

KENTUCKY DEPARTMENT OF HIGHWAYS

JEFFERSON COUNTY

LOUISVILLE - LEXINGTON

I 64 OVER K&ITRR AND 27TH STREET

1-49 Design Plans
50-218 Shop Plans

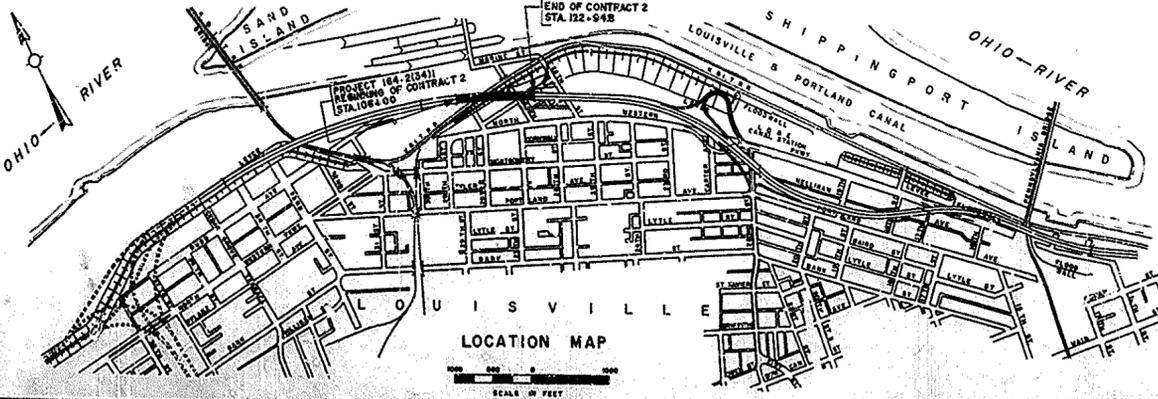
HAZLET & ERDAL
 CONSULTING ENGINEERS
 FILE NO. 987-B
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____
 SCALE: _____

ESTIMATED QUANTITIES																	
SHEET DESIGNATION	SHEET NUMBER	CONCRETE CLASS "A" (CU. YDS.)	STEEL REINFORCEMENT (LBS.)	STRUCTURAL STEEL (LUMP SUM)	HIGH STRENGTH HANDRAIL (LIN. FT.)	SHEAR CONNECTORS (LUMP SUM)	STYRENE BUTADIENE PROTECTIVE COATING (GALLONS)	6" DRAIN PIPE (LIN. FT.)	STRUCTURE EXCAVATION COMMON (CU. YDS.)	END BENT BACKFILL (CU. YDS.)	12 BP 53 STEEL PILES		ALTERNATE "D" PREBORING FOR STEEL PILES (LIN. FT.)	ALTERNATE "E" UNCLASSIFIED STRUCTURE EXCAVATION (CU. YDS.)	CONCRETE CLASS "A" (CU. YD.)	4" CONCRETE SLOPE WALL (SQ. YDS.)	
											FURNISHING (LIN. FT.)	DRIVING (LIN. FT.)					
TITLE SHEET	1																
GENERAL NOTES	2,3																
LAYOUT SHEETS	4,5																
LOG OF SOUNDINGS	6																
CONTROL LAYOUT	7																
BENT 1	8,9	119.7	12,365		32.0		5		404	210	1560	1560	820	1900	573		
PIER 1	10	139.8	24,513				8		80		1060	1060	350	1400			
PIER 2	11	74.0	9,126				1		85		704	704					
PIER 3	12	78.0	14,874				1		87		540	540					
PIER 4	13	74.0	14,087				1		87		925	925					
PIER 5	14	140.3	20,574				8		90		310	910					
PIER 6	15	162.2	42,232				8		107		1060	1060					
PIER 7	16	161.6	47,545				8		80		612	612					
PIER 8	17	166.1	24,563				8		90		540	540					
PIER 9	18	161.6	32,239				8		107		1008	1008					
PIER 10	19	156.0	30,264				8		107		972	972					
PIER 11	20	134.5	20,007				8		90		600	600					
BENT 2	21,22	119.7	12,370		32.0		5		403	210	1074	1074			56.9	440	
STRUCTURAL STEEL	23-34			LUMP SUM													
MEDIAN GUARDRAIL	35	THIS SHEET DELETED FROM PLANS															
DRAINAGE & DRAIN DETAILS	36,37																
SUPERSTRUCTURE	38-43		800,000		20340												
CONSTRUCTION ELEVATIONS	44-48						92								2955.7		
PILE RECORD	49,50																
TOTALS		1687.5	1,105,288	LUMP SUM	2098		LUMP SUM	169	558	1815	420	11,965	11,965	1170	3300	3069.9	440

BILL OF INCIDENTAL MATERIAL			
ITEM	AMOUNT	DESCRIPTION	LOCATION
Preformed Joint Seal	1	2" x 2-1/16" x 95'-0"	Bent 1
Premolded Cork Expansion Joint Material	2	1-1/4" x 7" x 45'-9"	Bent 1
	1	1-1/4" x 10" x 5'-0"	
4-Bolt Insert Assembly	2	See "Guardrail Connectors to Bridge Wings" (Road Plans)	Wingwalls
Joint Sealing Compound	4	1" x 3-1/2" x 47'-2"	Superstructure Exp. Jt. at Piers 2, 5, 8 & Bent 2
	4	1" x 3-1/2" x 47'-1"	

NOTE: The Bill of incidental Material is approximate only and the Contractor is responsible for furnishing enough material to complete the work according to the plans and specifications.

- REFERENCES
- AE1-B9AE2-Armored Edge for Joints in Concrete
 - AWS 2A Modifications and Additions to 1966 AWS Specifications for Welded Highway and Railroad Bridges.
 - G353F Preformed Joint Seal Details for Concrete Bridge Floors
 - G354c Premolded Cork Expansion Joint Material Details for Concrete Bridge Floors.
 - H117C High-Strength Aluminum Handrail
 - H150B High-Strength Concrete Handrail
 - P212A 12" Structural Steel Bearing Pile at 53 Lbs.
 - SP1 Concrete Slope walls for Grade Separation Bridges.
 - SF2c Details for Placing End Bent Backfill and Earth Core (Standard Drawings listed above are the current editions and are to be used with these plans.)



NOTE:

For General Notes see Sheet No. 2

① STRUCTURAL STEEL: Approximately 2,055,100 Lbs. included in lump sum for bid for Structural Steel.

② SHEAR CONNECTORS: Approximate weights included in lump sum bid for this item:

- Option 1 - 5/8" x 4" Diameter Spirals 20,680 Lbs.
- Option 2 - 3/4" x 4" Studs 18,800 Lbs.
- Option 3 - 4" Channel at 5.4 lbs. 27,050 Lbs.

③ Includes approximately 330 lin. ft of drilling through earth fill.

SPECIAL PROVISIONS

- № 77 For Styrene-Butadiene Protective Coating.
- № 12 For Joint Sealing Compound.
- № 30-A For Membrane Curing of Concrete Structures
- № 35 For Class "AA" Concrete
- № 37 For Preformed Compression Joint Seals.
- № 36-A Set-Retarding Admixtures for Concrete.

SPECIAL NOTES

- Reinforced Concrete Bridge Floors (for Riverside Parkway)
- Excavation for Foundations in Flood Levee (for Riverside Parkway)
- Placing 12 BP 53 Piles through Boulder Fill (for Riverside Parkway)

④ Either Alternate "D" or Alternate "E" will be required for this contract. This item was estimated for sub-structure units shown but may be required for other units See Special Notes.

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 1 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE-LEXINGTON
 ROAD

S.P. 66-273 (IL)
 PROJECT NO. 164-2(34)

STATION 12+82	DRAWING NO.	BOOK
BRIDGE NUMBER	13539	

TITLE SHEET

SPECIFICATIONS: Kentucky Department of Highways Standard Specifications, current edition with Special Provisions and Special Notes shall apply to this Project.

DESIGN LOAD: Bridge designed for HS20-44 loading as specified in 1981 AASHTO Specifications, including Interim Specifications for 1981, 1982, 1983 and 1984, or alternate loading of two 24 kip axles spaced 4 feet apart, whichever produces the greater stress. Dead load includes 20 pounds per square foot of roadway surface allowance for future wearing surface.

DESIGN STRESSES: For reinforced concrete
 $f_s = 20,000$ psi. $u = 200$ psi. for embedment
 $f'_c = 3,000$ psi. $u = 300$ psi. for Σ_c
 $f_c = 1,200$ psi. $n = 10$
 For structural steel:
 $f_s = 20,000$ psi. for A36 steel

FOUNDATION PILE LOADS: Piles are designed for a maximum load of 70 tons per pile. This maximum is for Group 1 loads with increases allowed for other loading groups in accordance with AASHTO Article 1.4.1. Considering Dead Load plus Earth Overturning for End Bent design, the maximum design axial thrust is 49 tons per pile and the maximum design horizontal shear is 9.9 ton per pile exclusive of the horizontal component due to axial thrust.

TYPE OF PILE: The Contractor shall use 12" Structural Steel Bearing Pile at 53 pounds. Standard Drawing P212A, current edition.

PILING: Piling shall be driven to refusal or to solid rock. Test piles shall be driven where designated on the plans to determine the length required. All test piles shall be accurately located so that they may be used in the finished structure.

DRIVING PILES: See Special Notes, "Placing Piles through Boulder Fill" for driving piles in areas of boulder and rock fill.

COORDINATION WITH CONTRACTORS ON ADJACENT PROJECTS: In addition to the requirements of Article 1.5.6 of the Standard Specifications, this Contractor shall coordinate his work with that of Contractors on adjacent sections of this Project.

CONTROL OF THE WORK: In addition to the requirements of Article 1.5.9 of the Standard Specifications, subsequent to the Engineer's staking the reference lines, centerlines or base lines for the various roadway elements of this Project, the Contractor shall stake out and verify the locations of each substructure unit for agreement with the positions shown in the Plans. Prior to fabrication of the structural steel, the Contractor shall again verify the locations of each substructure unit and the dimensions between centerlines of piers and between centerlines of columns to insure correct fit of the steelwork. In the event a discrepancy is found in any dimension, the Engineer shall be notified at once and no further work will be permitted until the discrepancy is corrected.

PLACING FILLS AT END BENTS: See Standard Drawing SF2, current edition.

SLOPE PROTECTION: Slope Protection at End Bent 2 shall be four-inch concrete slope wall in accordance with Standard Drawing SP-1. Slope Protection at End Bent 1 shall be Dry Cyclopean Riprap in accordance with Article 501.3.5 of the Specifications. Dry Cyclopean Riprap is not a part of this contract.

OPTIONAL TYPES OF HIGH-STRENGTH HANDRAIL: The Contractor shall provide throughout the Project, at his option, either High-Strength Aluminum Handrail in accordance with Standard Drawing H117, or High-Strength Concrete Handrail in accordance with Standard Drawing H150, both current edition.

CONCRETE: Class 'AA' Concrete is to be used throughout for superstructure and for portions of end bent backwall and wingwalls above bridge seat elevation.

Class 'A' Concrete is to be used in all other parts of the substructure.

Class 'D' Concrete is to be used in Altercaste Concrete Handrail when proposed.

CIRCULAR SECTION REINFORCED CONCRETE COLUMNS: This Note modifies the requirements of Article 404.3.1 and 403.3.8 for pier columns of grade separation structures. The concrete shall be placed, finished and cured as specified in Article 404.3.1 except as required by the following:

(a) All forms for the circular section columns shall be made of metal or shall be plastic or plastic-lined so as to give the surface a true, smooth, cylindrical shape free from fins, joints, and irregularities.

(b) The concrete shall be placed in, and carefully vibrated against the forms to assure smooth surfaces without voids, honeycomb, air pockets or irregularities in the surface.

(c) A rubbed surface finish will not be required for the columns as specified in Article 403.3.8-C. Instead, the surface shall be finished as specified in Article 403.3.8-

No extra payment will be made to the Contractor for the use of metal, plastic or plastic-lined forms, nor for placing or finishing the concrete. The cost of furnishing the forms, placing the concrete and finishing as specified shall be included in the unit price bid for Class 'A' Concrete.

CONCRETE FINISH: Exposed surfaces of substructure and superstructure shall be given a rubbed surface finish in accordance with Article 403.3.8-C of the Specifications, except as noted above for concrete columns. Should it be necessary to grind the railing in order to secure a straight line, and the grinding exposes the coarse aggregate in any section, then that section will not be acceptable and shall be removed and replaced. When forms are not held to true lines and grades within the limits set out in PERMISSIBLE VARIATIONS, or if the handrail does not meet the minimum requirements of workmanship, the sections involved shall be removed and replaced.

SLAB FORMS: Stay-in-Place forms will not be permitted for the concrete bridge floors.

BEVELED EDGES: All exposed edges shall be beveled 7/8" unless otherwise shown.

PERMISSIBLE VARIATIONS: The lines of the finished concrete, except bridge floors, shall not vary more than 1/4 inch in ten feet as measured from a straightedge, or vary from plan lines more than 0.1 percent of the distance between the extremities of the unit considered.

Any variations in excess of those permitted above will be, at the discretion of the Engineer, cause either for rejection and removal of the work as set out in Article 1.5.12 of the Specifications, or for a deduction from the monies due or which may become due the Contractor in an amount calculated by multiplying the volume of concrete in the portion of the structure in which such variation occurs by the unit bid price for concrete.

REINFORCEMENT: Dimensions shown from face of concrete to bars are to center of bars unless noted as clear distance. Spacing of bars is from center to center of bars. Bars #8 to #11 to be bent around pin of 8 bar diameters for all hooks.

SPIRAL REINFORCEMENT: Splices for spirals where desired by the Contractor shall be made with a minimum of one and one-half turns of spiral. No additional payment will be made for these splices, but the cost will be considered incidental to the cost of the developed length of spiral shown on the Plans. Spiral reinforcement shall meet the requirements of Section 641.5.0 of the Standard Specifications. One half inch round plain bar may be substituted for No. 4 size bar.

EXPANSION JOINT MATERIAL, SEALS, SEALING COMPOUND: The cost of these items is to be included in the unit price bid for Class 'AA' Concrete.

SET RETARDING ADMIXTURE FOR CONCRETE: An approved admixture shall be added to the concrete for the bridge floor slabs to delay the initial set of the concrete so as to permit the placement and finishing of concrete in all spans of a continuous unit in a single continuous operation. The admixture and its use shall conform to the Special Provisions. The amount of delay shall be dependent on the quantity of admixture and the quantity used shall be carefully determined on the basis of temperature, relative humidity, wind conditions and required placing time. The retarding action shall delay the initial set in each span until after the next adjacent span in the same continuous unit has been placed. The Contractor shall secure the Engineer's approval of the quantities of admixture to be used for each placement.

STRUCTURAL STEEL: See Sheet No. 3 for "Structural Steel Notes".

SHEAR CONNECTORS: The Contractor shall use one of the following optional types throughout the project where indicated in the Plans:

- Option 1 - 5/8" x 4" diameter spirals.
- Option 2 - 3/4" x 4" studs.
- Option 3 - 4" channel @ 5.4 lbs./ft.

Spiral bar shear connectors shall be structural grade billet steel, ASTM A15. Stud shear connectors shall be headed studs of weldable steel with a yield point of 50,000 psi. and ultimate tensile strength of 60,000 psi. minimum as determined by applicable sections of ASTM Designation A370. Tensile tests of finished studs shall be made on studs welded to test plates using test fixtures that grip the stud head and plate without torsion. If the fracture occurs outside the middle half of the gage length, the test shall be repeated. Channel shear connectors shall be structural steel conforming with ASTM A36.

Shear connectors shall be shop or field welded to the tops of the steel girders as shown. Detail drawings for the shear connectors will be required as specified for "Structural Steel". Spirals and channels shall be electric arc welded. Stud shear connectors shall be welded automatically with approved equipment made for that purpose. All weld slag and all porcelain ferrules shall be removed in the shop before shipping, but if shear connectors are field welded, the slag and ferrules shall be removed before placing concrete.

Shear connectors and welds shall be tested by bending selected connectors toward the center of the span at an angle of 30 degrees to vertical. Cracks in the weld or connector after bending shall indicate failure and will require replacement of the defective connector and testing of additional connectors on the same beam. Connectors accepted after testing shall remain in the bent position. Before placing concrete, all surfaces (tops of beams, diaphragms and shear connectors) are to be thoroughly cleaned of all rust, grease and foreign matter.

Lump Sum Bid for "Shear Connectors" shall be full payment for all shear connectors, welding and welding materials, equipment, tools, labor, detail drawings, patent royalties, and materials and incidentals necessary to place shear connectors on the girders in accordance with the Plans.

PROHIBITED FIELD WELDING: Except as shown on the Plans, no welding of any nature shall be performed on the load carrying members of the bridge without the written consent of the Director, Division of Bridges, or his authorized representative, and then only in the manner and at the locations designated in the authorization.

CONTINUOUS STEEL GIRDERS: The longitudinal steel girders for Spans 3, 4 and 5 are designed as simple spans between the pier girders for steel dead load, as continuous steel girders under weight of the concrete slab, and as continuous girders composite in positive moment for live load and the weights of curbs, plinth, railing, future wearing surface, etc. The longitudinal steel girders for all other spans are designed as continuous steel girders under their own weight, and the weight of the concrete slab, and as continuous girders composite in positive moment for live load and the weights of curbs, plinth, railing, future wearing surface, etc. Temporary supports or shoring will not be permitted under the steel girders when taking "top of steel" elevations or when placing the concrete floor slab.

Girders which do not conform to plan camber and grade in the erected position shall be considered as requiring either an adjustment in depth of concrete haunch over the steel supporting members, at no additional cost to the State, or a reworking of the girder camber to meet the plan grade and slab thickness at no additional cost to the State.

WIND LOADS: This structure is designed using wind loads based on a wind velocity of 84 miles per hour.

CONSTRUCTION IDENTIFICATION: The names of the prime contractor and the sub-contractor shall be imprinted in the concrete with one inch letters at a location designated by the Engineer. The contractor shall furnish all plans, equipment, and labor necessary to do the work, for which no direct payment will be made.

DRAIN PIPE: This Note is in addition to the requirements of the Standard Specifications for pipe material. The drain pipe for the bridge floor drainage shall be one of the following types:

(a) Wrought Iron Pipe shall be standard weight, black pipe in accordance with the current edition of ASTM A72.

(b) Continuous Weld or Seamless Steel Pipe shall be standard weight, black pipe conforming with the applicable provisions of ASTM A53, current edition. It shall be weldable alloy steel containing a minimum of 0.75 percent copper and 1.5 percent nickel, by weight. It shall have the following minimum mechanical properties:

Tensile Strength	50,000 psi.
Yield Strength	37,500 psi.
Elongation in 2 inches	30 percent

The pipe shall be of the size shown on the plans and shall be painted with two coats of red lead and two coats of aluminum paint in accordance with the requirements for shop and field painting Structural Steel.

The drain pipe will be measured in lineal feet on the centerline of the pipe. This item will be paid for at the unit price bid per lineal foot, which price shall include and be full payment for furnishing and installing complete in place and accepted, all materials including weld materials and welding, brackets, pipe clamps and hangers, fittings, connections, hardware and tools, paint and painting equipment and incidentals necessary to complete the work.

CONSTRUCTION NOTE: The Contractor shall arrange the work so as not to interfere with the operations of the Kentucky and Indiana Terminal Railroad Company tracks at any time unless the Contractor has made prior arrangements with the Railroad. The Contractor shall arrange with the Kentucky and Indiana Terminal Railroad Company to provide flag protection at the Contractor's expense. Plans for the erection of the structure and for the cofferdams specified in the following note shall be submitted for approval to the Department of Highways and to the Kentucky and Indiana Terminal Railroad Company.

The Contractor's attention is referred to Article 1.7.15 and Article 1.7.18 of the Specifications.

COFFERDAMS: Cofferdams or sheeting will be required for piers 2, 3 and 4 for the protection of the railroad embankment and tracks. For design of cofferdams: assume an earth surcharge of 10 feet above top of rail to simulate the effect of the railway load. Earth pressure shall be assumed equivalent to 30 pounds per cubic foot fluid pressure.

Cofferdams or sheeting may be necessary for the construction of other piers as specified in the Standard Specifications. The cost of cofferdams or sheeting will not be paid for separately, but will be included in the unit price bid for "Structure Excavation, Common".

CLEARANCE: All falsework, bracing or forms shall have a minimum clearance of 21 feet above top of highest rail, and a minimum horizontal clearance of 8 feet measured at right angles to the centerline of the nearest track.

STYRENE-BUTADIENE PROTECTIVE COATING: In addition to the surfaces specified in Special Provision No. 77, Styrene Butadiene Protective Coating shall be applied to the vertical surfaces and the top of the median barrier in accordance with Special Provision No. 77.

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 2 OF 50

COMMONWEALTH OF KENTUCKY		
DEPARTMENT OF HIGHWAYS		
FRANKFORT		
COUNTY OF		
JEFFERSON		
164-CEDAR GROVE TERRACE TO 13TH STREET		
LOUISVILLE-LEXINGTON		
ROAD		
		SP. 56 273 ILL
STATION 112+82		PROJECT NO. 164-2(341)
BRIDGE NUMBER	DRAWING NO.	JOB
	16539	

GENERAL NOTES

FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				

These notes are modifications of, and additions to, Section 408 of the Standard Specifications, Division, Section and Article numbers and letters appearing herein refer to portions of the Standard Specifications bearing the same designation.

MATERIAL SPECIFICATIONS: The following A. S. T. M. Designations shall govern the material furnished.

A27-65	Carbon Steel Castings, Grade 70-36
A35-67	Structural Steel, for all steel unless noted otherwise on the Plans.
A48-64	Gray Iron Castings
A108-61T	Cold Finished Carbon Steel Bars and Shafting (pins and rollers 9" or less in diameter, Grade 1030)
A307-67	Low Carbon Threaded Fasteners where High Strength Bolts are NOT designated.
A225-66b	High Strength Steel Bolts, Nuts and Plain Hardened Washers.
A441-65a	High Strength Low Alloy Structural Steel
A242-66a	High Strength, Low Alloy Structural Steel
B29-55(1966)	Sheet Lead and Pig Lead

SHOP DETAIL DRAWINGS: The Contractor shall submit shop detail drawings of all structural steel to the Bridge Engineer for approval in accordance with the Specifications. After the fabrication is completed and accepted for shipment the Contractor shall furnish the Department one full set of linen or drafting film tracings of approved correct shop drawings including the welding procedures. No direct payment will be made for the record tracings, but the cost shall be included in the lump sum bid for "Structural Steel".

Any material ordered or work done by the Contractor before the shop drawings, including the welding procedures, are approved shall be at his own risk. Qualification Test of all welding procedures shall be completed by the Contractor and approved by the Engineer prior to the final approval of shop drawings and start of fabrication.

DESIGN: Shop welded construction is intended for all built-up members unless otherwise indicated. High Strength Bolts will be used for shop and field connections as shown on the Plans.

SHOP ASSEMBLING: Holes for field bolted splices of the continuous girders shall be subpunched and re. su. or drilled, where assembled. Each continuous girder unit shall be completely shop assembled with parts adjusted to line, elevations, camber, and fit for drilling or reaming. For the splices and connections of the continuous stringer girders to the pier girders, the deck unit may be fully assembled in the shop or, alternatively, each continuous stringer girder may be assembled with templates equal to the pier girder web thickness between the end connections. A minimum of two spans of each continuous girder shall be assembled for reaming and the splices and connections at each pier girder reamed successively until reaming is completed for a continuous unit.

Milled ends of the compression flange splice plates shall be brought to full bearing against the pier girder web or template before reaming is started.

Girders shall remain assembled for inspection by the Department of Highways Inspector and are to be match-marked while assembled. The continuous stringer girders which are designed as simply supported at the ends for their dead load shall be thus supported while reaming. Other field bolted connections shall be drilled or reamed in the shop with connecting parts assembled or shall be drilled or reamed to a metal template without assembly.

Connections for the cross frames, diaphragms, expansion joints and other minor members may be punched or drilled full size without assembly, subject to the requirements in the Specifications for general reaming.

HIGH STRENGTH BOLTED CONNECTIONS: These are designed as friction type connections.

All high strength bolted connections shall be in accordance with Article 408.3.1-F of the Standard Specifications. Installation of bolts shall be by the turn-of-nut method.

WELDS: All welding shall conform to "Specifications for Welded Highway and Railway Bridges", 1966 with Addenda, of the American Welding Society, with modifications and additions as stated on the Plans and Standard Drawing AWS 2, current edition.

No field welding will be allowed except as shown on the Plans. See note, "Prohibited Field Welding" on General Notes, Sheet No. 2.

ADDITIONAL FIELD SPLICES: If additional field splices are permitted, they shall be at the Contractor's expense and shall be included in the "Lump Sum Bid" for Structural Steel.

GIRDER WEB PLATES: Web plates shall be cut to provide for camber as indicated on the Plans. Provide for possible overage due to extra heat in top flange by virtue of shear connectors. Optional shop welded web plate splices for the girders may be made by the Contractor at the approximate third points of the girder spans and shall be located on shop details. Such splices will not be paid for, but the cost thereof shall be included in the lump sum price bid for "Structural Steel".

GIRDER FLANGES: Prior to approval of the shop detail drawings, the Contractor may request permission from the Engineer to extend a thicker flange plate in the direction of a smaller to eliminate one or more butt welded flange splices. No extra payment will be made for the additional steel weight.

WILL TEST REPORTS: Notarized Will Test Reports, in triplicate, shall be furnished to the Kentucky Department of Highways showing that all materials furnished conform to the Specifications.

DIMENSIONS: Dimensions shown on the Plans are for a normal temperature of 60 degrees Fahrenheit with dead load on the structure. Tapes used by the Contractor including the structural steel fabricator and erector, shall have been calibrated correctly with the U. S. Bureau of Standards to insure correct fit of the steelwork.

ERECTION AND FIELD ASSEMBLY: The stringer girders for Spans 3, 4 and 5 are designed as simply supported between the pier girders for their weight only. For additional steel weight and that of the concrete slab, the stringer girders are designed as continuous spans. For live load and dead loads applied after the slab has cured, the girders and slab are composite in regions of positive moment.

As soon as each girder is erected between pier girders, the top flange splices shall be pinned and bolted as required by Article 408.3.2-F. The milled end of the bottom flange splice plate shall be brought into full bearing against the pier girder web or milled seating plate and immediately pinned and bolted as required for continuity of the spans.

WISIFITS: With prior approval of the Engineer, the correction of minor wisifits involving harmless amounts of reaming, cutting and chipping will be considered a legitimate part of the erection. However, any error in the shop fabrication or deformation resulting from handling and transportation which prevents the proper assembling and fitting up of parts by the moderate use of drift pins or by a moderate amount of reaming and slight chipping or cutting, shall be reported immediately to the Inspector and his approval of the method of correction obtained. The correction shall be made in his presence.

BLAST CLEANING: Blast cleaning shall be required for all steel in accordance with Article 408.3.3E after assembly and welding and immediately prior to shop painting.

PAINTING: All structural steel shall receive one shop coat of Type I Red Lead Primer, one field coat of the same type primer paint tinted with lamp black sufficient only to provide a color contrast, one field coat of tinted Aluminum Paint, and one field coat of Aluminum Paint.

All paint shall be applied with brushes except the finish coat of aluminum paint which may be applied with an approved air-less spray. By either method, the coating of paint shall be applied smoothly and uniformly so that no excess paint will collect at any point.

The second coat of primer paint or any other intermediate coat shall be tinted to provide a color contrast. Red Lead Primer paint shall be tinted with two ounces of lamp black per gallon of paint. The first coat of aluminum paint shall be tinted with Prussian Blue as specified in Article 661.4.7-C.

Weld spatter shall be cleaned in accordance with AWS 413(a) before shop painting. Exposed surfaces of steel not accessible after erection and not in contact with concrete shall be given the required field coats of paint before erection. Shop paint shall not be applied within three inches of open holes where high strength bolts are to be used, of edges or surfaces to be field welded, and to surfaces in contact with concrete. Areas not painted in the shop shall be given one coat of Type I Red Lead touch-up prior to application of the required field coats of paint.

Exterior surfaces of the cast iron drain body which will be in contact with concrete shall not be painted or coated and shall be free from rust, mold, sand or other foreign material. Other surfaces which will not be in contact with concrete shall be painted as required for structural steel.

The dry film thickness of the shop coat of paint shall be uniform and not less than 1.5 mils as measured with a calibrated magnetic film thickness gage. The total dry film thickness of the first coat of field primer paint shall be uniform and 1.5 mils minimum. Each of the two aluminum coats of paint shall be uniform and 1.0 mils minimum. The total dry film thickness of shop and field coats shall not be less than 5.0 mils. All measurements of dry film thickness shall be measured with a calibrated magnetic film thickness gage.

The completion date of painting (year and month) shall be stenciled on the structure as directed by the Engineer.

STEEL FINISH: Steel bearing surfaces in contact shall be finished in accordance with Article 408.3.1-H.

PAYMENT FOR STRUCTURAL STEEL: The lump sum bid for Structural Steel includes and shall be full compensation for preparing shop detail and erection drawings, furnishing, fabricating, transporting, placing and erecting all materials, drilling anchor bolt holes and leading in anchor bolts, furnishing paint and painting, furnishing linen or drafting film tracings of shop detail and erection drawings, and all labor, equipment, tools and incidentals necessary to complete the structure in accordance with the Plans and Specifications. The item "Structural Steel" shall include also high strength bolts, washers, welding and welding materials, pig lead and lead plates, anchor bolts, cast iron drains and cast steel grates and miscellaneous materials necessary to complete the steelwork.

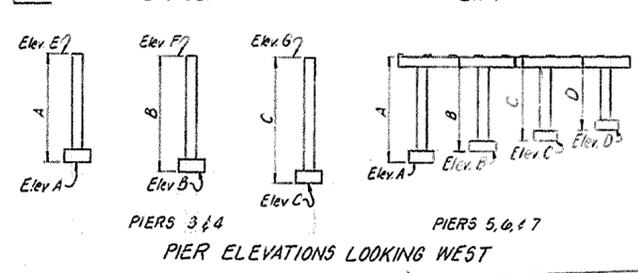
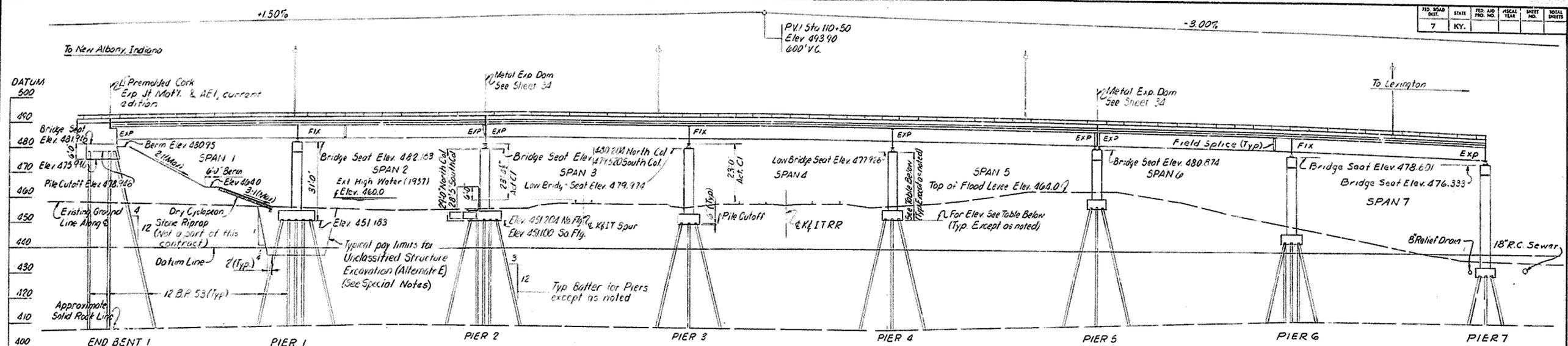
Payment changes for structural steel because of plan changes ordered by the Engineer shall be computed at a unit price rate based on the lump sum bid divided by the total estimated weight of Structural Steel listed on the Plans.

DESIGNED BY: [Signature] DATE: 4/22/66
 CHECKED BY: [Signature] DATE: 4/22/66
 REVISIONS: [Table with 2 columns: NO., DATE]

BRIDGE OVER KENT RAILROAD & 27th STREET SHEET 3 OF 50

COMMONWEALTH OF KENTUCKY	
DEPARTMENT OF HIGHWAYS	
FRANKFORT	
COUNTY OF	
JEFFERSON	
164-CEDAR GROVE TERRACE TO 13th STREET	
LOUISVILLE-LEXINGTON	
ROAD	
STATION 112+82	PROJECT NO. 164-2(34)
BRIDGE NUMBER	DRAWING NO. 16539
	INDEX

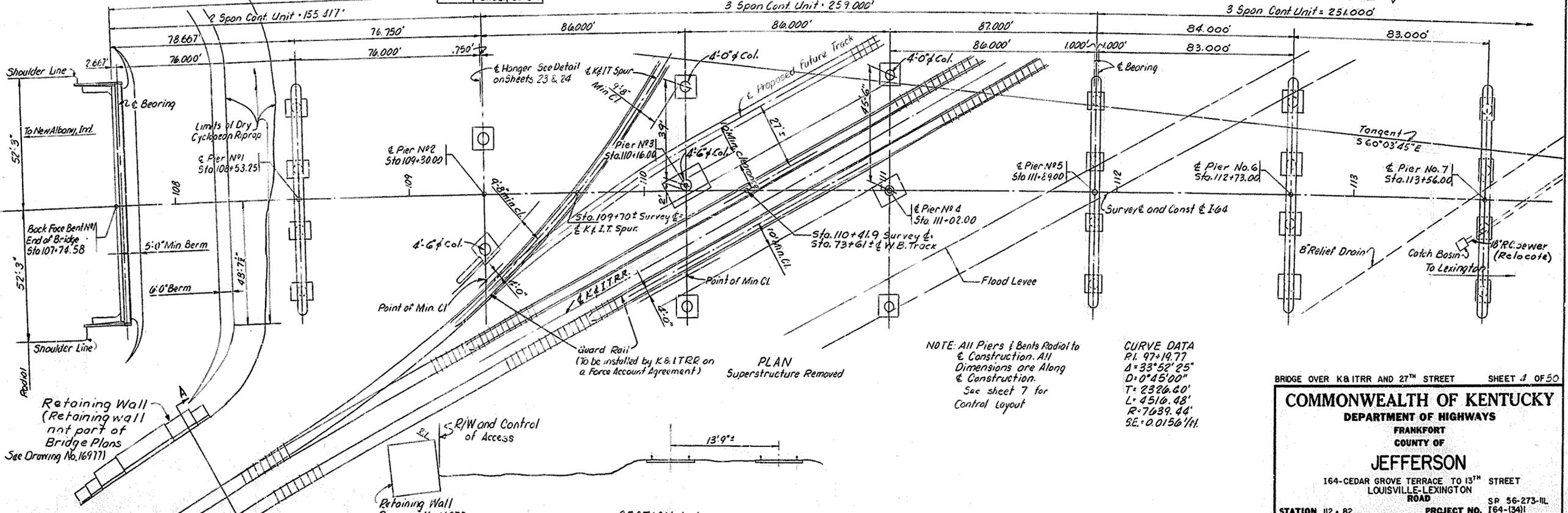
STRUCTURAL STEEL NOTES



	PIER 3	PIER 4	PIER 5	PIER 6	PIER 7
Elev. A	452.714	456.809	455.674	433.101	430.833
A	27'-0"	22'-0"	34'-0"	45'-6"	45'-6"
Elev. B	451.483	450.726	455.674	440.101	430.833
B	28'-6"	27'-0"	25'-0"	38'-6"	37'-0"
Elev. C	449.821	450.219	455.674	447.101	432.833
C	31'-6"	30'-0"	25'-0"	31'-6"	35'-0"
Elev. D			452.874	456.014	439.833
D			28'-0"	22'-0"	36'-6"
Elev. E	479.914	476.802			
Elev. F	479.983	477.926			
Elev. G	481.324	480.219			

ELEVATION

Span Lengths Vary 2, 3 or 5 Span Cont Units
 Welded Plate Girder. Skew Angle Varies
 HS 20-44. Loading as specified in
 1961 A.A.S.H.O. Specifications with tentative 1961 thru
 1964 revisions or alternate loading of two 24
 kip axles spaced 4 feet apart, whichever
 produces the greater stress.
 2'-4.4" Roadways with 9" Brush Curbs
 and 2'-4" Median, 10'-6" Shoulders, 3:1
 Fill Slopes to Elev. 464.0, 2:1 Fill Slopes
 above Elev. 464.0.



Retaining Wall (Retaining wall not part of Bridge Plans See Drawing No. 16977)

Retaining Wall Drawing No. 16977

SECTION A-A

NOTE: All Piers & Bents Radial to
 & Construction. All
 Dimensions are Along
 & Construction.
 See sheet 7 for
 Control Layout

CURVE DATA
 P.I. 97+19.77
 Δ = 33° 52' 25"
 D = 0° 45' 00"
 T = 2326.60'
 L = 4516.48'
 R = 7639.44'
 SE = 0.0156/ft.

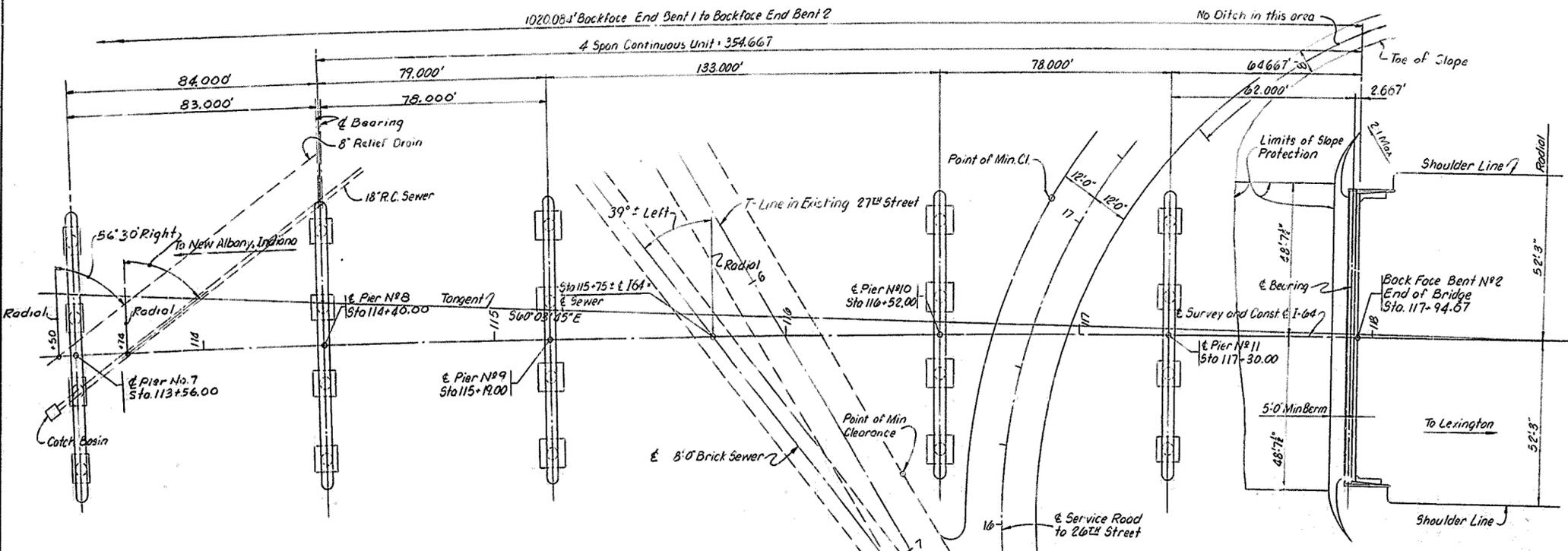
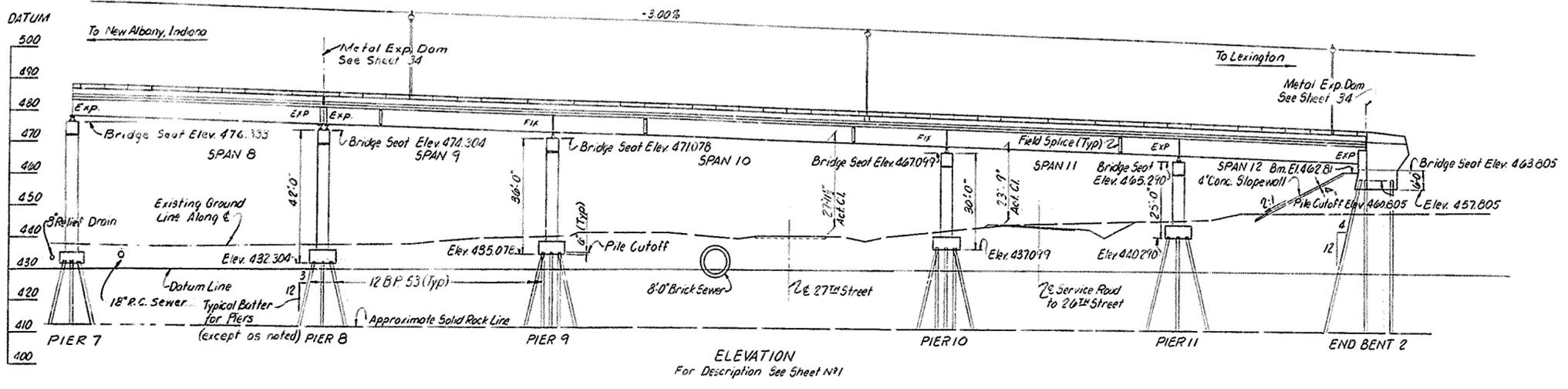
BRIDGE OVER K&ITRR AND 27TH STREET SHEET 4 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE-LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-(341)
 BRIDGE NUMBER DRAWING INDEX
 No. 16539

LAYOUT

FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



CURVE DATA
 P.I. 97+19.77
 Δ: 33° 52' 25"
 D: 0° 45' 00"
 T: 2326.40'
 L: 4516.48'
 R: 7639.44'
 S.E. = 0.0156/111

NOTE: All Piers & Bents Radial to & Construction. All Dimensions are Along & Construction. See sheet 7 for Control Layout

LAYOUT

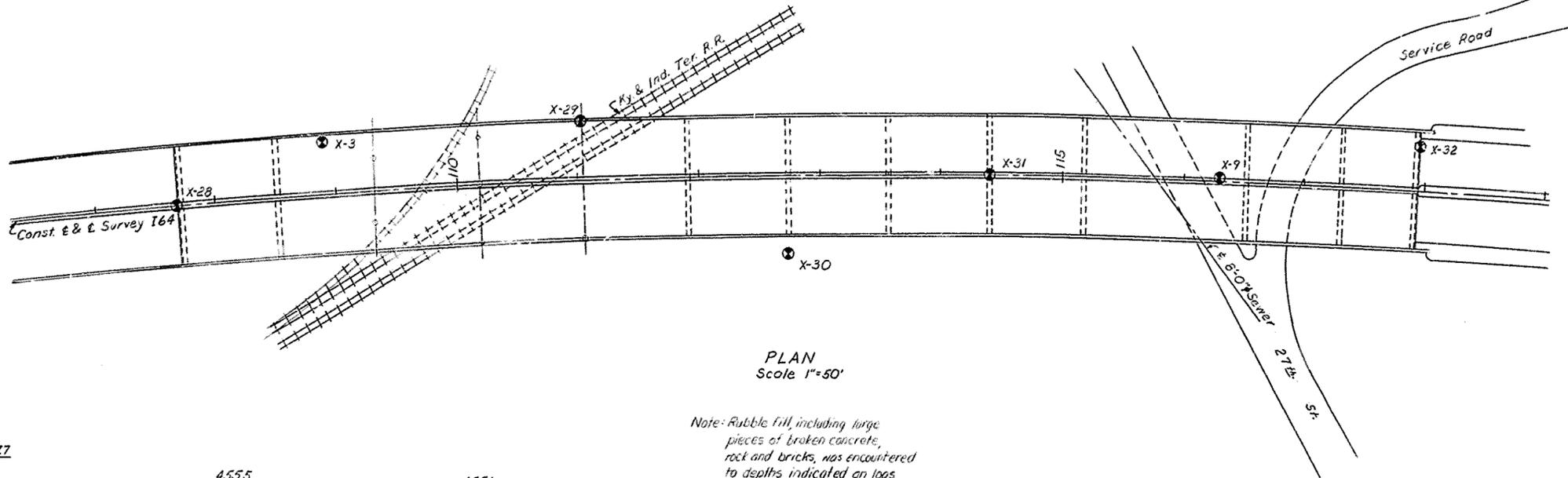
BRIDGE OVER K&ITRR AND 27TH STREET SHEET 5 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE-LEXINGTON
 ROAD S.F. 56-273-III

STATION 112+82 PROJECT NO. 164-2(34)1

BRIDGE NUMBER	DRAWING NO. 16539	INDEX
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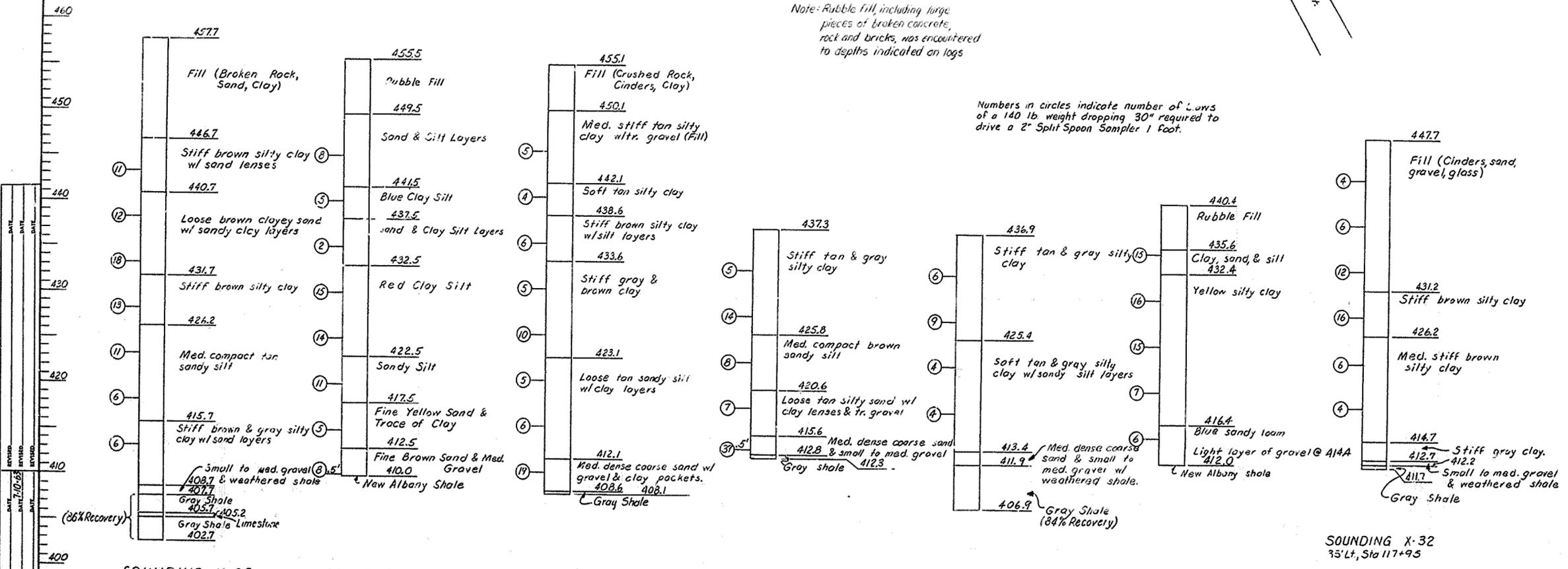
DESIGNED BY: [] DATE: []
 CHECKED BY: [] DATE: []
 DRAWN BY: [] DATE: []
 TRACED BY: [] DATE: []



PLAN
Scale 1"=50'

Note: Rubble fill, including large pieces of broken concrete, rock and bricks, was encountered to depths indicated on logs

Numbers in circles indicate number of blows of a 140 lb weight dropping 30" required to drive a 2" Split Spoon Sampler 1 foot.



REVISIONS: DATE BY DATE BY DATE BY DATE BY
 7/10/55 G.J.N.
 7/2/55 C.W.H.
 7/2/55 G.J.N.
 7/2/55 G.J.N.
 7/2/55 G.J.N.

LOG OF SOUNDINGS

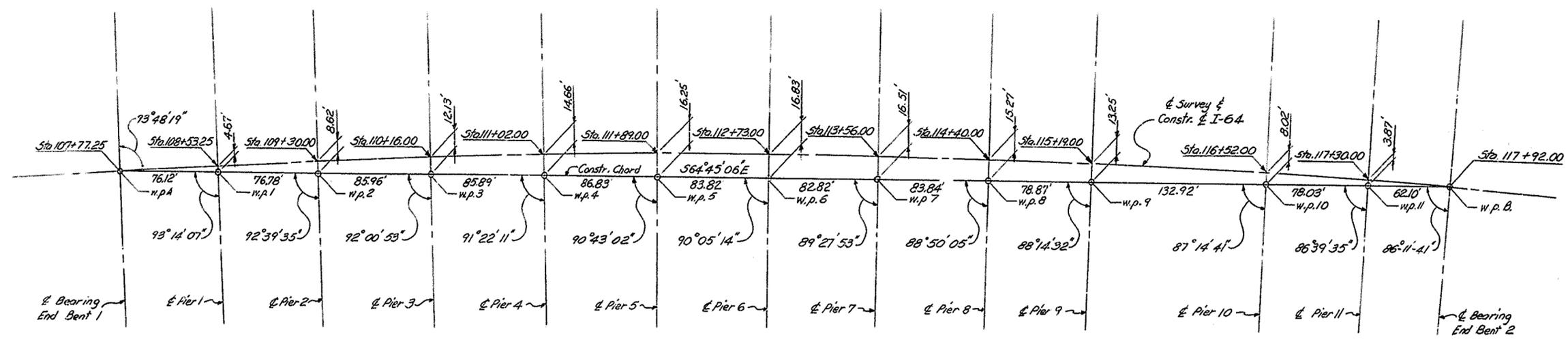
BRIDGE OVER K&ITRR AND 27TH STREET SHEET 6 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

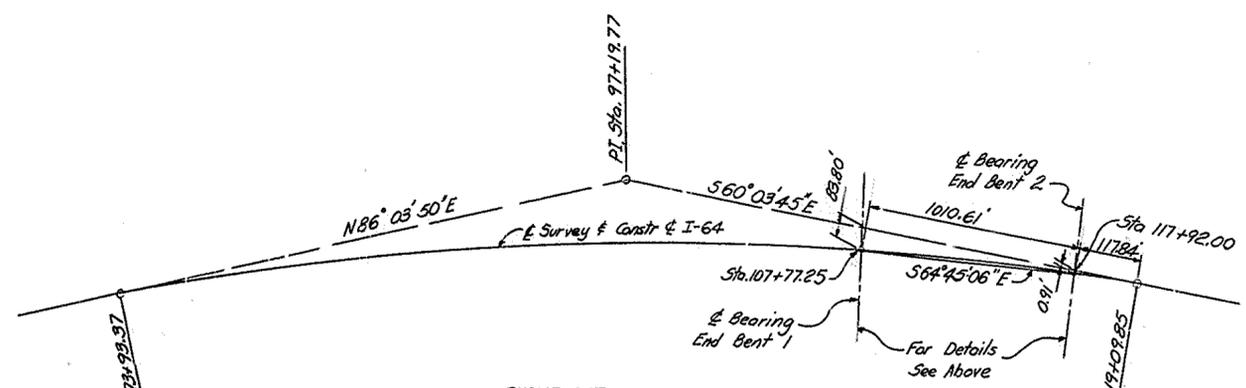
STATION 112.82 PROJECT NO. 164-2(54)

SP 56-273-11L
 DRAWING NO. 16539

FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



Note: All Piers are Radial



CURVE DATA
 PI Sta. 97+19.77
 $\Delta = 33^\circ 52' 25''$
 $D = 0^\circ 45' 00''$
 $T = 2326.40'$
 $L = 4516.48'$
 $R = 7639.44'$
 $SE = 0.0156'/ft$

DESIGNED BY	DATE	REVISION	DATE
BY	10/1/77		
CHECKED BY	DATE	REVISION	DATE
BY	10/1/77		
APPROVED BY	DATE	REVISION	DATE
BY	10/1/77		

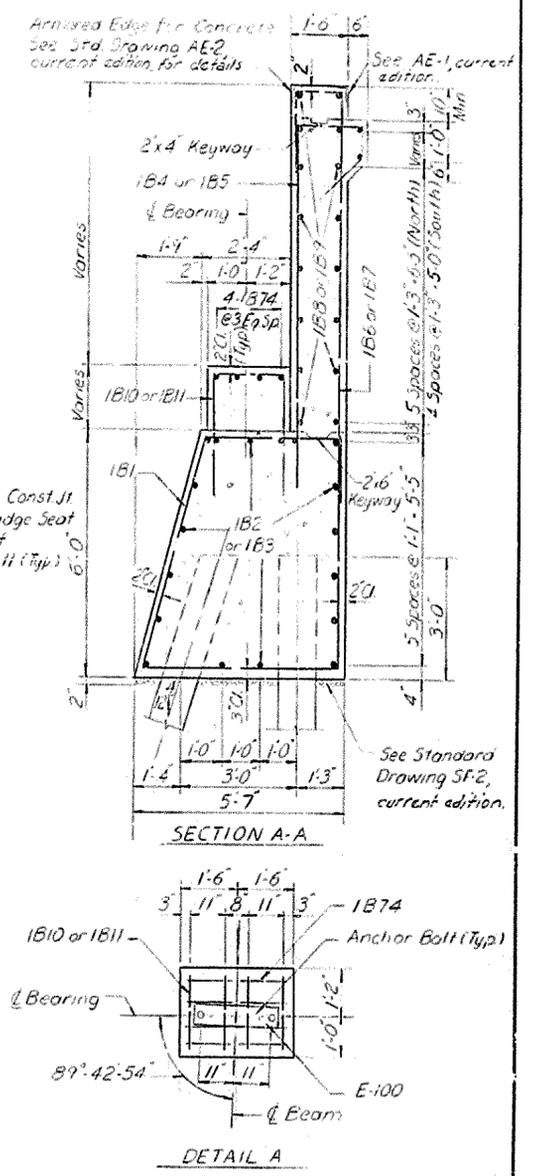
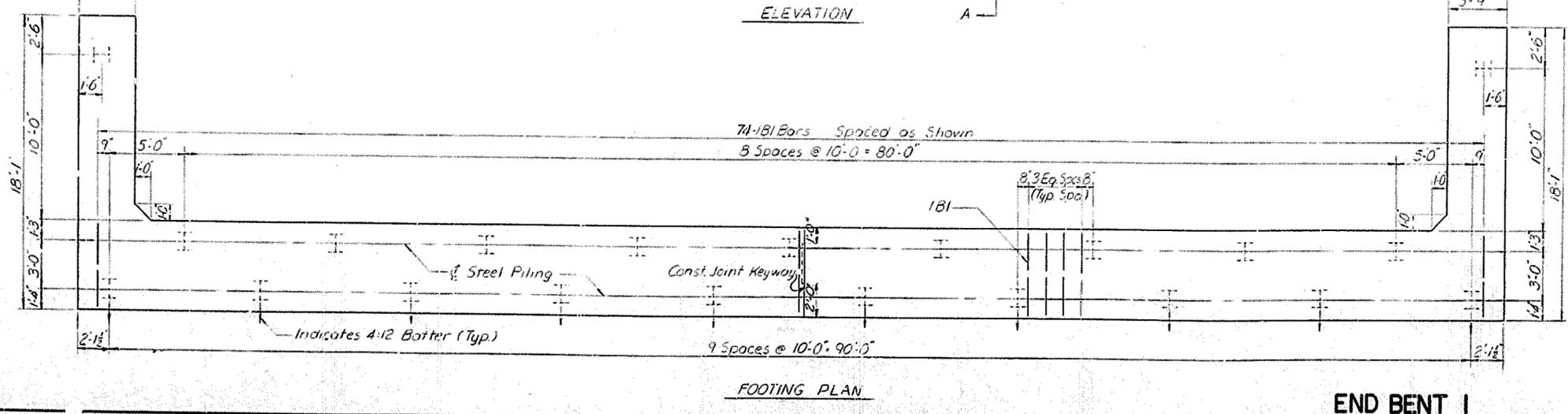
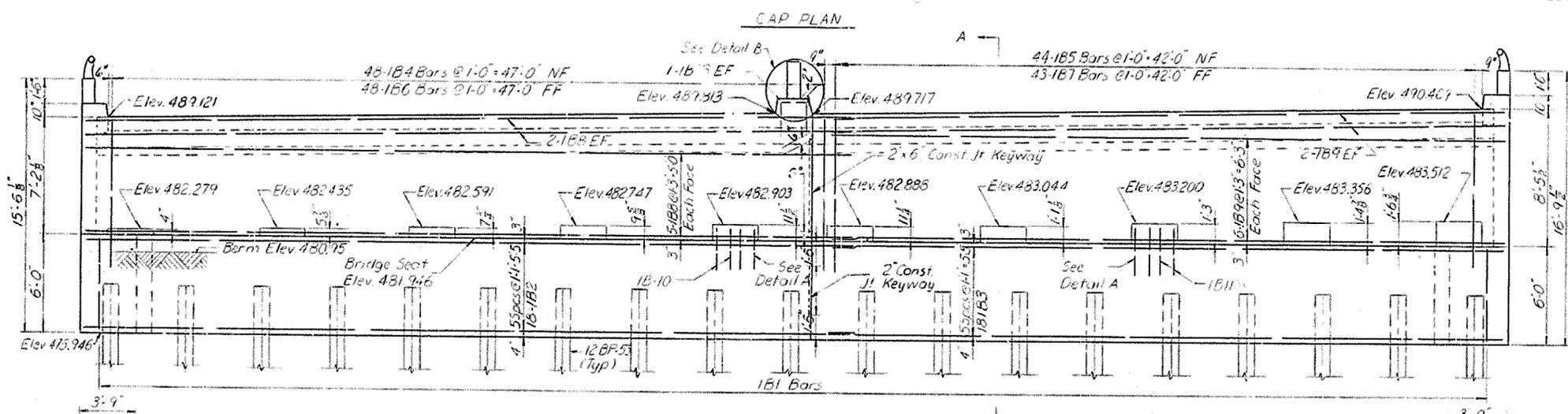
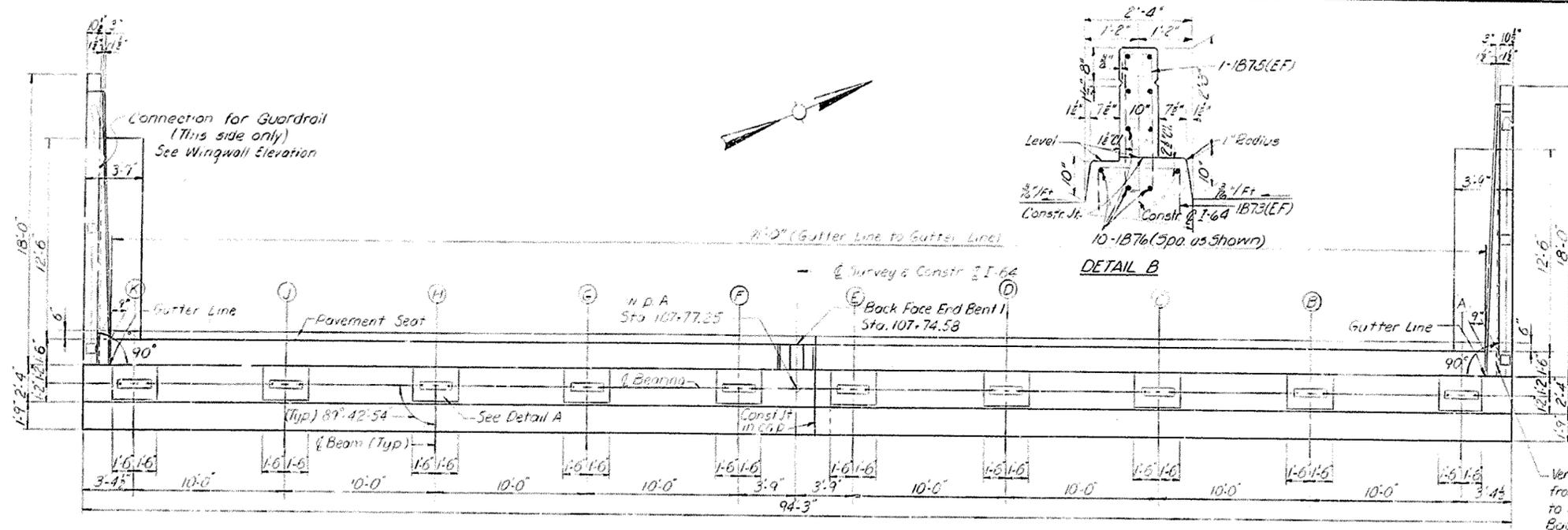
CONTROL LAYOUT

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 7 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 I64 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(34)
 BRIDGE NUMBER 16539 DRAWING NO. INDEX

PROJ. NO.	STATE	PROJ. DIST.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



NOTE:
Work this sheet with sheet No. 9

BRIDGE OVER KAITRR AND 27TH STREET SHEET 8 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD SR 56-275-11L
 STATION 112+32 PROJECT NO. 164-2(341)
 BRIDGE NUMBER DRAWING NO. 16539

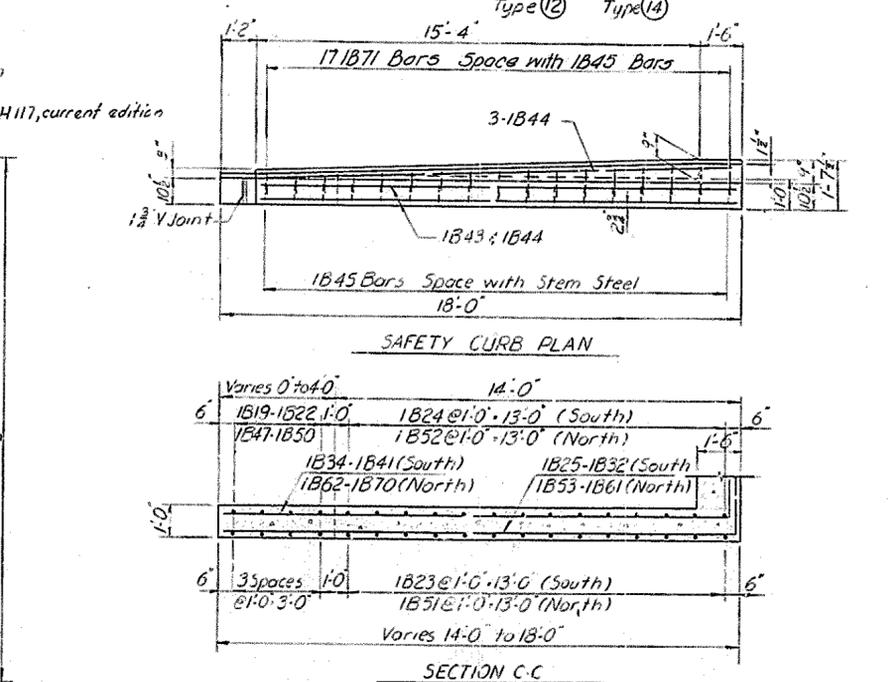
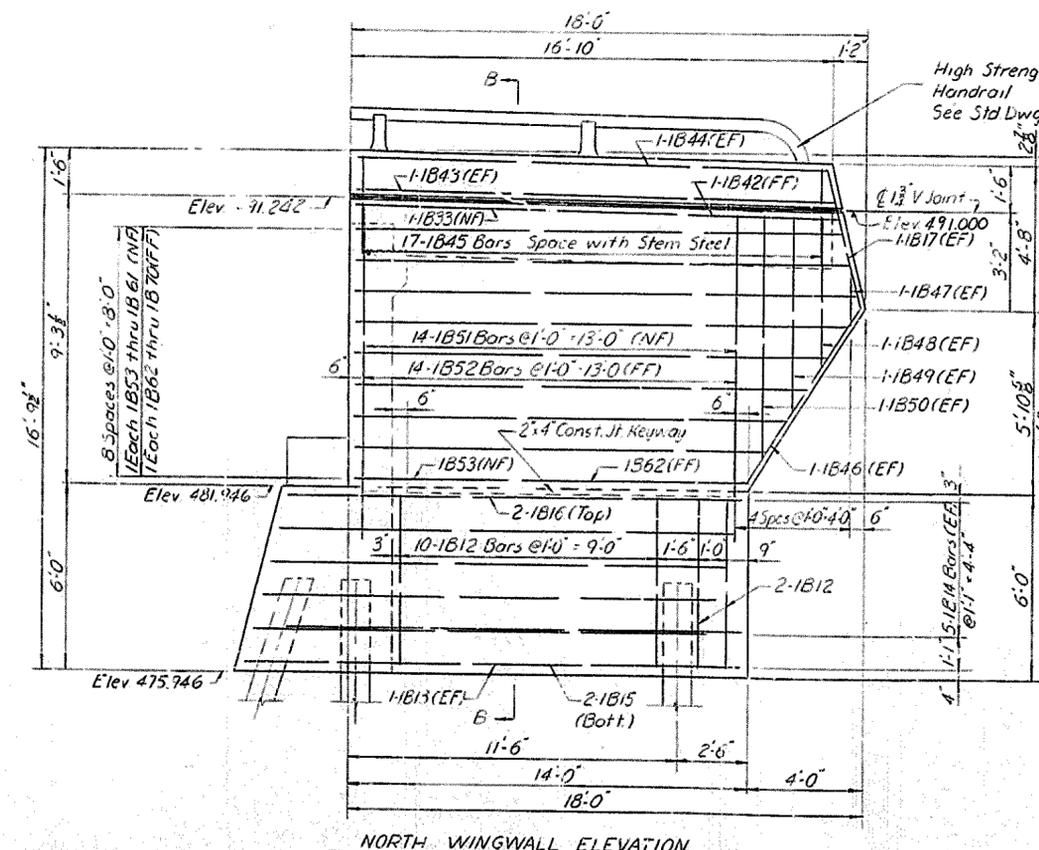
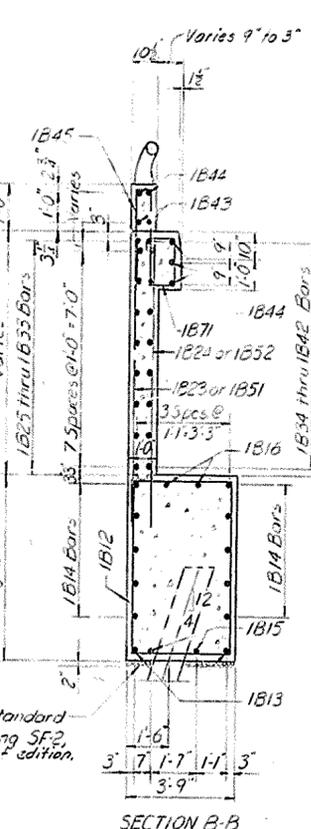
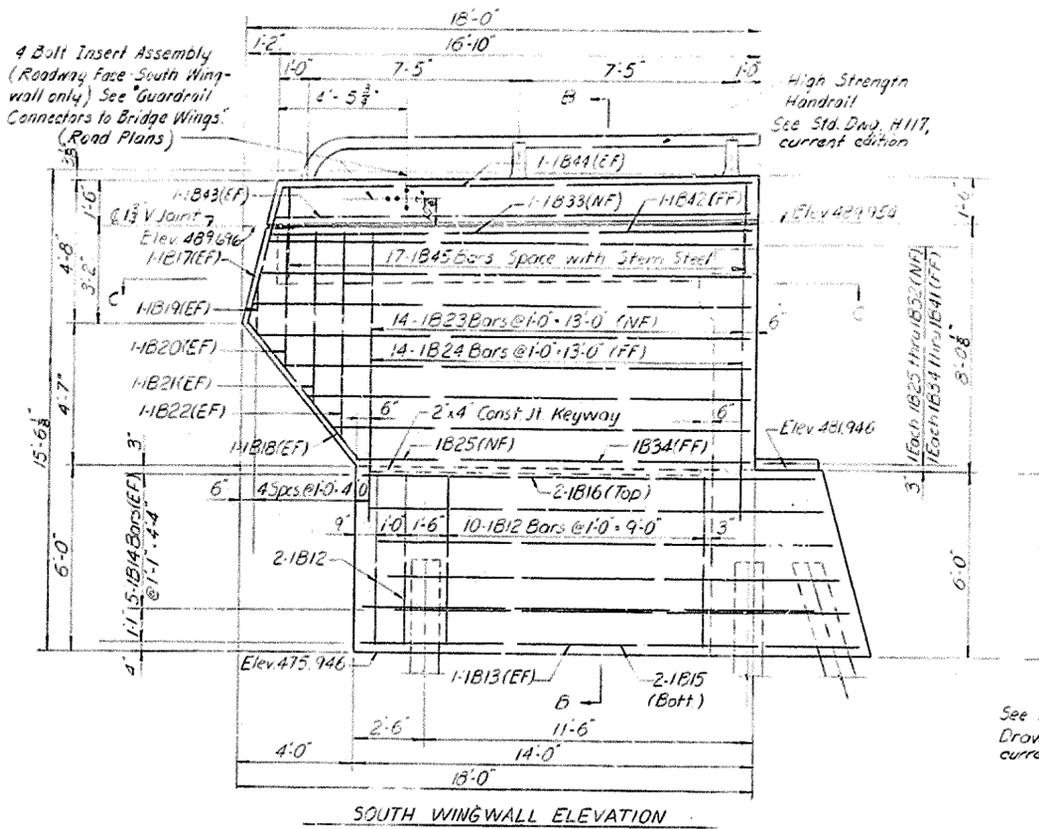
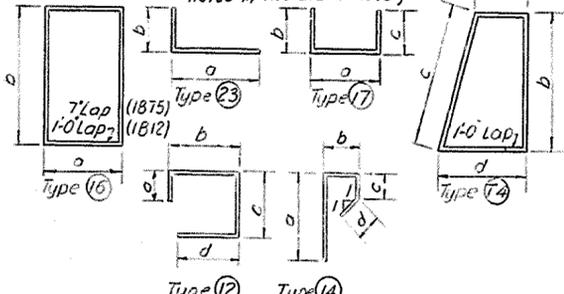
DESIGNED BY: J.W.H. DATE: 1/10/02
 CHECKED BY: C.K. DATE: 1/10/02
 TRACED BY: C.K. DATE: 1/10/02
 REVISIONS:

END BENT I

ESTIMATE OF QUANTITIES		
ITEM	UNIT	AMOUNT
Concrete Class A	Cu Yds	1177
Steel Reinforcement	Lbs	12535
Steel Piles-12 HP 53- Piling	Lin Ft	1560
Steel Piles-2 BP 53- Driving	Lin Ft	1560
Structure Excavation, Common	Cu Yds	404
High-Strength Handrail	Lin Ft	32
End Bent Backfill	Cu Yds	210
Concrete Class AA	Cu Yds	573

BILL OF REINFORCEMENT											
Mark	Size	Type	Length	Location	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G
			ft		ft						
181	5	1	22	North & South Cap	3	6	5	7	15	10	5
182	6	5	18	South Cap							
183	6	5	18	North Cap							
184	5	1	18	North Backwall	5	4	1	8	0	1	1
185	5	1	18	North Backwall	5	4	1	8	0	1	1
186	6	1	17	South Backwall	1	2	9	3	2	0	1
187	5	1	17	South Backwall	1	2	9	3	2	0	1
188	4	5	16	South	1	2	10	1	2	0	
189	4	5	16	South	1	2	10	1	2	0	
190	4	5	16	South	1	2	10	1	2	0	
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NOTES
 Top of cap bars are to be located so as not to interfere with driving of Anchor Bolt holes.
 NF denotes Near Face. FF denotes Far Face. EF denotes Each Face.
 See sheet No. 8 for elevation along backwall.
 Do not backfill above bridge seat until superstructure is in place. For details of End Bent Construction see Std. Dwg. SF-2 For Detail of Preformed Joint Seal and Fremolded Cork Expansion Joint material see Std. Drawing G-353 & G-354 For location of test pile see Pile Record sheet No. 49 Work this sheet with sheet No. 8 (use current editions of Std. Drawings listed in the above notes)



DESIGNED BY: J.W.H.
 CHECKED BY: S.B.H.
 DATE: _____
 REVISION: _____
 DATE: _____

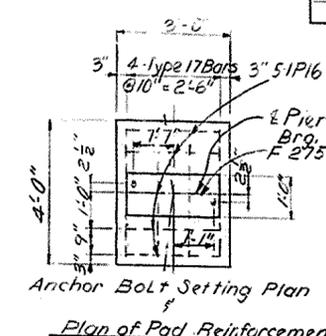
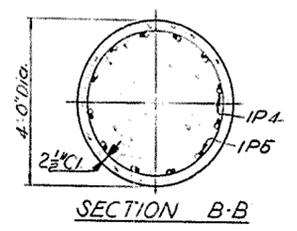
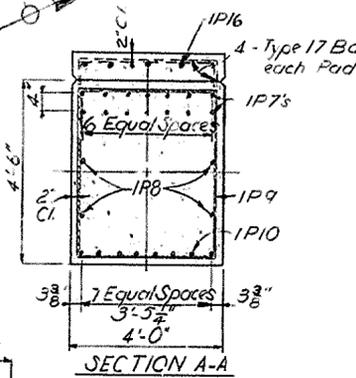
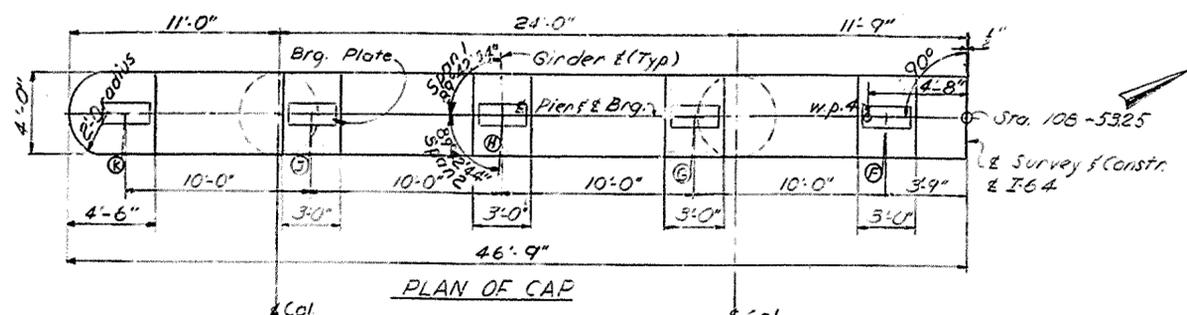
BRIDGE OVER K&ITRR AND 27TH STREET SHEET 9 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 18TH STREET
 LOUISVILLE - LEXINGTON
 ROAD SP 56-273-III

STATION 112+82 PROJECT NO. 164-2(34)

BRIDGE NUMBER 16539 DRAWING NO. INDEX

END BENT I

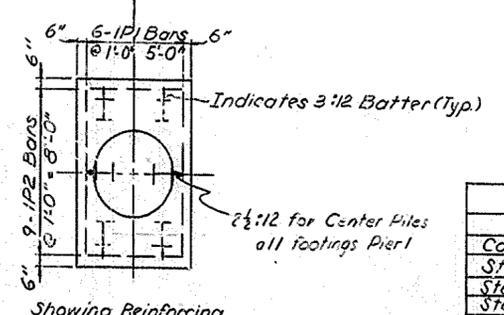
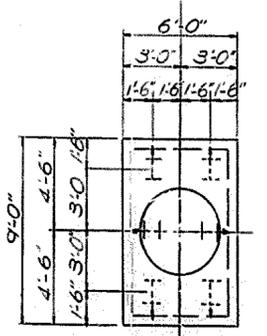
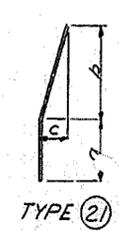
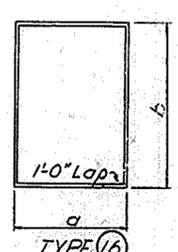
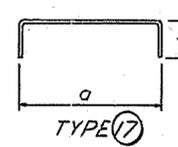
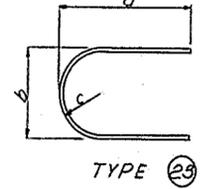
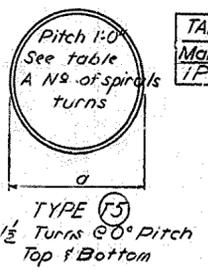
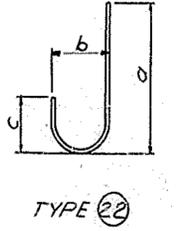
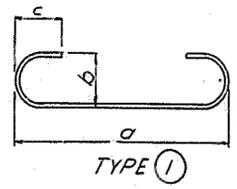
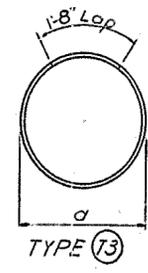
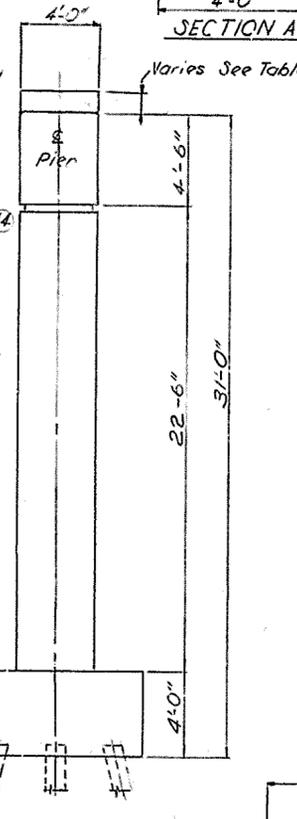
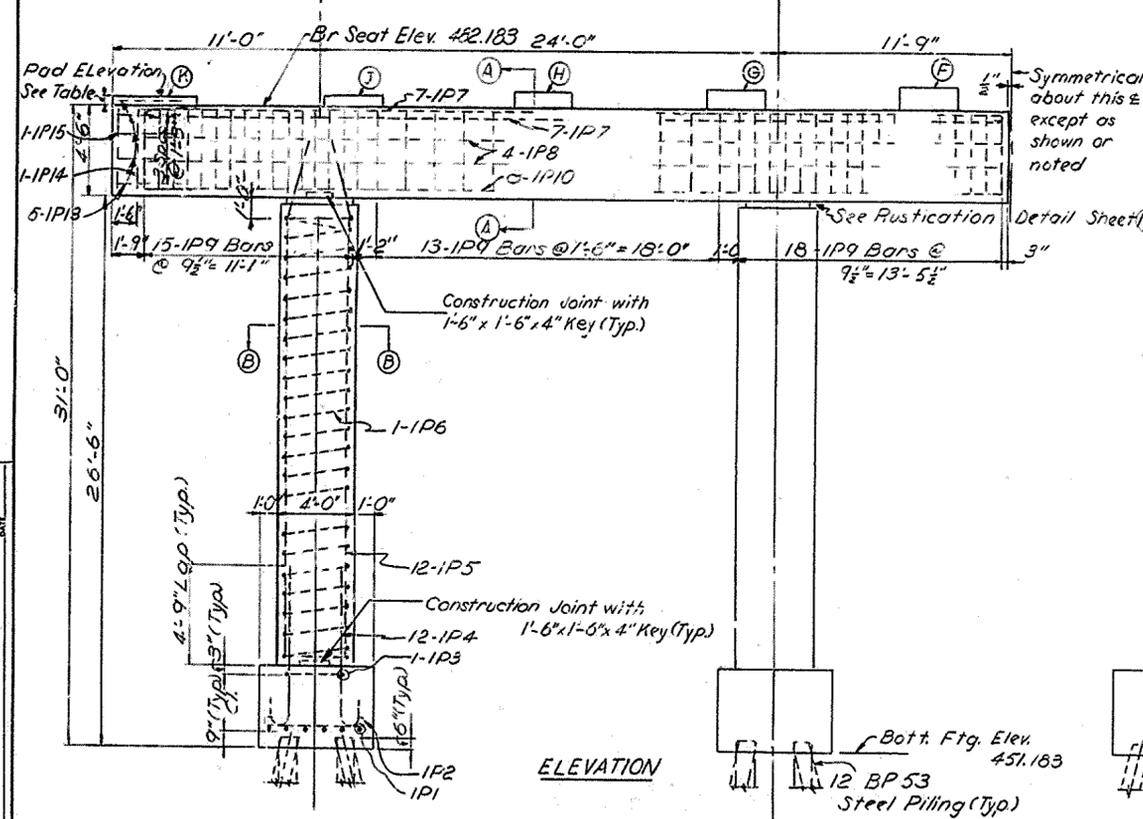


BILL OF REINFORCEMENT

Mark	Type	Size	N ^o Reqd.	Length	Location	a	b	c
				ft. in.		ft. in.	ft. in.	ft. in.
IP1	1	#8	24	10 8	Footings	8 3	0 10	0 9
IP2	1	#8	36	7 8	"	5 6	0 10	0 9
IP3	73	#4	4	12 10	"	3 7	-	-
IP4	22	#11	48	9 6	Ftg. Col.	7 11	1 2	1 10
IP5	21	#11	48	25 8	Columns Cap	21 6	4 0	1 0
IP6	75	#4	4	27 2	"	3 7	-	-
IP7	1	#11	28	47 11	Cap	44 9	-	-
IP8	str.	#4	8	44 4	"	44 9	-	-
IP9	16	#5	92	16 6	"	3 8	4 2	-
IP10	str.	#11	16	44 9	"	44 9	-	-
IP11	17	#6	20	9 8	Pad	3 8	3 0	-
IP12	17	#4	20	8 8	"	3 8	2 6	-
IP13	23	#4	10	8 2	Cap	3 1	3 8	1 10
IP14	16	#5	2	16 2	"	3 6	4 2	-
IP15	str.	#4	2	4 2	"	4 2	-	-
IP16	str.	#4	50	2 8	Pad	2 8	-	-

PAD TABLE

Girder	Ht.	Elevation	Mark
A	1'-6"	483.748	IP11
B	1'-4"	483.592	"
C	1'-3"	483.436	"
D	1'-1 1/2"	483.280	"
E	11 1/2"	483.124	IP11
F	11 1/2"	483.140	IP12
G	9 3/4"	482.984	"
H	7 3/4"	482.828	"
J	5 3/4"	482.672	"
K	4"	482.516	IP12



ESTIMATE OF QUANTITIES

ITEM	UNIT	AMOUNT
Concrete Class A	Cu. Yds.	139.8
Steel Reinforcement	Lbs.	24,519
Steel Piles - 12 BP 53 - Furnishing	Lin. Ft.	1,060
Steel Piles - 12 BP 53 - Driving	Lin. Ft.	1,060
Structure Excavation, Common	Cu. Yds.	80

Notes:
 Bars in tops of pads and caps are to be accurately located in accordance with the plans so that they do not interfere with drilling of anchor bolts holes.
 For anchor bolt details see Sheet No. 99
 For test pile location see Sheet No. 49

PIER I

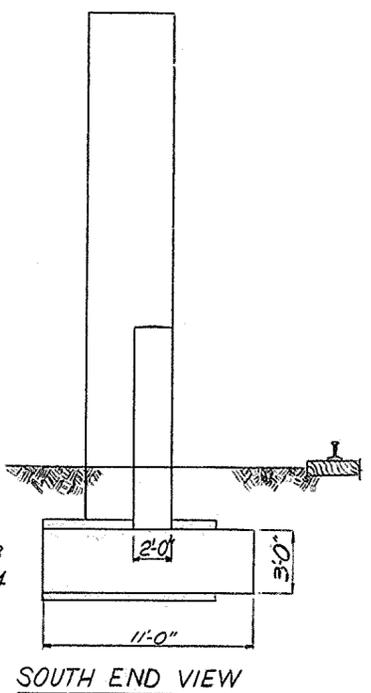
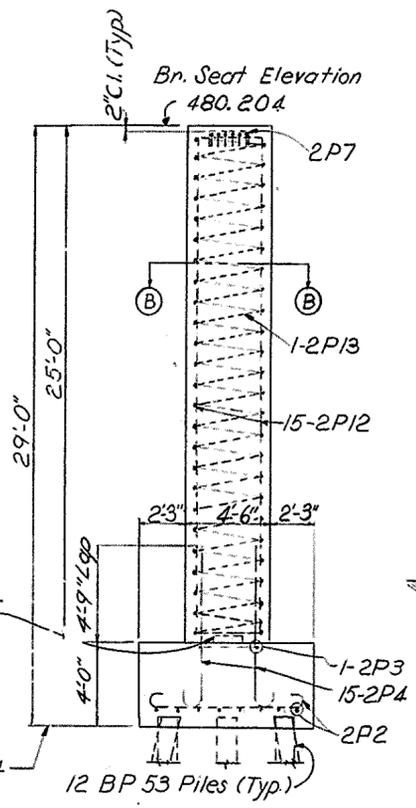
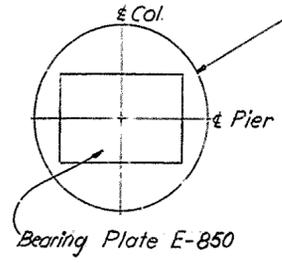
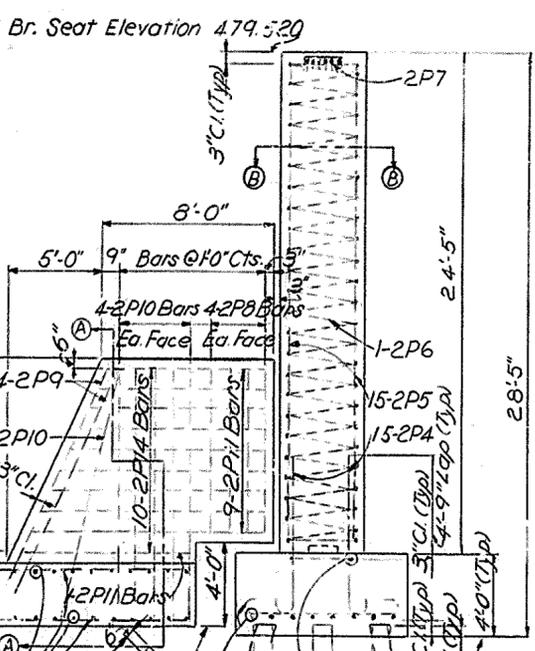
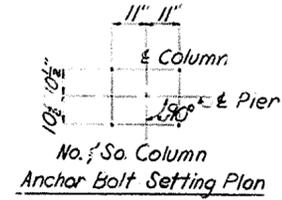
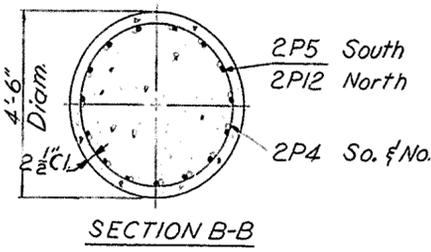
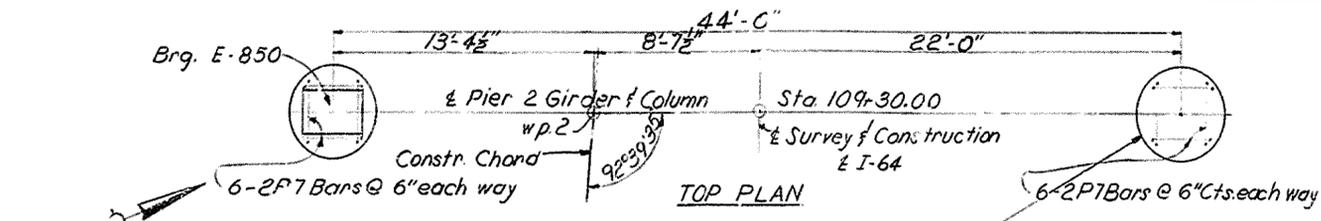
BRIDGE OVER K&BT RR AND 27TH STREET SHEET 10 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CED-R GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD S.P. 56-273-11L

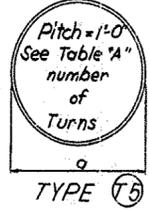
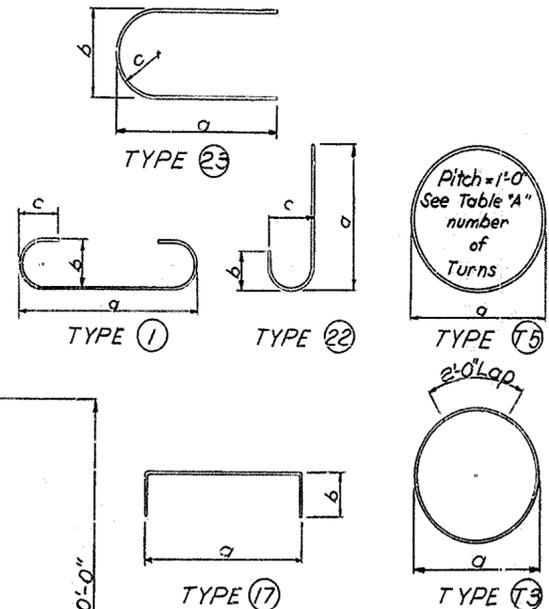
STATION 112+82 PROJECT NO. 164-2(34)

BRIDGE NUMBER	DRAWING	INDEX
		NO. 16539

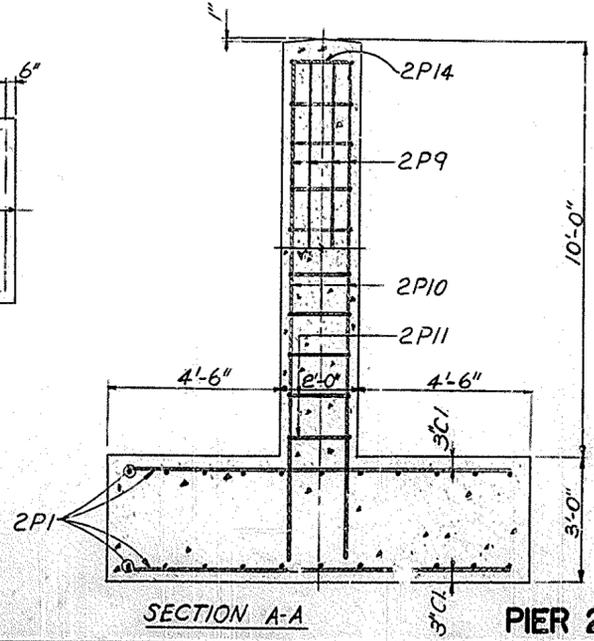
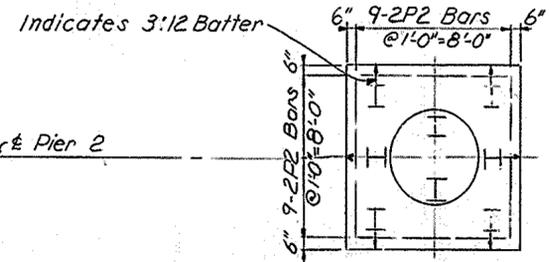
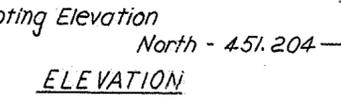
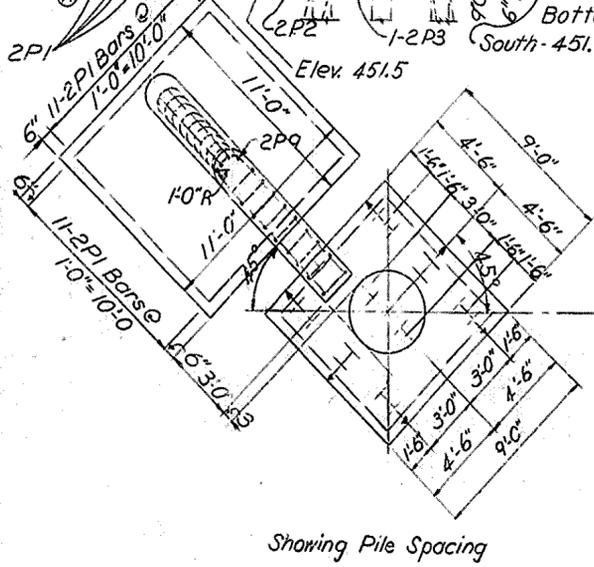
DESIGNED BY: J.W.H. CHECKED BY: C.S. DATE: 11/11/11
 DRAWN BY: C.V.D.B. REVISION: DATE: 11/11/11
 SCALE: AS SHOWN



Mark	Type	Size	N ^o Req	Length	Location	a	b	c
				FT. IN.		FT. IN.	FT. IN.	FT. IN.
2P1	Str.	# 8	44	10 6	Collision Ftg.	-	-	-
2P2	1	# 8	36	10 8	Footing	8 6	0 10	0 9
2P3	T3	# 4	2	14 8	"	4 1	-	-
2P4	22	# 11	30	9 6	Ftg. & Col.	7 11	1 2	1 0
2P5	Str.	# 11	15	24 2	Column	-	-	-
2P6	T5	# 4	1	34 3	"	4 1	-	-
2P7	17	# 6	24	4 0	"	3 0	0 6	-
2P8	Str.	# 6	8	8 6	Collision Wall	-	-	-
2P9	Str.	# 6	4	13 0	"	-	-	-
2P10	Str.	# 6	10	12 3	"	-	-	-
2P11	17	# 6	10	15 0	"	1 6	6 9	-
2P12	Str.	# 11	15	24 9	Column	-	-	-
2P13	T5	# 4	1	35 6	"	4 1	-	-
2P14	23	# 6	10	15 10	"	7 6	1 6	0 9



Mark	Turns
2P6	27
2P13	28



ITEM	UNIT	AMT.
Concrete Class "A"	Cu. Yds.	74.0
Steel Reinforcement	Lbs.	9126
Steel Piles 12 BP 53-Finishing	Lin. Ft.	704
Steel Piles 12 BP 53-Lining	Lin. Ft.	704
Structure Excavation, Common	Cu. Yds.	83

Notes ~
See Sheet 1C

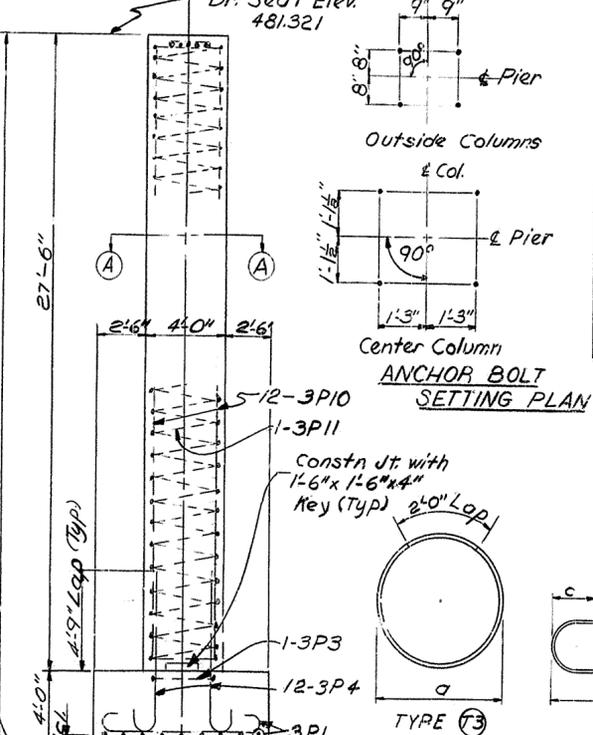
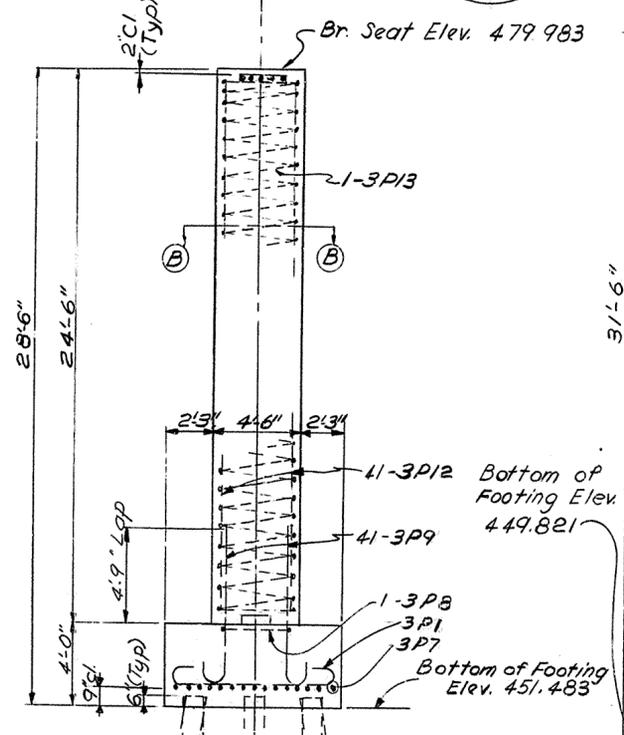
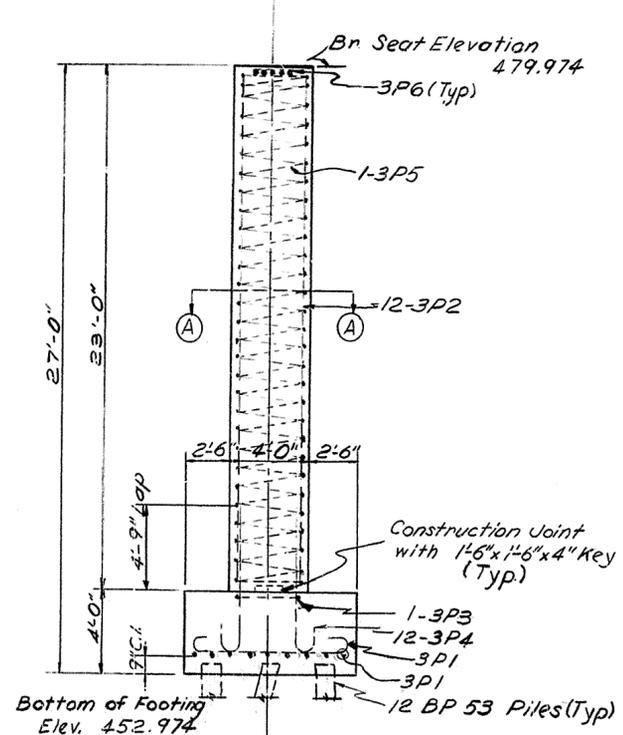
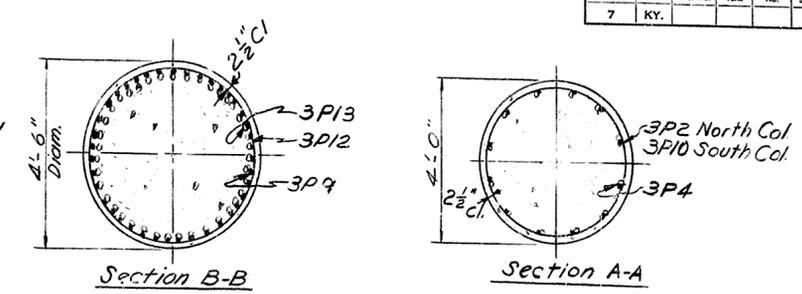
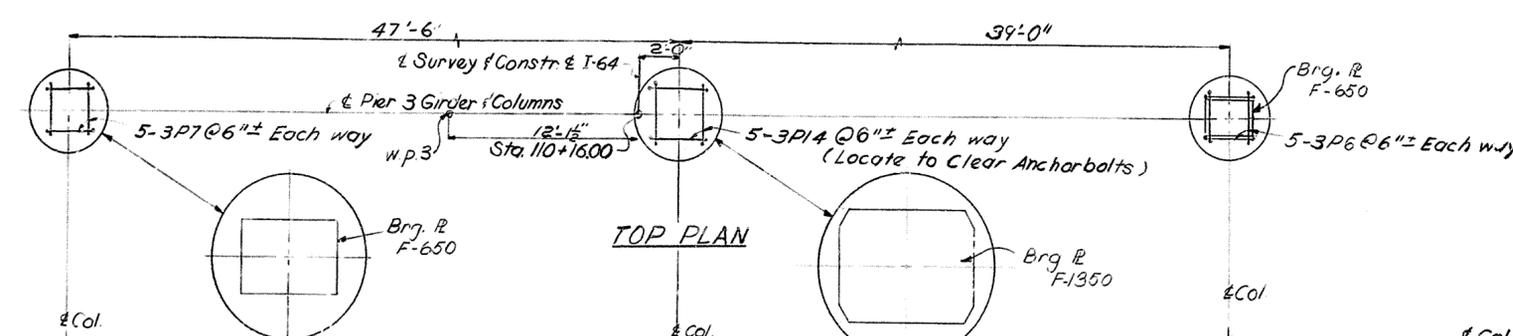
BRIDGE OVER KBITRR AND 27TH STREET SHEET 11 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
164 - CEDAR GROVE TERRACE TO 13TH STREET
LOUISVILLE - LEXINGTON
ROAD

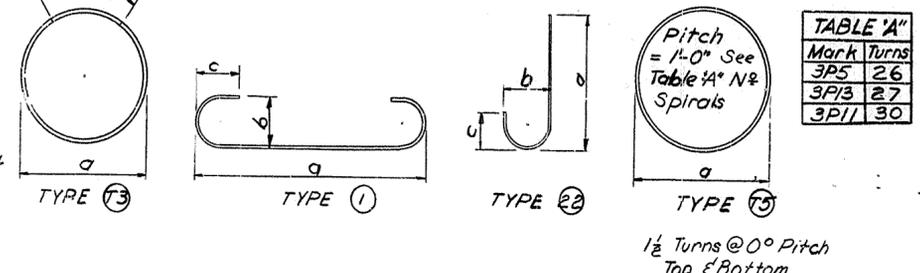
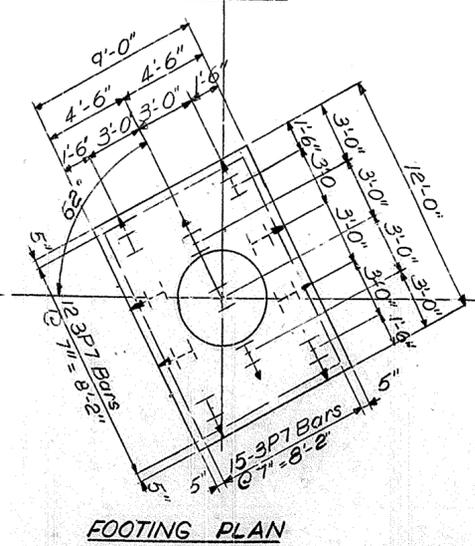
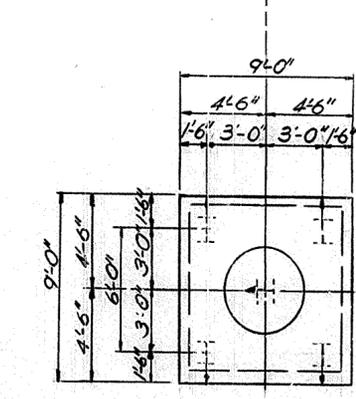
STATION 112+82 PROJECT NO. 164-2(34) SP 56-273-11L

