILITIES UNDERGROUND CABLES THROUGHTOUT THE PROJECT LIMITS.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON THE STATE OR CITY OF NAPERVILLE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT AND THE CITY.

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS PER BARRICADE.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

FOR STRUCTURAL GENERAL NOTES, SEE STRUCTURAL PLANS.

DRAINAGE STRUCTURE STATIONS, OFFSETS AND RIM ELEVATIONS ARE GIVEN TO THE EDGE OF PAVEMENT FOR STRUCTURES IN THE GUTTER AREA.

THE COST OF THE PROPOSED STORM SEWERS AND PIPE TEE SHALL INCLUDE THE COST FOR MAKING THE CONNECTIONS TO THE EXISTING STORM SEWERS INCLUDING CONCRETE COLLARS.

THE CONTRACTOR SHALL TRANSITION CURB AND GUTTERS AND SIDEWALKS TO MEET EXISTING AT THE LIMITS OF THE PROJECT. THE COST OF ANY TRANSITION SHALL BE INCLUDED IN THE COST OF THE RELATED ITEM OF CONSTRUCTION.

THE CONTRACTOR SHALL NOTE THE PRESENCE OF THE LIGHT STANDARDS IDENTIFIED ON THE 'EXISTING CONDITIONS' PLAN. THE CONTRACTOR, AT HIS/HER OPTION, MAY REMOVE, STORE AND RE-ERECT LIGHT STANDARDS THAT ARE IN CONFLICT WITH HIS NORMAL OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE CITY OF NAPERVILLE, DEPARTMENT OF PUBLIC UTILITIES IN WRITING SEVEN (7) DAYS PRIOR TO REMOVAL FOR ANY REQUIREMENTS REGARDING REMOVAL, STORAGE AND RE-ERECTION. PRIOR TO REMOVAL OF ANY EQUIPMENT THE CONTRACTOR SHALL ARRANGE AN INVENTORY INSPECTION WITH THE ENGINEER. THIS OPTION AND ASSOCIATED REQUIREMENTS WILL NOT BE CAUSE FOR ADDITIONAL COMPENSATION. ANY DAMAGE TO THESE LIGHT STANDARDS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

ALL COMPENSATORY STORAGE SHALL BE OPERATIONAL PRIOR TO PLACEMENT OF FILL, STRUCTURES, OR OTHER MATERIALS IN THE REGULATORY FLOOD PLAIN. GRADING IN SPECIAL MANAGEMENT AREAS SHALL BE DONE IN SUCH A MANNER THAT THE EXISTING FLOOD PLAIN STORAGE IS MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS FROM THE SITE.

THE CITY OF NAPERVILLE AND THE NAPERVILLE PARK DISTRICT - SHALL BE NAMED AS ADDITIONAL INSURED ON ALL INSURANCE POLICIES, EXCEPT FOR WORKERS COMPENSATION.

THE CONTRACTOR SHALL MAINTAIN EXISTING STORM SEWER OUTFALLS TO THE RIVER. THE CONTRACTOR IS MADE AWARE THAT THERE IS EXISTING STORM SEWER OUTFALLS OF VARYING SIZE FROM 24-INCH TO 78-INCH DIAMETER PIPE. THE CONTRACTOR MUST PROVIDE ADEQUATE CAPACITY FOR THESE EXISTING PIPES THROUGH OR AROUND HIS CONSTRUCTION ACTIVITIES AT ALL TIMES. THE CONTRACTOR MUST SUBMIT HIS PROPOSED TEMPORARY DRAINAGE METHODS TO THE ENGINEER FOR APPROVAL PRIOR TO REMOVING OR OBSTRUCTING ANY EXISTING STORM SEWER OUTFALL. THIS WORK SHALL BE INCIDENTAL TO THE REPLACEMENT STORM SEWER COST.

THE CONTRACTOR SHALL NOTE THAT SHEETS 102-106 ARE DRAWN TO A DIFFERENT SCALE THAN THE REST OF THE PLAN SET.

ALL SIDEWALK RAMPS SHALL BE TYPE B RAMPS.

CANOEIST/KAYAKERS: THE CONTRACTOR SHALL INSTALL TWO ADVISORY SIGNS FOR THE CANOEISTS/KAYAKERS AS SHOWN IN THE DETOUR PLAN. ONE SIGN SHALL BE PLACED APPROXIMATELY 150 FT. UPSTREAM OF THE CENTERLINE OF JEFFERSON AVENUE BRIDGE AND THE OTHER SIGN SHALL BE INSTALLED APPROXIMATELY 200 FT. DOWNSTREAM OF THE CENTERLINE OF JEFFERSON AVENUE BRIDGE AS DIRECTED BY THE ENGINEER. THESE SIGNS WILL BE PROVIDED BY THE CITY OF NAPERVILLE. IN ADDITION TO THESE SIGNS, THE CONTRACTOR MAY BE REQUIRED TO INSTALL TRAIL BLAZER SIGNS AS DIRECTED BY THE ENGINEER FOR THE SAFETY OF PORTAGERS.

A PORTAGE PATH ROUTE SHALL BE AS FOLLOWS:
THE CANOEIST/KAYAKERS SHALL EXIT THE WEST BRANCH DUPAGE RIVER WATERCOURSE ONTO THE WEST BANK OF THE RIVER AND ONTO THE WILOWAY PARK PROPERTY TO PORTAGE THEIR WATERCRAFT AROUND THE WEST SIDE OF THE BRIDGE CONSTRUCTION AREA. THEY MUST THEN CROSS OVER JEFFERSON AVENUE AND PROCEED SOUTHWARDS INTO THE FIREMAN MEMORIAL PARK AND THEREFORE NECESSARILY INTO AND THROUGH THE CONSTRUCTION EASEMENT-WORK ZONE AREA OF THE PROJECT.

THE COST OF THE ABOVE WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR.

CONTRACTOR TO MAINTAIN THE EXISTING STORM SEWER FLOW DURING CONSTRUCTION OF THE BRIDGE AND ROADWAY WORK. THIS WORK TO BE DONE TO THE SATISFACTION OF THE ENGINEER AND THE COST OF THIS WORK SHALL BE INCIDENTAL TO STORM SEWER INSTALLATION.