BRIDGE NUMBER E DRAWING INDEX
NO. 16539

DESIGNED BY: J.W.H. CHECKED BY: R.H.B. DATE: 11/2/52
 DRAWN BY: C.V.D.B. CHECKED BY: W.H.H. DATE: 2/6/53
 TRACED BY: DATE:



Mark	Type	Size	N ^o Reqd	Length	Location	a	b	c
				ft in		ft in	ft in	ft in
3P1	1	#8		10 8	Footing	8	6	0 9
3P2	Str	#11	12	22 9	Column	-	-	-
3P3	T3	#4	2	12 10	Footing	3	7	-
3P4	22	#1	24	9 6	Footing	7	11	2 1 0 2
3P5	T5	#4	1	30 4	Column	3	7	-
3P6	17	#6	30	13 6	"	2	6	0 6
3P7	1	#10	15	14 4	Footing	11	6	1 0 0 11 4
3P8	T3	#4	1	14 8	Footing	4	1	-
3P9	22	#1	41	9 6	Ftg & Col	7	11	1 2 1 0 2
3P10	Str	#11	12	27 3	Column	-	-	-
3P11	T5	#4	1	33 0	"	3	7	-
3P12	Str	#11	41	24 3	Column	-	-	-
3P13	T5	#4	1	34 9	"	4	1	-



ITEM	UNIT	AMT.
Concrete Class "A"	Cu. Yds.	780
Steel Reinforcement	Lbs.	14,874
Steel Piles 12 BP 53-Furnishing	Lin. Ft.	940
Steel Piles 12 BP 53-Driving	Lin. Ft.	940
Structure Excavation, Common	Cu. Yds.	87

BRIDGE OVER K61TRR AND 27TH STREET SHEET 12 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE-LEXINGTON
 ROAD

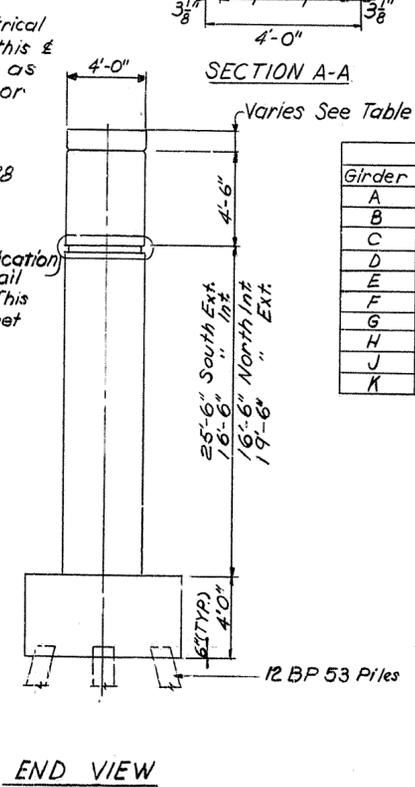
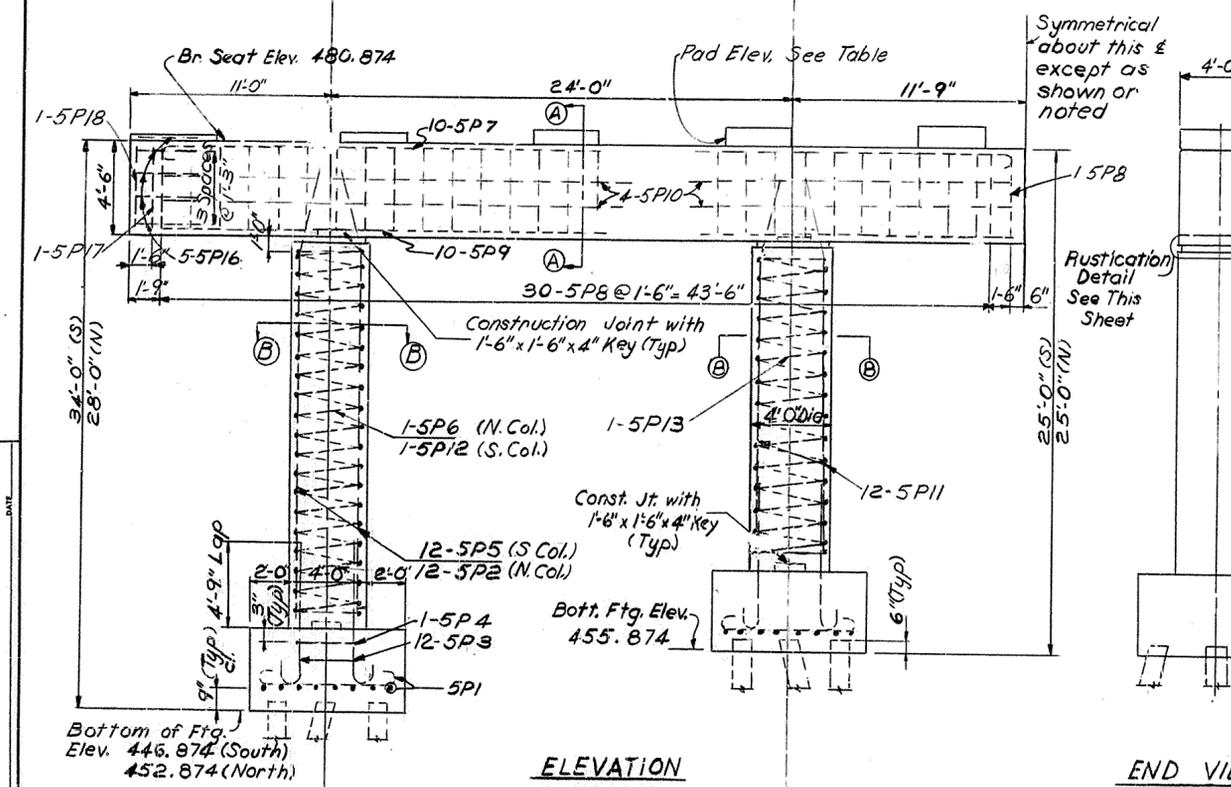
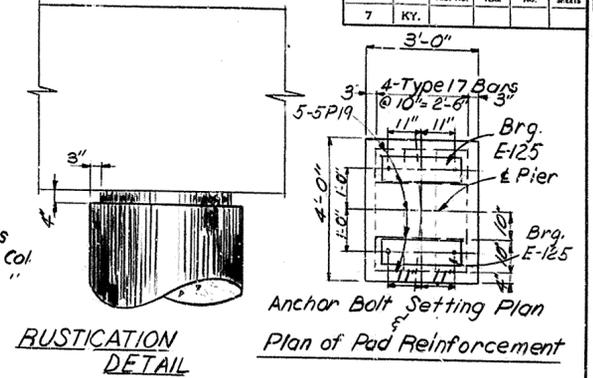
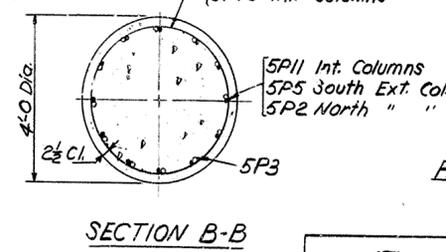
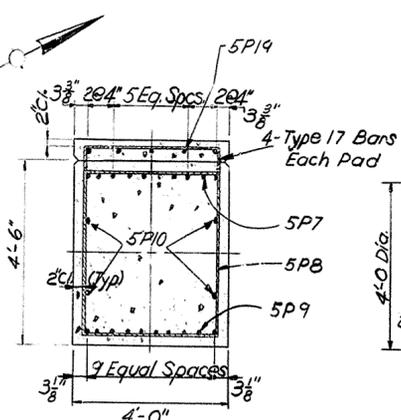
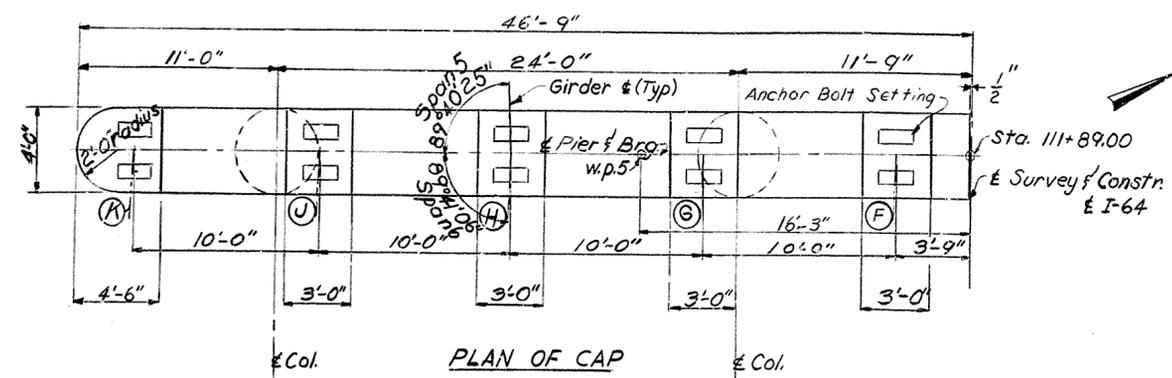
STATION 112+82 PROJECT NO. 164-2(34) SP 56-273-11L

BRIDGE NUMBER DRAWING INDEX
 NO. 16539

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 CHECKED BY: C.V.D.B. DATE: 7-2
 TRACED BY: DATE:

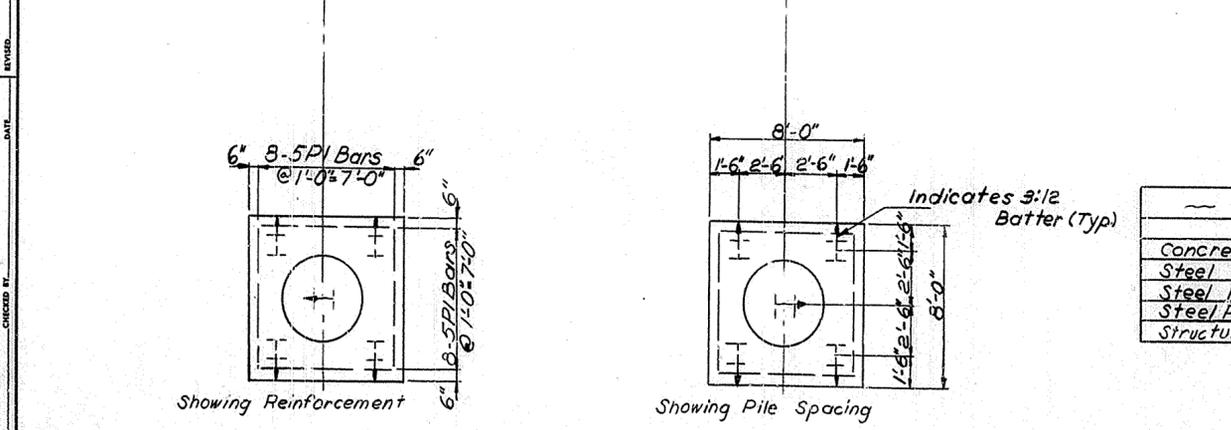
PIER 3

For NOTES see sheet #10

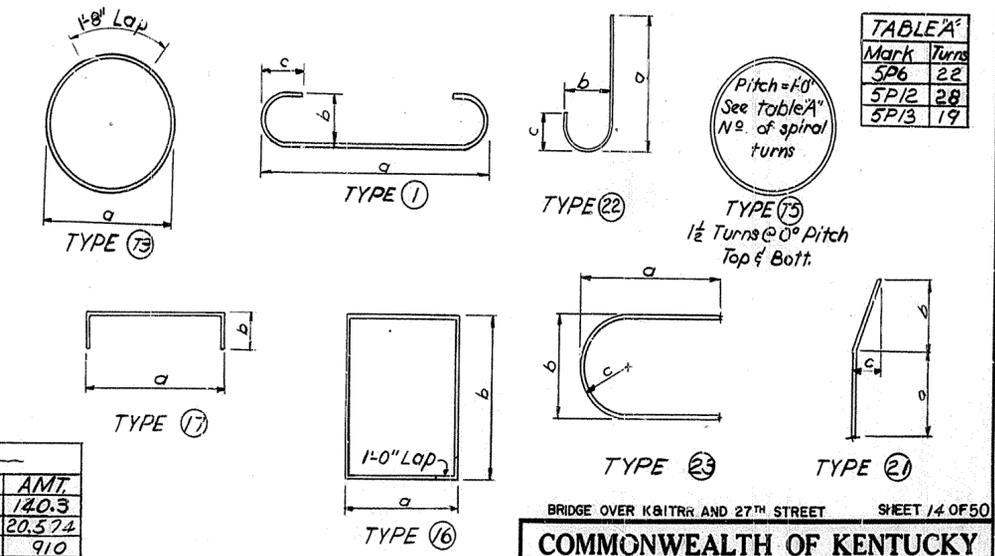


Girder	Height	Elevation	Bar Mark
A	1'-6 3/4"	482.440	5P14
B	1'-4 1/8"	482.284	"
C	1'-3"	482.128	"
D	1'-1 1/8"	481.971	"
E	11 1/4"	481.815	"
F	11 1/2"	481.659	5P15
G	9 5/8"	481.503	"
H	7 3/4"	481.347	"
J	5 7/8"	481.191	"
K	4"	481.035	"

Mark	Type	Size	N ^o Req'd	Length	Location	Dim. a'	Dim. b'	Dim. c'
			Pier 5	Ft. In.		Ft. In.	Ft. In.	Ft. In.
5P1	1	#8	64	9 8	Footing	7 6 0	10 0 9	
5P2	21	#11	12	22 8	Column	18 6 4	0 1 0	
5P3	22	#11	48	9 6	Ftg. Col.	7 11 1	2 1 0	
5P4	73	#4	4	12 10	Footing	3 7	-	-
5P5	21	#11	12	28 8	Column	24 6 4	0 1 0	
5P6	75	#4	1	245 8	"	3 7	-	-
5P7	1	#11	20	47 11	Cap	44 9 1	2 1 0	
5P8	16	#5	62	16 6	"	3 8 4	2	-
5P9	Str.	#9	20	44 9	"	44 9	-	-
5P10	Str.	#4	8	44 9	"	44 9	-	-
5P11	21	#11	24	19 8	Column	15 6 4	0 1 0	
5P12	75	#4	1	312 8	"	3 7	-	-
5P13	75	#4	2	212 2	"	3 7	-	-
5P14	17	#6	20	9 8	Cap	5 8 3	0	-
5P15	17	#4	20	8 8	"	3 8	3 6	-
5P16	23	#4	10	8 2	"	3 1 3	8 1 10	
5P17	16	#5	2	16 2	"	3 6 4	2	-
5P18	Str.	#4	2	4 2	"	4 2	-	-
5P19	Str.	#4	50	2 8	Pad	2 8	-	-



ITEM	UNIT	AMT.
Concrete Class "A"	Cu. Yds.	140.3
Steel Reinforcement	Lbs.	20,574
Steel Piles-12 BP 53-Furnishing	Lin. Ft.	910
Steel Piles-12 BP 53-Driving	Lin. Ft.	910
Structure Excavation, Common	Cu. Yds.	90



DESIGNED BY: C.K.
CHECKED BY: C.V.D.B.
DATE: 2-11-52
REVISED: 10-10-52

For NOTES see sheet #10

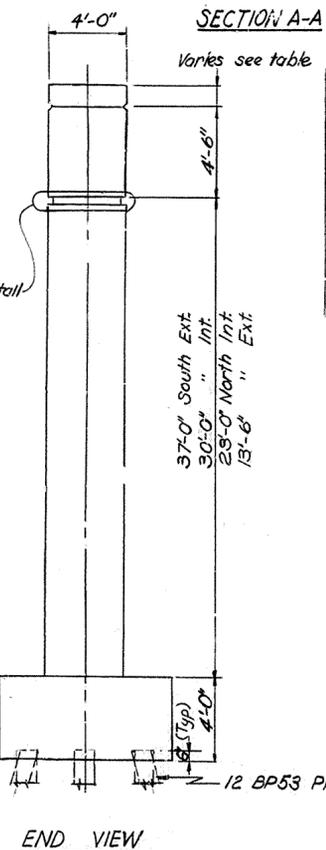
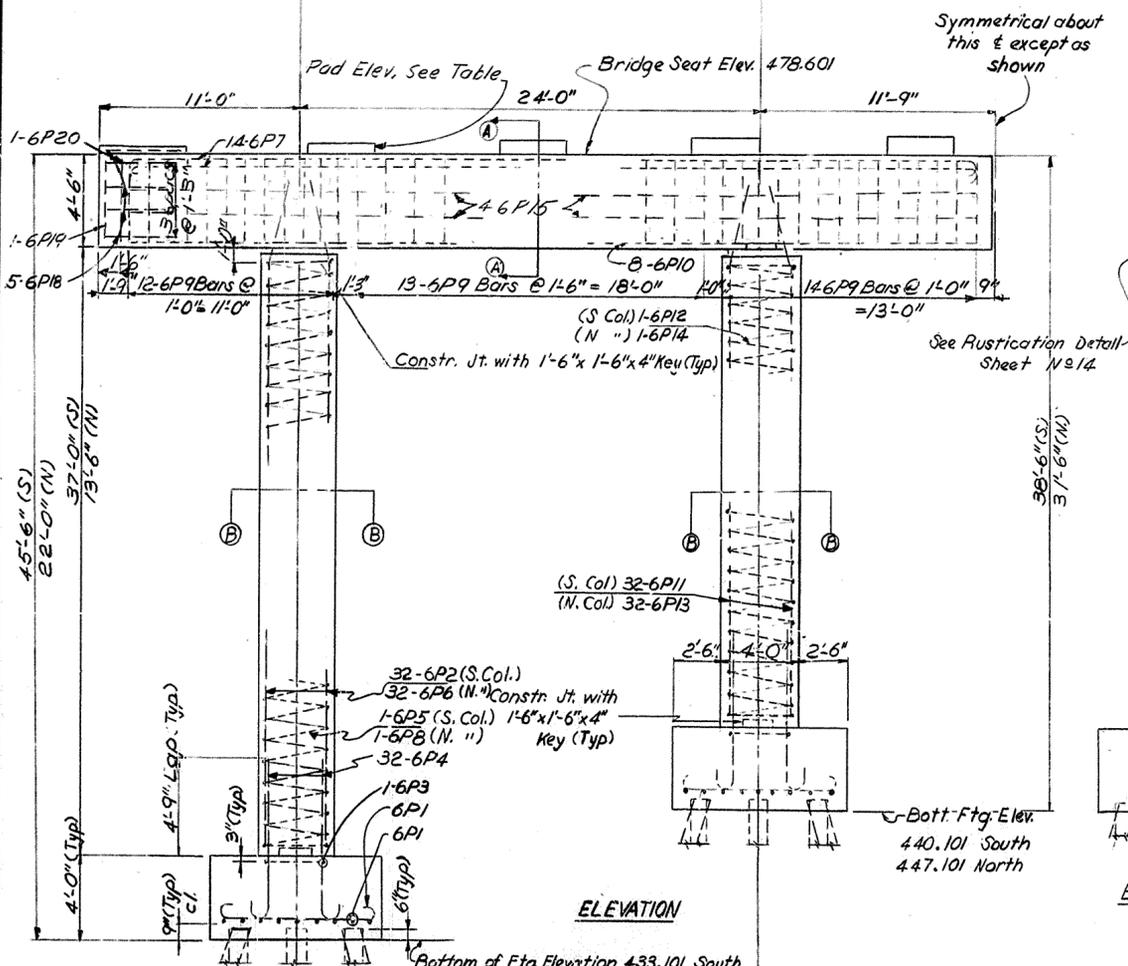
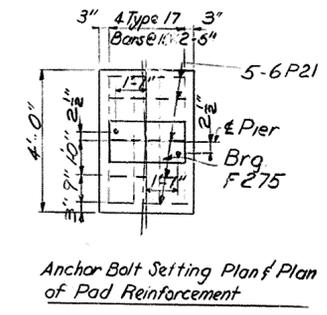
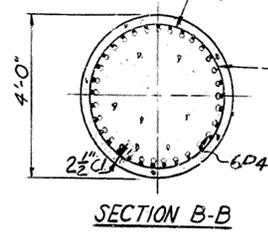
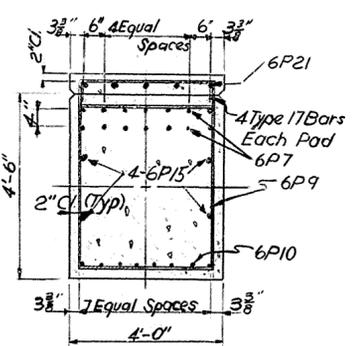
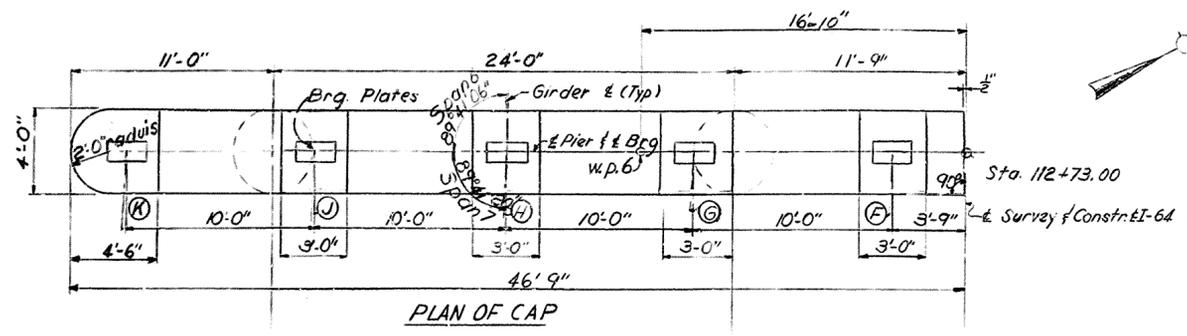
PIER 5

BRIDGE OVER K81TRR AND 27TH STREET SHEET 14 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
I64-CEDAR GROVE TERRACE TO BTH STREET
LOUISVILLE-LEXINGTON
ROAD

STATION I12+82 PROJECT NO. I64-2(34)1

BRIDGE NUMBER DRAWING INDEX
MI. 16539

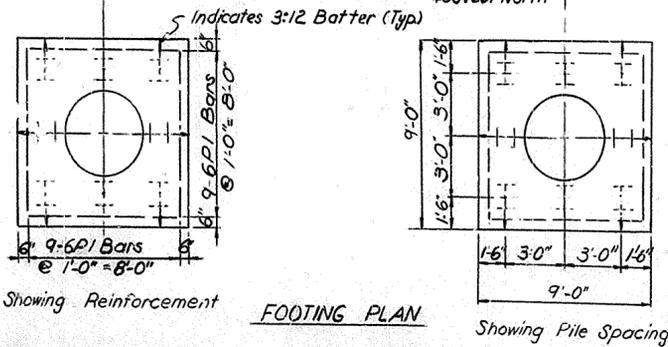
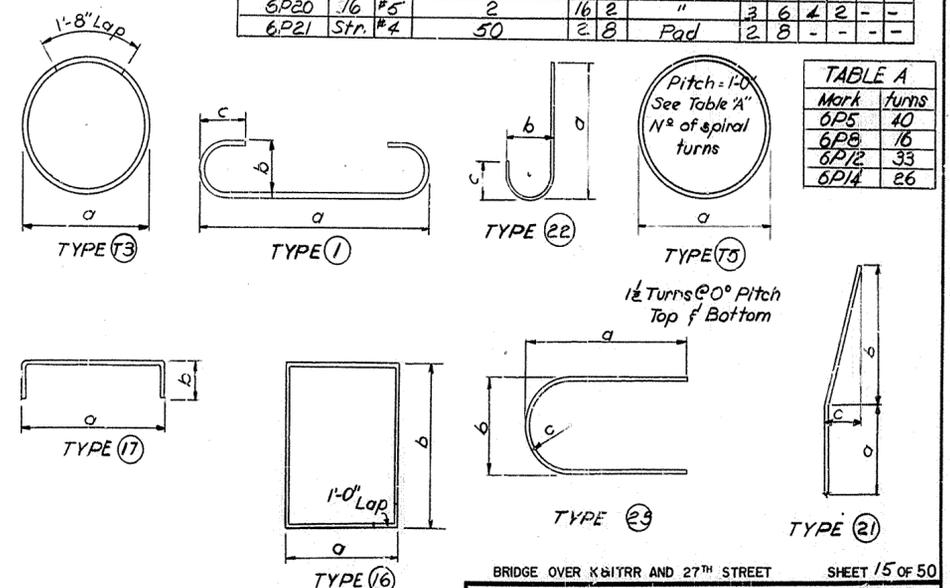


PAD TABLE

Girder	Height	Elevation	Bar Mark
A	1-6 3/4"	480.166	6P16
B	1-4 1/8"	480.000	"
C	1-3"	479.854	"
D	1-1 1/2"	479.698	"
E	1 1/2"	479.542	"
F	1 1/2"	479.558	6P17
G	9 3/8"	479.402	"
H	1 3/4"	479.246	"
J	5 3/8"	479.090	"
K	4"	478.434	"

BILL OF REINFORCEMENT

Mark	Type	Size	N ^o Reqd.	Length	Location	Dim. 'a'	Dim. 'b'	Dim. 'c'
						ft. in.	ft. in.	ft. in.
PIER 6								
6P1	1	#8	72	10 8	Footing	8 6	0 10	0 9
6P2	21	#11	32	40 2	Column	36 0	4 0	1 0
6P3	73	#4	4	12 1	Footing	3 4	-	-
6P4	22	#11	128	9 6	Ftg. & Col.	7 11	1 2	1 0
6P5	75	#4	1	435 7	Column	3 7	-	-
6P6	21	#11	32	16 8	"	12 6	4 0	1 0
6P7	1	#11	28	47 11	Cap	44 9	1 2	1 0
6P8	75	#4	1	178 6	Column	3 7	-	-
6P9	16	#5	78	16 6	Cap	3 8	4 2	-
6P10	Str.	#11	16	44 9	"	-	-	-
6P11	21	#11	32	33 2	Column	29 0	4 0	1 0
6P12	75	#4	1	35 2	"	3 7	-	-
6P13	21	#11	32	26 2	"	22 0	4 0	1 0
6P14	75	#4	1	27 0	"	3 7	-	-
6P15	Str.	#4	8	44 9	Cap	4 9	-	-
6P16	17	#6	20	9 8	Cap	3 8	3 0	-
6P17	17	#4	20	8 8	"	3 8	2 6	-
6P18	23	#4	10	8 6	"	3 1	3 8	1 10
6P19	Str.	#4	2	4 2	"	4 2	-	-
6P20	16	#5	2	16 2	"	3 6	4 2	-
6P21	Str.	#4	50	2 8	Pad	2 8	-	-



ESTIMATE OF QUANTITIES

ITEM	UNIT	AMOUNT
Concrete Class "A"	Cu. Yds.	162.2
Steel Reinforcement	LBS.	42,232
Steel Piles-12 BP53-Furnishing	Lin. Ft.	1060
Steel Piles-12 BP53-Driving	Lin. Ft.	1060
Structure Excavation, Common	Cu. Yds.	107

BRIDGE OVER K&Y R.R. AND 27TH STREET SHEET 15 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF JEFFERSON

164- CEDAR GROVE TERRACE TO 13TH STREET
 LEXINGTON - LEXINGTON ROAD

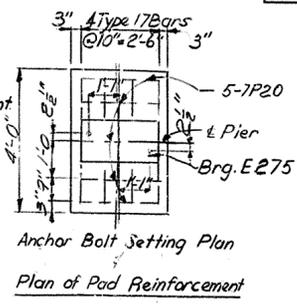
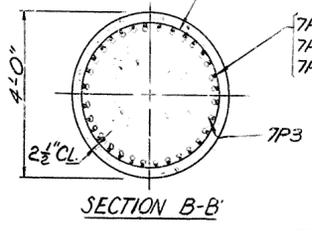
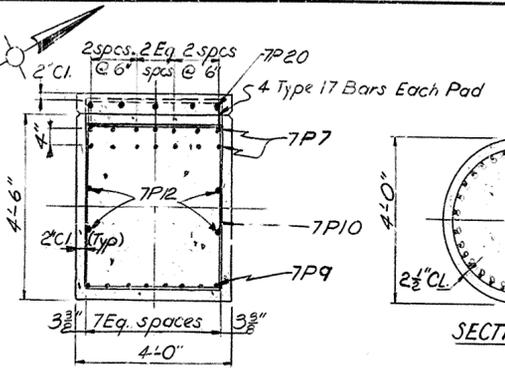
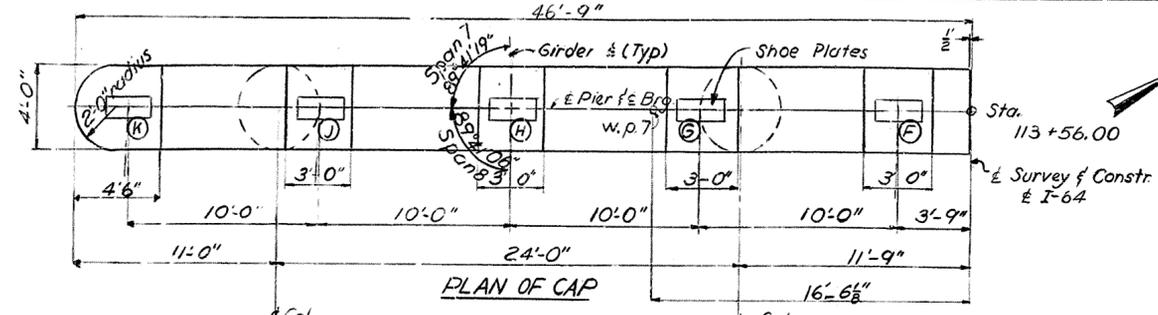
STATION 112+82 PROJECT NO. 164-2(34)

BRIDGE NUMBER DRAWING INDEX
 No. 165 39

PIER 6

For NOTES see sheet #10

DESIGNED BY: J.M.W. CHECKED BY: C.K. DATE: 8-24-54
 DRAWN BY: C.V.D.B. CHECKED BY: C.K. DATE: 8-24-54
 MADE BY: C.V.D.B. CHECKED BY: C.K. DATE: 8-24-54

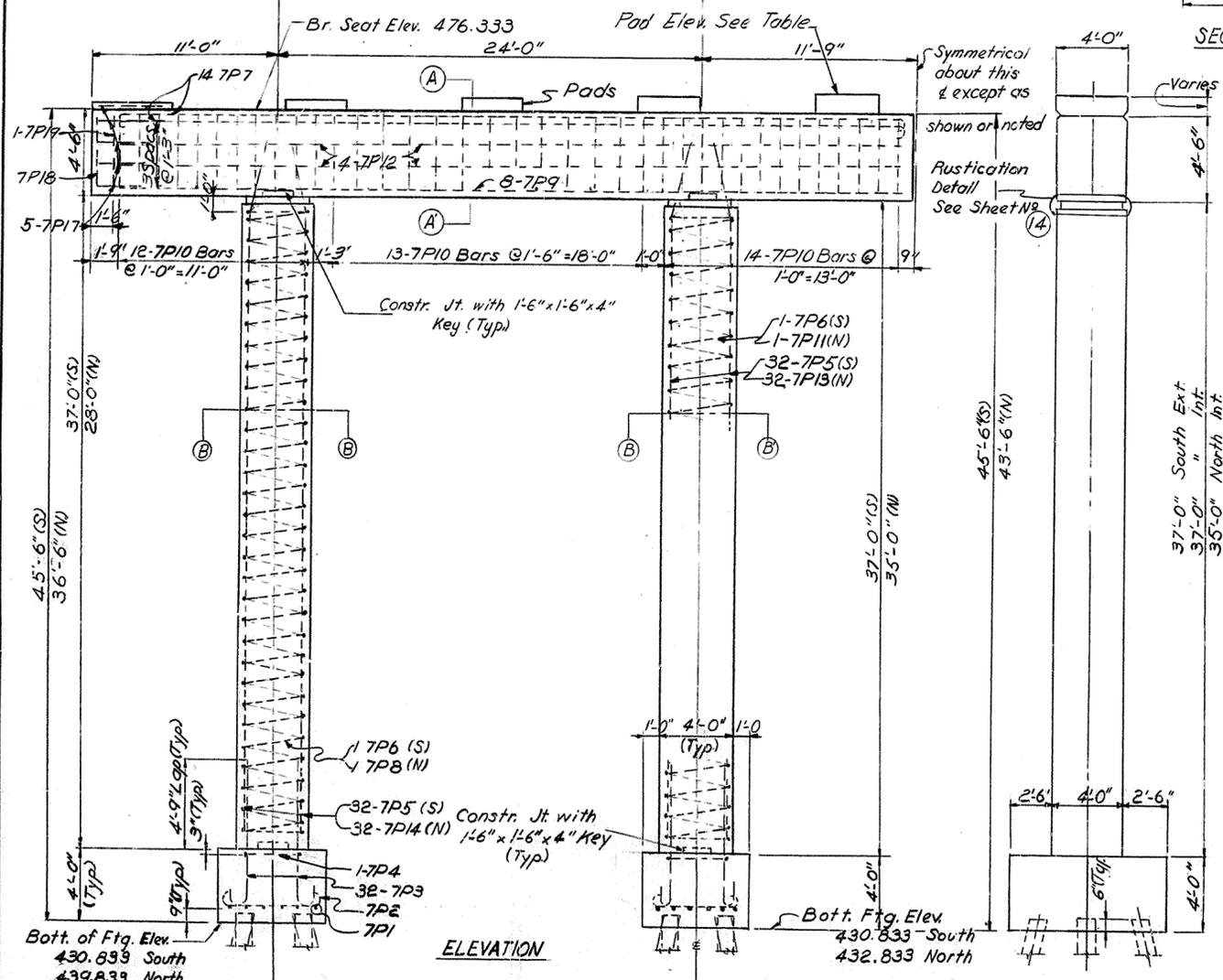


BILL OF REINFORCEMENT

Mark	Type	Size	N ^o Reqd	Length	Location	a			b			c		
						ft.	in	ft.	in	ft.	in	ft.	in	
7P1	1	#8	24	10 8	Footing	8	6	0	10	0	9			
7P2	1	#8	36	7 8	"	5	6	7	10	0	9			
7P3	22	#11	128	9 6	Frst. Col.	3	5 1/2							
7P4	73	#4	4	11 10	Footing	3	5 1/2							
7P5	21	#11	64	10 2	Column/ Cap	36	0	4	0	1	0			
7P6	75	#4	2	435 4	Column	3	7							
7P7	1	#11	28	47 11	Cap	44	9	1	2	1	0 1/2			
7P8	75	#4	1	335 0	Column	3	7							
7P9	Str.	#11	16	44 9	Cap									
7P10	16	#5	78	16 6	"	3	8	4	2					
7P11	75	#4	1	413 2	Column	3	7							
7P12	Str.	#4	8	44 9	Column/ Cap	44	9							
7P13	21	#11	32	38 2	Column	34	0	4	0	1	0			
7P14	21	#11	32	31 2	"	27	0	4	0	1	0			
7P15	17	#6	20	9 8	Cap	3	8	3	0					
7P16	17	#4	20	8 8	"	3	8	2	6					
7P17	23	#4	10	8 2	"	3	1	3	8	1	10			
7P18	Str.	#4	2	4 2	"	4	2							
7P19	16	#5	2	16 2	"	3	6	4	2					
7P20	Str.	#4	50	2 8	Pad	2	8							

PAD TABLE

Girder	Height	Elevation	Bar Mark
A	1-6 1/2"	477.899	7P15
B	1-4 3/4"	477.743	"
C	1-3"	477.587	"
D	1-1 1/2"	477.431	"
E	1 1/2"	477.275	"
F	1 1/2"	477.290	7P16
G	9 3/8"	477.134	"
H	7 1/2"	476.978	"
J	5 3/8"	476.822	"
K	4"	476.666	"



Symmetrical about this & except as shown or noted

Rustication Detail See Sheet No. 14

Varies see table

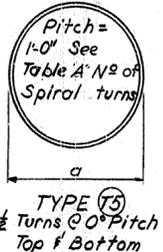
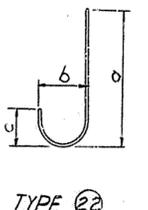
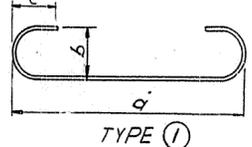
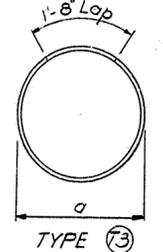
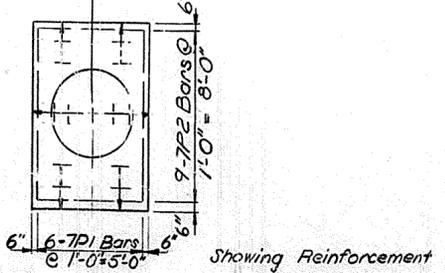
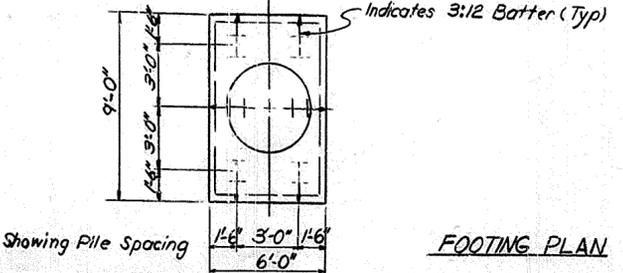
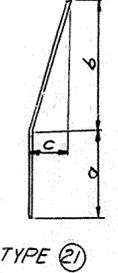
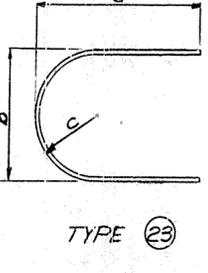
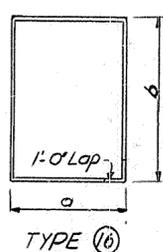
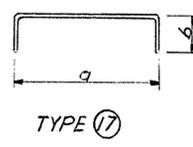


TABLE A'

Mark	Turns
7P6	39
7P8	30
7P11	37



ESTIMATE OF QUANTITIES

ITEM	UNIT	AMOUNT
Concrete Class A	Cu. Yds.	161.6
Steel Reinforcement	Lbs.	47,545
Steel Piles-12 BP53-Furnishing	Lin. Ft.	612
Steel Piles-12 BP53-Dripping	Lin. Ft.	612
Structure Excavation, Common	Cu. Yds	80

For Notes See Sheet No. 18.

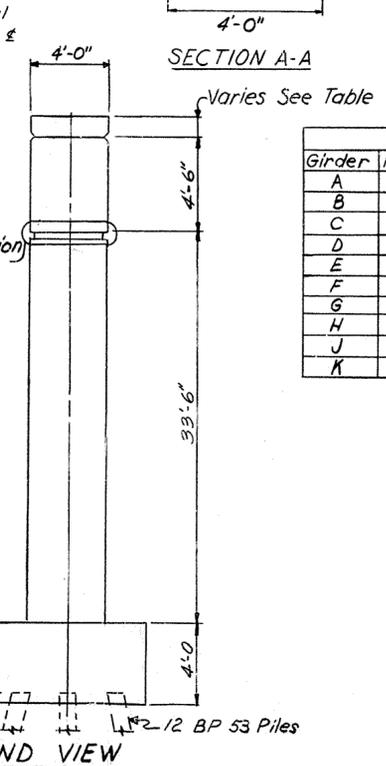
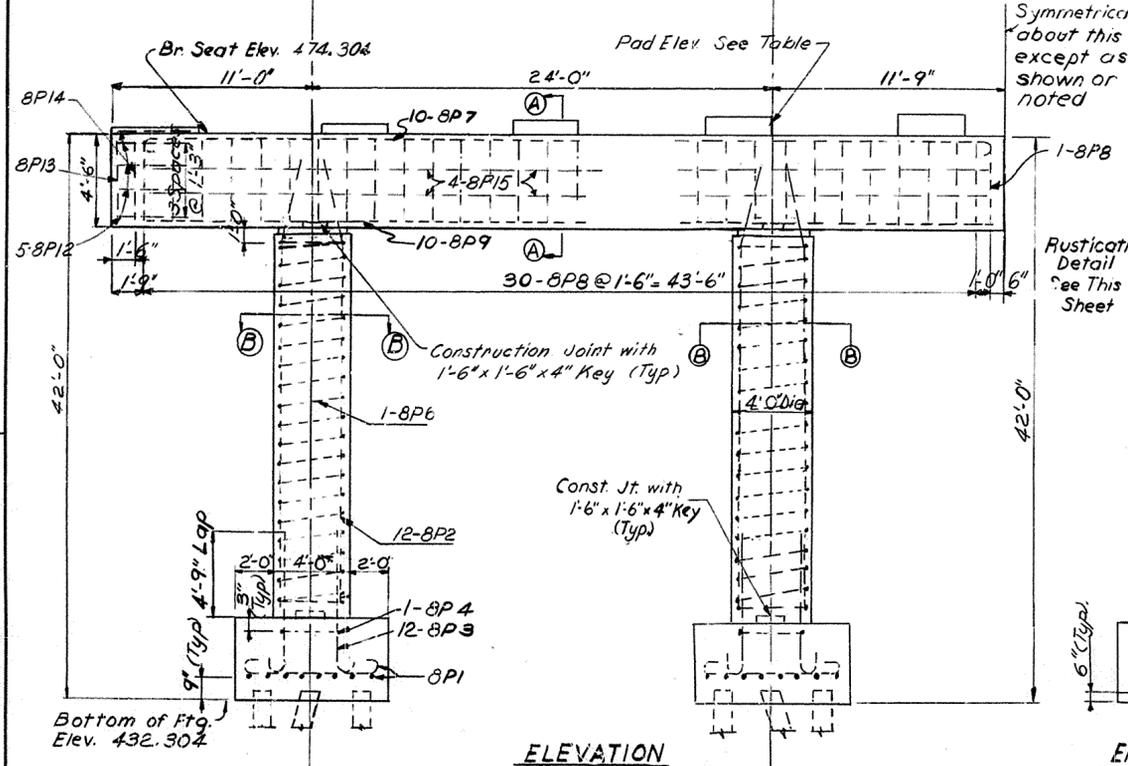
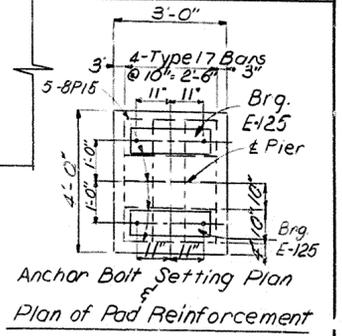
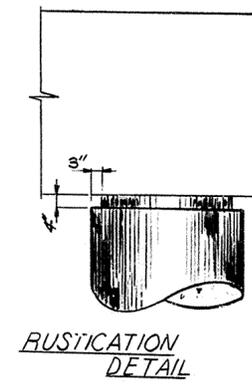
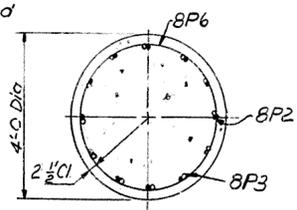
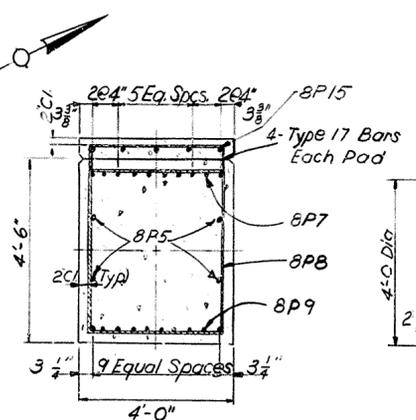
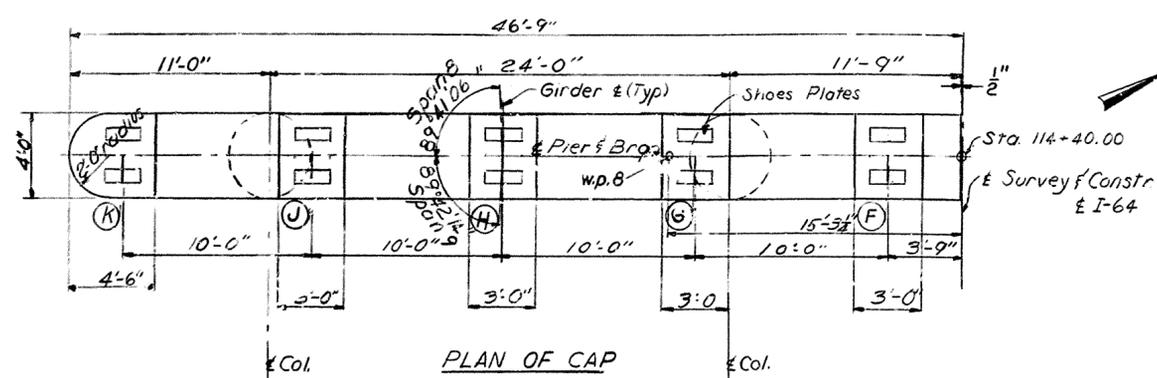
BRIDGE OVER K&BT&R AND 27TH STREET SHEET 16 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
164- CEDAR GROVE TERRACE TO 13TH STREET
LOUISVILLE-LEXINGTON
ROAD

STATION 112+82 PROJECT NO. 164-2(34)

BRIDGE NUMBER DRAWING NO. 16539 INDEX

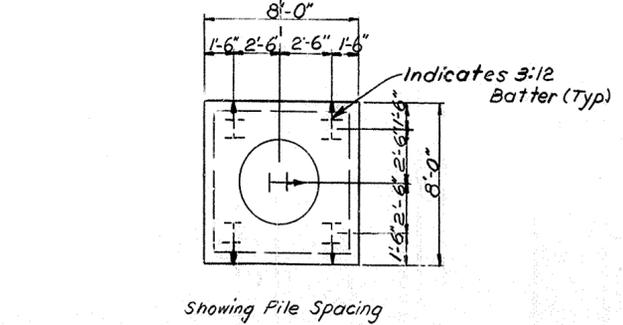
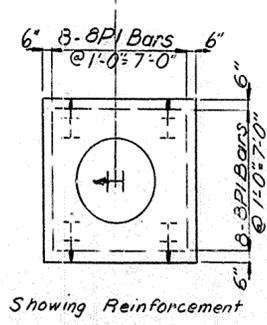
PIER 7



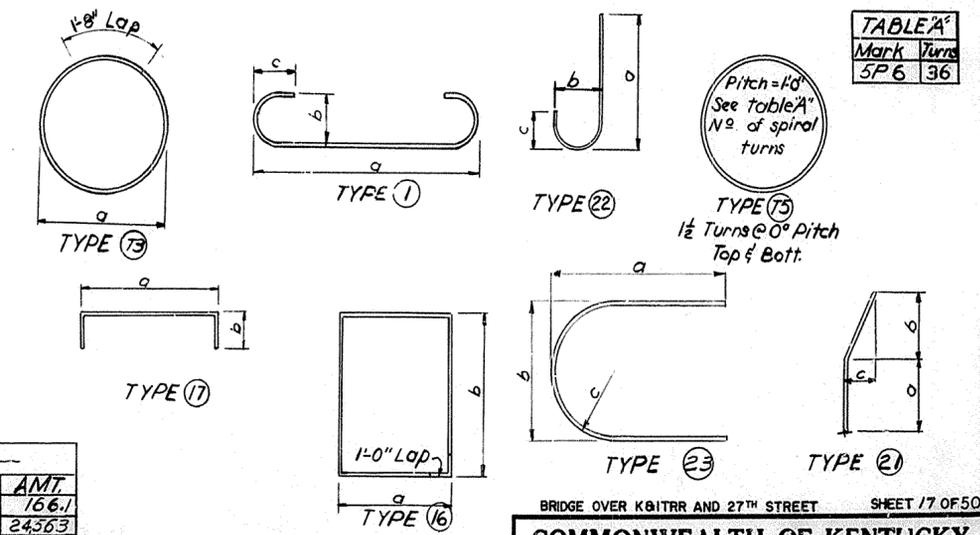
Girder	Height	Elevation	Bar Mark
A	1'-6 3/4"	475.870	8P10
B	1'-4 7/8"	475.714	"
C	1'-3"	475.558	"
D	1'-1 1/2"	475.402	"
E	11 1/4"	475.245	"
F	11 1/2"	475.261	8P11
G	9 3/4"	475.105	"
H	7 3/4"	474.949	"
J	5 7/8"	474.793	"
K	4"	474.637	"

Mark	Type	Size	No. Reqd.	Length	Location	Dim. a' Dim. b' Dim. c'		
						Ft. In.	Ft. In.	Ft. In.
8P1	1	#8	64	9 8	Footng	7 6	0 10	0 9
8P2	21	#11	48	36 8	Column	32 6	4 0	1 0
8P3	22	#11	48	9 6	Frq. & Col.	7 11	1 2	1 0 3/4
8P4	T3	#4	4	12 10	Footng	3 7	-	-
8P5	Str.	#4	8	44 9	Cap	44 9	-	-
8P6	T5	#4	4	40 0	Column	3 7	-	-
8P7	1	#11	20	47 11	Cap	44 9	1 2	1 0 3/4
8P8	16	#5	62	16 6	"	3 6	4 2	-
8P9	Str.	#9	20	44 9	"	-	-	-
8P10	17	#6	20	9 8	"	3 8	3 9	-
8P11	17	#4	20	8 8	"	3 8	2 6	-
8P12	23	#4	10	8 2	"	3 1	3 8	1 10
8P13	Str.	#4	2	4 2	"	4 2	-	-
8P14	16	#5	2	16 2	"	3 6	4 2	-
8P15	Str.	#4	50	2 8	Pad	2 8	-	-

DESIGNED BY: C.V.D.B. DATE: 11-1-58
 CHECKED BY: C.V.D.B. DATE: 11-3-58
 TRACED BY: DATE: 11-3-58
 REVISIONS: DATE: 11-3-58
 DATE: 11-3-58



ITEM	UNIT	AMT.
Concrete Class 'A'	Cu. Yds.	166.1
Steel Reinforcement	Lbs.	24,563
Steel Piles 12 BP 53 - Furnishing	Lin. Ft.	540
Steel Piles 12 BP 53 - Driving	Lin. Ft.	540
Structural Excavation, Common	Cu. Yds.	90



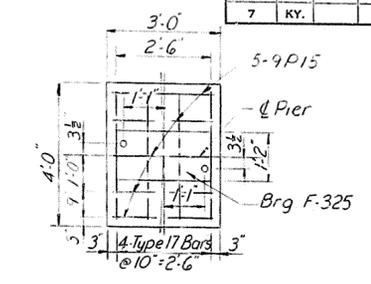
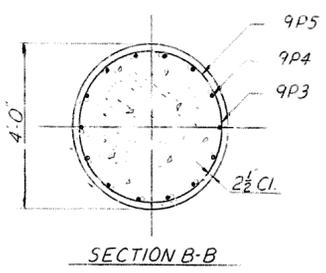
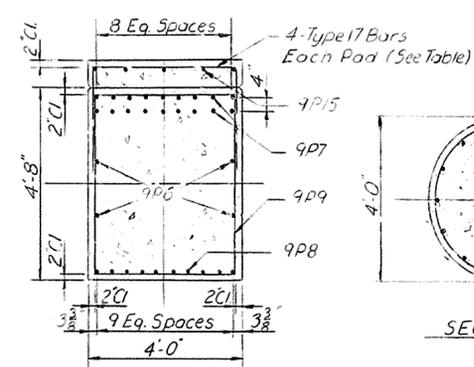
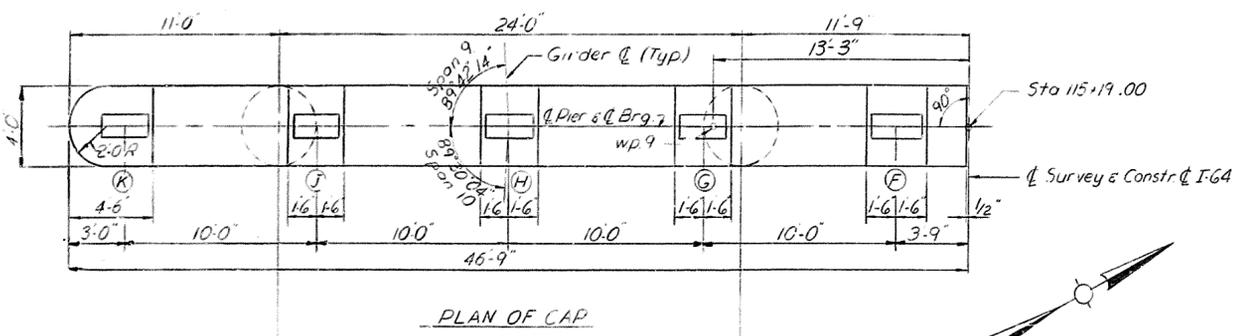
BRIDGE OVER K&ITRR AND 27TH STREET SHEET 17 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(341)
 SP 56-273-11L
 BRIDGE NUMBER DRAWING INDEX
 NO. 16539

PIER 8

For NOTES see sheet #18.



PLAN OF CAP

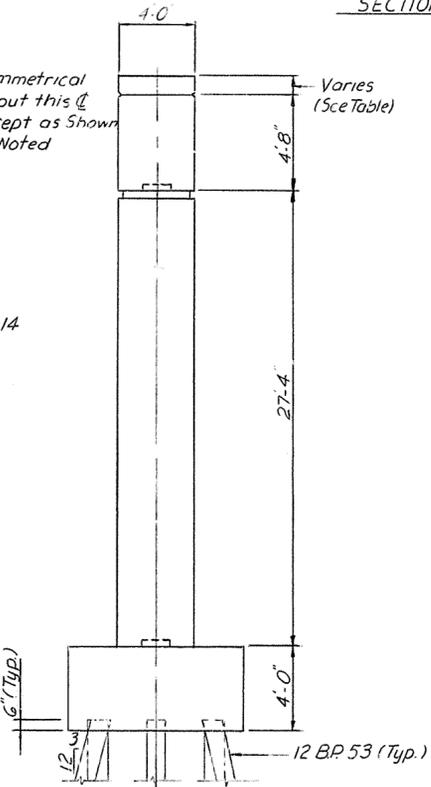
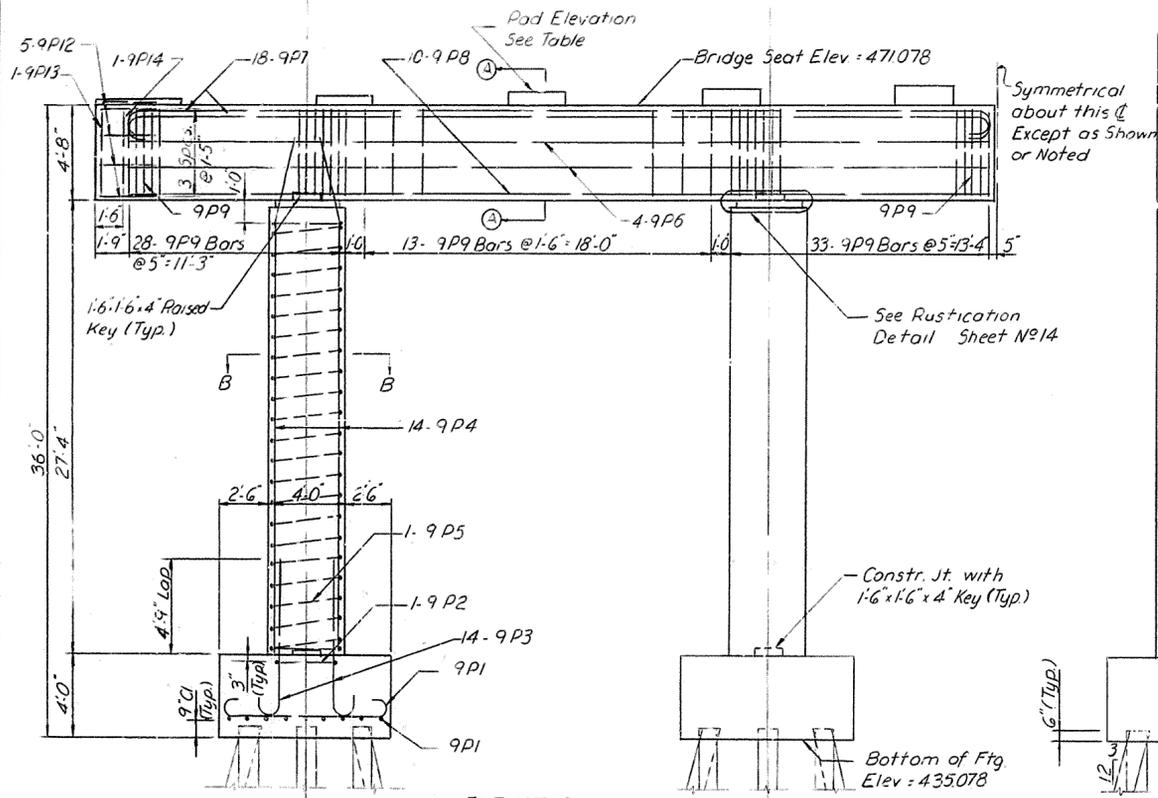
SECTION A-A

SECTION B-B

ANCHOR BOLT SETTING PLAN & PLAN OF PAD REINFORCEMENT

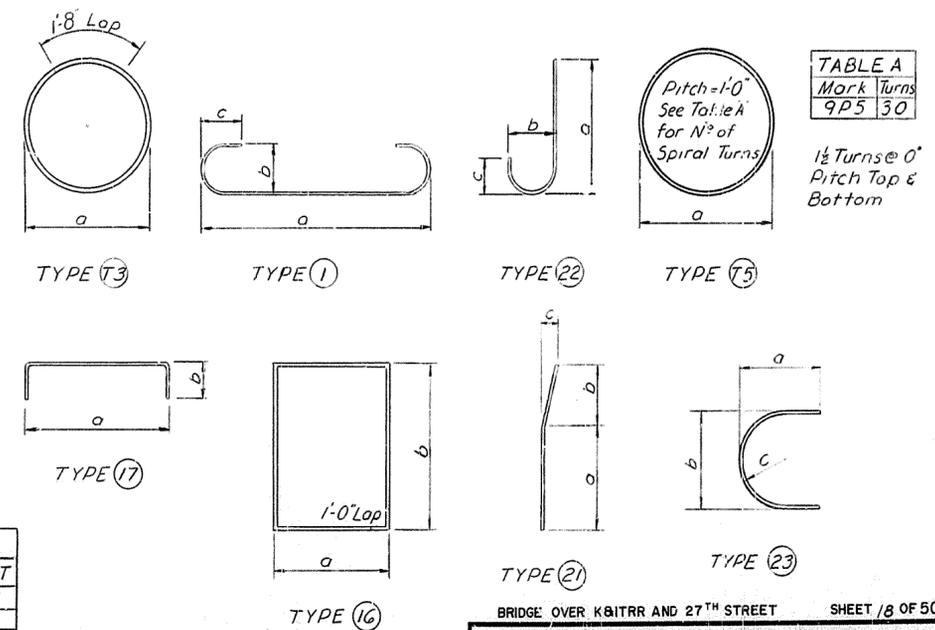
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9P2	T3	#4	4	12 10	"	3	7	- - -
9P3	22	#11	36	9 6	Ftg. & Col.	7	11	1 2 1 0 3/4
9P4	21	#11	56	30 6	Column	26	4	4 0 1 0
9P5	T5	#4	4	53 0	Column	3	7	- - -
9P6	Str	#4	8	44 9	Cap	-	-	- - -
9P7	1	#11	36	47 11	Cap	44	9	1 2 1 0 3/4
9P8	Str	#11	20	44 9	"	-	-	- - -
9P9	16	#5	148	16 10	Cap	3	8	4 4 - -
9P10	17	#6	20	9 8	"	3	8	3 0 - -
9P11	17	#4	20	8 8	"	3	8	2 6 - -
9P12	23	#4	10	3 2	"	3	1	3 8 1 10
9P13	Str	#4	2	4 4	"	-	-	- - -
9P14	16	#5	2	16 6	"	3	6	4 4 - -
9P15	Str	#4	50	2 8	Pad	-	-	- - -

GIRDER	Ht.	Elev.	Bar Mark
A	1'-6 3/4"	472644	9P10
B	1'-4 3/4"	472488	"
C	1'-3"	472332	"
D	1'-1 1/2"	472176	"
E	11 1/2"	472020	"
F	11 1/2"	472036	9P11
G	9 3/4"	471880	"
H	7 3/4"	471724	"
J	5 3/4"	471568	"
K	4"	471412	"



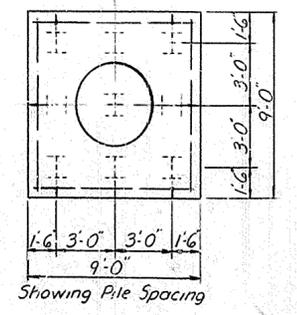
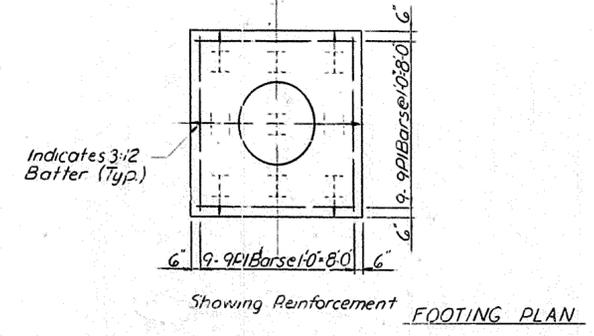
ELEVATION

END VIEW



ITEM	UNIT	AMOUNT
Concrete Class A	Cu. Yds.	161.6
Steel Reinforcement	Lbs.	32239
Steel Piles-12 BP53 - Furnishing	Lin. Ft.	1008
Steel Piles-12 BP53 - Driving	Lin. Ft.	1008
Structure Excavation, Common	Cu. Yds.	107

NOTES
 Bars in top of cap are to be accurately located in accordance with the plans so that they do not interfere with drilling of Anchor Bolt holes.
 For Anchor Bolt details see sheet No. 33
 For Test Pile Location see sheet No. 50



FOOTING PLAN

Showing Pile Spacing

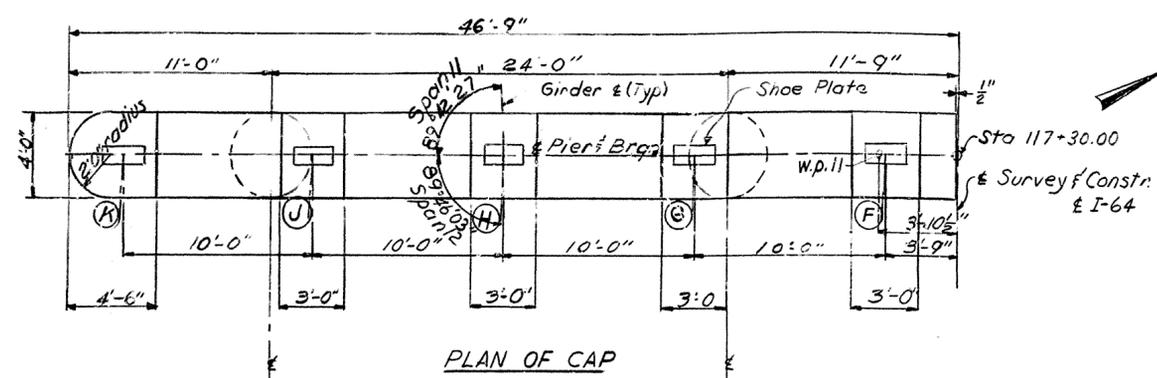
DESIGNED BY: J.M.H. CHECKED BY: C.K. DATE: 1/25/54
 DRAWN BY: J.M.H. CHECKED BY: J.M.H. DATE: 1/25/54
 TRACED BY: C.K. DATE: 1/25/54

BRIDGE OVER K&TRR AND 27TH STREET SHEET 18 OF 50

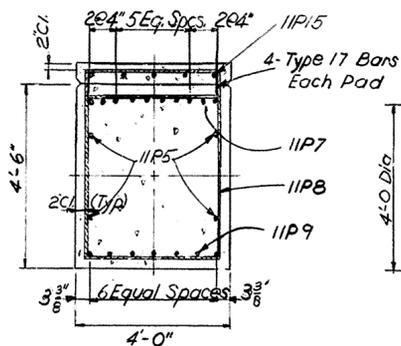
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD S.P. 56-273-11L

STATION 112+82 PROJECT NO. 164-2(34)
 BRIDGE NUMBER DRAWING NO. 16539

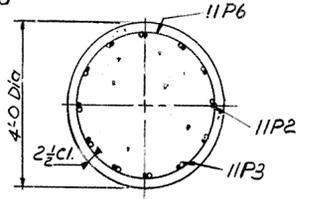
PIER 9



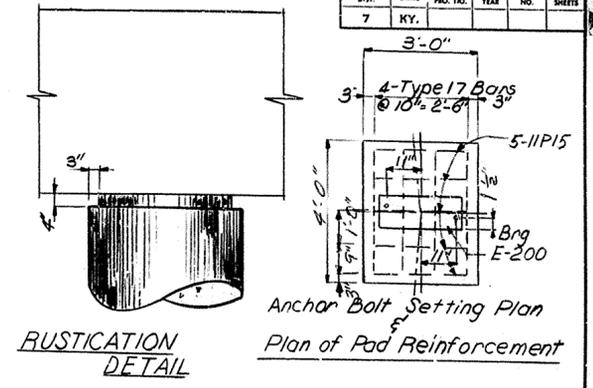
PLAN OF CAP



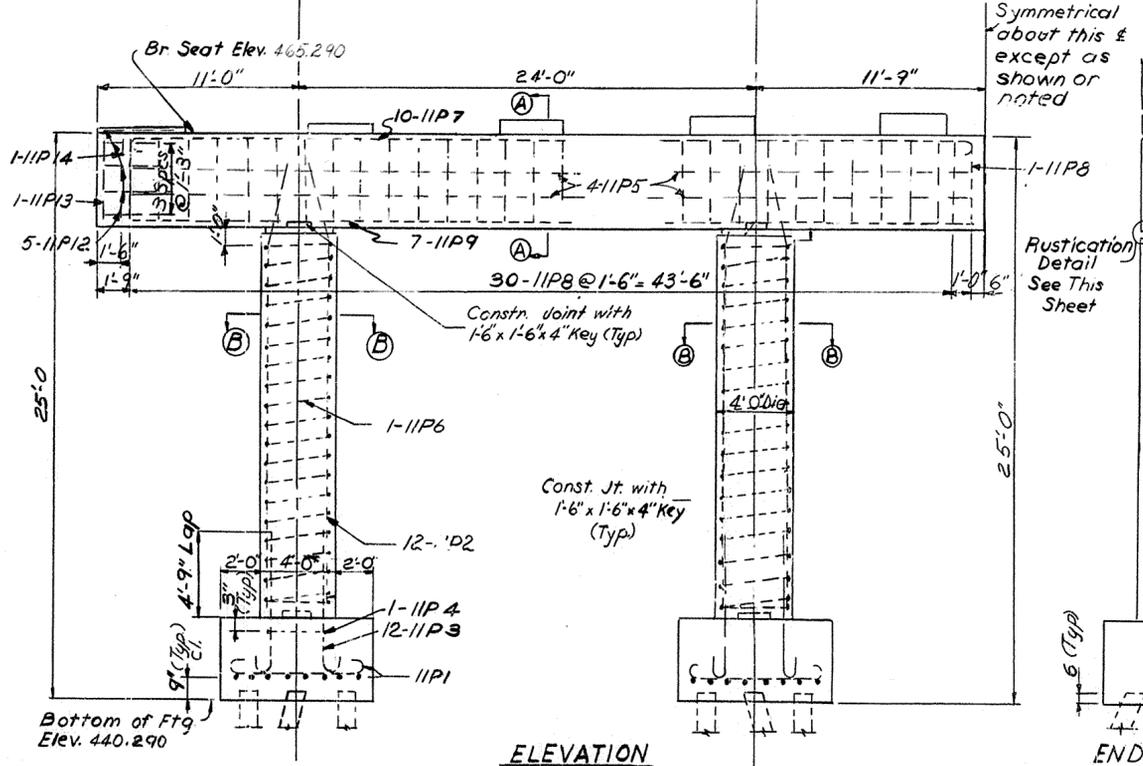
SECTION A-A



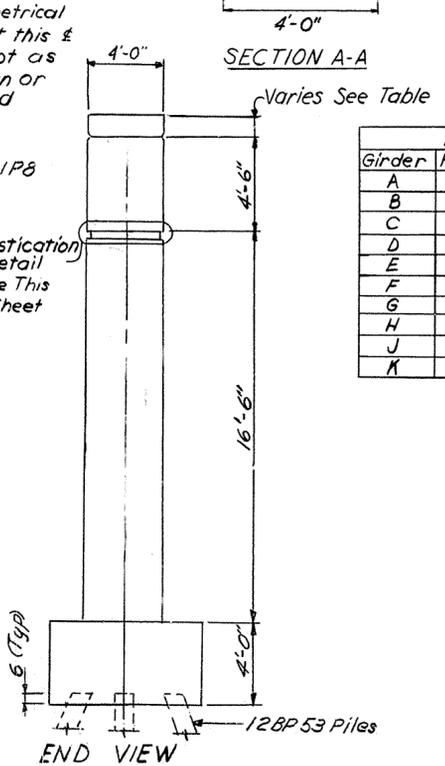
SECTION B-B



Anchor Bolt Setting Plan
Plan of Pad Reinforcement



ELEVATION



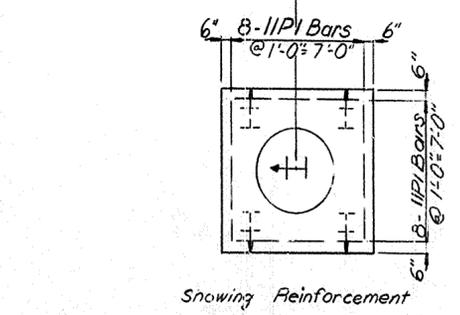
END VIEW

PAD TABLE

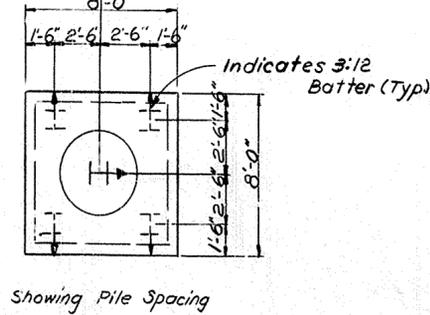
Girder	Height	Elevation	Bar Mark
A	1'-6 1/2"	466.856	IIP10
B	1'-4 1/2"	466.700	"
C	1'-3"	466.544	"
D	1'-1 1/2"	466.388	"
E	1 1/2"	466.232	"
F	1 1/2"	466.247	IIP11
G	9 1/2"	466.091	"
H	7 1/2"	465.935	"
J	5 3/8"	465.779	"
K	4"	465.623	"

BILL OF REINFORCEMENT

Mark	Type	Size	N ^o Reqd.	Length		Location	Dim's					
				Ft.	In.		Ft.	In.	Ft.	In.		
IIP1	1	#8	64	9	8	Footng	7	6	0	10	0	0
IIP2	21	#11	48	19	8	Column	15	6	4	0	1	0
IIP3	2	#11	48	9	6	Ftg. Col.	7	11	1	2	1	0
IIP4	T3	#4	4	12	10	Footng	3	7	-	-	-	-
IIP5	Str.	#4	8	44	9	Cap	44	9	-	-	-	-
IIP6	T5	#4	4	212	0	Col. Cap	3	7	-	-	-	-
IIP7	1	#11	20	47	11	Cap	44	9	1	2	1	0
IIP8	16	#5	62	16	6	"	3	6	4	2	-	-
IIP9	Str.	#11	14	44	9	"	-	-	-	-	-	-
IIP10	17	#6	20	9	8	"	3	8	3	0	-	-
IIP11	17	#4	20	8	8	"	3	8	2	6	-	-
IIP12	23	#4	10	8	2	"	3	1	3	8	1	10
IIP13	Str.	#4	2	4	2	"	4	2	-	-	-	-
IIP14	16	#5	2	16	2	"	3	6	4	2	-	-
IIP15	Str.	#4	50	2	8	Pad	2	8	-	-	-	-



FOOTING PLAN



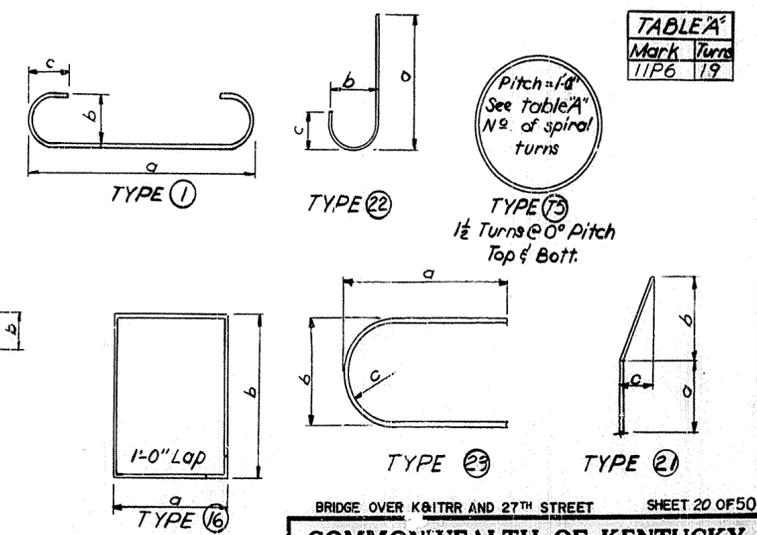
Showing Pile Spacing

ESTIMATE OF QUANTITIES

ITEM	UNIT	AMT.
Concrete Class "A"	Cu. Yds.	134.5
Steel Reinforcement	Lbs.	20,007
Steel Piles-12 BP53-Furnishing	Lin. Ft.	600
Steel Piles-12 BP53-Driving	Lin. Ft.	600
Structure Excavation, Common	Cu. Yds.	90

For NOTES see sheet #19

PIER II



BRIDGE OVER K&ITRR AND 27TH STREET SHEET 20 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
164-CEDAR GROVE TERRACE TO 13TH STREET
LOUISVILLE-LEXINGTON
ROAD

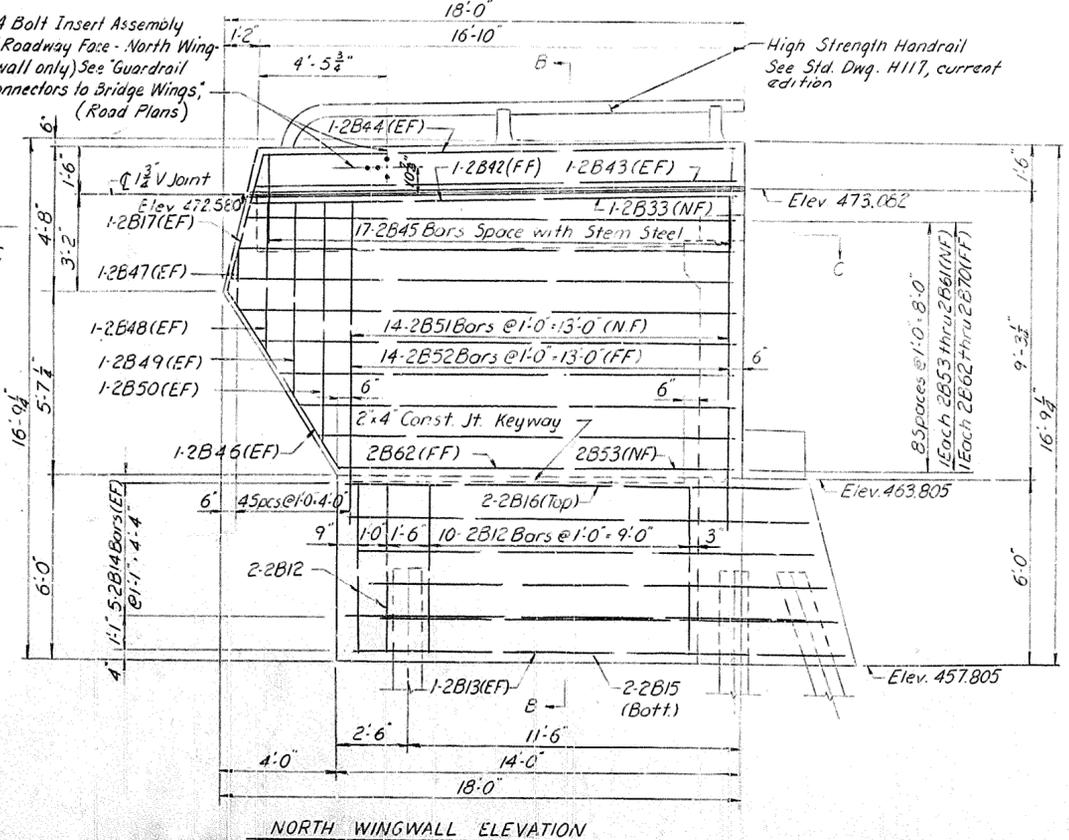
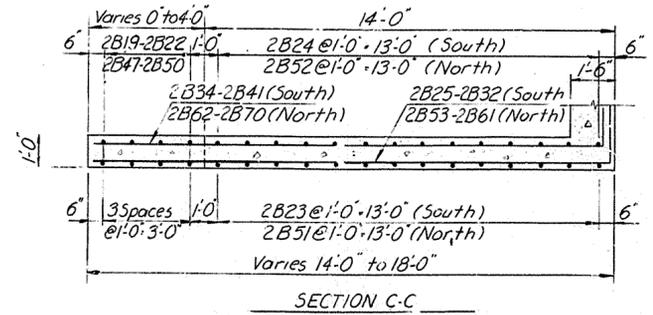
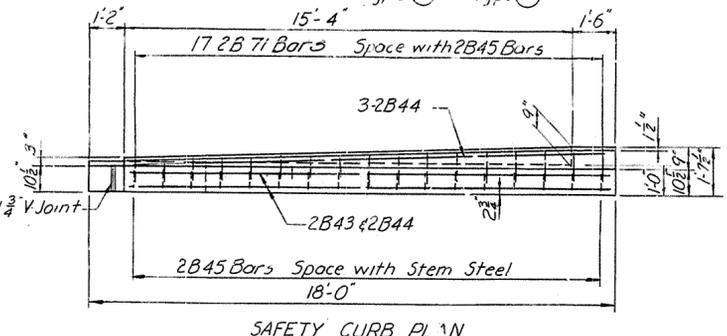
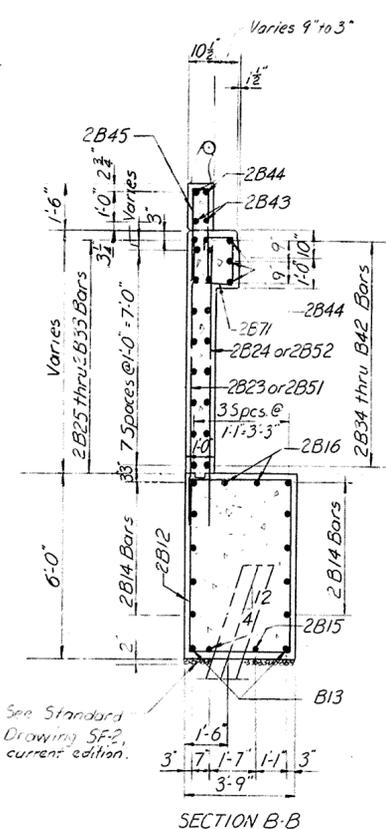
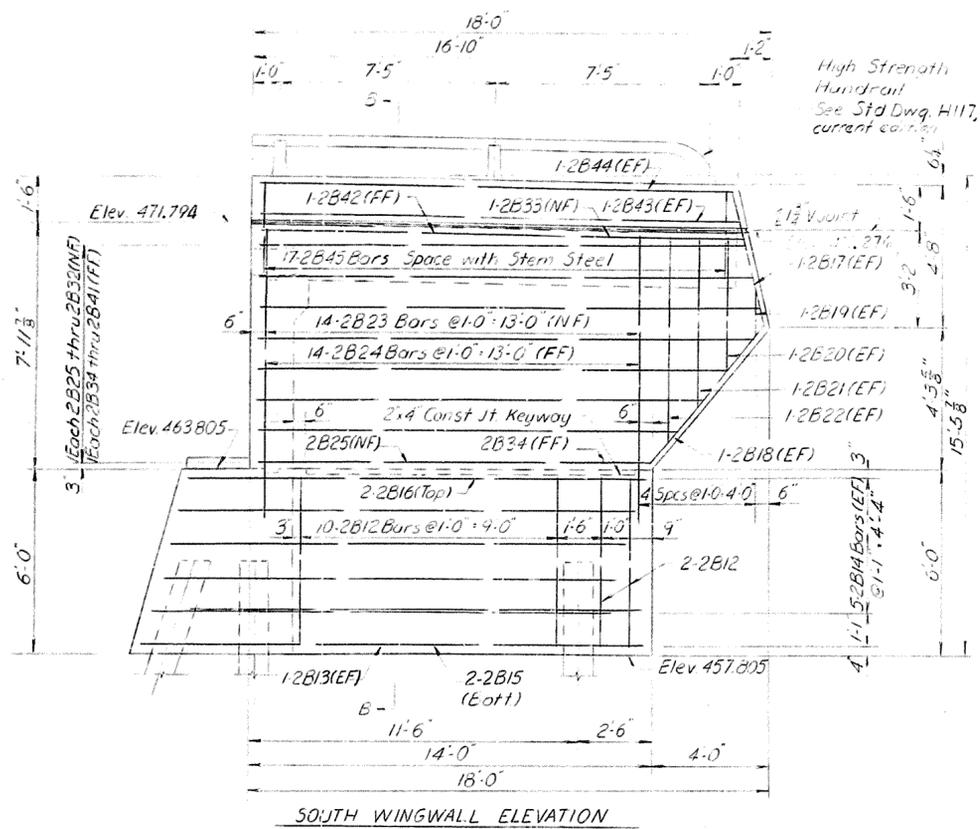
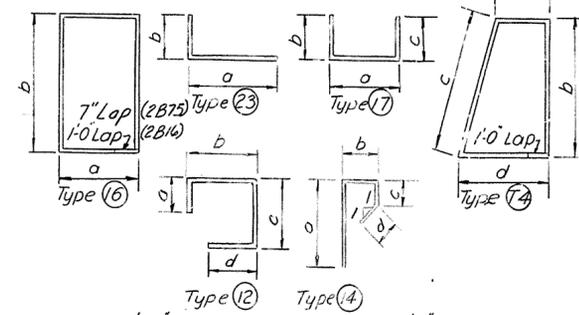
STATION 112+82 PROJECT NO. 164-2(34) SP 56-273-11L
BRIDGE NUMBER DRAWING INDEX NO. 16539

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DATE: 11/11/11
REVISIONS: 1. DATE: 11/11/11 BY: J.M.L. REASON: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50.

ESTIMATE OF QUANTITIES		
ITEM	UNIT	AMOUNT
Concrete Class A	Cu Yds.	119.7
Steel Reinforcement	Lbs.	12370
Steel Piles-2 B.P.53- Furan-Shu	Lin. Ft.	1074
Steel Piles-2 B.P.53- Driving	Lin. Ft.	1074
Structure Excavation, Common	Cu Yds.	403
High Strength Handrail	Lin. Ft.	32
End Bent Backfill	Cu Yds.	210
Concrete Class AA	Cu Yds.	56.4

BILL OF REINFORCEMENT											
Mark	Size	Type	Length Ft. In.	Location	Dim'a	Dim'b	Dim'c	Dim'd	Dim'e	Total	
					Ft. In.	Ft. In.	Ft. In.	Ft. In.	Ft. In.		
2B1	#5	14	20	1	North South Cap	5	6	5	7	5	1
2B2	#6	Str	18	8	South Cap						
2B3	#6	Str	18	8	North						
2B4	#5	14	12	2	South Backwall	8	4	1	8	0	7
2B5	#5	14	12	10	North	9	0	1	8	0	9
2B6	#6	17	12	6	South	1	2	9	3	2	0
2B7	#6	17	13	2	North	1	2	10	1	2	0
2B8	#4	Str	16	50	10	South					
2B9	#4	Str	18	44	8	North					
2B10	#4	17	20	5	South Pads	1	8	2	6	2	5
2B11	#6	17	20	7	North	1	8	2	6	2	5
2B12	#5	16	24	15	10	South North Wingwall Cap	5	6	5	7	5
2B13	#6	23	4	20	11						
2B14	#6	23	20	19	4						
2B15	#6	Str	4	17	7						
2B16	#6	Str	4	16	0						
2B17	#4	Str	4	4	8	South & North Wingwall					
2B18	#4	Str	2	5	10	South Wingwall					
2B19	#4	Str	2	1	7						
2B20	#4	Str	2	4	4						
2B21	#4	Str	2	5	6						
2B22	#4	Str	2	6	7						
2B23	#4	Str	14	9	0						
2B24	#6	Str	14	9	6						
2B25	#4	25	1	17	2						
2B26	#4	25	1	18	2						
2B27	#4	25	1	19	1						
2B28	#4	25	1	20	0						
2B29	#4	25	1	20	11						
2B30	#4	25	1	20	10						
2B31	#4	25	1	20	8						
2B32	#4	Str	1	17	0						
2B33	#4	Str	2	16	11	South & North Wingwall					
2B34	#8	23	1	17	0	South Wingwall					
2B35	#8	23	1	17	10						
2B36	#8	23	1	18	11						
2B37	#8	23	1	19	10						
2B38	#8	23	1	20	7						
2B39	#8	23	1	20	3						
2B40	#8	23	1	20	3						
2B41	#8	Str	1	17	0						
2B42	#8	Str	2	16	11	South & North Wingwall					
2B43	#4	Str	4	16	9						
2B44	#4	Str	10	16	6						
2B45	#4	Str	17	34	8	6					
2B46	#4	Str	2	6	7	North Wingwall					
2B47	#4	Str	2	1	9						
2B48	#4	Str	2	4	10						
2B49	#4	Str	2	6	4						
2B50	#4	Str	2	7	8						
2B51	#4	Str	14	10	3						
2B52	#6	Str	14	10	9						
2B53	#4	23	1	17	2						
2B54	#4	23	1	17	11						
2B55	#4	23	1	18	8						
2B56	#4	23	1	17	4						
2B57	#4	23	1	20	1						
2B58	#4	23	1	20	9						
2B59	#4	23	1	20	11						
2B60	#4	23	1	20	8						
2B61	#4	23	1	20	5						
2B62	#8	23	1	17	0						
2B63	#8	23	1	17	8						
2B64	#8	23	1	18	5						
2B65	#8	23	1	19	7						
2B66	#8	23	1	19	10						
2B67	#8	23	1	20	6						
2B68	#8	23	1	20	8						
2B69	#8	23	1	20	4						
2B70	#8	23	1	20	2						
2B71	#4	12	34	3	6	South & North Wingwall					
2B72						Not Used					
2B73	#6	11	2	6	5	Median					
2B74	#4	Str	4	0	2	8	South & North Pads				
2B75	#6	16	2	7	5	Median					
2B76	#4	Str	10	1	4						

NOTES
 Top of cap bars are to be located so as not to interfere with drilling of Anchor Bolt holes.
 NF denotes Near Face. FF denotes Far Face. EF denotes Each Face.
 See sheet No 21 for elevation along backwall.
 Do not backfill above bridge seat until superstructure is in place.
 For Details of End Bent Const. see Std. Dwg. SF 2 current edition.
 For Details of Expansion Dam see sheet No 34.
 For location of test pile see Pile Record sheet No 50.
 Work this sheet with sheet No 21.



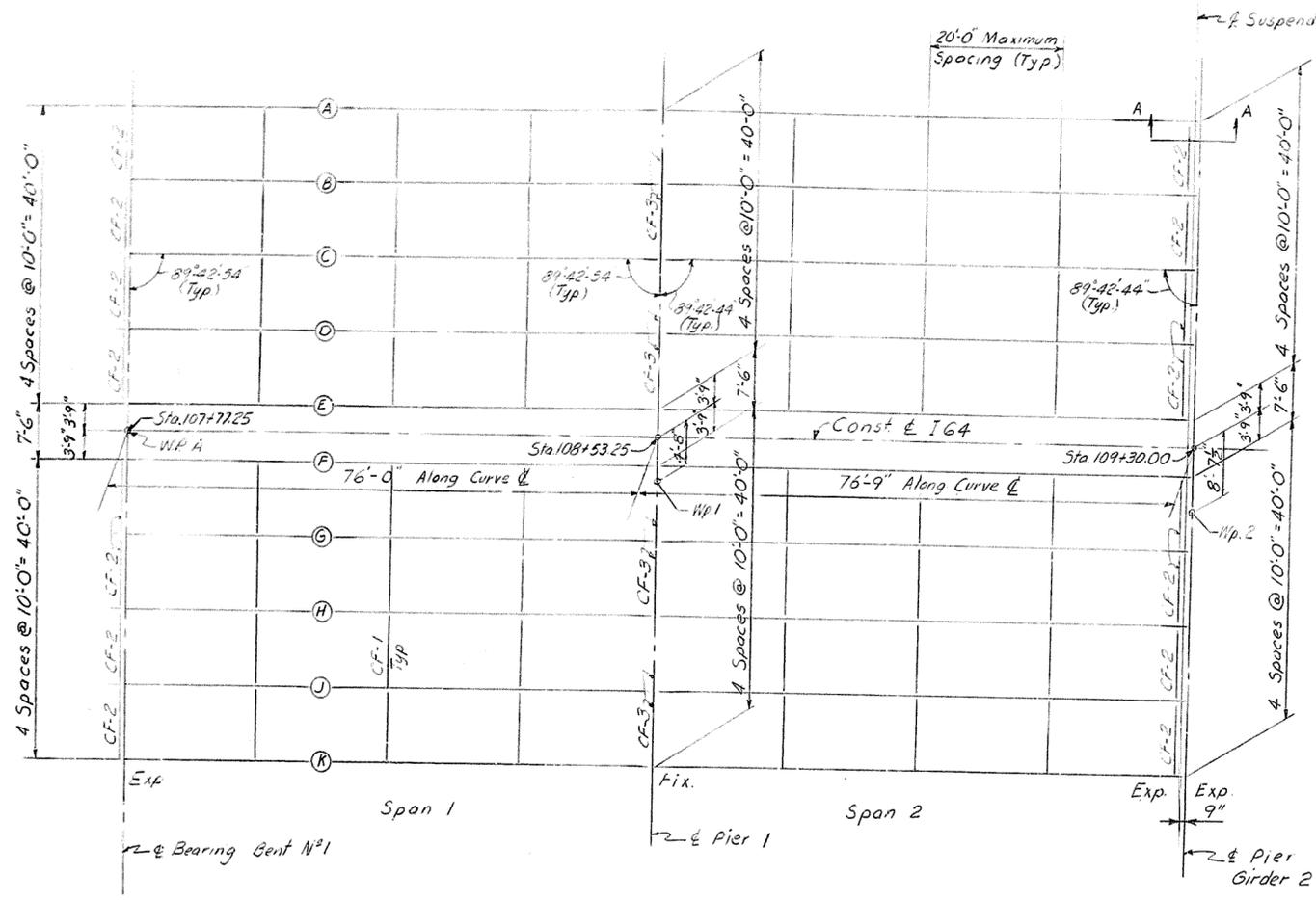
END BENT 2

BRIDGE OVER K&TR AND 27TH STREET SHEET 22 OF 50

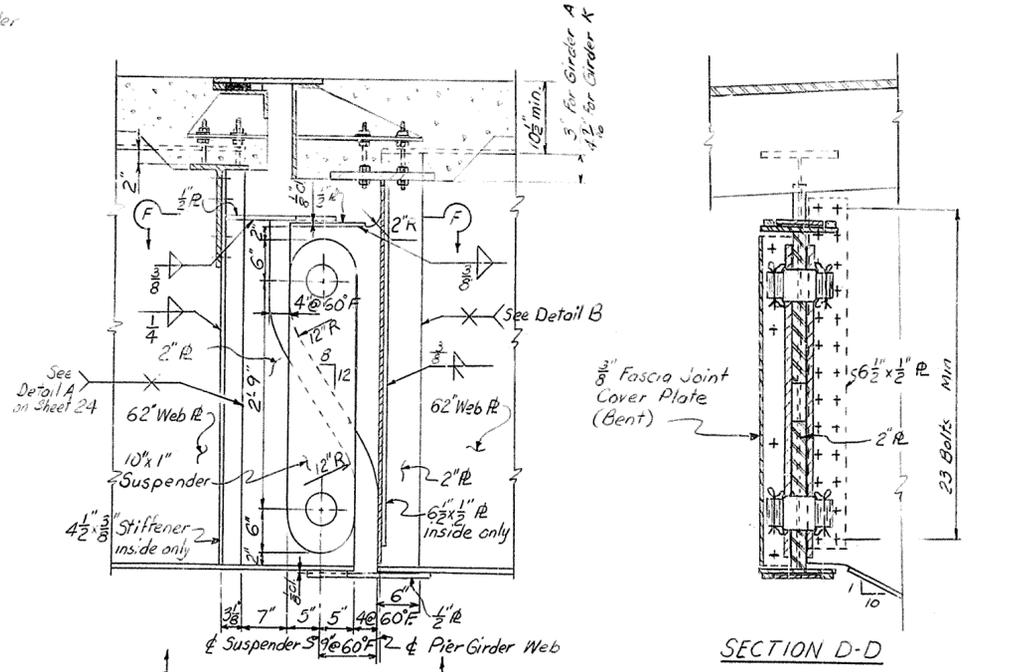
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON

ROAD SP 18-273-11L
 STATION 112+82 PROJECT NO. 164-2(34)

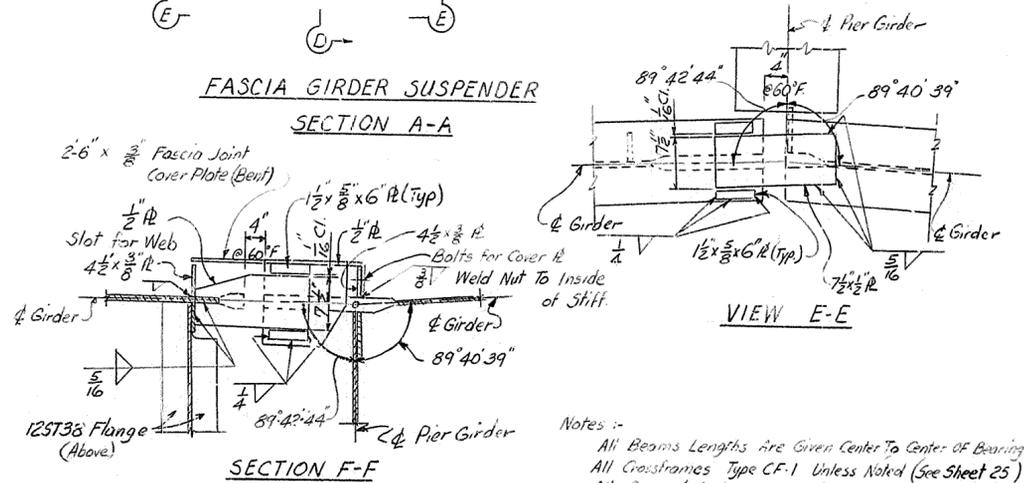
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FRAMING PLAN
UNIT ONE



FASCIA GIRDER SUSPENDER
SECTION A-A

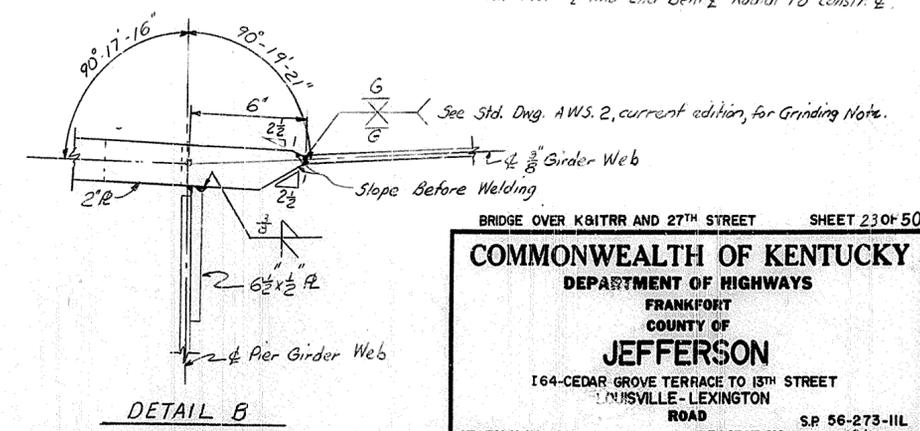


SECTION F-F

Notes :-
All Beams Lengths Are Given Center To Center Of Bearing
All Crossframes Type CF-1 Unless Noted (See Sheet 25)
All Pier & End Ends Bent & Radial To Constr. &

Girder	Span 1	Span 2	Span 3	Span 4	Span 5	Span 6	Span 7	Span 8	Span 9	Span 10	Span 11	Span 12
	L	L	L	L	L	L	L	L	L	L	L	L
A	76'-5 3/4"	76'-3 1/4"	86'-3 3/8"	86'-5 3/8"	86'-6"	83'-3 3/8"	83'-5 3/8"	83'-5 3/8"	78'-3 3/8"	133'-7 1/8"	78'-5 3/8"	62'-4 1/4"
B	76'-4"	76'-4 1/8"	86'-4 1/8"	86'-4 1/8"	86'-4 3/8"	83'-4 1/8"	83'-2 3/8"	83'-4 1/8"	78'-4 1/8"	133'-7"	78'-4 1/8"	62'-3 3/8"
C	76'-2 3/8"	76'-2 3/8"	86'-3 3/8"	86'-3 3/8"	86'-3 3/8"	83'-3 3/8"	83'-3 3/8"	83'-3 3/8"	78'-2 3/8"	133'-4 1/8"	78'-2 3/8"	62'-2 5/8"
D	76'-1 3/8"	76'-1 3/8"	86'-1 3/8"	86'-1 3/8"	86'-1 3/8"	83'-1 3/8"	83'-1 3/8"	83'-1 3/8"	78'-1 3/8"	133'-2 3/8"	78'-1 3/8"	62'-1 3/8"
E	76'-0 1/2"	76'-0 1/2"	86'-0 1/2"	86'-0 1/2"	86'-0 1/2"	83'-0 1/2"	83'-0 1/2"	83'-0 1/2"	78'-0 1/2"	133'-0 3/8"	78'-0 1/2"	62'-0 3/8"
F	75'-1 1/8"	75'-11 1/8"	85'-11 1/8"	85'-11 1/8"	85'-11 1/8"	82'-11 1/8"	82'-11 1/8"	82'-11 1/8"	77'-11 1/8"	132'-11 1/8"	77'-11 1/8"	61'-11 1/8"
G	75'-10 3/8"	75'-10 3/8"	85'-10 3/8"	85'-10 3/8"	85'-10 3/8"	82'-10 3/8"	82'-10 3/8"	82'-10 3/8"	77'-10 3/8"	132'-9 1/8"	77'-10 3/8"	61'-10 3/8"
H	75'-9 3/8"	75'-9 3/8"	85'-8 3/8"	85'-8 3/8"	85'-8 3/8"	82'-8 3/8"	82'-8 3/8"	82'-8 3/8"	77'-9 3/8"	132'-7"	77'-9 3/8"	61'-9 3/8"
J	75'-7 3/8"	75'-7 3/8"	85'-7 3/8"	85'-7 3/8"	85'-7 3/8"	82'-7 3/8"	82'-7 3/8"	82'-7 3/8"	77'-7 3/8"	132'-4 3/8"	77'-7 3/8"	61'-8 3/8"
K	75'-6 3/8"	75'-6 3/8"	85'-6 3/8"	85'-6 3/8"	85'-6 3/8"	82'-6 3/8"	82'-6 3/8"	82'-6 3/8"	77'-6 3/8"	132'-2 3/8"	77'-6 3/8"	61'-7 3/8"

For Girder Camber See Sheet 27



DETAIL B

STRUCTURAL STEEL

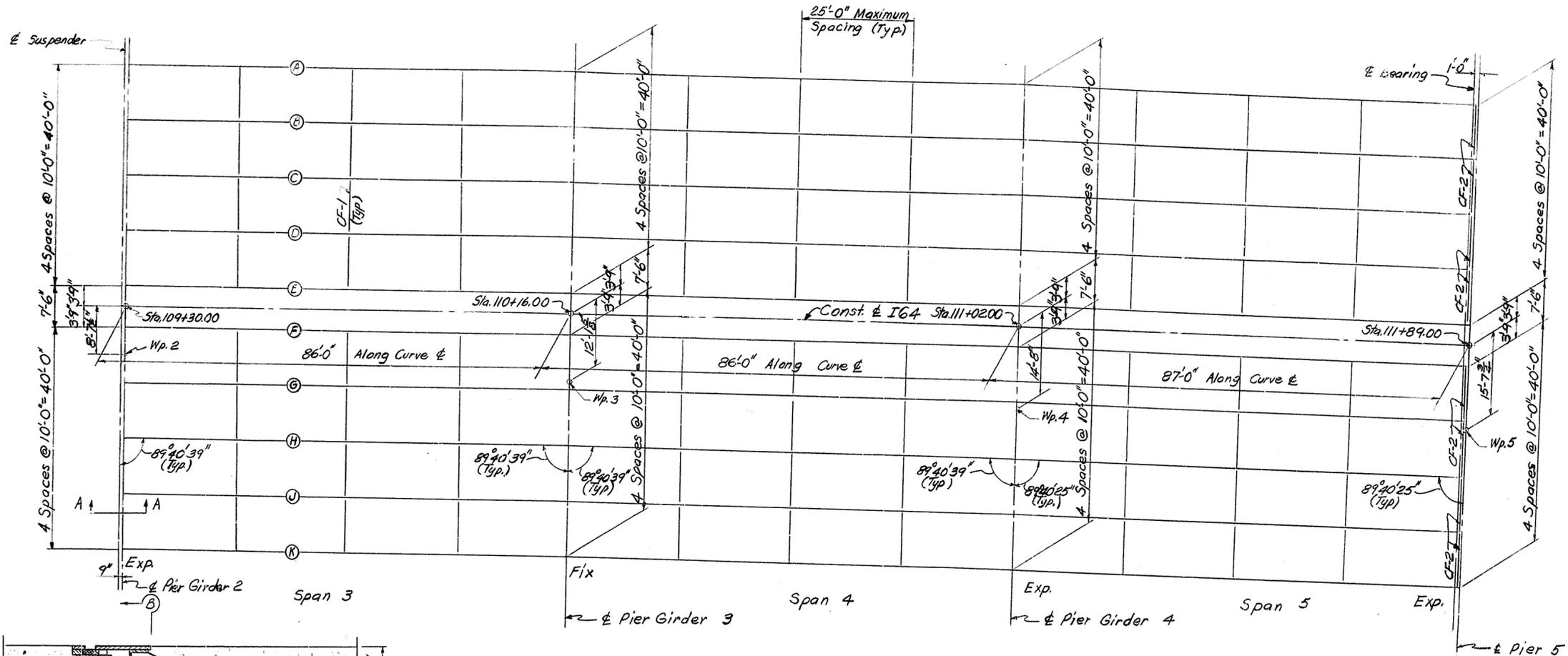
BRIDGE OVER KBITRR AND 27TH STREET SHEET 23 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
164 CEDAR GROVE TERRACE TO 13TH STREET
LEXINGTON - LEXINGTON
ROAD

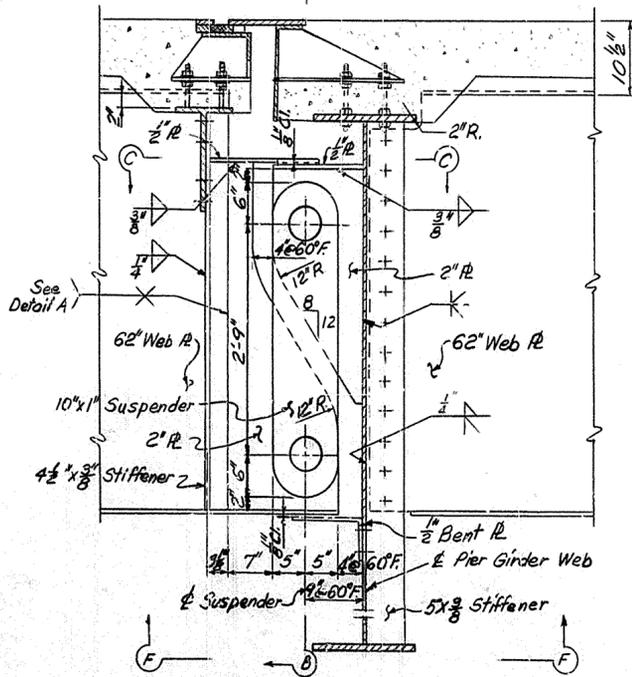
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SP 56-273-11L
DRAWING INDEX
NO. 16539

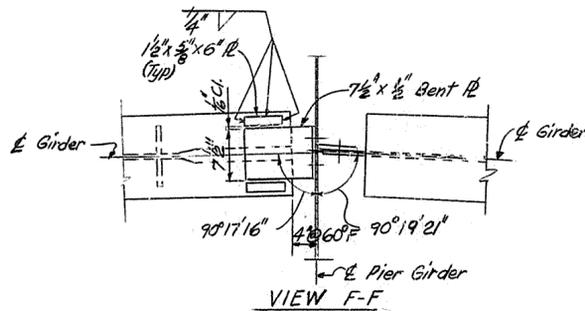
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DATE: 1/11/11 DATE: 1/11/11
REVISIONS: DATE: DATE:
DATE: DATE:



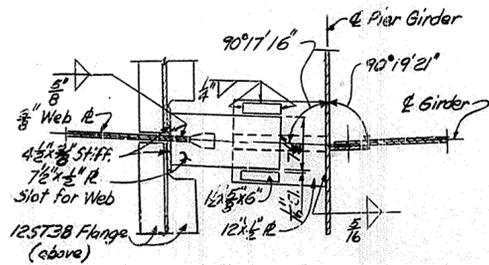
FRAMING PLAN
UNIT TWO



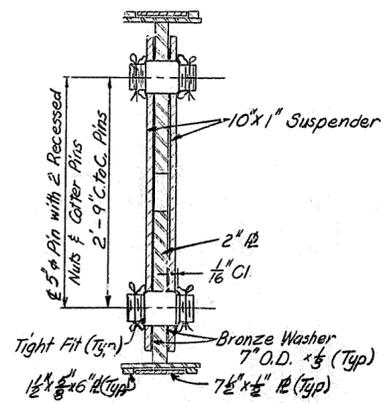
INTERIOR GIRDER SUSPENDER
SECTION A-A SHEET 31



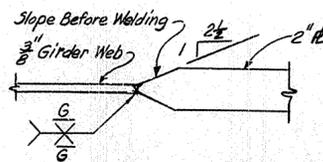
VIEW F-F



SECTION C-C



SECTION B-B



DETAIL A STRUCTURAL STEEL

Notes:-
For Girder Lengths See Sheet 23
All Crossframes Type CF-1 Unless Noted
All Piers & Radial to Constr. &
See Sheet 26 For Splice Details
@ Piers 3 & 4

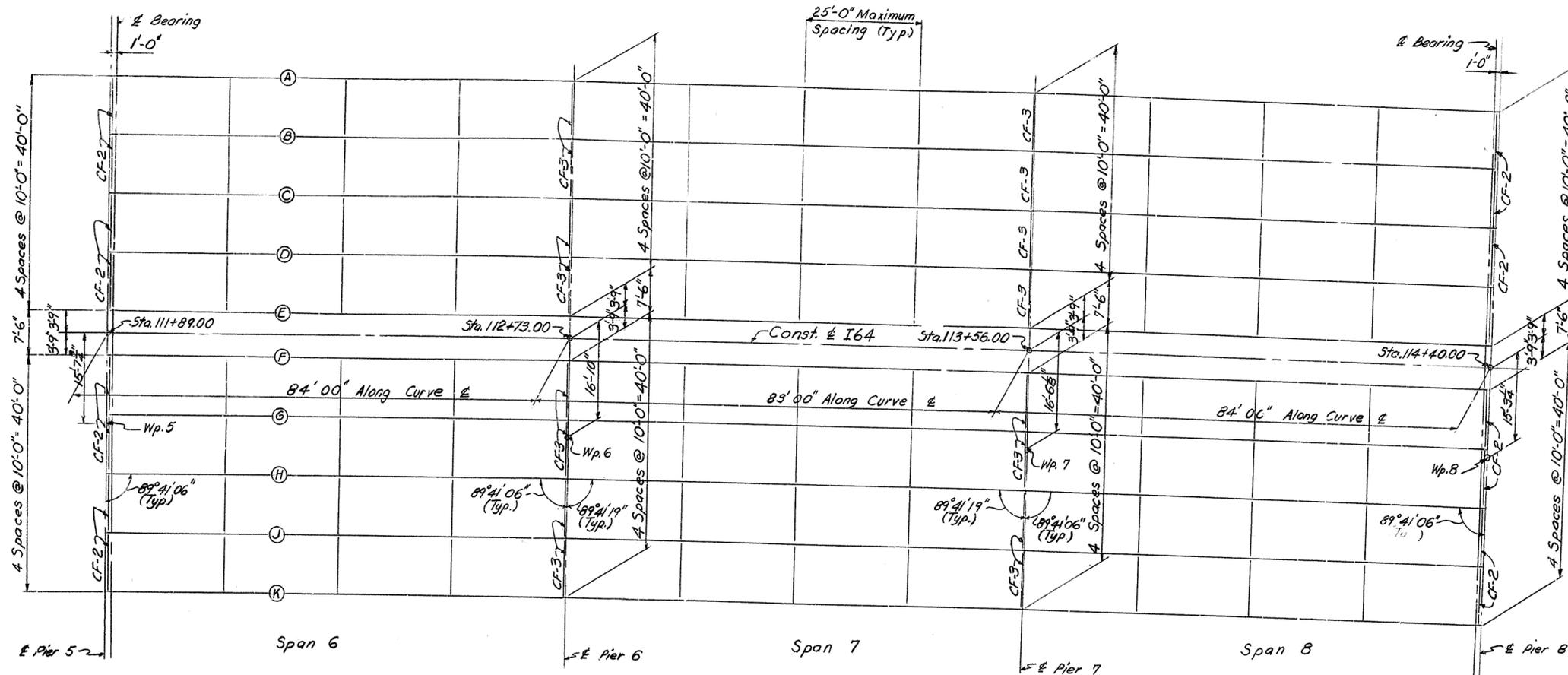
See Std. Dwg. AWS-2,
current edition for
Grinding Note

BRIDGE OVER K81TRR AND 27TH STREET SHEET 24 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
164 CEDAR GROVE TERRACE TO 13TH STREET
LOUISVILLE - LEXINGTON
ROAD

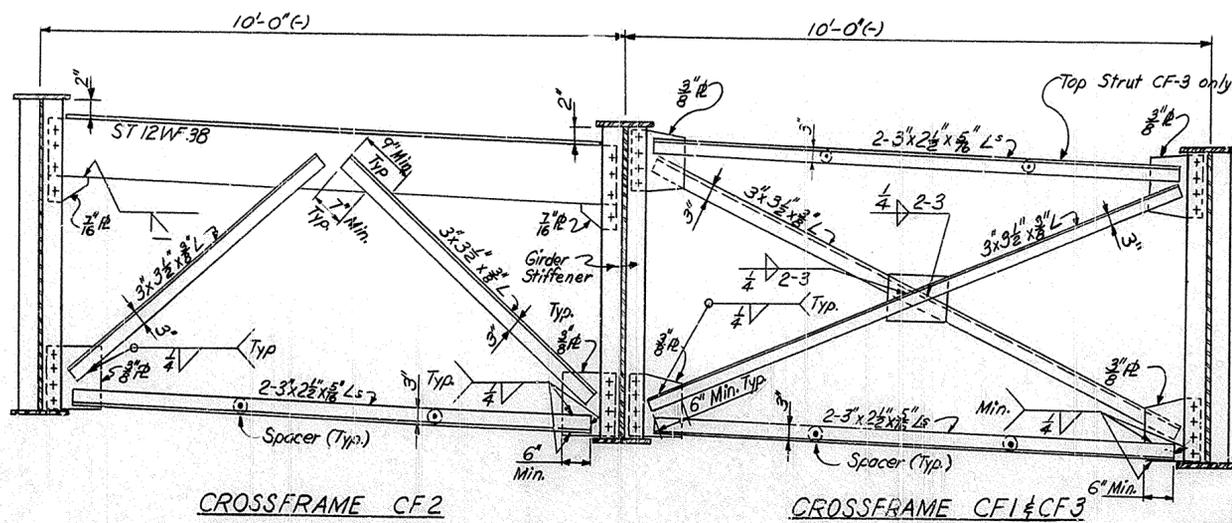
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BRIDGE NUMBER 16539 DRAWING INDEX



FRAMING PLAN
UNIT THREE

Note:-
For Girder Lengths See Sheet 23
All Crossframe Type CF-1 Unless Noted
All Piers & Radial to Constr. &



CROSSFRAME CF2

CROSSFRAME CF1 & CF3

STRUCTURAL STEEL

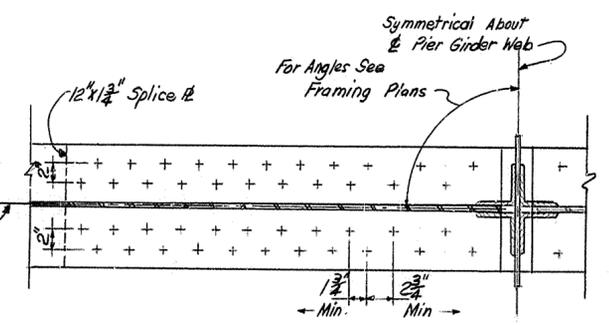
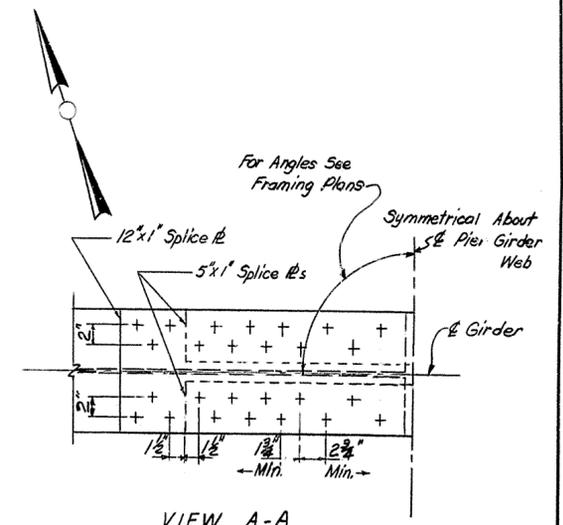
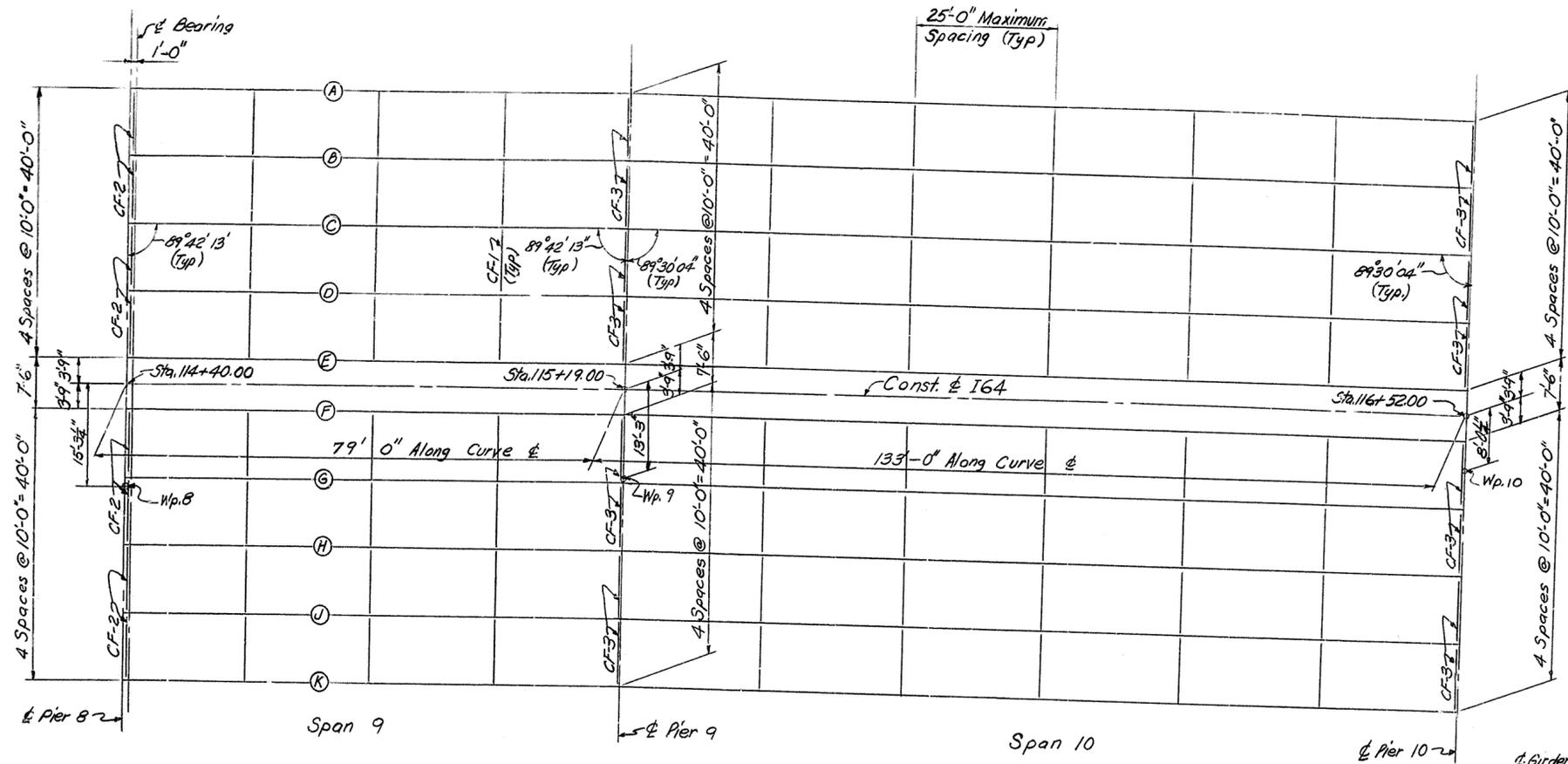
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BRIDGE OVER K&T R.R. AND 27TH STREET SHEET 25 OF 50

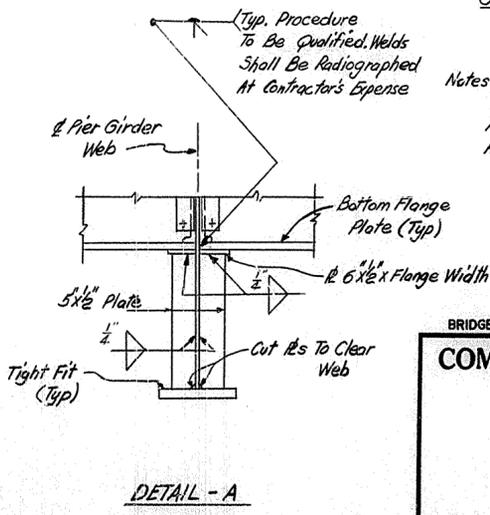
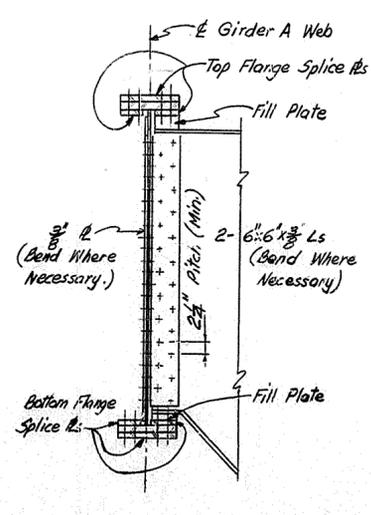
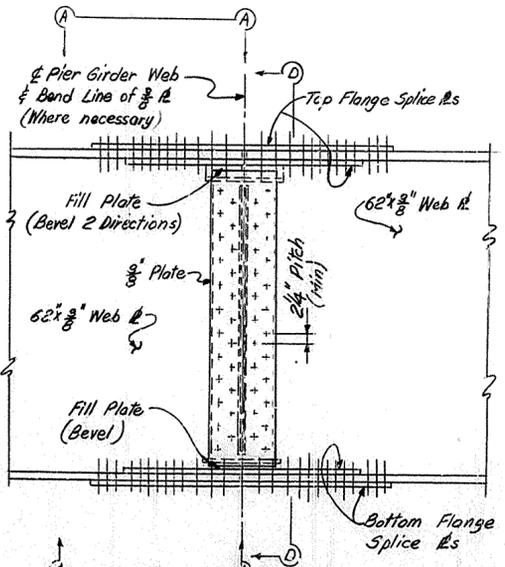
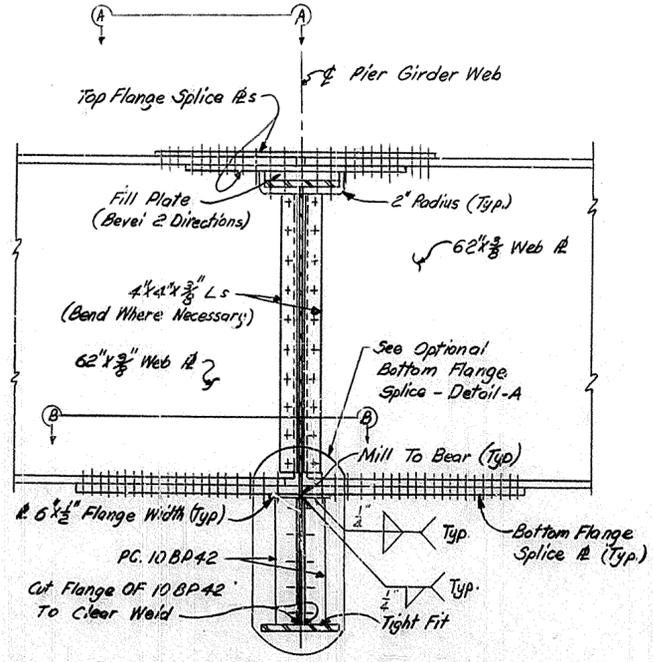
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD SP 56-273-11L

STATION 112+82 PROJECT NO. 164-2(34)1

BRIDGE NUMBER	DRAWING	INDEX
	No. 16539	



FRAMING PLAN
UNIT FOUR
(continued Sheet 27)



Notes:-
For Girder Lengths See Sheet 23
All Crossframes Type CF-1 Unless Noted
All Piers & Radial To Constr. #.

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 26 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
164-CEDAR GROVE TERRACE TO 13TH STREET
LOUISVILLE - LEXINGTON
ROAD

STATION 112+82 PROJECT NO. 164-2(34) SP 56-273-III

BRIDGE NUMBER DRAWING INDEX
no. 16533

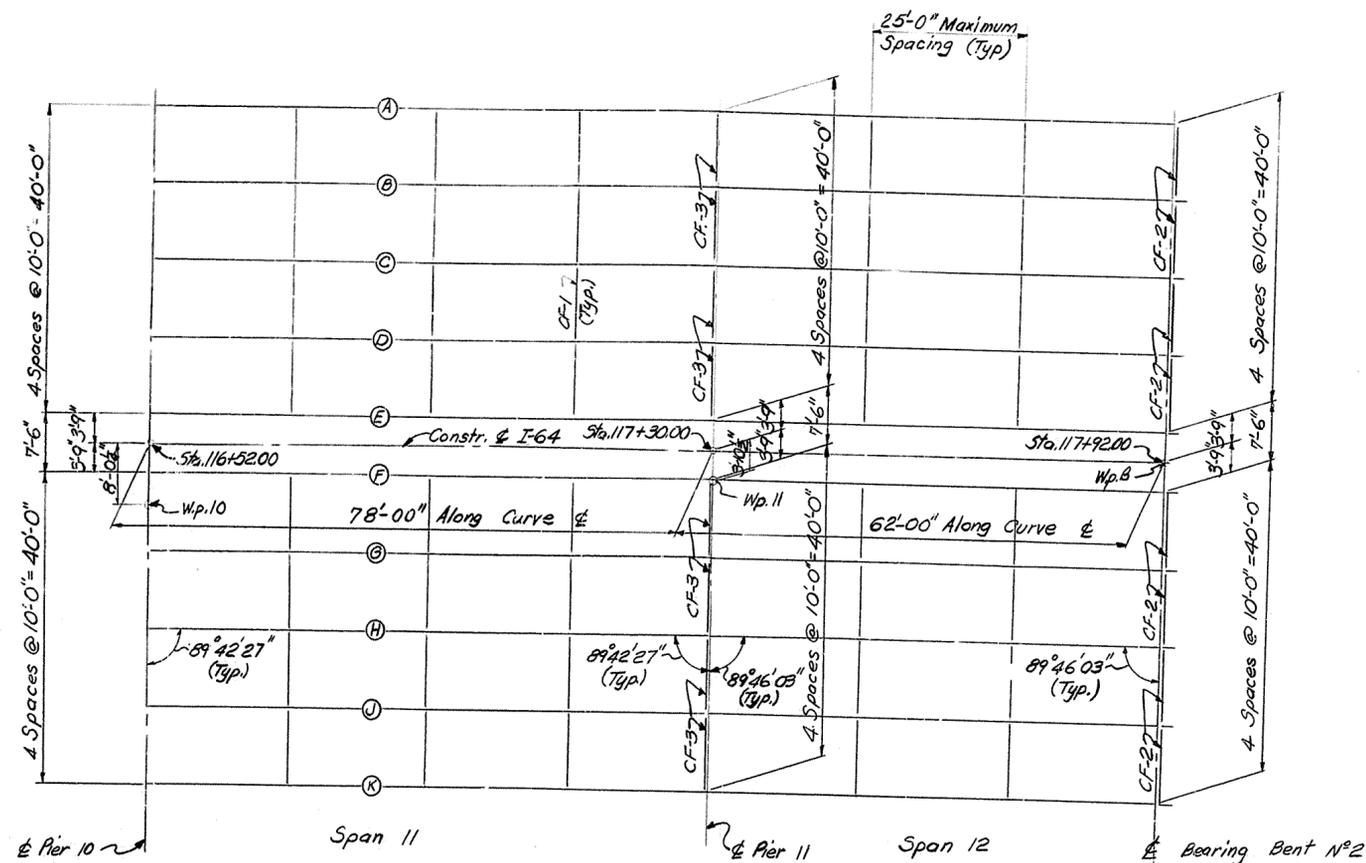
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 REVISIONS:

TYPICAL PIERS 3 & 4 GIRDER SPLICE
SECTION B-B SHEET 31

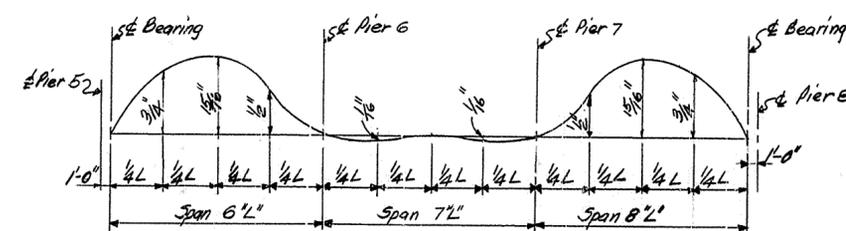
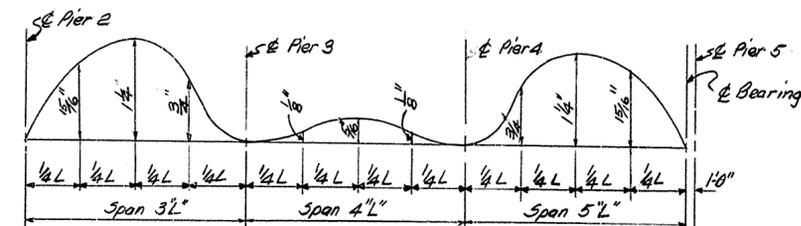
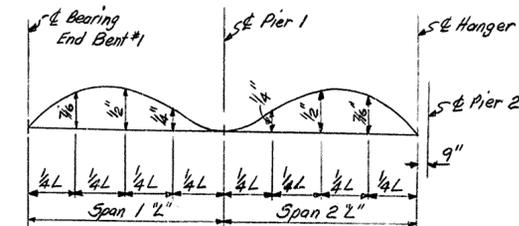
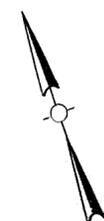
PIER 3 GIRDER A ONLY
VIEW C-C SHEET 31

SECTION D-D

STRUCTURAL STEEL

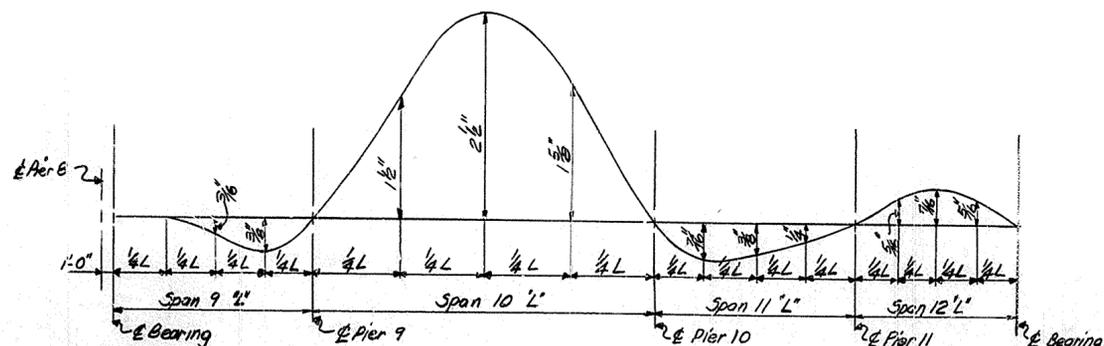


FRAMING PLAN
UNIT FOUR (cont.)

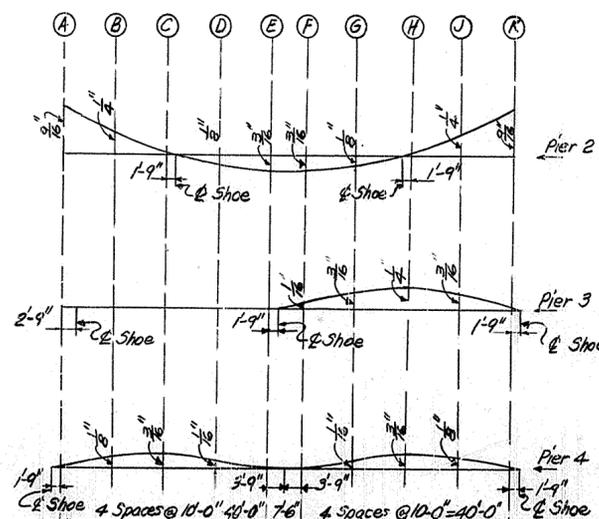


CAMBER DIAGRAM
LONGITUDINAL GIRDERS

Notes: -
For Girder Lengths See Sheet 29
All CrossFrames Type CF-1 Unless Noted
All Piers & End Bents & Radial To Constr. &



CAMBER DIAGRAM
LONGITUDINAL GIRDERS



CAMBER DIAGRAM
PIER GIRDERS

STRUCTURAL STEEL

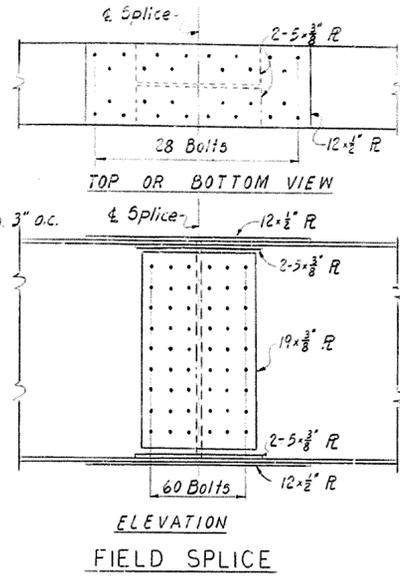
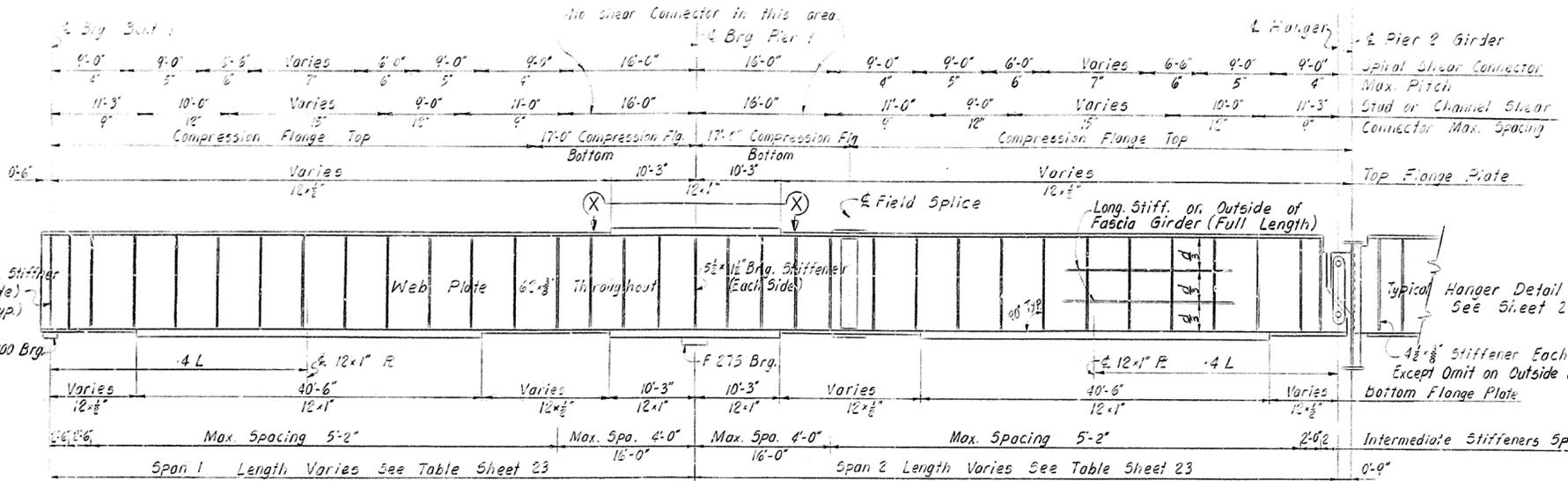
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BRIDGE OVER K&ITRR AND 27TH STREET SHEET 27 OF 50

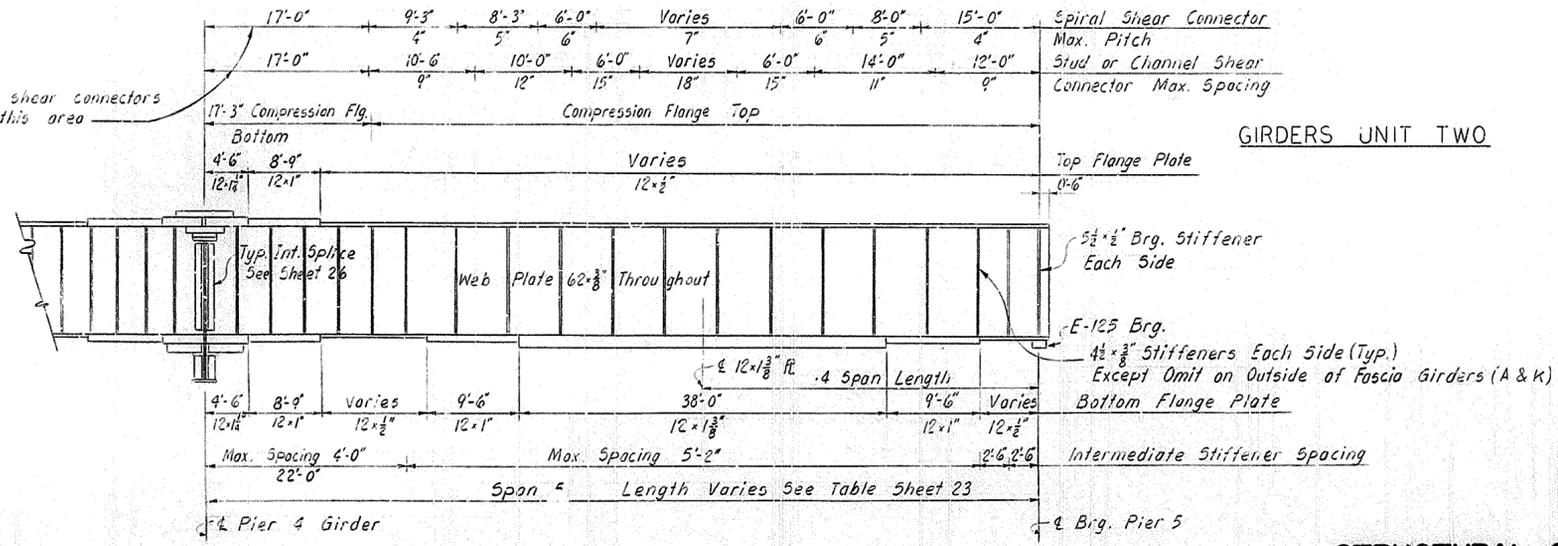
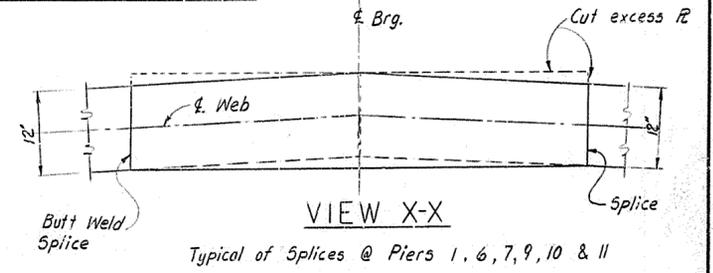
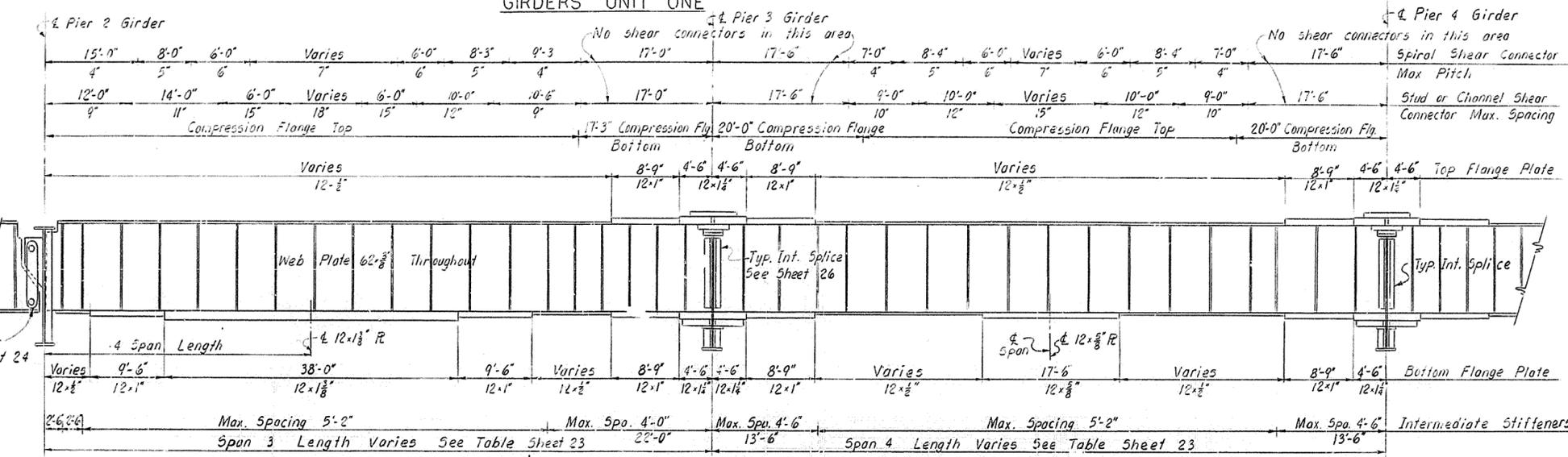
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(34) SP 56-273-III

BRIDGE NUMBER DRAWING INDEX
 NO. 16539



NOTES:
Bolts - 3/4" #
Holes - 1/8" # Min. 3" o.c.



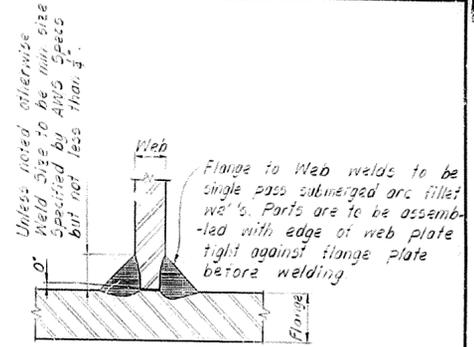
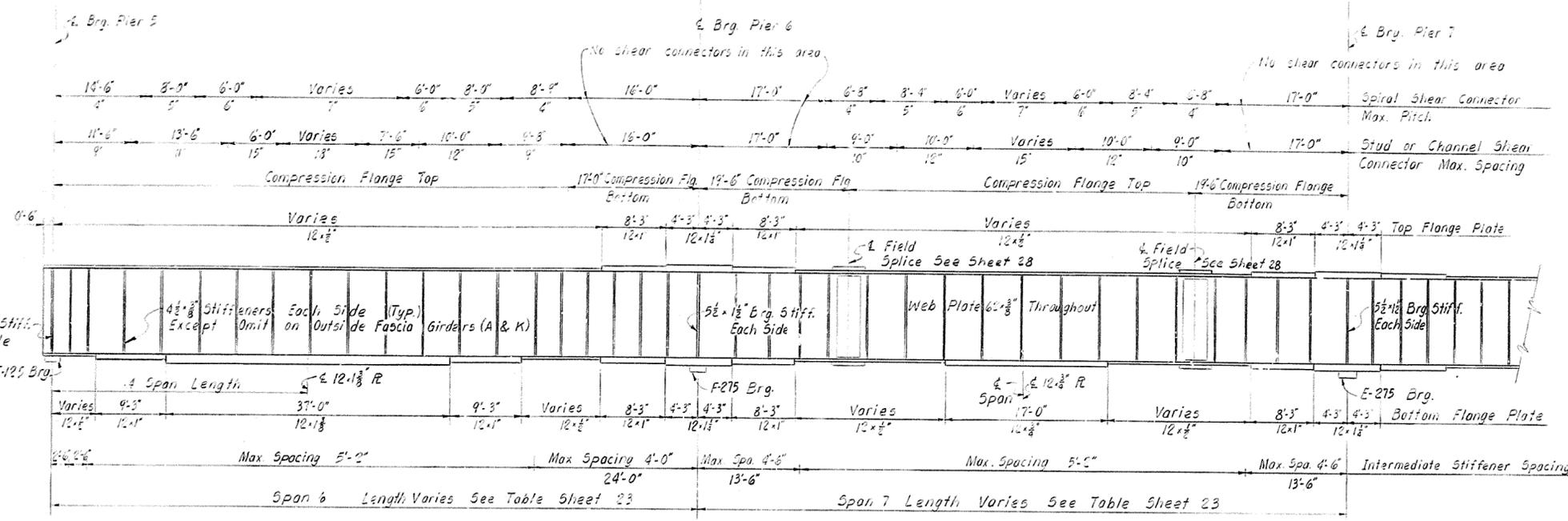
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 CHECKED BY: [Name] DATE: [Date]
 REVISIONS: [Table]
 DATE: [Date]

STRUCTURAL STEEL

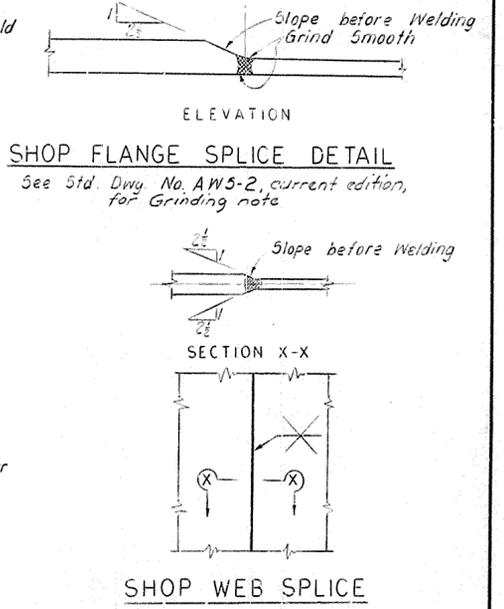
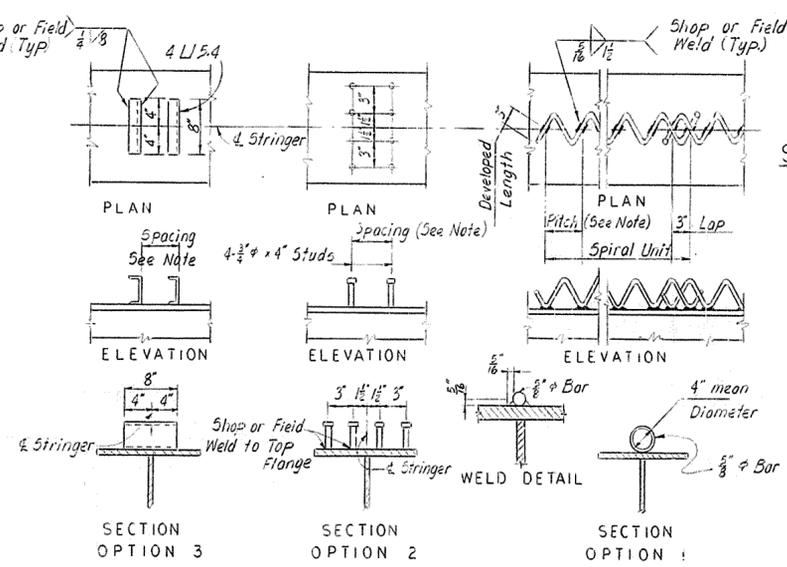
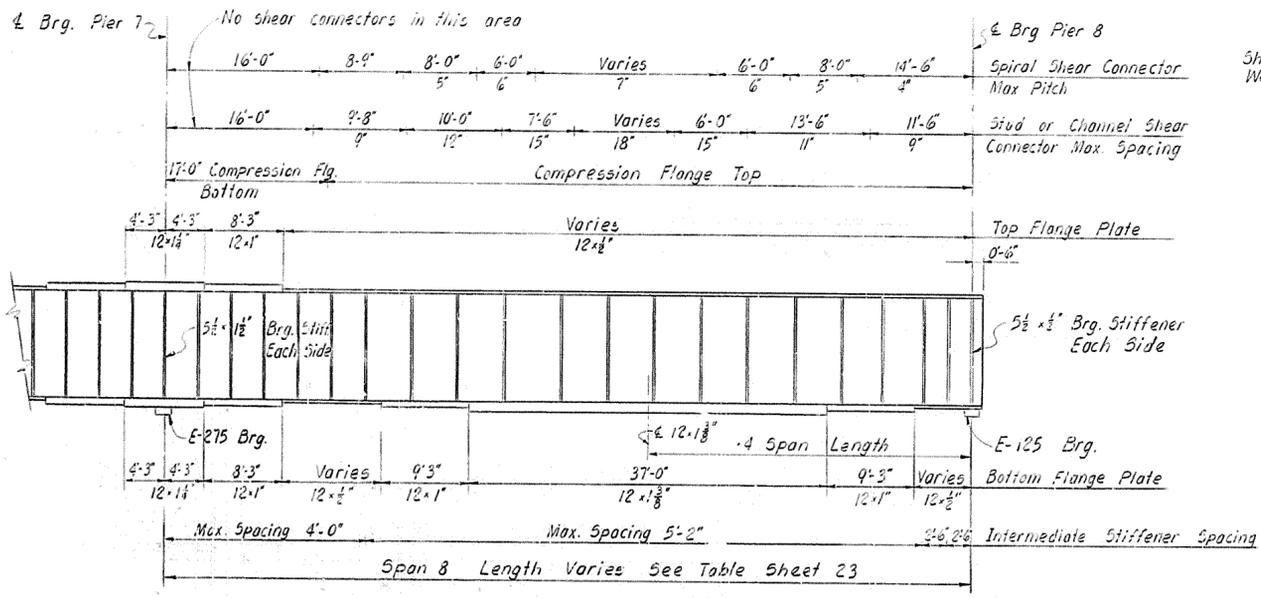
BRIDGE OVER KBITRR AND 27TH STREET SHEET 28 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(34)
 BRIDGE NUMBER DRAWING INDEX
 No. 16539



GIRDERS UNIT THREE



A.W.S. MINIMUM WELDS STANDARD	
Material Thickness of Thicker Part Joined in.	Minimum Size of Fillet Weld in.
To 1/4 incl.	1/4
Over 1/4 to 1/2	3/8
Over 1/2 to 2 1/2	1/2
Over 2 1/2 to 6	5/8
Over 6	3/4

STRUCTURAL STEEL

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 290F50

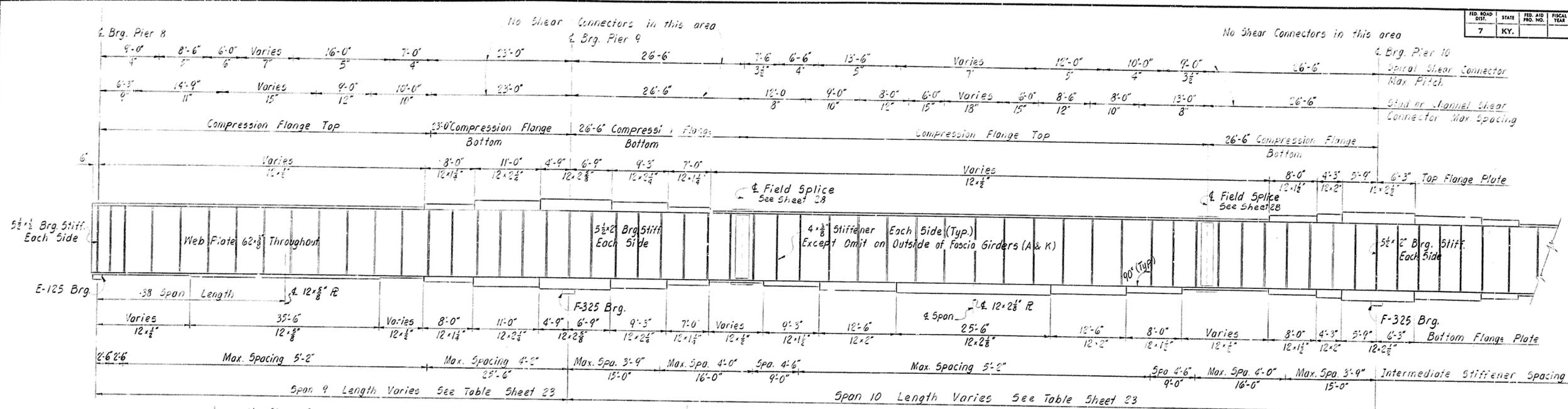
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD S.P. 56-273-III

STATION 112+82 PROJECT NO. 164-2(54)

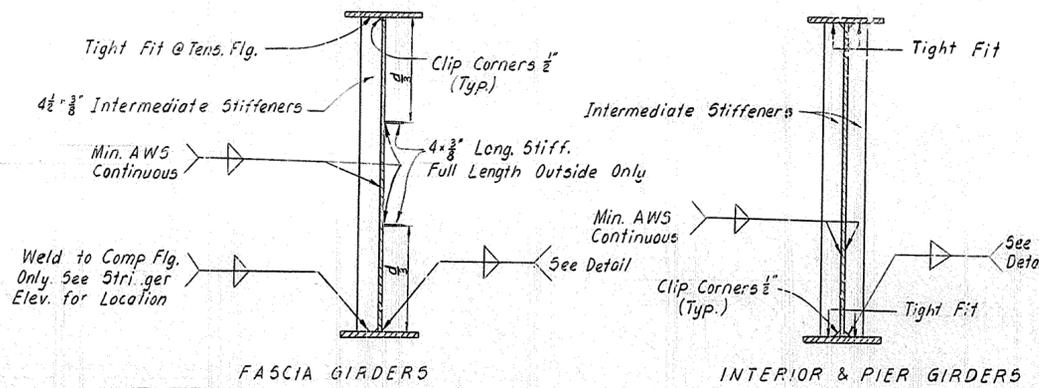
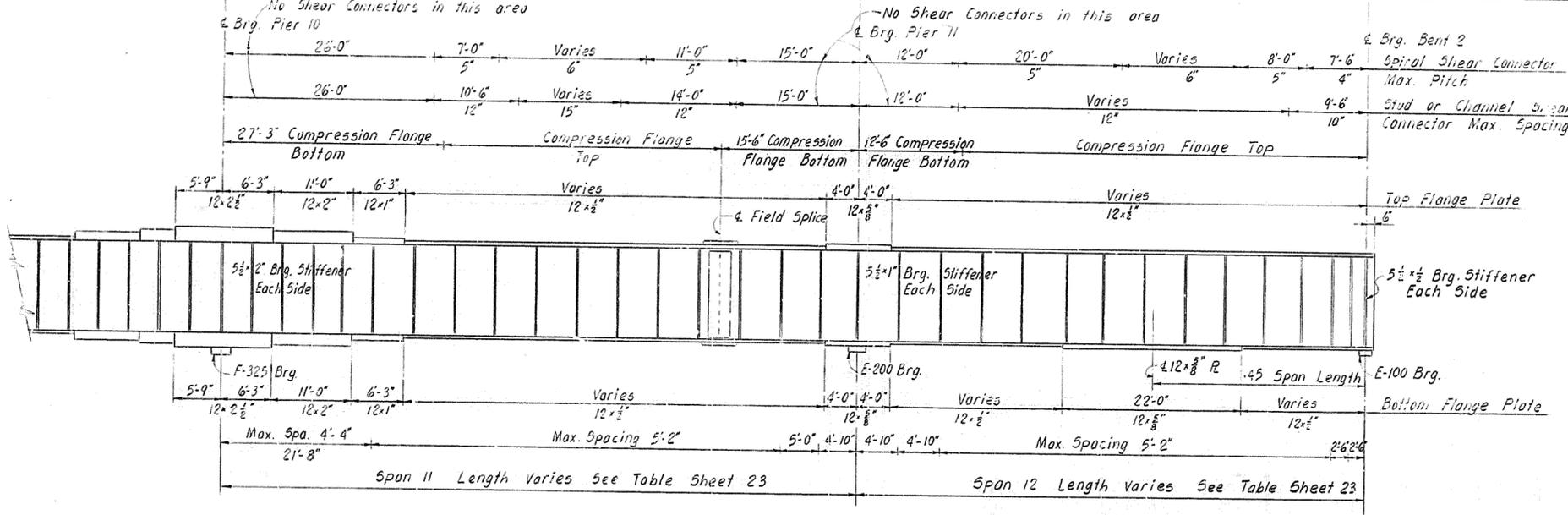
BRIDGE NUMBER DRAWING INDEX
 NO. 16539

DESIGNED BY: J.M.V. CHECKED BY: J.M.V. DATE: 1/27/53
 DRAWN BY: J.M.V. CHECKED BY: J.M.V. DATE: 1/27/53
 TRACED BY: J.M.V. CHECKED BY: J.M.V. DATE: 1/27/53

FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



GIRDERS UNIT FOUR



STRUCTURAL STEEL

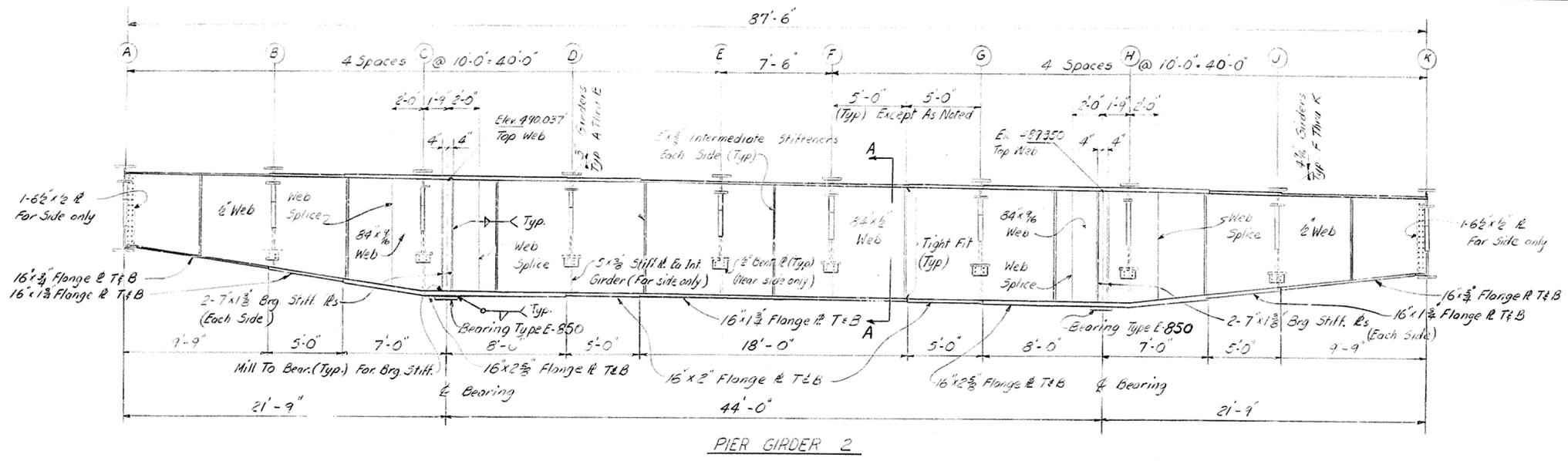
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 CHECKED BY: [] DATE: []
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 [] DATE: [] BY: []

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 300F50

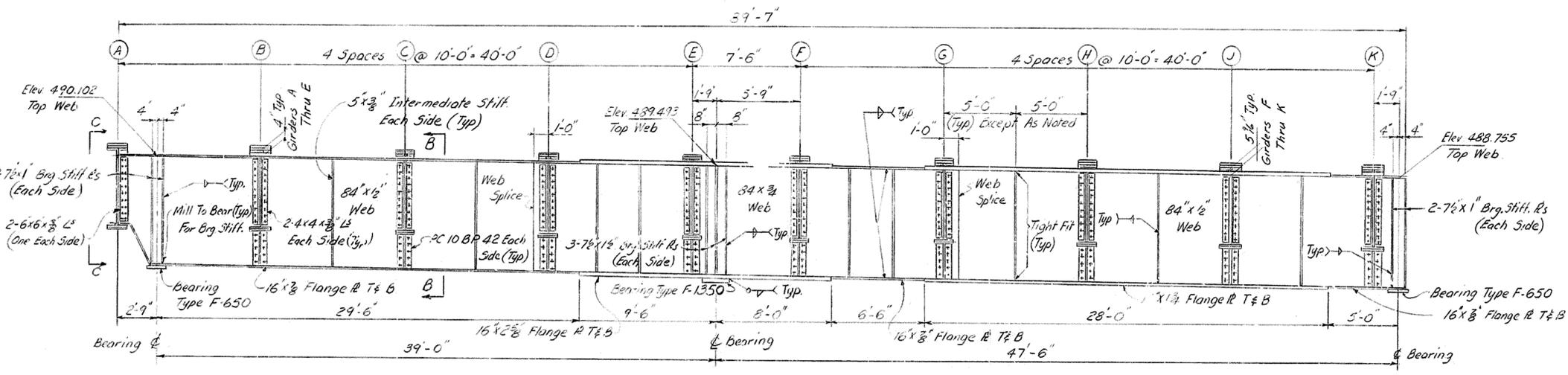
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

SITATION 112+82 PROJECT NO. 164-2(34) SP. 56-273-11L

BRIDGE NUMBER DRAWING INDEX
 No. 16539

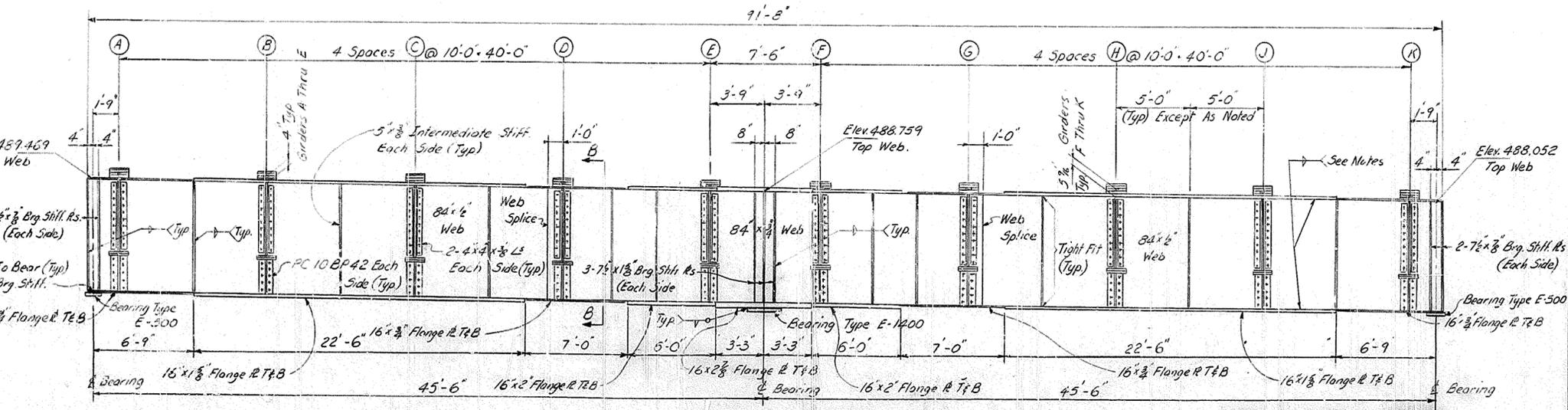


PIER GIRDER 2



PIER GIRDER 3

Notes:-
 For Structural Steel Notes See Sheet 3
 Bolts 3/4" A325 unless noted.
 All Fillet Welds Shall Be AWS Minimum Unless Otherwise Specified And Except That No Weld Shall Be Less Than 1/4".
 For Suspender Details, See Sheet 23 or 24.
 For Expansion Dam Details, See Sheet 34.
 Holes 1 1/8" unless noted.
 For Bearing Details, See Sheets 32 & 33.
 Extra Optional Shop Welded Web Plate Splices Are Permitted And Prescribed In Structural Steel Notes, Sheet 3.
 All Stiffeners On Pier Girders Are Vertical, 5x3/8" L with field bolts may be substituted for 5x3/8" welded I for intermediate stiffeners on pier girders if necessary for erection of stringer girders.
 All Pier Girder Webs To Be Vertical.
 For Section A-A See Sheet 24 (Interior Girder Suspender)
 For Section B-B & View C-C See Sheet 26 (Typ. Girder Splice)
 For Welding Notes See Std. Dwg. No. 52, Current Edition



PIER GIRDER 4

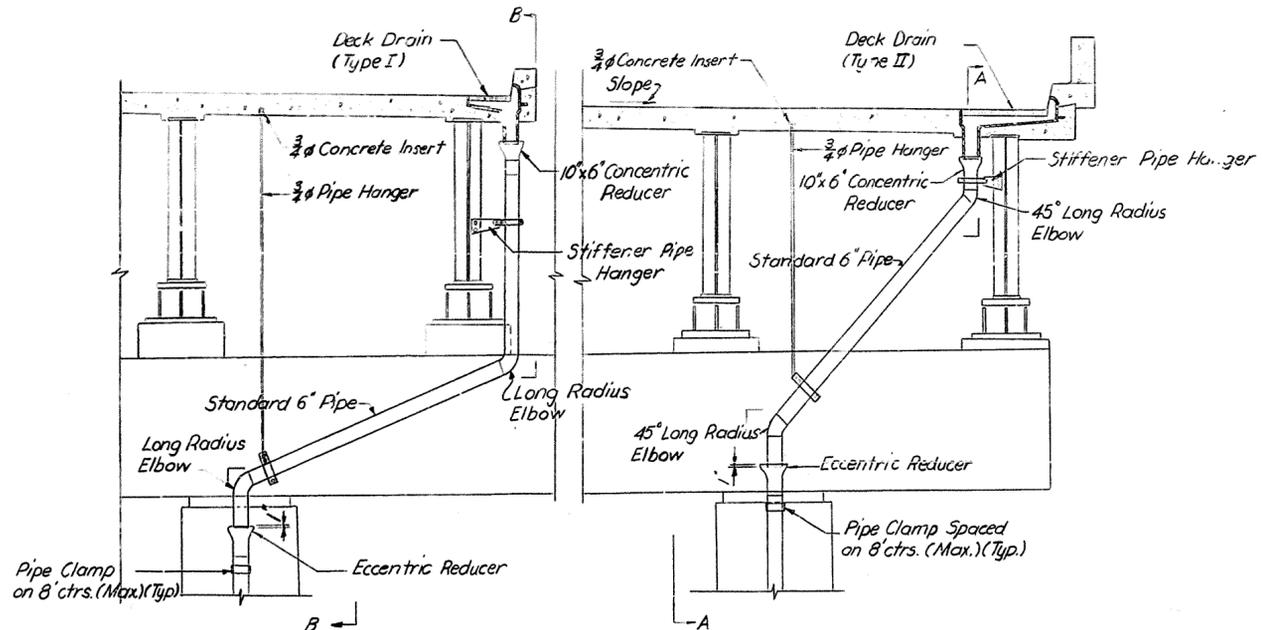
STRUCTURAL STEEL

DESIGNED BY: R.H.B. DATE: 5-22-50
 CHECKED BY: R.H.B. DATE: 5-23-50
 TRACED BY: R.H.B. DATE: 5-23-50
 REVISIONS:

BRIDGE OVER K&TRR AND 27TH STREET SHEET 31 OF 50

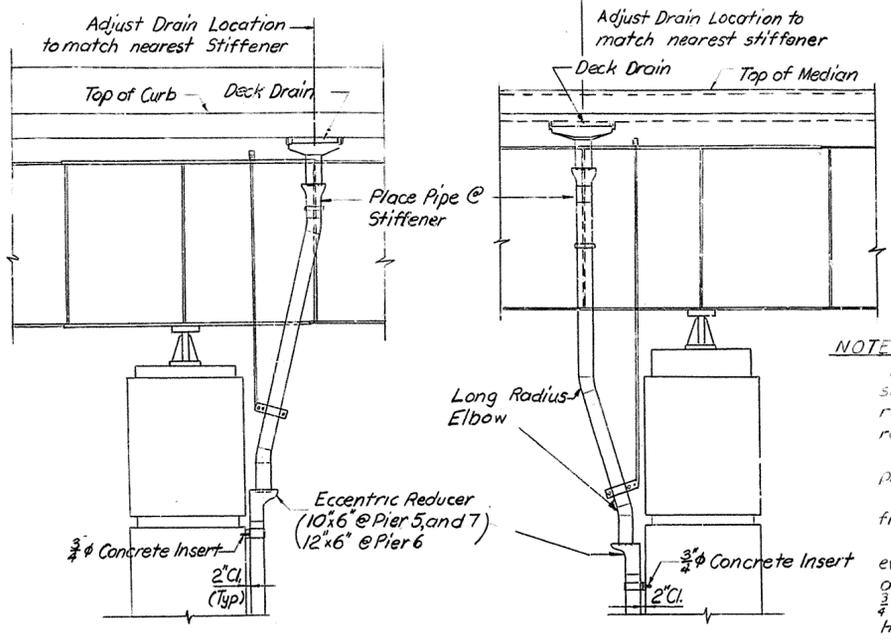
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(34)1
 BRIDGE NUMBER DRAWING INDEX
 NO. 16539



DETAIL @ MEDIAN SIDE (PIERS 6,7)

DETAIL @ CURB SIDE (PIERS 5,6)



SECTION A-A
(Pier Section is Drawn for Pier 6.)

SECTION B-B
(Pier 6 Shown, Pier 7 Deck Drain on the Right Side of Pier.)

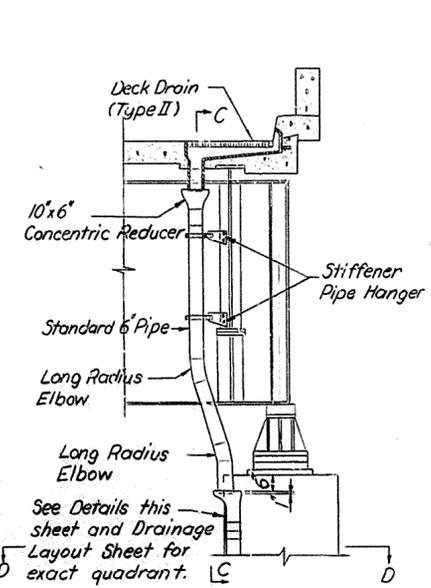
NOTES

All anchoring devices for pipe drains shall be so constructed as to be rattle free and secured against rotation or translation.

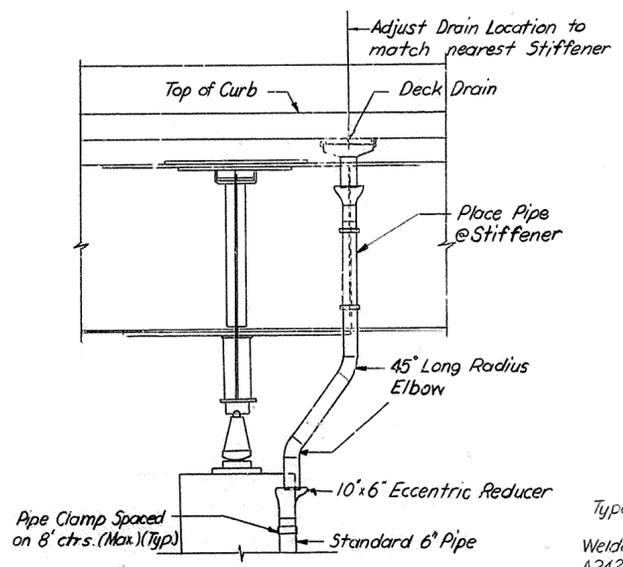
All pipe connections shall be leak proof.

Pipe shall be cut and welded to field dimensions.

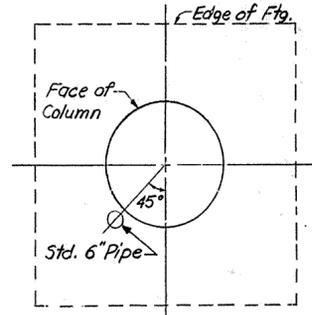
All pipes shall be supported every 10' maximum horizontally and 8' maximum vertically. Either 3/4" Pipe Hanger or Stiffener Pipe Hanger may be used for intermediate support.



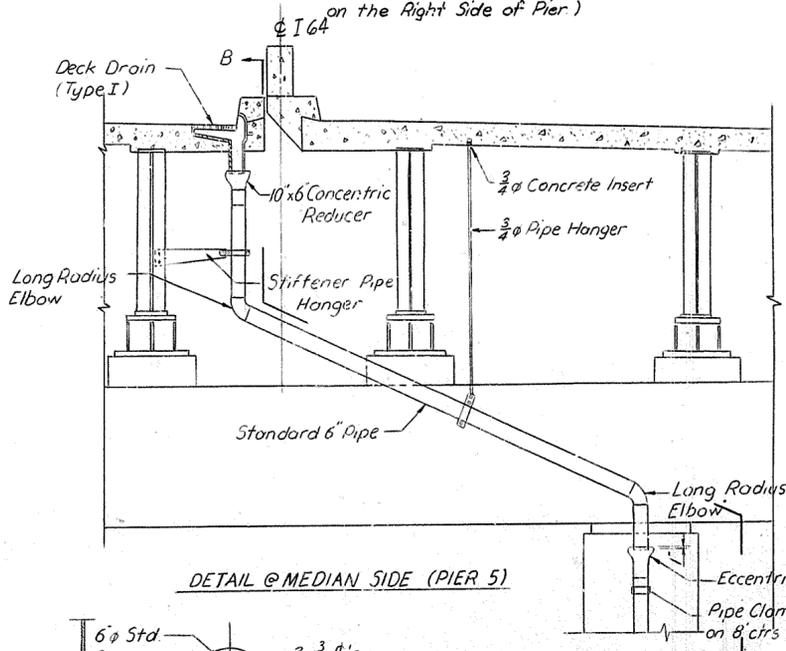
DETAIL @ CURB SIDE (PIER 4)



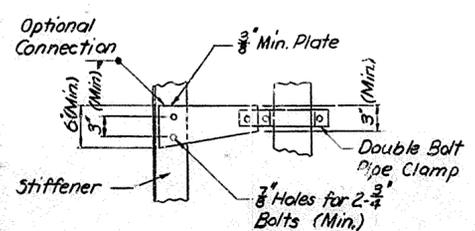
SECTION G-C



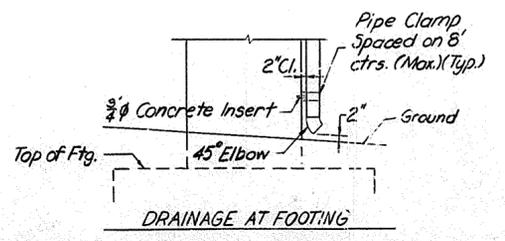
SECTION D-D



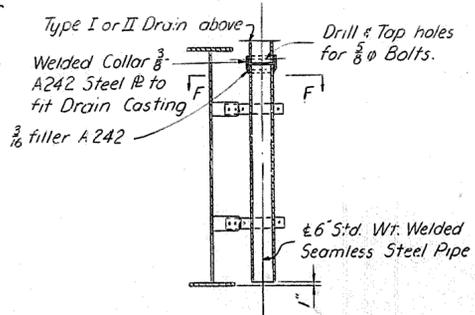
DETAIL @ MEDIAN SIDE (PIER 5)



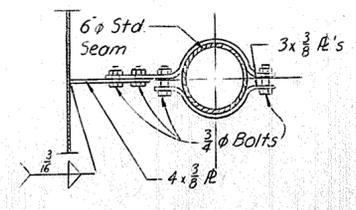
STIFFENER PIPE HANGER



DRAINAGE AT FOOTING



TYPICAL ROADWAY DRAIN DOWNSPOUT



SECTION F-F

DRAINAGE DETAILS

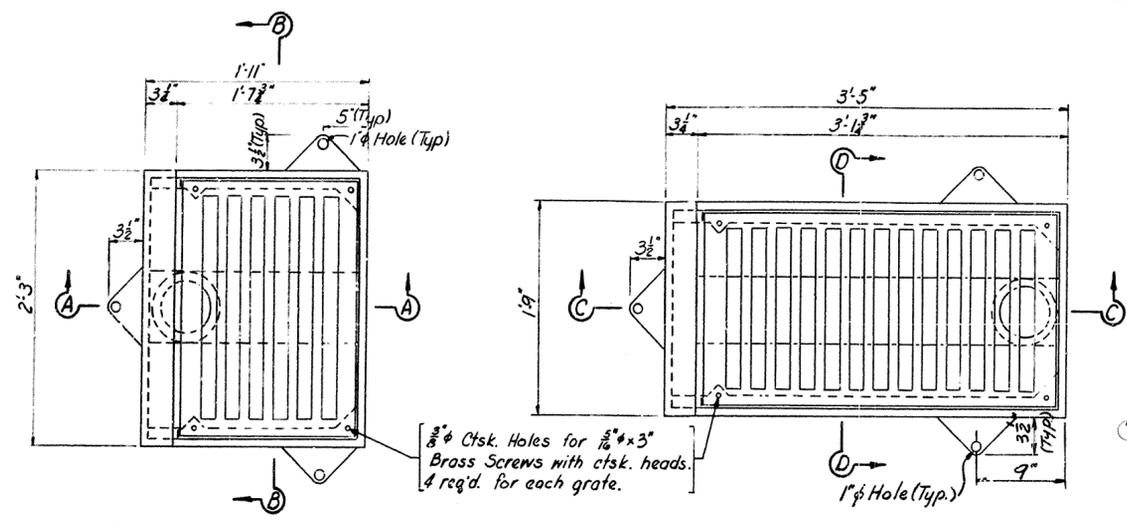
BRIDGE OVER KAITRR AND 27TH STREET SHEET 36 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

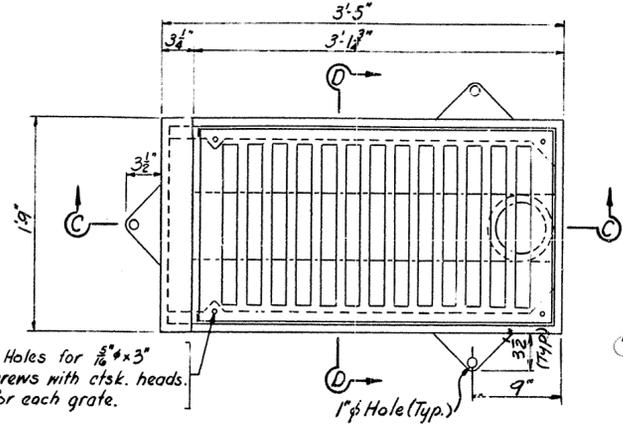
STATION 112+82 PROJECT NO. 164-2(34)1
 BRIDGE NUMBER DRAWING NO. 16539 INDEX

DESIGNED BY: CK
 CHECKED BY: RHB
 DATE: _____
 REVISIONS: _____
 DATE: _____
 CHECKED BY: RHB
 DATE: _____
 TRACKED BY: _____
 DATE: _____

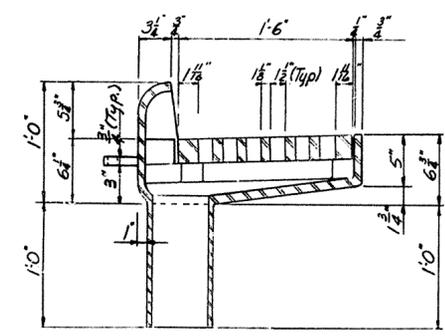
FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



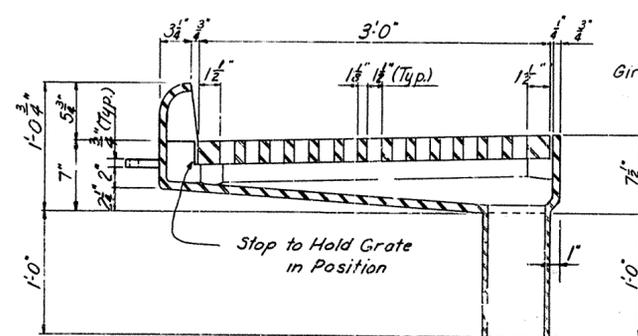
TYPE I DECK DRAIN
Drain Casting @ Median Curb



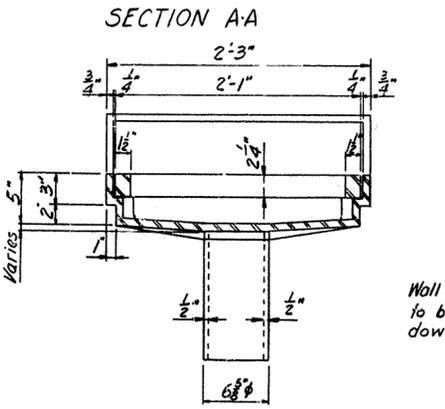
TYPE II DECK DRAIN
Drain Casting @ Fascia Curb



SECTION A-A

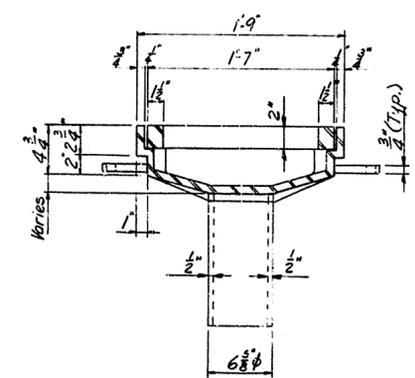


SECTION C-C

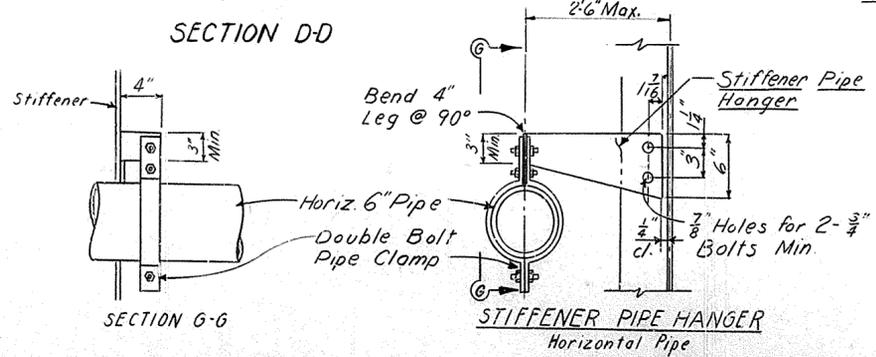


SECTION B-B

Wall thickness of castings to be 3/4" except down pipe.

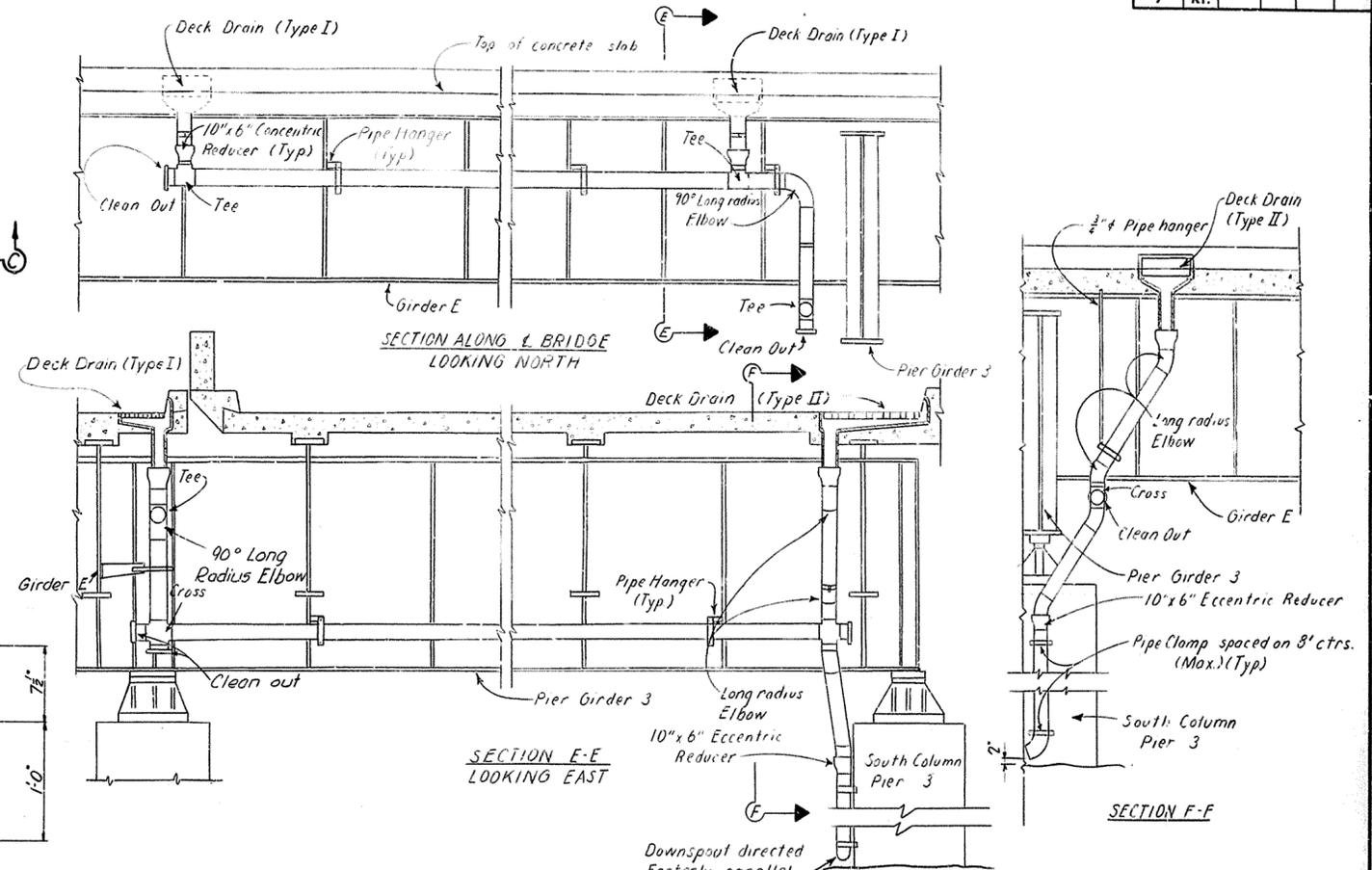


SECTION D-D

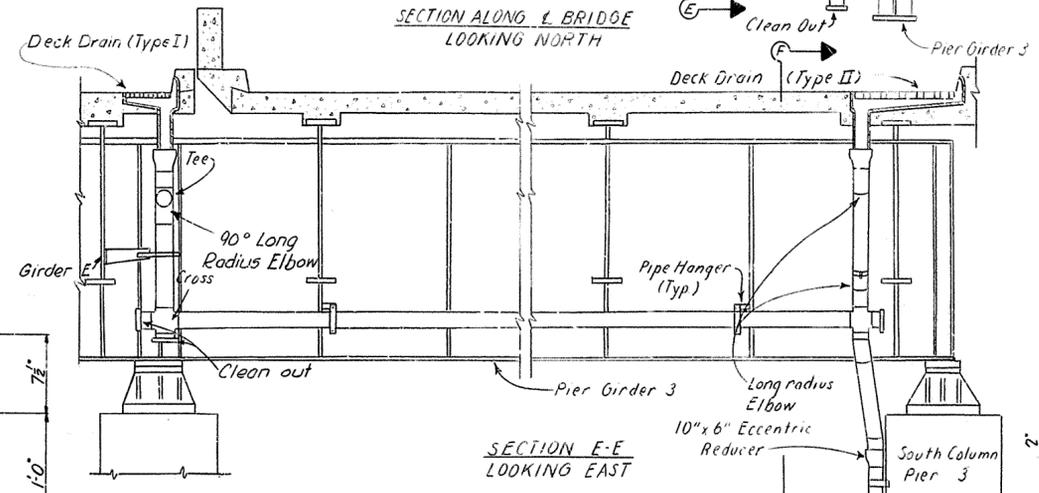


SECTION G-G

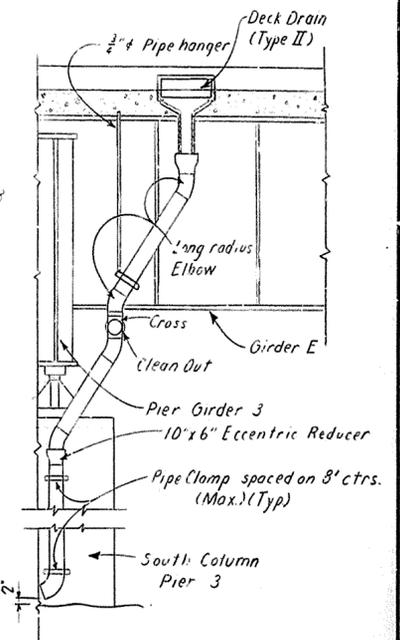
STIFFENER PIPE HANGER
Horizontal Pipe



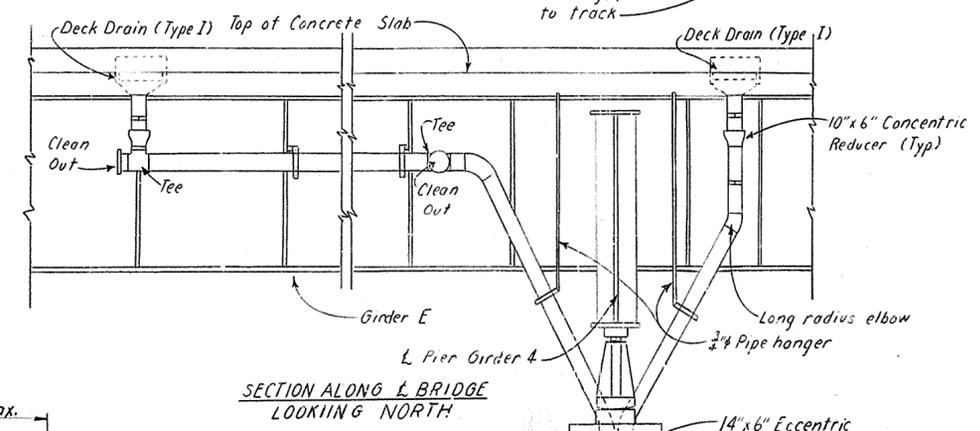
SECTION ALONG L BRIDGE
LOOKING NORTH



SECTION E-E
LOOKING EAST



SECTION F-F



SECTION ALONG L BRIDGE
LOOKING NORTH

Downspout directed Easterly, parallel to track

Drainage Detail Notes:
See Sheet 36

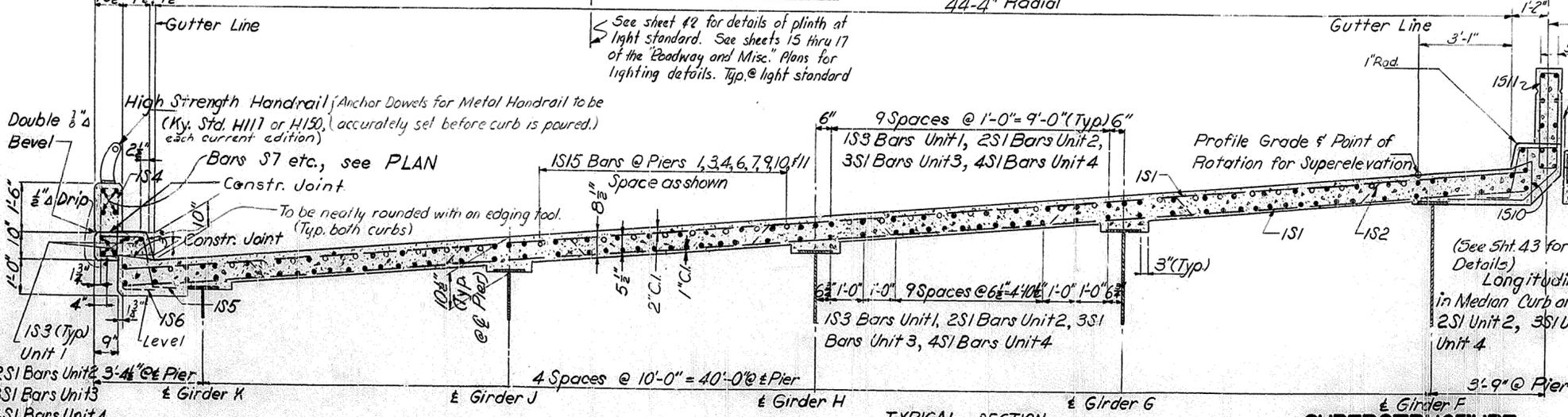
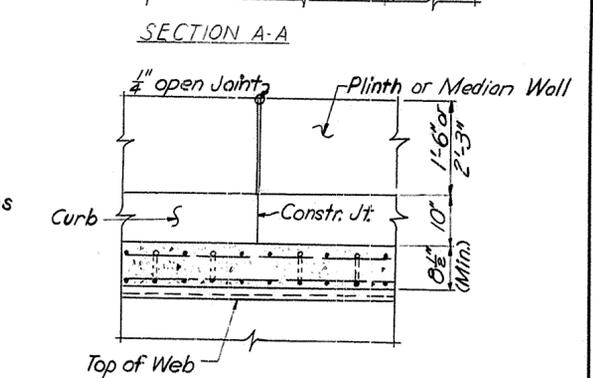
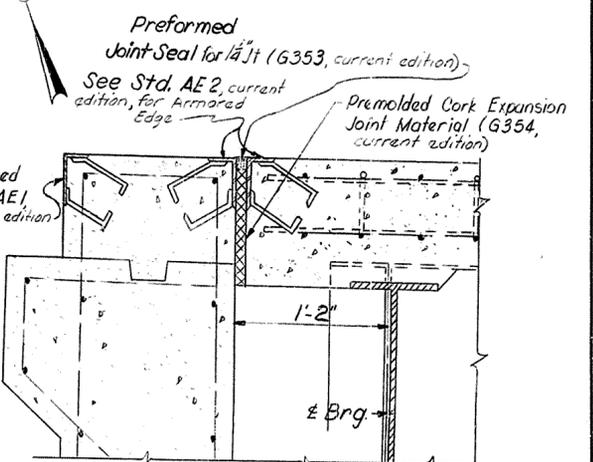
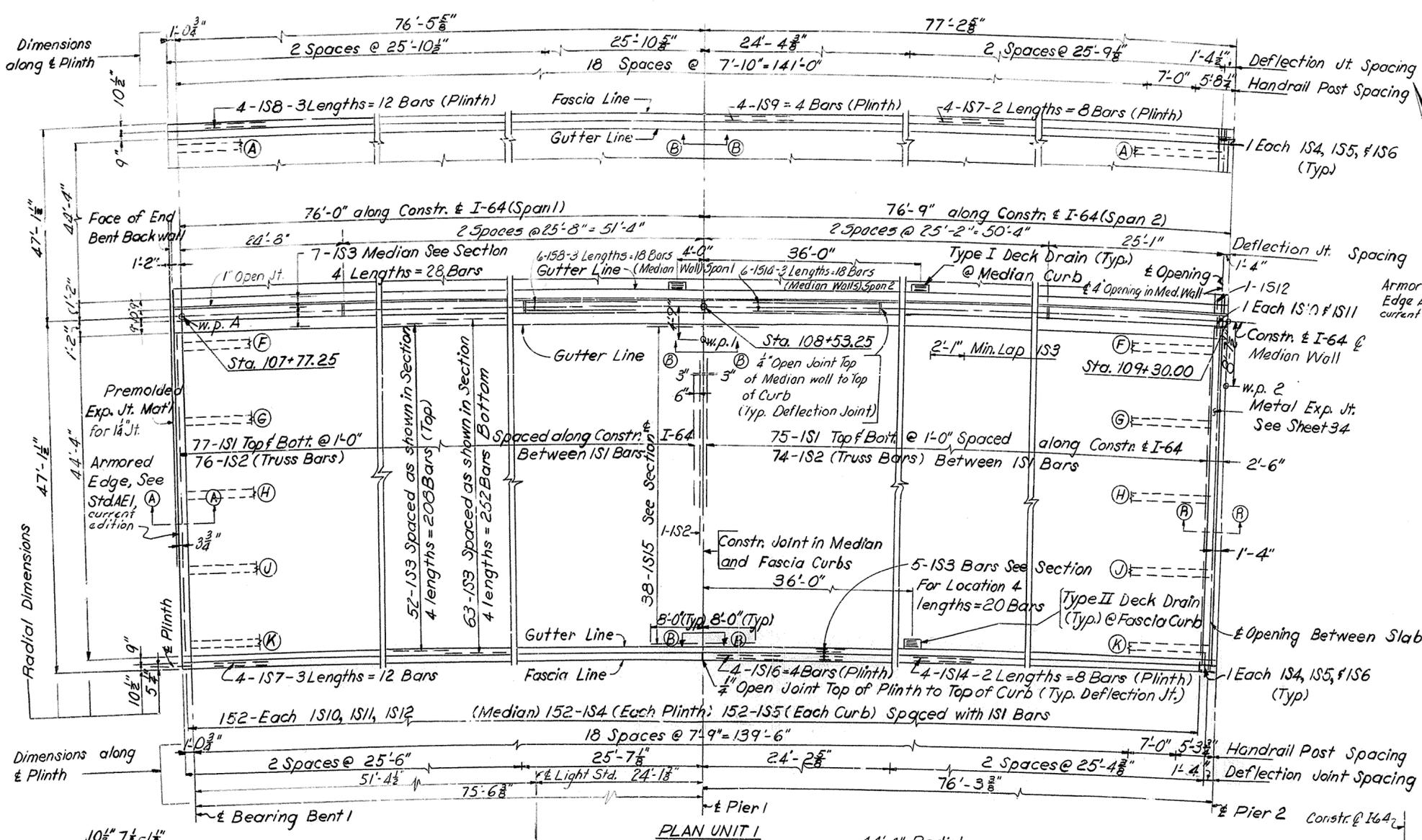
Foundry Notes
Body of Drain Casting shall be Gray Cast Iron ASTM A48, Class No. 30A.
Drain Grates shall be Cast Steel, ASTM A27, Grade 70-36.
Fit grate to body and ship in place.
Form T-521 report of field inspection of castings is to be submitted to the laboratory.
Payment for drain castings will be included in lump sum bid price of Structural Steel.
For Surface Coating and Finish see Note Sheet.

DRAIN DETAILS

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 37 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
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COUNTY OF
JEFFERSON
164 CEDAR GROVE TERRACE TO 13TH STREET
LOUISVILLE-LEXINGTON
ROAD

STATION: SP 56 273 ILL
BRIDGE NUMBER: PROJECT NO. 164-2(341)
DRAWING NO. 16539



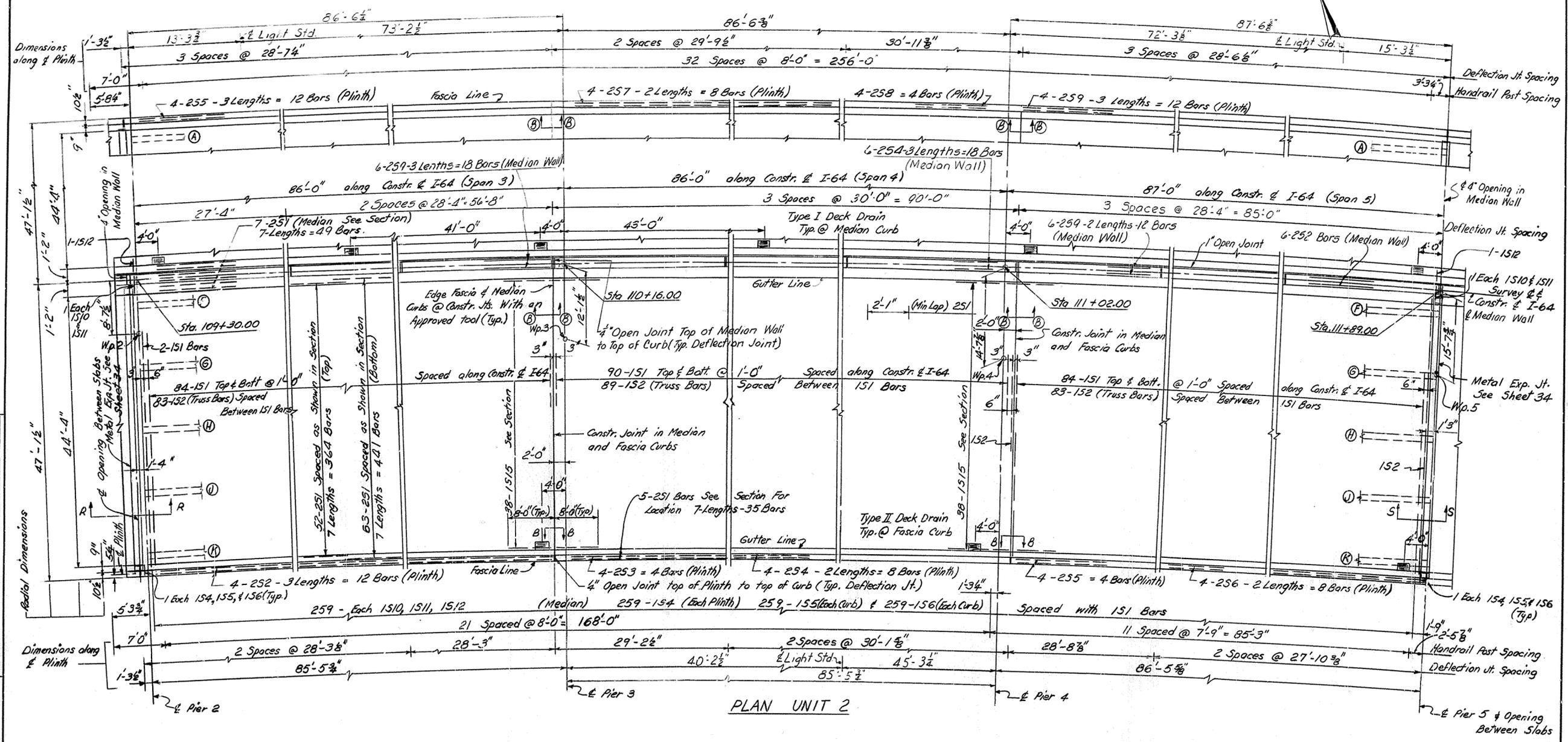
Notes:
 See note on sheet 43 for reinforcement anchorage.
 See Sheet 34 for Section (R-R). All Transverse Reinforcing bars shall be placed radially.

BRIDGE OVER KAITRR AND 27TH STREET SHEET 38 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 I64-CEDAR GROVE TERRACE TO I37TH STREET
 LOUISVILLE - LEXINGTON ROAD

STATION 112+82 BRIDGE NUMBER PROJECT NO. I64-2(34) DRAWING NO. 16539

DESIGNED BY: J.W.H. AND ASSOCIATES, INC. DRAWN BY: J.W.H. AND ASSOCIATES, INC. CHECKED BY: J.W.H. AND ASSOCIATES, INC. APPROVED BY: J.W.H. AND ASSOCIATES, INC. DATE: 10-10-78
 PROJECT: MEDIAN BARRIER RESTRICTION-78-10-10-78
 SHEET NO. 38 OF 50



PLAN UNIT 2

Notes:
 See Sheet 34 For Section R-R & S-S
 See Sheet 33 For Section B-B
 All Transverse Reinforcing bars shall be placed radially

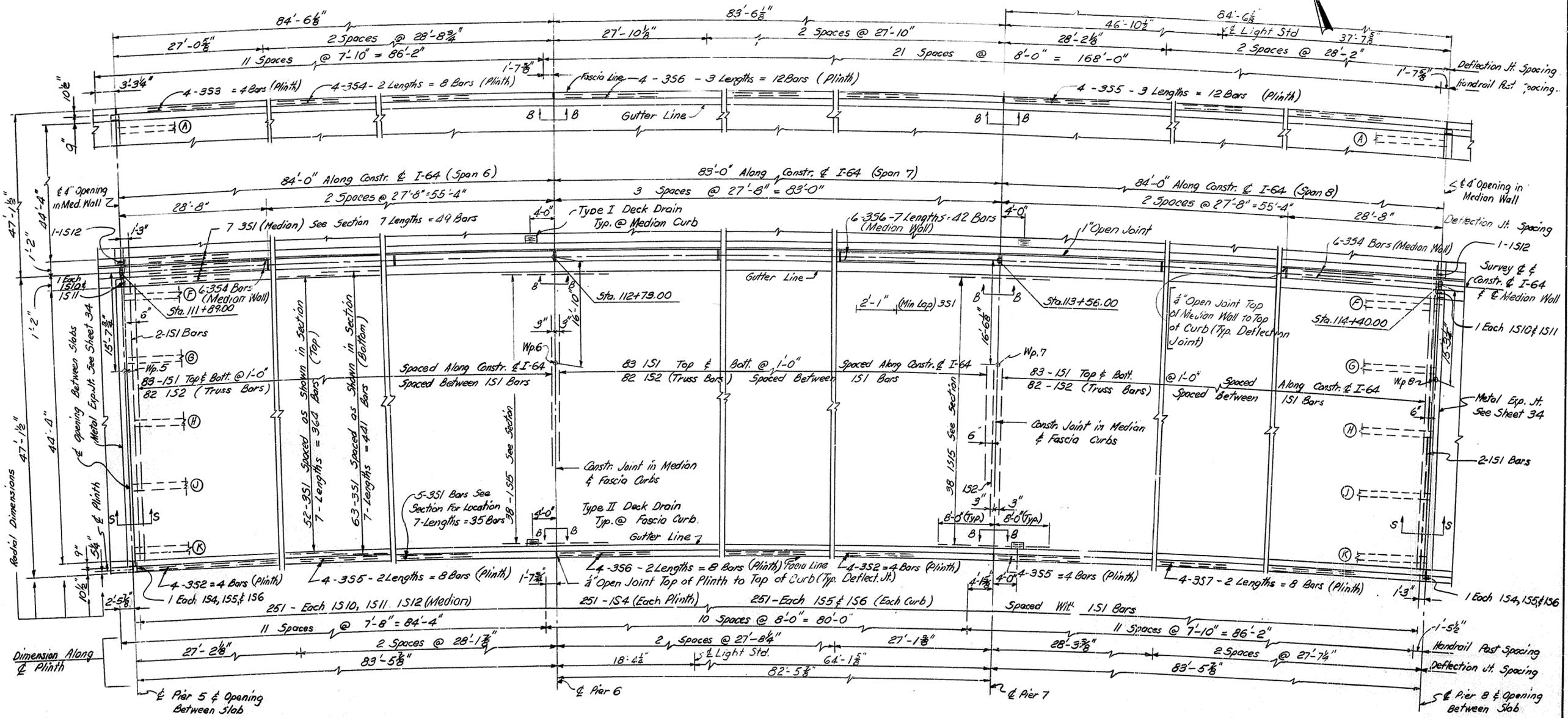
SUPERSTRUCTURE

BRIDGE OVER K&HTRR AND 27TH STREET SHEET 39 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164- CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD S.P. 56-273-III
 STATION 112+82 PROJECT NO. 164-2(34)

BRIDGE NUMBER	DRAWING	INDEX
	NO. 16539	

DESIGNED BY: R.H.B. DATE: 1/21/11
 CHECKED BY: R.H.B. DATE: 1/21/11
 TRACED BY: DATE:



DESIGNED BY: K.H.B. DATE: 1/10/50
 CHECKED BY: R.H.B. DATE: 2/2/50
 TRACED BY: R.H.B. DATE: 2/2/50
 REVISIONS: 1. DATE: 1/10/50 BY: K.H.B. REASON: REVISED
 2. DATE: 2/2/50 BY: R.H.B. REASON: REVISED

PLAN UNIT 3

NOTES:
 See Sheet 3A For Section 5-5
 See Sheet 3B For Section B-B
 All Transverse Reinforcing bars shall be placed radially.