THE EXISTING "RIVERWALK" IS LOCATED ON THE SOUTH SIDE OF JEFFERSON AVENUE APPROXIMATELY AT STA. 9+00, WHICH IS OWNED BY THE CITY OF NAPERVILLE.

THE PROPOSED RIVERWALK EXTENDS BEYOND THE PROPOSED RIGHT OF WAY LINE IN ORDER TO MAINTAIN A MAXIMUM 5% LONGITUDINAL SLOPE AS PER "ADA" REQUIREMENT, HOWEVER; IT IS STILL WITHIN THE PROPERTY OWNED BY THE CITY OF NAPERVILLE.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF APPLICABLE TEMPORARY TRAFFIC CONTROL DEVICES.

REVISIONS	
NAME	DATE
PER DEC & CLIENT	9/13/05
PER IDOT	11/1/05
PER NAPERVILLE	11/18/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

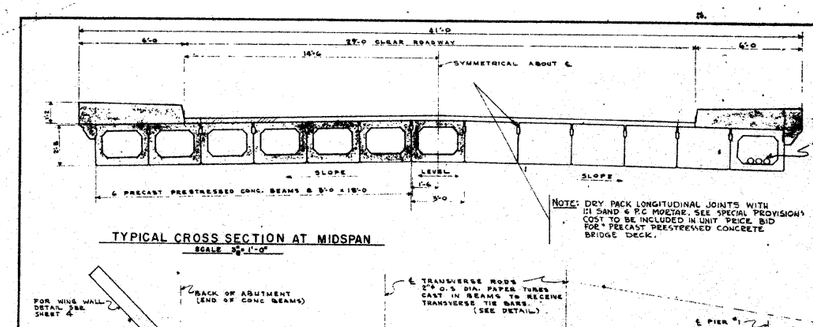
INDEX OF SHEETS, LIST OF STATE STANDARDS & GENERAL NOTES
JEFFERSON AVENUE OVER
WEST BRANCH DUPAGE RIVER

SCALE: NO SCALE DRAWN BY BCD
DATE APRIL 6, 2009 CHECKED BY HRT

W:\068-030 & 068-032 Jefferson Revisions 09\CADD Sheets\GenNotes.dgn
7/15/2009 11:02:02 AM

Sheet 107

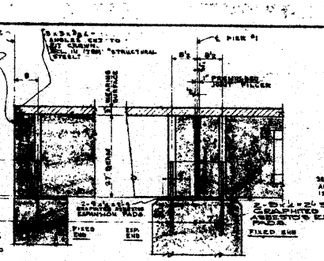
Contract 83827



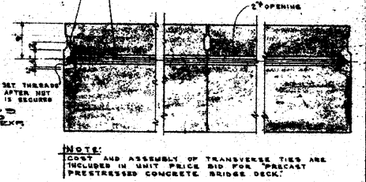
TYPICAL CROSS SECTION AT MIDSPAN
SCALE 3/8"=1'-0"

NOTE: DRY PACK LONGITUDINAL JOINTS WITH (1) SAND & P.C. MORTAR, SEE SPECIAL PROVISION. COST TO BE INCLUDED IN UNIT PRICE BID FOR "PRECAST PRESTRESSED CONCRETE BRIDGE DECK."

3-4½" O.D. TRANSITE DUCTS TO BE PROVIDED BY ILL. BELL TEL. CO. AT TIME OF MANUFACTURE OF BEAMS AND PLACED BY MANUFACTURER



NOTE:
1. (4) 1"x 5'-0" DWLS. - EACH HOLE, AFTER BEAMS ARE IN PLACE, DRILL NO. 65 IN CONC. CAPS AND GROUT DOWEL BARS INTO PIERS AND BEAMS.
2. FILL HOLES IN BEAMS WITH HOT POURED ASPHALT AT EXP. END. FILL HOLES IN OTHER END OF BEAM WITH GROUT.
3. COST OF FURNISHING AND GROUTING DOWEL BARS IS INCLUDED IN UNIT PRICE BID FOR "PRECAST PRESTRESSED CONCRETE BRIDGE DECK."

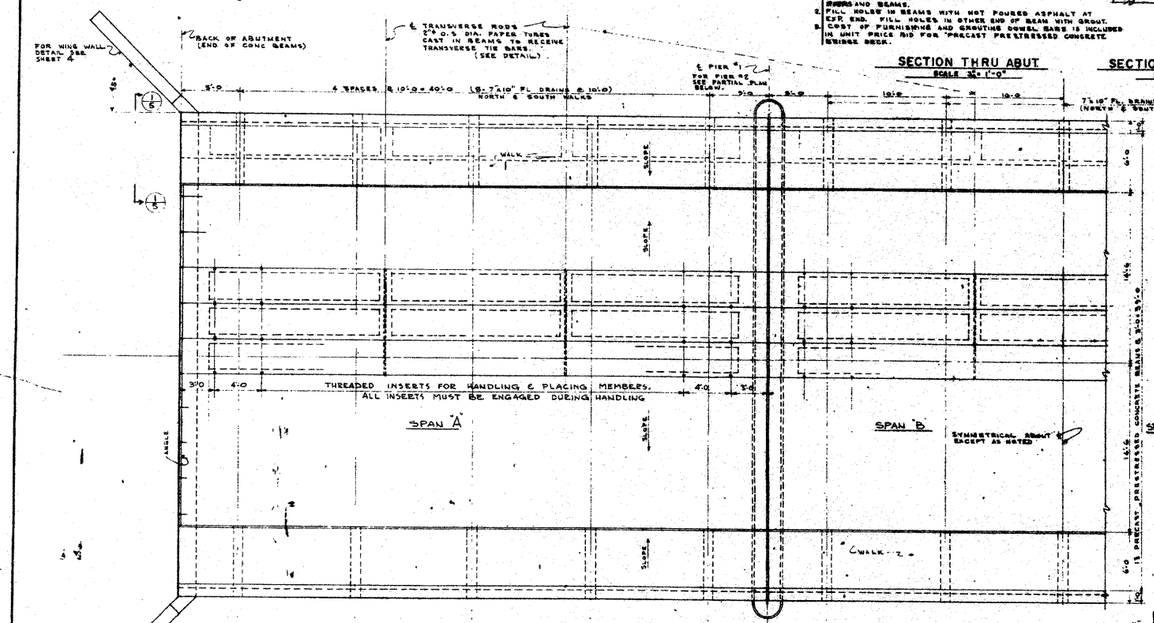


NOTE:
COST AND ASSEMBLY OF TRANSVERSE TIES ARE INCLUDED IN UNIT PRICE BID FOR "PRECAST PRESTRESSED CONCRETE BRIDGE DECK."