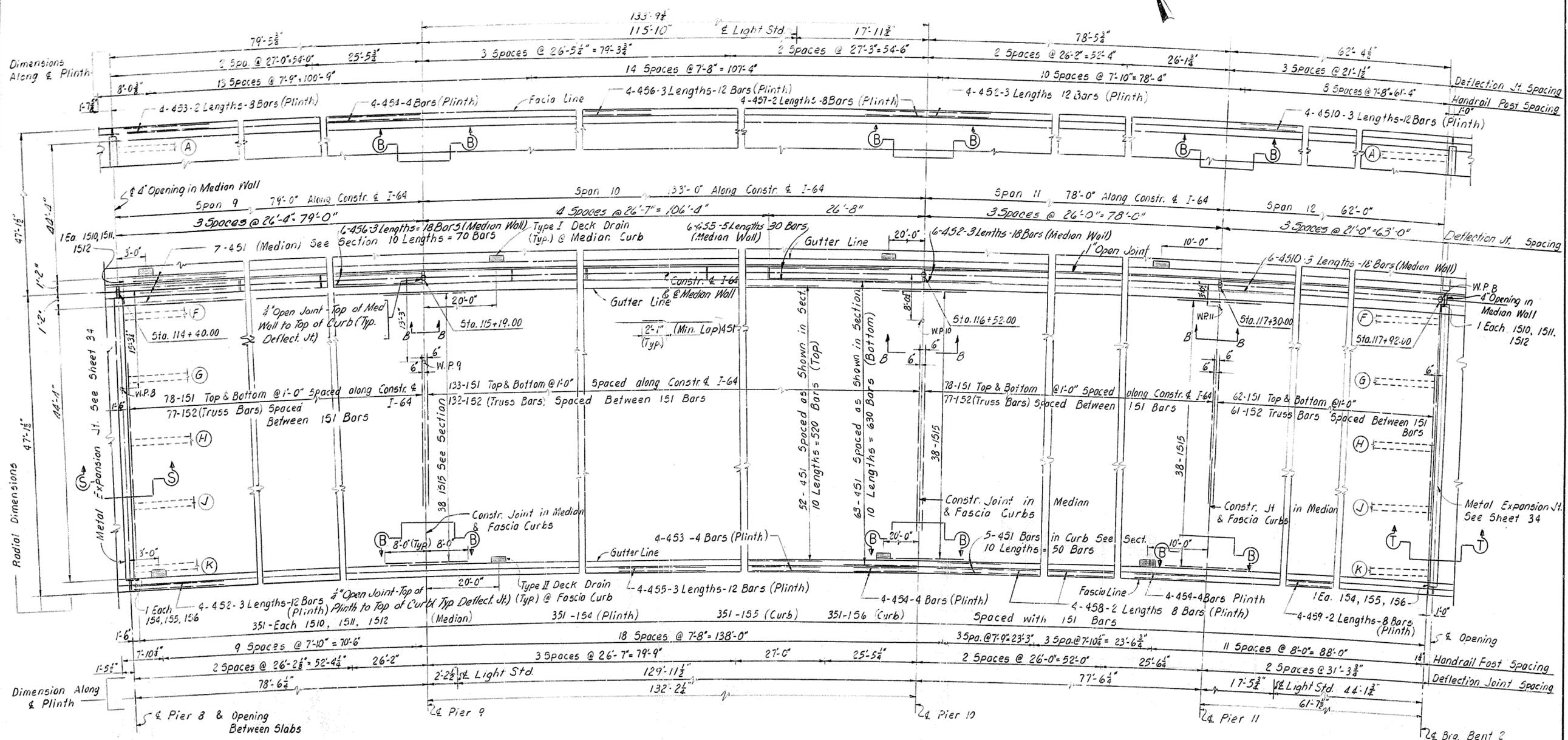
SUPERSTRUCTURE

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 40 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
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 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(34)1 SP 56-273-11L

BRIDGE NUMBER	DRAWING NO.	INDEX
	16539	



DESIGNED BY: J.M.H. CHECKED BY: M.V.S. DATE: 11/12/55
 DRAWN BY: J.M.H. DATE: 11/12/55
 TRACED BY: J.M.H. DATE: 11/12/55

PLAN UNIT 4

See Sheet 34 for Section S-S & T-T
 See Sheet 36 for Section B-B

All Transverse Reinforcing bars shall be placed radially.

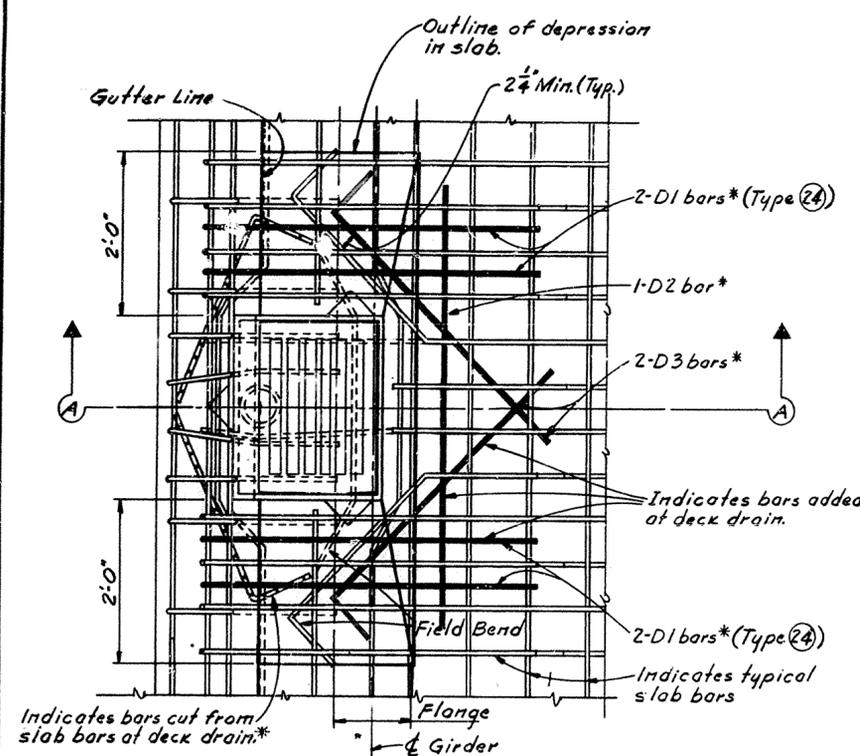
SUPERSTRUCTURE

BRIDGE OVER K&ITRR AND 27TH STREET SHEET 41 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
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 LOUISVILLE-LEXINGTON ROAD

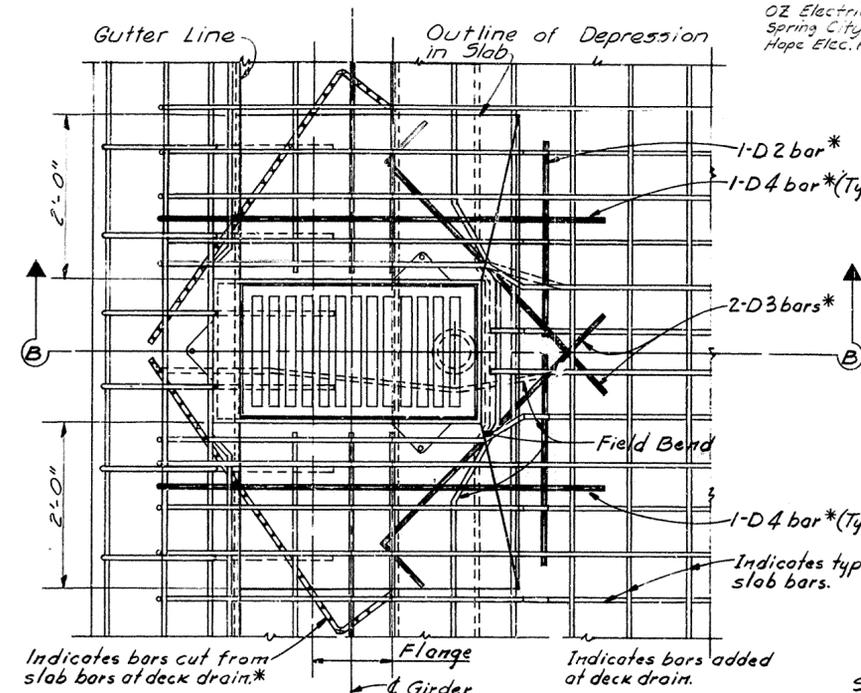
STATION 112+82 PROJECT NO. 164-2(34) SP 56-273-11L
 BRIDGE NUMBER 16539 DRAWING NO. INDEX

FED. ROAD DIST.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KY.				



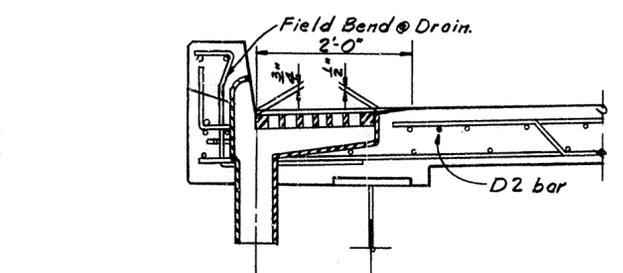
PLAN FOR REINFORCEMENT AT TYPE I DECK DRAIN

Cut or bend Longitudinal Reinforcing as shown or as necessary
 Cut or bend Transverse steel as shown.
 *Place near top of slab.

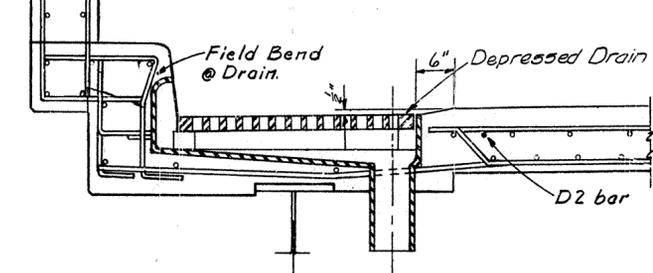


PLAN FOR REINFORCEMENT AT TYPE II DECK DRAIN

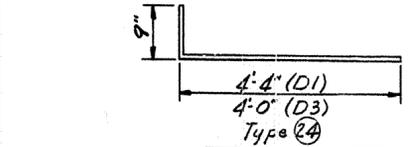
Cut or bend Longitudinal Reinforcing as shown or as necessary
 Cut or bend Transverse steel as shown.
 *Place near top of slab.



SECTION A A



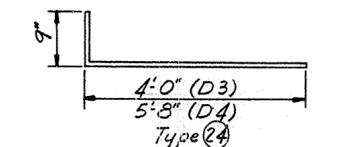
SECTION B B



BILL OF REINFORCEMENT

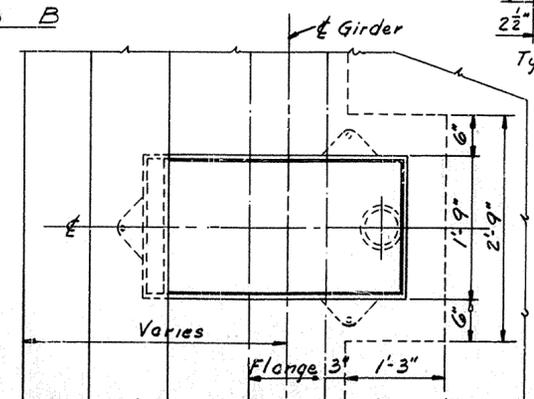
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D1	(24)	6	4	5 1
D2	Str.	6	1	5 6
D3	(24)	6	2	4 9

Note:
 "Bill of Reinforcement" indicates the number required for each installation and bars are billed for construction with superstructure.



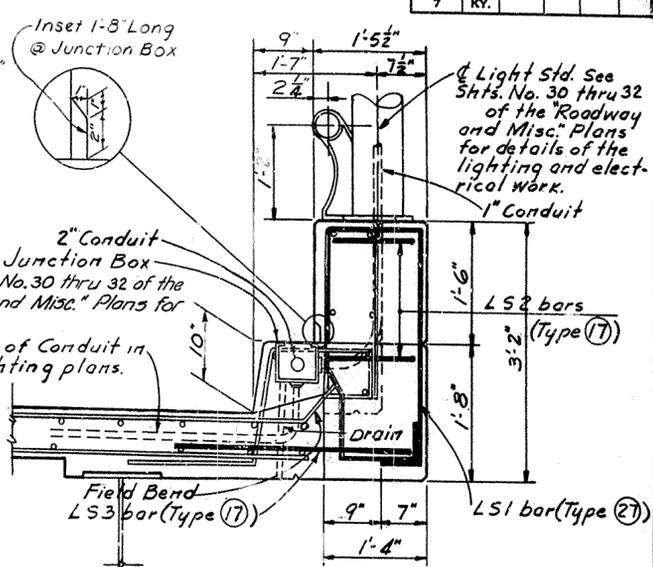
BILL OF REINFORCEMENT

Mark	Type	Size	No.	Length Ft. In.
D2	Str.	6	1	5 6
D3	(24)	6	2	4 9
D4	(24)	6	2	6 5



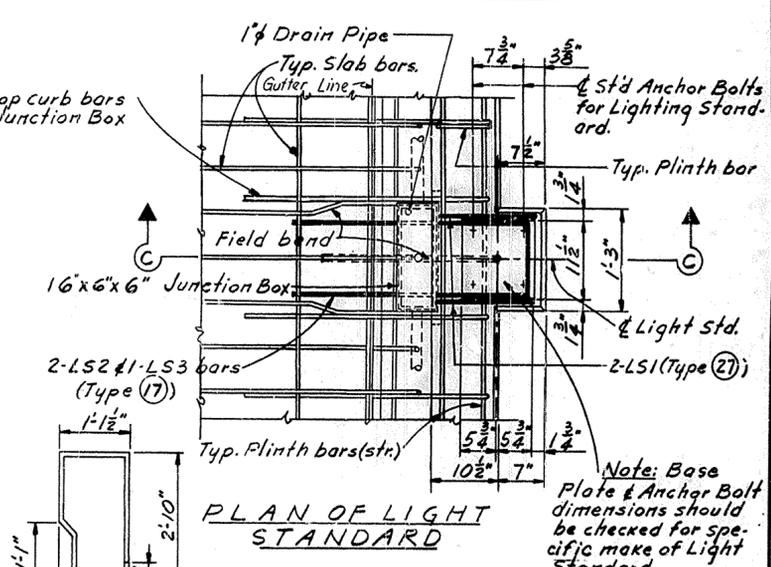
DETAIL OF CONCRETE HAUNCH AT TYPE II DECK DRAIN SUPERSTRUCTURE

The Junction Box shall be one of the following or an approved equal:
 OZ Electric Co. ~ Type "4U"
 Spring City Elec. Co. ~ Type "IR"
 Hope Elec. Products Co. ~ Type "H6200"



SECTION C C

Spread top curb bars to clear Junction Box



PLAN OF LIGHT STANDARD

BILL OF REINFORCEMENT

Mark	Type	Size	No.	Length Ft. In.
L51	(27)	4	2	8 8
L52	(17)	4	2	2 11
L53	(17)	4	1	6 11

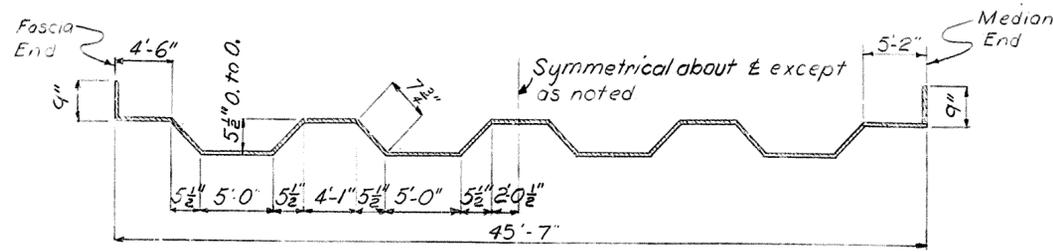
BRIDGE OVER K&ITRR AND 27TH STREET SHEET 42 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE-LEXINGTON ROAD

STATION 112+82 PROJECT NO. 164-2(34)
 SP. 86 273 ILL.
 BRIDGE NUMBER DRAWING NO. INCH
 16539

Bill of Bar Reinforcement

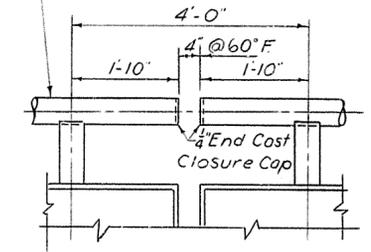
MARK	TYPE	SIZE	LENGTH		NUMBER of Bars					LOCATION
			feet	inch	Unit1	Unit2	Unit3	Unit4	Total	
1S1	Str.	#6	45	7	608	1036	1004	1404	4052	Slab Trans.
1S2	①	#6	48	7	302	514	494	694	2004	" "
1S3	Str.	#5	39	6	988				988	" Long.
1S4	②	#6	5	9	306	522	506	706	2040	Plinth Trans.
1S5	④	#7	3	8	306	522	506	706	2040	Curb "
1S6	③	#4	3	0	306	522	506	706	2040	" "
1S7	Str.	#4	25	2	20				20	Plinth Long.
1S8	"	#4	25	6	30				30	Plinth&Med.
1S9	"	#4	24	0	4				4	Plinth Long.
1S10	⑤	#7	7	5	153	261	253	353	1020	Median Trans.
1S11	②	#6	7	5	153	261	253	353	1020	" "
1S12	④	#4	2	9	153	261	253	353	1020	" "
1S13										Not Used
1S14	Str.	#4	25	0	26				26	Plinth&Med.
1S15	"	#8	16	0	76	152	228	608	608	Slab Long.
1S16	"	#4	23	10	4				4	Plinth "
2S1	Str.	#5	38	9		1729			1729	Slab Long.
2S2	"	#4	27	11		18			18	Plinth&Med.
2S3	"	"	28	10		4			4	Plinth Long.
2S4	"	"	29	9		26			26	Plinth&Med.
2S5	"	"	28	3		16			16	Plinth Long.
2S6	"	"	27	3		8			8	" "
2S7	"	"	29	5		8			8	" "
2S8	"	"	30	7		4			4	" "
2S9	"	"	28	2		42			42	Plinth&Med.
3S1	Str.	#5	37	8		1729			1729	Slab Long.
3S2	"	#4	26	9		8			8	Plinth "
3S3	"	"	26	6		4			4	" "
3S4	"	"	28	4		20			20	Plinth&Med.
3S5	"	"	27	9		24			24	Plinth Long.
3S6	"	"	27	4		62			62	Plinth&Med.
3S7	"	"	27	2		8			8	Plinth Long.
4S1	Str.	#5	37	3		2470	2470		2470	Slab Long.
4S2	"	#4	25	9		42	42		42	Plinth&Med.
4S3	"	"	26	6		12	12		12	Plinth Long.
4S4	"	"	25	0		12	12		12	" "
4S5	"	"	26	3		42	42		42	Plinth&Med.
4S6	"	"	26	0		30	30		30	" "
4S7	"	"	26	9		8	8		8	Plinth Long.
4S8	"	"	25	6		8	8		8	" "
4S9	"	"	30	10		8	8		8	" "
4S10	"	"	20	9		30	30		30	Plinth&Med.
D1	24	6	5	1	8	24	8	16	56	Drains
D2	Str.	6	5	6	3	9	4	8	24	"
D3	24	6	4	9	6	18	8	16	48	"
D4	24	6	6	5	2	6	4	8	20	"
LS1	27	4	8	8	2	6	4	6	18	Light Std.
LS2	17	4	2	11	2	6	4	6	18	" "
LS3	17	4	6	11	1	3	3	9	" "	



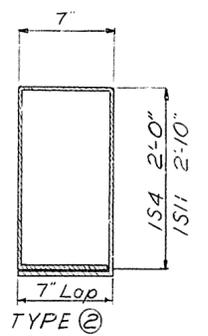
TYPE ①

Notes:
The top layer of slab reinforcement shall be positively anchored to the slab forms on 10' centers in each direction to prevent movement during pouring of slab concrete.

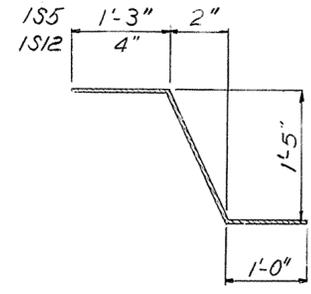
Metal Handrail, For Detail See Ky. Std. Dwg. H-117, current edition.



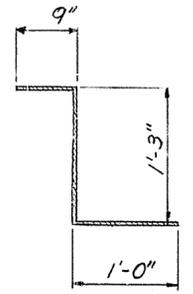
DETAIL OF HANDRAIL AT EXPANSION DAM



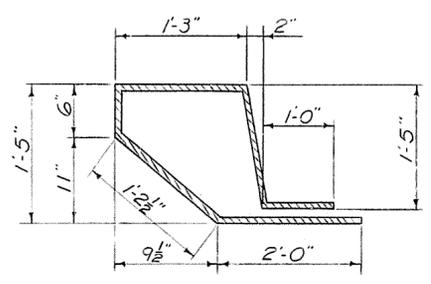
TYPE ②



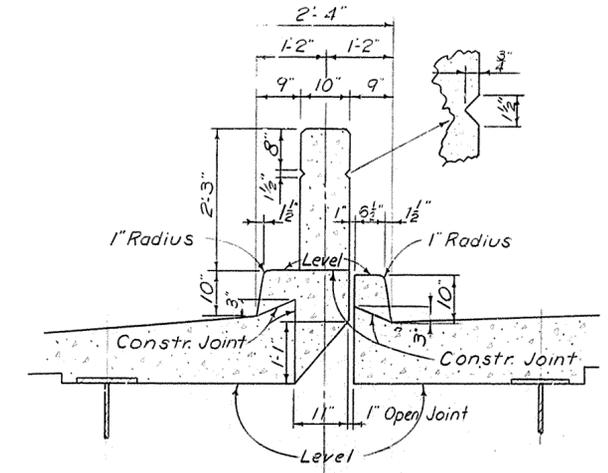
TYPE ④



TYPE ③



TYPE ⑤



MEDIAN DETAIL

QUANTITIES		
Concrete - Class AA	2955.7	Cu. Yds.
Steel Reinforcement	800,529	lbs.
High-Strength Handrail	2034.0	Lin. ft.
Protective Coating	11,880	Sq. Yds.

DESIGNED BY: C.V.D.A. DATE: 1/11/11
 CHECKED BY: DATE: 1/11/11
 REVISION: MEDIAN BARRIER RESTRICTION FEB 01-11

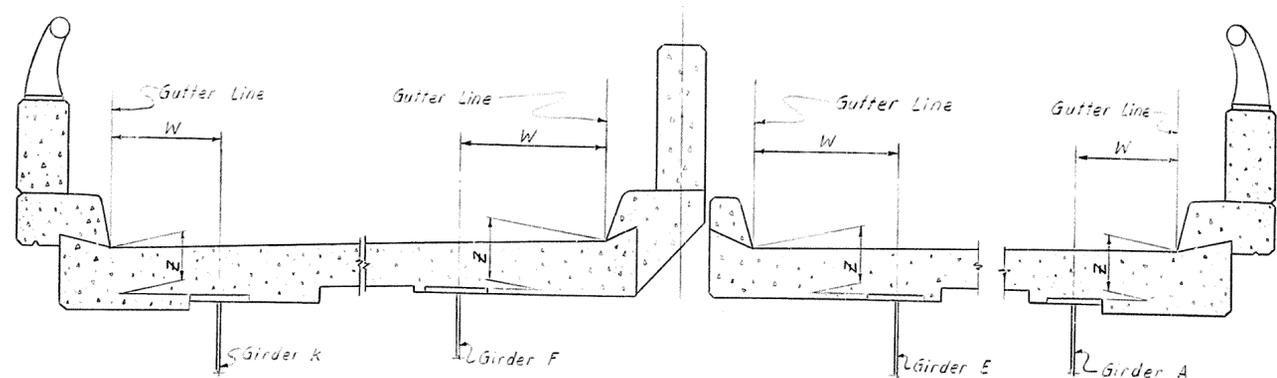
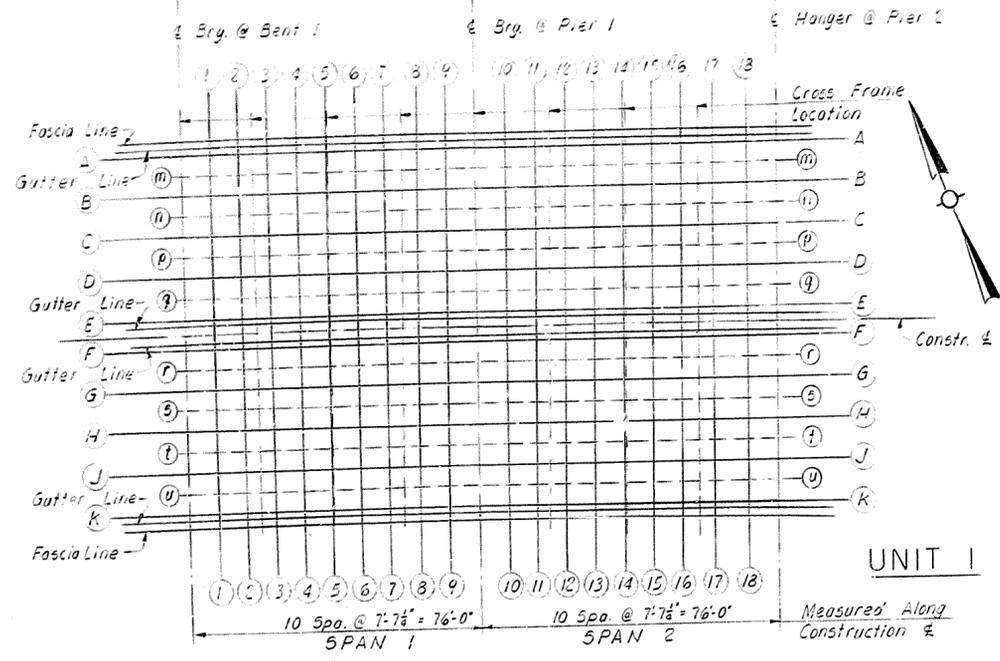
SUPERSTRUCTURE

BRIDGE OVER KBITRR AND 27TH STREET SHEET 43 OF 50

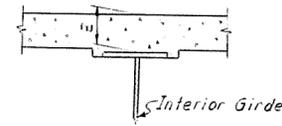
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(34) SP 56-273-11L

BRIDGE NUMBER	16539	INDEX
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TYPICAL SECTION



TYPICAL SECTION

T = Top of Slab Elev.
 B = Bottom of Slab Elev.
 CST = Computed Slab Thickness

CONSTRUCTION NOTES

- Lay out Sections (1), (2) etc. as shown in plan on sheets 44 thru sheet 48. Center punch mark on top of girders for elevation points.
- Read elevations on top of girders as erected, after diaphragms and cross frames are in place and shoring and falsework are removed, but before forms are placed and deck slab, walks, plinths, etc. are poured. These elevations are to be entered in the table as Elevation 'Y'.
- Compute Dimension 'Z' (see Typical Sections). Top of concrete Elevation 'X' minus Elevation 'Y' equals Dimension 'Z'.
- Always measure from top of girder to top of slab (Dimension 'Z') for setting templates. DO NOT set templates by Elevations 'X'.
- Elevation 'X' include calculated deflections due to weight of floor slab, walks, plinths handrail and median.
- Gutter line elevations (X@Gutter) contain the deflections of the adjacent girder as shown in Typical Sections. Dimension 'Z' will indicate the difference in elevation of the top of girder at the center punch mark and the gutter line at a point measured along the section line Dimension 'W' from the center of girder (center punch mark).

See Sheet 45 for Note for 'Table of Elevations for Control of Slab Thickness'.

TABLE OF ELEVATIONS FOR CONTROL OF SLAB THICKNESS

SECTION	Line m			Line n			Line p			Line q			Line r			Line s			Line t			Line u		
	T	B	CST																					
1	490.432			490.276			490.120			489.964			489.824			489.668			489.512			489.356		
4	490.721			490.565			490.409			490.253			490.112			489.956			489.800			489.644		
6	490.865			490.709			490.553			490.397			490.257			490.101			489.945			489.789		
9	491.033			490.877			490.721			490.565			490.424			490.268			490.112			489.956		
10	491.147			490.989			490.831			490.674			490.534			490.378			490.224			490.070		
13	491.319			491.155			491.013			490.834			490.674			490.541			490.391			490.245		
15	491.402			491.234			491.069			490.909			490.760			490.617			490.470			490.328		
18	491.454			491.280			491.110			490.948			490.808			490.659			490.516			490.382		

Note: Lines m, n, p, q, r, s, t & u are midway between beam lines

TABLE OF ELEVATIONS FOR SPANS 1 & 2

SECTION	GIRDER A		GIRDER B		GIRDER C		GIRDER D		GIRDER E		GIRDER F		GIRDER G		GIRDER H		GIRDER J		GIRDER K		SECTION		
	W	X@Gutter	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X		Y	
ε Brg	1'-9"	490.425			490.241			490.085			489.929			489.733			489.577			489.421			
1	1'-9"	538			-354			-198			490.042			846			2'-6"	2'-7"	943		-746		
2	1'-9"	644			-460			-304			490.049			952			2'-6"	2'-7"	949		-851		
3	1'-9"	741			-556			-400			490.049			1045			2'-6"	2'-8"	948		-948		
4	1'-9"	828			-643			-487			490.049			1145			2'-6"	2'-8"	948		-948		
5	1'-9"	905			-720			-564			490.049			1232			2'-6"	2'-8"	948		-948		
6	1'-9"	972			-787			-631			490.049			1309			2'-6"	2'-8"	948		-948		
7	1'-9"	1032			-847			-691			490.049			1377			2'-6"	2'-8"	948		-948		
8	1'-9"	1086			-902			-746			490.049			1437			2'-6"	2'-8"	948		-948		
9	1'-9"	1139			-955			-799			490.049			1491			2'-6"	2'-8"	948		-948		
ε Brg	1'-9"	1193			-1009			-853			490.049			1543			2'-6"	2'-8"	948		-948		
10	1'-9"	1254			-1067			-909			490.049			1597			2'-6"	2'-8"	948		-948		
11	1'-9"	1316			-1127			-967			490.049			1652			2'-6"	2'-8"	948		-948		
12	1'-9"	1377			-1184			-1023			490.049			1709			2'-6"	2'-8"	948		-948		
13	1'-9"	1432			-1237			-1074			490.049			1764			2'-6"	2'-8"	948		-948		
14	1'-9"	1480			-1282			-1117			490.049			1816			2'-6"	2'-8"	948		-948		
15	1'-9"	1518			-1317			-1150			490.049			1864			2'-6"	2'-8"	948		-948		
16	1'-9"	1546			-1343			-1174			490.049			1909			2'-6"	2'-8"	948		-948		
17	1'-9"	1564			-1359			-1188			490.049			1921			2'-6"	2'-8"	948		-948		
18	1'-9"	1573			-1366			-1193			490.049			1924			2'-6"	2'-8"	948		-948		
ε Hanger	1'-9"	1575			-1365			-1191			490.049			1924			2'-7"	2'-7"	919		-727		

BRIDGE OVER KBITRR AND 27TH STREET SHEET 44 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD S.P. 56-273-11L
 PROJECT NO. 164-2(34)

STATION 112+82
 BRIDGE NUMBER DRAWING INDEX
 No. 16539

CONSTRUCTION ELEVATIONS

DESIGNED BY: JWH
 CHECKED BY: EUS
 DATE: 1-1-54
 TRACED BY: JWH
 DATE: 1-1-54

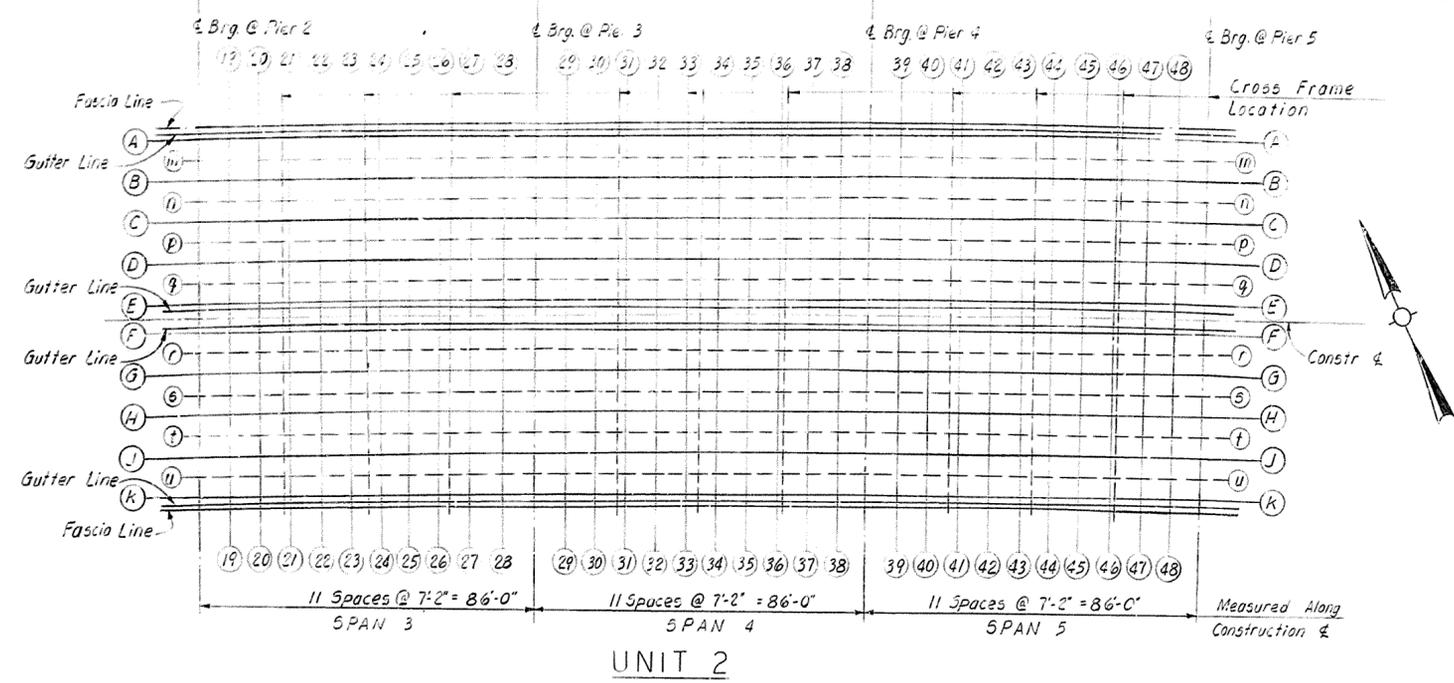


TABLE OF ELEVATIONS FOR CONTROL OF SLAB THICKNESS

SECTION	Line m			Line n			Line p			Line q			Line r			Line s		
	T	B	CST															
19	491.487			491.313			491.143			490.950			490.837			490.691		
22	491.524			491.356			491.191			491.029			490.889			490.744		
25	491.469			491.302			491.141			490.981			490.842			490.697		
28	491.329			491.191			491.015			490.859			490.718			490.574		
29	491.228			491.077			490.921			490.760			490.624			490.480		
32	491.080			490.932			490.772			490.612			490.475			490.330		
35	490.889			490.742			490.584			490.421			490.282			489.900		
38	490.660			490.510			490.351			490.186			490.045			489.738		
39	490.500			490.349			490.190			490.026			489.884			489.480		
42	490.239			490.090			489.927			489.771			489.629			489.141		
45	489.906			489.755			489.594			489.438			489.297			488.711		
48	489.476			489.320			489.162			489.008			488.867					

NOTE: Lines m, n, p, q, r, s, t & u are midway between beam lines

TABLE OF ELEVATIONS FOR SPANS 3, 4 & 5

SECTION	Line t			Line u		
	T	B	CST	T	B	CST
19	490.549			490.411		
22	490.597			490.451		
25	490.547			490.393		
28	490.420			490.258		
29	490.325			490.161		
32	490.176			490.012		
35	489.983			489.820		
38	489.747			489.584		
39	489.565			489.423		
42	489.326			489.166		
45	488.991			488.829		
48	488.555			488.399		

T = Top of Slab Elev.
B = Bottom of Slab Elev.
CST = Computed Slab Thickness

TABLE OF ELEVATIONS FOR SPANS 3, 4 & 5

SECTION	GIRDER A			GIRDER B			GIRDER C			GIRDER D			GIRDER E			GIRDER F			GIRDER G			GIRDER H			GIRDER J			GIRDER K			SECTION	
	X@Gutter	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X@Gutter	Y	Z	W				
19	1'-9"	491.576		491.367			491.192			491.025			490.824	2'-7"	2'-7"	490.920			490.729			490.583			490.446			490.289			1'-9"	19
20	1'-9"	628		491.399			491.226			491.060			490.860	2'-6"	2'-7"	976			764			490.479			490.319			490.181			1'-8"	20
21	1'-9"	640		491.423			491.252			491.086			490.887	2'-6"	2'-7"	984			792			490.646			490.504			490.340			1'-8"	21
22	1'-9"	640		491.437			491.268			491.104			490.904	2'-5"	2'-8"	491.002			810			490.663			490.520			490.352			1'-7"	22
23	1'-9"	630		491.432			491.273			491.109			490.910	2'-5"	2'-8"	1009			817			490.669			490.524			490.353			1'-7"	23
24	1'-9"	608		491.413			491.270			491.104			490.905	2'-5"	2'-8"	1004			812			490.665			490.517			490.343			1'-7"	24
25	1'-9"	576		491.413			491.270			491.104			490.905	2'-5"	2'-8"	490.988			797			490.649			490.499			490.321			1'-7"	25
26	1'-9"	534		491.413			491.270			491.104			490.905	2'-5"	2'-8"	962			771			490.623			490.471			490.288			1'-7"	26
27	1'-9"	485		491.413			491.270			491.104			490.905	2'-5"	2'-8"	926			736			490.587			490.433			490.247			1'-7"	27
28	1'-9"	433		491.413			491.270			491.104			490.905	2'-6"	2'-7"	883			694			490.545			490.389			490.198			1'-8"	28
29	1'-9"	380		491.413			491.270			491.104			490.905	2'-6"	2'-7"	857			648			490.499			490.341			490.146			1'-8"	29
30	1'-9"	334		491.413			491.270			491.104			490.905	2'-7"	2'-7"	790			603			490.452			490.292			490.093			1'-9"	30
31	1'-9"	287		491.413			491.270			491.104			490.905	2'-6"	2'-7"	743			554			490.405			490.245			490.046			1'-8"	31
32	1'-9"	239		491.413			491.270			491.104			490.905	2'-6"	2'-7"	695			506			490.357			490.197			490.000			1'-8"	32
33	1'-9"	187		491.413			491.270			491.104			490.905	2'-5"	2'-8"	647			457			490.308			490.148			489.952			1'-7"	33
34	1'-9"	130		491.413			491.270			491.104			490.905	2'-5"	2'-8"	595			404			490.255			490.096			489.900			1'-7"	34
35	1'-9"	76		491.413			491.270			491.104			490.905	2'-5"	2'-8"	526			346			490.197			490.039			489.843			1'-7"	35
36	1'-9"	21		491.413			491.270			491.104			490.905	2'-5"	2'-8"	472			281			490.133			489.974			489.779			1'-7"	36
37	1'-9"	84		491.413			491.270			491.104			490.905	2'-5"	2'-8"	402			211			490.063			489.903			489.709			1'-7"	37
38	1'-9"	760		491.413			491.270			491.104			490.905	2'-6"	2'-7"	325			134			489.986			489.827			489.633			1'-7"	38
39	1'-9"	680		491.413			491.270			491.104			490.905	2'-6"	2'-7"	245			54			489.973			489.814			489.554			1'-8"	39
40	1'-9"	600		491.413			491.270			491.104			490.905	2'-7"	2'-7"	164			892			489.944			489.785			489.473			1'-9"	40
41	1'-9"	521		491.413			491.270			491.104			490.905	2'-6"	2'-7"	82			811			489.922			489.763			489.454			1'-8"	41
42	1'-9"	436		491.413			491.270			491.104			490.905	2'-6"	2'-7"	003			731			489.924			489.765			489.455			1'-7"	42
43	1'-9"	346		491.413			491.270			491.104			490.905	2'-5"	2'-8"	839			646			489.892			489.733			489.424			1'-7"	43
44	1'-9"	246		491.413			491.270			491.104			490.905	2'-5"	2'-8"	749			555			489.870			489.711			489.404			1'-7"	44
45	1'-9"	135		491.413			491.270			491.104			490.905	2'-5"	2'-8"	649			454			489.848			489.689			489.378			1'-7"	45
46	1'-9"	736		491.413			491.270			491.104			490.905	2'-5"	2'-8"	539			343			489.826			489.667			489.356			1'-7"	46
47	1'-9"	582		491.413			491.270			491.104			490.905	2'-5"	2'-8"	417			221			489.804			489.645			489.334			1'-7"	47
48	1'-9"	419		491.413			491.270			491.104			490.905	2'-6"	2'-7"	284			88			489.782			489.623			489.312			1'-8"	48
49	1'-9"			491.413			491.270			491.104			490.905	2'-6"	2'-7"	140			790			489.760			489.601			489.316			1'-9"	49

NOTE FOR TABLE OF ELEVATIONS FOR CONTROL OF SLAB THICKNESS
After the slab forms are erected and before the slab reinforcement is placed, the Resident Engineer shall take field elevations at the slab thickness check points and enter them in the table in the space provided. The slab thickness shall then be computed. If the computed slab thickness varies more than 1/4" from the plan thickness, allowing for the deflection of the form work, the form shall be adjusted until the computed slab thickness is within the tolerance allowed.

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BRIDGE OVER KENTON AND 27TH STREET SHEET 45 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 164-2(341)
 BRIDGE NUMBER DRAWING INDEX
 NO. 16539

CONSTRUCTION ELEVATIONS

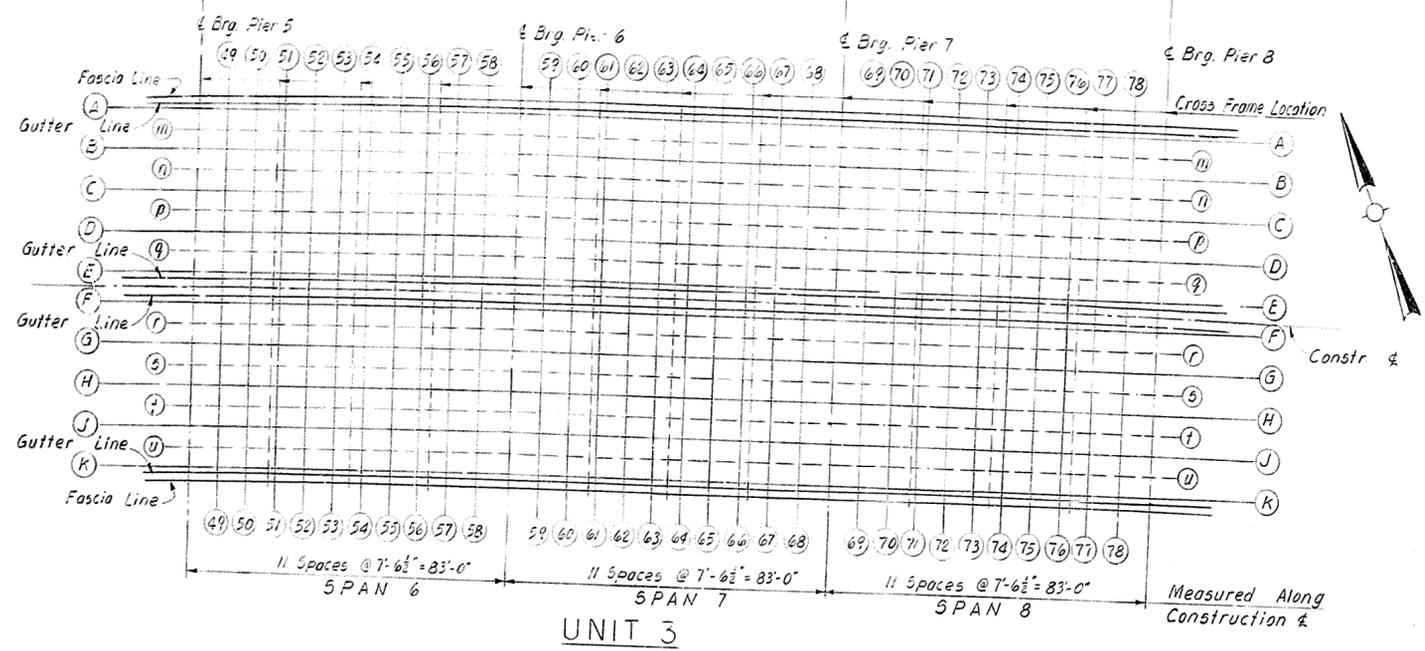


TABLE OF ELEVATION FOR CONTROL OF SLAB THICKNESS

SECTION	Line m			Line n			Line p			Line q			Line r			Line s		
	T	B	CST															
49	489.163			489.007			488.851			488.695			488.539			488.383		
52	488.766			488.610			488.454			488.298			488.142			487.986		
55	488.277			488.121			487.965			487.809			487.653			487.497		
58	487.788			487.632			487.476			487.320			487.164			487.008		
59	487.340			487.184			487.028			486.872			486.716			486.560		
62	486.759			486.603			486.447			486.291			486.135			485.979		
65	486.200			486.044			485.888			485.732			485.576			485.420		
68	485.482			485.326			485.170			485.014			484.858			484.702		
69	485.044			484.888			484.732			484.576			484.420			484.264		
72	484.407			484.251			484.095			483.939			483.783			483.627		
75	483.739			483.583			483.427			483.271			483.115			482.959		
78	483.071			482.915			482.759			482.603			482.447			482.291		

NOTE: Lines m,n,p,q,r,s,t & u are midway between beam Lines

SECTION	Line t			Line u		
	T	B	CST	T	B	CST
49	488.243			488.087		
52	487.845			487.689		
55	487.307			487.151		
58	486.798			486.642		
59	486.420			486.264		
62	485.839			485.683		
65	485.220			485.064		
68	484.564			484.408		
69	484.123			483.967		
72	483.487			483.331		
75	482.818			482.662		
78	482.097			481.921		

T = Top of Slab Elev.
B = Bottom of Slab Elev.
CST = Computed Slab Thickness

TABLE OF ELEVATIONS FOR SPANS 6, 7 & 8

SECTION	GIRDER A			GIRDER B			GIRDER C			GIRDER D			GIRDER E			GIRDER F			GIRDER G			GIRDER H			GIRDER J			GIRDER K			SECTION
	W	X@Gutter	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X@Gutter	Y	Z	W	X@Gutter	Y	Z	X	Y	Z	X	Y	Z	X@Gutter	Y	Z	W	
49	1-9'	489.334			489.200			489.044			488.888			488.692	2-7'	2-7'	488.788			488.592			488.436			488.280			488.096	1-9'	49
50	1-9'	269			085			488.429			773			577	2-6'	2-7'	674			476			320			164			487.982	1-8'	50
51	1-9'	015			830			674			518			323	2-5'	2-8'	551			353			197			041			857	1-8'	51
52	1-0'	488.873			688			532			376			181	2-5'	2-8'	420			222			066			487.910			728	1-7'	52
53	1-0'	720			535			379			223			029	2-5'	2-8'	125			079			487.923			767			586	1-7'	53
54	1-0'	557			372			216			060			487.865	2-5'	2-8'	487.961			763			607			451			270	1-7'	54
55	1-0'	384			199			043			487.887			692	2-5'	2-8'	739			591			435			279			097	1-7'	55
56	1-0'	202			017			487.861			705			510	2-5'	2-8'	607			409			253			097			486.915	1-7'	56
57	1-9'	014			487.830			674			513			322	2-6'	2-7'	419			221			065			486.909			727	1-8'	57
58	1-9'	487.824			640			484			322			133	2-6'	2-7'	229			032			486.876			720			537	1-8'	58
59	1-9'	631			448			292			136			486.940	2-7'	2-7'	036			486.840			684			528			344	1-9'	59
60	1-9'	446			262			106			486.950			755	2-6'	2-7'	486.851			654			498			342			159	1-8'	60
61	1-9'	257			073			486.917			761			565	2-6'	2-7'	662			464			308			182			485.970	1-8'	61
62	1-0'	486.866			681			525			367			372	2-5'	2-8'	468			271			115			485.959			777	1-8'	62
63	1-0'	664			479			323			167			485.972	2-5'	2-8'	069			485.870			714			598			377	1-7'	63
64	1-0'	458			273			117			485.961			766	2-5'	2-8'	485.862			664			508			352			171	1-7'	64
65	1-0'	247			062			485.906			750			555	2-5'	2-8'	652			454			298			142			484.960	1-7'	65
66	1-0'	032			485.848			692			536			341	2-5'	2-8'	437			239			083			484.927			745	1-8'	66
67	1-9'	485.813			629			473			317			121	2-6'	2-7'	218			020			484.864			708			526	1-8'	67
68	1-9'	590			406			250			094			484.898	2-6'	2-7'	484.995			484.798			642			486			303	1-8'	68
69	1-9'	364			180			024			484.868			672	2-7'	2-7'	768			572			416			260			076	1-9'	69
70	1-9'	150			484.966			484.810			654			458	2-6'	2-7'	554			357			201			045			483.863	1-8'	70
71	1-0'	484.937			752			606			440			245	2-6'	2-7'	341			144			483.988			483.832			650	1-8'	71
72	1-0'	726			541			385			229			034	2-5'	2-8'	131			483.933			777			621			439	1-7'	72
73	1-0'	514			329			173			017			483.822	2-5'	2-8'	483.919			721			565			409			227	1-7'	73
74	1-0'	297			112			483.956			483.800			605	2-5'	2-8'	701			503			347			191			010	1-7'	74
75	1-0'	075			483.889			733			377			383	2-5'	2-8'	479			281			125			482.969			482.788	1-7'	75
76	1-0'	846			661			505			349			154	2-5'	2-8'	250			052			482.896			740			559	1-7'	76
77	1-9'	611			426			270			114			482.919	2-5'	2-8'	016			482.818			662			506			324	1-7'	77
78	1-9'	123			482.939			482.783			627			677	2-6'	2-7'	482.779			576			420			264			082	1-8'	78
49	1-9'	482.874			690			534			378			182	2-7'	2-7'	278			082			481.926			481.770			587	1-9'	49

See Sheet 45 for Note for "Table of Elevations for Control of Slab Thickness".

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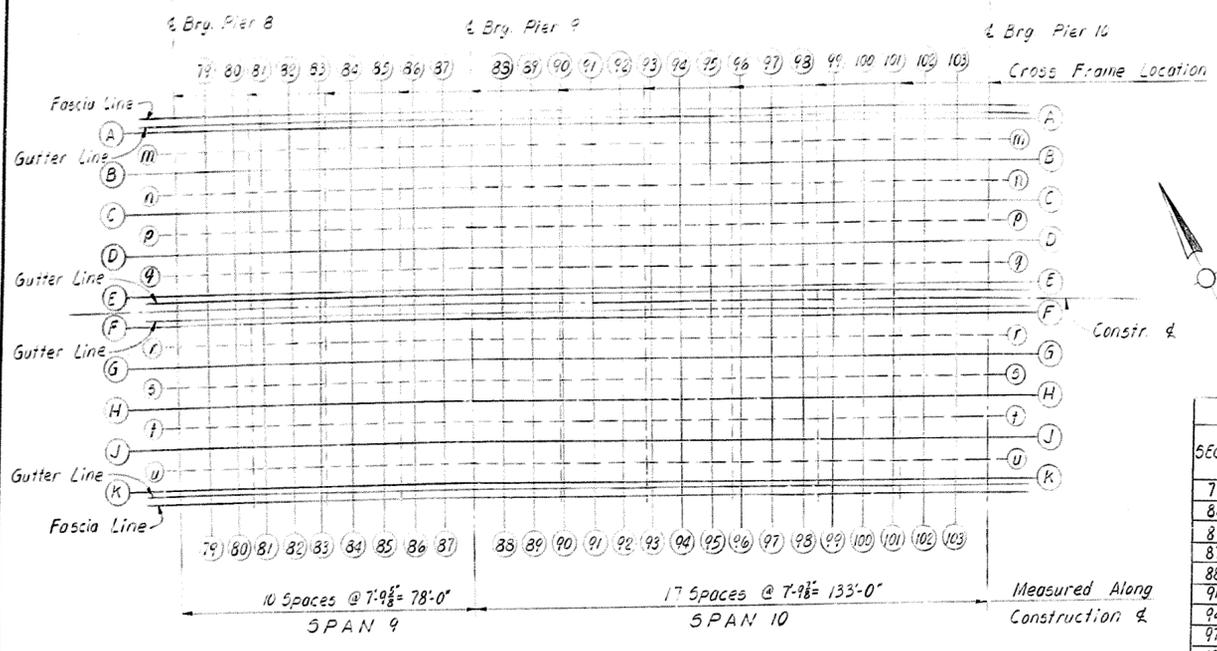
CONSTRUCTION ELEVATIONS

BRIDGE OVER KENTON AND 27TH STREET SHEET 46 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF
JEFFERSON
 164 CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE-LEXINGTON
 ROAD

STATION 112+92 PROJECT NO. 164-2(34) S.P. 56-273 ILL.

BRIDGE NUMBER DRAWING INDEX
 NO. 16539



UNIT 4

TABLE OF ELEVATIONS FOR CONTROL OF SLAB THICKNESS

SECTION	Line m			Line n			Line p			Line q			Line r			Line s			Line t			Line u			
	T	B	CST																						
79	482.477			482.321			482.165			482.009			481.853			481.697			481.541			481.385			481.229
82	481.766			481.610			481.454			481.298			481.142			480.986			480.830			480.674			480.518
84	481.281			481.125			480.969			480.813			480.657			480.501			480.345			480.189			480.033
87	480.585			480.429			480.273			480.117			479.961			479.805			479.649			479.493			479.337
88	480.156			480.000			479.844			479.688			479.532			479.376			479.220			479.064			478.908
91	479.529			479.373			479.217			479.061			478.905			478.749			478.593			478.437			478.281
94	478.921			478.765			478.609			478.453			478.297			478.141			477.985			477.829			477.673
97	478.219			478.063			477.907			477.751			477.595			477.439			477.283			477.127			469.971
100	477.438			477.282			477.126			476.970			476.814			476.658			476.502			476.346			476.190
103	476.621			476.465			476.309			476.153			475.997			475.841			475.685			475.529			475.373

Note: Lines m, n, p, q, r, s, t & u are midway beam lines

T = Top of Slab Elev.
 B = Bottom of Slab Elev.
 CST = Computed Slab Thickness

TABLE OF ELEVATIONS FOR SPANS 9 & 10

SECTION	GIRDER A		GIRDER B			GIRDER C			GIRDER D			GIRDER E			GIRDER F			GIRDER G			GIRDER H			GIRDER J			GIRDER K			SECTION				
	W	X @ Gutter	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X @ Gutter	Y	Z	W	W	X @ Gutter	Y	Z	X	Y	Z	X	Y	Z	X	Y		Z	X @ Gutter	Y	Z
ε Brg.	1'-9"	482.814			482.630			482.474			482.318			482.122			2'-7"	2'-7"	482.218			482.022			481.866			481.710			481.526			1'-9" ε Brg.
79	1'-9 1/2"	.583			.399			.243			.087			481.891			2'-6 1/2"	2'-7 1/2"	481.987			481.790			.634			.478			.295			1'-8 1/2" 79
80	1'-9 1/2"	.349			.165			.009			481.853			.657			2'-6 1/2"	2'-7 1/2"	.754			.556			.400			.244			.062			1'-8 1/2" 80
81	1'-10"	.113			481.928			481.772			.616			.421			2'-6 1/2"	2'-8"	.517			.319			.163			.007			480.825			1'-8 1/2" 81
82	1'-10 1/2"	481.573			.688			.532			.376			.181			2'-5 1/2"	2'-8 1/2"	.277			.079			480.923			480.767			.585			1'-7 1/2" 82
83	1'-10 1/2"	.631			.446			.289			.133			480.939			2'-5 1/2"	2'-8 1/2"	.035			480.837			.681			.525			.343			1'-7 1/2" 83
84	1'-10 1/2"	.388			.203			.047			.891			.696			2'-5 1/2"	2'-8 1/2"	480.793			.595			.439			.283			.101			1'-7 1/2" 84
85	1'-10 1/2"	.149			480.964			480.808			.652			.457			2'-6 1/2"	2'-8"	.553			.356			.200			.044			479.861			1'-8 1/2" 85
86	1'-9 1/2"	480.916			.731			.575			.419			.224			2'-6 1/2"	2'-7 1/2"	.320			.123			479.967			479.811			.628			1'-8 1/2" 86
87	1'-9 1/2"	.691			.507			.351			.195			479.999			2'-6 1/2"	2'-7 1/2"	.095			479.898			.742			.586			.403			1'-8 1/2" 87
ε Brg.	1'-9"	.474			.290			.134			479.978			479.782			2'-7"	2'-7"	479.878			.682			.526			.370			.186			1'-9" ε Brg.
88	1'-9 1/2"	.262			.078			479.922			.766			.571			2'-6 1/2"	2'-7 1/2"	.668			.471			.315			.159			478.976			1'-8 1/2" 88
89	1'-10 1/2"	.059			479.874			.718			.523			.328			2'-5 1/2"	2'-8 1/2"	.467			.269			.113			478.957			.775			1'-7 1/2" 89
90	1'-11"	479.856			.670			.514			.358			.165			2'-5 1/2"	2'-9"	.266			.067			478.911			.755			.574			1'-7 1/2" 90
91	1'-11 1/2"	.656			.469			.313			478.964			.157			2'-4 1/2"	2'-9 1/2"	.067			478.868			.712			.556			.375			1'-6 1/2" 91
92	1'-11 1/2"	.451			.264			.108			478.952			.759			2'-4 1/2"	2'-9 1/2"	478.865			.664			.508			.352			.173			1'-6 1/2" 92
93	2'-0 1/2"	.245			.057			478.901			.745			.553			2'-3 1/2"	2'-10 1/2"	.659			.459			.303			.147			477.967			1'-5 1/2" 93
94	2'-0 1/2"	.031			478.843			.687			.531			.339			2'-3 1/2"	2'-10 1/2"	.446			.246			.090			.023			477.867			1'-5 1/2" 94
95	2'-0 1/2"	478.807			.619			.463			.307			.115			2'-3 1/2"	2'-10 1/2"	.223			.023			477.934			.755			.574			1'-5 1/2" 95
96	2'-1 1/2"	.572			.384			.228			.072			477.880			2'-3 1/2"	2'-10 1/2"	.746			.543			.389			.233			.054			1'-5 1/2" 96
97	2'-0 1/2"	.329			.141			477.885			477.827			.637			2'-3 1/2"	2'-10 1/2"	.495			.294			477.783			.632			.451			1'-5 1/2" 97
98	2'-0 1/2"	.079			477.892			.736			.580			.388			2'-3 1/2"	2'-10 1/2"	.746			.543			.389			.233			.054			1'-5 1/2" 98
99	1'-11 1/2"	477.818			.631			.475			.319			.126			2'-4 1/2"	2'-9 1/2"	.232			.031			476.875			.719			.540			1'-6 1/2" 99
100	1'-11 1/2"	.547			.361			.205			.049			476.856			2'-4 1/2"	2'-9 1/2"	476.959			.603			476.759			.447			.267			1'-6 1/2" 100
101	1'-11"	.279			.093			476.937			476.781			.588			2'-5 1/2"	2'-9"	.689			.490			.334			.178			475.997			1'-7 1/2" 101
102	1'-10 1/2"	.011			476.826			.670			.514			.320			2'-5 1/2"	2'-8 1/2"	.419			.221			475.909			.065			.727			1'-7 1/2" 102
103	1'-9 1/2"	476.747			.562			.406			.250			.055			2'-6 1/2"	2'-7 1/2"	.153			.644			475.956			475.800			.461			1'-8 1/2" 103
ε Brg.	1'-9"	.484			.300			.144			475.988			475.792			2'-7"	2'-7"	475.888			.692			.536			.380			.196			1'-9" ε Brg.

See Sheet 45 for Note for Table of Elevations for Control of Slab Thickness

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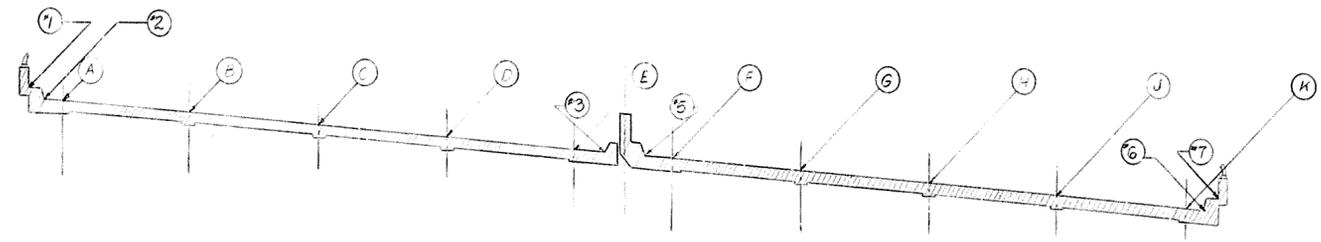
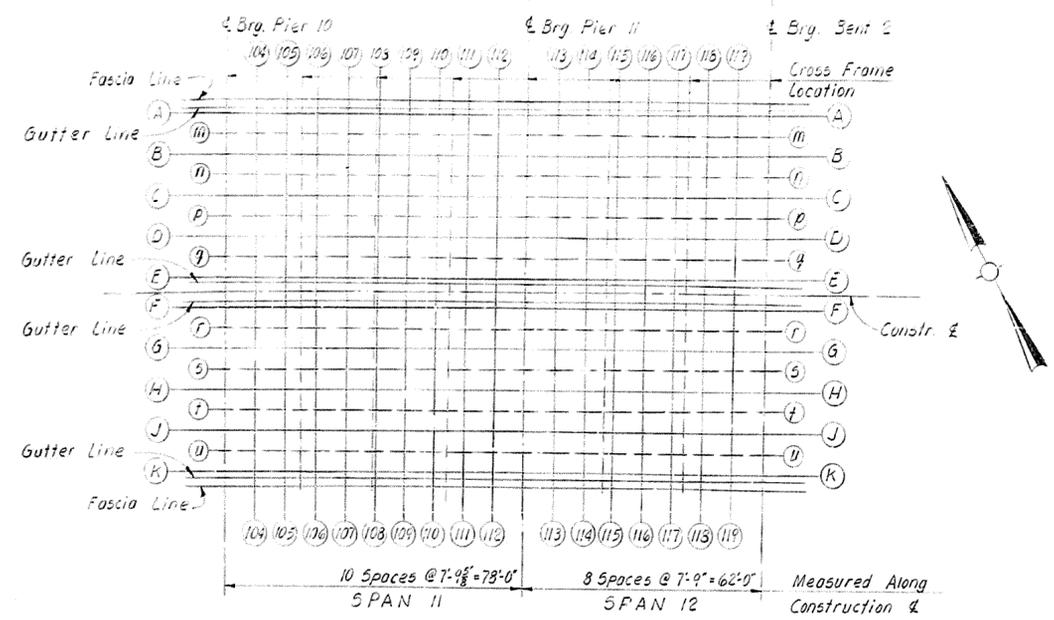
CONSTRUCTION ELEVATIONS

BRIDGE OVER K&BITRR AND 27TH STREET SHEET 47 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT COUNTY OF
JEFFERSON
 164 - CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON
 ROAD

STATION 112+82 PROJECT NO. 154-2(341) SP 56-273-III

BRIDGE NUMBER DRAWING INDEX NO. 16539



ELEVATIONS @ EXPANSION DAM

ITEM	"1" N. Curb	"2" N. Gutter	A	B	C	D	E	"3" North Median	"5" South Median	F	G	H	J	K	"6" S. Gutter	"7" S. Curb
PIER 2	492.360	491.527	491.499	491.343	491.187	491.031	490.875	490.835	490.931	490.690	490.734	490.578	490.422	490.266	490.239	491.072
PIER 5	490.255	489.402	489.379	489.218	489.062	488.906	488.750	488.710	488.806	488.766	488.610	488.454	488.298	488.141	488.114	488.747
PIER 8	483.677	482.844	482.817	482.660	482.504	482.348	482.192	482.152	482.248	482.208	482.052	481.896	481.740	481.583	481.556	482.389
BENT 2	473.087	472.254	472.227	472.070	471.914	471.758	471.602	471.562	471.658	471.618	471.462	471.306	471.150	470.993	470.966	471.799

UNIT 4

TABLE OF ELEVATIONS FOR SPANS II & 12

SECTION	GIRDER A		GIRDER B		GIRDER C		GIRDER D		GIRDER E		GIRDER F		GIRDER G		GIRDER H		GIRDER J		GIRDER K		SECTION					
	W	X@Gutter	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X		Y	Z	W		
4 Brg	1'-9"	476.484			476.300			476.144			475.988			475.792			475.636			475.480			475.324		1'-9"	4 Brg
104	1'-9"	475.229			475.045			474.889			474.733			474.577			474.421			474.265			474.109		1'-8"	104
105	1'-9"	475.982			475.797			475.641			475.485			475.329			475.173			475.017			474.861		1'-8"	105
106	1'-0"	7.42			5.57			4.01			2.45			0.50			1.17			474.949			474.793		1'-8"	106
107	1'-0"	5.09			3.24			1.63			0.12			474.817			474.661			474.505			474.349		1'-8"	107
108	1'-0"	2.80			0.95			474.939			474.783			5.88			2.51			474.627			474.471		1'-7"	108
109	1'-0"	0.53			474.368			7.12			5.56			3.61			2.51			473.993			473.837		1'-7"	109
110	1'-0"	474.825			6.40			4.84			3.28			1.33			2.6			473.826			473.670		1'-7"	110
111	1'-9"	5.97			4.12			2.56			1.00			473.905			3.61			473.749			473.593		1'-8"	111
112	1'-9"	3.89			1.85			0.29			473.873			6.77			2.6			473.717			473.561		1'-8"	112
4 Brg	1'-9"	1.44			473.960			473.804			6.48			4.52			2.7			473.648			473.492		1'-9"	4 Brg
113	1'-9"	473.922			7.38			5.82			4.26			2.30			2.6			472.974			472.818		1'-9"	113
114	1'-9"	7.01			5.17			3.61			2.05			0.09			2.6			472.974			472.818		1'-8"	114
115	1'-9"	4.78			2.94			1.38			472.982			472.826			2.6			472.670			472.514		1'-8"	115
116	1'-9"	2.51			0.66			472.910			7.54			5.98			2.6			472.754			472.598		1'-8"	116
117	1'-9"	0.17			472.832			6.76			5.20			3.25			2.6			472.676			472.520		1'-8"	117
118	1'-9"	472.777			5.92			4.36			2.80			0.85			2.6			472.610			472.454		1'-8"	118
119	1'-9"	5.32			3.48			1.92			0.36			471.840			2.6			471.684			471.528		1'-8"	119
4 Brg	1'-9"	2.84			1.00			471.944			471.788			5.92			2.7			471.632			471.476		1'-9"	4 Brg

See Sheet 45 for Note for "Table of Elevations for Control of Slab Thickness."

TABLE OF ELEVATIONS FOR CONTROL OF SLAB THICKNESS

SECTION	Line m			Line n			Line p			Line q			Line r			Line s			Line t			Line u			
	T	B	CST																						
104	476.123			475.967			475.811			475.655			475.500			475.344			475.188			475.032			474.876
107	475.402			475.246			475.090			474.934			474.778			474.622			474.466			474.310			474.154
109	474.946			474.790			474.634			474.478			474.322			474.166			474.010			473.854			473.698
112	474.265			474.109			473.953			473.797			473.641			473.485			473.329			473.173			473.017
113	473.816			473.660			473.504			473.348			473.192			473.036			472.880			472.724			472.568
116	473.145			472.989			472.833			472.677			472.521			472.365			472.209			472.053			471.897
119	472.426			472.270			472.114			471.958			471.802			471.646			471.490			471.334			471.178

NOTE: Lines m,n,p,q,r,s,t & u are midway between beam lines

T=Top of Slab Elev.
B=Bottom of Slab Elev.
CST=Computed Slab Thickness

CONSTRUCTION ELEVATIONS

BRIDGE OVER KBITRR AND 27TH STREET SHEET 48 OF 50

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
JEFFERSON
164-CEDAR GROVE TERRACE TO 13TH STREET
LOUISVILLE-LEXINGTON
ROAD

STATION 112+82 PROJECT NO. 164-2(34)

BRIDGE NUMBER DRAWING INDEX
No. 16539

DESIGNED BY: J.W.H. CHECKED BY: J.W.H.
 DATE: 12/15/66 DATE: 12/15/66
 REVISION: REVISION:

PIER 7				
Pile No	Cutoff elevation	Tip of piles elevation as driven	Length of piles in place	Calculated bearing Capacity tons
1	440.333			
2				
3				
4				
5				
6	440.333			
7	433.333			
8				
9				
10				
11				
12	433.333			
13	431.333			
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24	431.333			

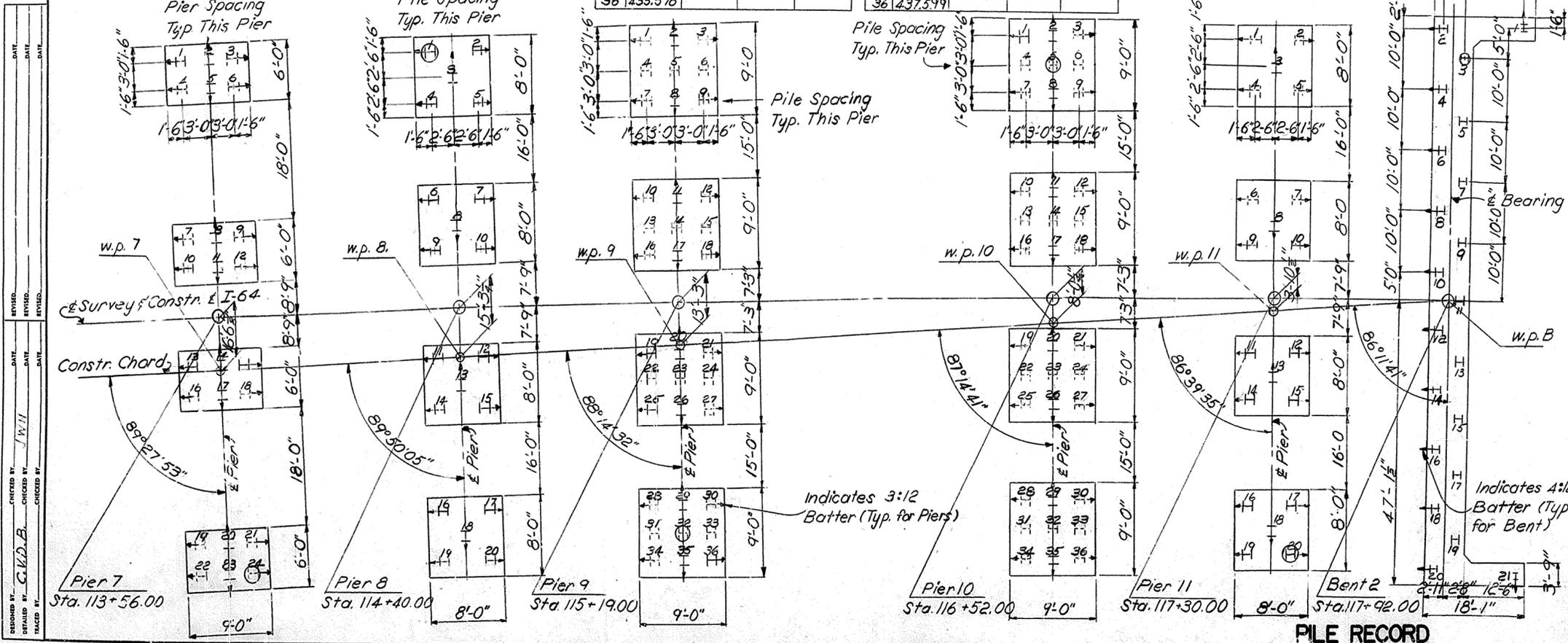
PIER 8				
Pile No	Cutoff elevation	Tip of piles elevation as driven	Length of piles in place	Calculated bearing Capacity tons
1	432.804			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	432.804			

PIER 9				
Pile No	Cutoff elevation	Tip of piles elevation as driven	Length of piles in place	Calculated bearing Capacity tons
1	435.578			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36	435.578			

PIER 10				
Pile No	Cutoff elevation	Tip of piles elevation as driven	Length of piles in place	Calculated bearing Capacity tons
1	437.599			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36	437.599			

PIER 11				
Pile No	Cutoff elevation	Tip of piles elevation as driven	Length of piles in place	Calculated bearing Capacity tons
1	440.790			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	440.790			

BENT 2				
Pile No	Cutoff elevation	Tip of piles elevation as driven	Length of piles in place	Calculated bearing Capacity tons
1	460.805			
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21	460.805			



Notes:
 (H) Denotes test pile.
 This pile record does not replace other records of piles required to be kept and submitted by the Resident Engineer. After all piles have been driven the Resident Engineer shall record the tip-of-pile elevation as driven, the length of pile in place, the calculated bearing capacity of each pile, and shall return one blue print copy of this sheet with this data to the Director of Bridges so that the data may be recorded on the original plans. Lengths of piles in place shown hereon are the actual lengths of piles in the finished structure below cut-off elevation and are not necessarily pay items.

DESIGNED BY: C.V.D.B.
 CHECKED BY: W.H.
 DATE: / /
 TRACED BY: / /

BRIDGE OVER K&I TRR AND 27TH STREET SHEET 50 OF 50

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT COUNTY OF
JEFFERSON
 164-CEDAR GROVE TERRACE TO 13TH STREET
 LOUISVILLE - LEXINGTON ROAD

STATION 112+82 PROJECT NO. 164-2(54N) S.P. 56-273-III

BRIDGE NUMBER DRAWING INDEX
 NO. 16539

PILE RECORD

General Notes

① Specifications: KENTUCKY Department of Highways
"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,"
CURRENT EDITION WITH REVISIONS SHALL APPLY TO
THIS PROJECT.

③ Open holes for high strength structural bolts unless
noted "A". No paint within 3" of holes for high strength
structural bolts.

② Material: Unless otherwise noted on drawings. All structural
shapes and plates shall conform to A.S.T.M. specs. for
A36 Steel.

③ Welding: All work and material to conform to A.W.S.
specifications for welded highway and railway bridges
CURRENT SPECIFICATION + SUBSEQUENT ADOPTED AMENDMENTS,
+ KENTUCKY HIGHWAY DEPT. STANDARD DRAWING "MODIFICATIONS
+ ADDITIONS TO A.W.S. D2.D-66 SPEC." CURRENT EDITION. ALSO
SEE SHOP WELDING PROCEDURE.

④ Paint: ONE SHOP COAT, 1.5 MILS. (MIN.)
DRY FILM THICKNESS, TYPE I RED LEAD
PRIMER. SEE SPECIFICATION SECTION 408.3-3
AND SPECIAL PROVISIONS.

⑥ RA: Holes noted RA to be sub-punched or sub-drilled
1/4" small and reamed to full size or Drilled from the solid
while members are shop assembled and blocked to their
proper alignment.

⑦ All field splices are to be match marked. Each splice has
been assigned a number as shown on sheet E3 thru E6. Use this
number as a prefix in match marking splices and splice
plates. As a suffix use "N" for near side, "F" for far side,
"T" for top and "B" for bottom. Thus web splice plates will be
marked 1N, 1F, 2U, etc. Top flange splice plates will be marked
1T, 2T etc. Bottom flange splice plates will be marked
1B, 2B etc. In side flange splice plates will be marked 1UT,
1FT, 2UT etc.

DWG # 16539
SHT 1 OF 166

STATION 112+82
DRAWING No. 16539
LETTING DATE: 1-24-69

		TUCKER STEEL CORP.	
		KNOXVILLE, TENNESSEE * MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET		CEDAR GROVE TERRACE TO 13TH STREET	
JEFFERSON COUNTY, KENTUCKY		SP 56 273 1581 PROJ. NO. 164-2(64)1	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY	DATE	JOB NO.	A 8001
CHECKED BY	DATE	SHEET	
APPROVED BY	DATE	GNI OF GNI	
REVISIONS	DATE	BY	PAINT SPEC.

LETTING DATE

(1)

I. DEFINITIONS

The welding terms used in these specifications shall be interpreted according to the definitions given in the AWS 1966 Edition Standard Welding Terms and Their Definitions.

II. PREPARATION OF MATERIAL FOR WELDING

Details of welded pieces shall be in accordance with approved shop detail drawings.

Surfaces to be welded shall be smooth and free from fins, tears and other defects which would adversely affect the quality of the weld. Surfaces to be welded shall also be free of loose scale, slag, rust grease or other material that will prevent proper welding.

Preparation of edges by oxygen cutting shall follow closely the lines prescribed. Machine oxygen cut edges shall be substantially as smooth and regular as those produced by edge planning and shall be left free of slag.

Plates to be used for webs of built-up members are ordered with sufficient additional width to allow for trimming of edges where build-in camber is required.

III. ASSEMBLY

Abutting parts to be joined by butt welds shall be carefully aligned. Parts to be joined by fillet welds shall be brought into as close contact as possible. If the separation is 1/16 inch or greater, the leg of the fillet weld shall be increased by the amount of the separation.

IV. WELDING SEQUENCE

The welding sequence shall be as follows:

- 1. Weld flange splices
2. Weld web splices
3. Weld flange to web
4. Weld stiffeners to web
5. Weld stiffeners to flange as required

Butt welds in flange plates shall be made by the submerged arc process. If straightening is necessary after welding, it shall be done mechanically or by heating. If heat is used, the temperature shall not exceed 1200F.

The butt welding of the web plates shall be done in the flat position by the submerged arc welding process.

TUCKER STEEL DIVISION
U. S. INDUSTRIES, INC.
Knoxville, Tennessee

TUCKER STEEL DIVISION
U. S. INDUSTRIES, INC.
Meridian, Mississippi

APPLICATION

The Specifications are to be used in conjunction with the prescribed specifications of the Commonwealth of Kentucky, Department of Highways, for Project No. I-64-2 (64) 2 Jefferson County, Kentucky. References used herein are to the AWS Standard Specifications for Welded Highway and Railway Bridges, Sixth Edition.

I-64 Over K & I T.R.R. and 27th Street
Sp 56-273-75 B1
Station 112 + 82.00
Drawing No. 16539

(2)

After the flange and web butt welds are complete they shall be assembled and tack welded, fitting the flange plates tight and square against the edges of the web. Flange plate up 3/4" thickness may be cupped before assembly in to girder to compensate for distortion caused by welding. The assembled girder shall then be positioned for flat position submerged arc welding of the flange to web fillet welds. These welds will be made running from end to end of the girder.

The stiffeners will then be fit and tack welded in accordance with the detail drawings. Welding of the stiffeners will be by submerged arc process.

All auxiliary parts will then be fit and welded to the girders after which it will be trimmed to detailed length.

See shop splice preparation and flange to web preparations detail on Tucker Steel Shop Drawings sheet #17. See sheets 5, 6, 7, 8, 9 of this welding procedure for welding machine, wire size, flux, amperage, and position for girder welds, etc.

Bracing shall be fit together in jig and tack welded securely together before major welding operation are begun. All bracing which crosses at center point shall have this point welded first. Horizontal brace at bottom of bracing shall be welded second, and finally the diagonal members shall be welded to gusset plates. Welds shall be 1/4 fillets made in horizontal position. Electrodes shall be E7028 3/16 diameter.

Main vertical plates of rockers and shoes shall have vertical stiffener plates fitted properly and welded. This assemble shall then be fitted to the bottom plates after checking to be sure that primary assembly comes within required tolerances for square and finish. Bottom plates shall be welded and then machined as required. Weld shall be 1/2 fillets made in flat position with submerged arc.

V. FILLER METAL

Electrodes for manual shielded metal-arc welding of material conforming to ASTM Specification A36 shall be E7028 3/16 diameter. Electrodes shall be dried at least 2 hours at 450 F to 500 F before they are used. Electrodes not used within 4 hours after removal from oven shall be re-dried. The max size of fillet weld made in one pass shall be 5/16.

Bare electrode (wire) for submerged arc shall be 3/32 diameter and conforming to specification EL12. Flux to be used shall be F71 EL12. The max size of weld layers except root and surfaces layers shall not exceed 1/4 inch.

Flux used for submerged arc welding shall be dry and free of contamination from dirt, mill scale or other foreign material. Flux fused in welding shall not be reused. (See sheets 5, 6, 7, 8, 9 for type wire, flux, volts, amps, passes and travel speed).

(3)

VI. PROCEDURES FOR MANUAL SHIELDED METAL-ARC WELDING

The work shall be positioned in flat or horizontal position for welding.

Before welding over previously deposited metal, the slag shall be removed and the weld and adjacent base metal shall be brushed clean.

Preheat and interpass temperatures for shielded metal arc welding shall not be less than those listed in Table 2 for the electrode and for the base metal being welded.

VII. PROCEDURES FOR SUBMERGED ARC WELDING WITH A SINGLE ELECTRODE

All submerged arc fillet welds shall be made in the flat or horizontal position.

A fully automatic submerged arc, fillet weld shall be used to connect the flange plates to the web plates.

Each weld pass shall have all slag removed before any additional weld is deposited on it.

Groove welds shall be terminated at the ends of a joint by use of extension bars or run-off plates. Extensions shall be removed upon completion and cooling of the weld and the ends of the weld made smooth and flush with the edges of the abutting parts.

Preheat and interpass temperatures for submerged welding shall not be less than those listed in Table 2 for the base metal being welded.

VIII. INSPECTION

Radiographic Inspection

The owner requires radiographic inspection of groove welds.

At least 25% of the compression splices will be radiographed, but 100% of the shop butt tension flange welds are to be radiographed.

No radiographs will be made of the shoes, rockers, etc.

Magnetic Particle Inspection

Fillet welds shall be inspected by the dry powder magnetic particle inspection method.

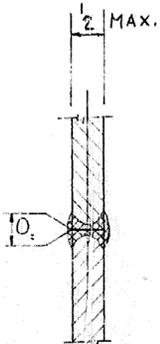
IX. CERTIFICATION OF FILLER METAL

The Contractor shall furnish Certified copies of test reports of all the pertinent required tests of A.S.T.M. A233-64T, made on electrodes of the same class, size and brand and which were manufactured by the same process and with the same materials as the electrodes furnished. The Contractor shall furnish copies of the manufacturer's certification that the process and material requirements were the same for manufacturing the tested electrodes and the furnished electrodes.

Table with columns for DATE, REVISED, CHECKED BY, MADE BY, etc.

(4)

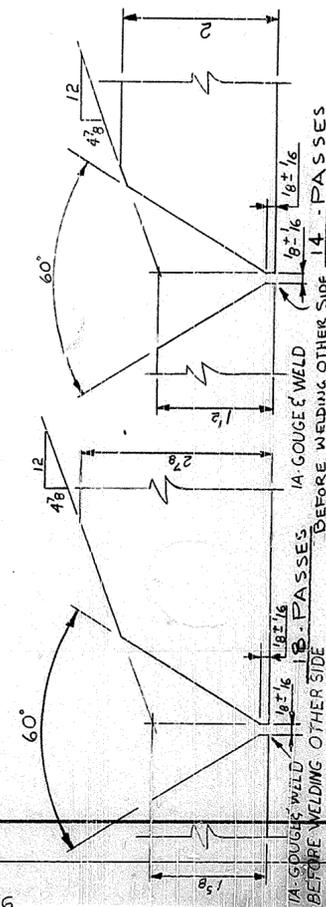
SHOP WELD SPICE



MACHINE - LINCOLN ML3 (FULLY AUTO.)
WIRE - L60 3/32 (LINCOLN) AWS E612
FLUX - 780 F-71-EL-12
REVERSE POLARITY
32 VOLTS 450-500 AMPS
FLAT POSITION
1 PASS EACH SIDE
TRAVEL SPEED 20" PER MIN.

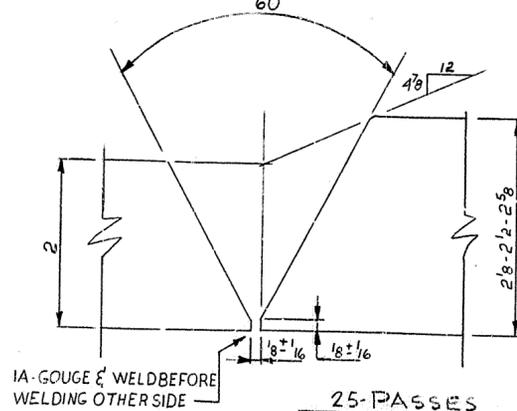
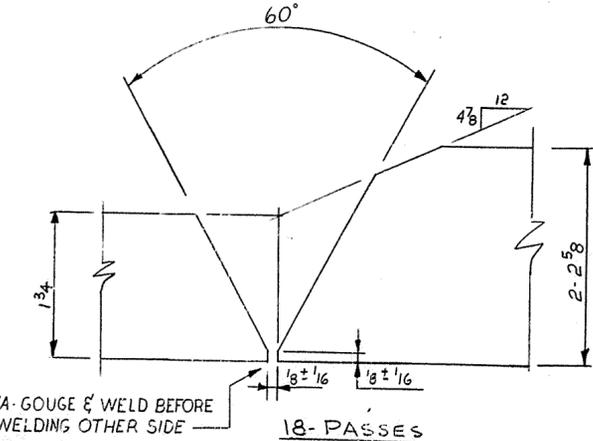
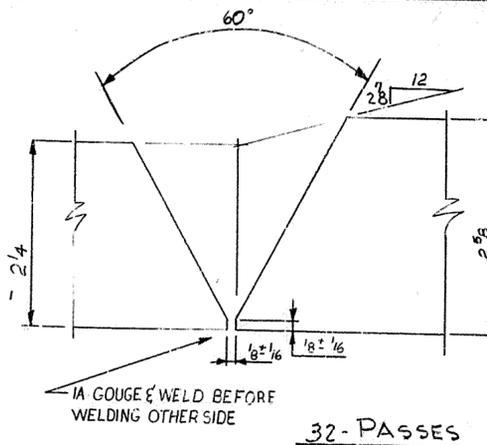
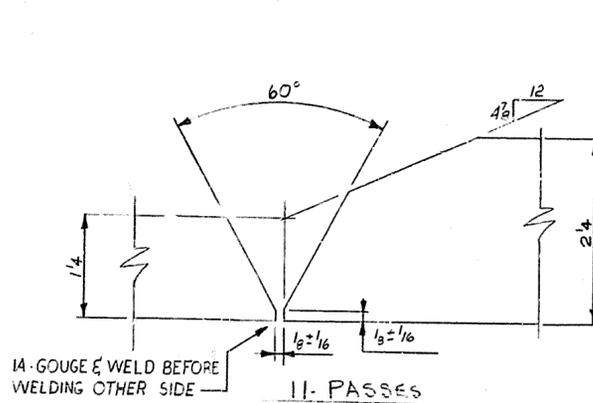
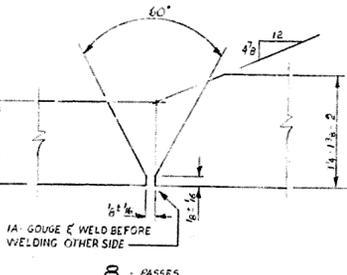
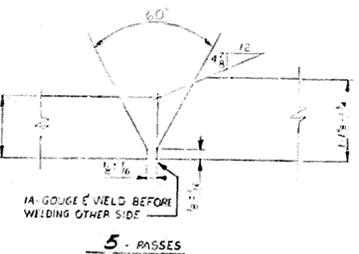
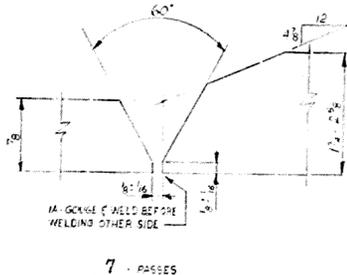
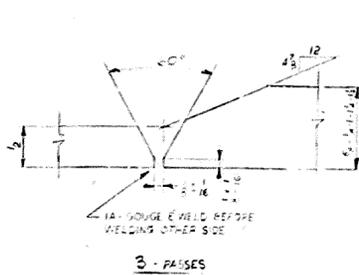
SHOP FLANGE SPICE DETAIL

MACHINE - LINCOLN ML3 (FULLY AUTO.)
WIRE - L60 3/32 EL-12
FLUX - 780 F-71-EL-12
REVERSE POLARITY
32 VOLTS 450-500 AMPS
FLAT POSITION
TRAVEL SPEED - PASS #1 20 IN. PER MINUTE
TRAVEL SPEED - ALL OTHER PASSES 15" PER MINUTE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
Jefferson
ROAD
STATION P.E. PROJECT NO.
CONSTRUCTION PROJECT NO. MAINTENANCE PROJECT NO.
DRAWING NO. 16539

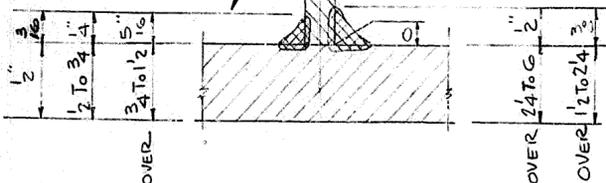
LETTING DATE:



FOR SINGLE PASS SUBMERGED ARC FILLET WELDS EXCEEDING 5/16", THE HORIZONTAL POSITION MAY BE EMPLOYED USING PROCEDURES QUALIFIED BY TESTS IN ACCORDANCE WITH APPENDIX "D" OF THE A.W.S. 1966 SPECIFICATIONS. PLANS CALL FOR FILLET WELD IN FLAT POSITION. IF HORIZONTAL WELD IS TO BE USED, FURNISH A WELDING PROCEDURE QUALIFICATION TEST RECORD.

MACHINE-LINCOLN TWIN ARC WIRE - 1-3/32 & 1-3/32 32 VOLTS AMPS. 1000 SINGLE PASS TRAVEL SPEED - 28" PER MIN.

MIN. WELD SIZES SHOWN



WELDS TO FLANGE WELDING DETAIL

TABLE 2 - MINIMUM PREHEAT AND INTERPASS TEMPERATURES 1,2

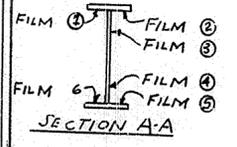
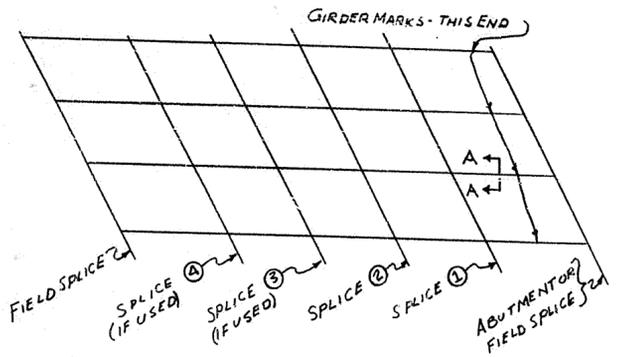
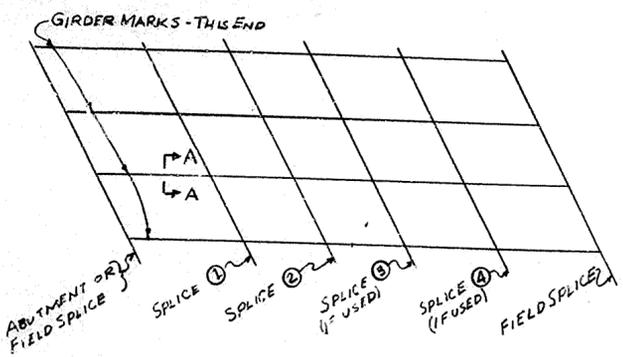
THICKNESS OF THICKEST PART AT POINT OF WELDING	WELDING PROCESS					
	SHIELDED METAL-ARC WELDING WITH OTHER THAN LOW-HYDROGEN ELECTRODES		SHIELDED METAL-ARC WELDING WITH LOW-HYDROGEN ELECTRODES AND SUBMERGED ARC WELDING			
	A373 ³	A7, A36 ³	A573 ⁴	A7 ⁴	A36 ⁴	A441 ⁵
TO 1/4 IN., INCL.	NONE ^{6,7}	NONE ^{6,7}	NONE ^{6,7}	NONE ^{6,7}	NONE ^{6,7}	NONE ^{6,7}
OVER 1/4 IN. TO 2 IN., INCL.	100°F	NOT	NONE ⁶	NOT	50°F	100°F
OVER 2 IN.	200°F	PERMITTED	100°F	PERMITTED	150°F	200°F

- 1- WHEN PREHEATING OF THE BASE METAL IS REQ'D., IT SHALL BE PERFORMED IN SUCH MANNER THAT THE SURFACES OF THE PARTS ON WHICH WELD METAL IS BEING DEPOSITED, WITHIN 3 IN. OF THE POINT OF WELDING, BOTH Laterally AND IN ADVANCE OF THE WELDING, AT OR ABOVE THE TEMPERATURE SPECIFIED.
- 2- WELDING SHALL NOT BE DONE WHEN THE AMBIENT TEMP. IS LOWER THAN 0° F.
- 3- USING E60XX OR E70XX ELECTRODES OTHER THAN THE LOW-HYDROGEN TYPES.
- 4- USING E60XX OR E70XX LOW-HYDROGEN ELECTRODES (E6015, -16, -18, -28) OR GRADE SAW-1 OR SAW-2.
- 5- USING ONLY E70XX LOW-HYDROGEN ELECTRODES (E7015, E7016, E7018, E7028) OR GRADE SAW-2.
- 6- WHEN THE BASE METAL TEMP. IS BELOW 32°F PREHEAT BASE METAL IS AT LEAST 70°F AND MAINTAIN THIS MIN. TEMP. DURING WELDING.
- 7- (a) WELDING OF A7 STEEL WILL NOT BE PERMITTED
(b) FOR A36 STEEL TO 3/4 INCLUSIVE THE MINIMUM PREHEAT SHALL BE 200°F WHEN WELDED WITH OTHER THAN LOW-HYDROGEN ELECTRODES AND 50°F WHEN WELDED WITH LOW-HYDROGEN ELECTRODES OR SUBMERGED ARC.
(c) FOR OTHER STEELS LISTED, THE MINIMUM PREHEAT SHALL BE 50°F FOR THICKNESS UP TO 3/4 WITH ALL THREE PROCESSES

18

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF
Jefferson
ROAD
STATION _____ P. E. PROJECT NO. _____
CONSTRUCTION PROJECT NO. _____ MAINTENANCE PROJECT NO. _____ DRAWING NO. 16539

LETTER DATE



TYPICAL MARKING FOR RADIOGRAPH FILM OF SHOP SPLICES

12

THE LINCOLN ELECTRIC COMPANY
22801 St. Clair Avenue
Cleveland, Ohio 44117

CERTIFICATE OF TEST

CERTIFICATE OF CONFORMANCE TO REQUIREMENTS FOR WELDING ELECTRODE

SUPPLIED TO: Tucker Steel Corporation
P. O. Box 5225
Knoxville, Tennessee 37918
DATE: September 11, 1969 ORDER NO. A-2266

This is to certify that 780 Flux L-60 Wire combination classification E71-EL12, supplied on the above order number, is of the same classification, manufacturing process, and material requirements, as the flux and filler wire tested on August 28, 1969.

All tests required by specification AWS A5.17-69 were performed in conformance with this specification, and the above materials met all requirements.

The chemistry and mechanical properties of the deposited weld metal were as follows:

Table with 7 columns: Property, Value, C, Mn, Si, S, P. Rows include Tensile Strength, Yield Strength, Elongation, and Charpy V Notch.

NOTE: According to Code requirements, 5 Charpy V Notch specimens were taken. The high and low extremes were discarded. Middle 3 of 37, 40, and 36 were averaged.

Chemistry of L-60 Wire

Table with 2 columns: Element, Percentage. Rows include Carbon, Manganese, Silicon, Sulfur, Phosphorus, and Copper.

Radiographic Test met requirements

Notary Public signature and seal for William B. Sherman.

Operations supervised by signature.

Chief Engineer signature.

Director signature.

PITTSBURGH TESTING LABORATORY
ESTABLISHED 1881
PITTSBURGH, PENNA.

PHYSICAL TEST REPORT
PROCEDURE OR TOLERANCE QUALIFICATION TEST

For: Tucker Steel Corporation
Specimens Welded In Accordance With Spec. AWS D2.0-69

Material: Plate Thickness 1" Spec. No. A-36
Was Backing Strip Used? No Single or Double Weld Double
Welders Name Stamp No.

Was Welding Witnessed by Representative of P.T.L. Yes No
Witnessed By: Tunion Hump Date: 9-24-69 Where Welded: 02101018 Sh

TEST RESULTS

Table with 10 columns: Spec. No., Position, Width, Thickness, Area, Total Load, Ultimate Unit Stress, Fracture, Passed or Failed. Rows for 1-G Flat specimens.

WELDED BEAD TESTS

Table with 8 columns: Spec. No., Position, Type of Bead, Results, Spec. No., Position, Type of Bead, Results. Rows for 1G Flat Side beads.

cc: 6 Client
1 PTL-Knox.
2 PTL-Memph.
Jo - 9-28-69

PITTSBURGH TESTING LABORATORY

THE LINCOLN ELECTRIC COMPANY
22801 St. Clair Avenue
Cleveland, Ohio 44117

CERTIFICATE OF CONFORMANCE TO REQUIREMENTS FOR WELDING ELECTRODE

Supplied to: Tucker Steel Corporation
P. O. Box 5225
Knoxville, Tennessee 37918
DATE: Sept. 11, 1969 Order No. A-2266

This is to certify that JETWELD LH-3800 classification E7028, supplied on the above order(s) is of the same classification, manufacturing process, and material requirements, as the electrodes tested on April 28, 1969.

The radiographic tests, all weld-metal tension testing, impact tests and chemical analysis of the weld metal and the above electrode met all the requirements.

The chemistry and mechanical properties of the deposited weld metal were as follows:

Table with 6 columns: Property, 5/32", AC, 3/16", AC, 1/4", AC. Rows include Tensile Strength, Yield Strength, Elongation, and Charpy V Notch.

Table with 6 columns: Element, 5/32", AC, 3/16", AC, 1/4", AC. Rows include Manganese, Silicon, Nickel, Chromium, Molybdenum, Vanadium, and Total %.

Fillet Tests - Positions as required OK OK OK OK OK

Chemical tests are required for 5/32" and 1/4" sizes only. Fillet, radiographic, tension and impact tests are not required for 3/16" and 7/32" sizes.

Operations supervised by signature.

Chief Engineer signature.

Director signature.

THE LINCOLN ELECTRIC COMPANY
E 24569

OUR ORDER NO. NA-3711-11
DATE 9-26-69
VIA SHIPPED TO: 84-Lincoln-500
ADDRESS: Tucker Steel Corporation
CITY: Beverly, Tennessee
ROUTE: c/o Southern Railway

SOLD TO: Tucker Steel Corporation
P. O. Box 5225
Knoxville, Tennessee 37918

CUSTOMER'S NO. A-2266
CONTRACT P.O. #A-2266

Table with 6 columns: QUANTITY, SIZE OR PART NO, MATERIAL OR PART NAME, PRICE, EXTENSION, TOTAL U.S. Rows for L-60 (60#), Flux, Jetweld LH-3800, and Jetweld LH-3800.

Tax No. 471-51-2604 Tax Exempt

DUPLICATE INVOICE



14

1003A

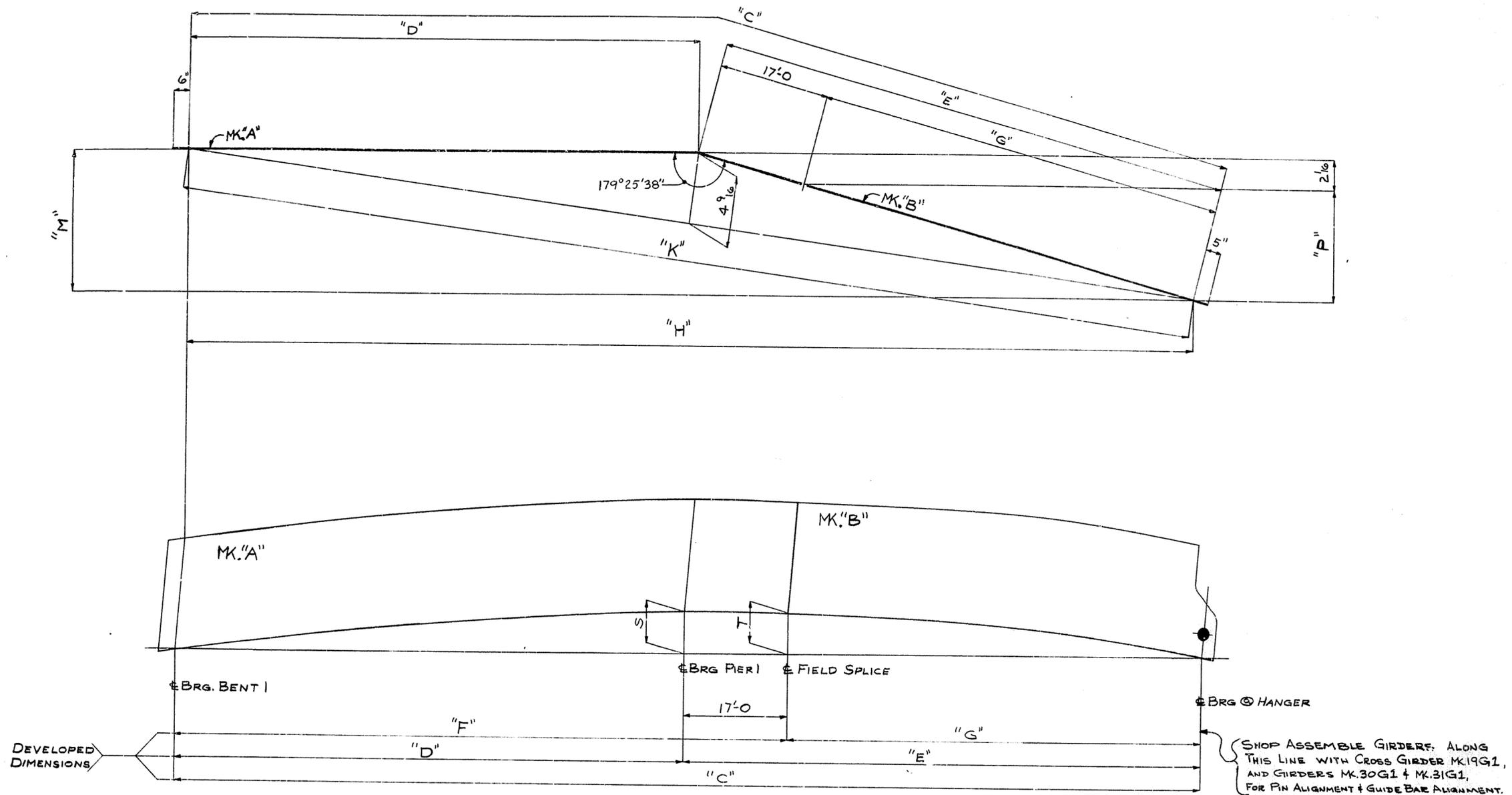
ICB

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
FRANKFORT
COUNTY OF

Jefferson
ROAD

STATION P. E. PROJECT NO. DRAWING NO.

16539



SHOP ASSEMBLE GIRDERS ALONG THIS LINE WITH CROSS GIRDER MK19G1, AND GIRDERS MK.30G1 + MK.31G1, FOR PIN ALIGNMENT + GUIDE BAR ALIGNMENT.

GIRDER LINE	MK.A	MK.B	C	D	E	F	G	H	K	M	P	S	T
(A)	52G1	62G1	152'-10 ³ / ₁₆	76'-5 ³ / ₁₆	76'-5 ⁴ / ₁₆	93'-5 ⁷ / ₁₆	59'-5 ⁴ / ₁₆	152'-10 ³ / ₁₆	152'-10 ³ / ₁₆	9 ³ / ₁₆	7 ⁸ / ₁₆	2 ⁵ / ₁₆	2 ¹ / ₂
(B)	53G1	63G1	152'-8 ¹ / ₁₆	76'-4	76'-4 ¹ / ₁₆	93'-4	59'-4 ¹ / ₁₆	152'-8	152'-8	9 ³ / ₁₆	7 ⁸ / ₁₆	2 ⁷ / ₁₆	2 ⁹ / ₁₆
(C)	54G1	64G1	152'-5 ¹ / ₁₆	76'-2 ⁹ / ₁₆	76'-2 ⁸ / ₁₆	93'-2 ⁹ / ₁₆	59'-2 ⁸ / ₁₆	152'-5 ⁵ / ₁₆	152'-5 ⁵ / ₁₆	9 ⁸ / ₁₆	7 ¹ / ₁₆	2 ⁹ / ₁₆	2 ¹¹ / ₁₆
(D)	55G1	65G1	152'-3 ⁴ / ₁₆	76'-1 ⁵ / ₁₆	76'-1 ⁵ / ₁₆	93'-1 ⁵ / ₁₆	59'-1 ⁵ / ₁₆	152'-3 ⁹ / ₁₆	152'-3 ⁹ / ₁₆	9 ⁸ / ₁₆	7 ¹ / ₁₆	2 ⁵ / ₁₆	2 ³ / ₄
(E)	56G1	66G1	152'-0 ⁸ / ₁₆	76'-0 ⁷ / ₁₆	76'-0 ⁷ / ₁₆	93'-0 ⁷ / ₁₆	59'-0 ⁷ / ₁₆	152'-0 ¹³ / ₁₆	152'-0 ¹³ / ₁₆	9 ⁸ / ₁₆	7 ¹ / ₁₆	2 ¹¹ / ₁₆	2 ³ / ₄
(F)	57G1	67G1	151'-11 ⁸ / ₁₆	75'-11 ⁷ / ₁₆	75'-11 ⁷ / ₁₆	92'-11 ⁷ / ₁₆	58'-11 ⁷ / ₁₆	151'-11 ⁷ / ₁₆	151'-11 ⁷ / ₁₆	9 ⁸ / ₁₆	7 ¹ / ₁₆	2 ¹¹ / ₁₆	2 ³ / ₄
(G)	58G1	68G1	151'-8 ¹ / ₁₆	75'-10 ⁸ / ₁₆	75'-10 ⁵ / ₁₆	92'-10 ³ / ₁₆	58'-10 ⁵ / ₁₆	151'-8 ⁵ / ₁₆	151'-8 ⁵ / ₁₆	9 ⁸ / ₁₆	7 ¹ / ₁₆	2 ⁵ / ₁₆	2 ³ / ₄
(H)	59G1	69G1	151'-6 ⁷ / ₁₆	75'-9 ⁷ / ₁₆	75'-9 ⁸ / ₁₆	92'-9 ⁷ / ₁₆	58'-9 ⁸ / ₁₆	151'-6 ⁴ / ₁₆	151'-6 ⁴ / ₁₆	9 ¹ / ₁₆	7	2 ⁹ / ₁₆	2 ¹¹ / ₁₆
(J)	60G1	70G1	151'-3 ⁸ / ₁₆	75'-7 ¹⁵ / ₁₆	75'-7 ¹⁵ / ₁₆	92'-7 ¹⁵ / ₁₆	58'-7 ¹⁵ / ₁₆	151'-3 ¹ / ₁₆	151'-3 ¹ / ₁₆	9 ¹ / ₁₆	7	2 ⁷ / ₁₆	2 ⁹ / ₁₆
(K)	61G1	71G1	151'-1 ² / ₁₆	75'-6 ³ / ₁₆	75'-6 ³ / ₁₆	92'-6 ³ / ₁₆	58'-6 ³ / ₁₆	151'-1 ⁷ / ₁₆	151'-1 ⁷ / ₁₆	9 ¹ / ₁₆	7	2 ⁵ / ₁₆	2 ⁷ / ₁₆

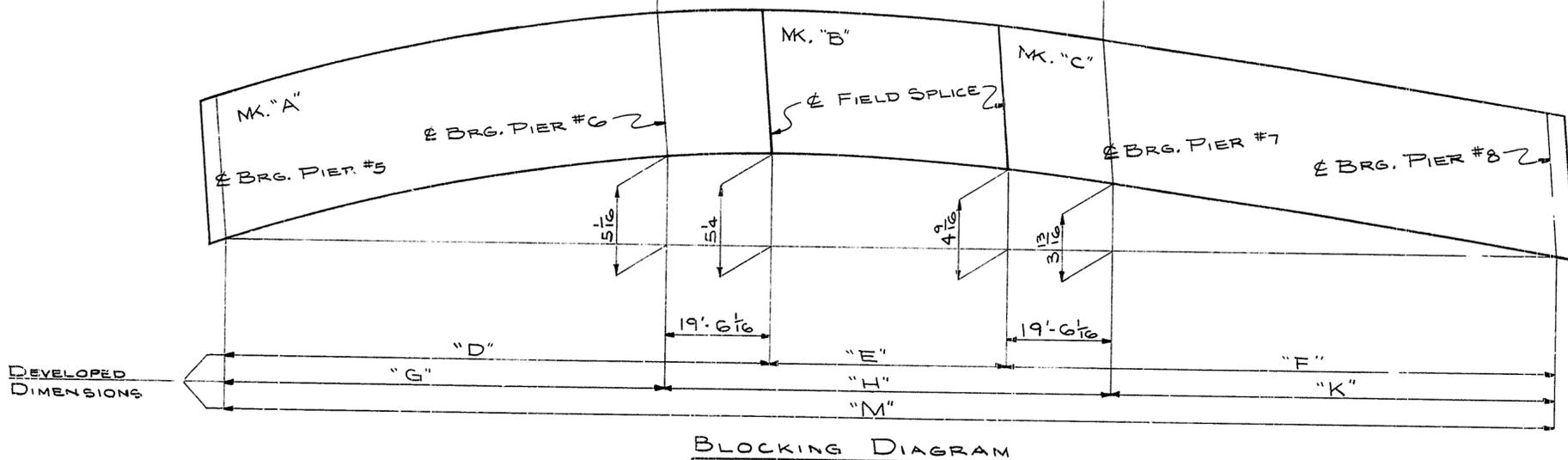
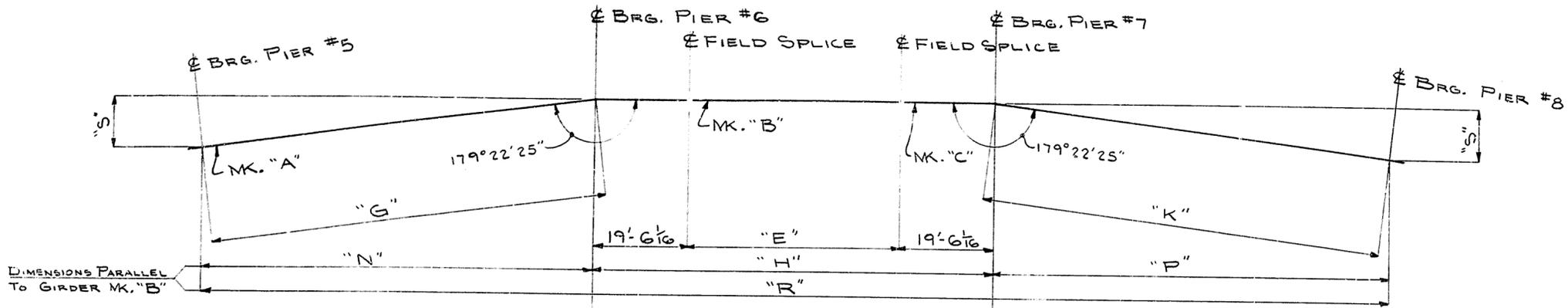
BLOCKING DIAGRAM

NOTE:
FOR GENERAL NOTES SEE SHEET G N 1

STATION 112+82
DRAWING No. 16539
LETTING DATE: 1-24-69

2

HOLES U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.</small>		
<small>ARCHITECT</small> KENTUCKY DEPT. OF HWYS. <small>CONTRACTOR</small>		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 1501 - PROJ. NO. 164-2(64)2
<small>DRAWN BY</small> <i>[Signature]</i> <small>DATE</small> 6-69 <small>CHECKED BY</small> <i>[Signature]</i> <small>DATE</small> 6/69 <small>PAINT SPEC.</small>		JOB NO. A8001 SHEET OF 4 BDI
<small>REVISIONS</small>	<small>DATE BY</small>	



BLOCKING DIAGRAM

GIRDER LINE	GIRDER MK'S.			DIMENSIONS										
	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"K"	"M"	"N"	"P"	"R"	"S"
(A)	112G1	122G1	132G1	103'-0 1/16	44'-5 3/8	103'-0 4	83'-6	83'-6	83'-6 3/16	250'-6 3/16	83'-5 15/16	83'-6 3/8	250'-6 1/16	10 15/16
(B)	113G1	123G1	133G1	102'-10 3/4	44'-4 9/16	102'-10 5/8	83'-4 1/16	83'-4 1/16	83'-4 7/8	250'-2 4	83'-4 5/8	83'-4 13/16	250'-2 8	10 15/16
(C)	114G1	124G1	134G1	102'-9 7/16	44'-3 3/4	102'-9 5/8	83'-3 3/8	83'-3 3/8	83'-3 9/16	249'-10 5/16	83'-3 5/16	83'-3 1/2	249'-10 3/16	10 15/16
(D)	115G1	125G1	135G1	102'-8 8	44'-2	102'-8 5/8	83'-2 7/16	83'-2 8	83'-2 4	249'-6 7/16	83'-2	83'-2 3/16	249'-6 5/16	10 15/16
(E)	116G1	126G1	136G1	102'-6 13/16	44'-0 11/16	102'-7	83'-0 3/4	83'-0 13/16	83'-0 15/16	249'-2 2	83'-0 11/16	83'-0 3/8	249'-2 3/8	10 7/8
(F)	117G1	127G1	137G1	102'-5 3/16	43'-11 11/16	102'-6	82'-11 3/4	82'-11 13/16	82'-11 15/16	248'-11 2	82'-11 1/16	82'-11 3/8	248'-11 3/8	10 7/8
(G)	118G1	128G1	138G1	102'-4 2	43'-10 3/8	102'-4 1/2	82'-10 1/16	82'-10 1/2	82'-10 5/8	248'-7 9/16	82'-10 3/8	82'-10 9/16	248'-7 7/16	10 7/8
(H)	119G1	129G1	139G1	102'-3 3/16	43'-9 1/16	102'-3 3/8	82'-9 8	82'-9 3/16	82'-9 5/16	248'-3 5/8	82'-9 1/16	82'-9 1/4	248'-3 1/2	10 7/8
(J)	120G1	130G1	140G1	102'-1 8	43'-7 13/16	102'-2 1/16	82'-7 13/16	82'-7 15/16	82'-8	247'-11 3/4	82'-7 3/4	82'-7 15/16	247'-11 5/8	10 13/16
(K)	121G1	131G1	141G1	102'-2 9/16	43'-6 1/2	102'-0 3/4	82'-6 1/2	82'-6 5/8	82'-6 11/16	247'-7 1/16	82'-6 7/16	82'-6 5/8	247'-7 11/16	10 13/16

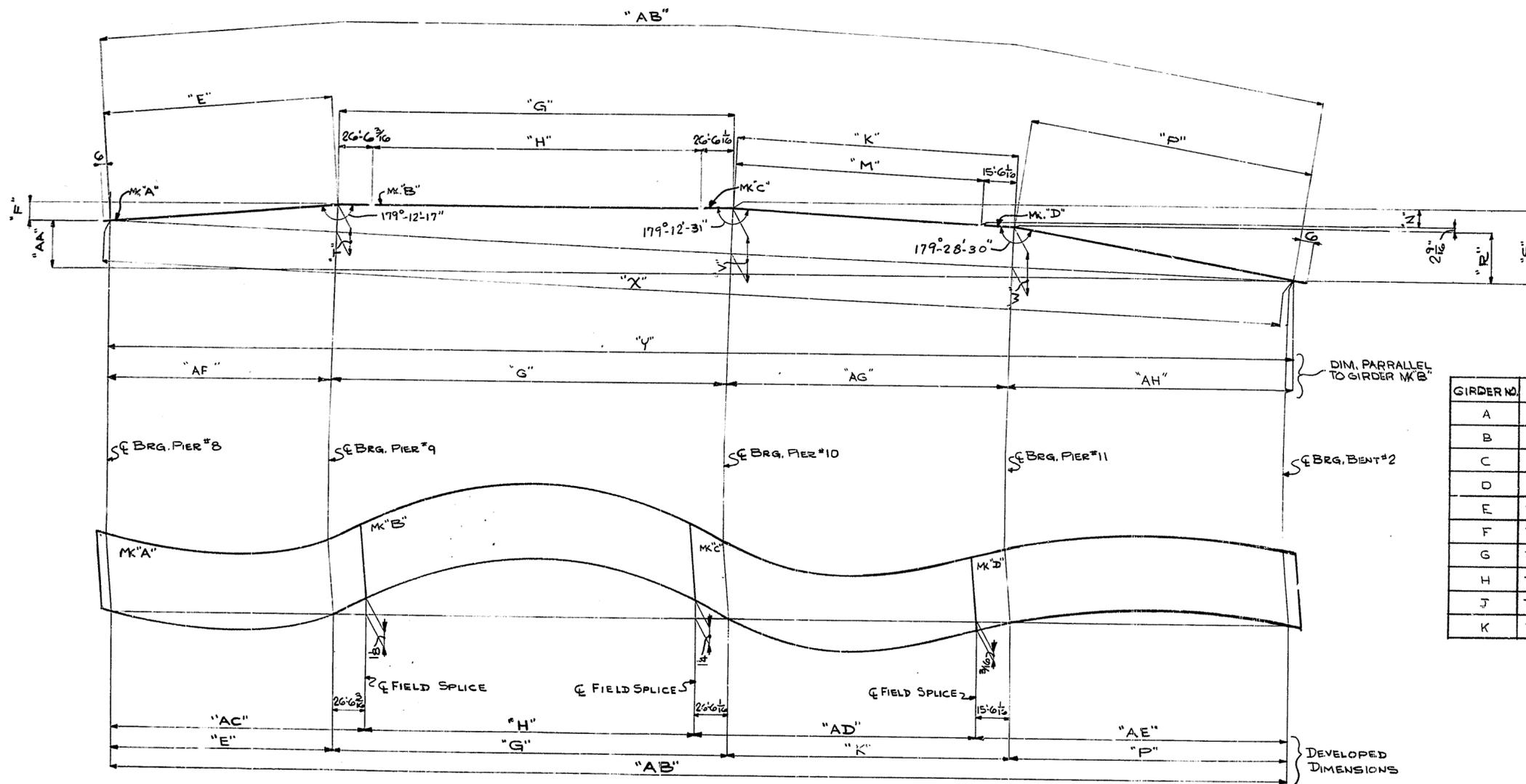
NOTE:

FOR GENERAL NOTES SEE SHEET G.N1.

STATION 112 + 32
DRAWING No. 16539
LETTING DATE 12469

4

HOLES U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 12TH STREET JEFFERSON COUNTY, KENTUCKY SP 58 273-1561 - PROJ. NO. 164-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR	
DRAWN BY	DATE 2/69	CHECKED BY	DATE 8-69
PAINT SPEC.		JOB NO. A-8001	
REVISIONS		DA	BY
		SHEET	
		BD3 OF 4	



GIRDER NO.	MK'AF"	MK'AG"	MK'AH"
A	78'-5 ¹³ / ₁₆ "	78'-5 ³ / ₄ "	62'-4 ³ / ₈ "
B	78'-4 ⁹ / ₁₆ "	78'-4 ¹ / ₂ "	62'-3 ⁷ / ₁₆ "
C	78'-3 ⁵ / ₁₆ "	78'-3 ¹ / ₄ "	62'-2 ⁷ / ₁₆ "
D	78'-2 ¹ / ₁₆ "	78'-2 ¹ / ₁₆ "	62'-1 ⁷ / ₁₆ "
E	78'-0 ¹³ / ₁₆ "	78'-0 ³ / ₁₆ "	62'-1 ¹ / ₂ "
F	77'-11 ⁷ / ₈ "	77'-11 ³ / ₁₆ "	61'-11 ³ / ₄ "
G	77'-10 ¹ / ₁₆ "	77'-10 ¹¹ / ₁₆ "	61'-10 ¹³ / ₁₆ "
H	77'-9 ⁷ / ₁₆ "	77'-9 ⁷ / ₁₆ "	61'-9 ¹³ / ₁₆ "
J	77'-8 ³ / ₁₆ "	77'-8 ¹ / ₄ "	61'-8 ¹³ / ₁₆ "
K	77'-6 ¹⁵ / ₁₆ "	77'-7"	61'-7 ⁷ / ₈ "

BLOCKING DIAGRAM

STATION 112 + 82
 DRAWING NO. 16539
 LETTING DATE: 1-24-69

GIRDER LINE	MK'A"	MK'B"	MK'C"	MK'D"	E"	F"	G"	H"	K"	M"	N"	P"	R"	S"	T"	V"	W"	X"	Y"	AA"	AB"	AC"	AD"	AE"
A	72G1	82G1	92G1	102G1	78'-5 ⁸ / ₁₆ "	1'-1 ¹ / ₁₆ "	133'-9 ¹ / ₁₆ "	80'-9 ⁹ / ₁₆ "	78'-5 ¹³ / ₁₆ "	62'-11 ³ / ₁₆ "	10 ⁷ / ₁₆ "	62'-4 ³ / ₁₆ "	1'-5 ³ / ₁₆ "	2'-6 ³ / ₁₆ "	1'-4 ⁷ / ₁₆ "	1'-10 ³ / ₁₆ "	1'-2 ³ / ₁₆ "	355'-11 ¹³ / ₁₆ "	353'-1 ³ / ₁₆ "	1'-5 ⁸ / ₁₆ "	353'-2 ¹ / ₁₆ "	105'-0 ¹ / ₁₆ "	89'-5 ¹³ / ₁₆ "	77'-10 ⁸ / ₁₆ "
B	73G1	83G1	93G1	103G1	78'-4 ⁸ / ₁₆ "	1'-1 ¹ / ₁₆ "	133'-7 ¹ / ₁₆ "	80'-7 ¹ / ₁₆ "	78'-4 ¹ / ₁₆ "	62'-10 ² / ₁₆ "	10 ⁷ / ₁₆ "	62'-3 ⁵ / ₁₆ "	1'-5 ³ / ₁₆ "	2'-6 ³ / ₁₆ "	1'-4 ⁷ / ₁₆ "	1'-10 ³ / ₁₆ "	1'-2 ³ / ₁₆ "	352'-8 ¹ / ₁₆ "	352'-8 ⁷ / ₁₆ "	1'-5 ⁸ / ₁₆ "	352'-8 ² / ₁₆ "	104'-10 ¹ / ₁₆ "	89'-4 ¹ / ₁₆ "	77'-9 ¹ / ₁₆ "
C	74G1	84G1	94G1	104G1	78'-3 ⁸ / ₁₆ "	1'-1"	133'-5 ¹ / ₁₆ "	80'-5 ¹ / ₁₆ "	78'-3 ¹ / ₁₆ "	62'-9 ⁴ / ₁₆ "	10 ⁸ / ₁₆ "	62'-2 ² / ₁₆ "	1'-5 ⁸ / ₁₆ "	2'-6 ¹ / ₁₆ "	1'-4 ³ / ₁₆ "	1'-10 ⁴ / ₁₆ "	1'-2 ⁸ / ₁₆ "	352'-2 ¹ / ₁₆ "	352'-2 ³ / ₁₆ "	1'-5 ¹ / ₁₆ "	352'-2 ¹ / ₁₆ "	104'-9 ¹ / ₁₆ "	89'-3 ¹ / ₁₆ "	77'-8 ¹ / ₁₆ "
D	75G1	85G1	95G1	105G1	78'-2 ⁸ / ₁₆ "	1'-1"	133'-3 ¹ / ₁₆ "	80'-3 ¹ / ₁₆ "	78'-2 ⁸ / ₁₆ "	62'-8 ¹ / ₁₆ "	10 ⁸ / ₁₆ "	62'-1 ⁵ / ₁₆ "	1'-5 ⁸ / ₁₆ "	2'-6 ¹ / ₁₆ "	1'-4 ¹ / ₁₆ "	1'-10 ⁴ / ₁₆ "	1'-2 ⁸ / ₁₆ "	351'-9 ⁷ / ₁₆ "	351'-9 ¹ / ₁₆ "	1'-5 ¹ / ₁₆ "	351'-9 ¹ / ₁₆ "	104'-8 ⁸ / ₁₆ "	89'-2 ⁸ / ₁₆ "	77'-7 ¹ / ₁₆ "
E	76G1	86G1	96G1	106G1	78'-0 ⁸ / ₁₆ "	1'-1"	133'-1 ¹ / ₁₆ "	80'-1 ¹ / ₁₆ "	78'-0 ⁸ / ₁₆ "	62'-6 ¹ / ₁₆ "	10 ⁸ / ₁₆ "	62'-0 ¹ / ₁₆ "	1'-5 ⁸ / ₁₆ "	2'-6 ¹ / ₁₆ "	1'-4 ¹ / ₁₆ "	1'-10 ⁴ / ₁₆ "	1'-2 ⁸ / ₁₆ "	351'-3 ⁵ / ₁₆ "	351'-3 ⁵ / ₁₆ "	1'-5 ¹ / ₁₆ "	351'-3 ⁵ / ₁₆ "	104'-7 ¹ / ₁₆ "	89'-0 ⁸ / ₁₆ "	77'-6 ¹ / ₁₆ "
F	77G1	87G1	97G1	107G1	77'-11 ¹ / ₁₆ "	1'-1"	132'-11 ¹ / ₁₆ "	79'-11 ¹ / ₁₆ "	78'-0	62'-5 ¹ / ₁₆ "	10 ⁸ / ₁₆ "	61'-11 ¹ / ₁₆ "	1'-5 ¹ / ₁₆ "	2'-6	1'-4 ³ / ₁₆ "	1'-10 ³ / ₁₆ "	1'-2 ¹ / ₁₆ "	350'-11 ² / ₁₆ "	350'-11 ² / ₁₆ "	1'-5	350'-11 ² / ₁₆ "	104'-6 ⁸ / ₁₆ "	89'-0	77'-6
G	78G1	88G1	98G1	108G1	77'-10 ¹ / ₁₆ "	1'-0 ¹ / ₁₆ "	132'-9 ¹ / ₁₆ "	79'-9 ¹ / ₁₆ "	77'-10 ¹ / ₁₆ "	62'-4 ¹ / ₁₆ "	10 ⁸ / ₁₆ "	61'-11	1'-5 ¹ / ₁₆ "	2'-5 ¹ / ₁₆ "	1'-4 ¹ / ₁₆ "	1'-10 ³ / ₁₆ "	1'-2 ¹ / ₁₆ "	350'-6 ¹ / ₁₆ "	350'-6	1'-5	350'-6 ¹ / ₁₆ "	104'-4 ¹ / ₁₆ "	88'-10 ² / ₁₆ "	77'-5 ¹ / ₁₆ "
H	79G1	89G1	99G1	109G1	77'-9 ¹ / ₁₆ "	1'-0 ¹ / ₁₆ "	132'-7 ¹ / ₁₆ "	79'-7 ¹ / ₁₆ "	77'-9 ¹ / ₁₆ "	62'-3 ¹ / ₁₆ "	10 ⁸ / ₁₆ "	61'-10	1'-5 ¹ / ₁₆ "	2'-5 ¹ / ₁₆ "	1'-4 ¹ / ₁₆ "	1'-10 ³ / ₁₆ "	1'-2 ¹ / ₁₆ "	350'-0 ¹ / ₁₆ "	350'-0 ⁸ / ₁₆ "	1'-5	350'-0 ¹ / ₁₆ "	104'-3 ¹ / ₁₆ "	88'-9 ² / ₁₆ "	77'-4 ¹ / ₁₆ "
J	80G1	90G1	100G1	110G1	77'-8 ¹ / ₁₆ "	1'-0 ¹ / ₁₆ "	132'-5 ¹ / ₁₆ "	79'-5 ¹ / ₁₆ "	77'-8 ¹ / ₁₆ "	62'-2 ¹ / ₁₆ "	10 ⁸ / ₁₆ "	61'-9	1'-5	2'-5 ¹ / ₁₆ "	1'-4 ¹ / ₁₆ "	1'-10 ³ / ₁₆ "	1'-2	349'-7 ¹ / ₁₆ "	349'-7	1'-4 ¹ / ₁₆ "	349'-7 ¹ / ₁₆ "	104'-2 ¹ / ₁₆ "	88'-8 ⁵ / ₁₆ "	77'-3 ¹ / ₁₆ "
K	81G1	91G1	101G1	111G1	77'-7	1'-0 ¹ / ₁₆ "	132'-3 ² / ₁₆ "	79'-3 ¹ / ₁₆ "	77'-7 ¹ / ₁₆ "	62'-1	10 ⁸ / ₁₆ "	61'-8 ¹ / ₁₆ "	1'-5	2'-5 ¹ / ₁₆ "	1'-4 ¹ / ₁₆ "	1'-10 ³ / ₁₆ "	1'-2	349'-1 ¹ / ₁₆ "	349'-1 ⁵ / ₁₆ "	1'-4 ¹ / ₁₆ "	349'-1 ¹ / ₁₆ "	104'-1 ¹ / ₁₆ "	88'-7 ¹ / ₁₆ "	77'-2 ¹ / ₁₆ "

HOLES U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

USI TUCKER STEEL
 DIVISION OF U.S. INDUSTRIES, INC.
 KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 164 OVER K & ITRR AND 27TH STREET
 CEDAR GROVE TERRACE TO 13TH STREET
 JEFFERSON COUNTY, KENTUCKY
 SP 56 273 581- PROJ. NO. 164-2(64)2

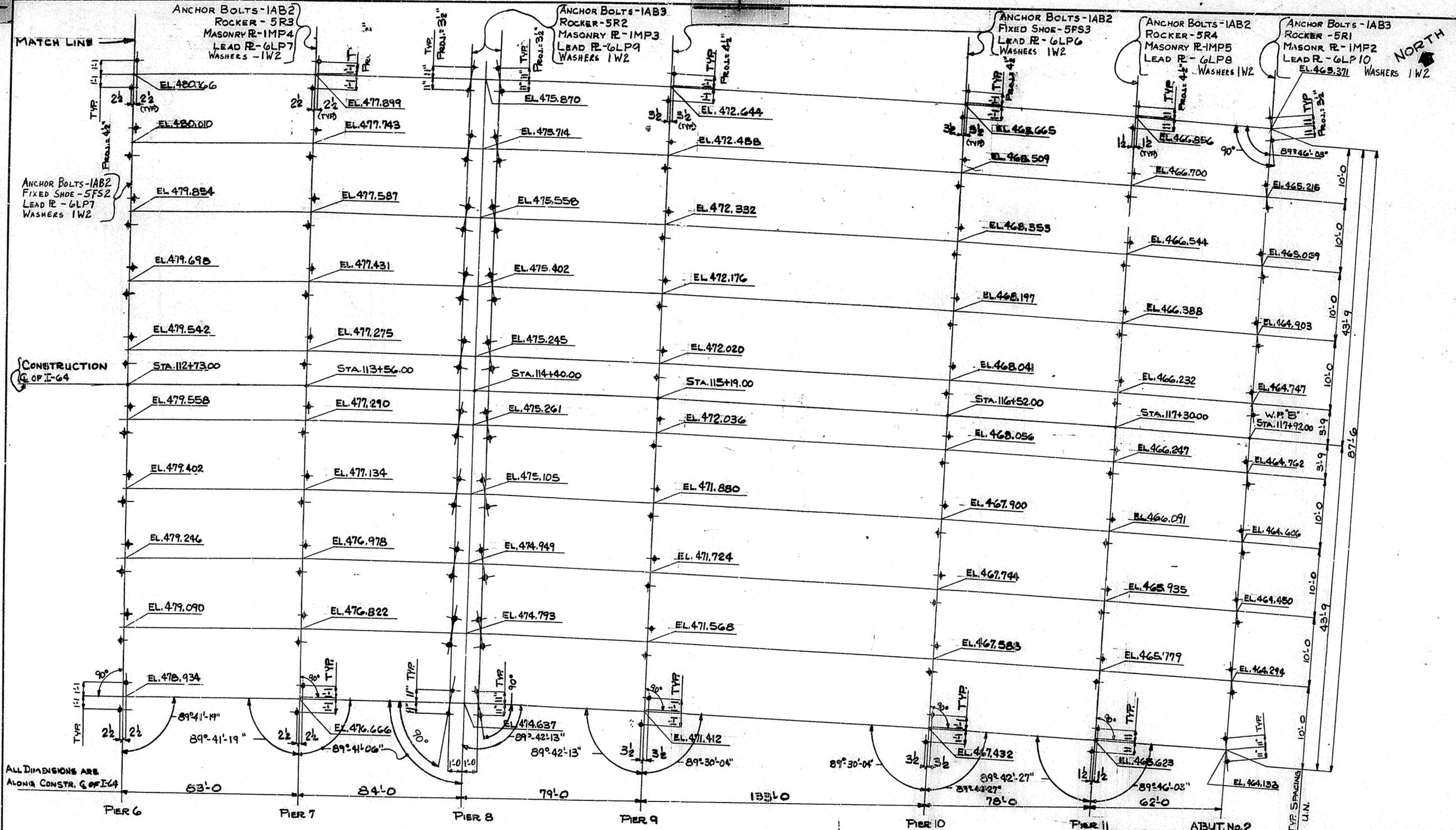
ARCHITECT: KENTUCKY DEPT. OF HWYS.
 CONTRACTOR:

DRAWN BY: *VB* DATE: 7/69
 CHECKED BY: *P.V.H.* DATE: 7/69
 PAINT SPEC:

REVISIONS DATE BY

JOB NO. A-8001
 SHEET
 BD4 OF 4

5



ALL DIMENSIONS ARE
ALONG CONSTR. C.O.P. I-64

HOLES U.N.

Steel To Be Erected in Accordance With
Drawings And Specifications For A.I.S.C.
Code Of Standard Practice. Unless Autho-
rized No Back Changes Will Be Accepted.



USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI

JOB: 164 OVER K & ITRR AND 17TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SR 50 273 7591- PROJ. NO. 184-2(4)1

ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

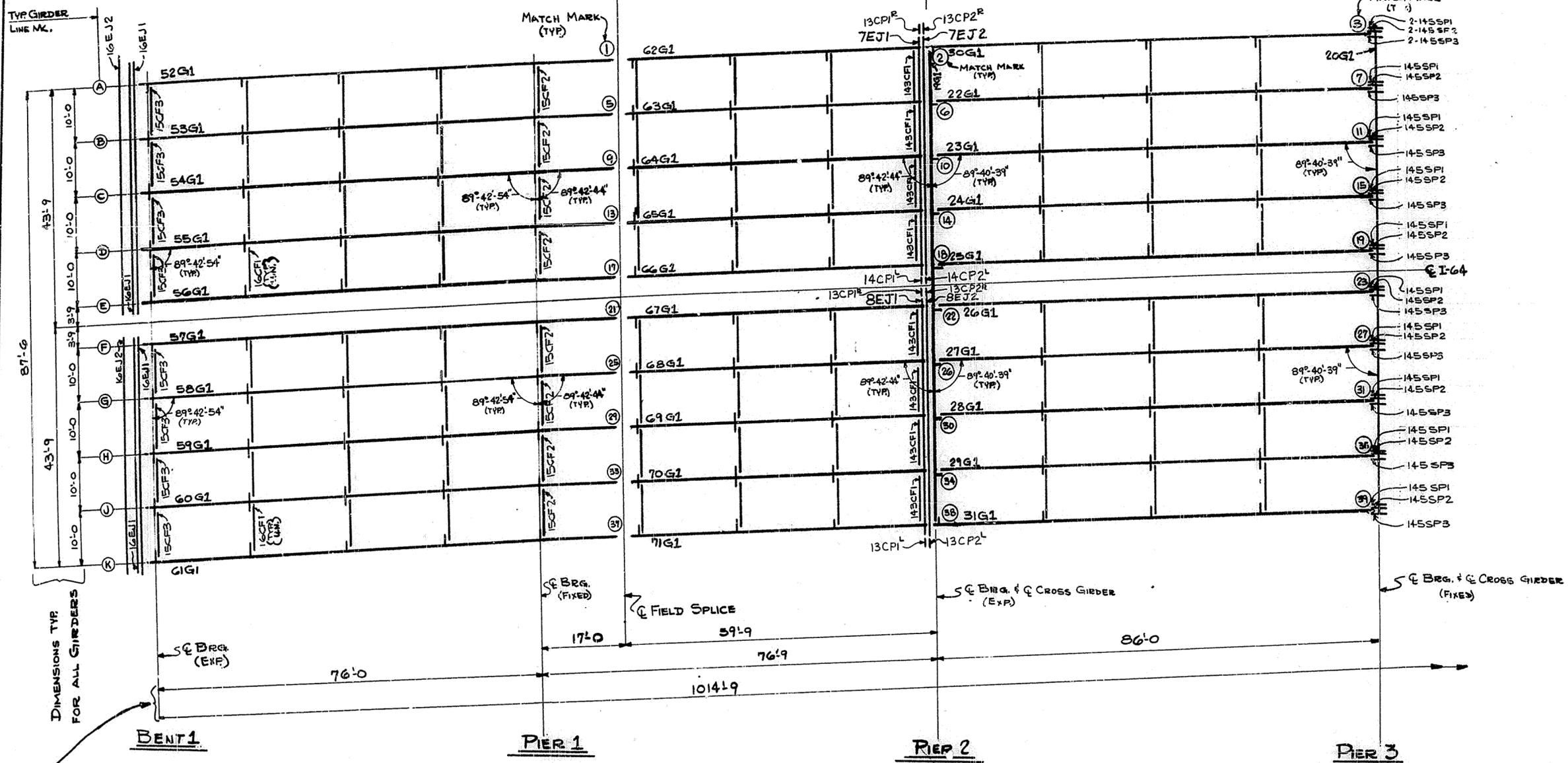
DRAWN BY *gbl* DATE 2/69 JOB NO. A8001
CHECKED BY *P.W.H.* DATE 6/69

PAINT SPEC. SHEET E2 OF

REVISIONS	DATE	BY

NORTH

UNIT #1 UNIT #2



FRAMING PLAN

NOTE
ALL CROSS FRAMES
"16CF1" U.N.

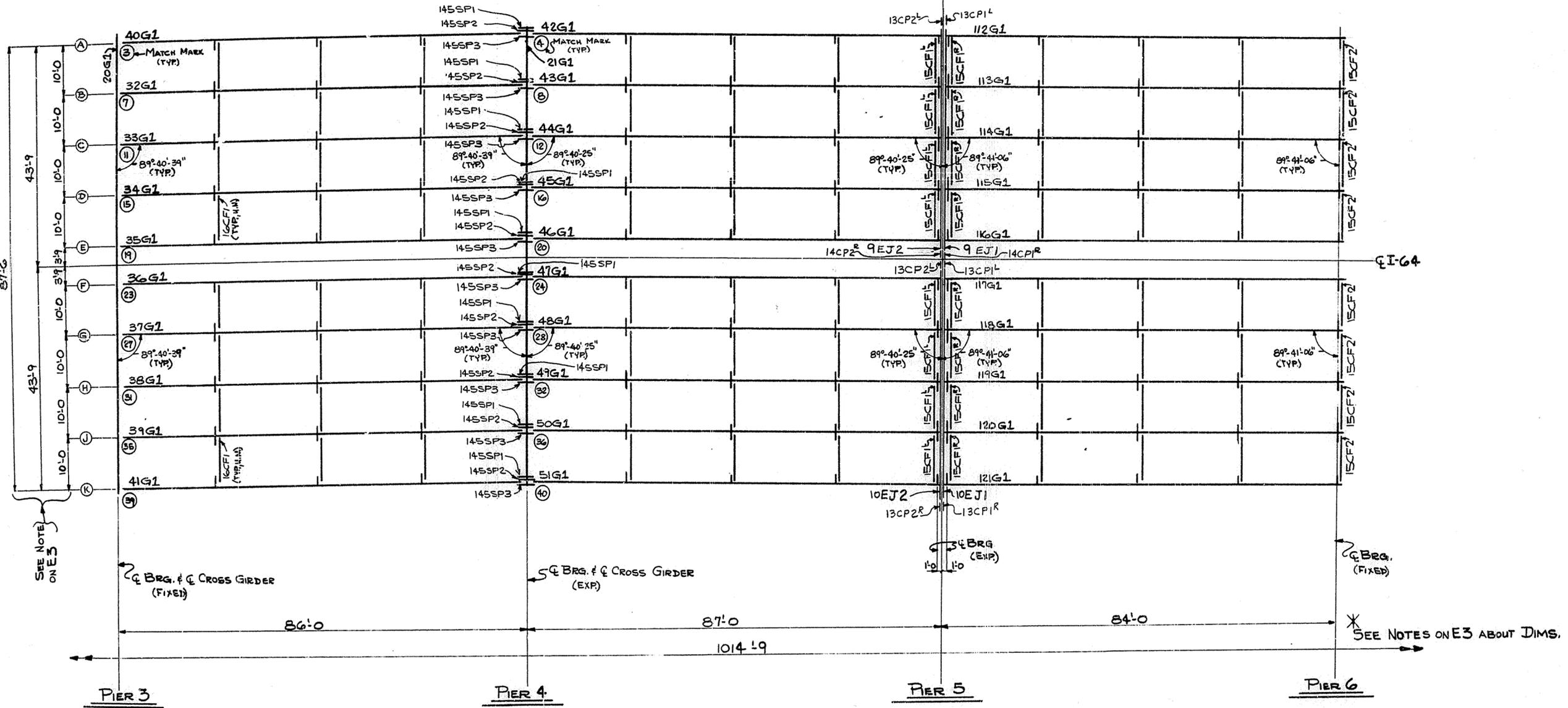
- *NOTE 3
1. FOR GENERAL NOTES SEE SH. GN1
 2. ALL DIMENSIONS ARE HORIZONTAL
 3. ALL ABUTMENTS AND PIERS ARE RADIAL
 4. FOR TYP SECTIONS @ PIERS SEE SH. E7

STATION 112+82 I-64 - CEDAR GROVE TERRACE TO 13TH STREET
DRAWING No. 16539
LETTING DATE: 1-24-69

HOLES U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 75E1 - PROJ. NO. 194-2(64)1	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY	DATE 2/69	JOB NO. AB001	
CHECKED BY	DATE 6/69	SHEET	
PAINT SPEC.		E3 OF	
REVISIONS	DATE BY		

NORTH

UNIT #2 UNIT #3



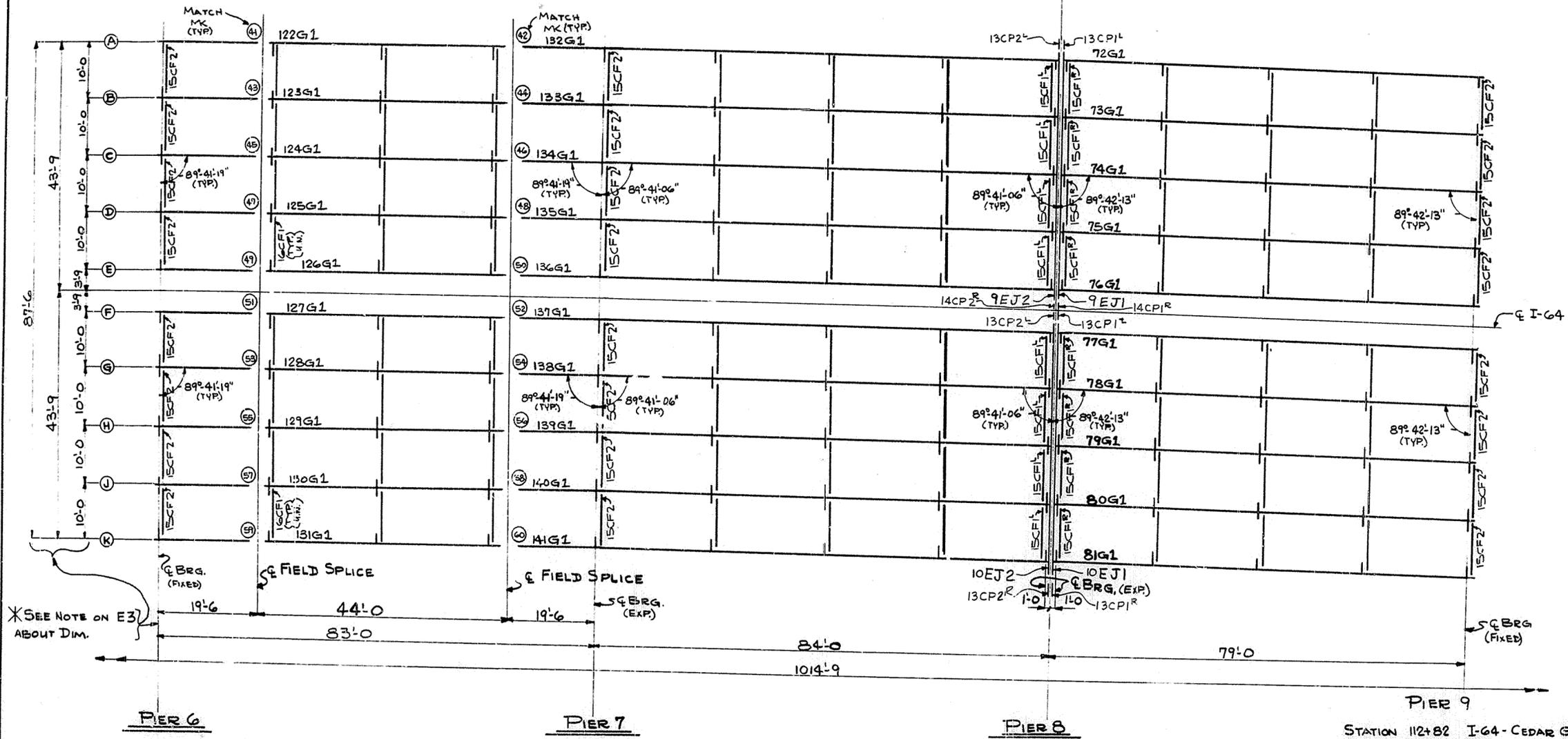
STATION 112+82 I-64 - CEDAR GROVE TERRACE TO 13TH STREET
 DRAWING No 16539
 LETTING DATE: 1-24-69

NOTE:
 ALL CROSS FRAMES
 16CF1 U.N.

HOLES		U.N.	
<small>Steel to be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>			
		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 2737681 - PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY <i>JB</i>	DATE 2/69	JOB NO. A 8001	
CHECKED BY <i>JB</i>	DATE 6/69	SHEET	
PAINT SPEC.			
REVISIONS		DATE BY	
		E 4 OF	

North

UNIT *3 UNIT *4



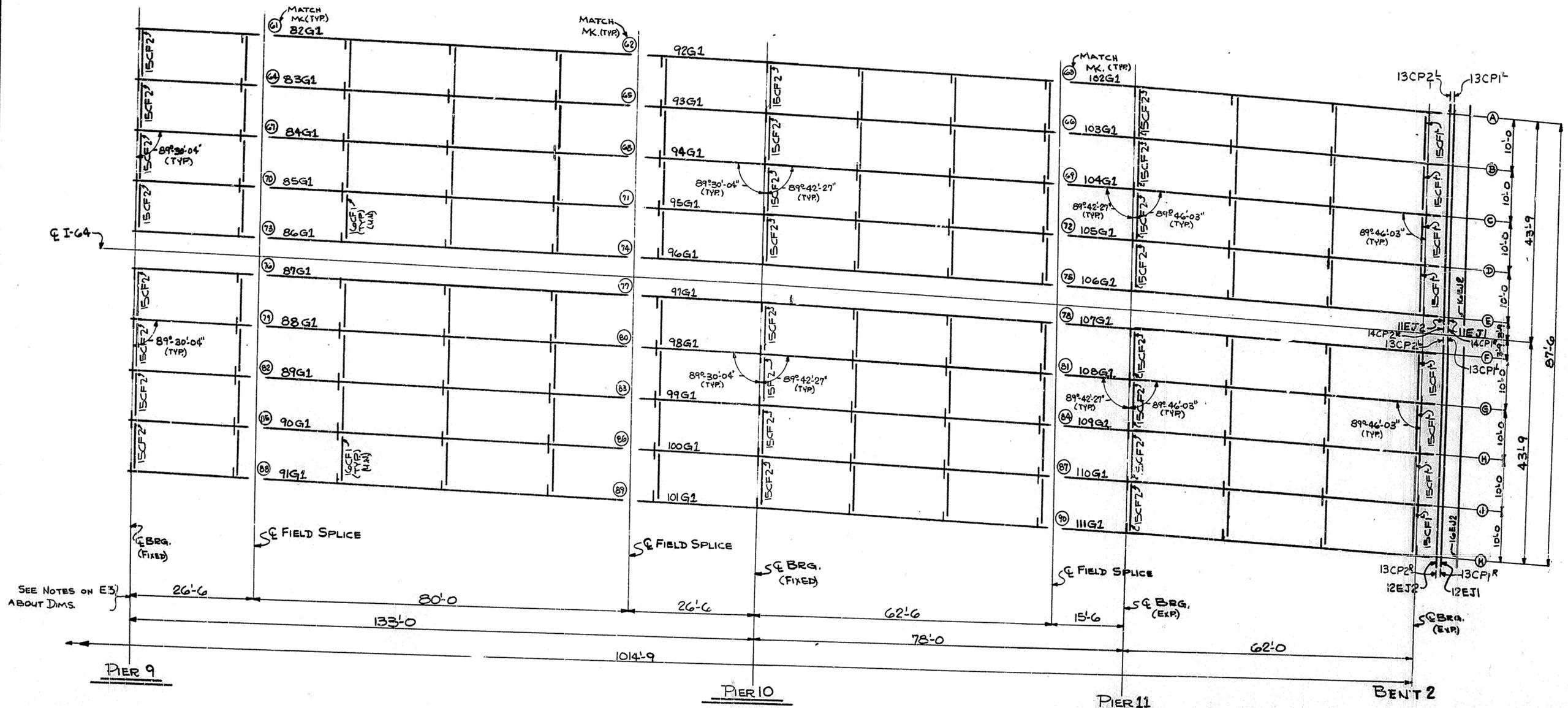
*SEE NOTE ON E3 ABOUT DIM.

NOTE
ALL CROSS FRAMES
16CF1 U.N.

STATION 112+82 I-64 CEDAR GROVE TERRACE TO 13TH STREET
DRAWING No. 16539
LETTING DATE: 1-24-69

HOLES U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 275 7021- PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	GB	DATE	2/69
CHECKED BY	LCG	DATE	2/69
PAINT SPEC.		JOB NO. A8001	
REVISIONS		DATE BY	
		SHEET	
		E5 OF	

NORTH

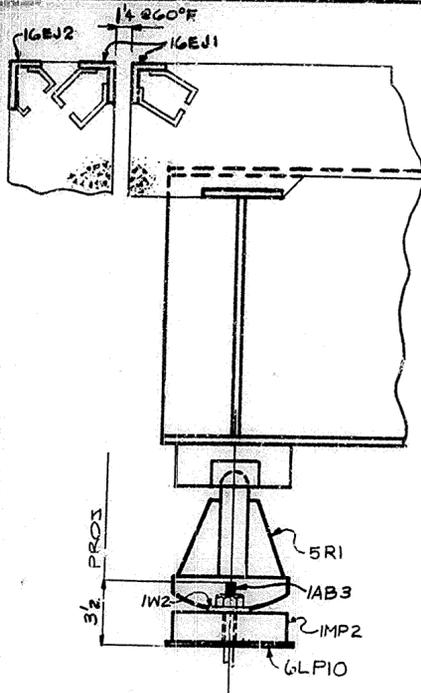


SEE NOTES ON E3 ABOUT DIMS.

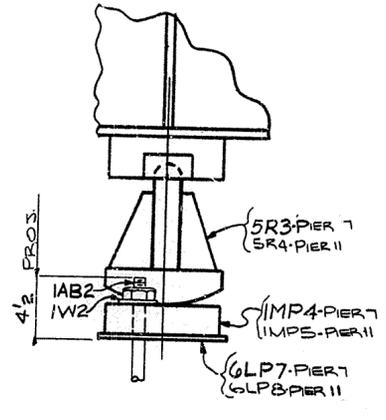
NOTE 2
ALL CROSS FRAMES "16CF1" U.N.

STATION 112+82 I-64 - CEDAR GROVE TERRACE TO 13TH STREET
DRAWING No. 16539
LETTING DATE: 1-24-69

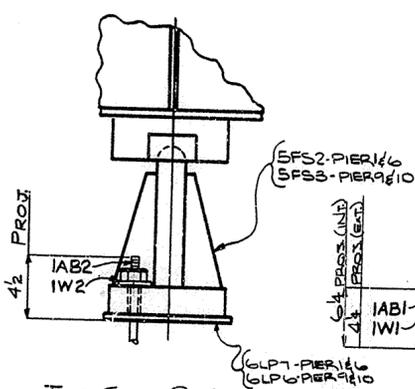
HOLES U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 158 - PROJ. NO. 164-2(6)1		ARCHITECT KENTUCKY DEPT. OF HWYS.	
CONTRACTOR		DRAWN BY <i>js</i> DATE <i>2/69</i> JOB NO. A8001	
REVISIONS		CHECKED BY _____ DATE _____ SHEET	
		PAINT SPEC. _____ E6 OF	



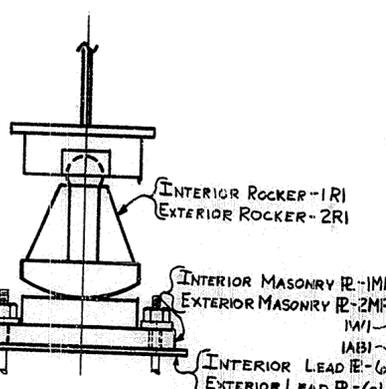
TYP. SECT. @ ABUT. 1



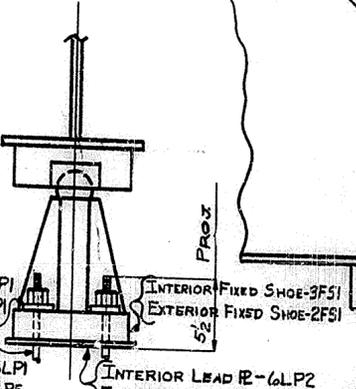
TYP. SECT. @ PIER 7 & 11



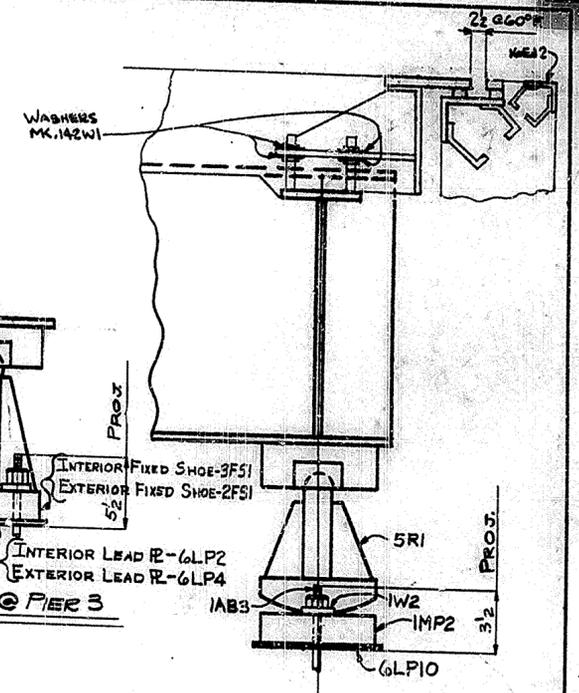
TYP. SECT. @ PIER 1, 6, 9 & 10



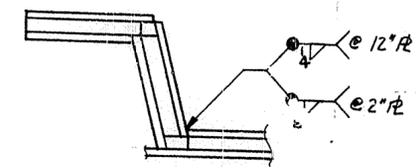
TYP. SECT. @ PIER 4



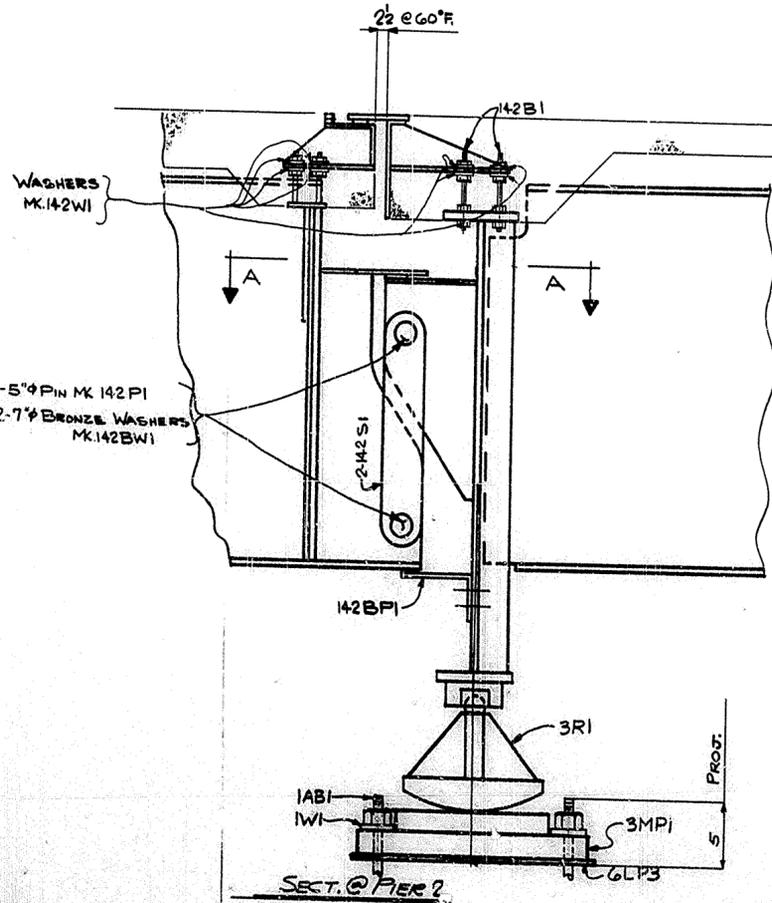
TYP. SECT. @ PIER 3



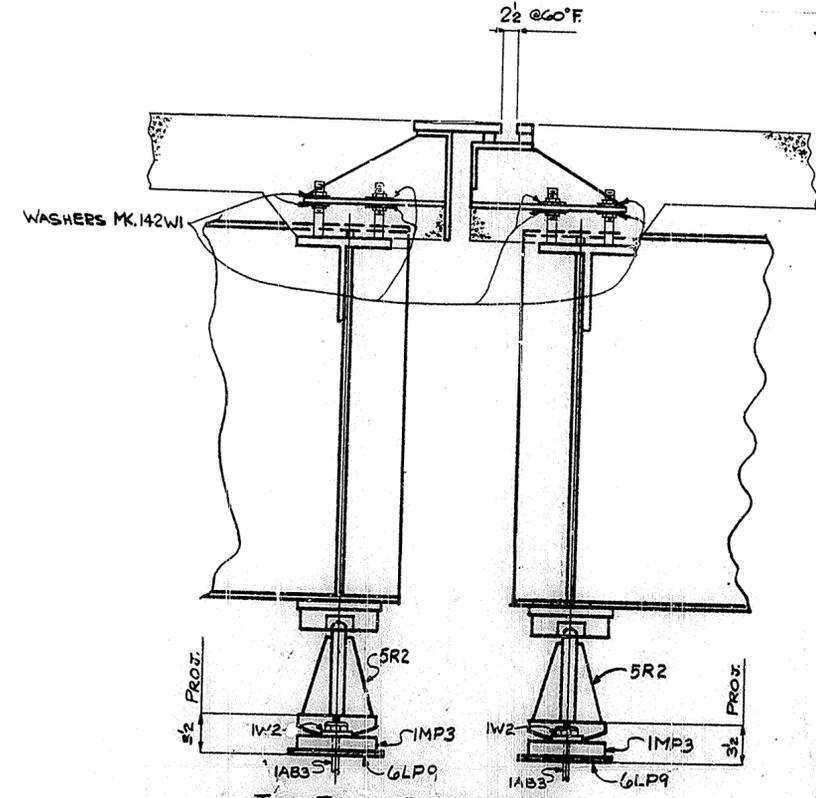
TYP. SECT. @ ABUT. 2



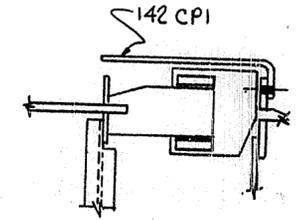
TYP. DETAIL @ CURB FR.



SECT. @ PIER 2



TYP. SECT. @ PIER 5 & 8

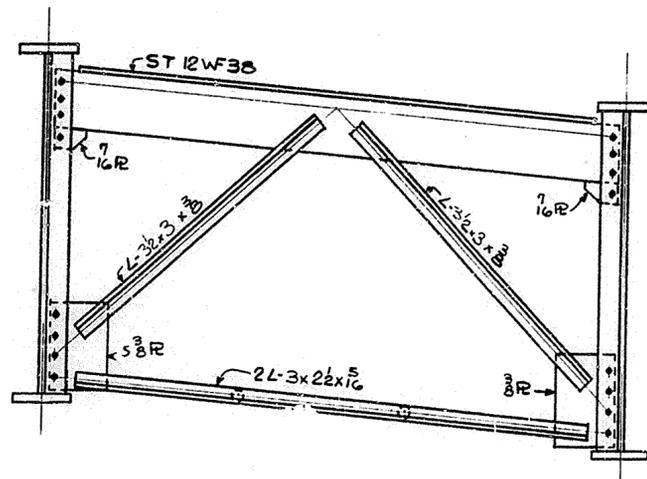


SECTION 'A'

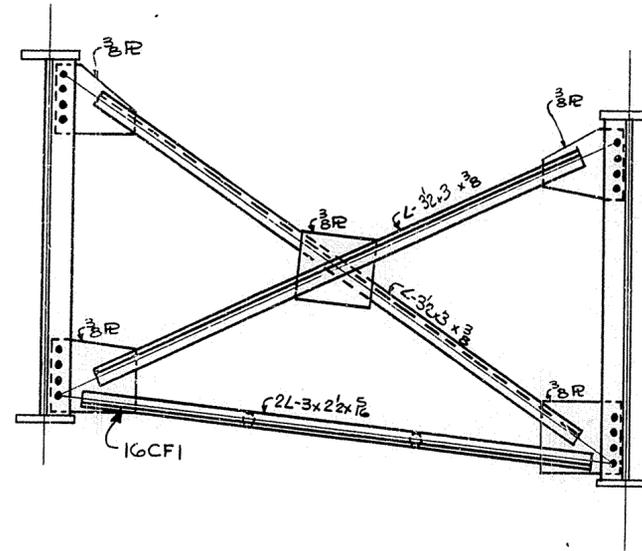
(AS SHOWN FOR GIRDER LINE (A))
(OPP. HAND FOR GIRDER LINE (K))

STATION 112+82 I-64 - CEDAR GROVE TERRACE TO 13TH STREET
DRAWING NO. 16539
LETTING DATE: 1-24-69

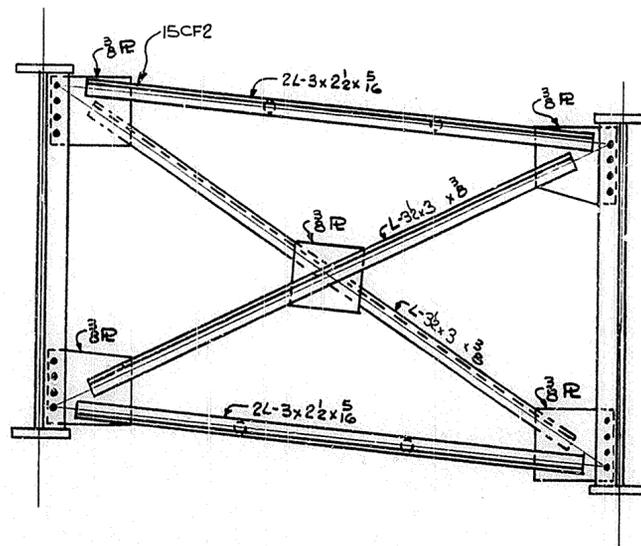
HOLES U.N.		USI TUCKER STEEL	
Steel To Be Erected In Accordance With Drawings And Specifications For A.I.S.C. Code Of Standard Practice. Unless Otherwise Indicated No Stock Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K&T TER AND 13TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 55 271 7501-PROJ. NO. 64-2(64)			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY DFC	DATE 5-69	JOB NO. A8001	
CHECKED BY P.H.H.	DATE 6-69	SHEET	
PAINT SPEC.		OF	
REVISIONS	DATE	BY	



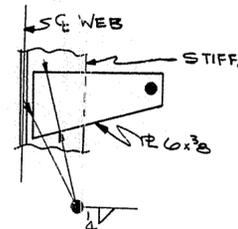
TYP. CROSSFRAME @ BENT 1+2 AND PIERS 2, 5, 8



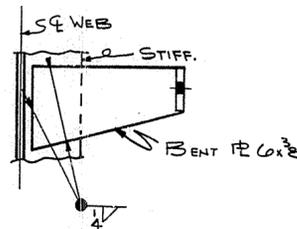
TYP. INTERMEDIATE CROSSFRAMES



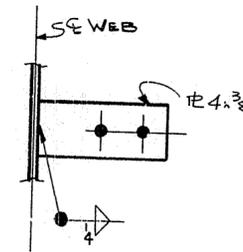
TYP. CROSSFRAME @ PIERS 1, 6, 7, 9, 10, 11



TYPICAL VERTICAL PIPE HANGER



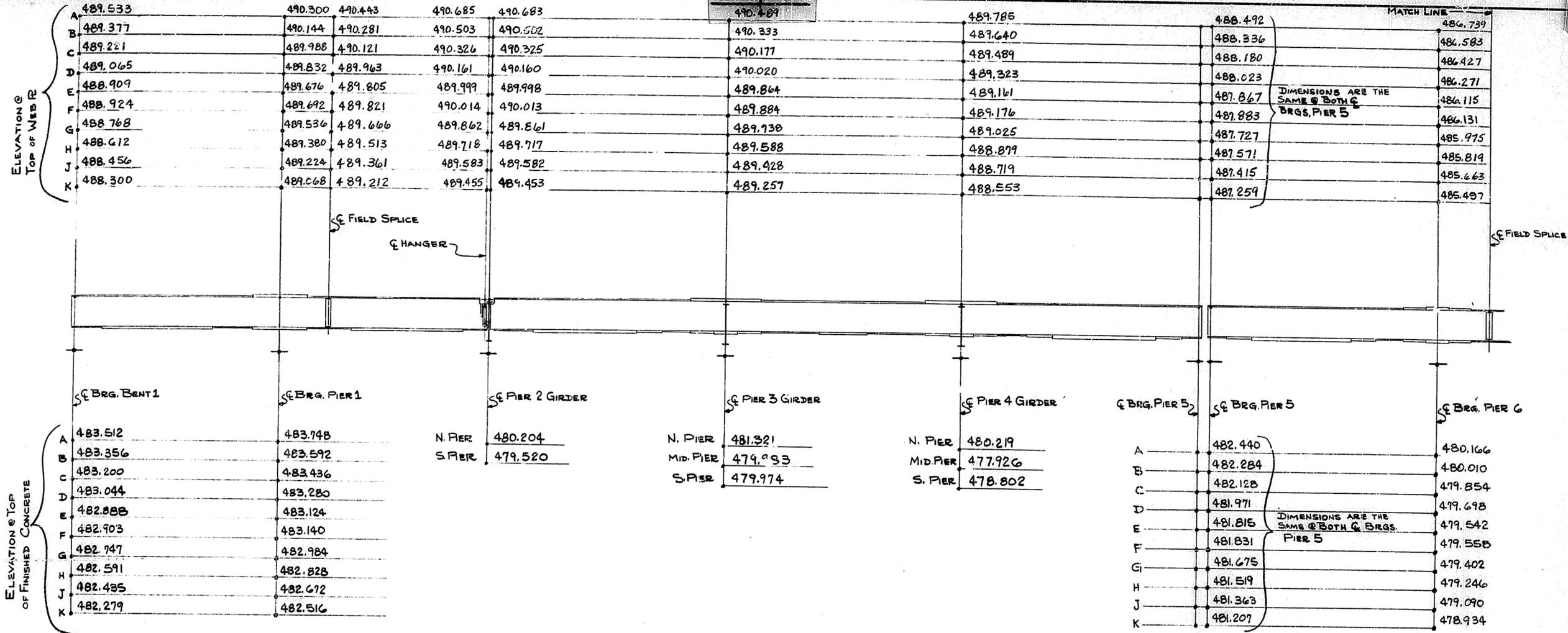
TYPICAL HORIZONTAL PIPE HANGER



TYPICAL DOWNSPOUT PIPE HANGER

STATION 112+82 I-64 - CEDAR GROVE TERRACE TO 13TH STREET
 DRAWING No. 16539
 LETTING DATE: 1-24-69

HOLES U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
 		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 - PROJ. NO. 164-2(64)2	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY GR	DATE 2/69	JOB No. A 8001	SHEET E 8 OF
CHECKED BY LCG	DATE 6-69	PAIN'T SPEC.	
REVISIONS	DATE	BY	



NOTE - ELEVATION SPICES INCLUDE CAMBER BEFORE REMAINING DEAD LOAD IS APPLIED

STATION 112+82
DRAWING No. 16539
LETTING 1-24-69

NOTE:
FOR GENERAL NOTES SEE SHEET GNI

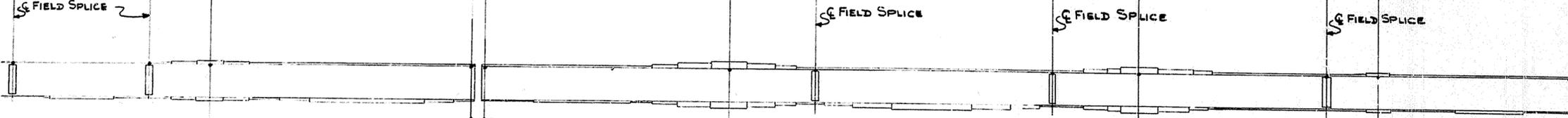
14

HOLES U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.</small>	usi TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI
	JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 164-2(G4)2
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR	DRAWN BY [Signature] DATE 2/69 JOB NO. A8001 CHECKED BY [Signature] DATE 6/69 PAINT SPEC.
REVISIONS DATE BY	SHEET E9 OF

MATCH LINE

ELEVATION @ TOP OF WEB	Pier 7			Pier 8		Pier 9		Pier 10		Pier 11		Pier 12
	A	B	C	D	E	F	G	H	I	J	K	
A	486.244	485.045	484.472	481.922	479.582	478.881	476.491	475.592	473.701	473.252	471.392	
B	486.088	484.889	484.316	481.766	479.426	478.725	476.335	475.436	473.545	473.096	471.236	
C	485.932	484.733	484.160	481.610	479.270	478.569	476.179	475.280	473.389	472.940	471.080	
D	485.776	484.577	484.004	481.454	479.114	478.413	476.023	475.124	473.233	472.784	470.924	
E	485.620	484.421	483.848	481.297	478.958	478.257	475.867	474.968	473.077	472.628	470.768	
F	485.464	484.265	483.692	481.146	478.802	478.101	475.710	474.811	472.920	472.471	470.611	
G	485.308	484.109	483.536	481.000	478.646	477.945	475.554	474.655	472.764	472.315	470.455	
H	485.152	483.953	483.380	480.891	478.490	477.789	475.398	474.499	472.608	472.159	470.299	
I	485.000	483.801	483.228	480.739	478.334	477.633	475.242	474.343	472.452	472.003	470.143	
J	484.844	483.645	483.072	480.583	478.178	477.477	475.086	474.187	472.296	471.847	470.000	
K	484.688	483.489	482.916	480.427	478.022	477.321	474.930	474.031	472.140	471.691	470.000	

DIMENSIONS ARE THE SAME @ BOTH BRGS. PIER 8



ELEVATION @ TOP OF FINISHED CONCRETE	Pier 7			Pier 8		Pier 9		Pier 10		Pier 11		Bent 2
	A	B	C	D	E	F	G	H	I	J	K	
A	477.899	475.870	475.870	475.870	472.644	468.665	468.665	466.856	465.371			
B	477.743	475.714	475.714	475.714	472.488	468.509	468.509	466.700	465.215			
C	477.587	475.558	475.558	475.558	472.332	468.353	468.353	466.544	465.059			
D	477.431	475.402	475.402	475.402	472.176	468.197	468.197	466.388	464.903			
E	477.275	475.245	475.245	475.245	472.020	468.041	468.041	466.232	464.747			
F	477.290	475.261	475.261	475.261	472.036	468.056	468.056	466.247	464.762			
G	477.134	475.105	475.105	475.105	471.880	467.900	467.900	466.091	464.606			
H	476.978	474.949	474.949	474.949	471.724	467.744	467.744	465.935	464.450			
I	476.822	474.793	474.793	474.793	471.568	467.588	467.588	465.779	464.294			
J	476.666	474.637	474.637	474.637	471.412	467.432	467.432	465.623	464.138			

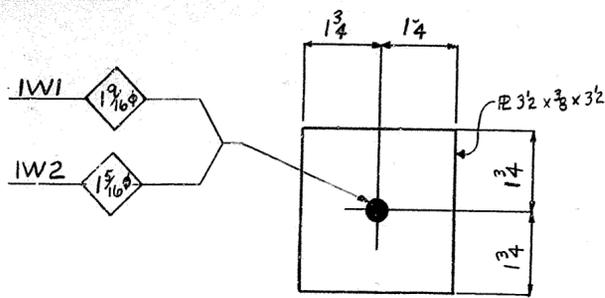
DIMENSIONS ARE THE SAME @ BOTH BRGS. PIER 8

NOTE: ELEVATION AT FIELD SPICES INDICATED ABOVE. REPAIR REMAINING DEPENDANT ON APPLICABLE

STATION 112+82
DRAWING NO 16539
LETTING 1-24-69

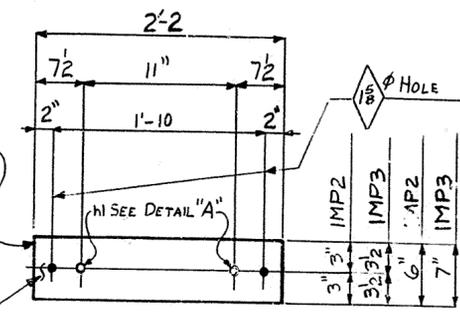
NOTE:
FOR GENERAL NOTES SEE SHEET GNI 15

HOLES U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
SHEET TO BE ERRECTED IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS PER A.I.S.C. CODE OF STANDARD PRACTICE. UNLESS AUTHORIZED NO BACK CHARGES WILL BE ACCEPTED.			
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7081 - PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE 2/63	CHECKED BY	JOB NO. A8001
			DATE 6/69
			SHEET E10 OF
REVISIONS	DATE	BY	

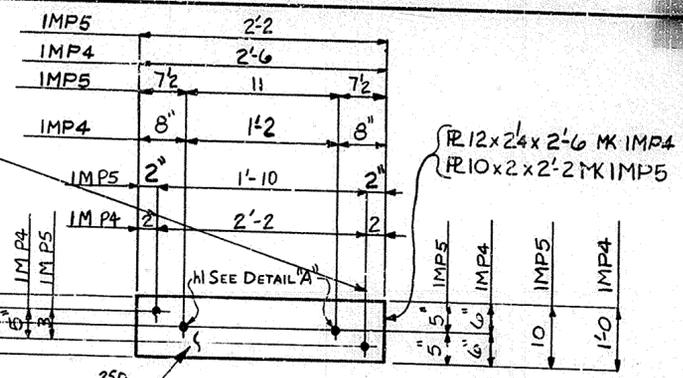


32-WASHERS - IW1
240-WASHERS - IW2

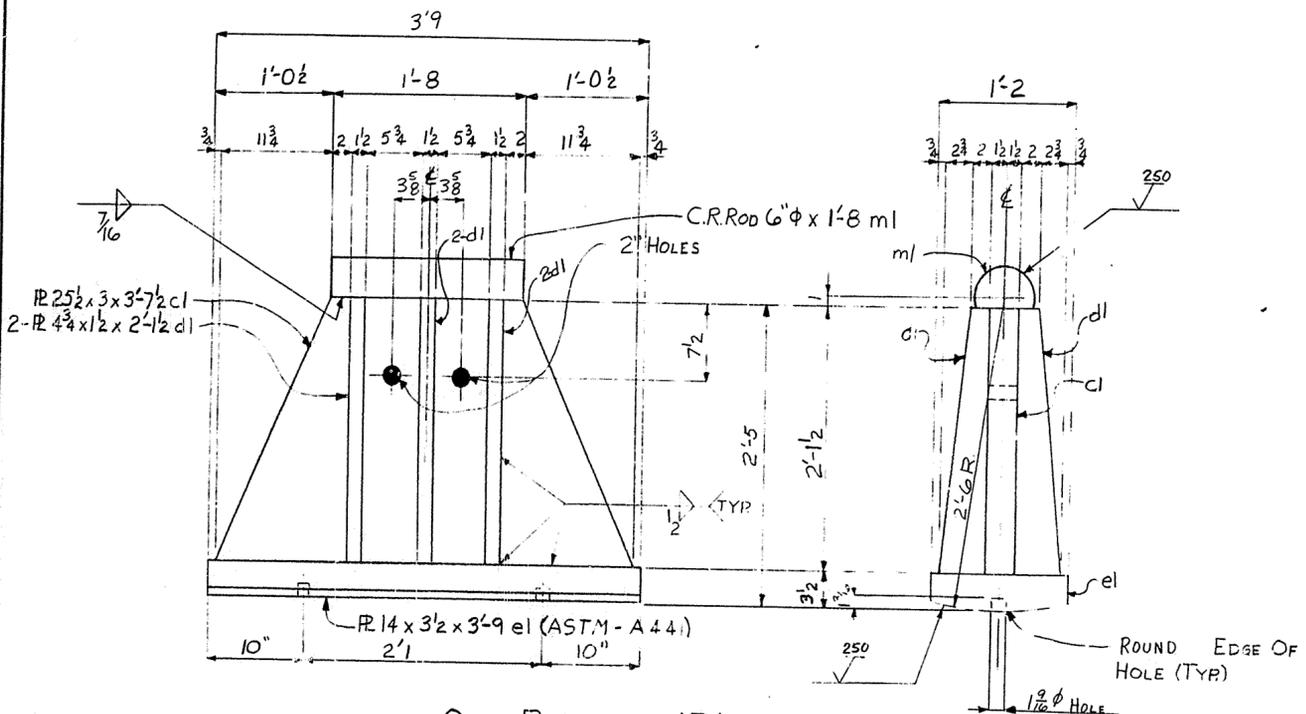
R 6" x 1/2 x 2'-2 MK IMP2
 R 7" x 1/2 x 2'-2 MK IMP3



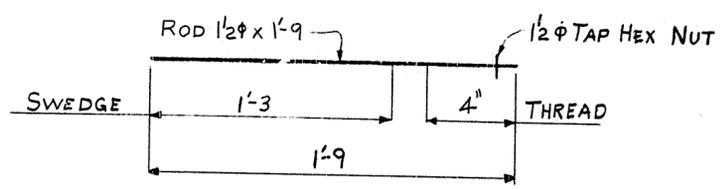
20-MASONRY PLATES - IMP2
40-MASONRY PLATES - IMP3



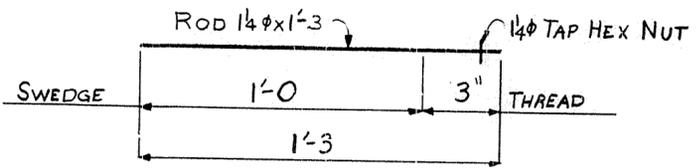
10-MASONRY PLATES - IMP4
10-MASONRY PLATES - IMP5



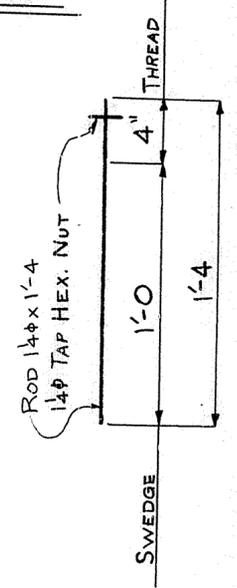
ONE - ROCKER - IRI



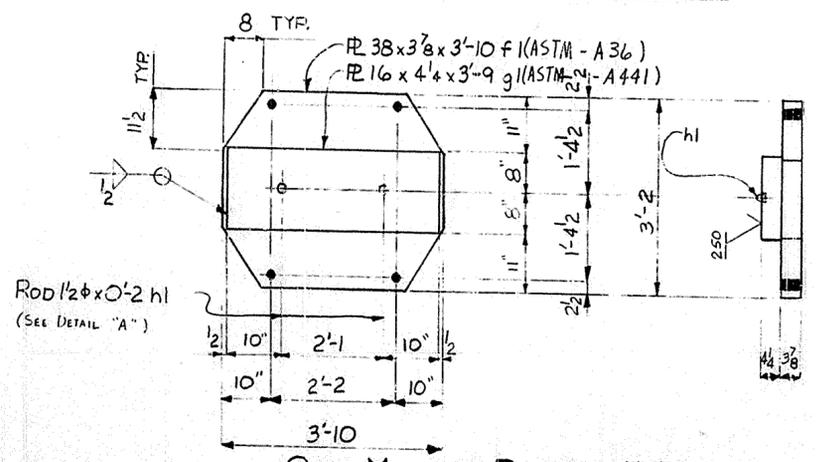
32-ANCHOR BOLTS - IAB1



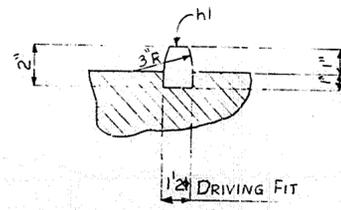
120-ANCHOR BOLTS IAB3



120-ANCHOR BOLTS - IAB2



ONE - MASONRY PLATE - IMPI

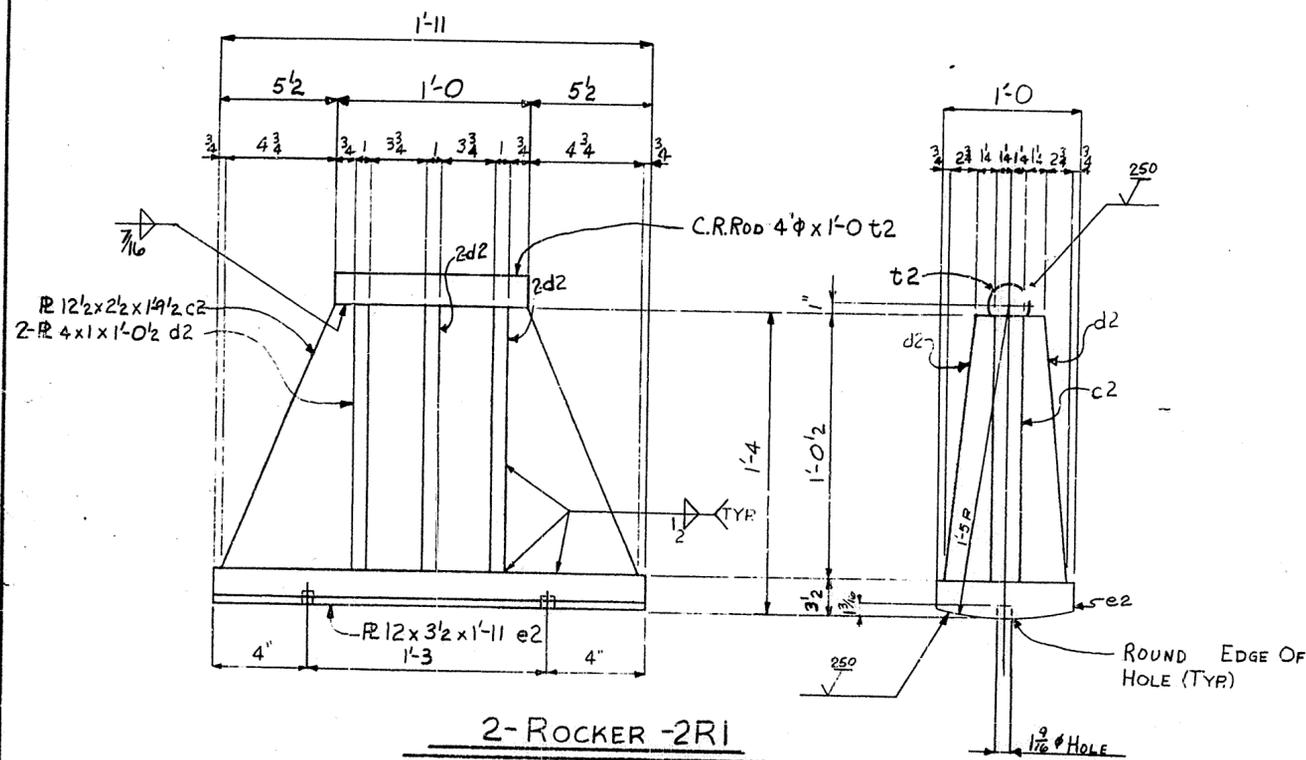


DETAIL "A"

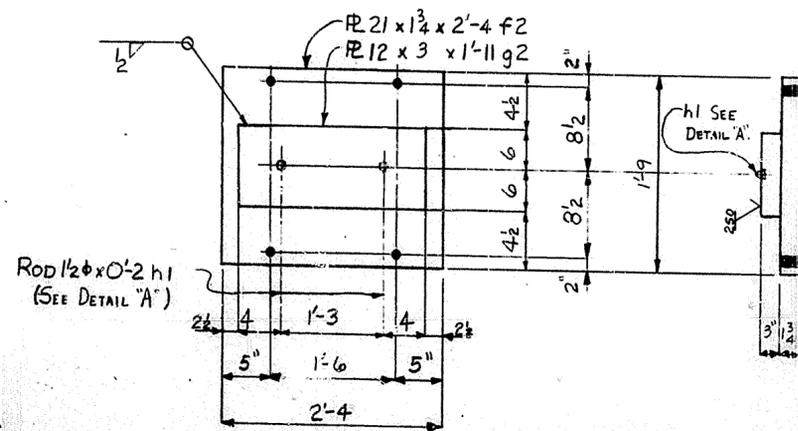
NOTE:
 ① ALL MATERIAL SHALL CONFORM TO ASTM-A36 SPECS. U.N.
 ② FINISHED SURFACES SHALL BE COATED WITH A HOT MIXTURE OF WHITE LEAD & TALLOW.

NOTE:
 FOR GENERAL NOTES SEE SHEET GN1

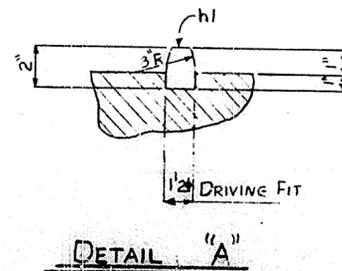
HOLES 2 φ U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications For A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 - PROJ. NO. 164-2(64)2		ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR	
DRAWN BY G.E.S. DATE 2-69		JOB NO. A 8001	
CHECKED BY P.W.H. DATE 6/69		SHEET	
PAINT SPEC. SEE GN1		OF	
REVISIONS	DATE	BY	



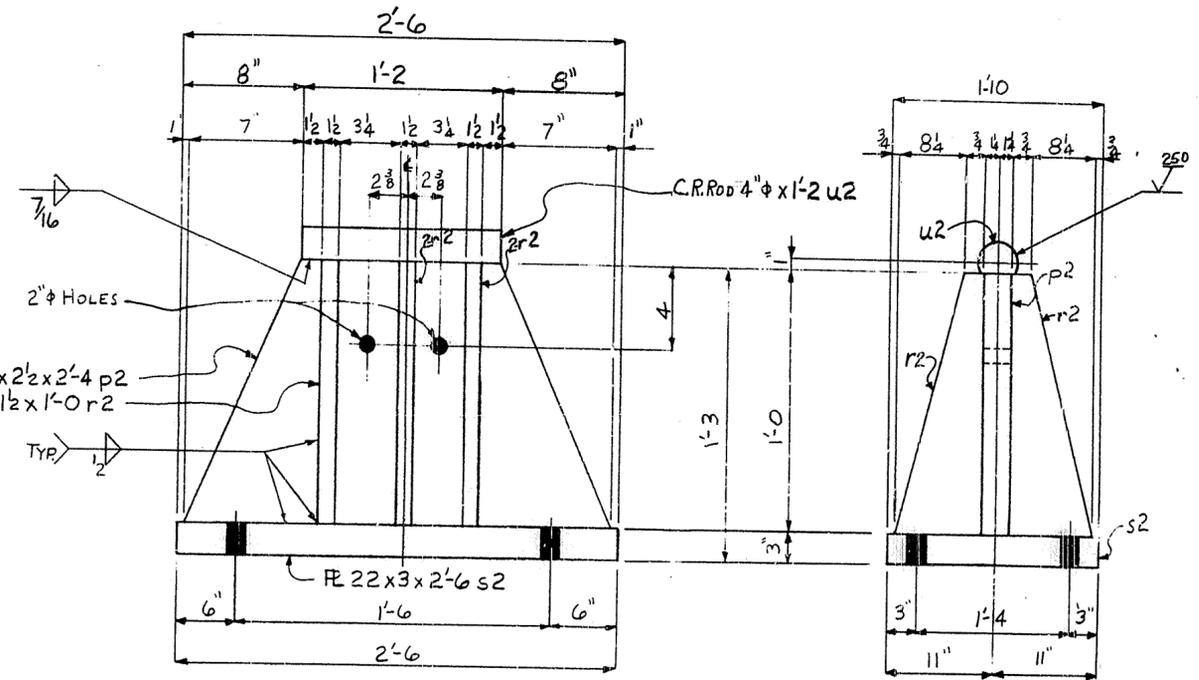
2-Rocker - 2R1



2-Masonry Plate - 2MPI



DETAIL "A"



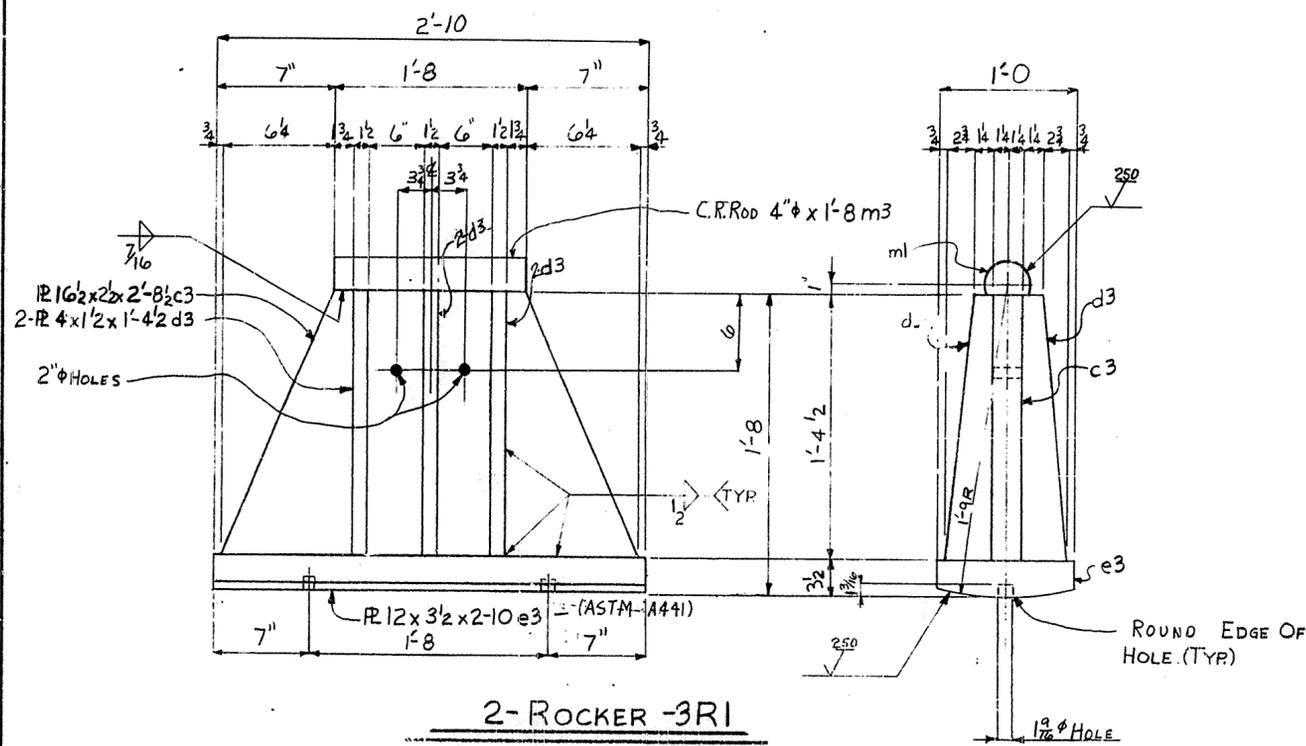
2-Fixed Shoe - 2FS1

NOTE:
FOR GENERAL NOTES SEE SHEET G/1

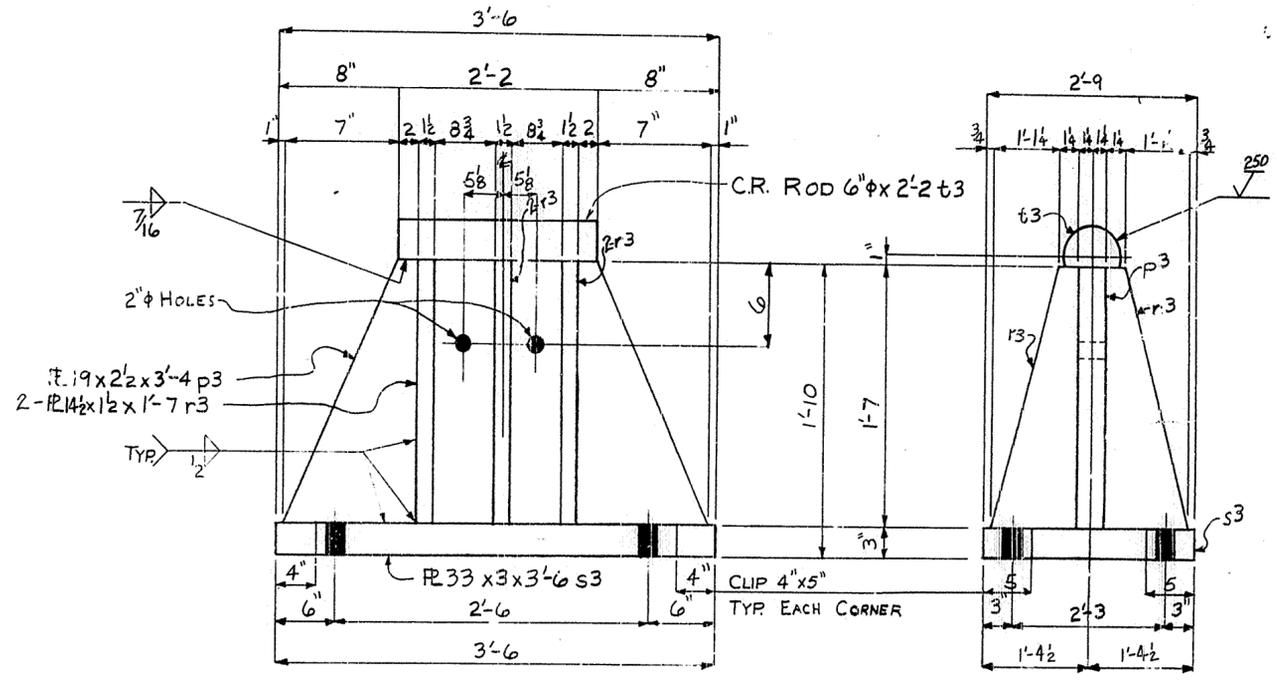
17

NOTE:
① ALL MATERIAL SHALL CONFORM TO ASTM-A36 SPECS.
② FINISHED SURFACES SHALL BE COATED WITH A HOT MIXTURE OF WHITE LEAD & TALLOW.

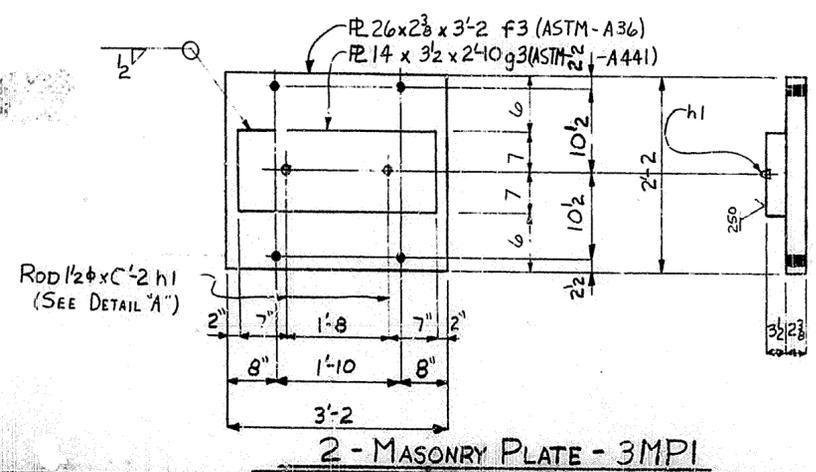
HOLES 2" U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 758 · PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE	JOB NO.	A 8001
CHECKED BY	DATE	2 SHEET	
PAINT SPEC. SEE G/1		OF	
REVISION	DATE	BY	



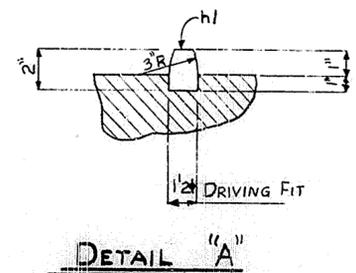
2-Rocker-3RI



1-Fixed Shoe - 3FSI



2-Masonry Plate - 3MPI



DETAIL "A"

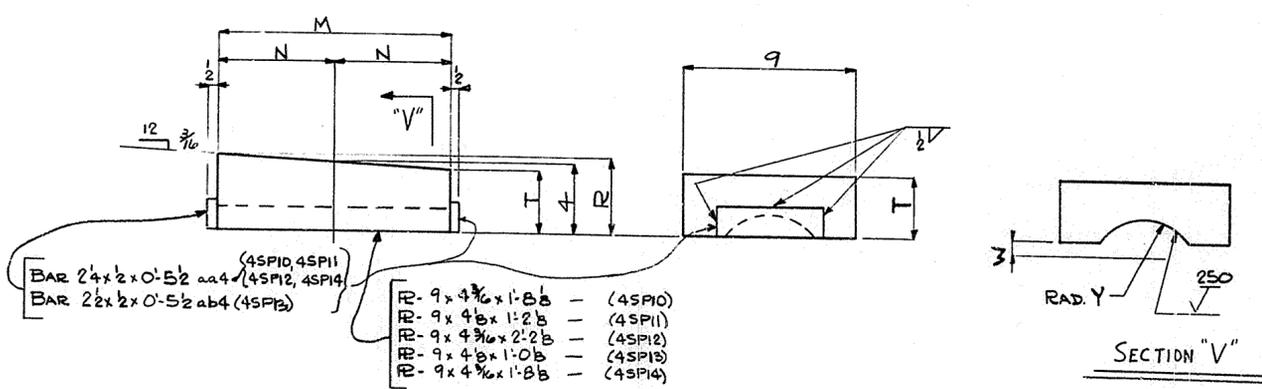
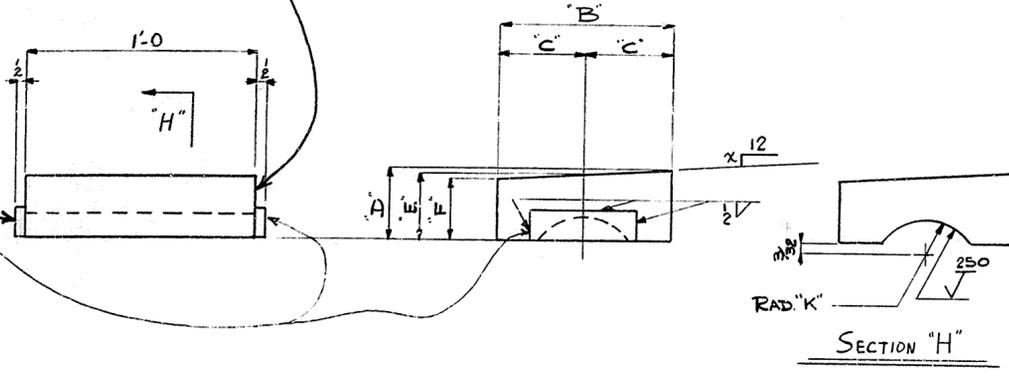
NOTE:
 ① ALL MATERIAL SHALL CONFORM TO ASTM-A36 SPECS. U.N.
 ② FINISHED SURFACES SHALL BE COATED WITH A HOT MIXTURE OF WHITE LEAD & TALLOW.

NOTE:
 FOR GENERAL NOTES SEE SHEET G/1

HOLES 2φ U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
<small>Steel to be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will be Accepted.</small>		JOB: 184 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 16 273 7581- PROJ. NO. 164-2(4)2	
ARCHITECT: KENTUCKY DEPT. OF HWYS.		CONTRACTOR:	
DRAWN BY: <i>[Signature]</i>		DATE: 6-69	JOB NO. A 8001
CHECKED BY: P.W.H.		DATE: 6-69	3 SHEET
PAL. SPEC. SEE G/1		OF	
REVISIONS	DATE	BY	

4SP1, 4SP4
4SP3, 4SP6
BAR-1 1/2 x 2 1/2 x 0-5 1/2 aa 4 (4SP5, 4SP8)
BAR-1 1/2 x 2 1/2 x 0-4 P 4 (4SP7, 4SP9)
BAR-2 3/8 x 2 1/2 x 0-4 1/2 P 4 (4SP1)

- 6 x 2 1/2 x 1-0 - (4SP1)
- 6 x 2 3/8 x 1-0 - (4SP2)
- 6 x 2 1/2 x 1-0 - (4SP3)
- 6 x 2 3/8 x 1-0 - (4SP4)
- 6 x 2 1/2 x 1-0 - (4SP5)
- 9 x 2 1/2 x 1-0 - (4SP6)
- 11 x 2 5/8 x 1-0 - (4SP7)
- 11 x 2 3/8 x 1-0 - (4SP8)
- 12 x 3 1/8 x 1-0 - (4SP9)



GIRDER SOLE R SCHEDULE									
No.	REQ'D	MARK	DIMENSIONS						
			B	C	D	E	F	K	X
10		4SP1	6	3	2 1/16	2	1 15/16	1 3/32	1/8
10		4SP2	6	3	2 3/16	2	1 13/16	1 3/32	3/8
10		4SP3	6	3	2 1/8	2	1 7/8	1 3/32	1/4
20		4SP4	6	3	2 3/16	2	1 13/16	1 3/32	3/8
10		4SP5	6	3	2 1/8	2	1 7/8	1 3/32	3/16
10		4SP6	9	4 1/2	2 1/8	2	1 7/8	1 3/32	3/8
20		4SP7	11	5 1/2	2 5/8	2 1/2	2 3/8	1 3/32	5/16
10		4SP8	11	5 1/2	2 3/16	2 1/2	2 1/16	1 1/32	1/8
20		4SP9	1-0	6	3 1/16	3 1/4	3 1/16	1 19/32	3/8

BAR 2 1/2 x 2 x 0-5 1/2 aa 4 (4SP10, 4SP11)
BAR 2 1/2 x 2 x 0-5 1/2 ab 4 (4SP12, 4SP14)

- R- 9 x 4 3/8 x 1-8 B - (4SP10)
- R- 9 x 4 B x 1-2 B - (4SP11)
- R- 9 x 4 3/8 x 2-2 B - (4SP12)
- R- 9 x 4 B x 1-0 B - (4SP13)
- R- 9 x 4 3/8 x 1-8 B - (4SP14)

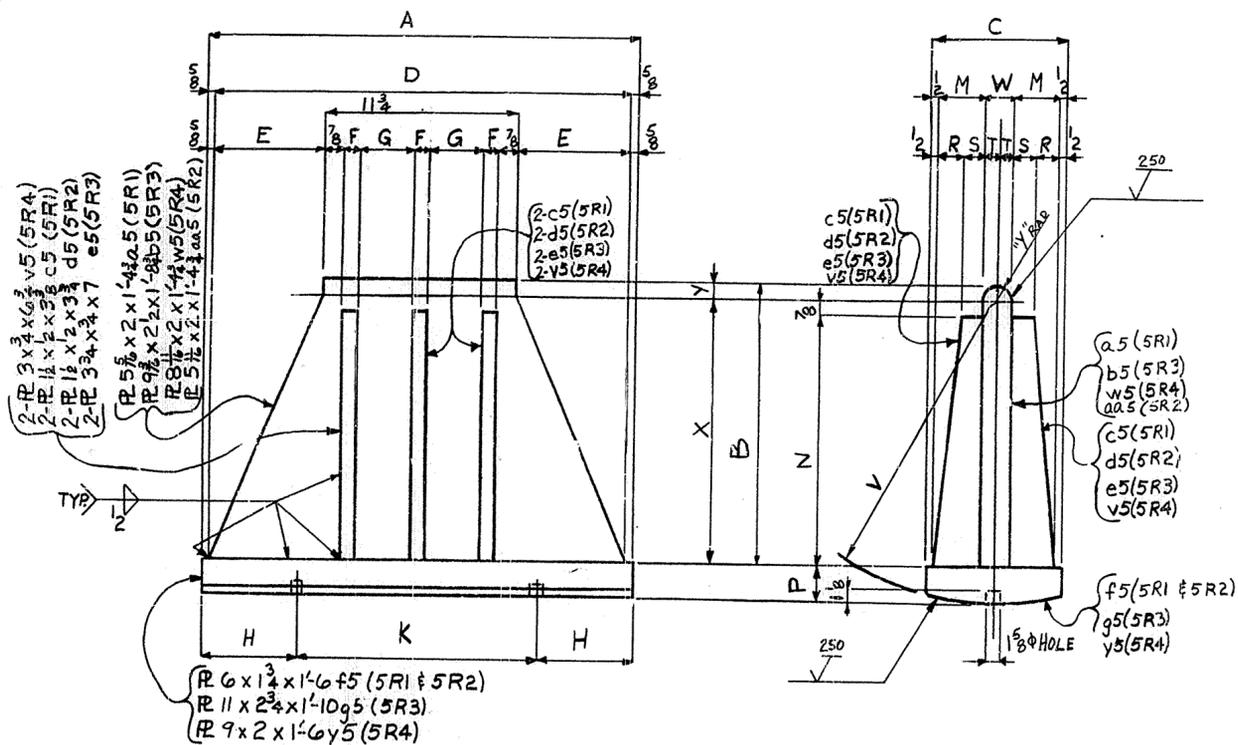
PIER GIRDER SOLE R SCHEDULE								
No.	REQ'D	MARK	DIMENSIONS					
			M	N	R	T	W	Y
1		4SP10	1-8 B	10 1/16	4 3/16	3 13/16	1	3 1/32
2		4SP11	1-2 B	7 1/16	4 B	3 7/8	1/2	2 1/32
1		4SP12	2-2 B	1-1 1/16	4 3/16	3 13/16	1/2	3 1/32
2		4SP13	1-0 B	6 1/16	4 B	3 7/8	1/2	2 1/32
2		4SP14	1-8 B	10 1/16	4 3/16	3 13/16	1/2	2 1/32

1400
650
1050
500
250

NOTE:
DO NOT SHIP FROM THIS SHEET.