SECTION THRU ABUT
SCALE 3/8"=1'-0"

SECTION THRU PIER #1
SCALE 3/8"=1'-0"

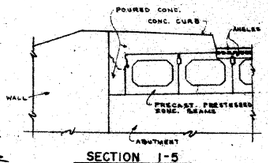
TYPICAL TRANSVERSE TIE ASSEMBLY
SCALE 1"=1'-0"



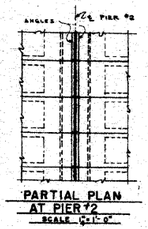
HALF PLAN
SCALE 3/16"=1'-0"

GENERAL NOTES

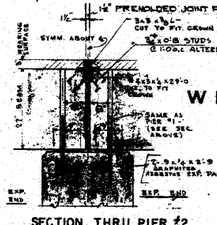
1. CLASS X CONCRETE SHALL BE USED IN ALL ABUTMENTS, PIERS, CURBS AND INCIDENTAL CONSTRUCTION.
2. FOR ITEM "PRECAST PRESTRESSED CONCRETE BRIDGE DECK" SEE SPECIAL PROVISIONS. WIRE MESH CURB REINFORCEMENT SHALL BE CAST INTEGRAL WITH THE PRECAST BEAM AND SHALL BE CONSIDERED INCIDENTAL WITH THE COST OF PRECAST PRESTRESSED CONCRETE BRIDGE DECK."
3. CURBS FOR BRIDE DECK SHALL NOT BE POURED UNTIL AFTER BEAMS ARE IN PLACE. CURBS SHALL BE PAID FOR PER CUBIC YARD UNDER ITEM CLASS X CONCRETE."



SECTION 1-5
SCALE 3/8"=1'-0"

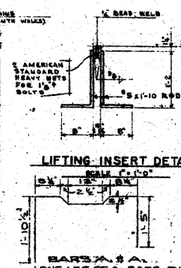


PARTIAL PLAN AT PIER #2
SCALE 3/16"=1'-0"



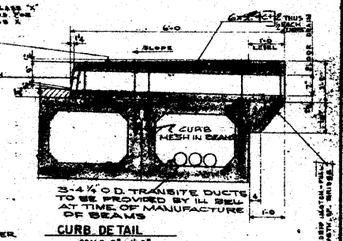
SECTION THRU PIER #2
SCALE 3/8"=1'-0"

LIFTING INSERT DETAIL
SCALE 1"=1'-0"



NOTE:
CURB MESH SHALL BE CLASS "X" CONCRETE AND PAID FOR UNDER ITEM "CLASS X CONCRETE."

TYPICAL SECTION THRU 27" BEAM
SCALE 1"=1'-0"



CURB DETAIL
SCALE 3/4"=1'-0"

PRESTRESS DESIGN
f'_c 5000 PSI; f_c 2000 PSI;
f_{ci} 4000 PSI; f_s 20,000 PSI;
PRETENSION STEEL f_s 248,000 PSI;
f_{si} 173,000 PSI

WIGHT AND COMPANY
CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

PROJECT NO. BE 100C BOOK NO. 868 CHECKED BY
DRAWN BY H.E. DATE 6-14-61 APPROVED BY
SHEET NO. 52 OF 210

REVISION	DRAWN BY	CHECKED BY	DATE

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TOP PLAN
WING WALL
EAST ABUTMENT

PLAN AT TOP OF ABUTMENT AND PILE CAP
SCALE 3/8" = 1'-0"

EAST ABUTMENT SHOWN
WEST ABUTMENT OPPOSITE HAND

DETAIL A

SECTION Z-4
EAST ABUTMENT
SCALE 3/8"=1'-0"

SECTION Z-4
WEST ABUTMENT
SCALE 3/8"=1'-0"

ABUTMENT ELEVATION
SCALE 3/8"=1'-0"

SECTION 3-4
SCALE 1"=1'-0"

DETAILS OF 10 BP 42
STEEL BEARING PILE

SECTION 1-4
EAST ABUT. WING WALL
SCALE 1/2"=1'-0"

SECTION THRU WEST ABUT. WING WALL
SCALE 1/2"=1'-0"

PILE CAPACITY 40 TONS
ESTIMATED LENGTH 11 FEET
NUMBER REQUIRED 42

WIGHT AND COMPANY
CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

PROJECT NO. BE700C
DRAWN BY. H.L.
BOOK NO. BE68
DATE 6-14-61
SHEET NO. 4 OF 10
CHECKED BY
APPROVED BY

REVISION	DRAWN BY	CHECKED BY	DATE

Howard Savill #2035

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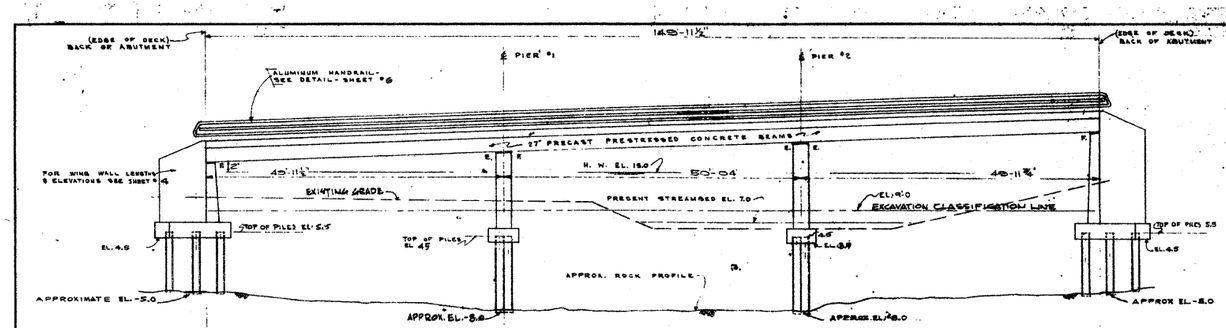
Contract
83827



ELEVATION AT ℄ OF BRIDGE
JEFFERSON AVENUE
SCALE 1/8"=1'-0"

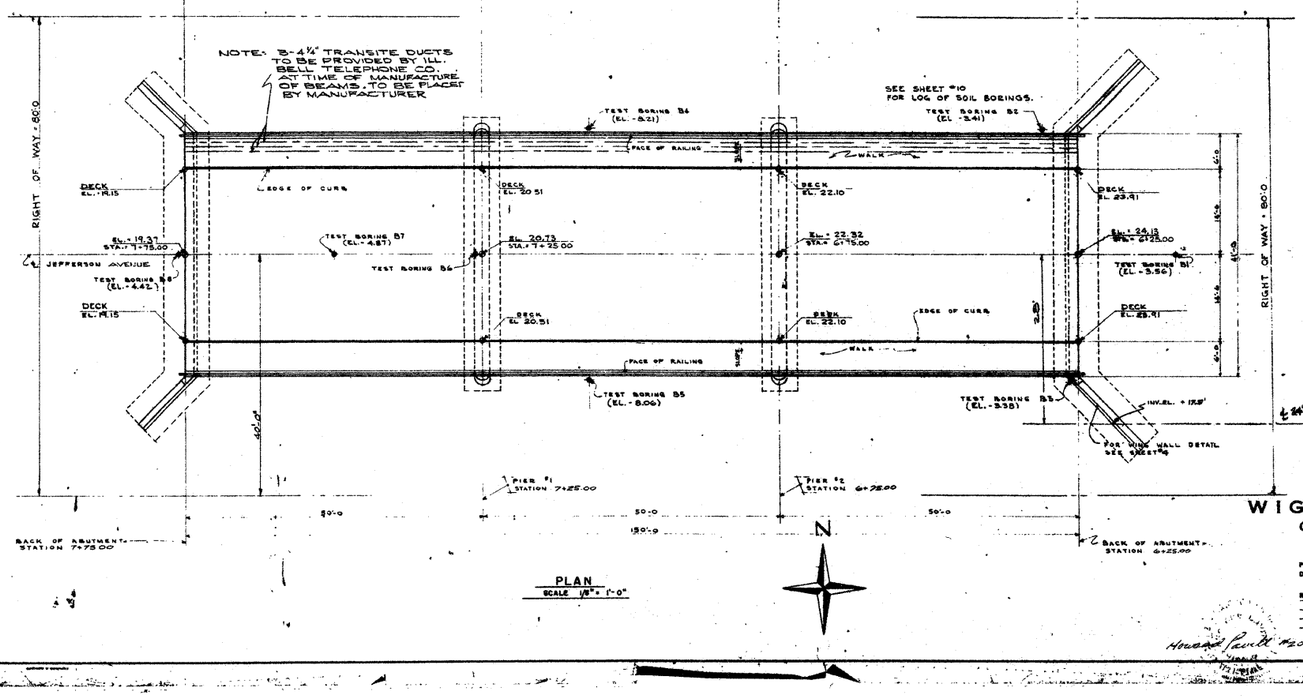
SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
CLASS A EXCAVATION FOR STRUCTURES	CU. YD.	190
CLASS B EXCAVATION FOR STRUCTURES	CU. YD.	327
CLASS X CONCRETE	CU. YD.	450
PRECAST PRESTRESSED CONCRETE BRIDGE DECK	SQ. FT.	5850
POROUS GRANULAR EMBANKMENT	CU. YD.	240
REINFORCEMENT BARS	LB.	34,686
STRUCTURAL STEEL	LB.	1688
FURNISHING STEEL PILES	LIN. FT.	820
DRIVING STEEL PILES	LIN. FT.	820
FURNISHING AND ERECTING ALUMINUM HANDRAIL	LIN. FT.	308
NAME PLATE	EACH	1

SEE SHEET #10 FOR ALL QUANTITIES

WATERWAY DATA

DRAINAGE AREA	74,000 SQ. FT.
REQUIRED OPENING (25YR)	675 SQ. FT.
PROPOSED OPENING	1000 SQ. FT.



PLAN
SCALE 1/8"= 1'-0"

DESIGN STRESSES

f'_c 3000 PSI SUPER.
f_c 1350 PSI SUPER.
f_c 1350 PSI SUB.
f_s 20000 PSI REIN. STEEL
LOADING H20-S16-44

SECTION MARK
SHEET NUMBER

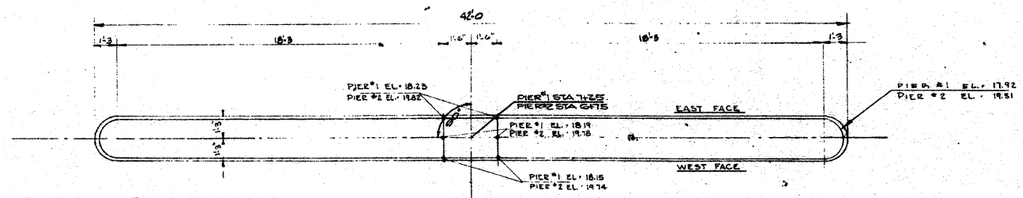
WIGHT AND COMPANY
CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