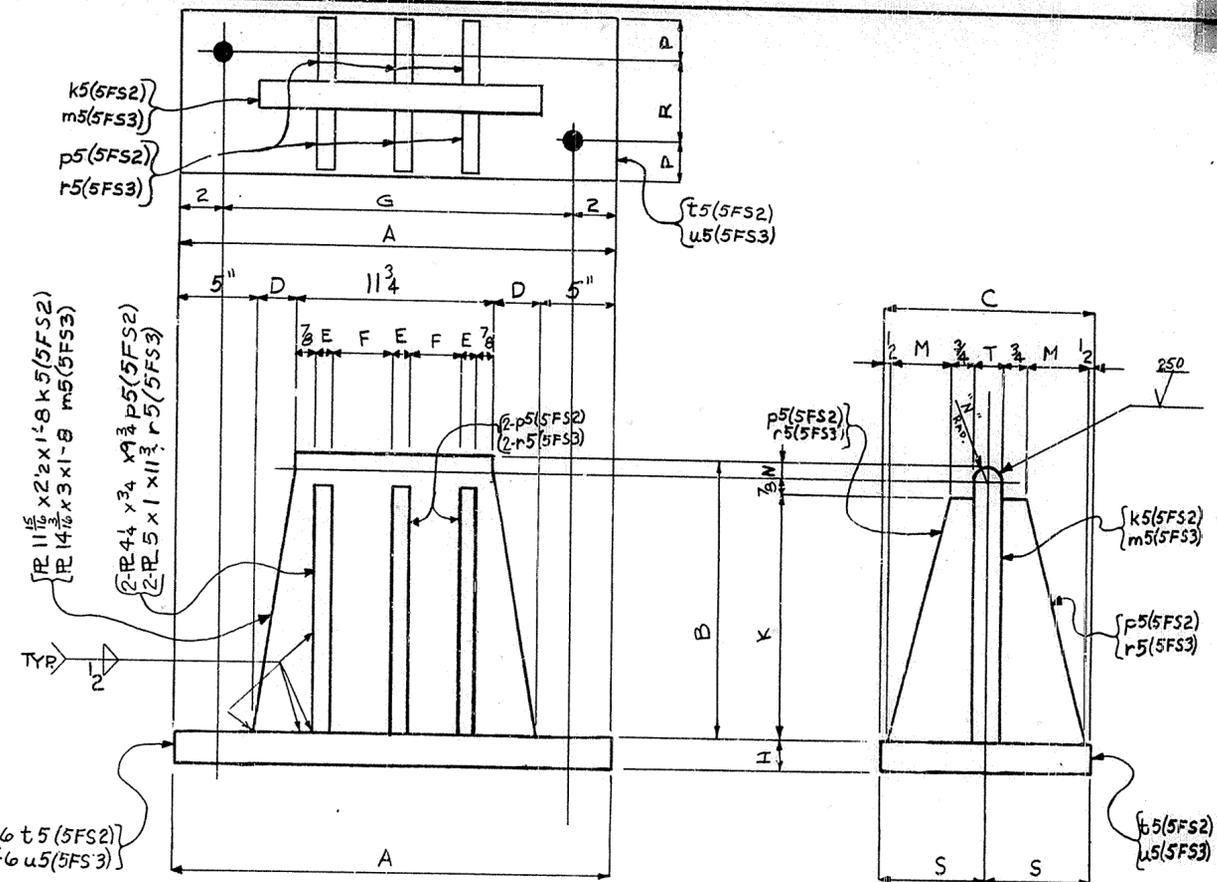
NOTE:
FOR GENERAL NOTES SEE SHEET GN/

HOLES NONE. U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Book Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7SP1- PROJ. NO. 164-2(4)1			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY <i>JB</i> DATE 4/62		JOB NO. A8001	
CHECKED BY <i>P.W.H.</i> DATE 6/62		SHEET	
PAINT SPEC.		4 OF	
REVISIONS	DATE	BY	



ROCKERS

No. REQ'D	SHIPPING MARK	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	V	W	X	Y
20	5R1	1'-6"	5 5/16"	6"	1'-4 3/4"	2 1/2"	1/2"	4 1/4"	3 1/2"	11"	1 1/2"	3 3/8"	1 3/4"	3/4"	3/4"	1"	6"	2"	4 1/4"	1 1/16"
40	5R2	1'-6"	5 1/16"	6"	1'-4 3/4"	2 1/2"	1/2"	4 1/4"	3 1/2"	11"	1 1/2"	3 3/4"	1 3/4"	3/4"	3/4"	1"	6 3/8"	2"	4 5/8"	1 1/16"
10	5R3	1'-10"	9 3/16"	11"	1'-8 3/4"	4 1/2"	3/4"	3 7/8"	4"	1'-2"	3 3/4"	7"	2 3/4"	3"	3/4"	1 1/4"	10 5/8"	2 1/2"	7 3/8"	1 5/16"
10	5R4	1'-6"	8 11/16"	9"	1'-4 3/4"	2 1/2"	3/4"	3 3/8"	3 1/2"	11"	3"	6 3/4"	2"	2 1/4"	3/4"	1"	9 5/8"	2"	7 5/8"	1 1/16"



FIXED SHOES

No. REQ'D	SHIPPING MARK	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T
20	5FS2	2'-6"	11 11/16"	1'-0"	4 1/8"	3/4"	3 3/8"	2'-2"	2 1/4"	9 3/4"	3 1/2"	1 1/16"	3 1/2"	5"	6"	2 1/2"
20	5FS3	2'-6"	1'-2 3/16"	1'-2"	4 1/8"	1"	3 1/2"	2'-2"	2 1/2"	11 3/4"	4 1/4"	1 1/16"	3 1/2"	7"	7"	3"

NOTE:
FOR GENERAL NOTES SEE SHEET G/N1

NOTE:
① ALL MATERIAL SHALL CONFORM TO ASTM-A36 SPECS.
② FINISHED SURFACES SHALL BE COATED WITH A HOT MIXTURE OF WHITE LEAD & TALLOW.

20

HOLES 1/8" U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Book Charges Will Be Accepted.

TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

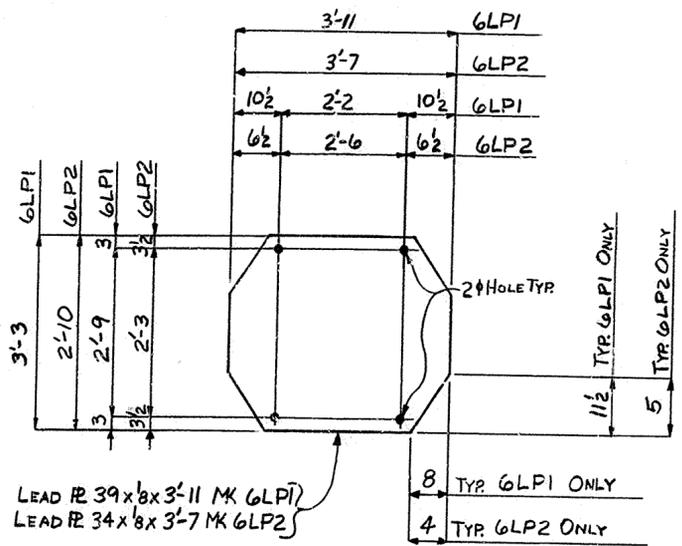
JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 58 273 7/31/61 - PROJ. NO. 164-2(64)

ARCHITECT: KENTUCKY DEPT. OF HWYS.
CONTRACTOR:

DRAWN BY: [Signature] DATE: 2-69
CHECKED BY: P.W.H. DATE: 6/69
PAINT SPEC: SEE G/N1

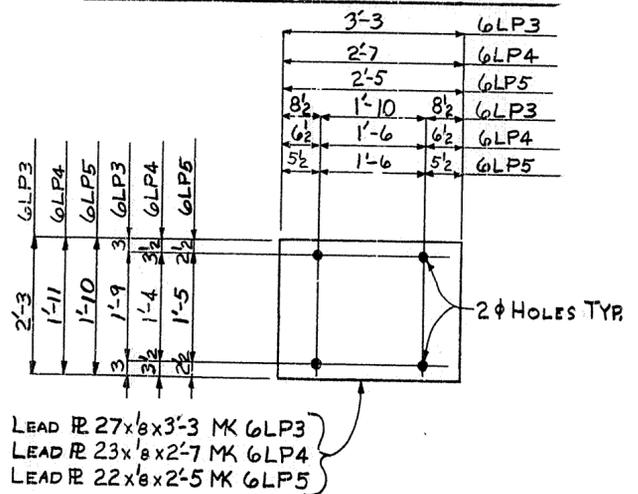
REVISIONS: [Table with columns for REVISIONS, DATE, BY]

JOB NO. A8001
5 SHEET OF



ONE-LEAD PLATE - G6LP1

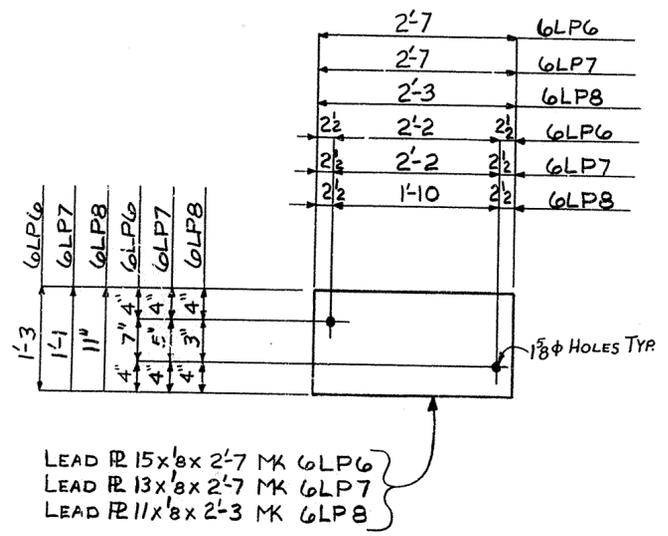
ONE-LEAD PLATE - G6LP2



2-LEAD PLATES - G6LP3

2-LEAD PLATES - G6LP4

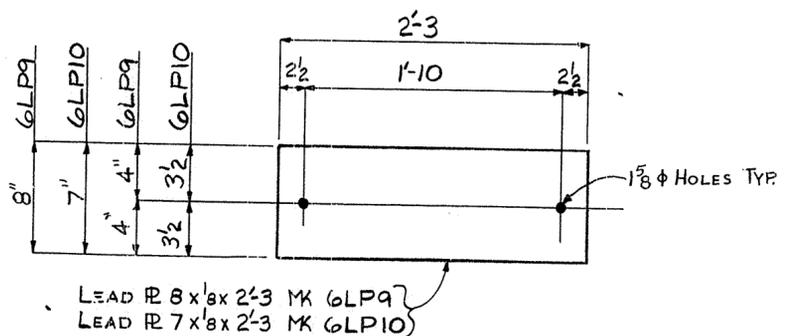
2-LEAD PLATES - G6LP5



20-LEAD PLATES - G6LP6

30-LEAD PLATES - G6LP7

10-LEAD PLATES - G6LP8



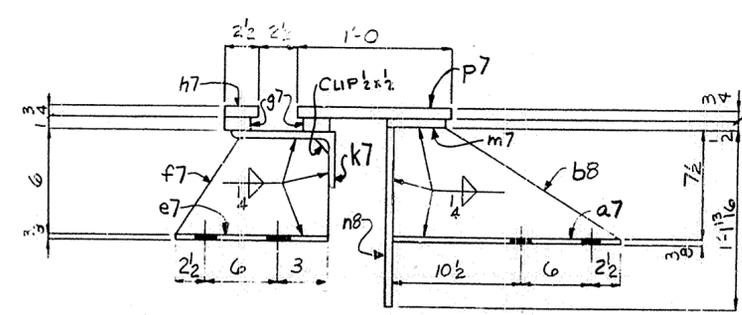
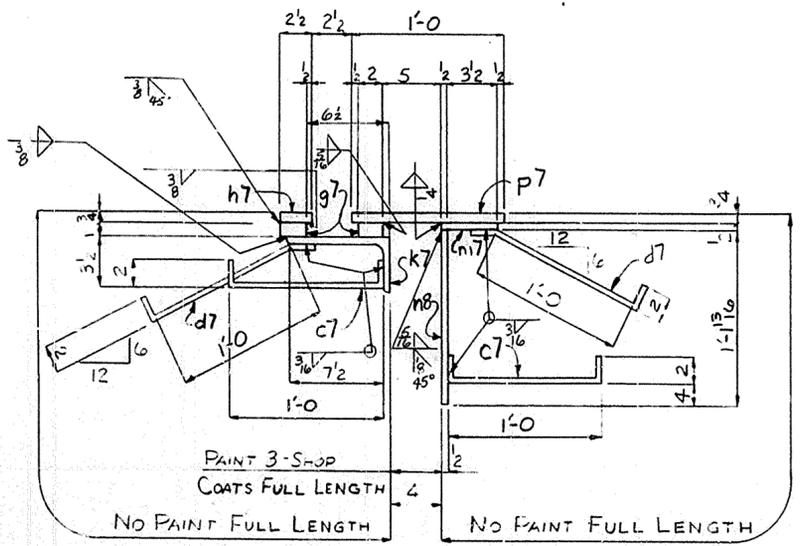
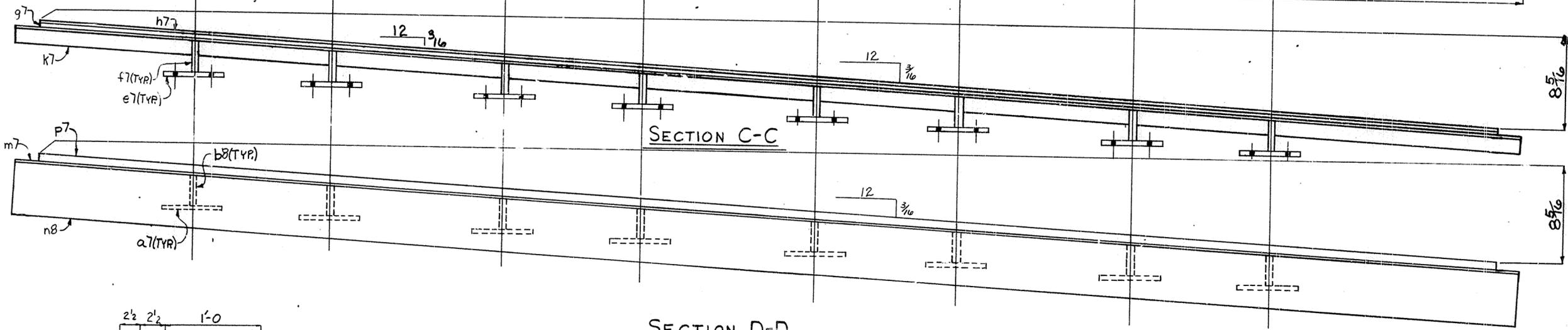
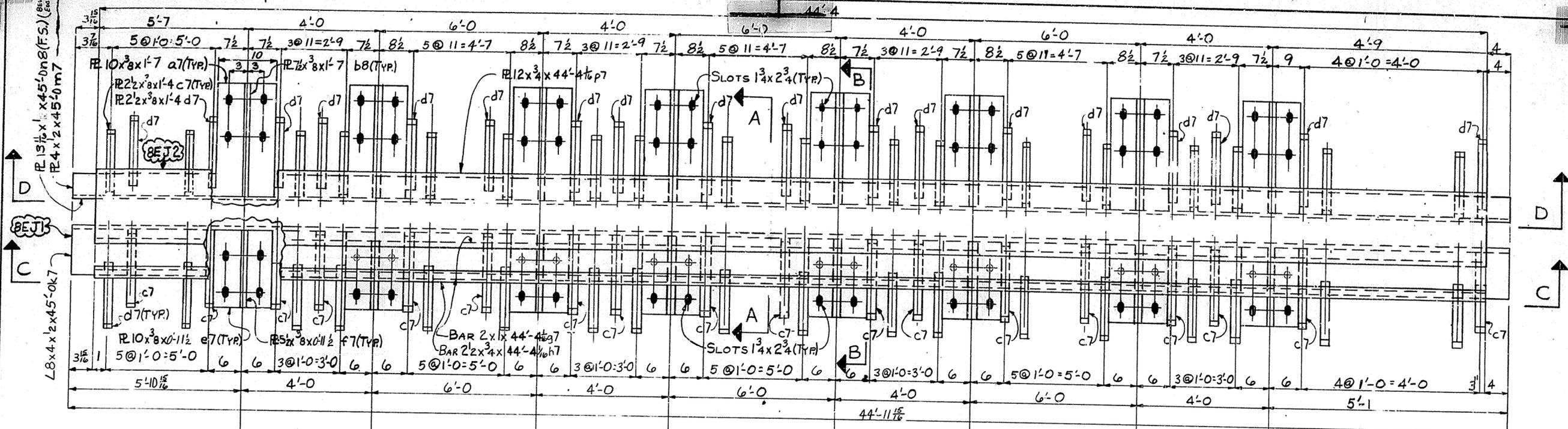
40-LEAD PLATES - G6LP9

20-LEAD PLATES - G6LP10

NOTE:
FOR GENERAL NOTES SEE SHEET G-11

21

HOLES AS NOTED U.N. <small>Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56-273-75-31- PROJ. NO. 164-2(64)			
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:			
DRAWN BY: GES CHECKED BY: P.M.H. PAINT SPEC: NONE	DATE: 2-69 DATE: 6/69	JOB NO. A8001	SHEET 6 OF
REVISIONS	DATE	BY	



SECTION D-D

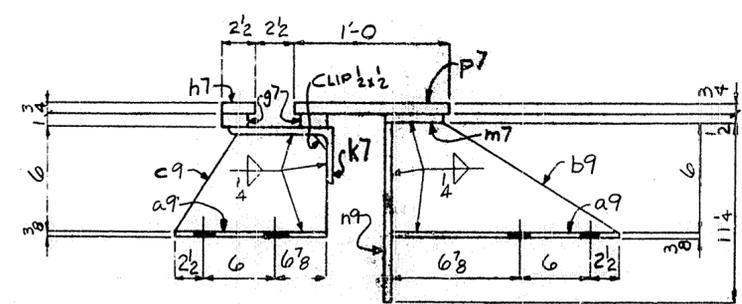
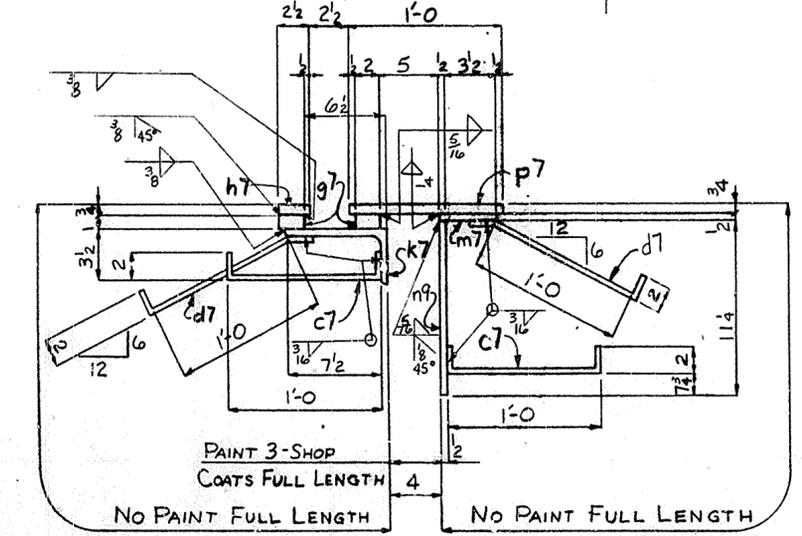
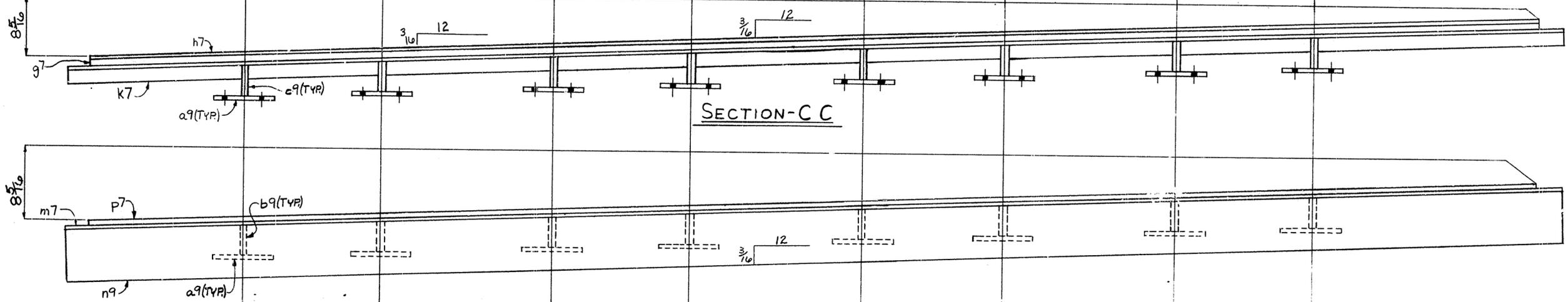
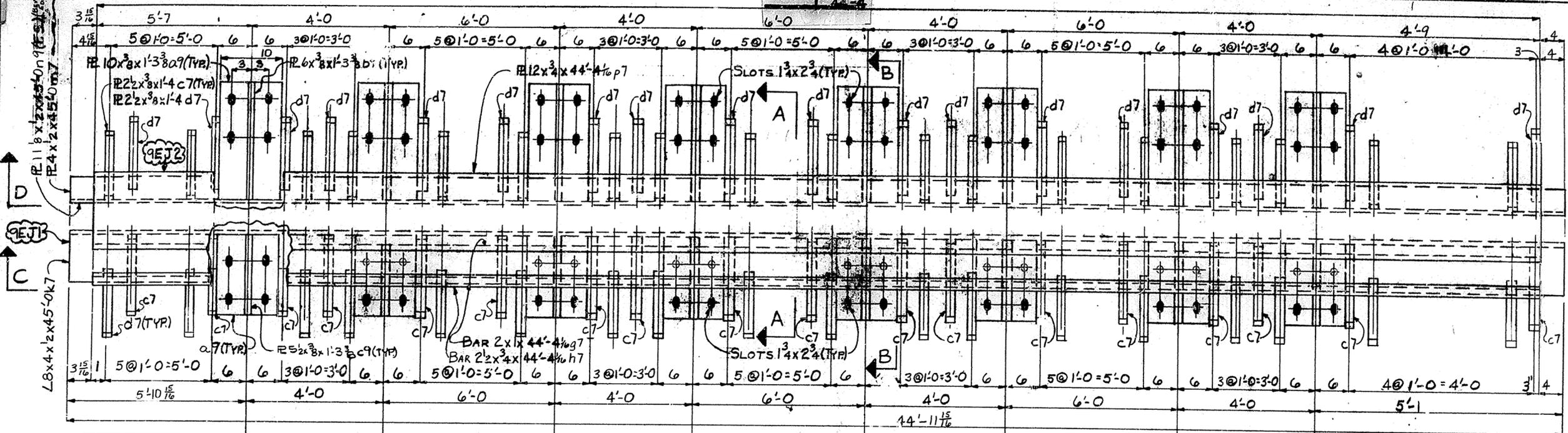
ONE-EXPANSION JOINT - 8EJ1
 ONE-EXPANSION JOINT - 8EJ2

SEE NOTES ON SHIT. 7

NOTE:
 FOR GENERAL NOTES SEE SHEET GNI

23

HOLES $1 \frac{1}{2} \times 2 \frac{3}{4}$ U.N. <small>Spec. to be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice, Unless Authorized No Back Charge, Will be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 758+ PROJ. NO. 164-2(64)2		
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:		DRAWN BY: <i>A.B.L.</i> DATE: 4-69 CHECKED BY: <i>P.W.H.</i> DATE: 6/69 PAINT SPEC. SEE GNI
REVISIONS: DATE BY:		
JOB NO. AB001 SHEET 8 OF		



SECTION-C C

SECTION-D D

SECTION B-B

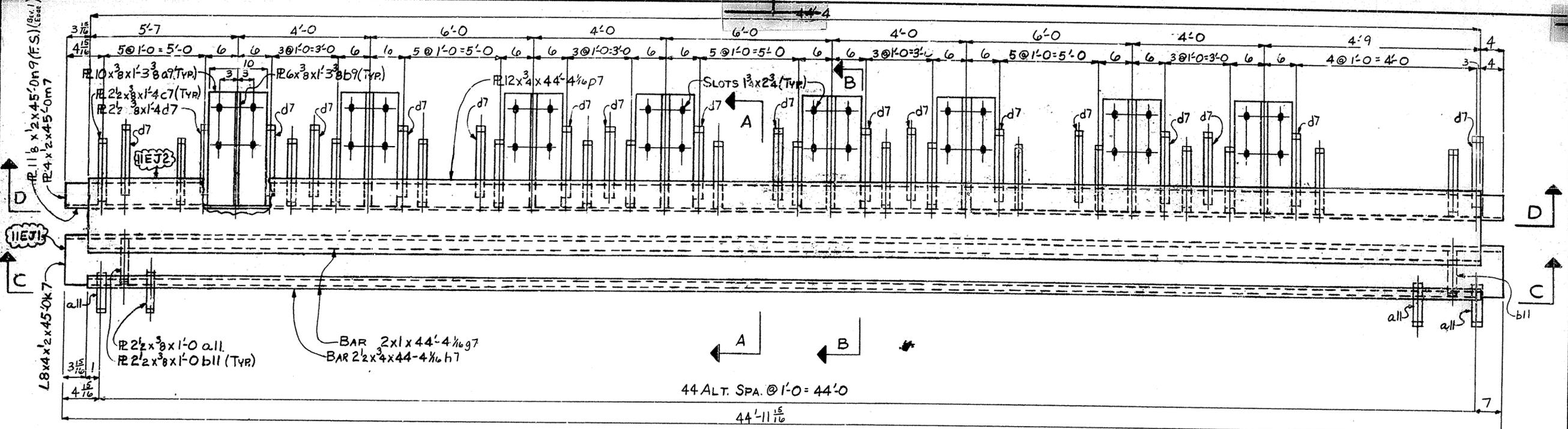
2 - EXPANSION JOINTS - 9EJ1
 2 - EXPANSION JOINTS - 9EJ2

SEE NOTES ON SHEET 7

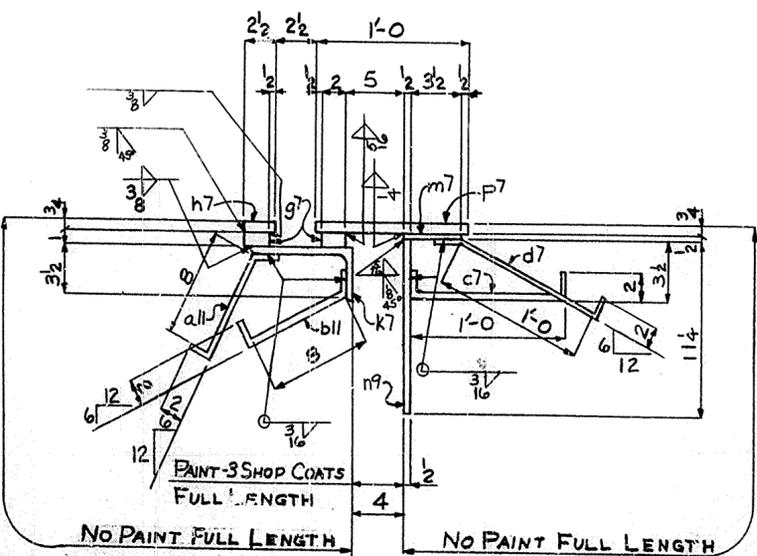
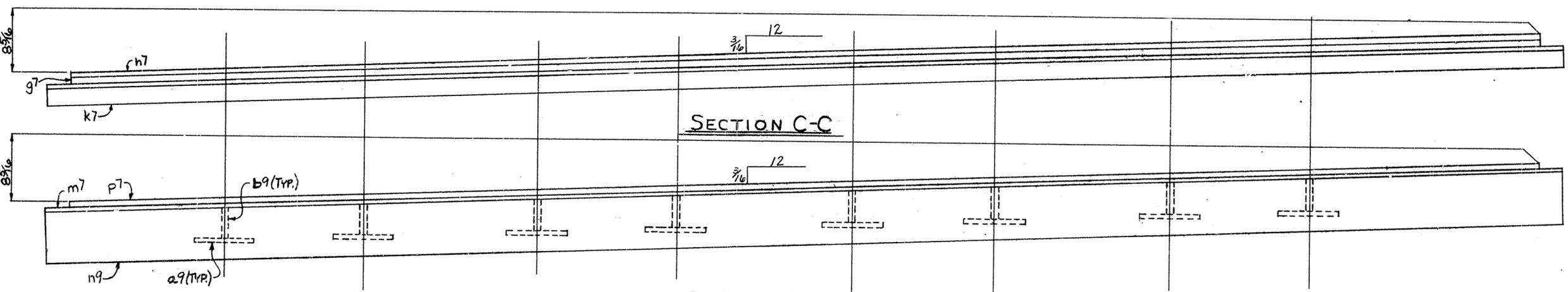
NOTE:
 FOR GENERAL NOTES SEE SHEET GNI

24

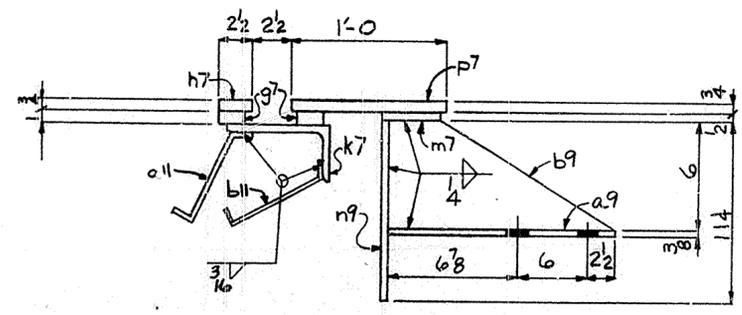
HOLES $1\frac{1}{2} \times 2\frac{3}{4}$ U.N. <small>Steel To Be Erected In Accordance With Drawings And Specifications For A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charge Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
JOB: 164 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 164-2(64)2		
ARCHITECT: KENTUCKY DEPT. OF HWYS.		
CONTRACTOR:		
DRAWN BY: <i>ABJ</i>	DATE: 4-69	JOB NO. A8001
CHECKED BY: <i>P.W.H.</i>	DATE: 6/69	SHEET
PAINT SPEC: SEE GNI		9 OF
REVISIONS	DATE BY	



44 ALT. SPA. @ 1'-0" = 44'-0"
44'-11 15/16



SECTION A-A



SECTION B-B

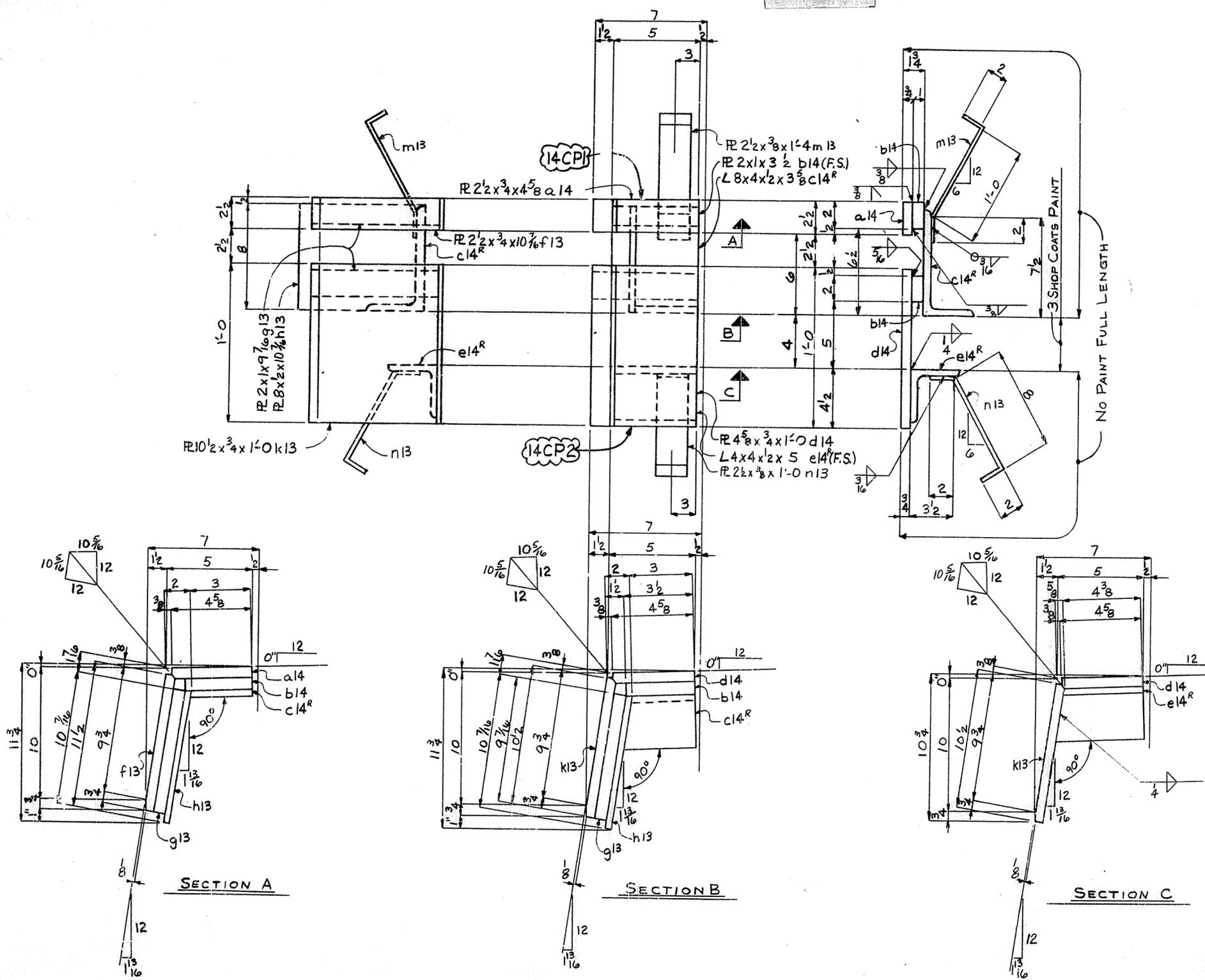
ONE-EXPANSION JOINT - IIEJ1
ONE-EXPANSION JOINT - IIEJ2

SEE NOTES ON SH. 7

NOTE:
FOR GENERAL NOTES SEE SHEET GNI

26

HOLES 1 1/2 x 2 1/2 U.N.		USI TUCKER STEEL	
Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 175 1561- PROJ. NO. 184-2(64)2		ARCHITECT KENTUCKY DEPT. OF HWYS.	
CONTRACTOR		DRAWN BY <i>A.P.L.</i> DATE 4-69	
CHECKED BY <i>P.W.H.</i> DATE 6-69		JOB NO. A8001	
PAINT SPEC. SEE GNI		SHEET 11 OF	
REVISIONS	DATE	BY	

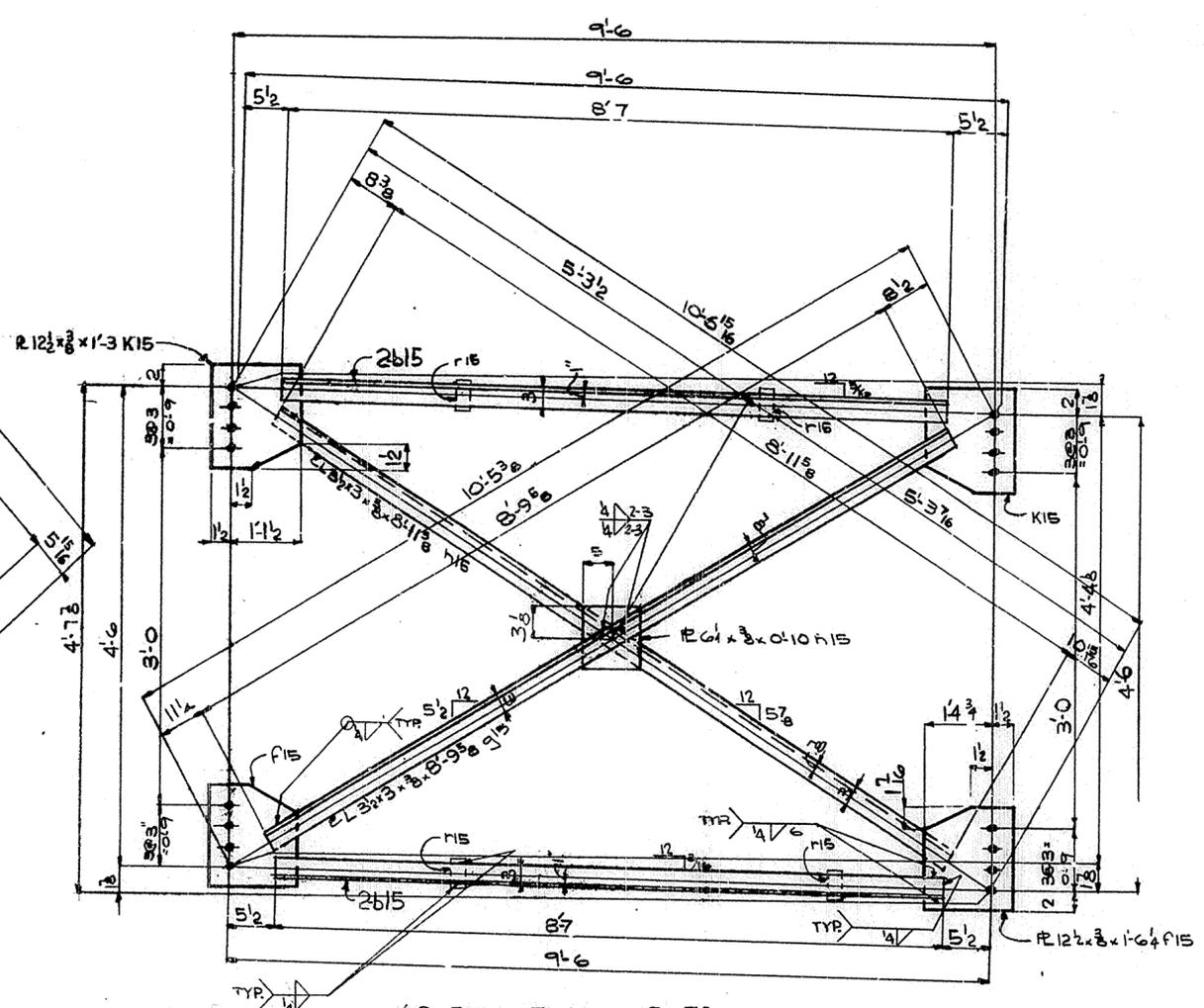
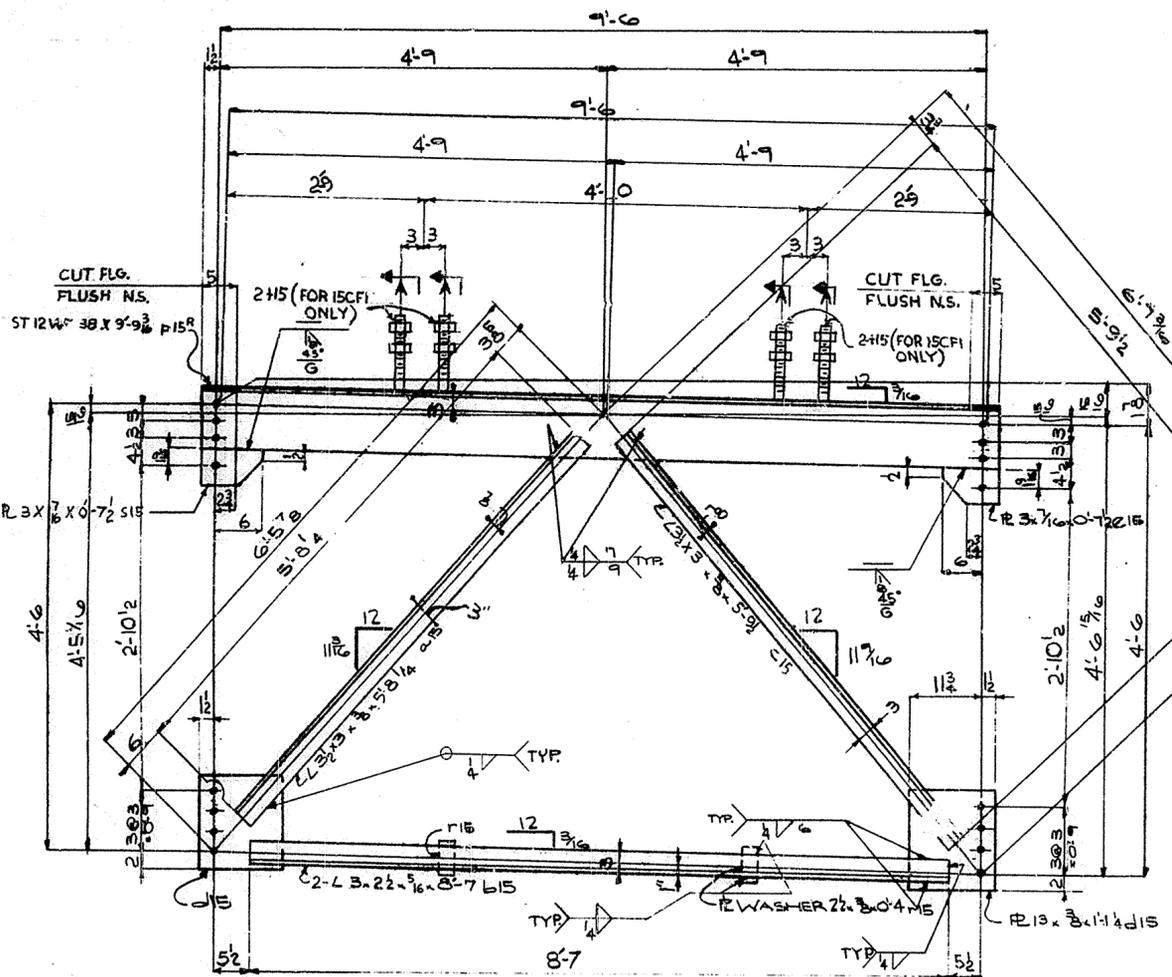


- 3-CURB PLATES - 14CP1^R
- ONE-CURB PLATE - 14CP1^L
- 3-CURB PLATES - 14CP2^R
- ONE-CURB PLATE - 14CP2^L

NOTE:
FOR GENERAL NOTES SEE SHEET G11

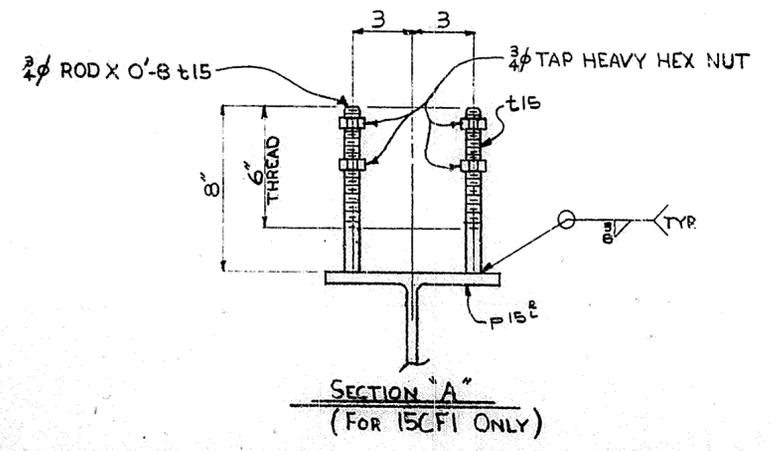
29

HOLES <u>None</u> U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications For A.I.S.C. Code Of Standard Practice, Unless Authorized. No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & I TRS AND 27TH STREET		CEDAR GROVE TERRACE TO 13TH STREET	
JEFFERSON COUNTY, KENTUCKY		SP 56 273 7581- PROJ. NO. 164-B(6)2	
ARCHITECT: KENTUCKY DEPT. OF HWYS.		CONTRACTOR:	
DRAWN BY: <u>H.E. J.</u>	DATE: <u>4-69</u>	JOB NO.:	<u>3001</u>
CHECKED BY: <u>P.W.H.</u>	DATE: <u>6/69</u>	SHEET	<u>14</u>
PAINT SPEC. SEE G11		OF	
REVISIONS	DATE	BY	



- 16 CROSS FRAMES - 15CF1R (AS SHOWN AND AS NOTED)
- 24 CROSS FRAMES - 15CF1L (OPP. HAND AND AS NOTED)
- 6 CROSS FRAMES - 15CF3 (AS SHOWN AND AS NOTED)

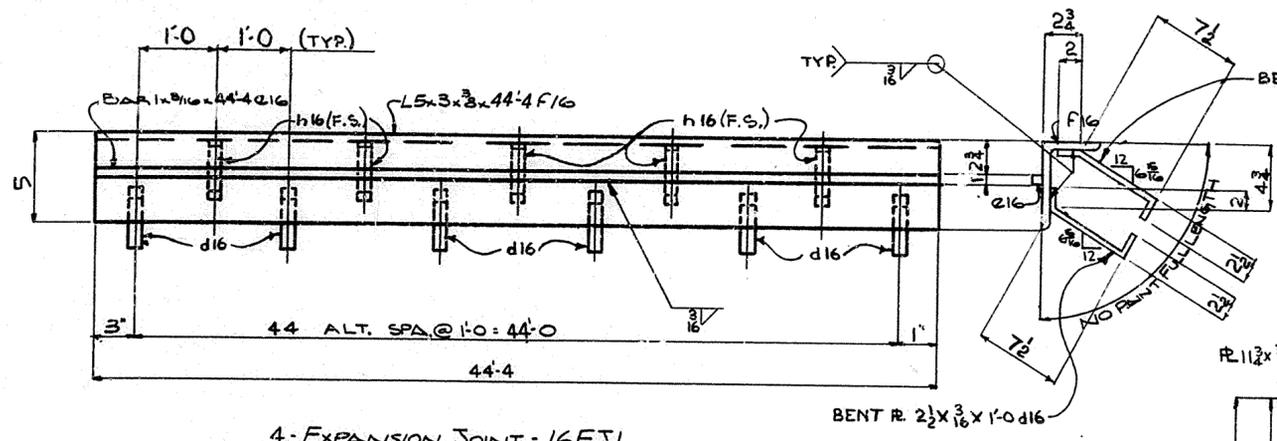
48 CROSS FRAME 15CF2



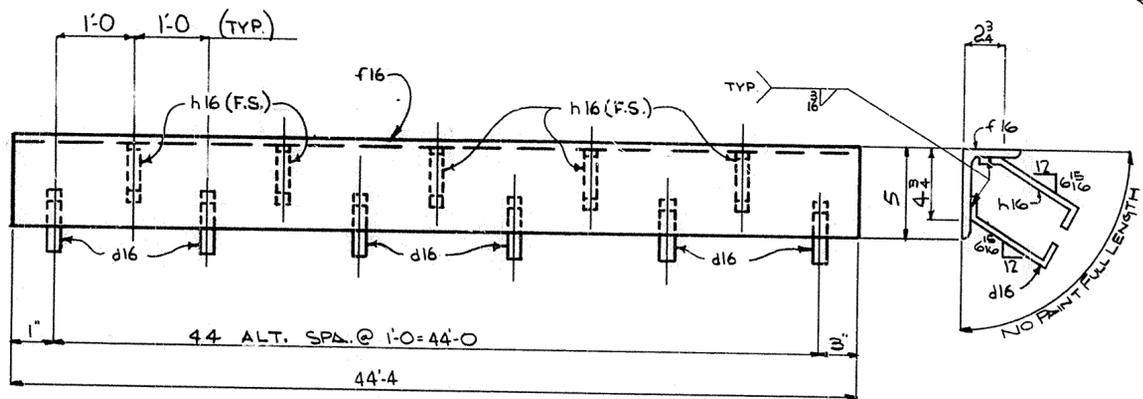
NOTE:
FOR GENERAL NOTES SEE SHEET GNI

30

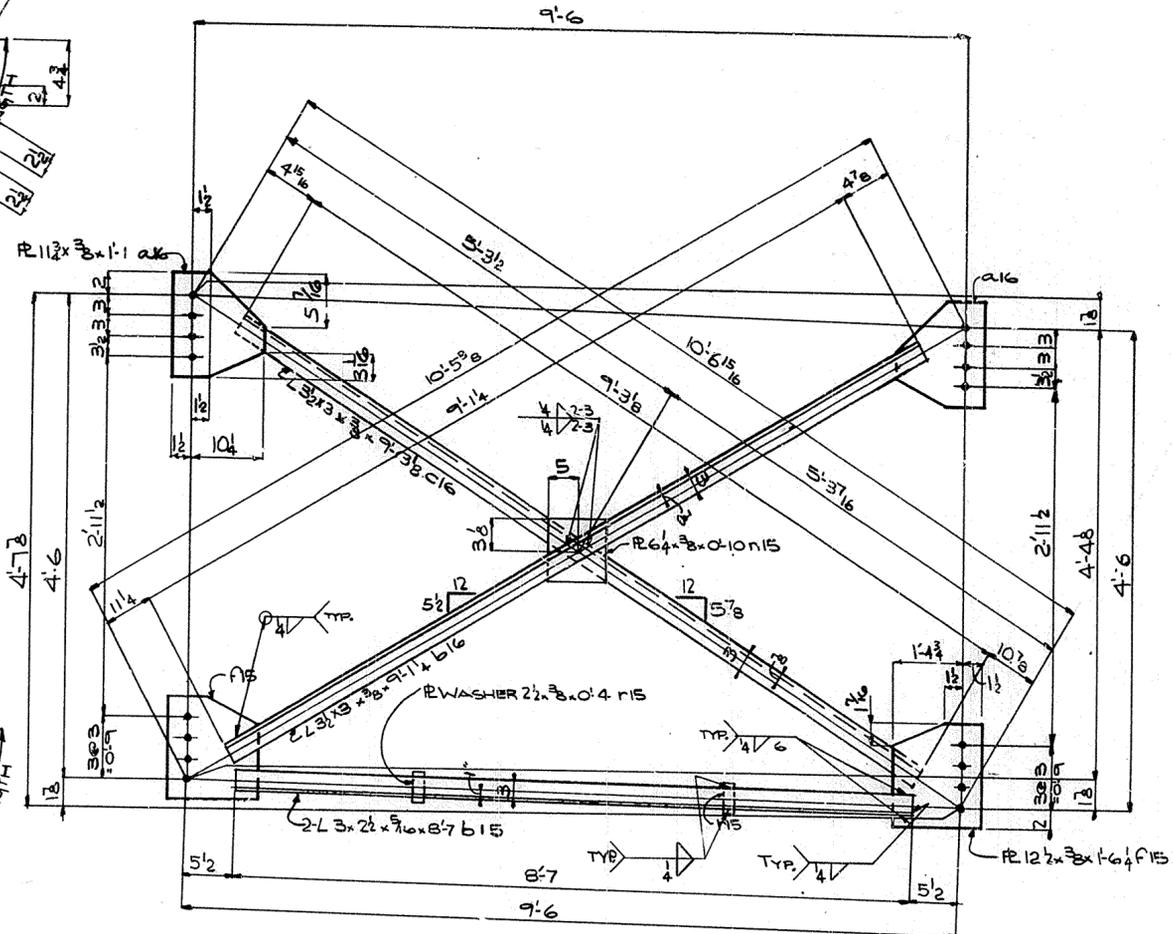
HOLES $\frac{15}{16}$ U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications For A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 - PROJ. NO. 164-2(64)2			
ARCHITECT		KENTUCKY DEPT. OF HWYS.	
CONTRACTOR		TUCKER STEEL	
DRAWN BY	DPC	DATE	4-69
CHECKED BY	[Signature]	DATE	6/69
PAINT SPEC.		SEE GNI.	
REVISIONS		DATE	BY
		JOB NO. A8001	
		SHEET 15 OF	



4-EXPANSION JOINT-16EJ1



4-EXPANSION JOINT-16EJ2

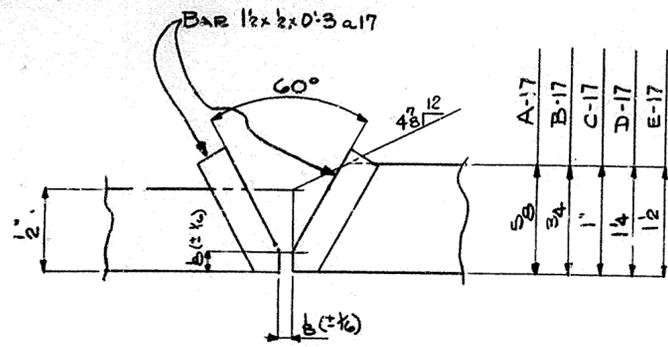


296 CROSS FRAMES 16CF1

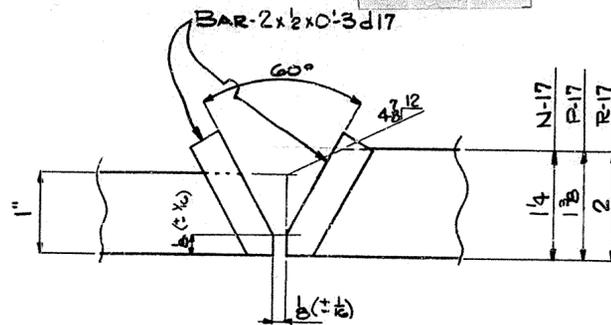
NOTE:
FOR GENERAL NOTES SEE SHEET GNI 31

HOLES 15/16 U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
 		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7561- PROJ. NO. 104-2(4)2	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY DPC	DATE 4/69	JOB NO. A8001	
CHECKED BY [Signature]	DATE 6/69	SHEET 16 OF	
PAINT SPEC. SEE GNI			
REVISIONS	DATE BY		

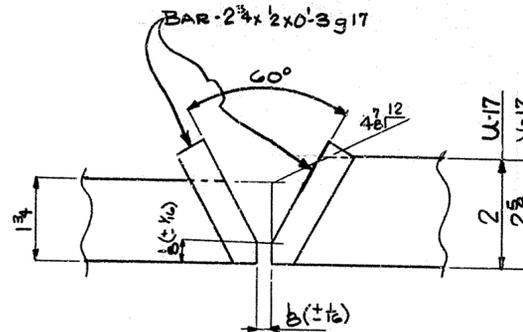
25'-6 1/8



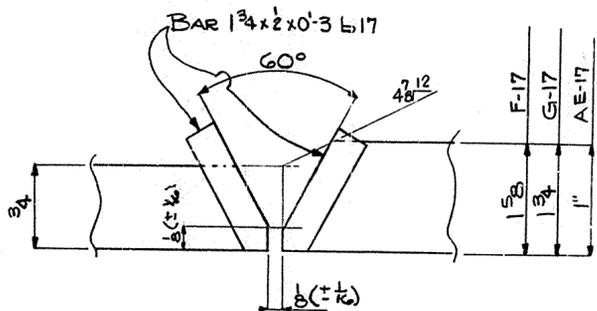
DETAIL "A-17"
 DETAIL "B-17"
 DETAIL "C-17"
 DETAIL "D-17"
 DETAIL "E-17"



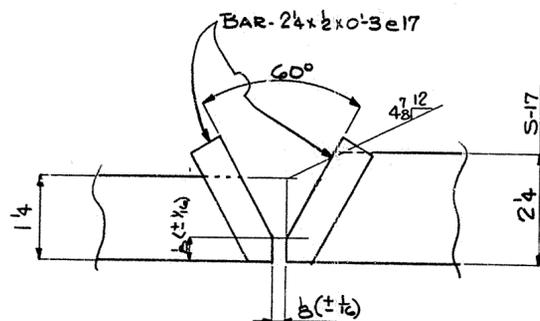
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 DETAIL "P-17"
 DETAIL "R-17"



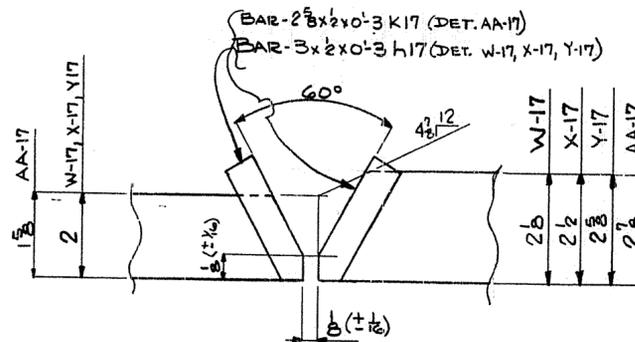
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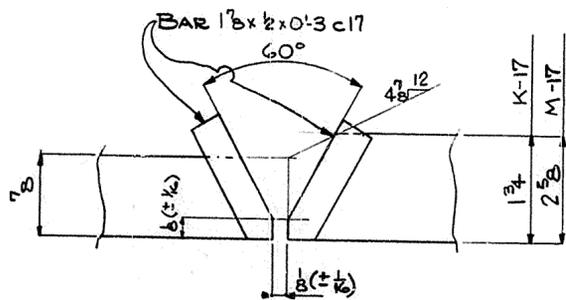
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 DETAIL "G-17"
 DETAIL "AE-17"



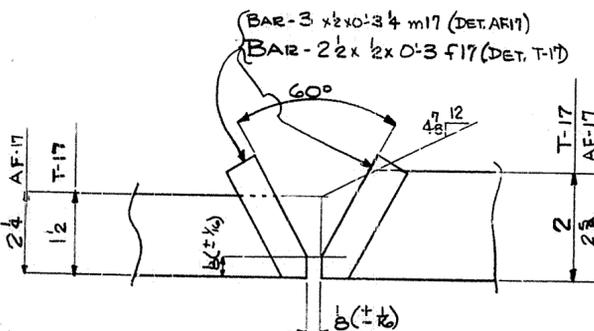
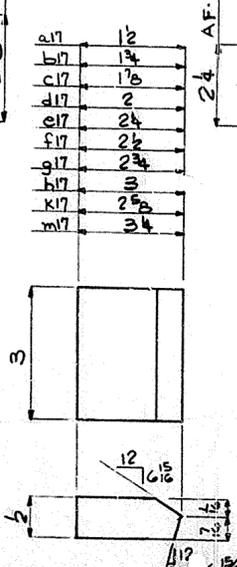
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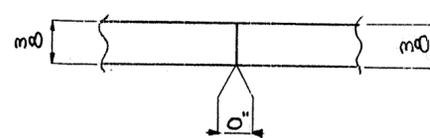
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 DETAIL "Y-17"
 DETAIL "AA-17"



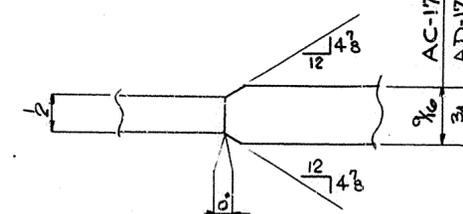
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 DETAIL "M-17"



DETAIL "T-17"
 DETAIL "AF-17"

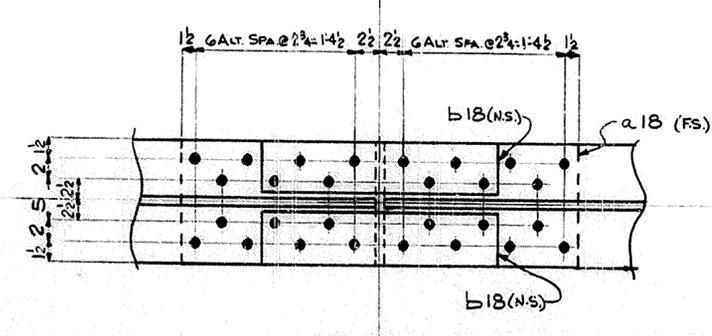
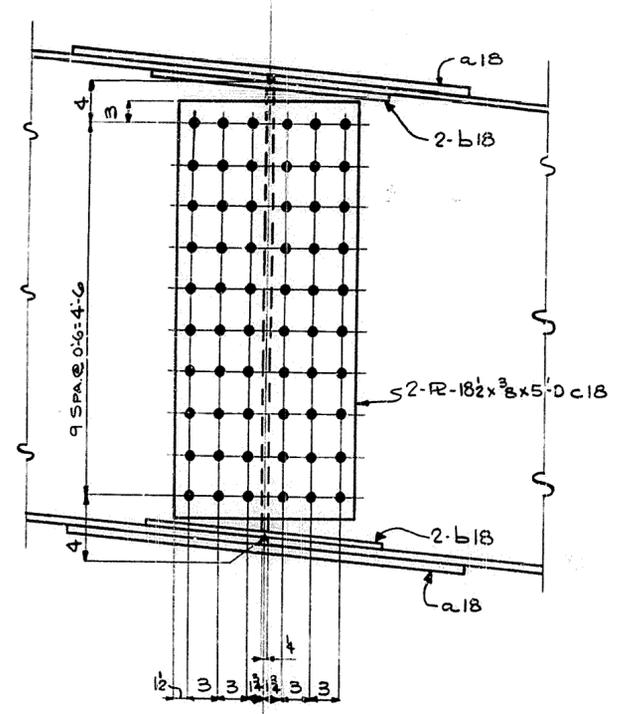
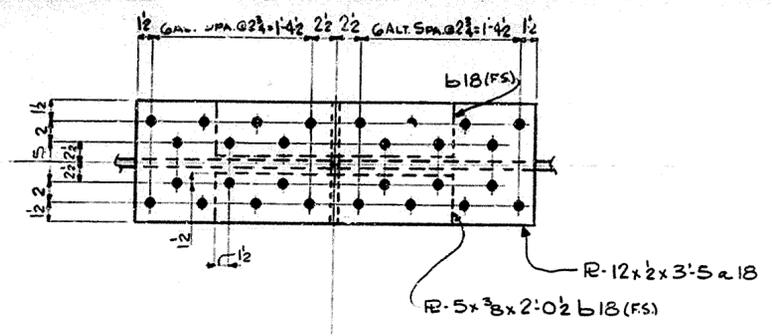


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 (B-LI-S)

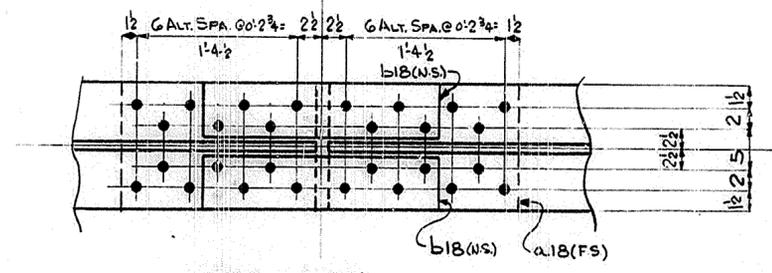
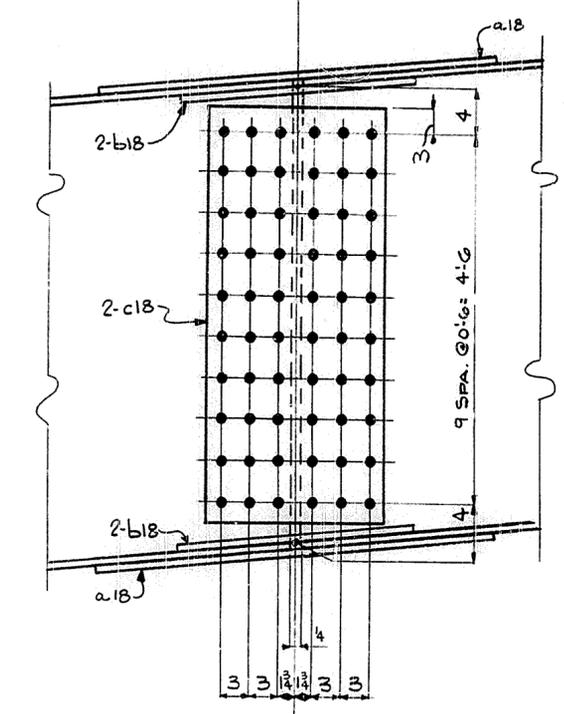
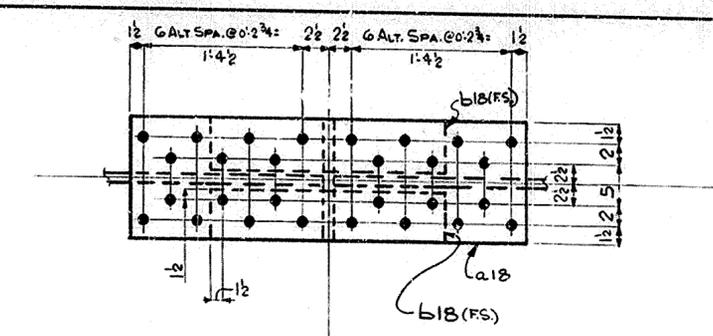


DETAIL "AC-17"
 DETAIL "AD-17"
 (B-LI-S)

HOLES NONE U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 164-2(64)2	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY <i>JS</i>		DATE 4/69 JOB NO. A-8001	
CHECKED BY		DATE	
PAINT SPEC.		SHEET	
REVISIONS		DATE BY	
		17 OF	



DETAIL "A18"



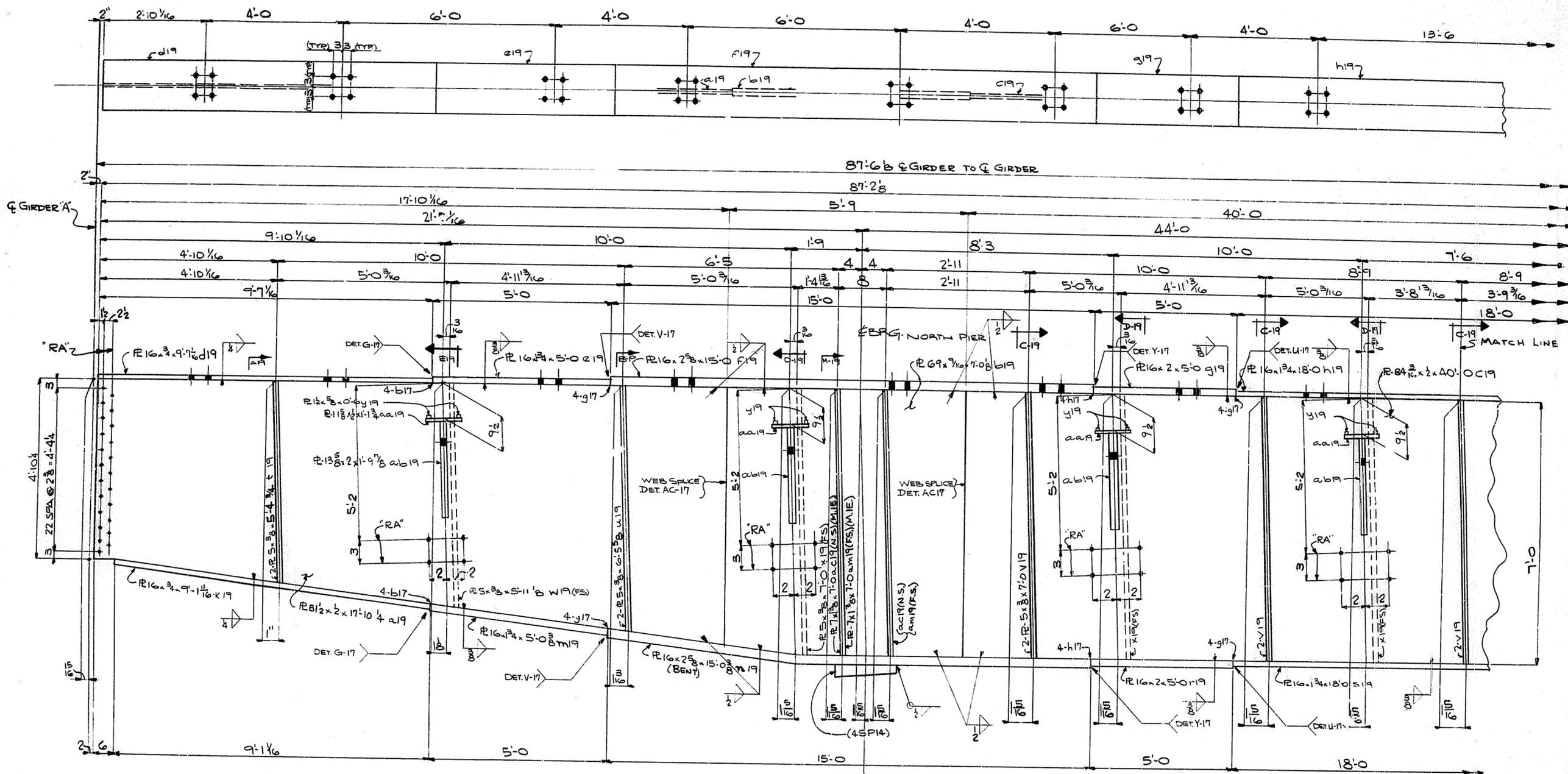
DETAIL "B-18"

NOTES
ALL HOLES THIS SHEET "R.A."

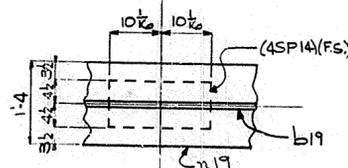
NOTE:
FOR GENERAL NOTES SEE SHEET GN.1.

33

HOLES $\frac{15}{16}$ U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
 		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 - PROJ. NO. 164-2(4)2	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY <i>QJB</i> DATE <i>5/69</i>		JOB NO. <i>A8001</i>	
CHECKED BY <i>J.C.H.</i> DATE <i>6/61</i>		SHEET	
PAINT SPEC.		18 OF	
REVISIONS	DATE BY		

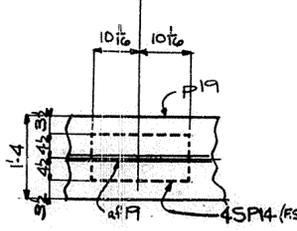
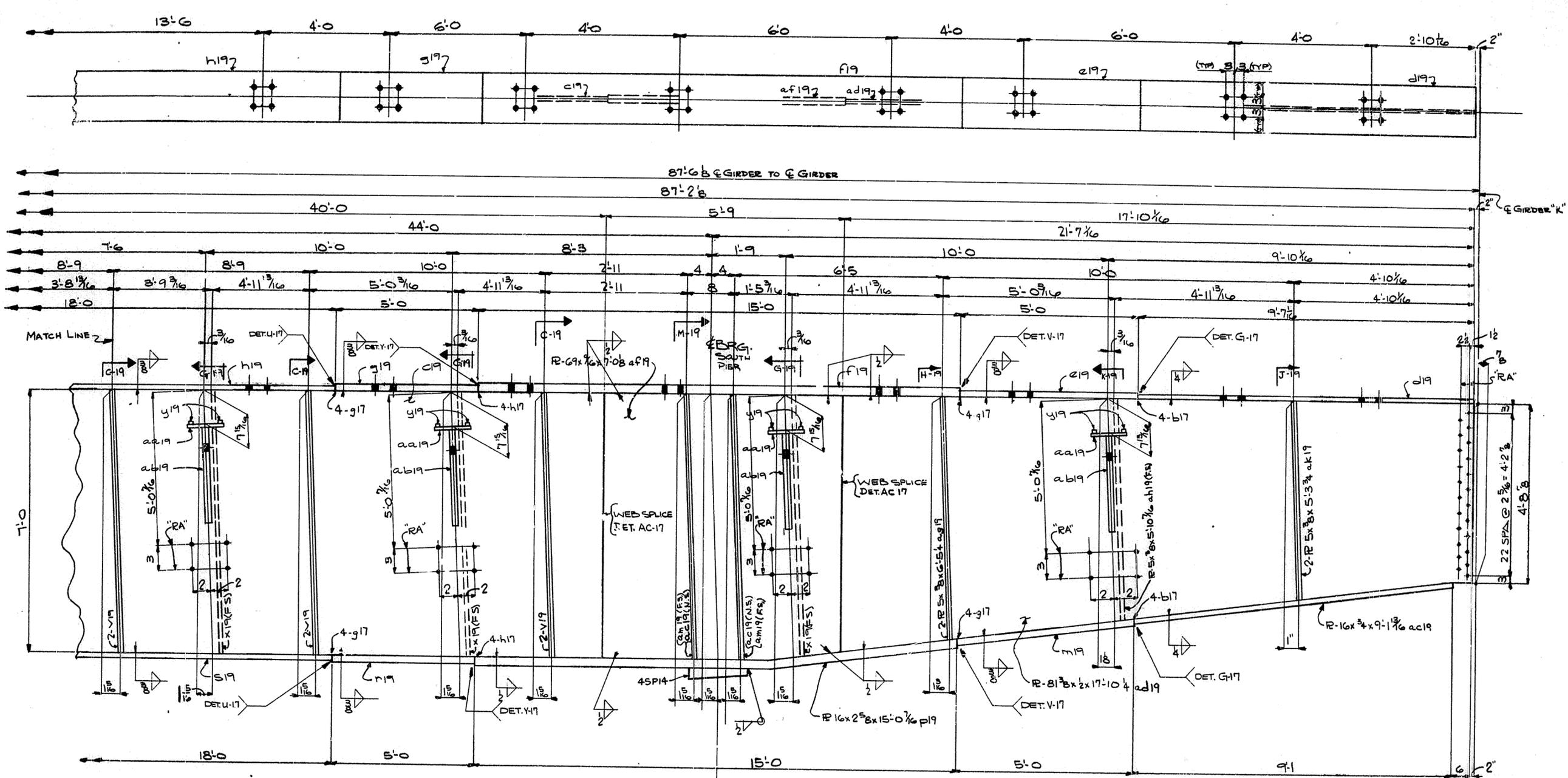


ONE GIRDER MK 19G1
(LIFTING WEIGHT 17 TONS)



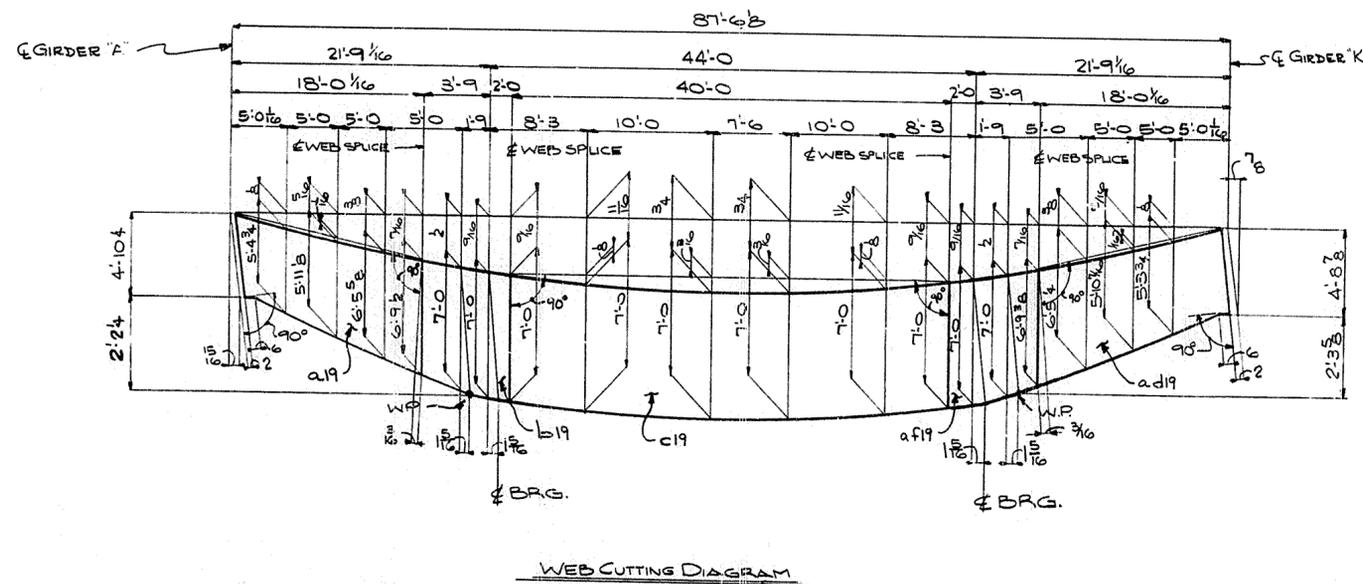
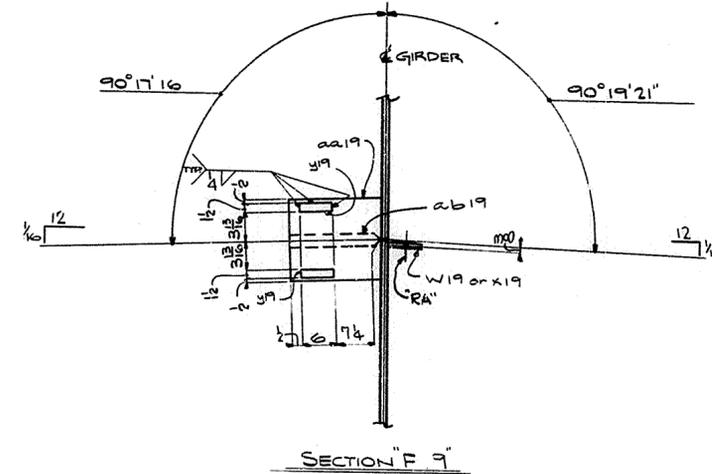
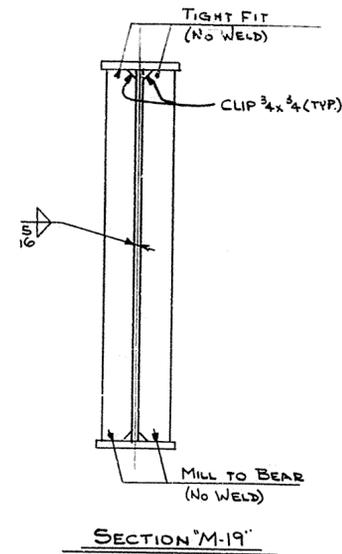
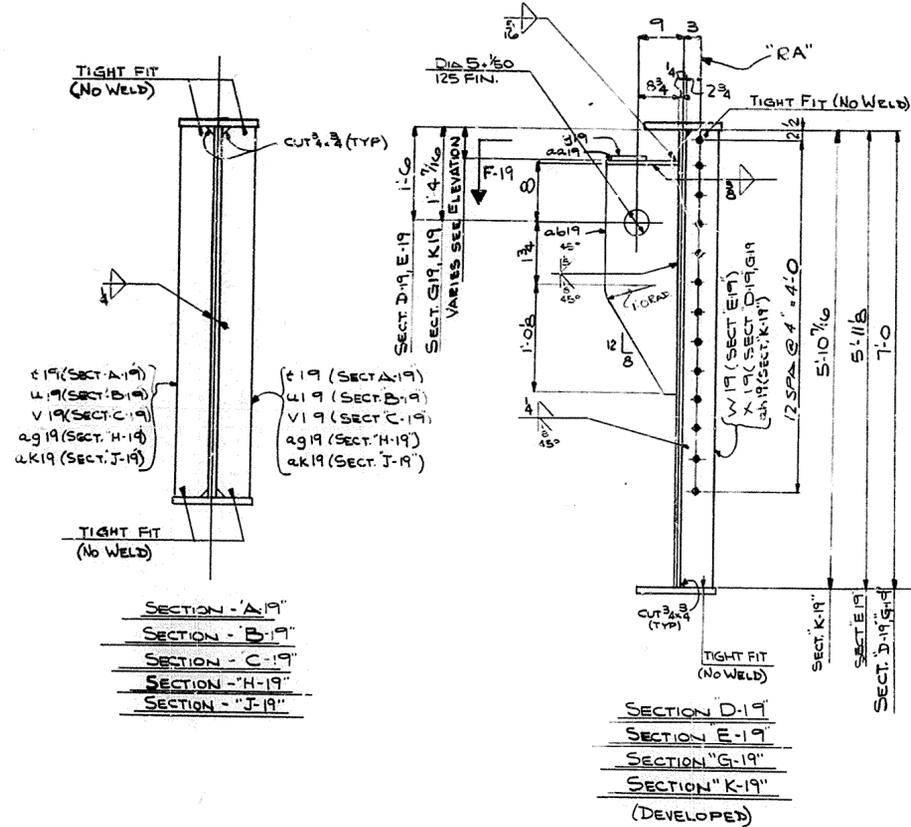
NOTE: **34**
FOR GENERAL NOTES SEE SHEET GN1

HOLES $\frac{15}{16}$ " U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.			
JOB: I64 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 PROJ. NO. 184-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS			
CONTRACTOR			
DRAWN BY	D.P.C.	DATE	4-79
CHECKED BY	P.W.H.	DATE	6-67
PAINT SPEC.		SEE GN 1	
REVISIONS	DATE	BY	JOB NO. A8001
			SHEET 19AC OF



NOTE:
FOR GENERAL NOTES SEE SHEET GN1 **35**

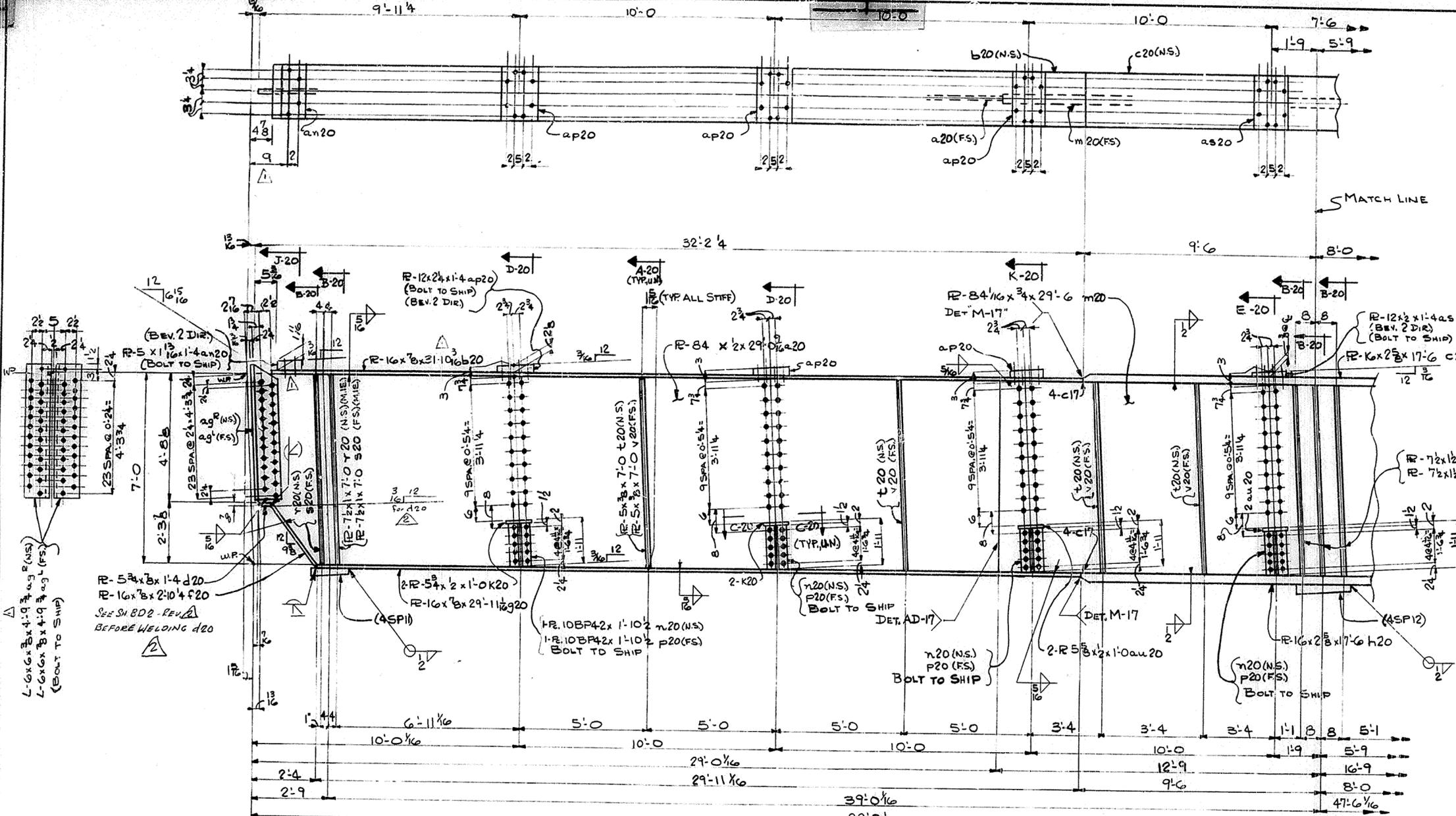
HOLES 1 1/2" U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & I TRP AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY CASE NO. 7501 PROJ. NO. 164-2(64)2			
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:			
DRAWN: D.P.C. DATE: 4-67 CHECKED BY: P.W.H. DATE: 6-67 PAINT SPEC: SEE GN1		JOB NO. A8001 SHEET 19BC OF	
REVISIONS	DATE	BY	



NOTE:
FOR GENERAL NOTES SEE SHEET GN1

36

HOLES $\frac{15}{16}$ " U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE ... MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		JOB: 164 OVER K & IRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 53 273 75BL PROJ. NO. 18A-2(64)2	
ARCHITECT KENTUCKY DEPT. OF HWYS		CONTRACTOR	
DRAWN BY D.P.C.	DATE 4-69	JOB NO. A8001	
CHECKED BY P.W.H.	DATE 6-69	SHEET	
PAINT SPEC. SEE GN1		19C OF	
REVISIONS	DATE	BY	



ONE GIRDER MK 20G1
(LIFTING WEIGHT 17 TONS)

SHOP NOTES:

ALL HOLES THIS SHIT. TO BE "R.A."

STA. 112+82
DWG. No. 16539
LETTING DATE: 1/24/69

FOR GENERAL NOTES SEE SHIT. GN1

HOLES $\frac{15}{16}$ " U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI

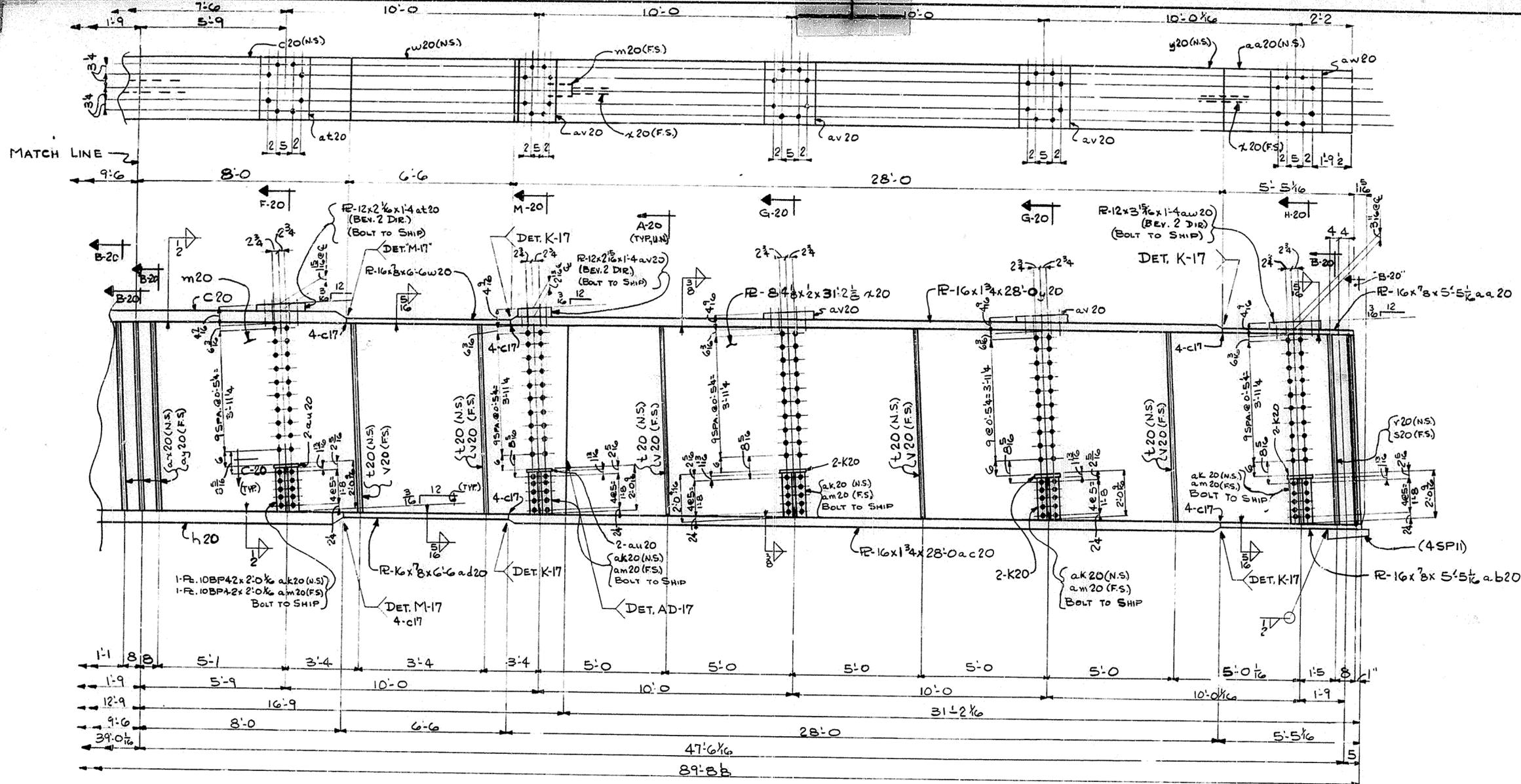
JOB: I64 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 1581-PROJ. NO. 164-2(64)2

ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

DRAWN BY *JB* DATE 4/69
CHECKED BY *P.W.H.* DATE 6/69
PAINT SPEC. SEE GN1

JOB NO. A 8001
SHEET 20AC OF

REVISIONS	DATE	BY
1		
2		
3		
4		
5		
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9		
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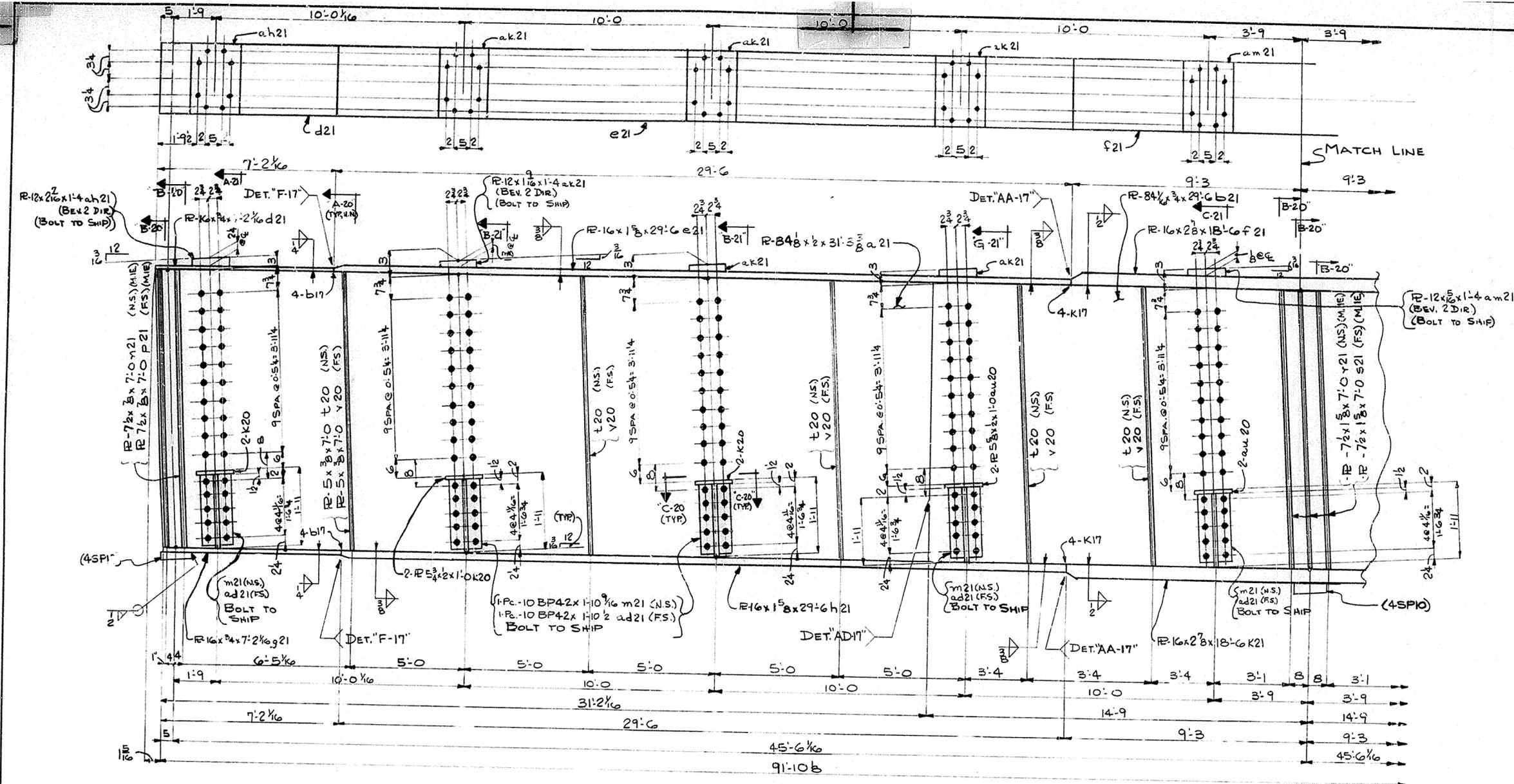


SHOP NOTE:

ALL HOLES THIS SHT TO BE "R.A."
 STA. 112+82
 DWG No 16539
 LETTING DATE: 1/24/69

FOR GENERAL NOTES SEE SHT. GN1 **38**

HOLES $\frac{15}{16}$" U.N. <small>Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>CONTRACTOR</small> DRAWN BY <i>JB</i> DATE <i>4/69</i> JOB NO. <i>A8001</i> CHECKED BY <i>P.W.H.</i> DATE <i>6/69</i> SHEET PAINT SPEC. <i>SEE GN1</i> 20BC OF		
<small>REVISIONS</small>		



ONE GIRDER MK 21G1
(LIFTING WEIGHT 18 TONS)

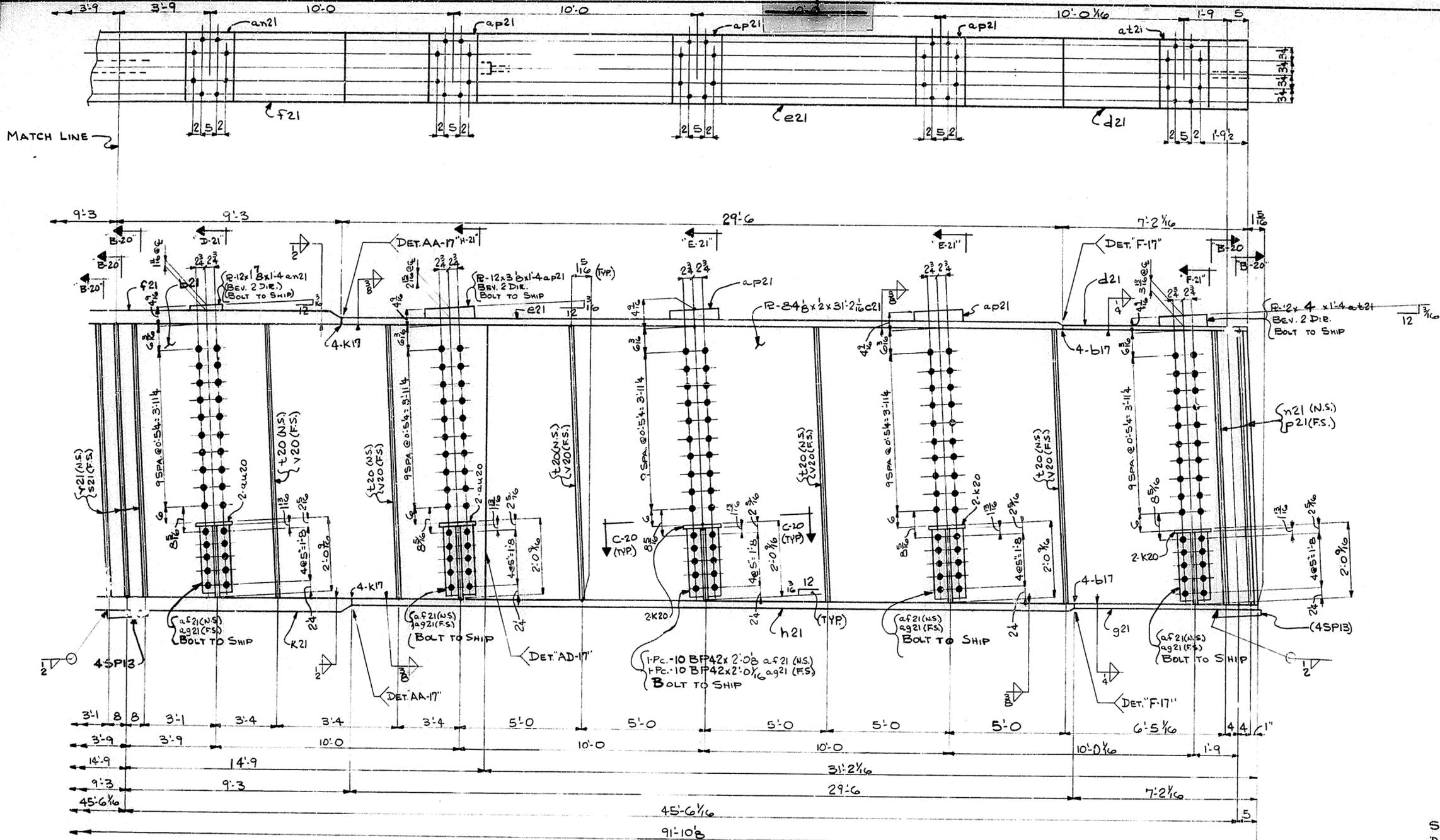
STA. 112+82
DWG. No. 16539
LETTING DATE: 1/24/69

SHOP NOTES
ALL HOLES THIS SHEET TO BE "RA".
NOTE:

FOR GENERAL NOTES SEE SHEET GN1

HOLES 1 5/16" U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 58 273 1551 PROJ. NO. 164-2(64)2		
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR		
DRAWN BY <i>JB</i> CHECKED BY <i>OW</i> PAINT SPEC. <i>S</i>	DATE <i>4/69</i> DATE <i>6/69</i> <i>GN</i>	JOB NO. A 8001 SHEET 21AC OF
REVISIONS	DATE	BY

40

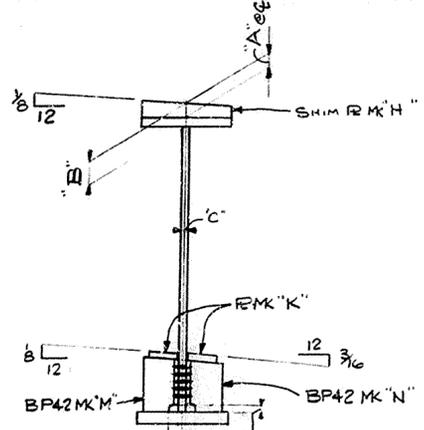


STA. 112+82
 DWG. No. 16539
 LETTING DATE: 1/24/69

ALL HOLES THIS SHEET TO BE "RA"
 NOTE:
 FOR GENERAL NOTES SEE SHEET G-1

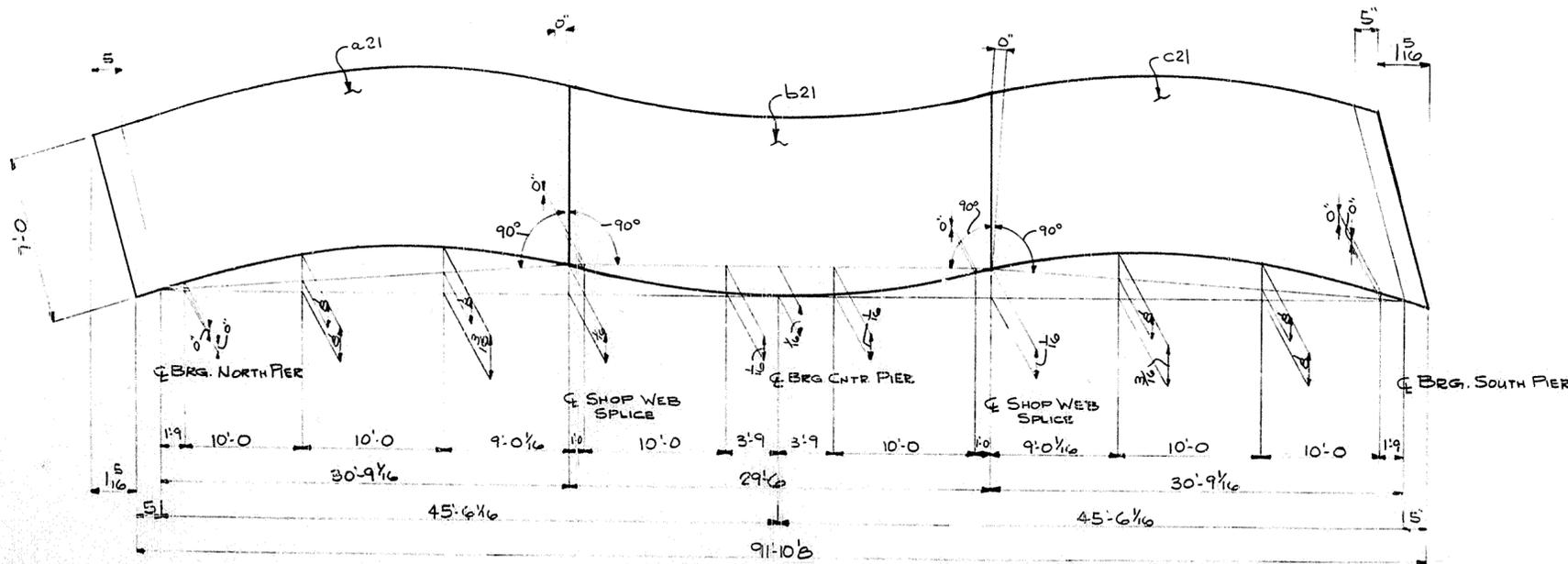
41

HOLES $\frac{15}{16}$ U.N.		TSI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No. Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: I64 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 27375B1-PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE	JOB NO.	SHEET
9JB	4-69	A-8001	21BC OF
CHECKED BY	DATE		
PWH	8/69		
PAINT SPEC. SEE G-1			
REVISIONS	DATE	BY	



(Cut) 1" 1" (cut)
 SECTION "A21"
 SECTION "B21"
 SECTION "C21"
 SECTION "D21"
 SECTION "E21"
 SECTION "F21"
 SECTION "G21"
 SECTION "H21"

SECTION MARK	DIMENSIONS			SHIM	R	BP42	BP42
	"A"	"B"	"C"	R MK "H"	M "K"	M "M"	M "N"
A21	2 1/4	3	1/2	ah21	2-K20	m21	ad21
B21	1 3/8	3	1/2	ak21	2-K20	m21	ad21
C21	3	3	3/4	am21	2-au20	m21	ad21
D21	1 1/16	4 9/16	3/4	an21	2-au20	af21	ag21
E21	2 5/16	4 9/16	1/2	ap21	2-K20	af21	ag21
F21	3 7/16	4 9/16	1/2	at21	2-K20	af21	ag21
G21	1 3/8	3	3/4	ak21	2-au20	m21	ad21
H21	2 5/16	4 9/16	3/4	ap21	2-au20	lf21	ag21

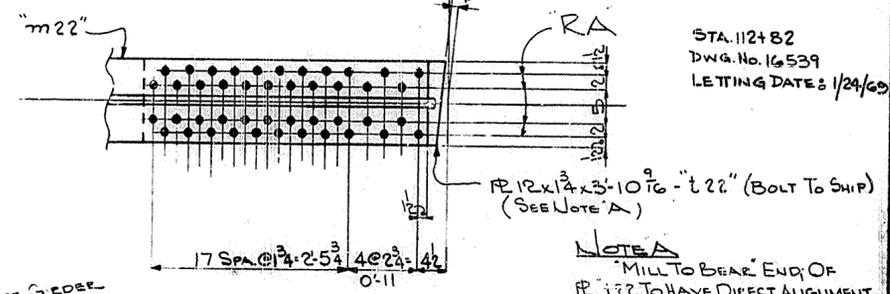
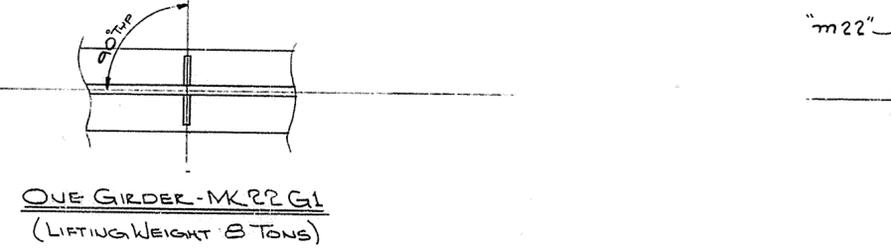
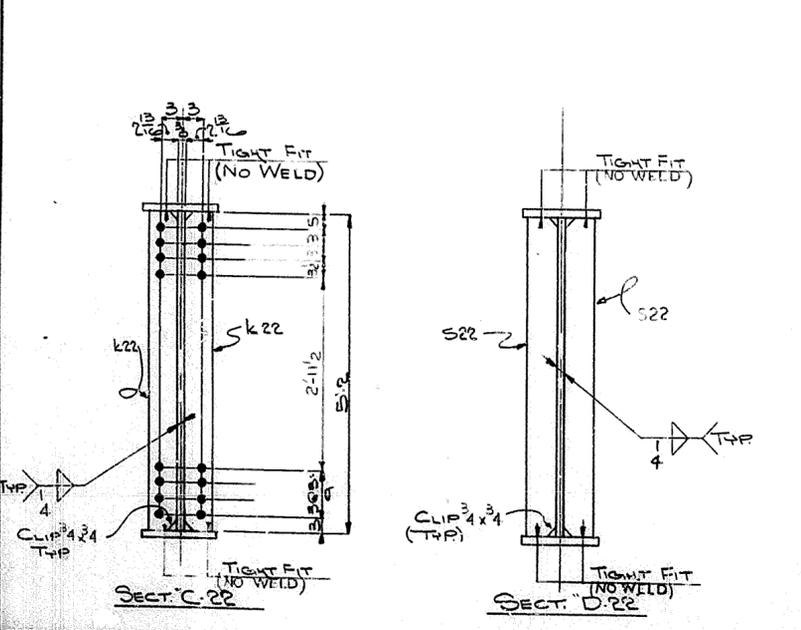
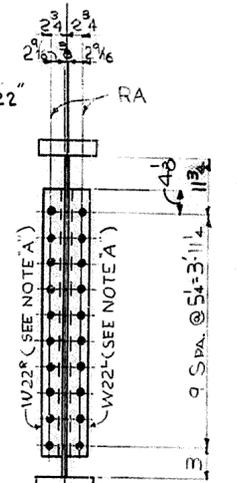
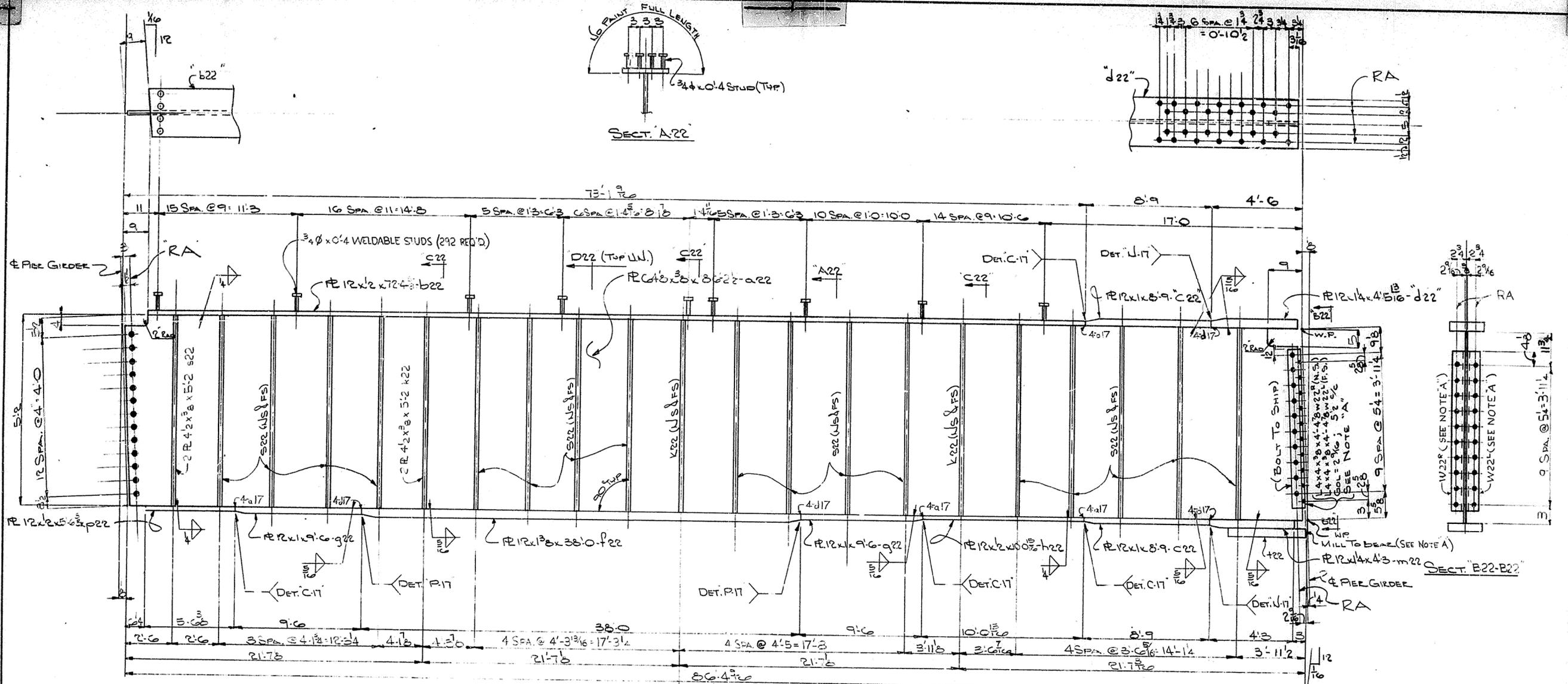
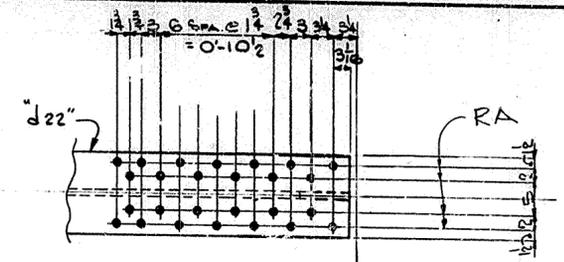
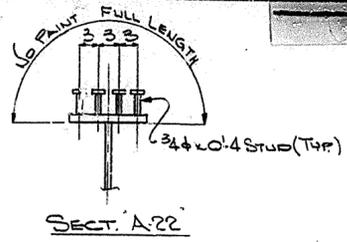


STA. 112+82
 DWG. No. 16539
 LETTING DATE: 1/24/69

NOTE:
 FOR GENERAL NOTES SEE SHEET GN1

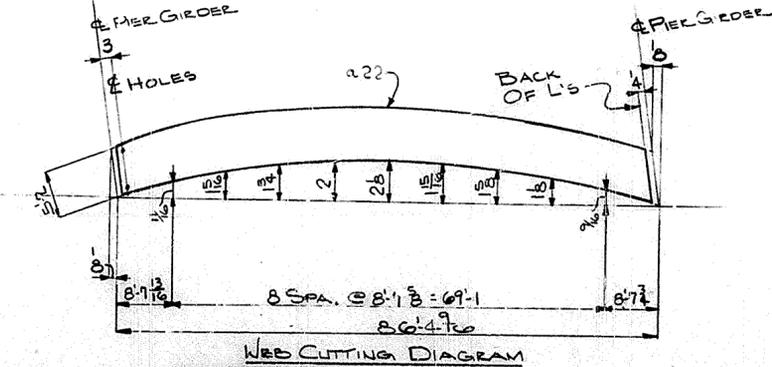
42

HOLES $\frac{15}{16}$ U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 '581. PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY <i>JLB</i> DATE <i>3/69</i>		JOB NO. <i>A8001</i>	
CHECKED BY <i>PW11</i> DATE <i>6/67</i>		SHEET	
PAINT SPEC. <i>SEE GN1</i>		21C OF	
REVISIONS	DATE	BY	



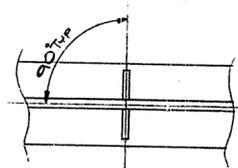
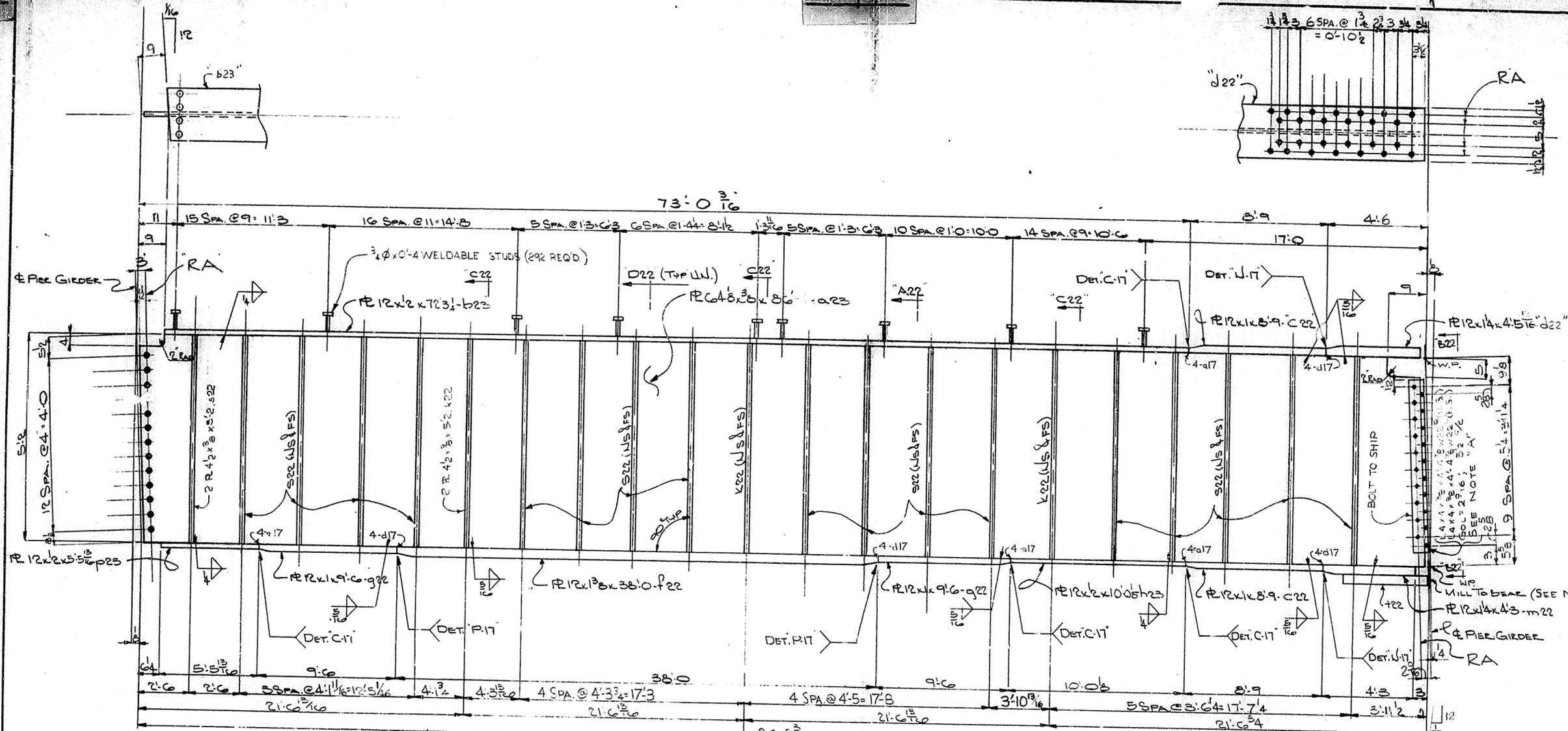
STA. 112+82
 DWG. No. 16539
 LETTING DATE: 1/24/69

NOTE A
 MILL TO BEAR END OF
 PIER TO HAVE DIRECT ALIGNMENT
 WITH WEB OF TRANS. GIRDER.