PROJECT NO. BE 700C BOOK NO. BE 05 CHECKED BY.
DRAWN BY HL DATE 6-14-61 APPROVED BY.
SHEET NO. 9 OF 10

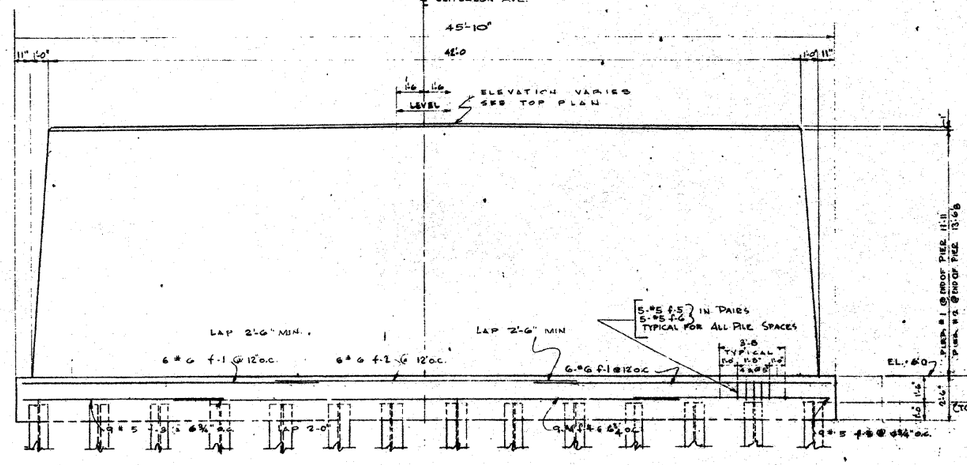
REVISION	DRAWN BY	CHECKED BY	DATE

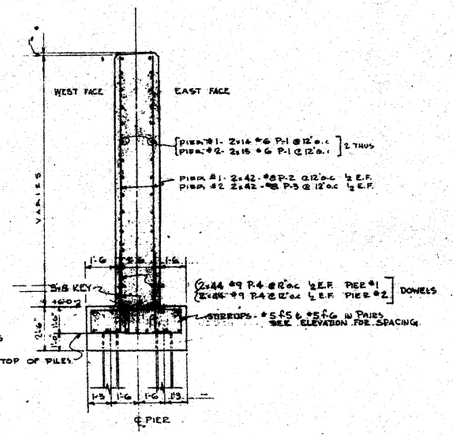
Howard Pavitt #2085

Sheet 110
Contract
8382

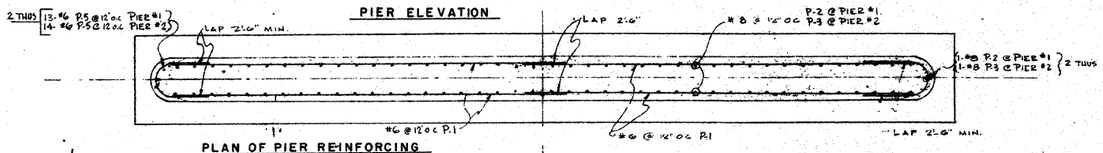


TOP PLAN OF PIER

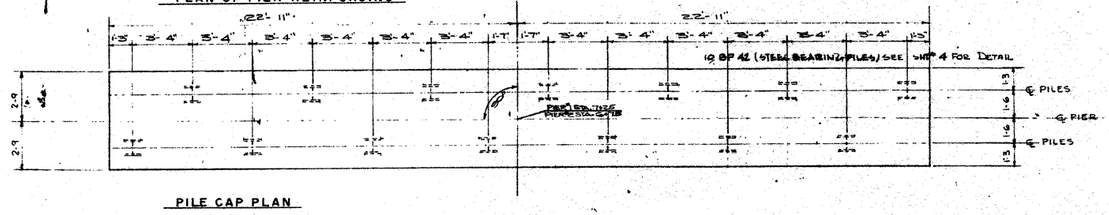




TYPICAL PIER SECTION



PLAN OF PIER REINFORCING



PILE CAP PLAN

ALL SCALES ¼"=1'-0"

PILE CAPACITY 40 TONS
ESTIMATED LENGTH 13 FEET
NUMBER REQUIRED 28

WIGHT AND COMPANY
CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

PROJECT NO BE 7006 BOOK NO BE 68 CHECKED BY
DRAWN BY H.L. DATE 10-61 APPROVED BY
SHEET NO 3 of 10

REVISION	DRAWN BY	CHECKED BY	DATE

Howard Hill #2435

Sheet 11
Contract
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150'-1 1/8" PARALLEL TO ROAD

50'-0 3/8" | 50'-0 3/8" | 50'-0 3/8"

7 PANELS @ 6'-10" = 47'-10" | 7 PANELS @ 6'-10" = 47'-10" | 7 PANELS @ 6'-10" = 47'-10"

1'-1 3/16" | 2'-0"

6'-10" TYPICAL

BRONZE NAME PLATE SEE DET
2 - 2½ x 5/16 ALUMINUM STRAPS
FASTEN TO RAILS WITH 5/8 BOLTS
EXTENDING THRU RAILS.
5/8" BRASS OR BRONZE BOLTS
WITH PLANED WASHERS.
SEE NAME PLATE DETAIL
SHEET NO. 10

℄ OF RAILPOSTS

TOP RAIL 4½" O.D. x 1/8" WALL

END CAPS

SEE END PANEL DETAIL THIS SHT.

NAME PLATE

RAILPOSTS

BOTTOM AND CENTER RAIL 4" O.D. x 3/16" WALL.

℄ OF PIER # 1

℄ OF PIER # 2

END OF BRIDGE DECK

50'-0" | 50'-0" | 150'-0"

HANDRAIL ELEVATION
SCALE 3/32"=1'-0"

150'-1 1/8" PARALLEL TO ROAD

50'-0 3/8" | 50'-0 3/8" | 50'-0 3/8"

7 PANELS @ 6'-10" = 47'-10" | 7 PANELS @ 6'-10" = 47'-10" (TYPICAL) | 7 PANELS @ 6'-10" = 47'-10"

OUTSIDE OF CURB

℄ OF RAILPOST BASE

4 9/16" OPENING FOR 4½" O.D. x 1/8" WALL RAIL MEMBER

ALUMINUM CAST RAIL POSTS

4 1/16" OPENING FOR 4" O.D. x 3/16" WALL RAIL MEMBERS

3/8" SET SCREW @ RECD AT EACH POST CHECK TREADS

1/8" PREMOLDED JOINT FILLER OR COTTON DUCK IMPREGNATED WITH RUBBER

NOTE:
APPLY ONE COAT OF ZINC CHROMATE PRIMER TO BOTTOM OF RAILPOSTS

SECTION 1-6
SCALE 3/4"=1'-0"

ANCHOR BOLT PLAN
SCALE 3/4"=1'-0"

℄ POST | 2'-0" | 9" | 6'-10" | ℄ POST

60° ELBOW

90° ELBOW

90° ELBOW

30°

NOTE:
WELD AND GRIND SMOOTH

4 - 5/8" ø x 1'-0" ANCHOR BOLTS WITH WASHER REQ'D AT EACH POST

PAINT IMBEDDED PORTION OF BOLT WITH ONE COAT OF ZINC CHROMATE PRIMER.