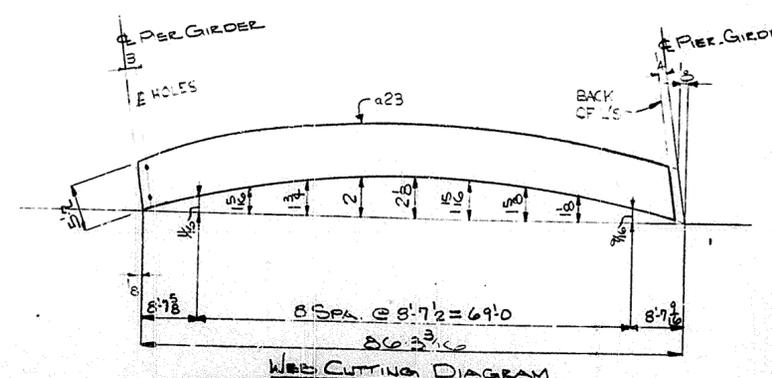


FOR GENERAL NOTES SEE SHEET G-1

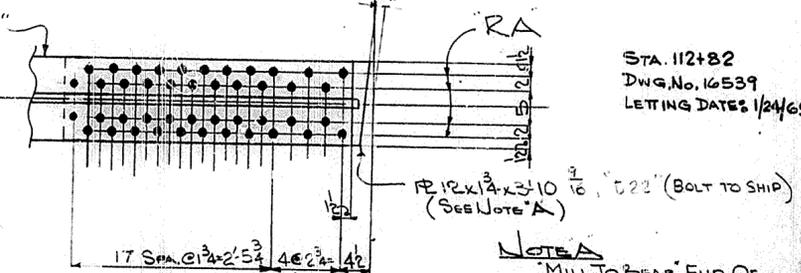
HOLES TO BE U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: T64 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 18TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 (58) - PROJ. NO. 146-B(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY JIE	DATE 4-69	JOB NO. A-8001	
CHECKED BY [Signature]	DATE 6/69	SHEET	
PAINT REC. SEE G-1		22 OF	
REVISIONS	DATE BY		



ONE GIRDER - MKR3G1
(LIFTING WEIGHT: 8 TONS)



WEB CUTTING DIAGRAM

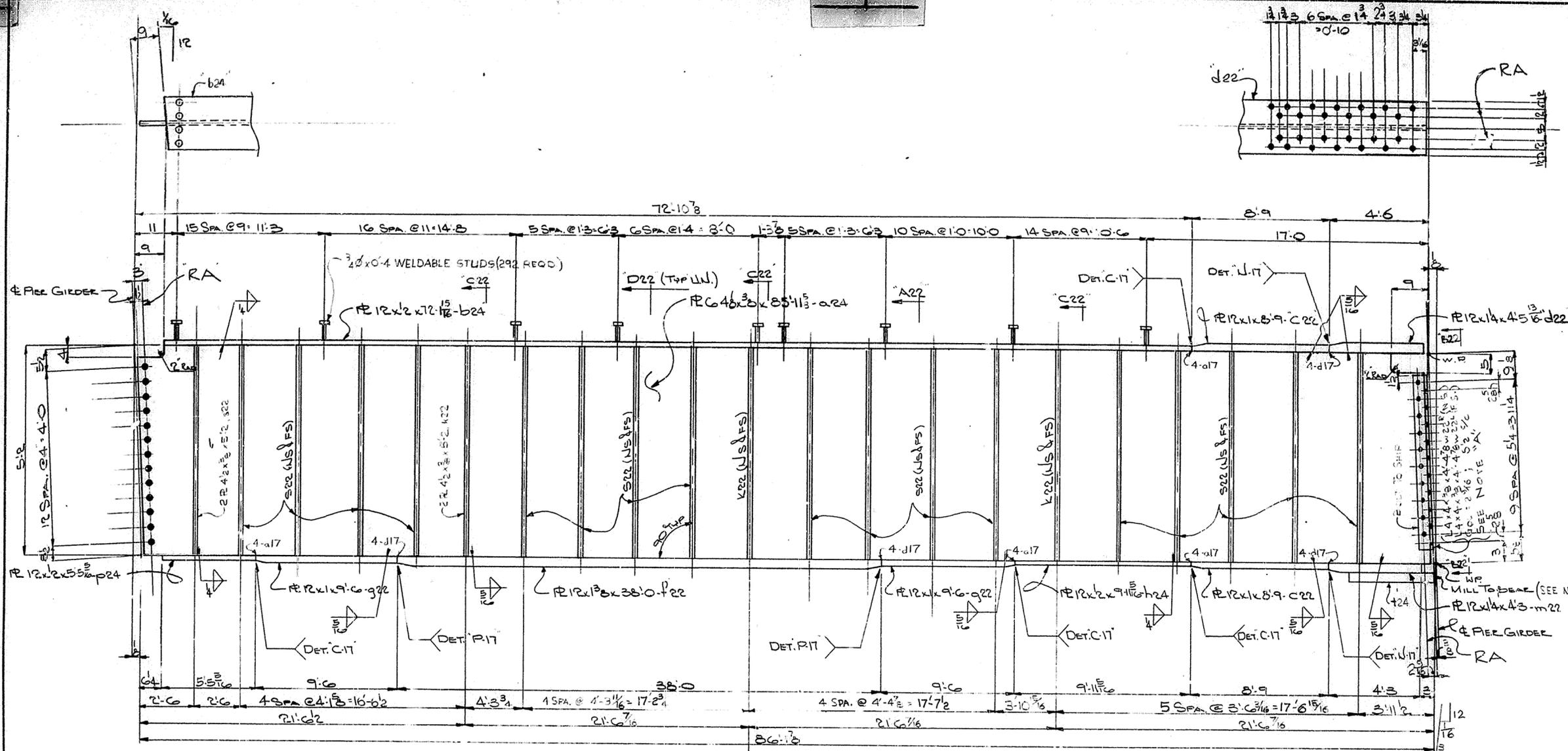


STA. 112+82
DWG. No. 16539
LETTING DATE: 1/24/69

NOTE A
MILL TO BEAR END OF
P-17 TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER.

FOR GENERAL NOTES SEE SHEET GNI

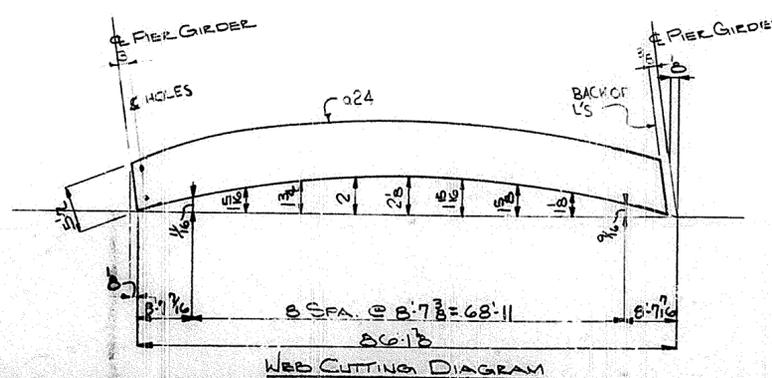
HOLES TO U.N. Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 104 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 18TH STREET JEFFERSON COUNTY, KENTUCKY SP. NO. 273 7581 - PROJ. NO. 104-2(64)2		ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:	
DRAWN BY: JIE CHECKED BY: [Signature] PAINT SPEC.: SEE GNI	DATE: 4-69 DATE: 6/69	JOB NO.: A-8001 SHEET: 23 OF:	
REVISIONS: DATE BY			



ONE GIRDER - MK P 4 G 1
(LIFTING WEIGHT: 8 TONS)

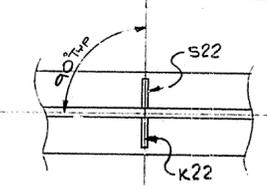
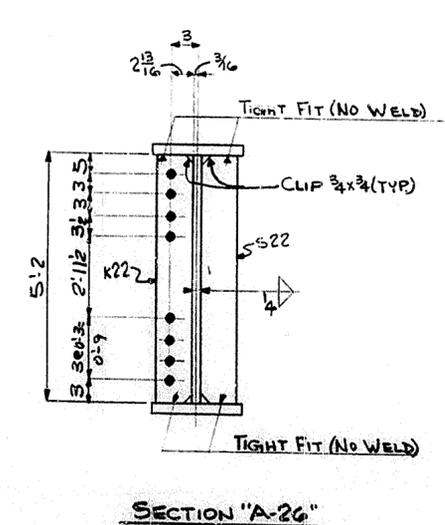
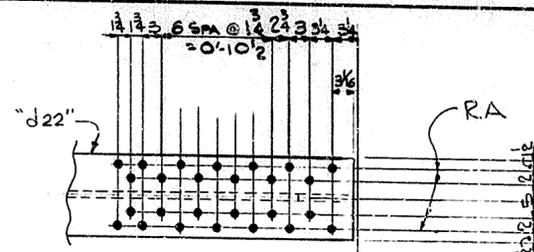
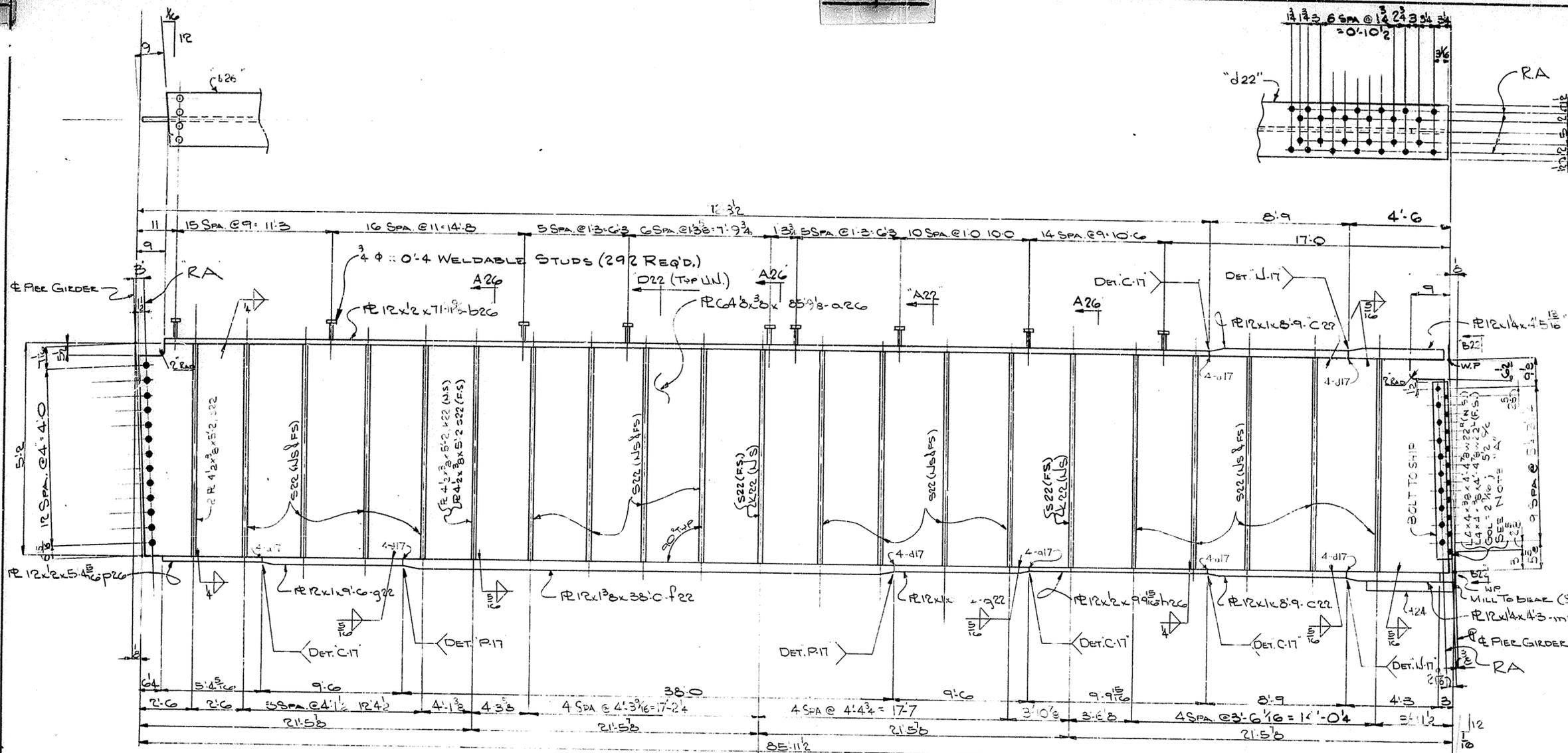
STA. 112+82
DWG. No. 16539
LETTING DATE: 1/24/69

NOTE A
MILL TO BEAR END OF
R12x14x3-10 1/16 L24 TO HAVE DIRECT ALIGNMENT
WITH NEB OF TRANS. GIRDER.

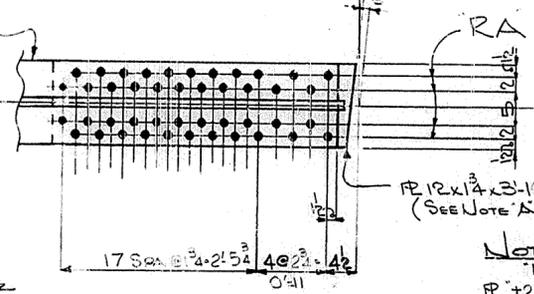


FOR GENERAL NOTES SEE SHEET G1

HOLES 1/2" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
Steel To Be Erected in Accordance With Drawings and Specifications For A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
JOB: 164 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 19TH STREET JEFFERSON COUNTY, KENTUCKY SP 66 273 1551 - PROJ. NO. 164-2(64)2		
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:		
DRAWN BY: JIE CHECKED BY: JIE PAINT SPEC. SEE G1		DATE: 4-69 DATE: 6/69 JOB NO. A-5001 SHEET 24 OF
REVISIONS	DATE	BY

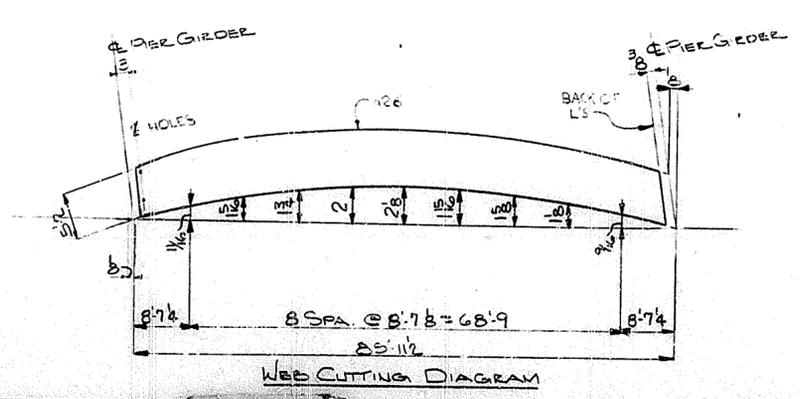


ONE GIRDER - MK 26G1
(LIFTING WEIGHT - 8 TONS)



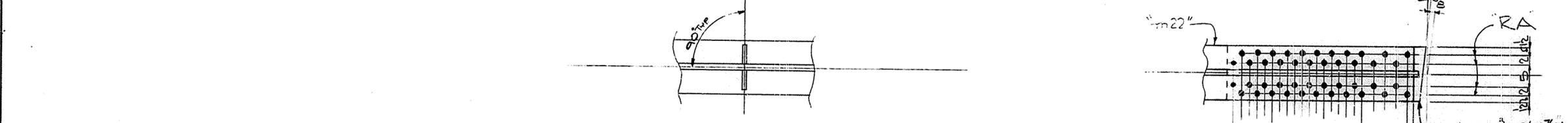
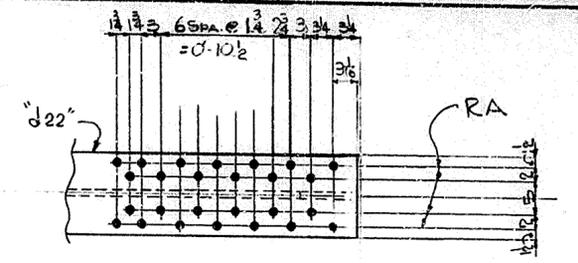
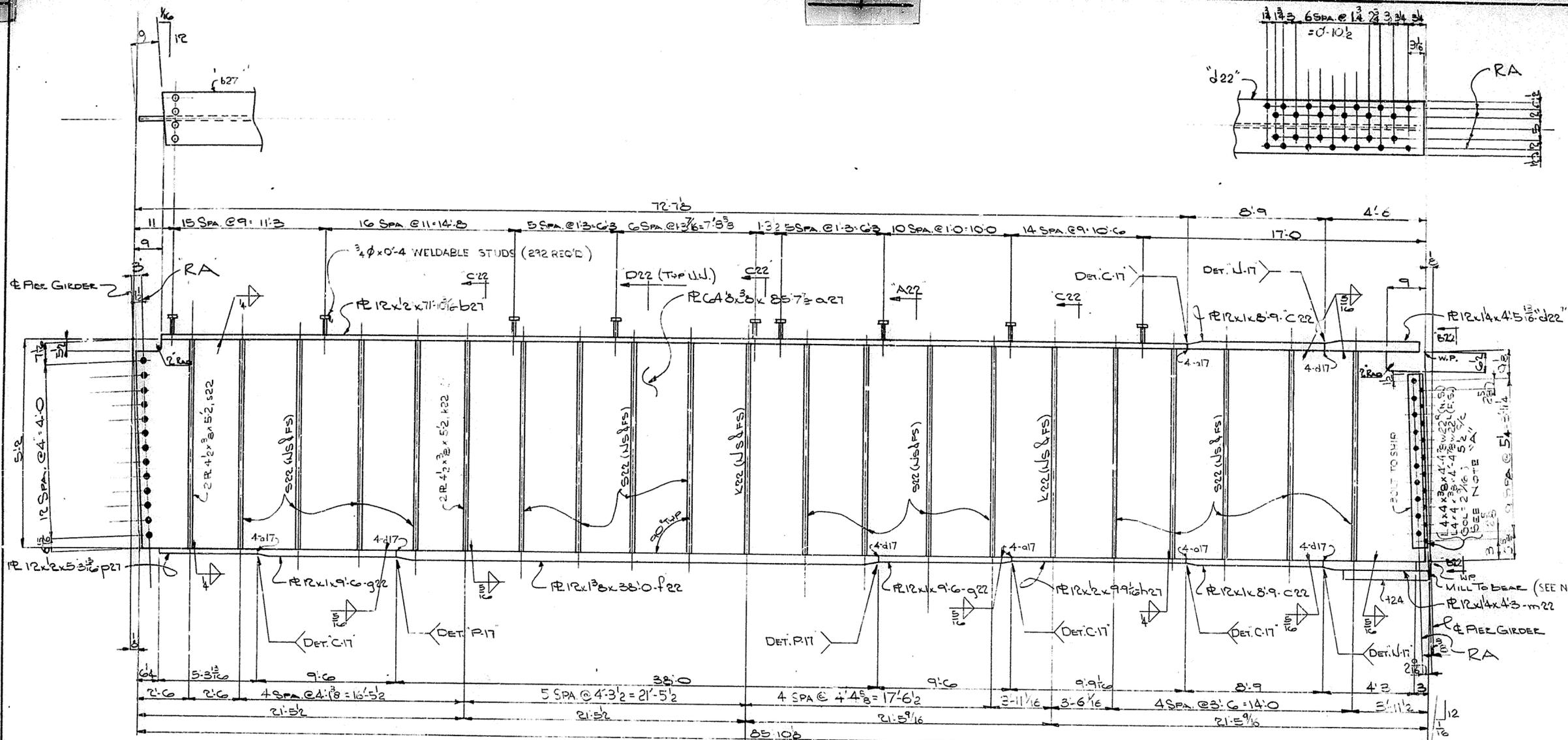
STA. 112+82
DWG No. 16539
LETTING DATE 3/24/69

NOTE A
MILL TO BEAR END OF
P-24 TO HAVE DIRECT ALIGNMENT
WITH WEBS OF TRANS. GIRDER.

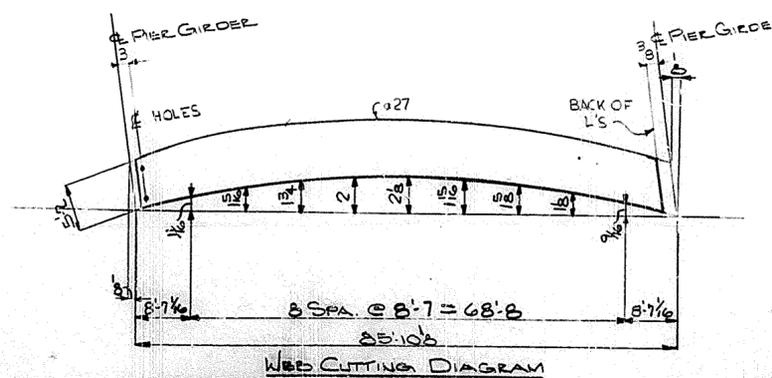


FOR GENERAL NOTES SEE SMT. GNI

HOLES TOP & U.N. <small>Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
JOB: 164 OVER K & ITRR AND 17TH STREET CEDAR GROVE TERRACE TO 19TH STREET JEFFERSON COUNTY, KENTUCKY SP. 56 273 7581 - PROJ. NO. 164-2(64)2		
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR		JOB NO. A-8001 SHEET 26 OF
DRAWN BY JIE CHECKED BY [Signature] PAINT SPEC. SEE GNI	DATE 4-69 DATE 6/69	
REVISIONS	DATE BY	



ONE GIRDER - MKRTG1
(LIFTING WEIGHT = 8 TONS)

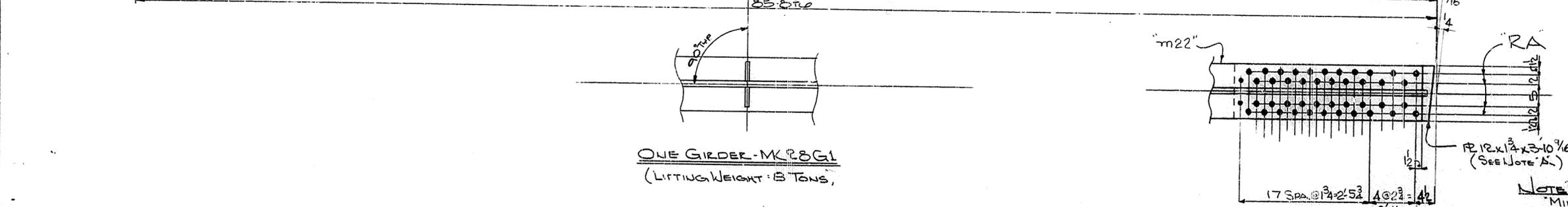
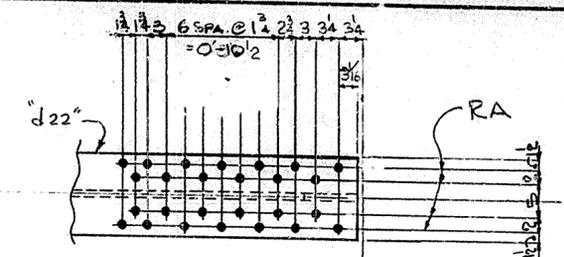
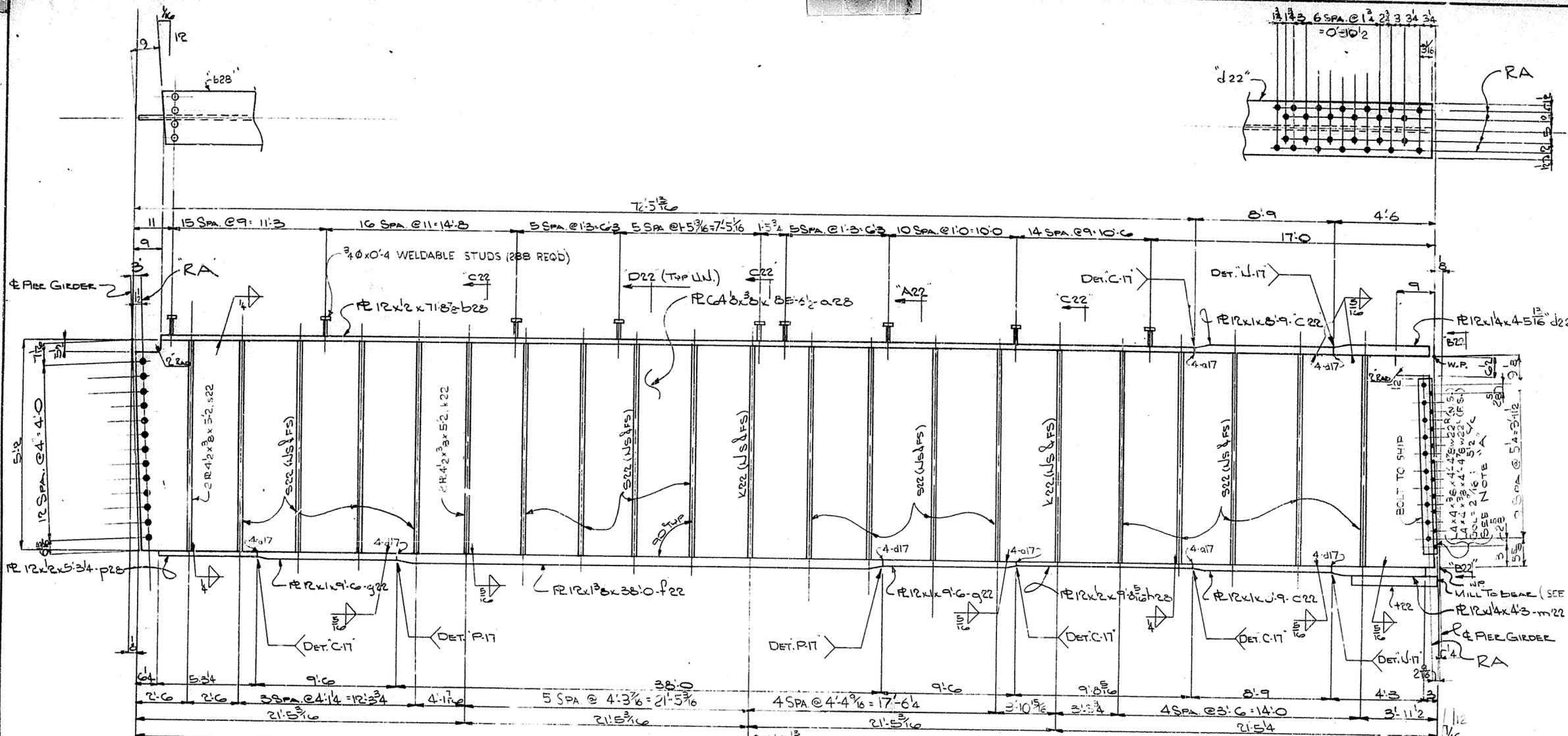


STA. 112+82
DWG. No. 16539
LETTING DATE: 1/24/69

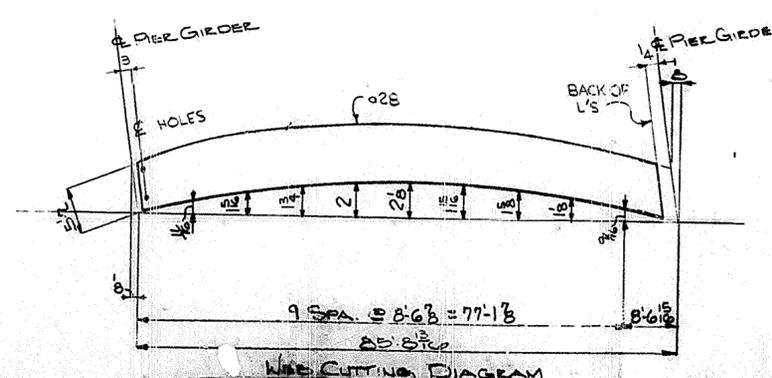
NOTE
MILL TO BEAR END OF
R 24 TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER.

FOR GENERAL NOTES SEE SHT. G01

HOLES $\frac{1}{2}$ " ϕ U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
JOB: 164 OVER K B ITRR AND 87TH STREET CEDAR GROVE TERRACE TO 18TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581-PROJ. NO. 114-3(GA)2		
ARCHITECT: KENTUCKY DEPT. OF HWYS.		
CONTRACTOR:		
DRAWN BY: JIE	DATE: 4-68	JOB NO. A-8001
CHECKED BY: [Signature]	DATE: 4/69	SHEET
PAINT: ZC. SEE G01		27 OF
REVISIONS	DATE	BY



ONE GIRDER - MK 8 G1
(LIFTING WEIGHT: 8 TONS)

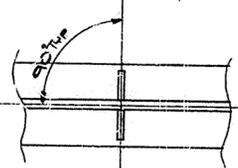
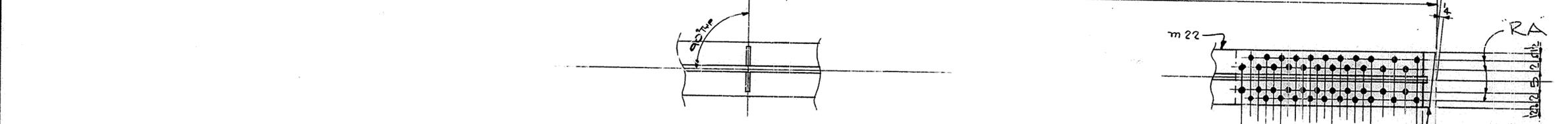
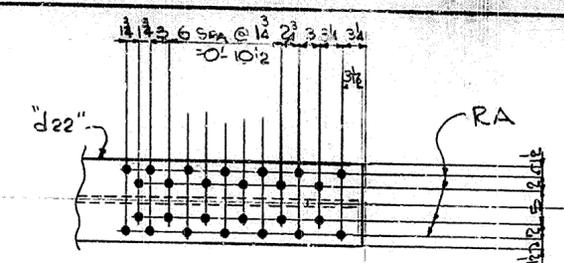
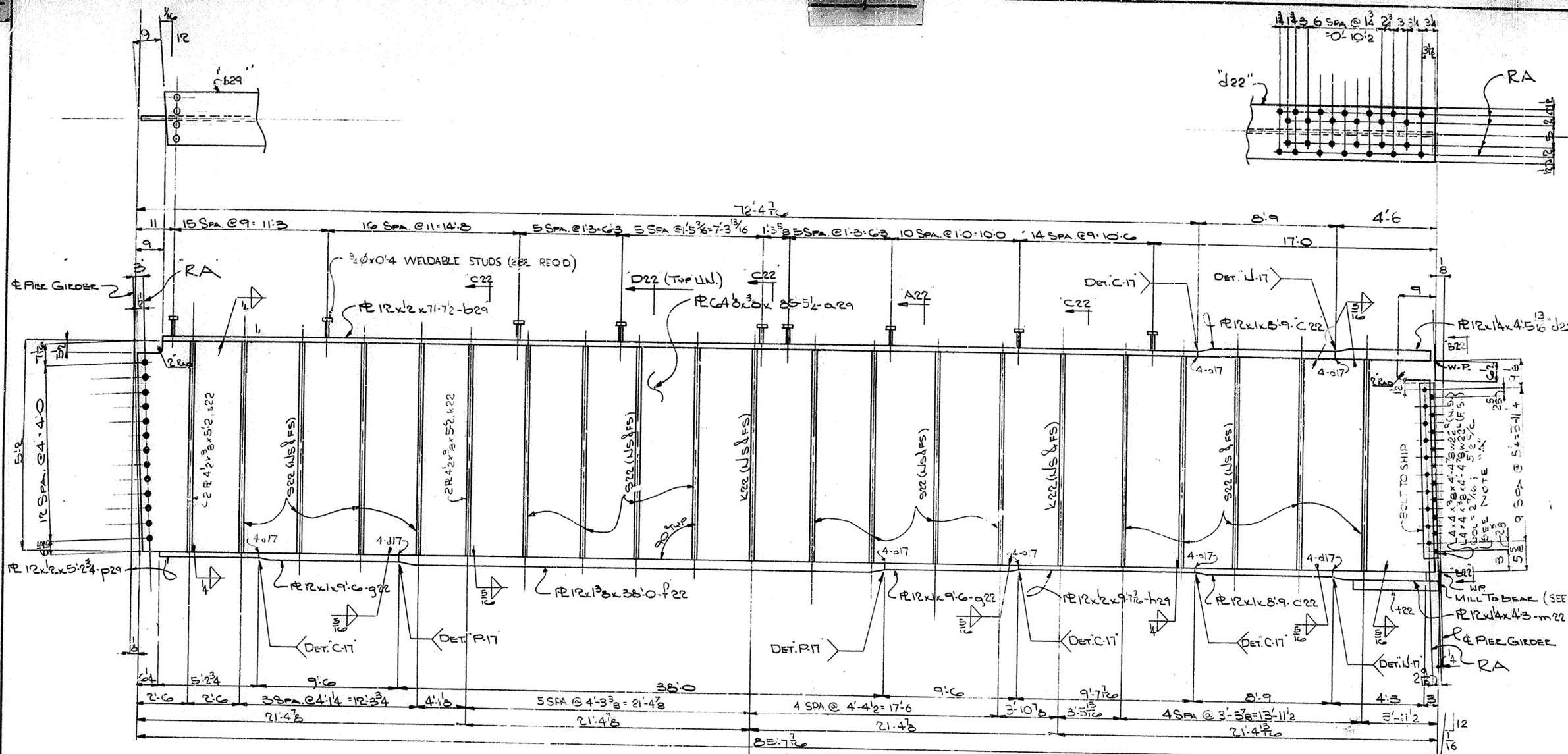


STA. 112+82
DWG. No. 16539
LETTING DATE 1/24/69

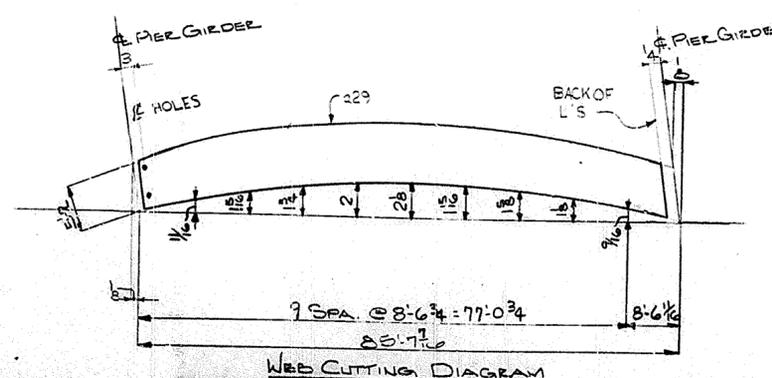
NOTE A
MILL TO BEAR END OF
FR +22 TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER

FOR GENERAL NOTES SEE SHT. G1

HOLES TO BE DRILLED IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS FOR AISC CODE OF STANDARD PRACTICE. UNLESS AUTHORIZED NO BACK CHARGES WILL BE ACCEPTED.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & I TRR AND 17TH STREET CLEAR GROVE TERRACE TO 15TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 2737581 - PROJ. NO. 164-2(64)2			
ARCHITECT: KENTUCKY DEPT. OF HWYS.			
CONTRACTOR:			
DRAWN BY: JIF	DATE: 4-69	JOB NO. A-8001	
CHECKED BY: JIF	DATE: 6/69	SHEET	
PAINT SPEC. SEE G1		28 OF	
REVISIONS	DATE	BY	



ONE GIRDER - MK29G1
(LIFTING WEIGHT: 8 TONS)

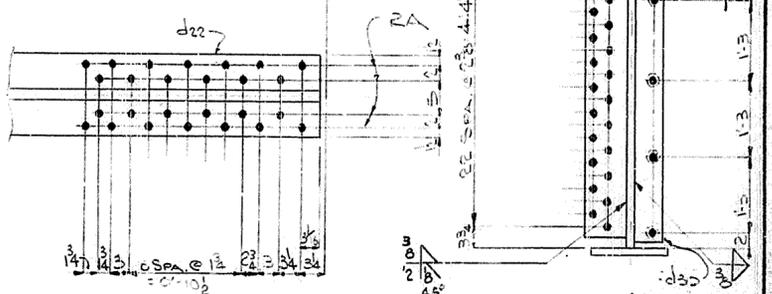
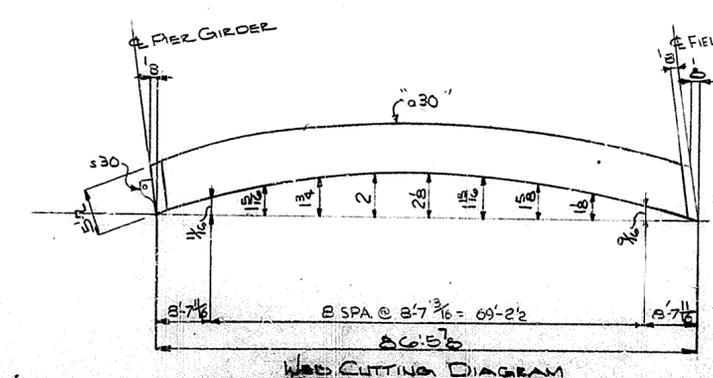
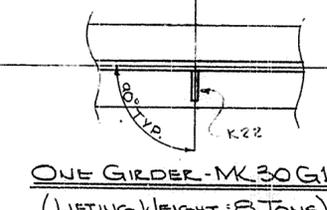
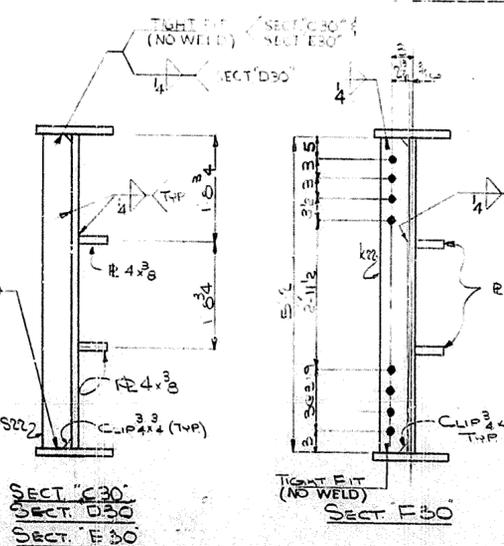
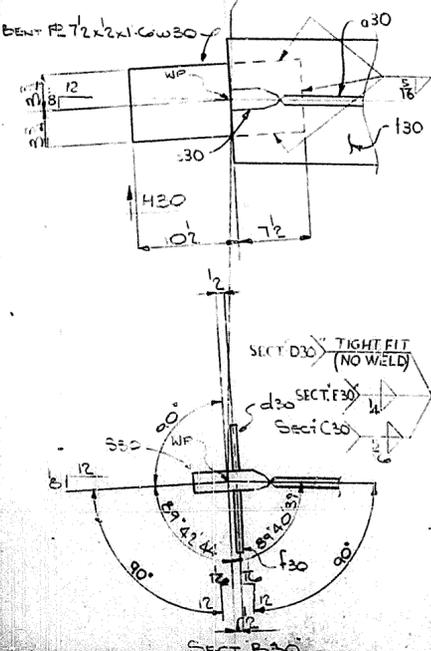
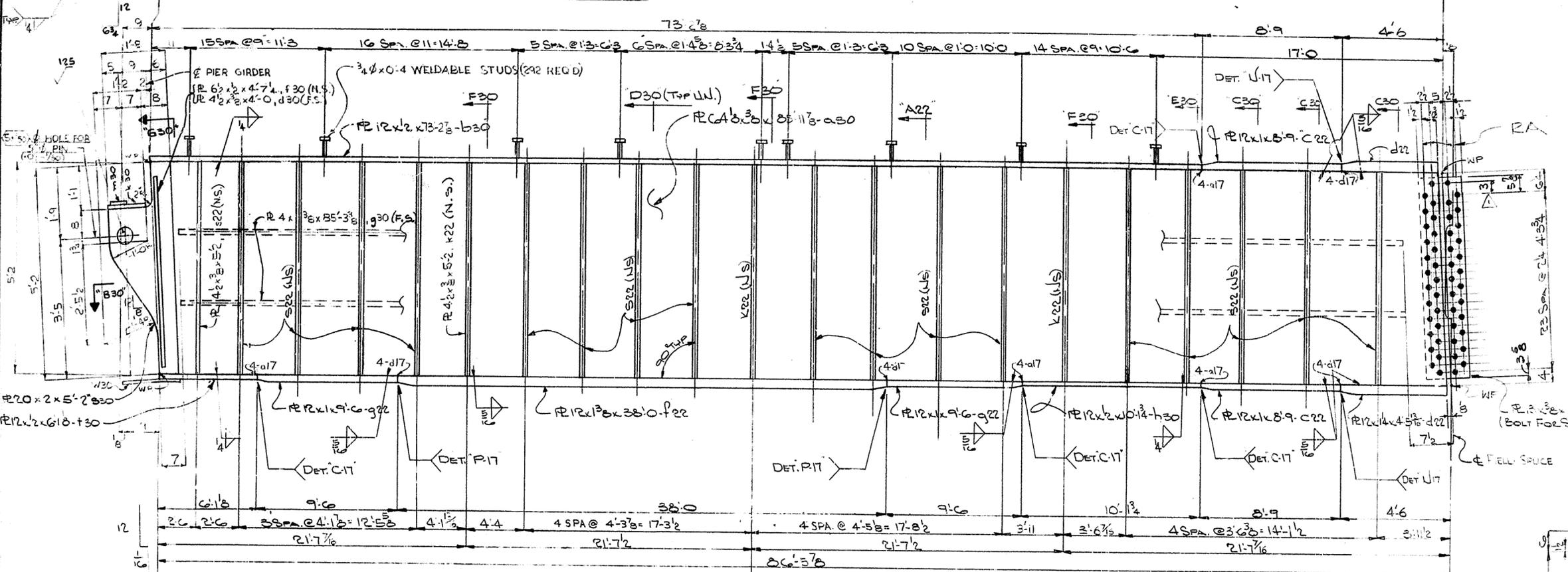
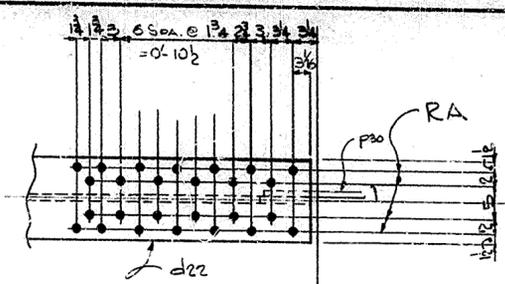
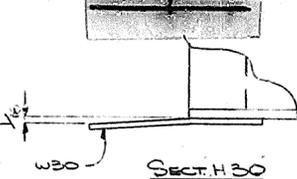
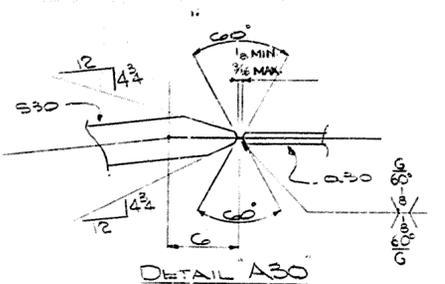
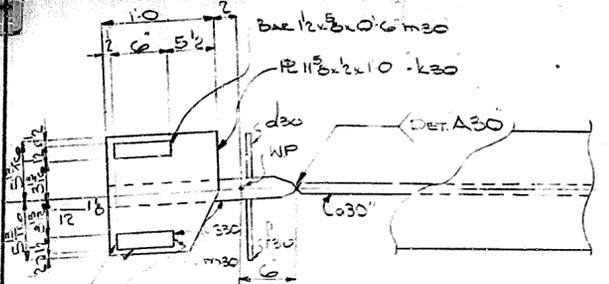


STA. 112+82
DWG No. 16539
LETTING DATE: 1/24/69

NOTE A
MILL TO BEAR END OF
P+22 TO HAVE DIRECT ALIGNMENT
WITH VIB OF TRANS GIRDER

FOR GENERAL NOTES SEE SMT. G1

HOLES TO U.N. Steel to be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 184 OVER K-11 ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 19TH STREET JEFFERSON COUNTY, KENTUCKY SP. 56 273 75B1 - PROJ. NO. 184-2(6)2			
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:			
DRAWN BY: JIE CHECKED BY: [Signature] PAINT SPEC. SEE G11	DATE: 4-69 DATE: 6/69	JOB NO. A-3001 SHEET 29 OF	



FOR GENERAL NOTES SEE SHET GNI

HOLES TO BE U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Changer Will Be Accepted.

STA. 112+52
Dwg. No. 16539
LETTING DATE 1/24/69

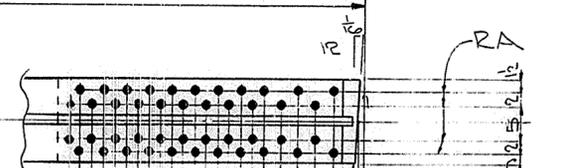
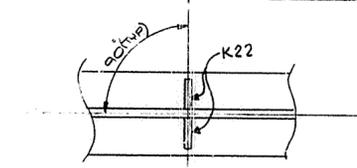
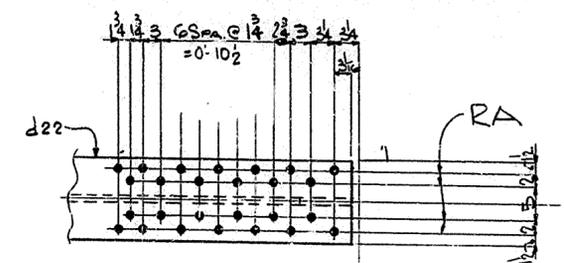
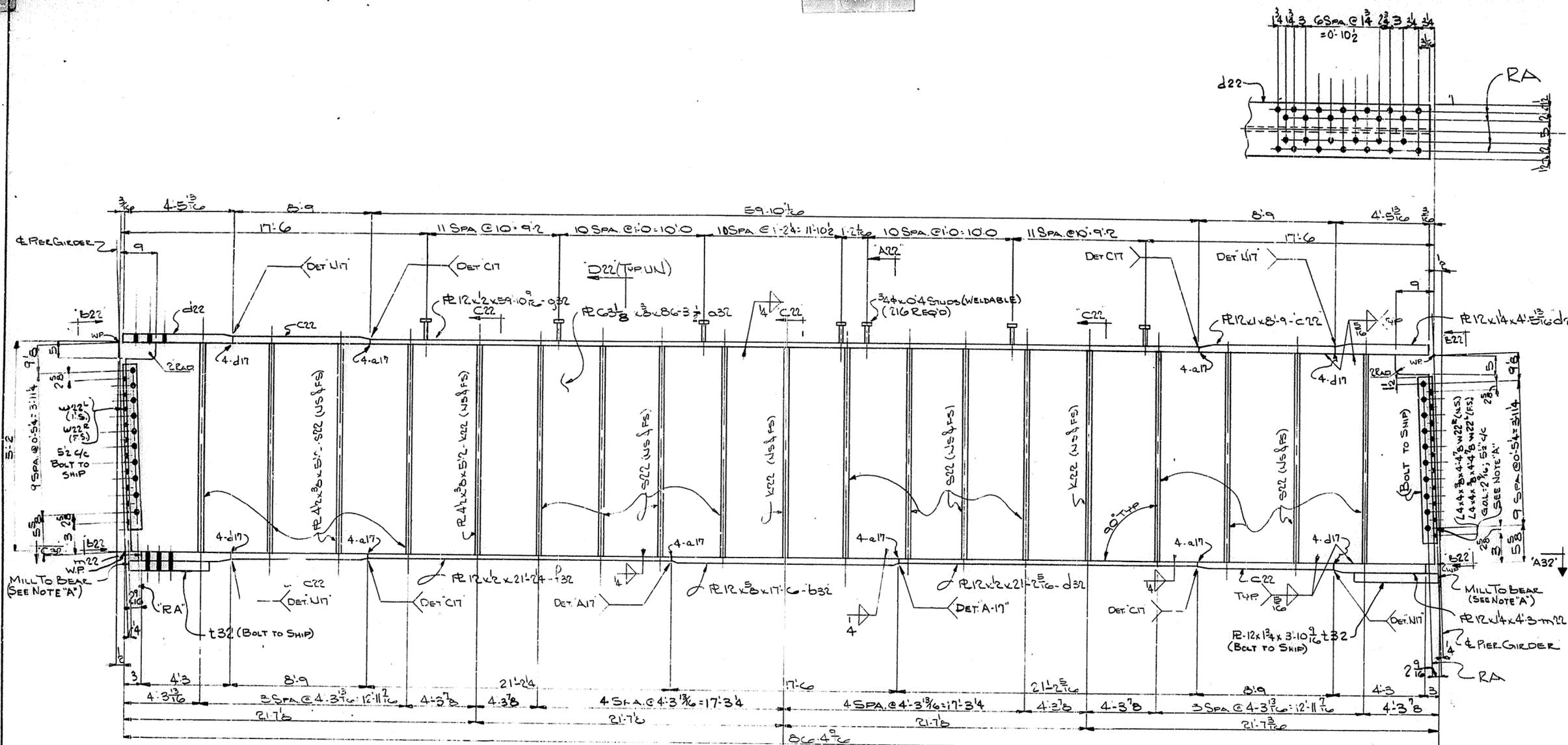
TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 104 OVER K N ITRR AND 12TH STREET
CEDAR GROVE TERRACE TO 18TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 755; PROJ. NO. 104-2(64)2

ARCHITECT KENTUCKY DEPT. OF HWYS.

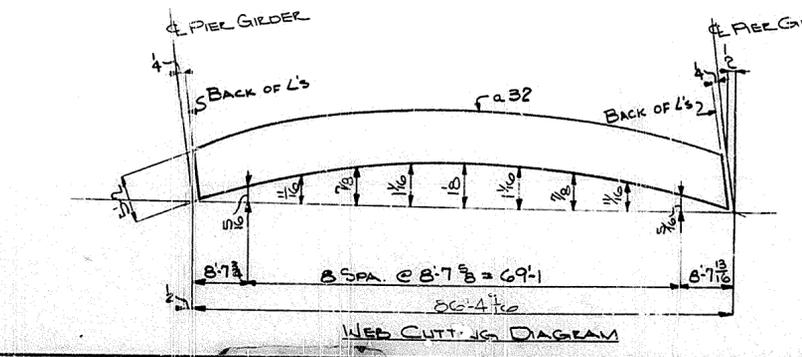
CONTRACTOR

DRAWN BY JIE DATE 4-69 JOB NO. A-3001
CHECKED BY [Signature] DATE 4/69 SHEET 30 OF
PAINT SPEC. SEE GNI



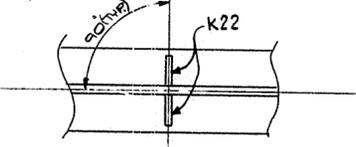
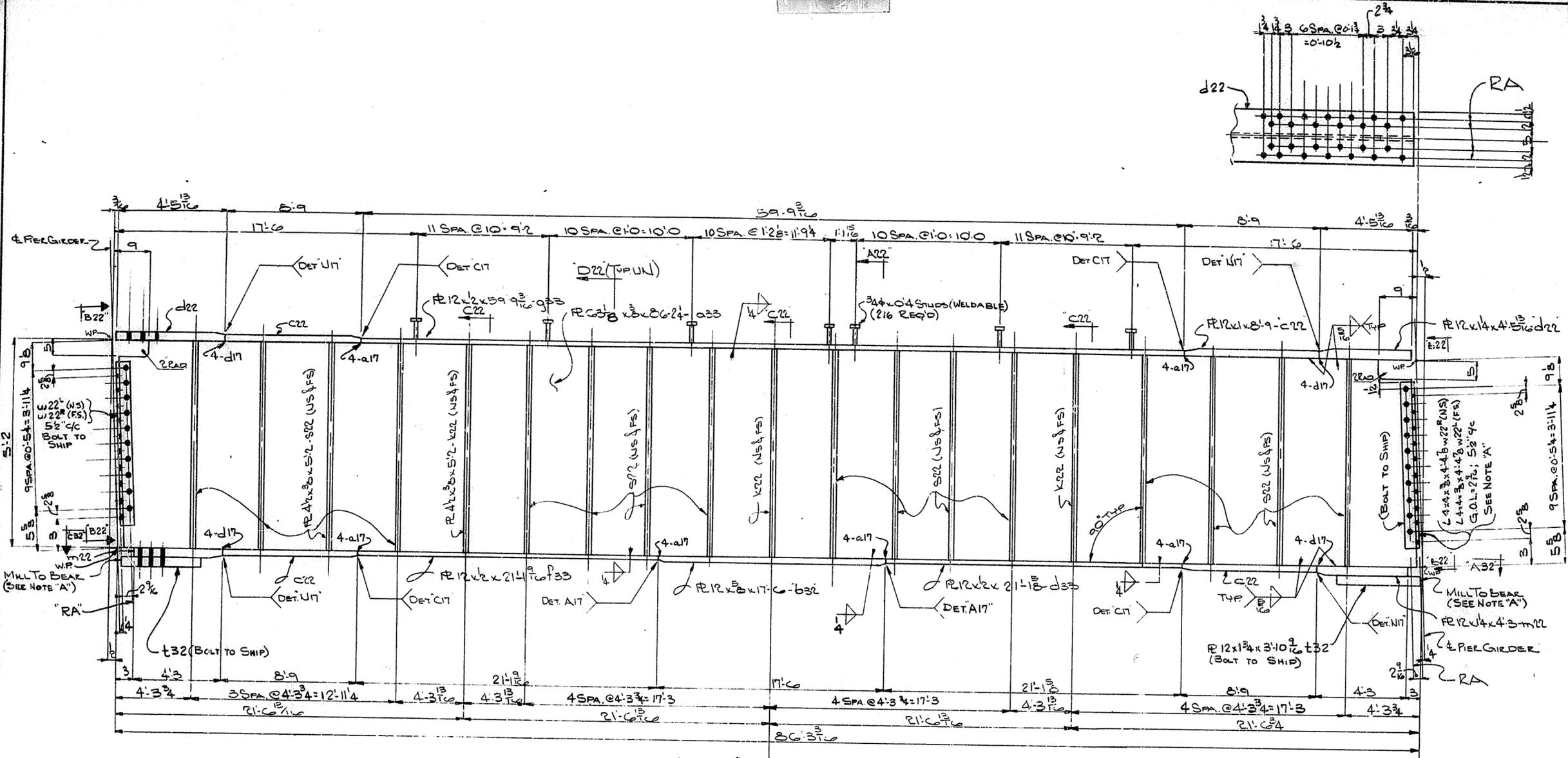
ONE GIRDER - MK 32 GI
(LIFTING WEIGHT - 7 TONS)

STA. 112+82
Dwg. No. 16539
LETTING 1/24/69

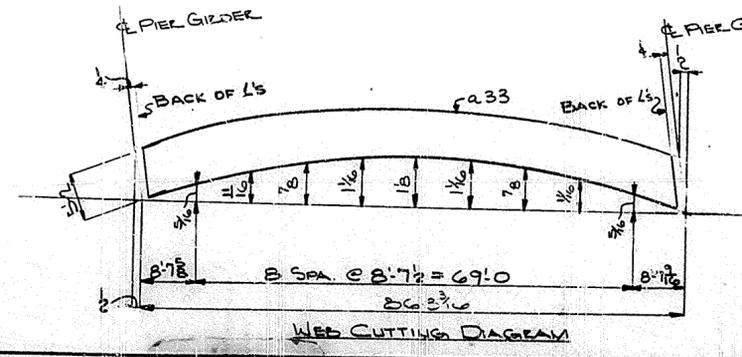


NOTE A
MILL TO BEAR END OF R12x24
TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER

HOLES 1/2" & U.N. Shall To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 58 273 75B+ PROJ. NO. 164-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR DRAWN BY JJE CHECKED BY JJE PAINT SPEC. SEE G11		DATE 5/69 DATE 7/69 JOB NO. A8001 SHEET 32 OF	
REVISIONS	DATE	BY	



ONE GIRDER - MK 33G1
(LIFTING WEIGHT - 7 TONS)



STA. 112+82
DWG. NO. 16539
LETTING 1/24/69

NOTE:
MILL TO BEAR END OF R132
TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER

FOR GENERAL NOTES SEE SHEET 'G1'

HOLES 1/2" & U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice Unless Authorized By Back Changes Will Be Accepted.

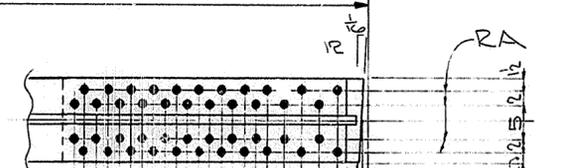
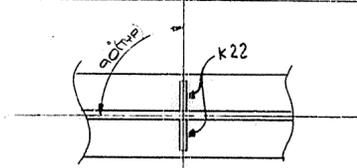
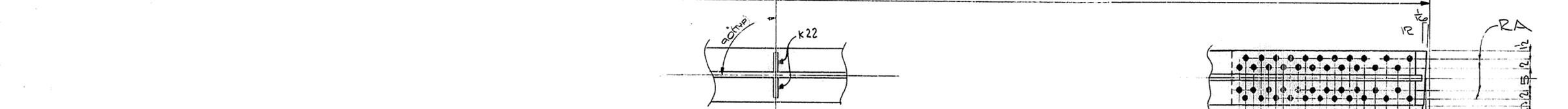
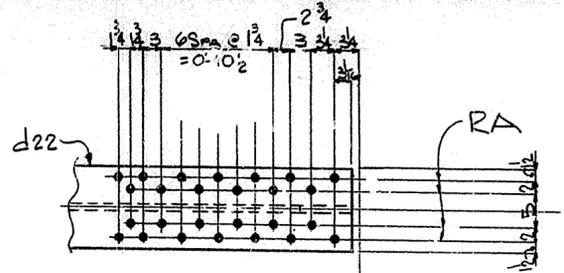
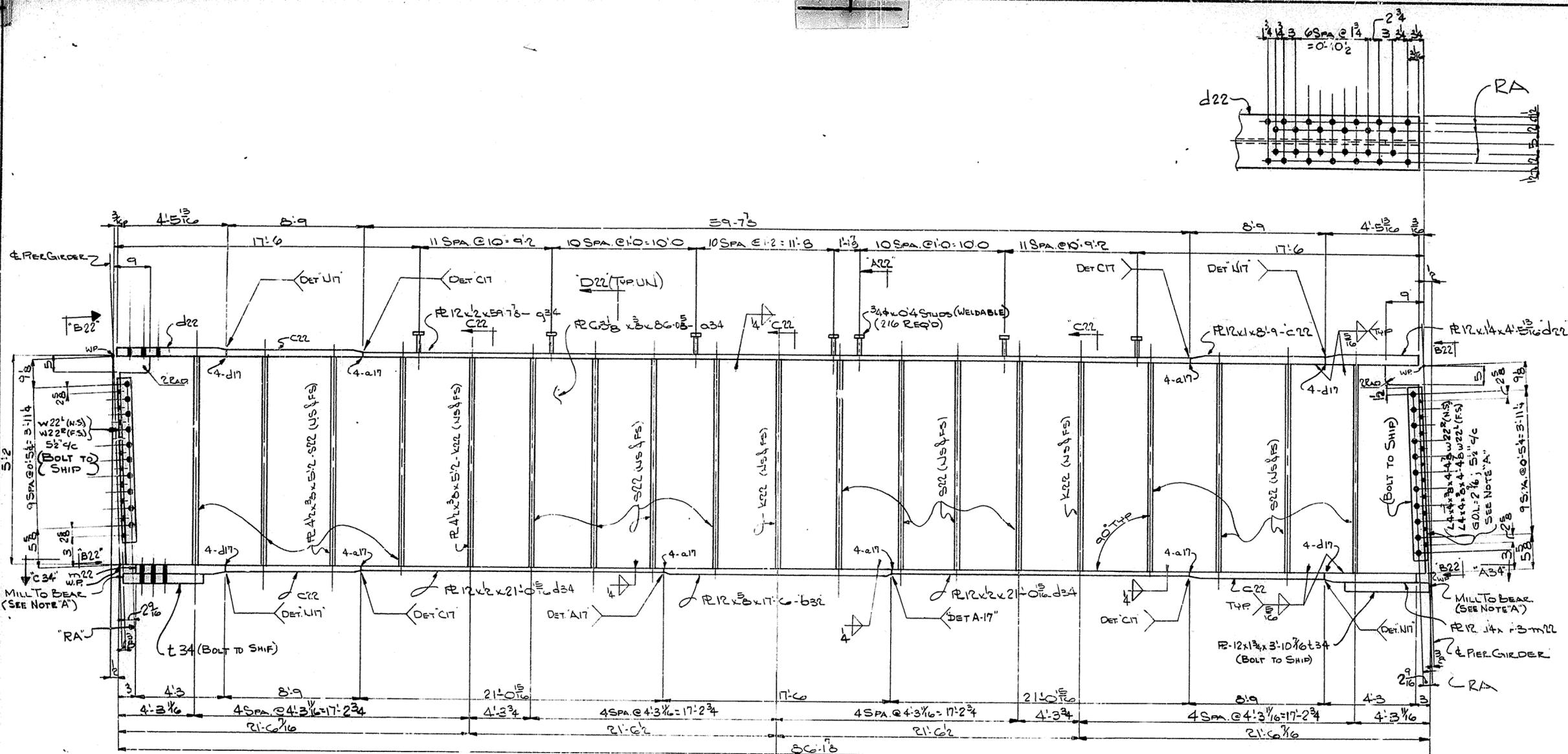


TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI

JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 7581 - PROJ. NO. 164-2(6)2
ARCHITECT KENTUCKY DEPT. OF HWYS.

CONTRACTOR:
DRAWN BY JIE DATE 3-69
CHECKED BY SEE GN DATE 7/69
PAINT SPEC SEE GN

REVISIONS DATE BY
JOB NO. A8001
SHEET 33 OF



ONE GIRDER - MK 34G1
(LIFTING WEIGHT - 7 TONS)

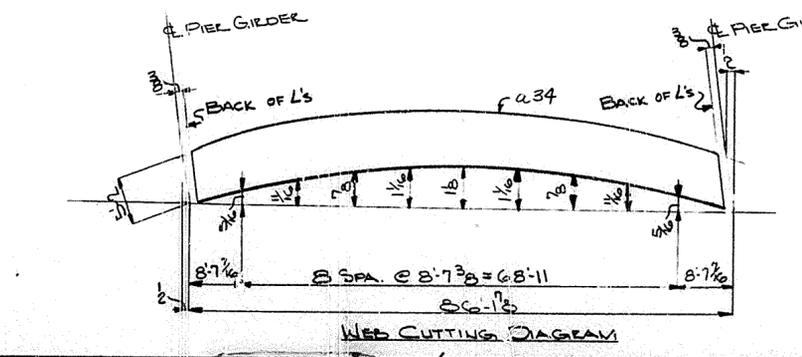
STA. 112+82
DWG. NO. 16539
LETTING 1/24/69

NOTE
MILL TO BEAR END OF $t34$
TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER

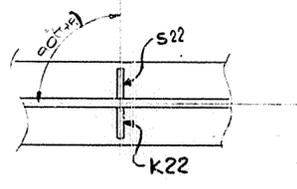
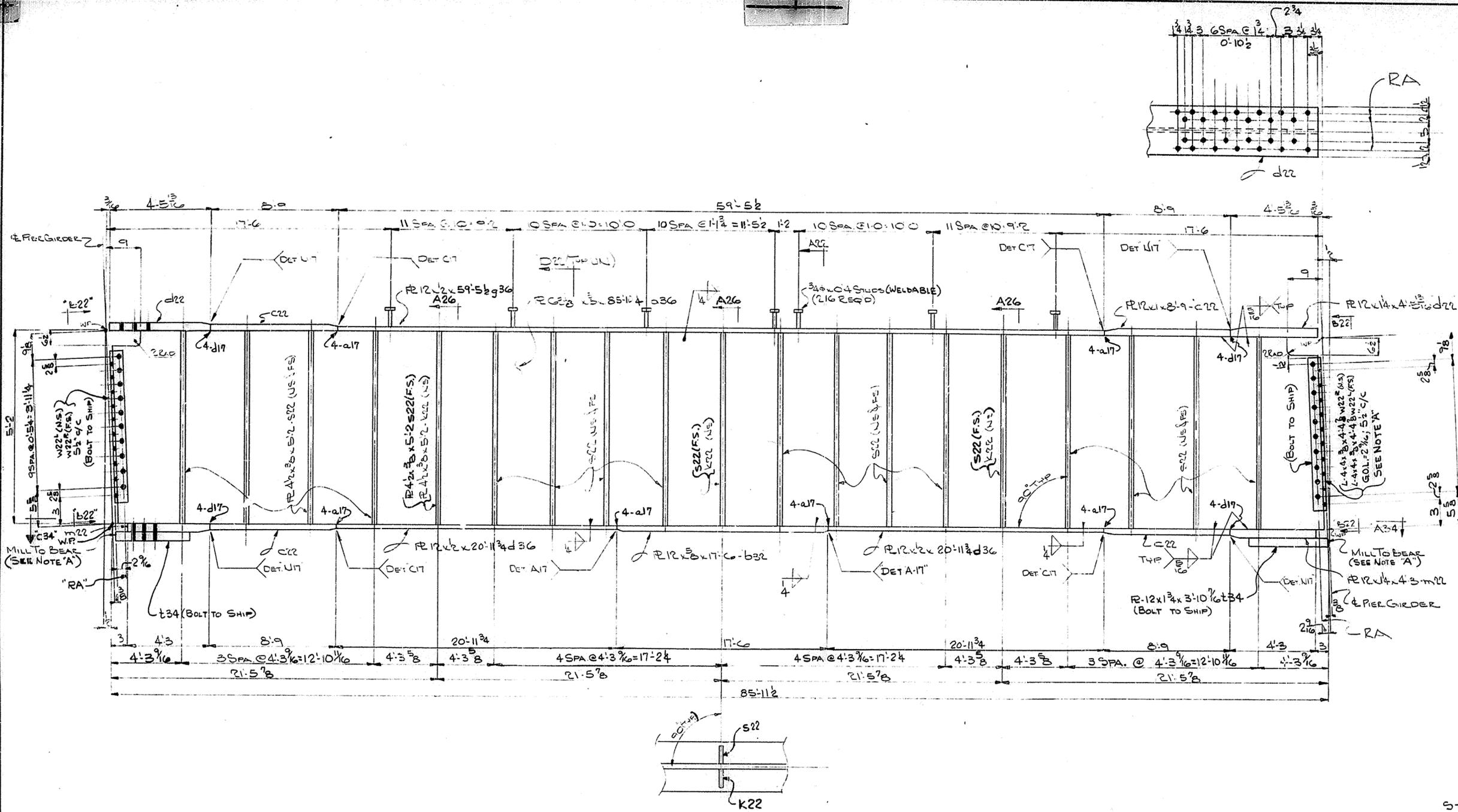
17 SPA @ 12'-8 1/2" = 214'-11 1/2"

SECT A34 (AS SHOWN)
SECT C34 (OPPOSITE)

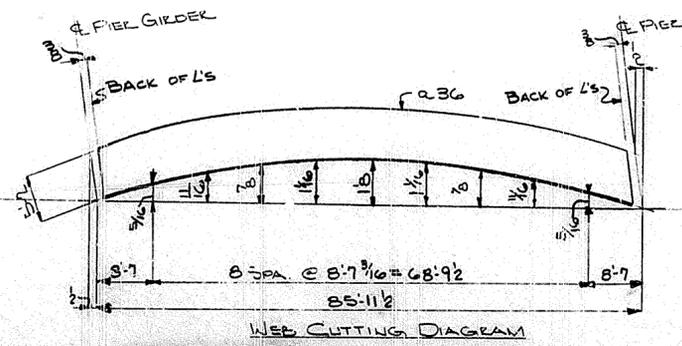
FOR GENERAL NOTES SEE SHEET G11



HOLES 1/2" & U.N. Steel to Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI	
JOB: 184 OVER K & I TRR AND 17TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 86 27375B1-PROJ. NO. 184-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRA: DR			
DRAWN BY JJE CHECKED BY [Signature] PAINT SPEC. SEE GN1		DATE 5-69 DATE 7/69 SHEET 34 OF	
REVISIONS	DATE	BY	



ONE GIRDER - MK 36 G1
(LIFTING WEIGHT - 7 TONS)



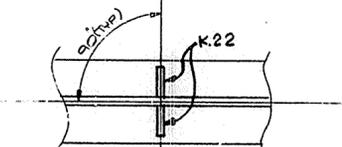
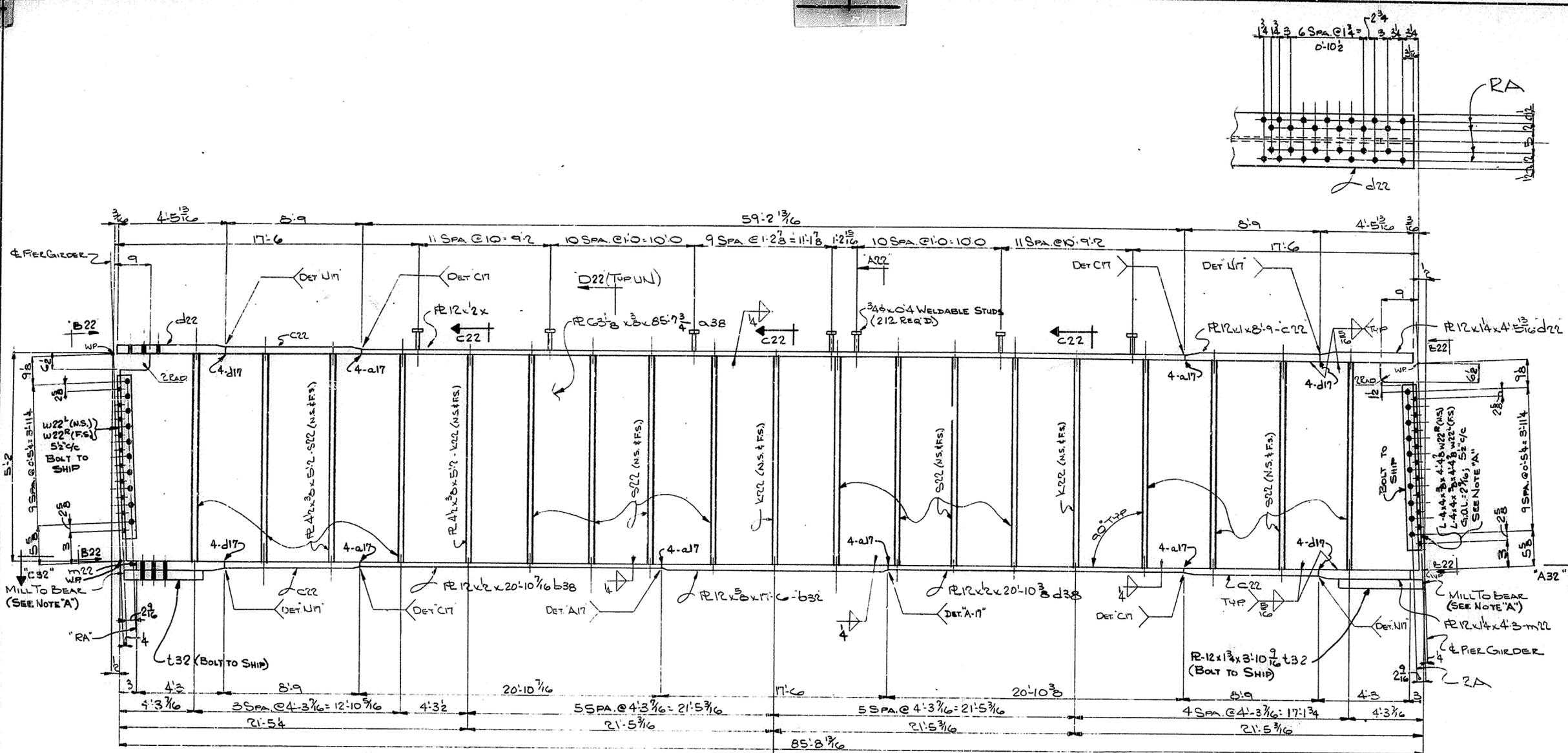
STA. 112+82
DWG. No. 16539
LETTING 1/24/69

NOTE:
"WILL TO BEAR" END OF R12x34
TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER

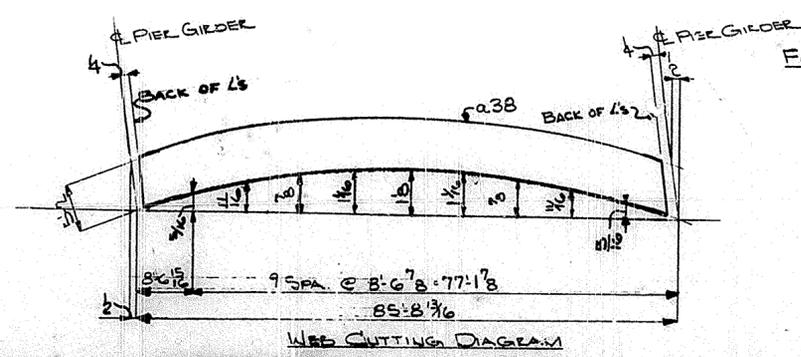
FOR GENERAL NOTES SEE SHEET G11

HOLES 1 1/2" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 12TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 2737561-PRJ. NO. 164-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS.		
CONTRACTOR		
DRAWN BY JIE	DATE 5-69	JOB NO. A2001
CHECKED BY [Signature]	DATE 7/69	SHEET
PAINT SPEC. SEE G11		36 OF
REVISIONS	DATE	BY

SPAN 4



ONE GIRDER - MK 38GI
(LIFTING WEIGHT - 7 TONS)



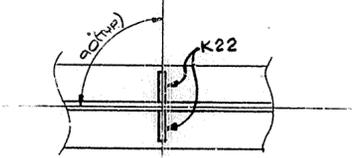
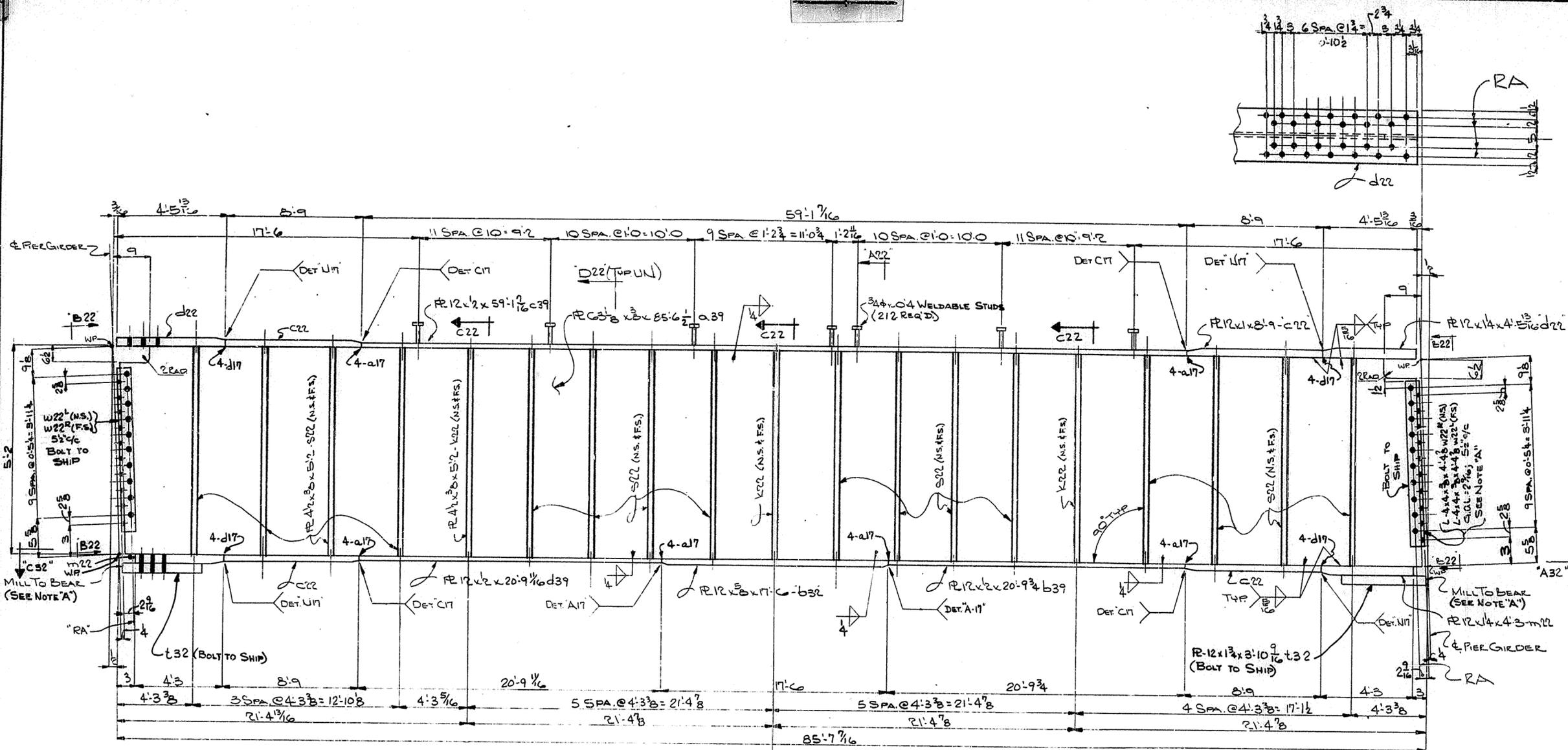
STA. 112+82
Dwg. No. 16539
LETTING 1/24/69

NOTE: A
MILL TO BEAR END OF R#32
TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER

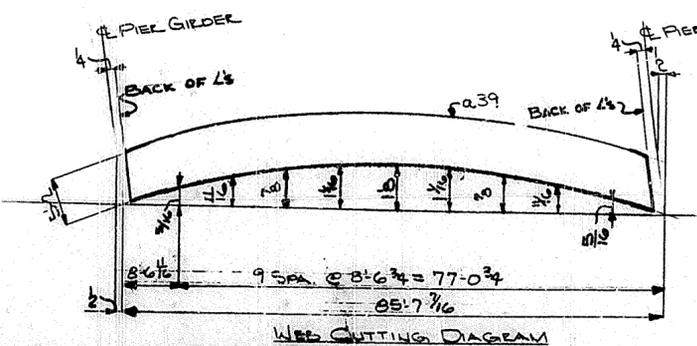
FOR GENERAL NOTES SEE SHEET 'G11'

HOLES 1/2" C& U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL <small>DIVISION OF U.S. INDUSTRIES, INC.</small>	
JOINTS OVER K & M AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 2737581 - PROJ. NO. 164-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR DRAWN BY JIE CHECKED BY JEL PRINT SPEC. SEE G11		DATE 5/69 DATE 7/69 JOB NO. A800 SHEET 38 OF	
REVISIONS	DATE		

SPAN 4



ONE GIRDER - MK 39 G1
(LIFTING WEIGHT - 7 TONS)

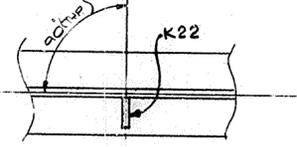
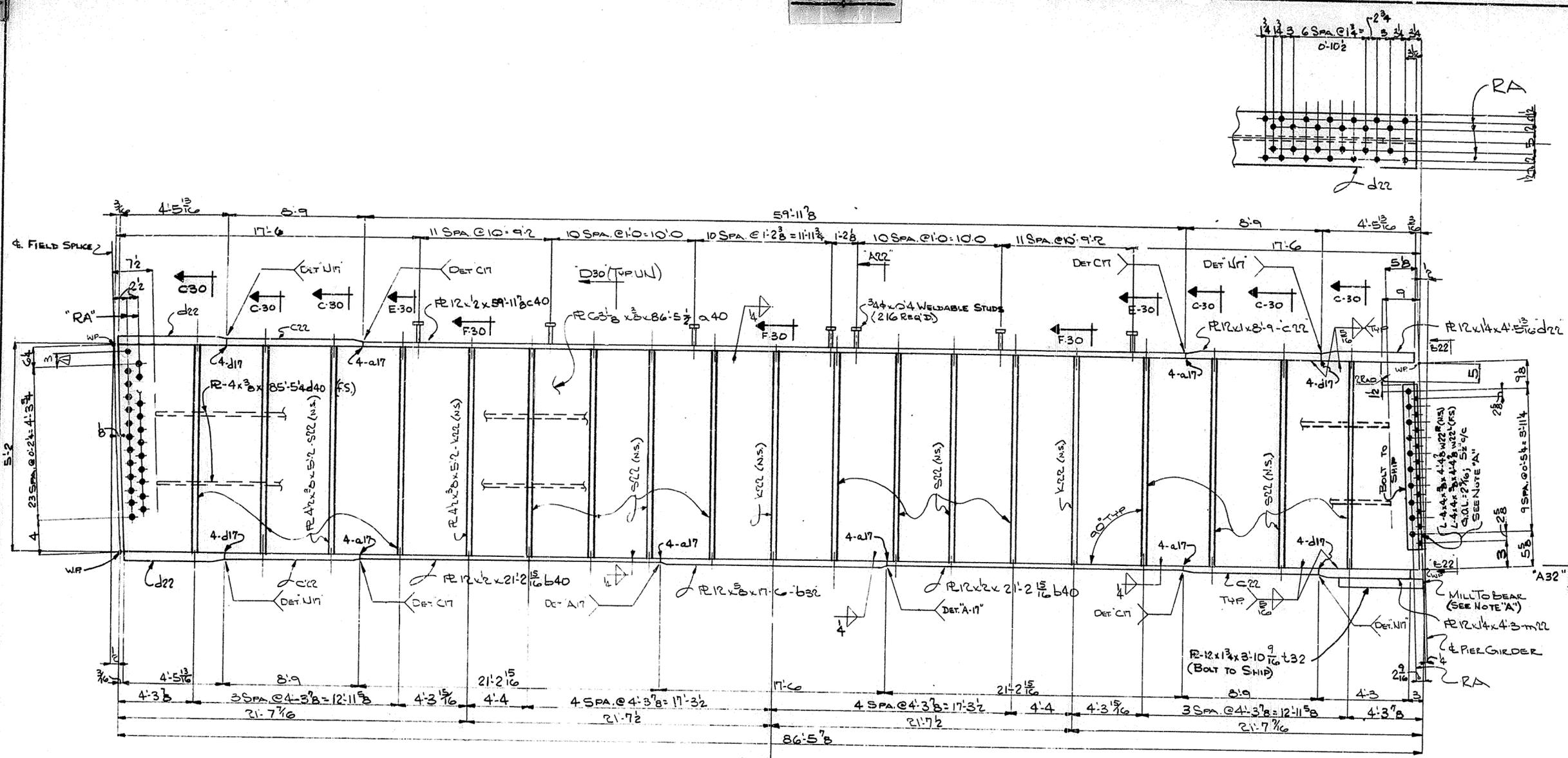


STA. 112+82
 DWG. No. 16539
 LETTING 1/24/69

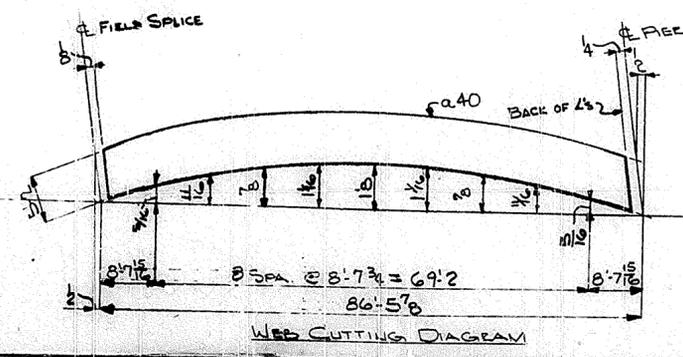
NOTES
 * MILL TO BEAR END OF R-12 x 3/8
 TO HAVE DIRECT ALIGNMENT
 WITH WEB OF TRANS. GIRDER.