END RAIL DETAIL
SCALE 3/4"=1'-0"

GENERAL NOTES

1. ALL HORIZONTAL RAIL MEMBERS SHALL CONFORM TO A.S.T.M. SPECIFICATION B 235-54T ALLOY 6S11A CONDITION TG.
2. ALL RAILPOSTS SHALL CONFORM TO A.S.T.M. SPECIFICATION B 103-54T ALLOY SG 70A CONDITION TG.
3. ALL BOLTS NUTS AND SET SCREWS SHALL CONFORM TO A.S.T.M. SPECIFICATION B 211-54T ALLOY CS 42A, WITH HEXAGONAL HEADS AND NUTS.
4. HANDRAIL TO BE CONSTRUCTED IN ACCORDANCE WITH STATE OF ILLINOIS, DIVISION OF HIGHWAYS, STANDARDS.
5. UNLESS OTHERWISE NOTED, ALL SURFACES OF ALUMINUM IN CONTACT WITH DISSIMILAR METALS SHALL BE COATED WITH AN ALUMINUM CAULKING COMPOUND OR A SYNTHETIC RUBBER JACKET SHALL BE USED.
6. ANCHOR BOLTS SHALL BE SET WITH THE USE OF A TEMPLATE BEFORE THE CONCRETE CURB HAS BEEN POURED.

WIGHT AND COMPANY
CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

PROJECT NO BETOOC | BOOK NO. BC-9 | CHECKED BY
DRAWN BY H.L. | DATE 5-14-61 | APPROVED BY
SHEET NO 5 of 10

REVISION	DRAWN BY	CHECKED BY	DATE

Howard Pavill #2035

Sheet 112
Contract
83827

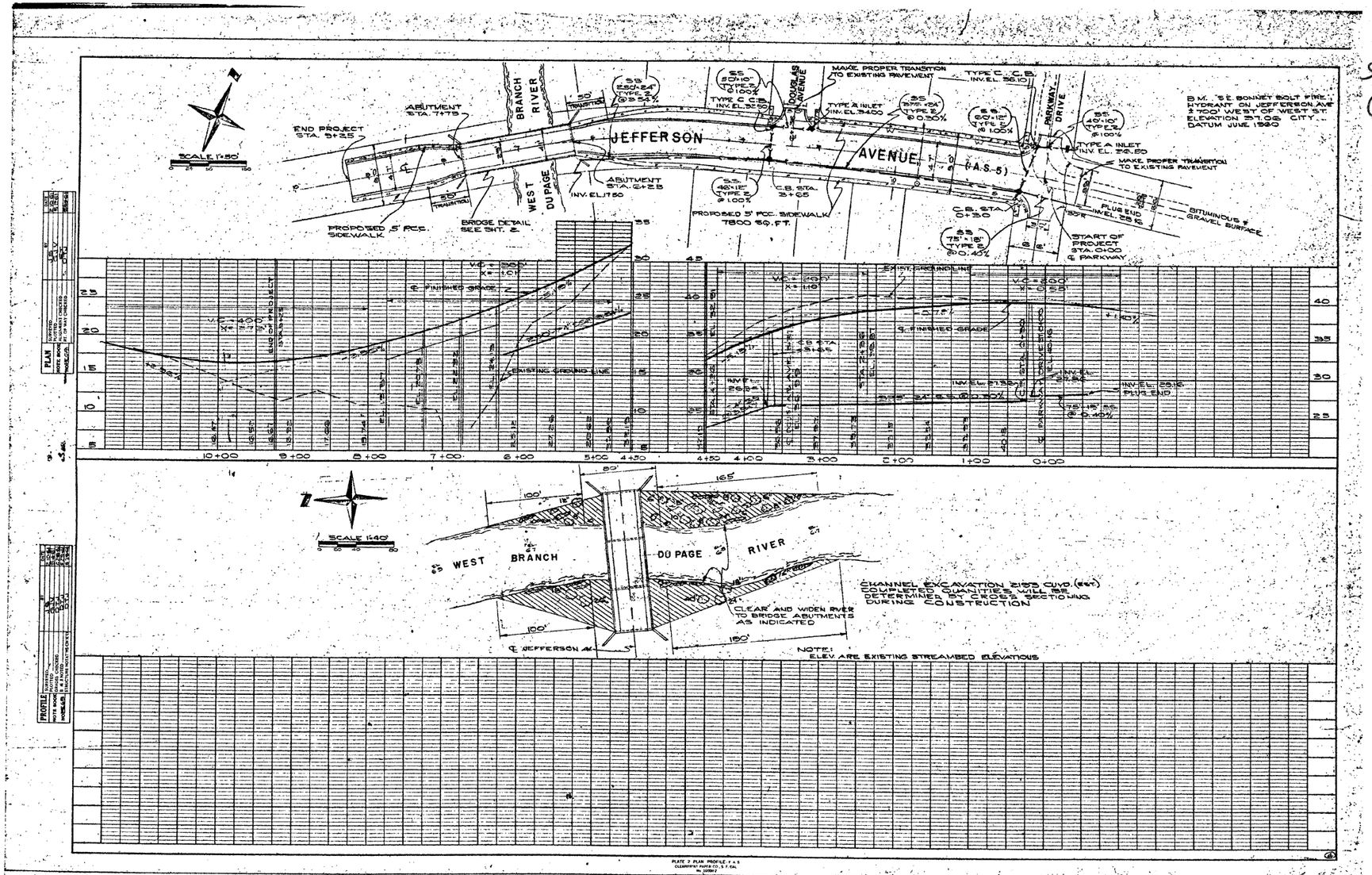


PLATE 2 PLAN PROFILE F.A.S. CLEARWAY PLATE CO. S.T. CAL. No. 10150-2

CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

WIGHT AND COMPANY

REVISION	DATE	DRAWN BY	CHECKED BY

DATE 5-14-61 DRAWN BY G.JV
SHEET NO. 8 of 10 PROJ. NO. [illegible]

REINFORCING BAR SCHEDULE

MARK	NO. REQ'D	REINFORCING SIZE	REINFORCING LENGTH	ALL DIMENSIONS ARE OUT TO OUT A	B	C	D	E	F	G	O	TYPE	SKETCH
			PIERS										
P1	116	#6	22'-0"					ST.					
P2	84	#8	11'-10"					ST.					
P3	84	#8	13'-2"					ST.					
P4	176	#9	5'-6"	1'-0"	4'-2"							D-1	
P5	60	#6	10'-7½"	3'-6"	3'-7"	3'-6"					23"	T-2	
			FOOTINGS										
F1	24	#6	19'-3"					ST.					
F2	12	#6	17'-3"					ST.					
F3	36	#5	15'-6"					ST.					
F4	18	#4	28'-0"					ST.					
F5	130	#5	9'-7"	3'	3'2½"	1'-4"	3'2½"	T-F	0'-3			T-1	
F6	130	#5	T 2	3'-0"	2'-0"	1'-4"	2'-0"	T-F	0'-3			T-1	
			CURB										
C1	108	#4	27'-0"					ST.					

MARK	NO. REQ'D	REINFORCING SIZE	REINFORCING LENGTH	ALL DIMENSIONS ARE OUT TO OUT L	A	B	C	D	E	F	G	H	K	TYPE	SKETCH
			EAST ABUTMENT												
F7	44	#6	7'-0"						ST.						
F8	44	#8	7'-0"						ST.						
F9	16	#5	22'-9"						ST.						
F10	8	#5	25'-6"						ST.						
F11	8	#5	21'-0"						ST.						
F12	16	#5	8'-0"						ST.						
F13	54	#4	11'-4"	3'-04"	1'-4"	4'-0"	1'-4"							T-1	
F15	32	#5	16'-10"						ST.						
A1	62	#6	4'-6"	1'-0"	3'-6"									D-1	
A2	62	#9	6'-6"	1'-0"	5'-6"									D-1	
A3	42	#7	14'-2"						ST.						
A4	42	#6	11'-11"						ST.						
A5	36	#4	28'-6"												
A6	50	#6	25'-9"	3'-02½"								2'3½"	2'6"	W-1	
A7	8	#5	3'-0"						ST.						
A8	4	#5	2'-0"						ST.						
A9	4	#5	4'-0"						ST.						
A10	4	#5	6'-0"						ST.						
A11	4	#5	12'-0"						ST.						
A12	40	#6	14'-0"						ST.						
A13	10	#6	17'-2"						ST.						
A14	6	#6	17'-0"						ST.						
A15	6	#6	16'-7"						ST.						
A16	4	#6	16'-2"						ST.						
A17	4	#6	15'-9"						ST.						
A18	4	#6	15'-4"						ST.						
A19	4	#6	14'-11"						ST.						
A20	4	#6	14'-6"						ST.						
A21	4	#6	14'-1"						ST.						
A22	4	#6	13'-8"						ST.						
A23	4	#6	13'-3"						ST.						
A24	4	#6	12'-9"						ST.						
ANE	8	#6	11'-0"						ST.						
			WEST ABUTMENT												
F16	44	#6	6'-9"						ST.						
F17	44	#7	6'-9"						ST.						
F18	54	#4	11'-2"	3'-01.4	4'-0"	1'-4"								T-1	
F9	16	#5	22'-9"						ST.						
F10	8	#5	25'-6"						ST.						
F11	8	#5	21'-0"						ST.						
F14	32	#5	13'-10"						ST.						
A1	68	#6	4'-6"	1'-0"	3'-6"									D-1	
A25	44	#8	6'-6"	1'-0"	5'-6"									D-1	
A6	20	#6	25'-9"	3'-02½"								2'3½"	2'6"	W-1	
A26	84	#6	9'-6"						ST.						
A2	24	#9	6'-6"	1'-0"	5'-6"									D-1	
A8	4	#6	2'-0"						ST.						
A9	4	#5	4'-0"						ST.						
A28	4	#5	7'-0"						ST.						
A27	4	#5	15'-6"	4'-0"	11'-6"							2'-9½"	2'-9"	W1	
A29	24	#8	17'-3"	4'-0"	13'-3"							2'-9½"	2'-9"	W1	
A30	8	#6	17'-10"						ST.						
A31	4	#6	12'-4"						ST.						
A32	4	#6	11'-10"						ST.						
A33	4	#6	11'-4"						ST.						
A34	4	#6	10'-10"						ST.						
A35	4	#6	10'-4"						ST.						
A36	4	#6	9'-10"						ST.						
A37	4	#6	9'-4"						ST.						
A38	4	#6	8'-10"						ST.						
A39	4	#6	8'-4"						ST.						
A40	4	#6	7'-10"						ST.						
A41	4	#6	6'-11"						ST.						
A5	20	#4	23'-6"						ST.						

THE FOLLOWING BARS OCCUR IN BOTH ABUTS. TOTALS ARE LISTED- SEE EACH ABT. WING DRAWING FOR AMOUNTS IN EACH.

F19	120	#5	11'3"	0'-4	3'-11	1'-4	3'-11	1'-4	0'-4					T1

MARK	NO. REQ'D	REINFORCING SIZE	REINFORCING LENGTH	ALL DIMENSIONS ARE OUT TO OUT A	B	C	D	E	F	G	TYPE	SKETCH

TYPE T1 TYPE T2 TYPE D1 TYPE D2

TYPE T3

WIGHT AND COMPANY
CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

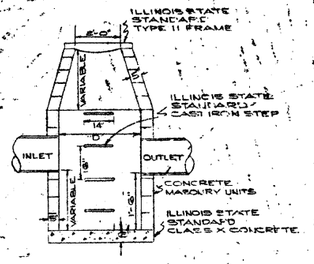
PROJECT NO. BE100C BOOK NO. BE98 CHECKED BY
DRAWN BY HL DATE 9-14-81 APPROVED BY
SHEET NO. 10 OF 10

REVISION	DRAWN BY	CHECKED BY	DATE

Howard L. Davis #2035

Sheet 113
Contract
83827

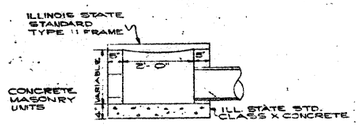
Sheet 114
Contract
83827



TYPICAL CATCH BASIN DETAIL

NO SCALE

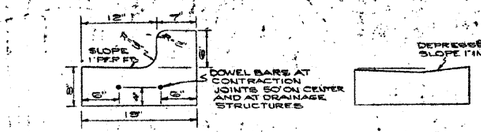
D=48" FOR 10"-24" STORM SEWER
D=60" FOR 27" OR LARGER



TYPE A

TYPICAL INLET DETAIL

NO SCALE

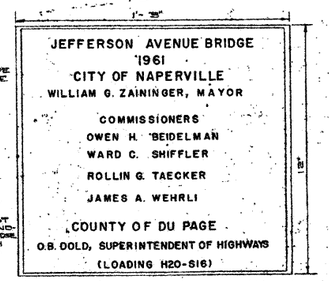


CURB & GUTTER CONSTRUCTION IN ACCORDANCE WITH SEC. 150 ILLINOIS STATE STANDARD SPECIFICATIONS

I TYPE B6.12 MODIFIED

CURB & GUTTER DETAIL

NO SCALE

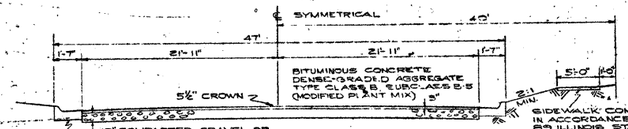


TO BE MADE OF BRONZE

NAME PLATE TO BE PLACED ON NORTHEAST SIDE OF BRIDGE ON HAND-RAIL FACING E. OF ENTRANCE IN ACCORDANCE WITH ILL. STATE STD. 2113

BRIDGE NAME PLATE

ILL. STD. 2113 (MODIFIED)



SIDEWALK CONSTRUCTION IN ACCORDANCE WITH SEC. 593 ILLINOIS STATE STANDARD SPECIFICATIONS

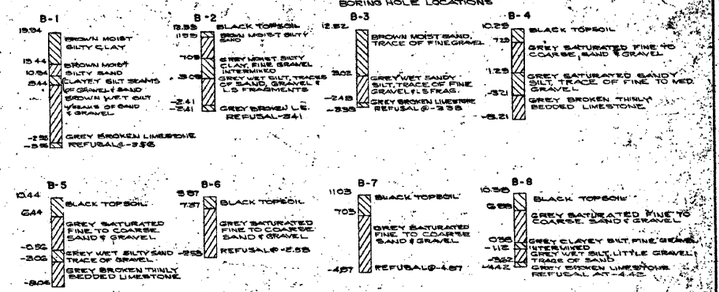
NOTE: PLACE ½ BITUMINOUS PRE-MOLDED JOINT FILLER AT CURB & DRIVEWAY TRANSITIONS INCIDENTAL TO SIDEWALK CONSTRUCTION

PICAS STREET SECTION

NO SCALE

BORING TEST HOLES

SEE SHEET NO. 2 FOR BORING HOLE LOCATIONS



GENERAL NOTES

1. IMPROVEMENT ADJUSTMENTS AS DIRECTED BY ENGINEER.
2. ELEVATION 100.00 CITY OF NAPERVILLE CITY DATUM = 755.64 USGS JUNE, 1960
3. DEPRESSED CURBING TO BE PLACED AS INDICATED BY FIELD ENGINEER TO PROVIDE ACCESS TO EXISTING LOTS.

LEGEND

- PROPOSED PAVEMENT
- PROPOSED CURB LINE
- PROPOSED INLET
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER
- EXISTING PAVEMENT LINE
- TREE
- TREE STUMP
- EXISTING MANHOLE
- EXISTING SANITARY SEWER
- EXISTING WATER MAIN

1920	Cu.Yd.	Earth Excavation	2195	Cu.Yd.	Channel Excavation
2000	Cu.Yd.	Borrow Excavation	1	Each	Name Plate
2338	Ton	Gravel or Crushed Stone Base Course Type B	190	Cu.Yd.	Class A Excavation for Structures
1778	Gal.	Bituminous Materials Prime Coat	327	Cu.Yd.	Class B Excavation for Structures
829	Ton	Cover Coat Mixture Complete (Bituminous Concrete Dense Graded Aggregate Type B, Sub-Class B-5)	430	Cu.Yd.	Class X Concrete
			5850	Sq.Ft.	Precast Prestressed Concrete Bridge Deck
87	Cu.Yd.	Trench Backfill B.C.12.	240	Cu.Yd.	Porous Granular Embankment
1555	Lin.Ft.	P.C.C. Combination Curb & Gutter Type , Modified	34686	Lb.	Reinforcement Bars
7800	Sq.Ft.	P.C.C. Sidewalk - 4"	1689	Lb.	Structural Steel
90	Lin.Ft.	Storm Sewer Type 2 - 10"	826	Lin.Ft.	Furnishing Steel Piles
106	Lin.Ft.	Storm Sewer Type 2 - 12"	824	Lin.Ft.	Driving Steel Piles
75	Lin.Ft.	Storm Sewer Type 2 - 18"	303	Lin.Ft.	Furnishing & Erecting Aluminum Handrail
585	Lin.Ft.	Storm Sewer Type 2 - 24"	150	Cu. Yd.	Topsoil
2	Each	Inlet, Type A with Type 11 Frame	1	Acre	Temporary Seeding
2	Each	Catch Basin Type C with Type 11 Frame	110	In.Dia.	Tree Removal, 6"-15" Dia. Special
2	Each	Catch Basin Type A with Type 11 Frame	150	In.Dia.	Tree Removal, over 15" Dia. Special

WIGHT AND COMPANY
CONSULTING ENGINEERS
BARRINGTON, ILLINOIS

PROJECT NO. BE700C
DRAWN BY GJV
BOOK NO. BE35
DATE 6-14-61
CHECKED BY DTJ
APPROVED BY GJV
SHEET NO. 10 OF 10

REVISION	DRAWN BY	CHECKED BY	DATE