FOR GENERAL NOTES SEE SHEET 'G1'

HOLES 1 1/2" & U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF INDUSTRIAL DEVELOPMENT	
JOB NO. OVER K & ITR AND 21TH STREET		CEDAR GROVE TERRACE TO 12TH STREET	
JEFFERSON COUNTY, KENTUCKY		SP 57 273 1531 - PROJ. NO. 161 - 2(64)2	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY JIE		DATE 5/69	JOB NO. A8001
CHECKED BY [Signature]		DATE 7/69	SHEET
INT. SPEC. S11 G11		39 OF	
REVISIONS	DATE		



ONE GIRDER - MK 40 G1
(LIFTING WEIGHT - 7 TONS)



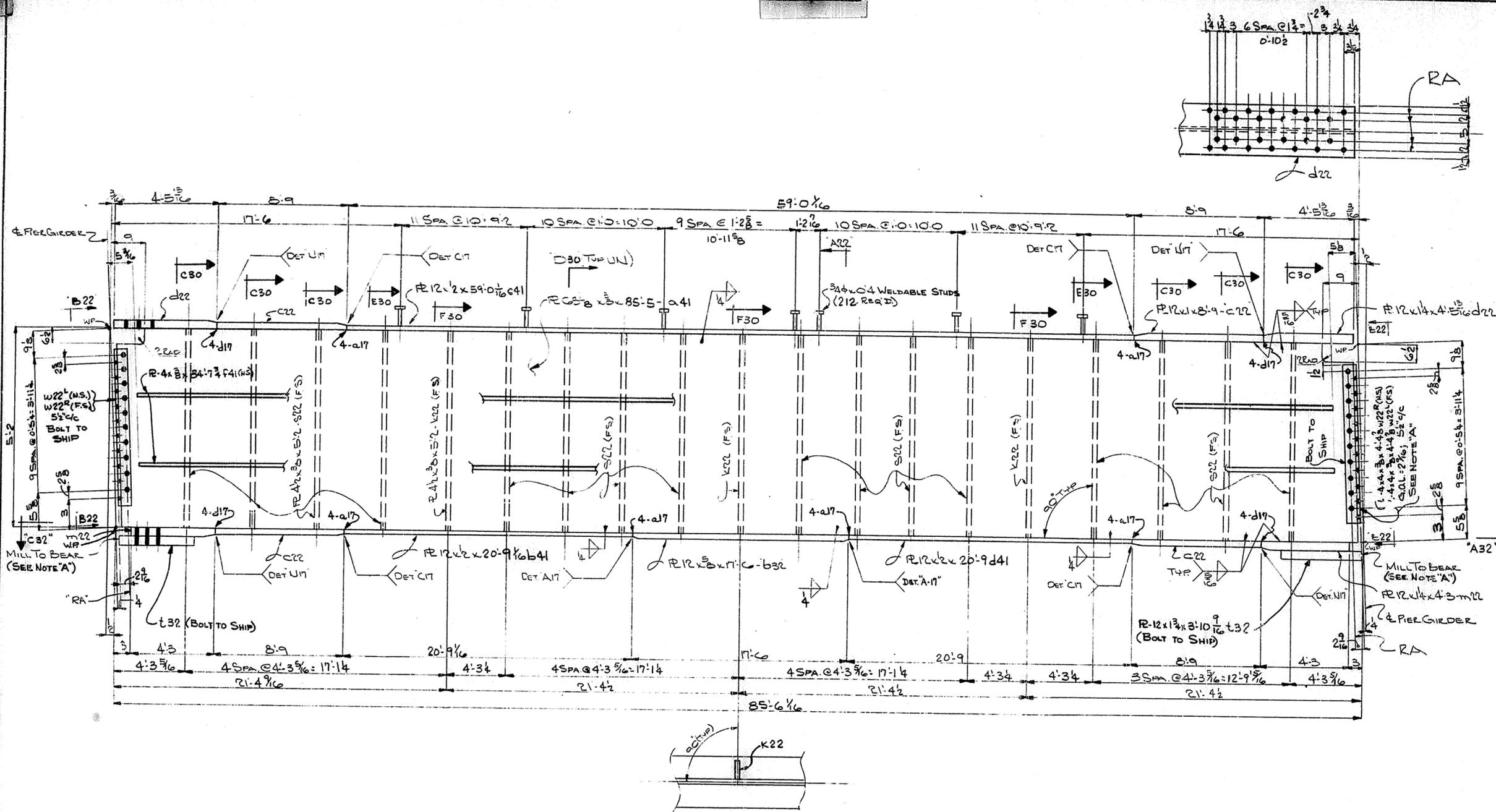
STA. 112+82
DWG. No. 10539
LETTING 1/24/69

NOTE A
*MILL TO BEAR END OF R2132,
TO HAVE DIRECT ALIGNMENT
WITH WEB OF TRANS. GIRDER

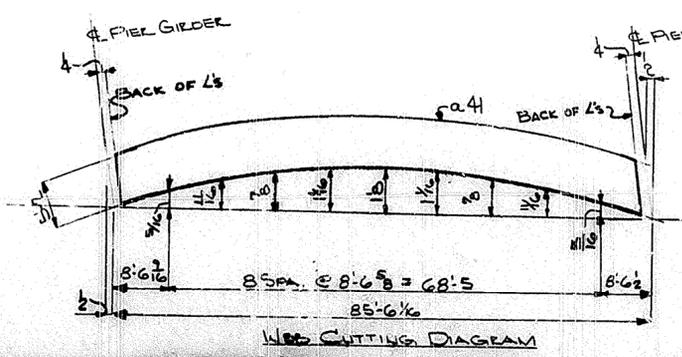
FOR GENERAL NOTES SEE SHEET G11

HOLES 5/8" U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.I. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL <small>1000 OVER Y & 11TH AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 58 273 7581- PROJ. NO. 104-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR</small>	
DRAWN BY JIE CHECKED BY [Signature] DATE 5-69 DATE 7/69	JOB NO. A8001 SHEET 40 OF	REV. [Signature] DATE [Blank]	

SPAN 4



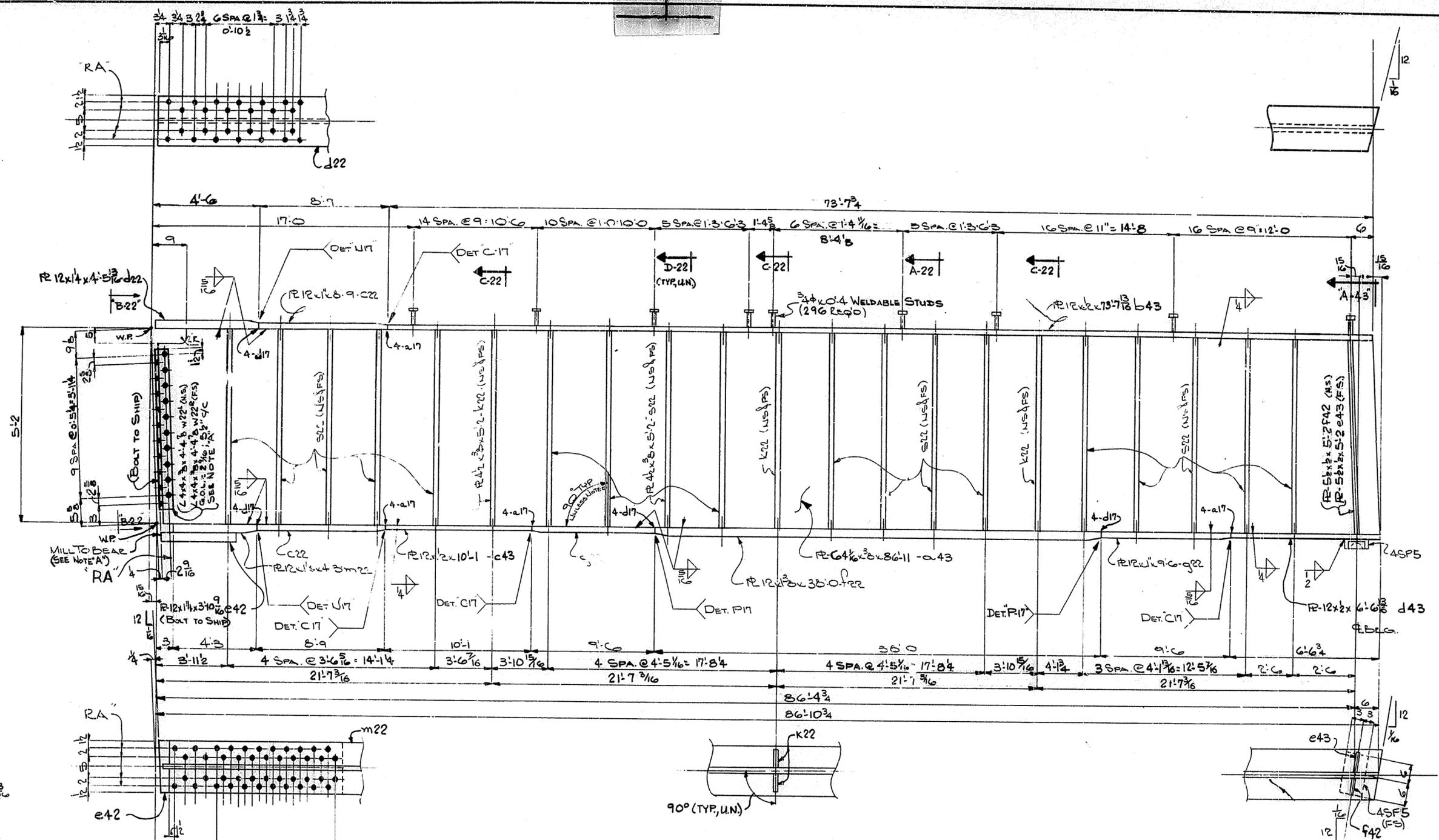
ONE GIRDER - MK 41 GI
(LIFTING WEIGHT - 7 TONS)



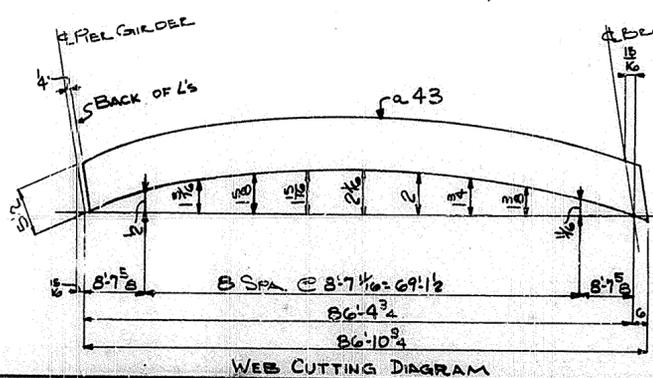
STA. 112+82
DWG. No. 16539
LETTING 1/24/69

NOTE: MILL TO BEAR END OF R-132 TO HAVE DIRECT ALIGNMENT WITH WEB OF TRANS. GIRDER.

HOLES 1/2" Ø U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI
Steel To Be Fabricated in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
JOB 164 OVER K 6 TERR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 1951 - PROJ. NO. 164-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS.		
CONTRACTOR		
DRAWN BY JIE	DATE 3-69	JOB NO. A-8001
CHECKED BY JIE	DATE 7/69	SHEET
PRINT SPEC SEE GN1		41 OF
REVISIONS	DATE	



ONE GIRDER - MK 43 G1
(LIFTING WEIGHT - 7 TONS)

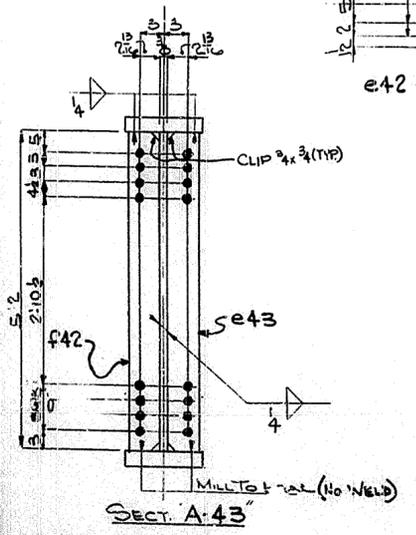


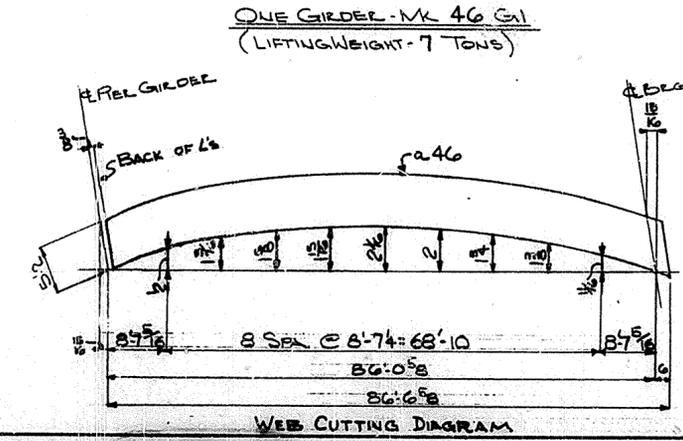
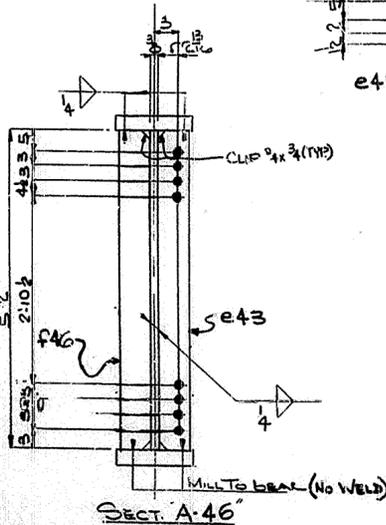
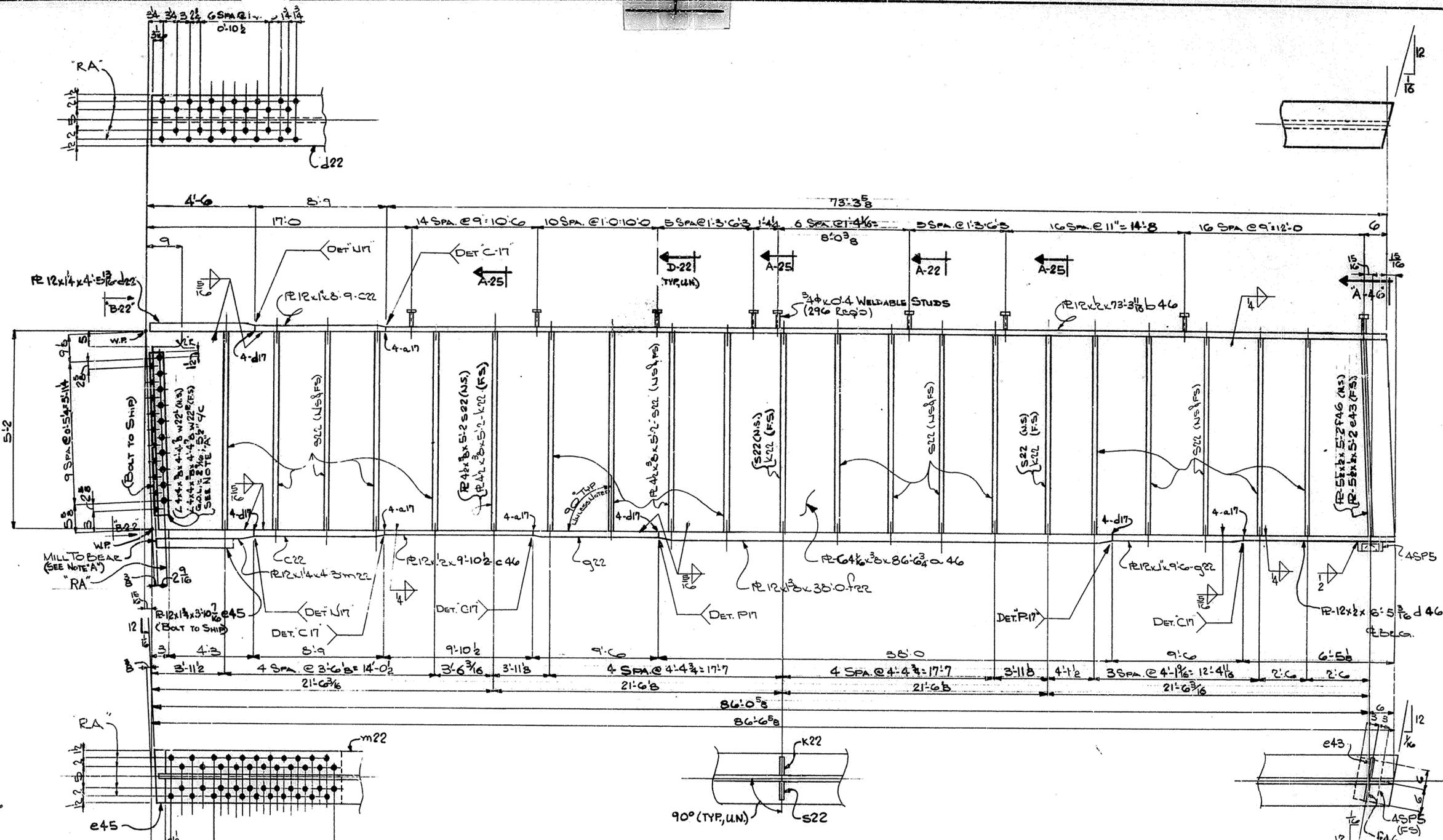
STA. 112+82
DWS. No. 16539
LETTING 1/24/69

NOTE A:
MILL TO BEAR END OF R e42
TO HAVE DIRECT ALIGNMENT WITH
WEB OF TRANS. GIRDER.

FOR GENERAL NOTES SEE SHEET GN1

HOLES 1/2" U.N.		USI TUCKER STEEL	
Steel to be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 TEB - PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY, DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE 7/69	JOB NO. A 5001	
CHECKED BY	DATE 7/69	SHEET	
PAINTS - SEE GN1		43 OF	
REVISIONS	DATE BY		





ONE GIRDER - MK 46 G1
(LIFTING WEIGHT - 7 TONS)

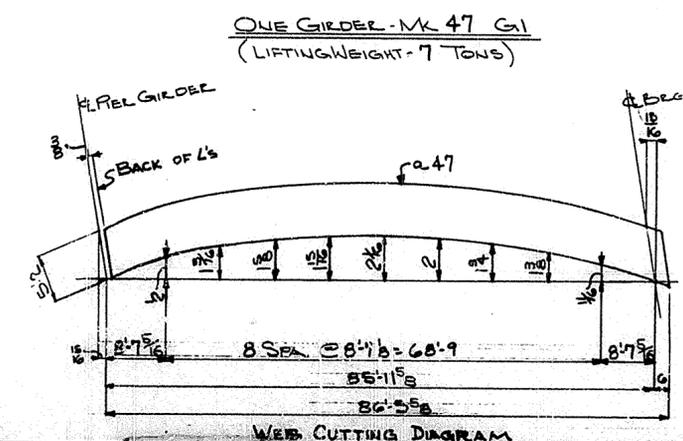
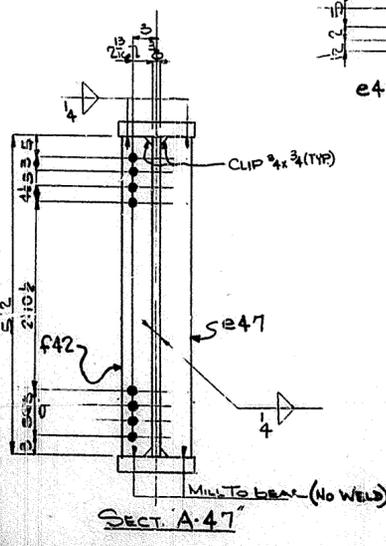
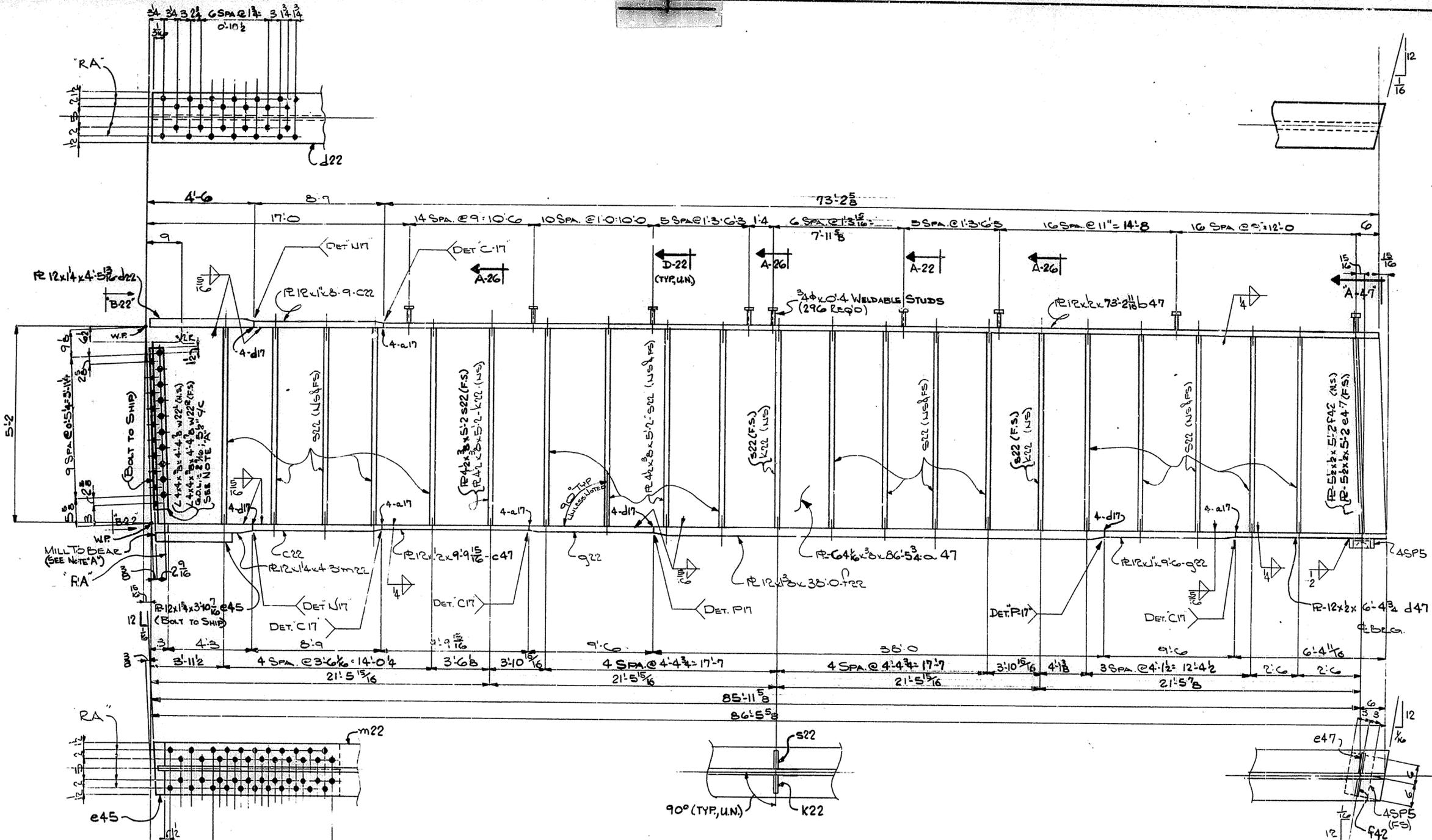
STA. 112+82
DWG. No. 16539
LETTING 1/24/69

NOTE A:
"MILL TO BEAR" END OF R 465
TO HAVE DIRECT ALIGNMENT WITH
WEB OF TRANS. GIRDER

FOR GENERAL NOTES SEE SHEET 'GN1'

HOLES 1 1/2" ± U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected in Accordance With Drawings And Specifications For A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.</small>		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 T5B1- PROJ. NO. 164-2(64)2		
ARCHITECT KENTUCKY, DEPT. OF HWYS. CONTRACTOR		
DRAWN BY <i>J.S.</i> CHECKED BY <i>J.S.</i> PAINT SPEC. SEE GN1	DATE 7/69 DATE 7/69	JOB NO. A2001 SHEET 46 OF
REVISIONS	DATE	BY

SMNS



ONE GIRDER - MK 47 G1
(LIFTING WEIGHT - 7 TONS)

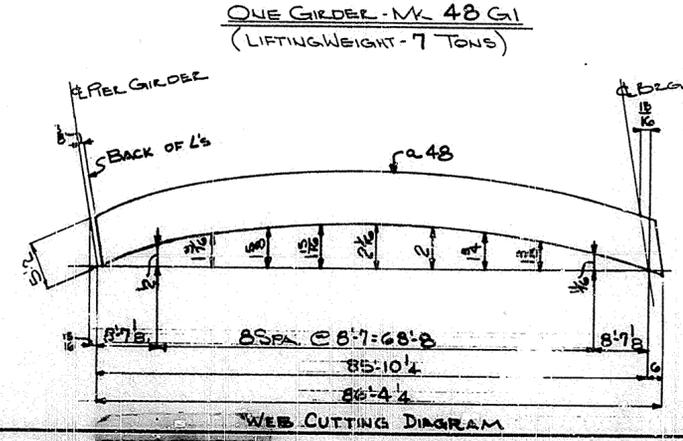
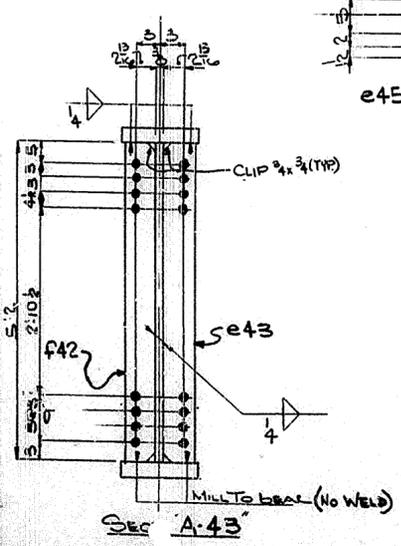
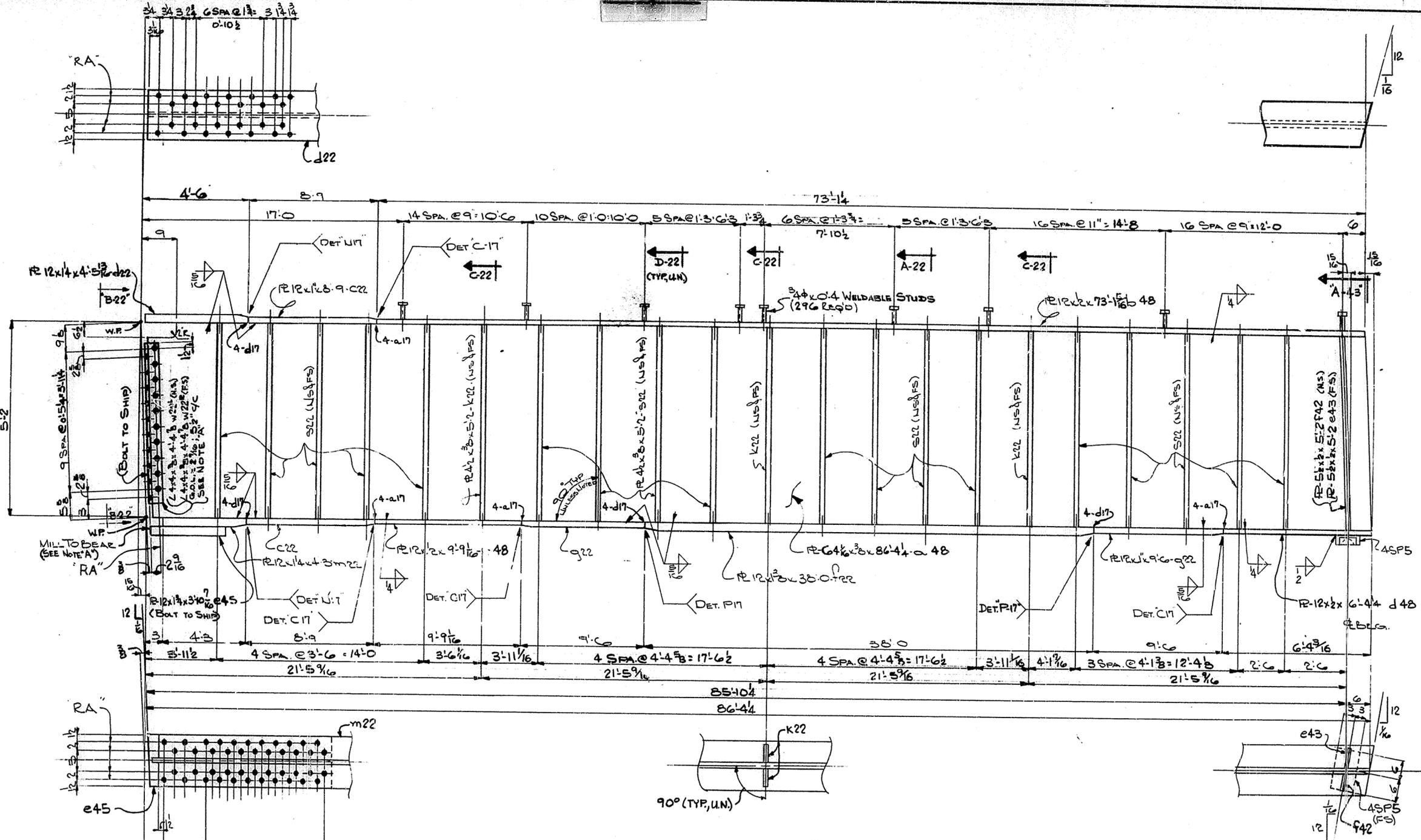
STA. 112+82
DWG. No. 16539
LETTING 1/24/69

NOTE 'A':
MILL TO BEAR END OF R 245
TO HAVE DIRECT ALIGNMENT WITH
WEB OF TRANS. GIRDER

FOR GENERAL NOTES SEE SHEET 'GN1'

HOLES 1/2" φ U.N. <small>Steel to be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will be Accepted.</small>		USI TUCKER STEEL <small>DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI</small>	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 86 273 7581- PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY <i>[Signature]</i>	DATE 7/62	JOB NO. A 5001	
CHECKED BY <i>[Signature]</i>	DATE 7/69	SHEET	
PAINT SPEC. SEE GN1		47 OF	
REVISIONS	DATE	BY	

SMNS



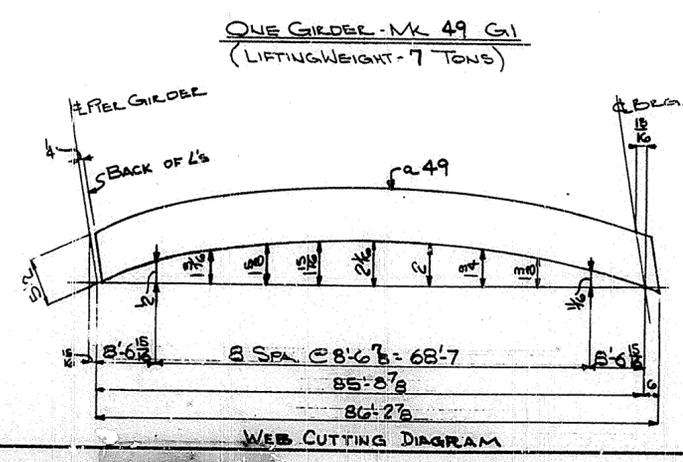
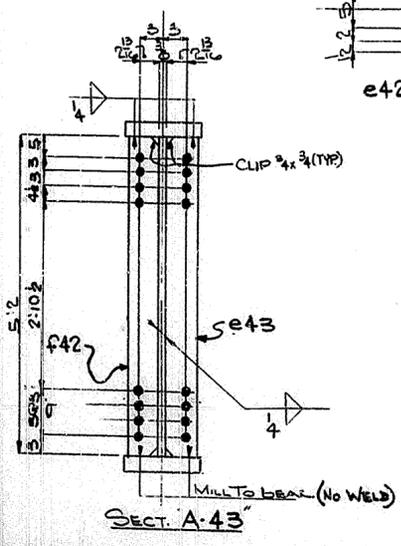
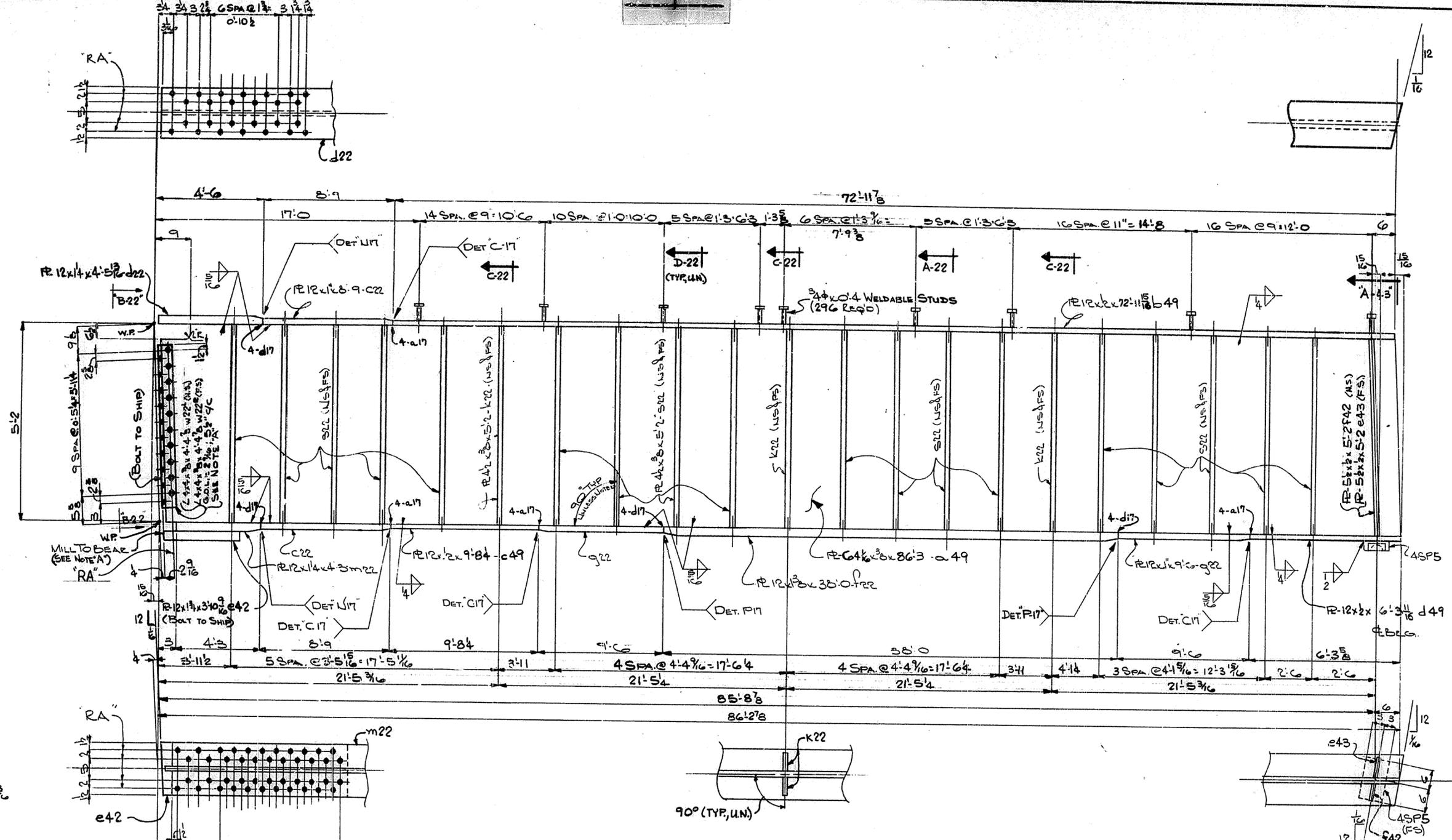
STA. 112+82
 DWG. NO. 16539
 LETTING 1/24/69

NOTE A:
 "MILL TO BEAR" END OF R-45
 TO HAVE DIRECT ALIGNMENT WITH
 WEB OF TRANS. GIRDER.

FOR GENERAL NOTES SEE SHEET "GNI"

USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 751 - P.O.J. NO. 164-2(64)2	
ARCHITECT KENTUCKY DEPT. OF HWYS.	
CONTRACTOR	
DRAWN BY: <i>[Signature]</i>	DATE: 1/69
CHECKED BY: <i>[Signature]</i>	DATE: 7/69
PAINT SPEC. <i>[Signature]</i>	JOB NO. A-5001
REVISIONS DATE BY	SHEET 48 OF

16
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STA. 112+82
 DWG. No. 16539
 LETTING 1/24/69

NOTE 'A':
 MILL TO BEAR END; OFFER E42
 TO HAVE DIRECT ALIGNMENT WITH
 WEB OF TRANS. GIRDER.

FOL GENERAL NOTES SEE SHEET 'GN1'

HOLES TO U.N.

Steel To Be Erected in Accordance With Drawings And Specifications For A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

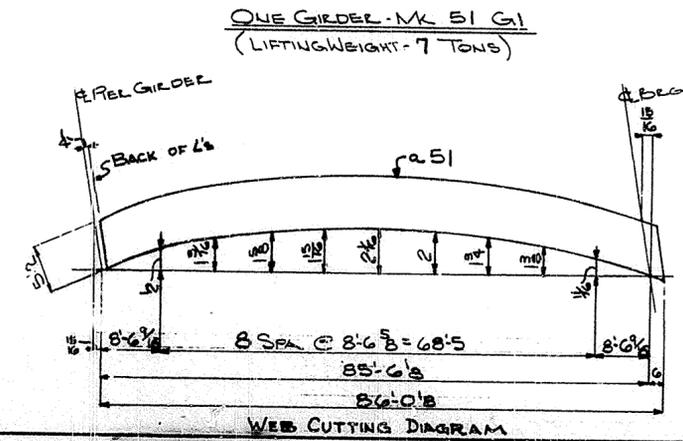
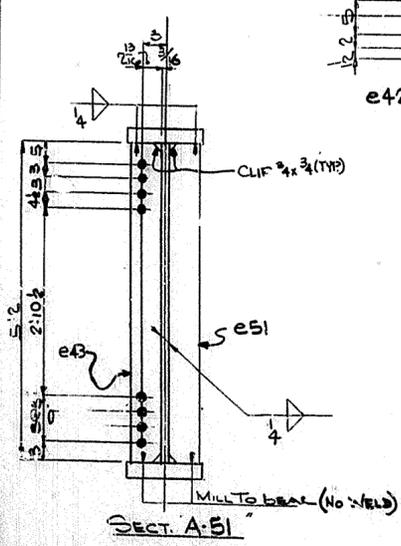
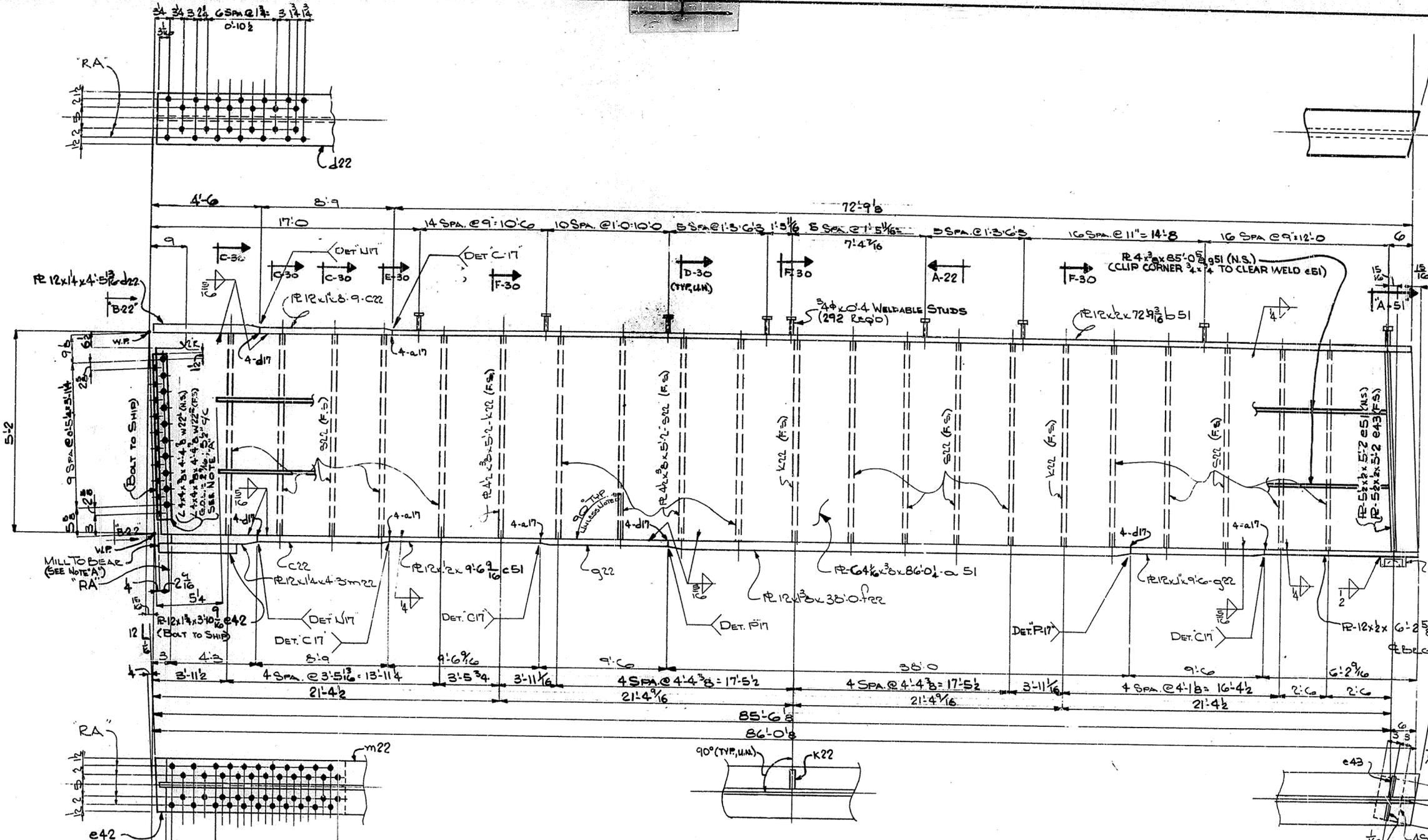
USI TUCKER STEEL
 DIVISION OF U.S. INDUSTRIES, INC.
 KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: I64 OVER K & I TRR AND 27TH STREET
 CEDAR GROVE TERRACE TO 13TH STREET
 JEFFERSON COUNTY, KENTUCKY
 SP 56 273 1581 - PROJ. NO. 164-2(642)

ARCHITECT KENTUCKY, DEPT. OF HWYS.
 CONTRACTOR

DRAWN BY *JB* DATE 7/69 JOB NO. A5001
 CHECKED BY *ZEY* DATE 7/69 SHEET 49 OF
 PAINT SPEC. SEE GN1

REVISIONS	DATE	BY



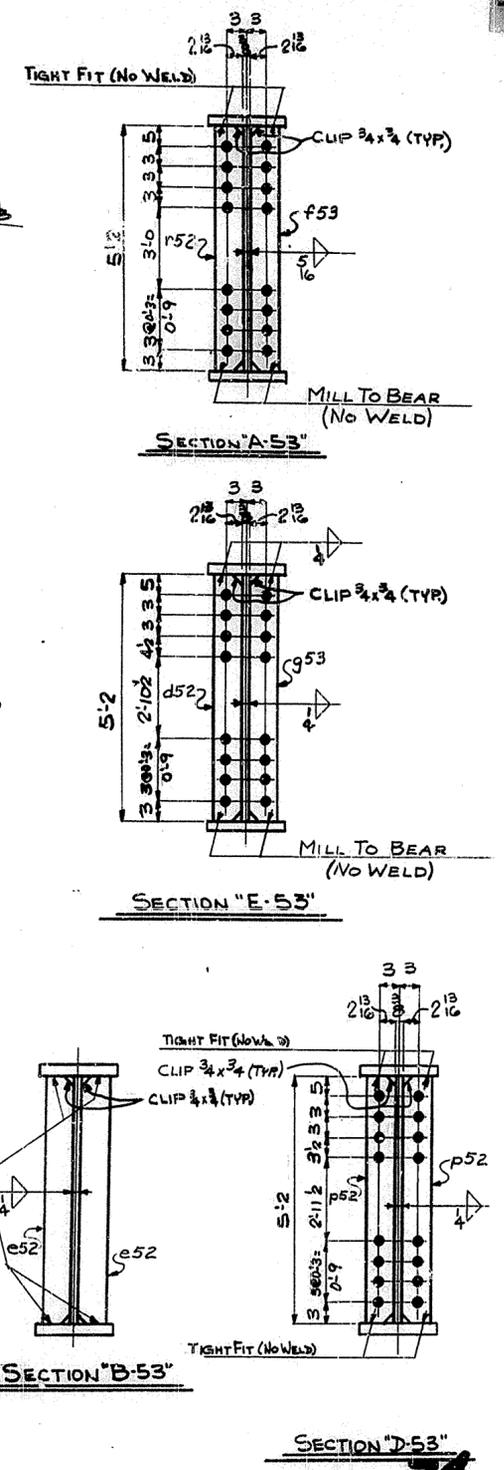
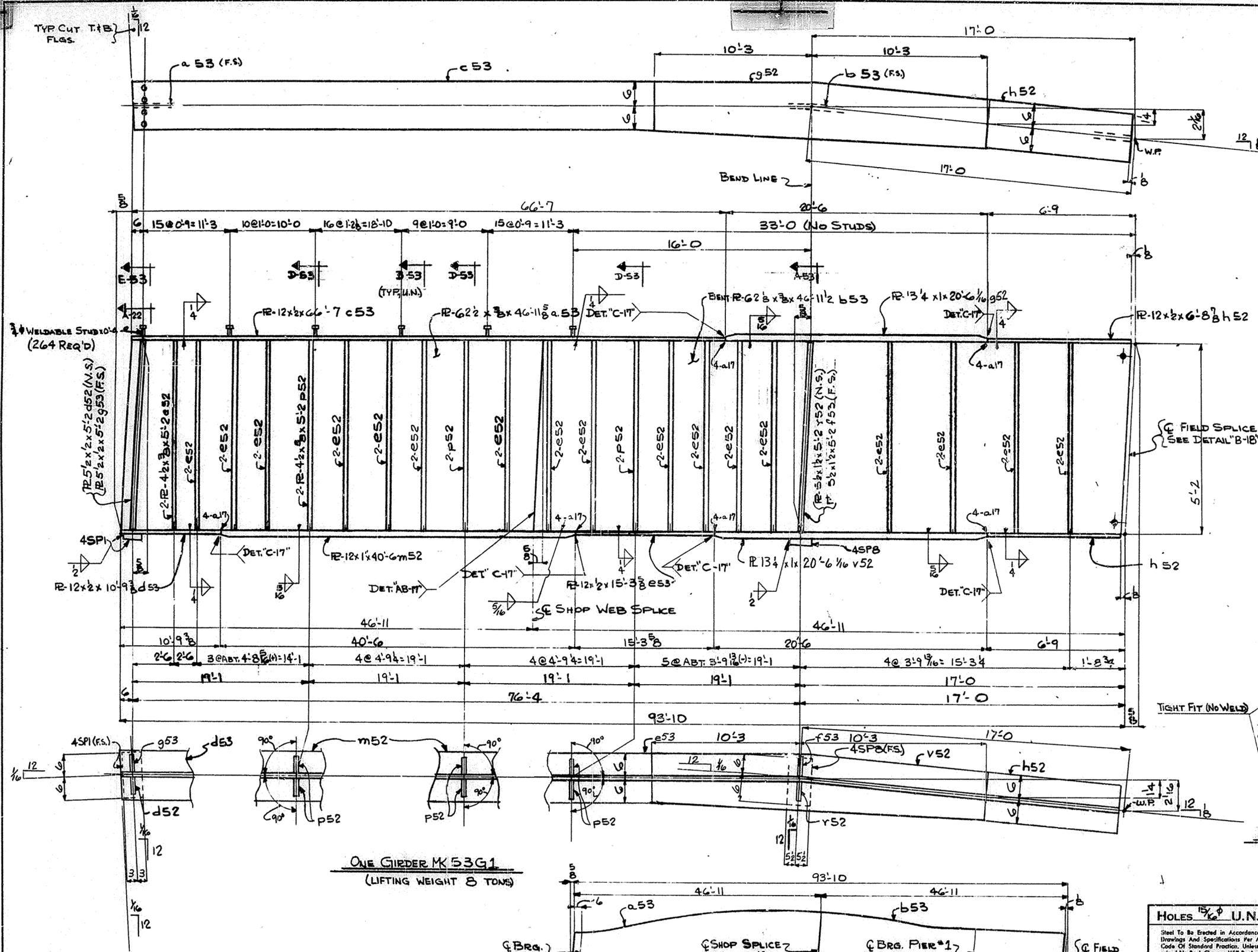
STA. 112+82
 DWG. No. 16539
 LETTING 1/24/69

NOTE A:
 MILL TO BEAR END OF FR e42
 TO HAVE DIRECT ALIGNMENT WITH
 WEB OF TRANS. GIRDER.

FOR GENERAL NOTES, SEE SHEET 'GN1'

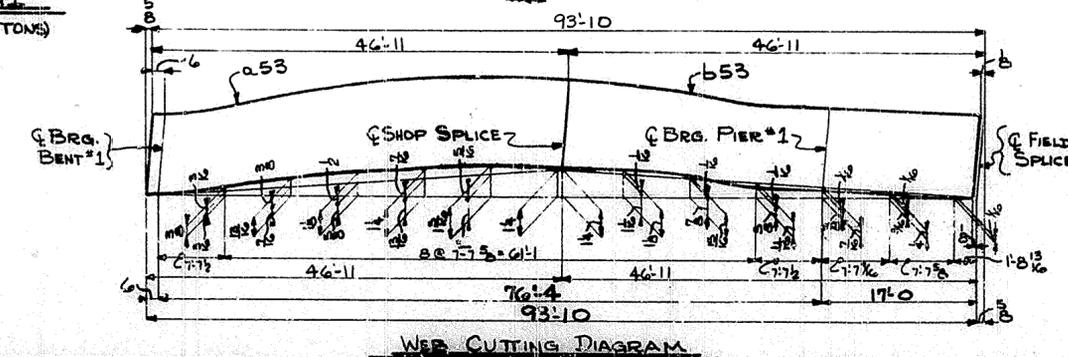
HOLES $\frac{1}{2}$ U.N.			TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>			
JOB: 164 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 36 273 75B1 - PROJ. NO. 134-2(64)2			
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:			
DRAWN BY: <i>[Signature]</i> DATE: 7/69		JOB NO. A5001	
CHECKED BY: <i>[Signature]</i> DATE: 7/69		SHEET	
PAINT SPEC. SEE GN1		51 OF	
REVISIONS	DATE	BY	

SPANS



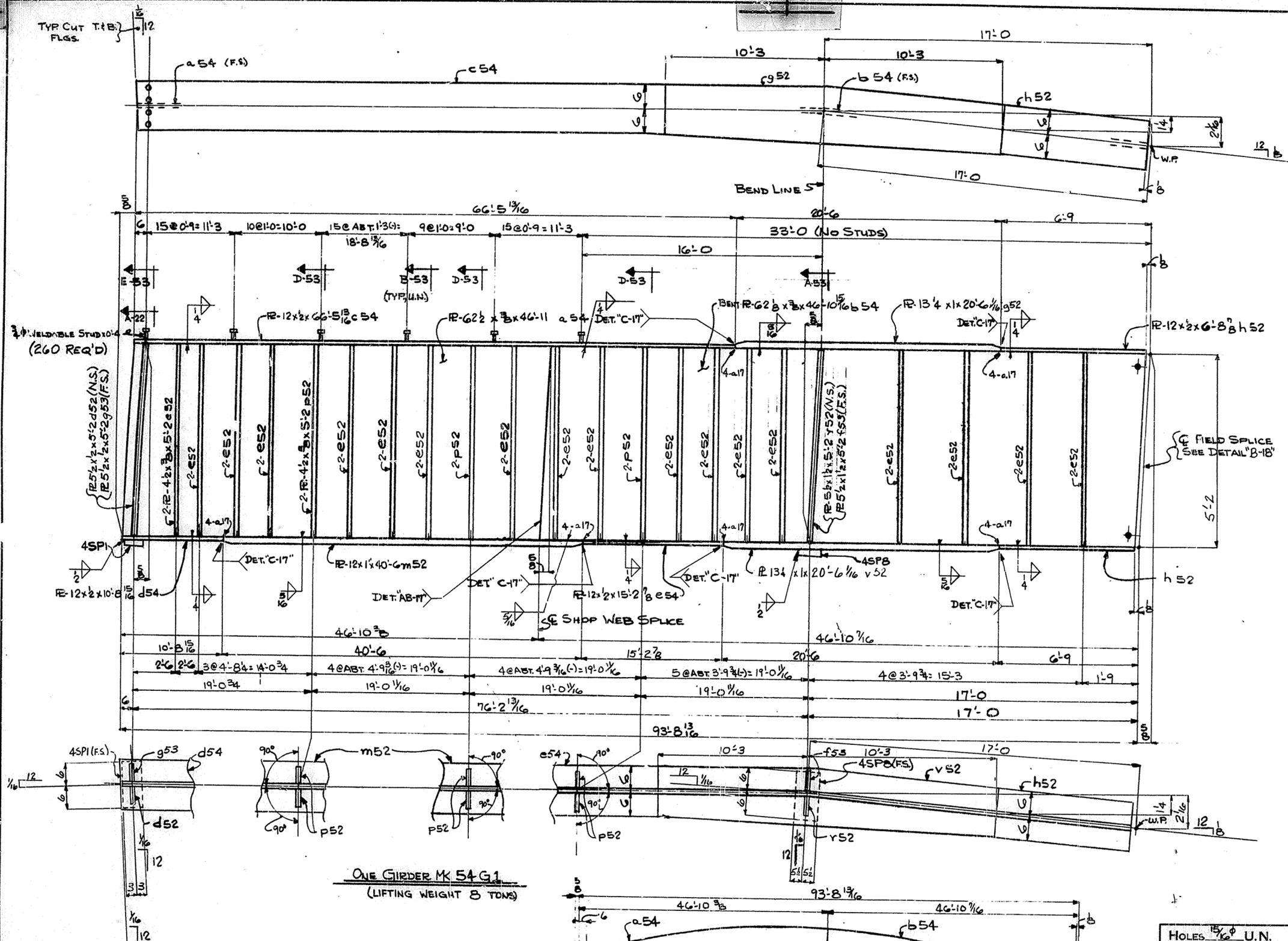
ONE GIRDER MK 53G1
(LIFTING WEIGHT 8 TONS)

NOTE:
FOR GENERAL NOTES SEE SHEET G N 1



HOLES $\frac{15}{16}$ " U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
 		JOB: 164 CVLR K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7561 PROJ. NO. 164-2(6)2	
DRAWN BY		DATE 5/69	JOB NO. A8001
CHECKED BY		DATE 6/69	SHEET
PAINT TO SEE G.N.1		53 OF	
REVISIONS	DATE	BY	

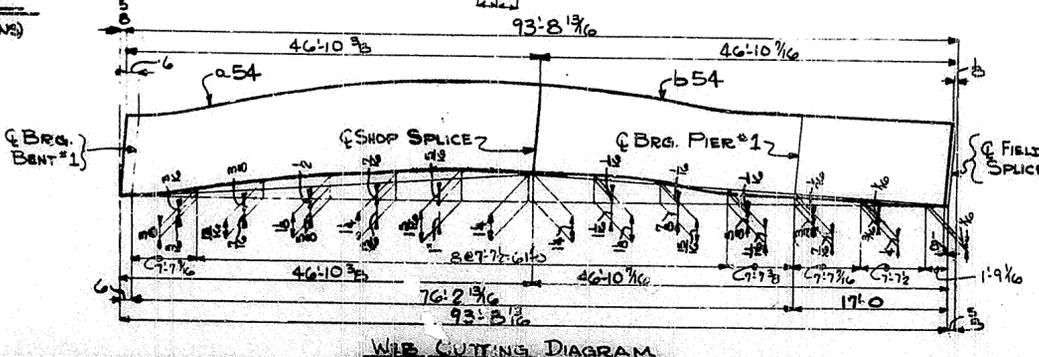
SPAN 1



FIELD STUDY (260 REQ'D)

ONE GIRDER MK 54 G1
(LIFTING WEIGHT 8 TONS)

NOTE:
FOR GENERAL NOTES SEE SHEET GN1



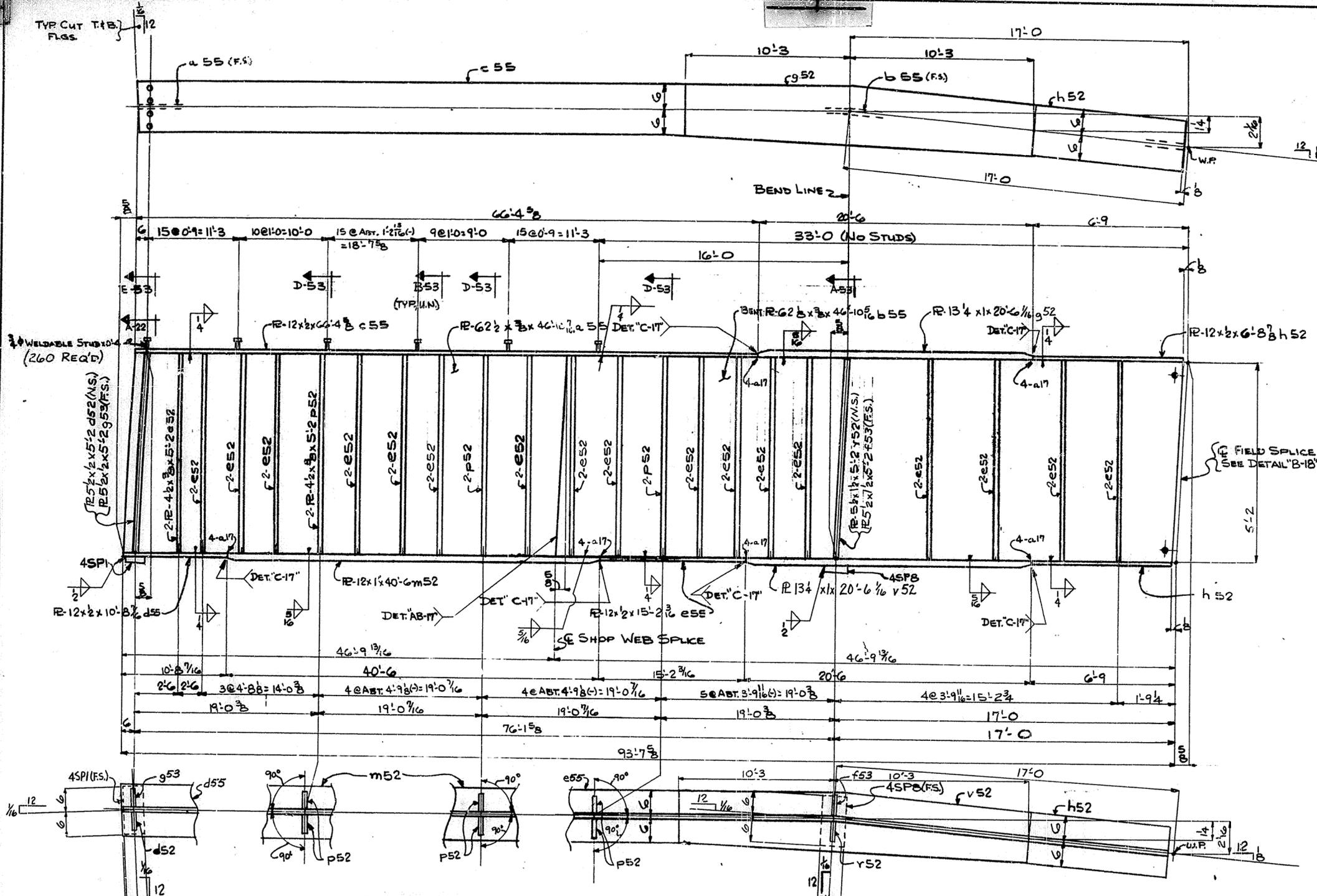
WEB CUTTING DIAGRAM

HOLES 1 1/2" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.			
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 164-2(412)			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY <i>SPB</i>		DATE 5/63	
CHECKED BY <i>SPB</i>		DATE 6/69	
PAINT SPEC. SEE GN1		JOB NO. A8001	
REVISIONS		DATE BY	
		SHEET 54 OF	

75

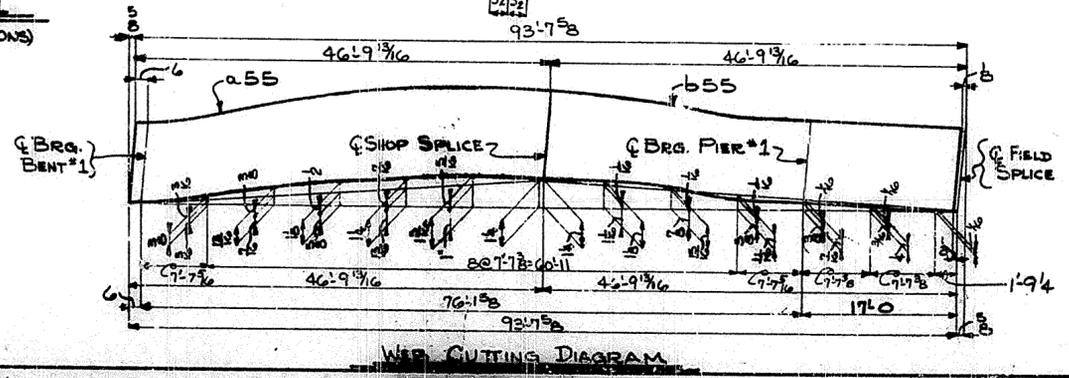
SPAN1

TYP CUT T.F.B.
FLSS



ONE GIRDER MK 55 G1
(LIFTING WEIGHT 8 TONS)

NOTE:
FOR GENERAL NOTES SEE SHEET GNI

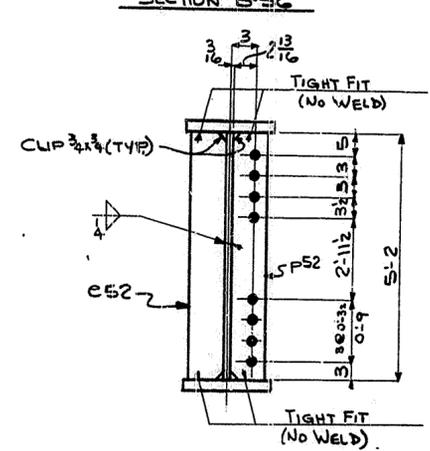
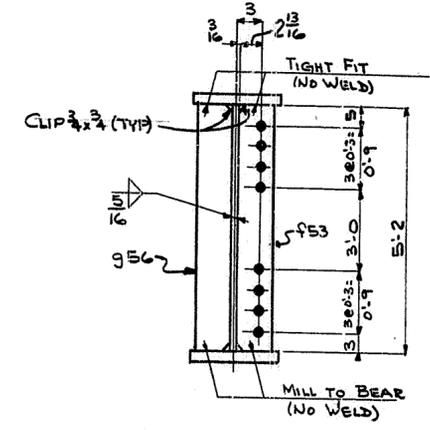
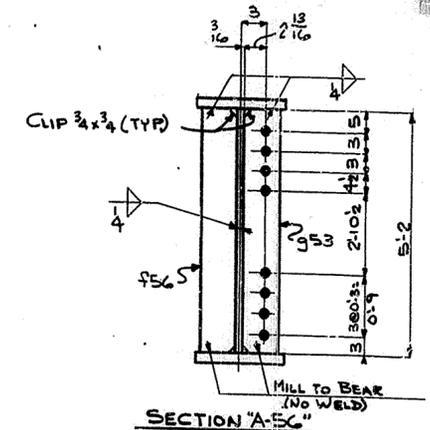
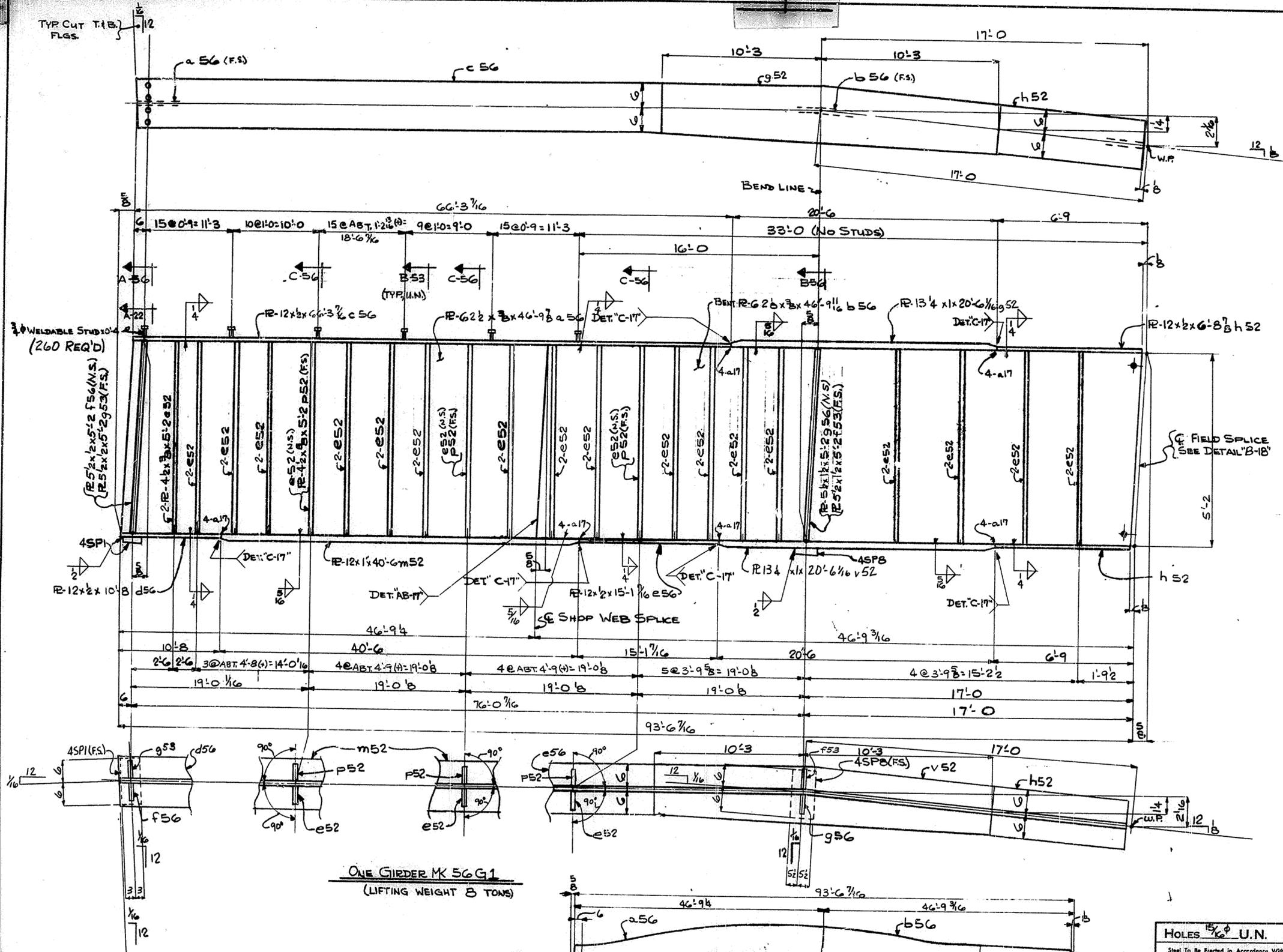


WEB CUTTING DIAGRAM

HOLES $\frac{5}{16}$ " U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Shall Be Erected in Accordance With Drawings And Specifications Per A.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 184-2(64)2		
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR		
DRAWN BY <i>DB</i> CHECKED BY <i>DB</i> PAINT SPEC. SER GNI	DATE 5/69 DATE 6/69	JOB NO. A8001 SHEET 55 OF
REVISIONS	DATE	BY

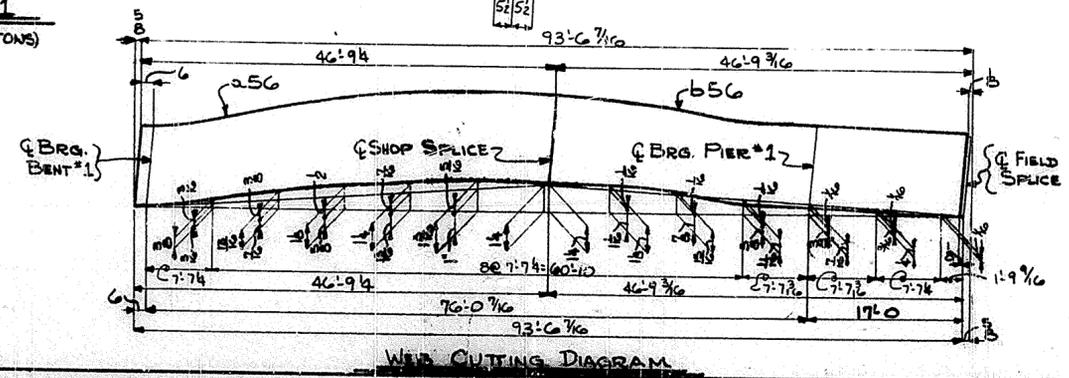
76

SPAN 1



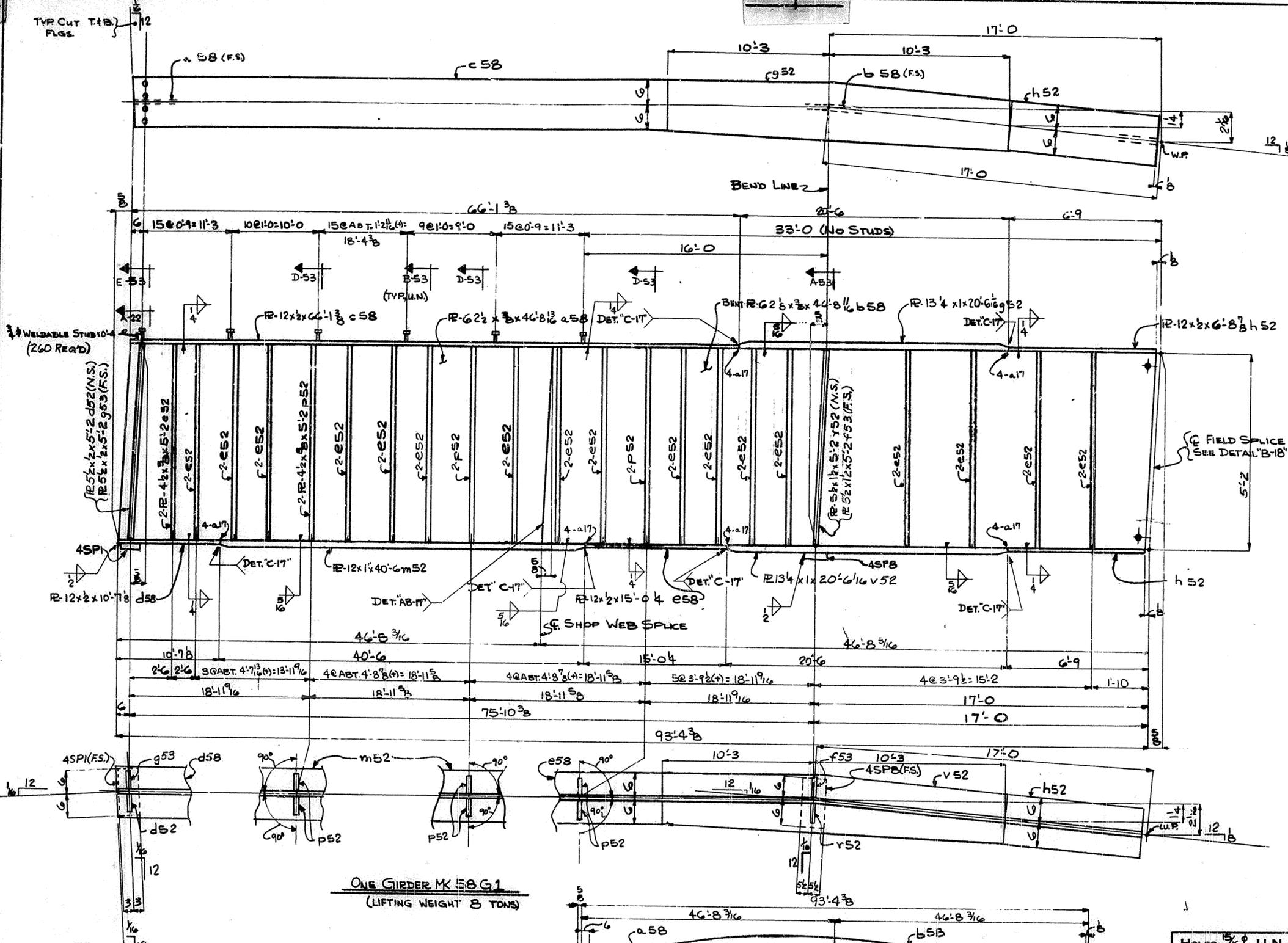
ONE GIRDER MK 56 G1
(LIFTING WEIGHT 8 TONS)

NOTE:
FOR GENERAL NOTES SEE SHEET G N1



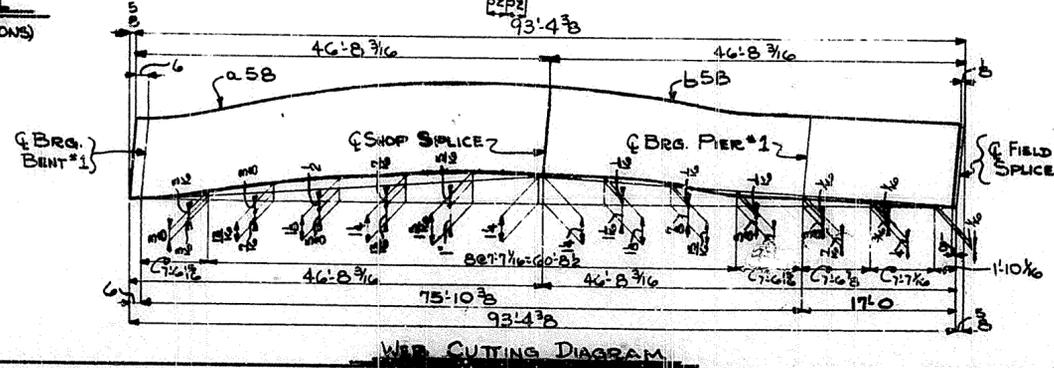
HOLES 15/16" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Rock Changes Will Be Accepted.			
		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 - PROJ. NO. 164-2 (472)	
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR		DRAWN BY <i>OB</i> DATE 5/69 JOB NO. A8001 CHECKED BY <i>OB</i> DATE 6/69 SHEET PAINT SPEC. SEE G N1 56 OF	
REVISIONS	DATE	BY	

TYR CUT T(18)
FLGS.



ONE GIRDER MK 58 G1
(LIFTING WEIGHT 8 TONS)

NOTE:
FOR GENERAL NOTES SEE SHEET G N I



WEB CUTTING DIAGRAM

HOLES $\frac{5}{16}$ " U.N.
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized In Back Charges Will Be Accepted.

79

USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

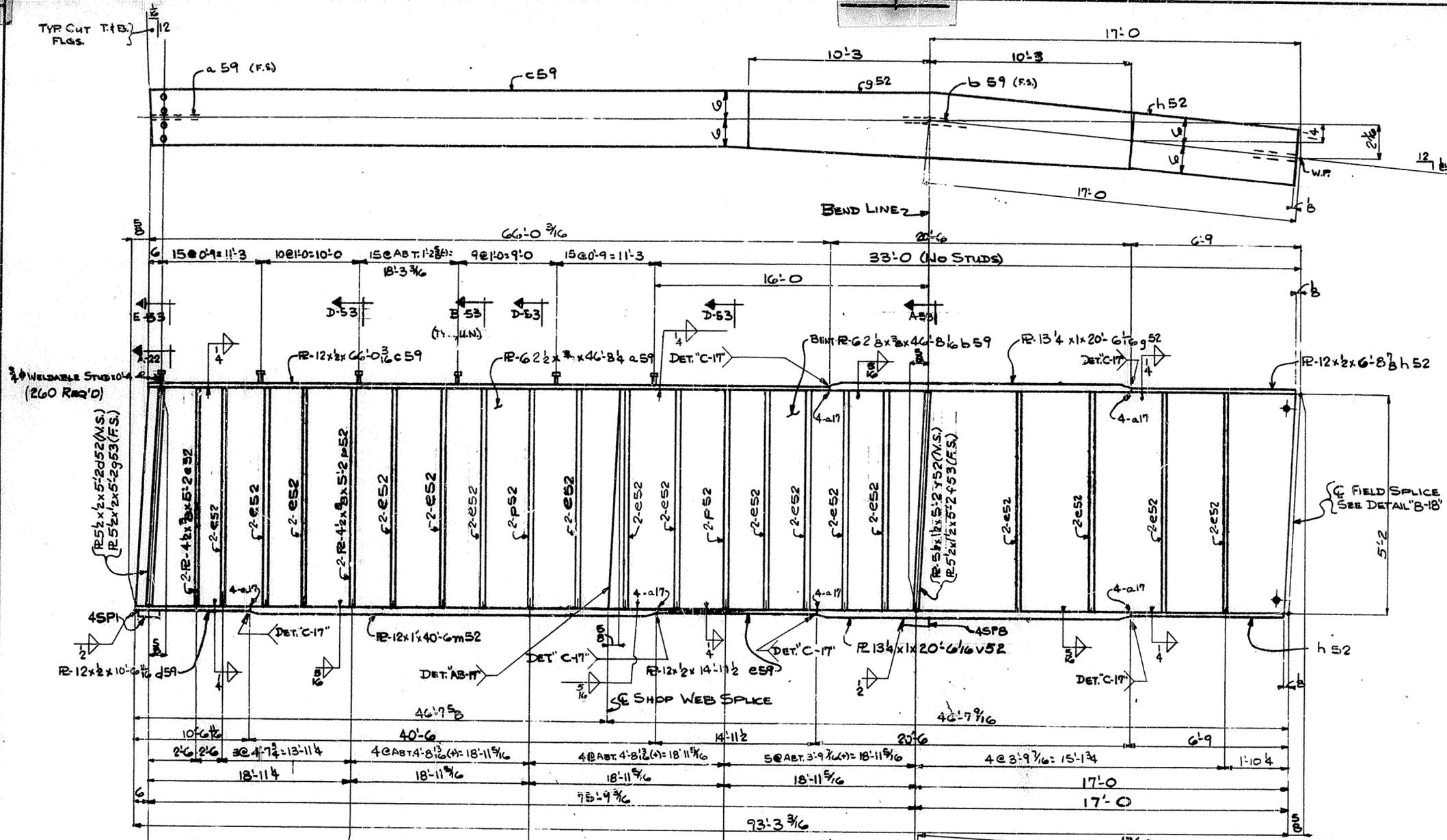
JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 58 273 7581 - PROJ. NO. 164-2(64)2

ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

DRAWN BY *DB* DATE 5/69 JOB NO. A10001
CHECKED BY *DB* DATE 6/69 SHEET
PAINT SPEC. SEE G N I 58 OF

REVISIONS	DATE	BY

TYP CUT T-1B
FLS.

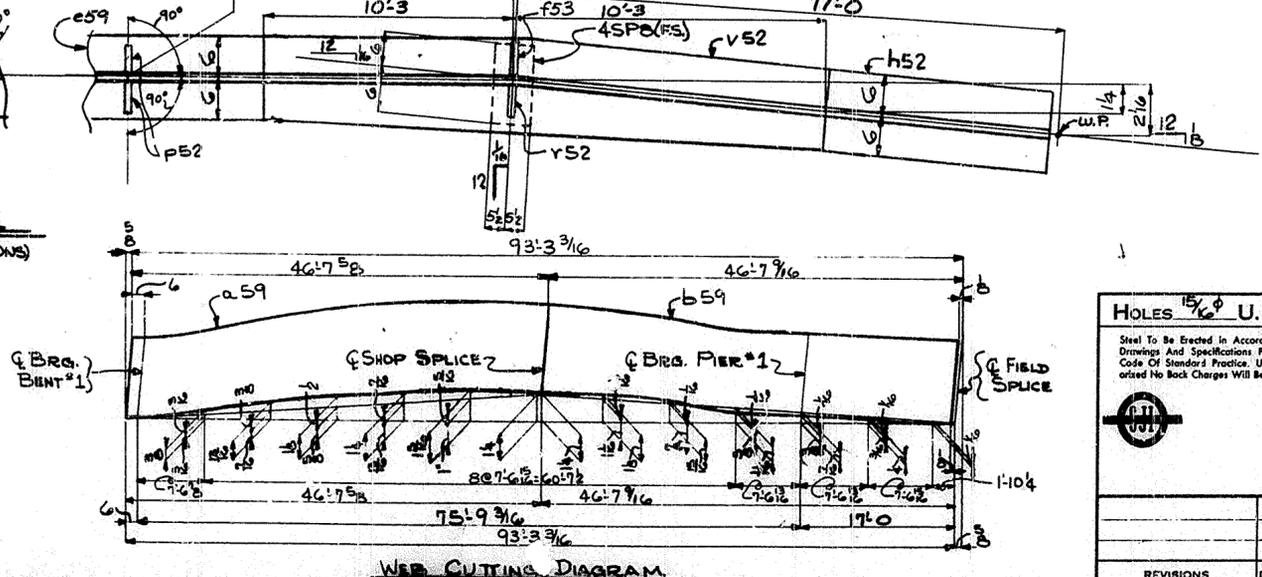


WELDABLE STUDS
(260 REQ'D)

FIELD SPLICE
(SEE DETAIL 'B-B')

ONE GIRDER MK 59 G1
(LIFTING WEIGHT 8 TONS)

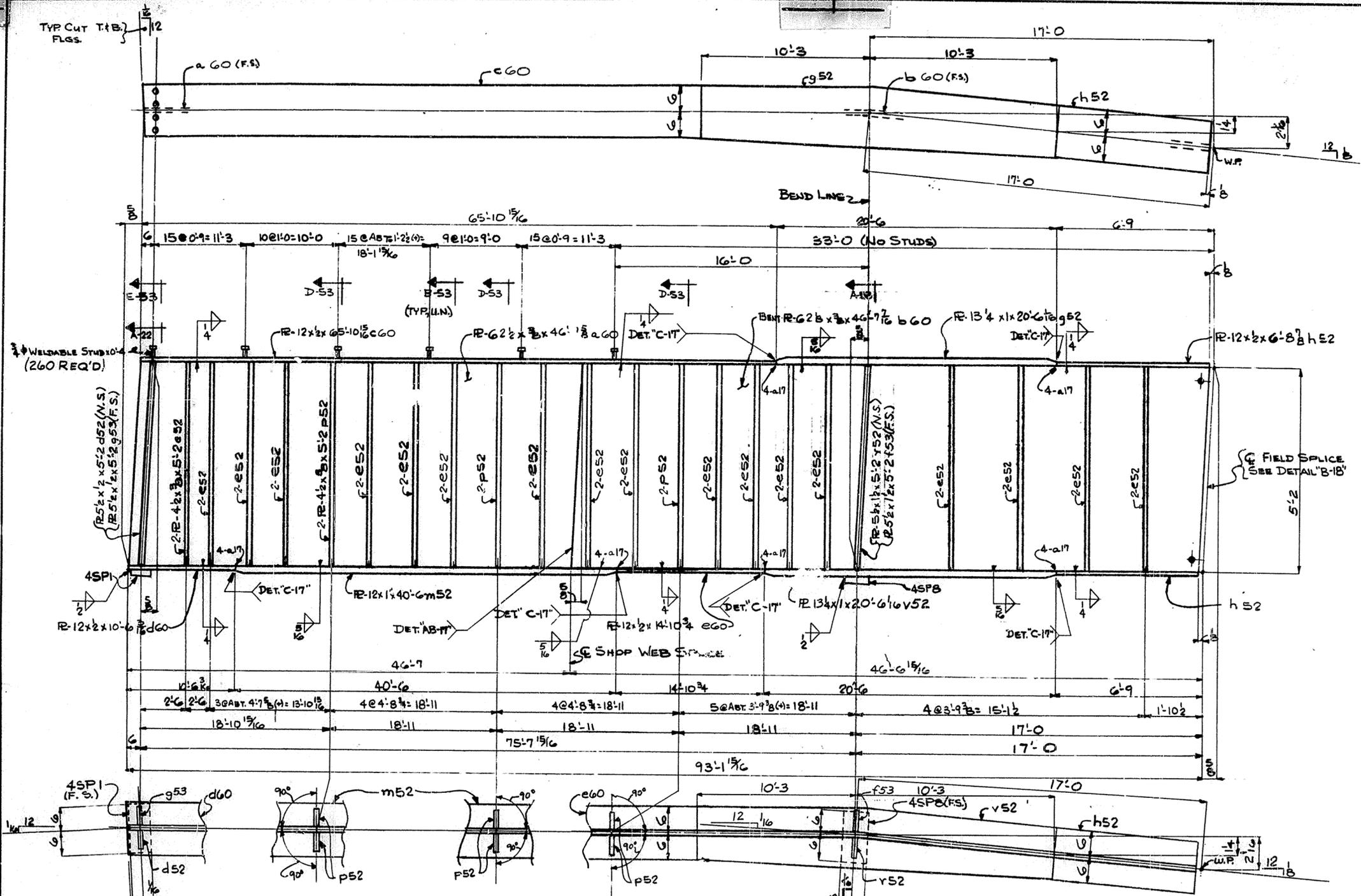
NOTE:
FOR GENERAL NOTES SEE SHEET G1



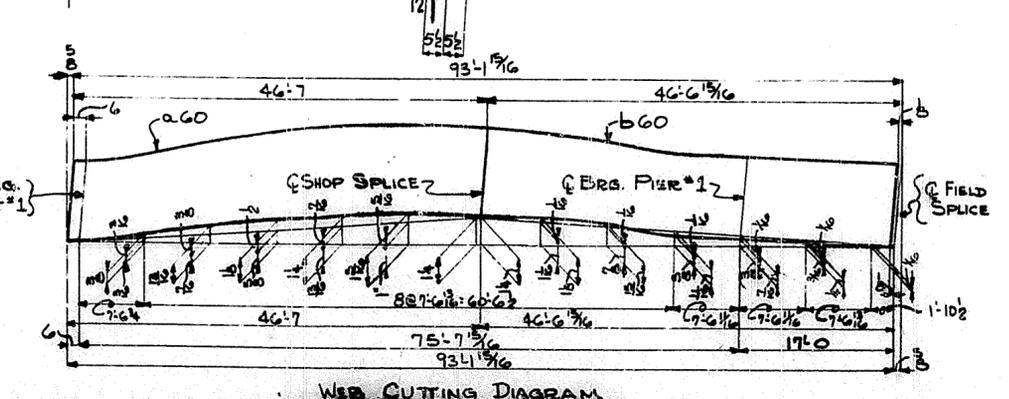
WEB CUTTING DIAGRAM

HOLES $\frac{15}{16}$ U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.			
		JOB: 184 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7561 - PROJ. NO. 184-2(64)2	
CONTRACTOR		ARCHITECT KENTUCKY DEPT. OF HWYS.	
DRAWN BY	DATE 5/69	JOB NO. A3001	
CHECKED BY	DATE 6/69	SHEET	
PAINT SPEC. SEE G1		59 OF	
REVISIONS	DATE BY		

SPAN 1

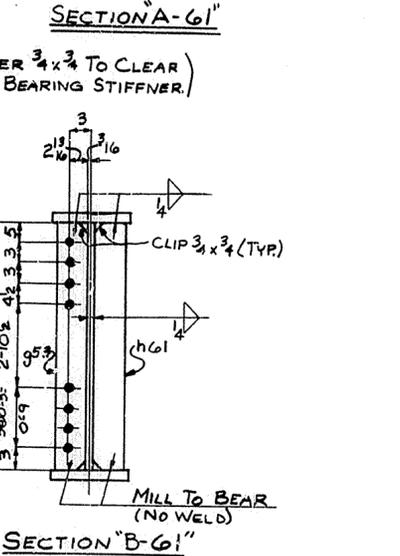
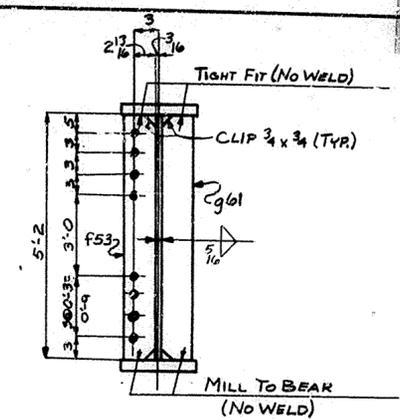
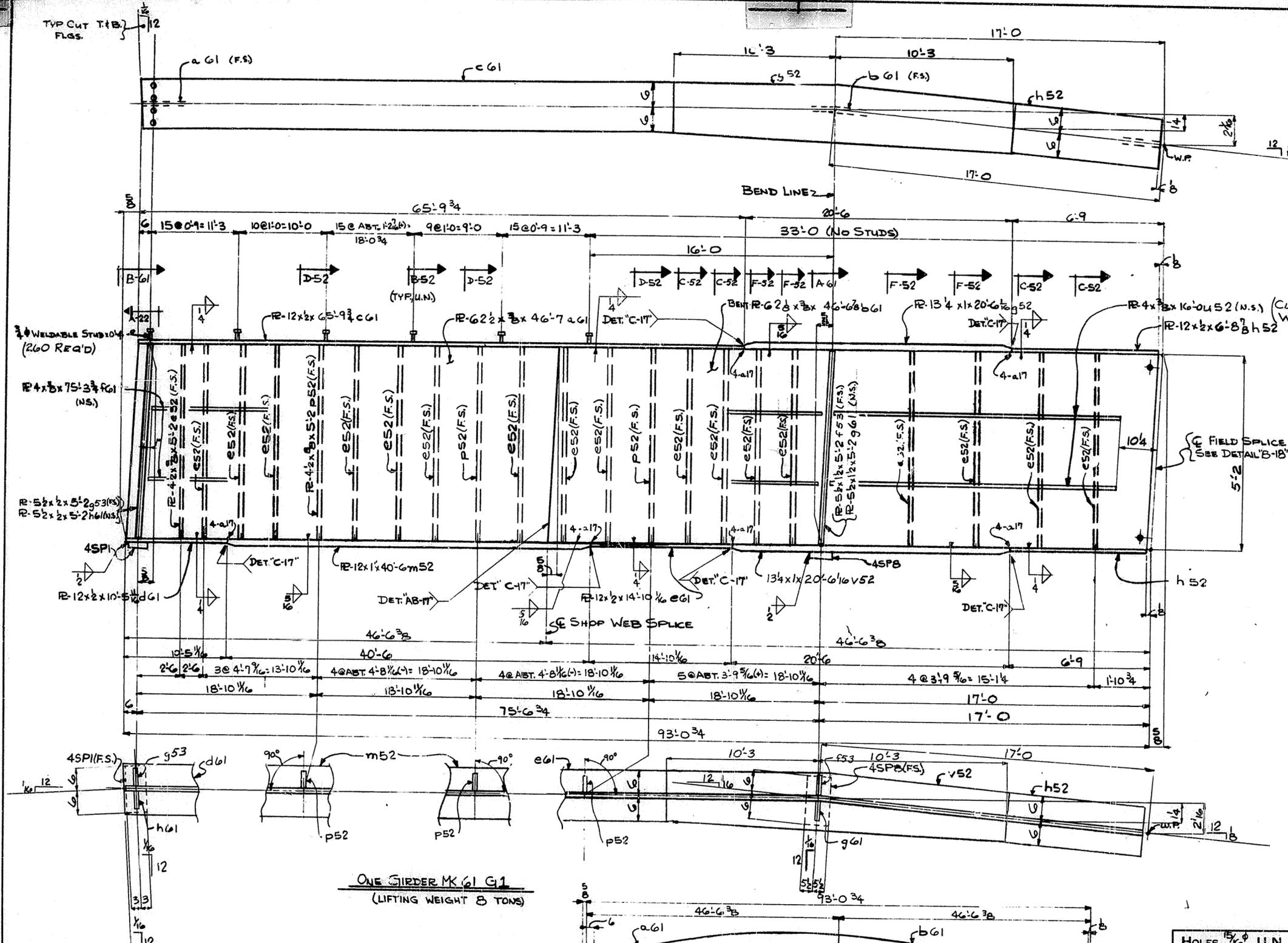


NOTE:
FOR GENERAL NOTES SEE SHEET GNI



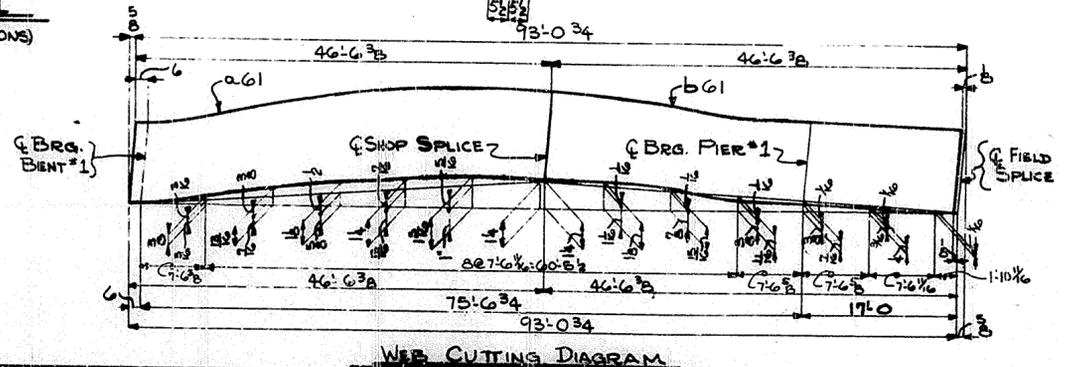
WEB CUTTING DIAGRAM

HOLES 15/16" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI	
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.</small>			
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 - PROJ. NO. 164-2(4)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY <i>JB</i> CHECKED BY <i>JB</i> PAINT SPEC. SEE GNI.	DATE 5/69 DATE 6/69	JOB NO. A3001 SHEET 60 OF	
REVISIONS DATE BY			



ONE GIRDER MK G1
(LIFTING WEIGHT 8 TONS)

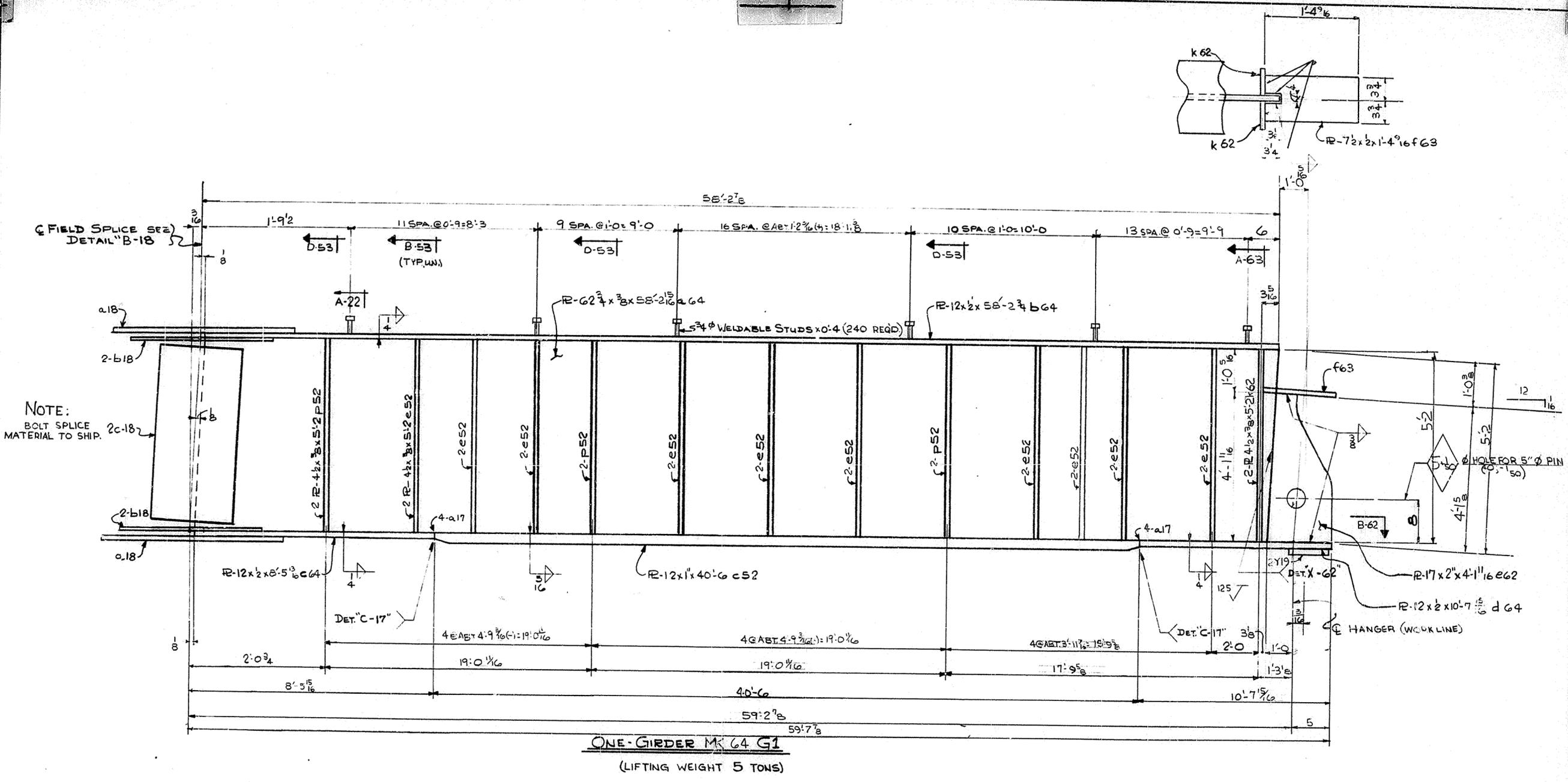
NOTE:
FOR GENERAL NOTES SEE SHEET G/N1



WEB CUTTING DIAGRAM

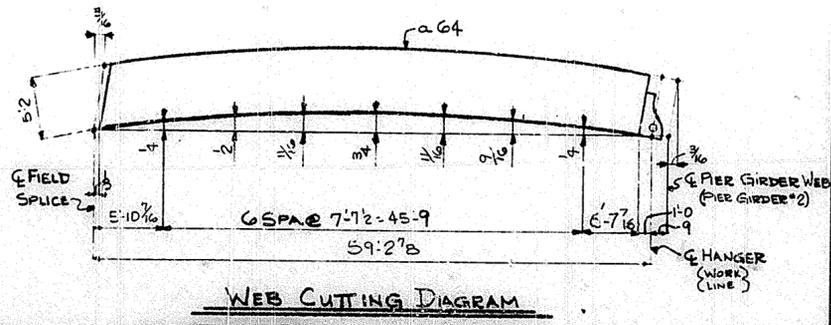
HOLES 15/16" U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	82
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 164-2(4)2			
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR		DRAWN BY <i>JB</i> DATE 5/69 CHECKED BY <i>LD</i> DATE 6/69 PAINT SPEC. SEE G/N1	JOB NO. A8001 SHEET G1 OF
REVISIONS	DATE	BY	

SPAN 1



NOTE:
BOLT SPLICE
MATERIAL TO SHIP.

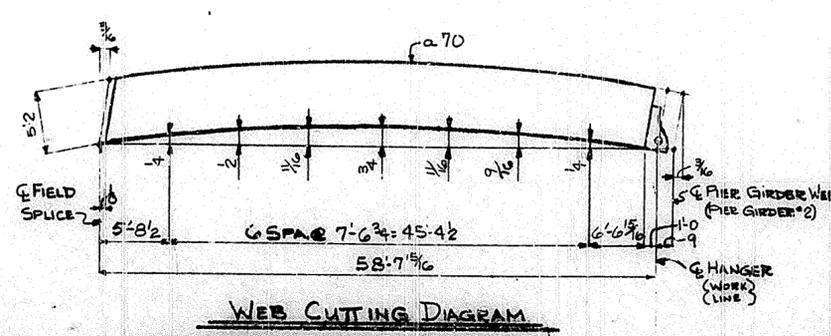
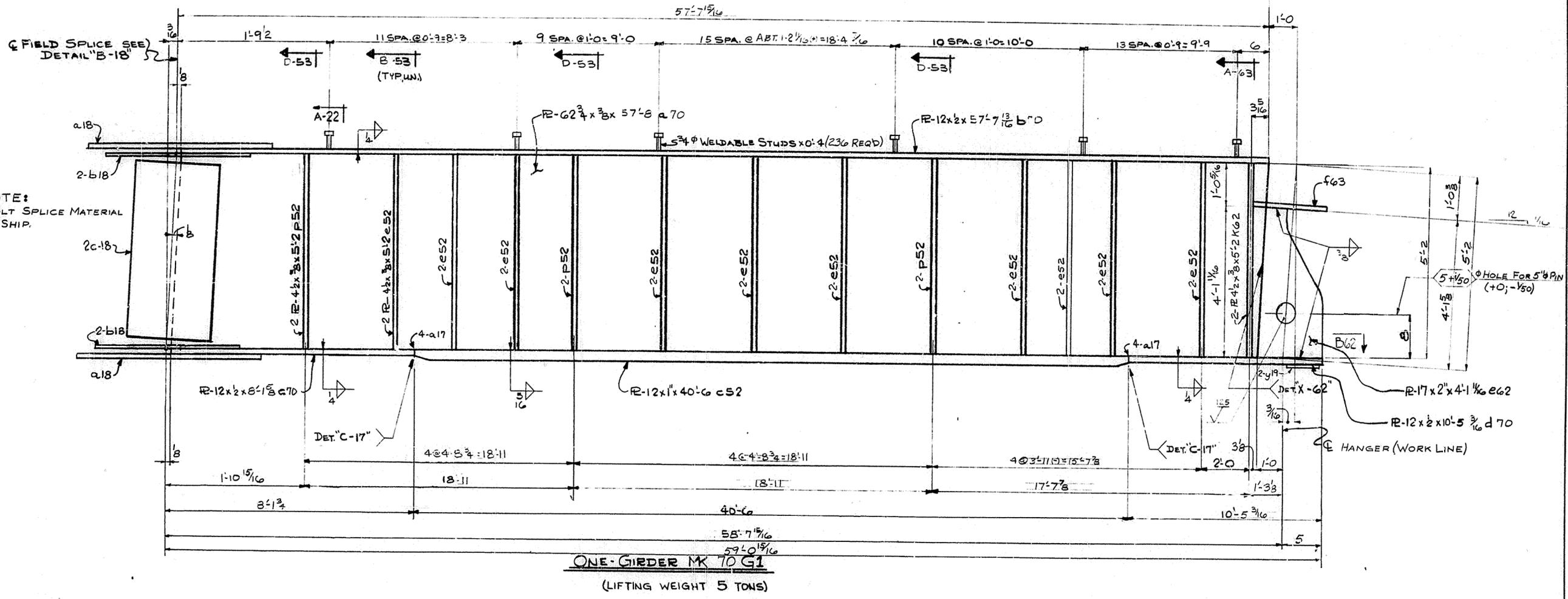
ONE GIRDER M₆ G₁
(LIFTING WEIGHT 5 TONS)



NOTE:
FOR GENERAL NOTES SEE SHEET G-1

HOLES $\frac{15}{16}$ U.N.		
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SF 156 273 75FT. PROJ. NO. 164-2(4)		
ARCHITECT KENTUCKY DEPT. OF HWYS.		
CONTRACTOR		
DRAWN BY JB CHECKED BY PAINT SPEC SEE G-1	DATE 5/62 DATE DATE	JOB NO. A8001 SHEET 64 OF
REVISIONS	DATE	BY

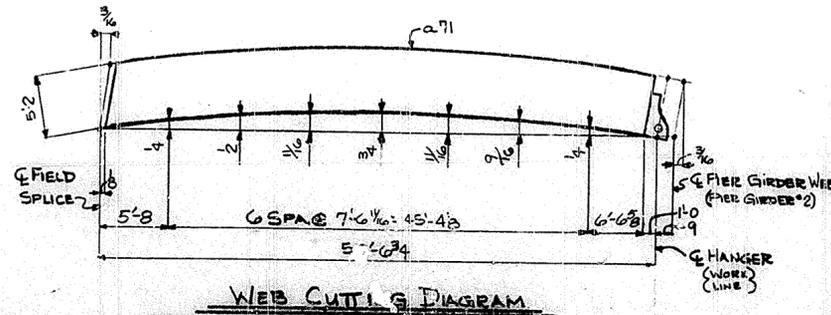
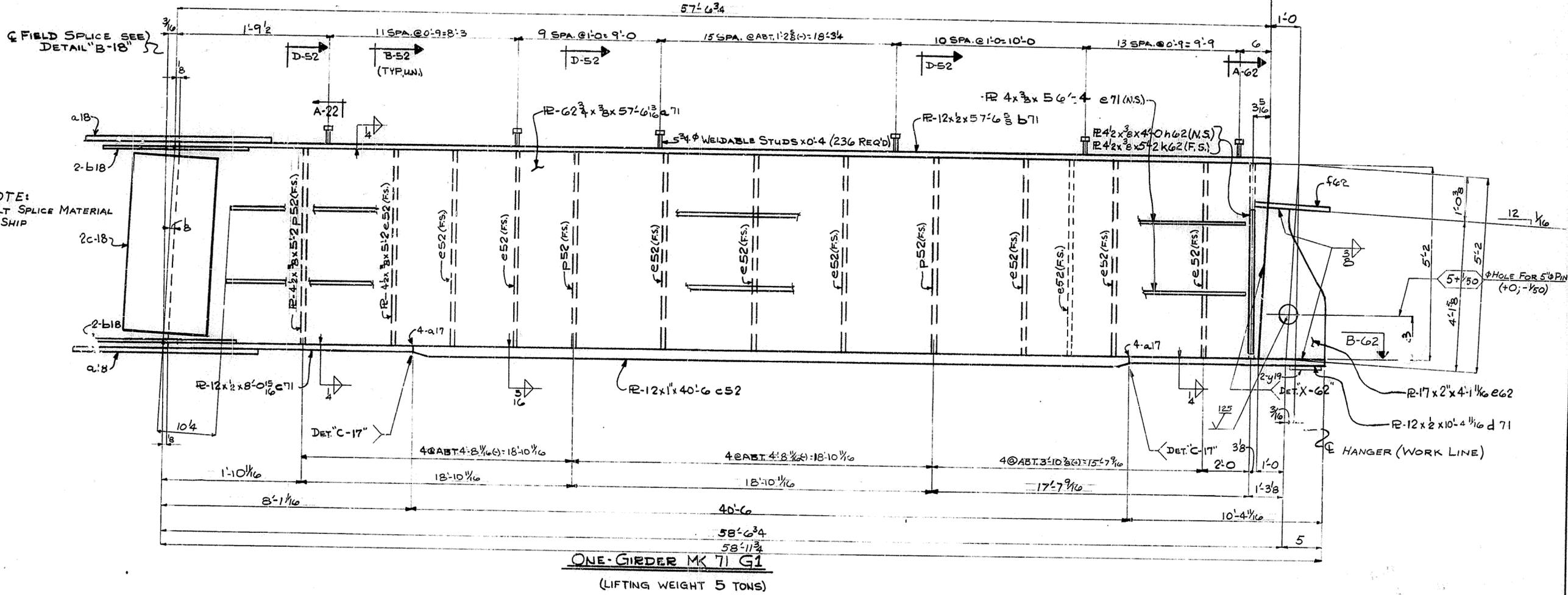
SPAN 2



NOTE:
FOR GENERAL NOTES SEE SHEET GNI 91

HOLES $\frac{15}{16}$ U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 - PROJ. NO. 164-216412		
ARCHITECT: KENTUCKY DEPT. OF HWYS.		
CONTRACTOR:		
DRAWN BY: JB	DATE: 5/69	JOB NO. A8001
CHECKED BY: LCG	DATE: 6/69	SHEET
PAINT SPEC. SEE GNI		70 OF
REVISIONS	DATE BY	

SPAN 2



NOTE:
FOR GENERAL NOTES SEE SHEET G N1

HOLES 1/16" U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE MERIDIAN, MISSISSIPPI

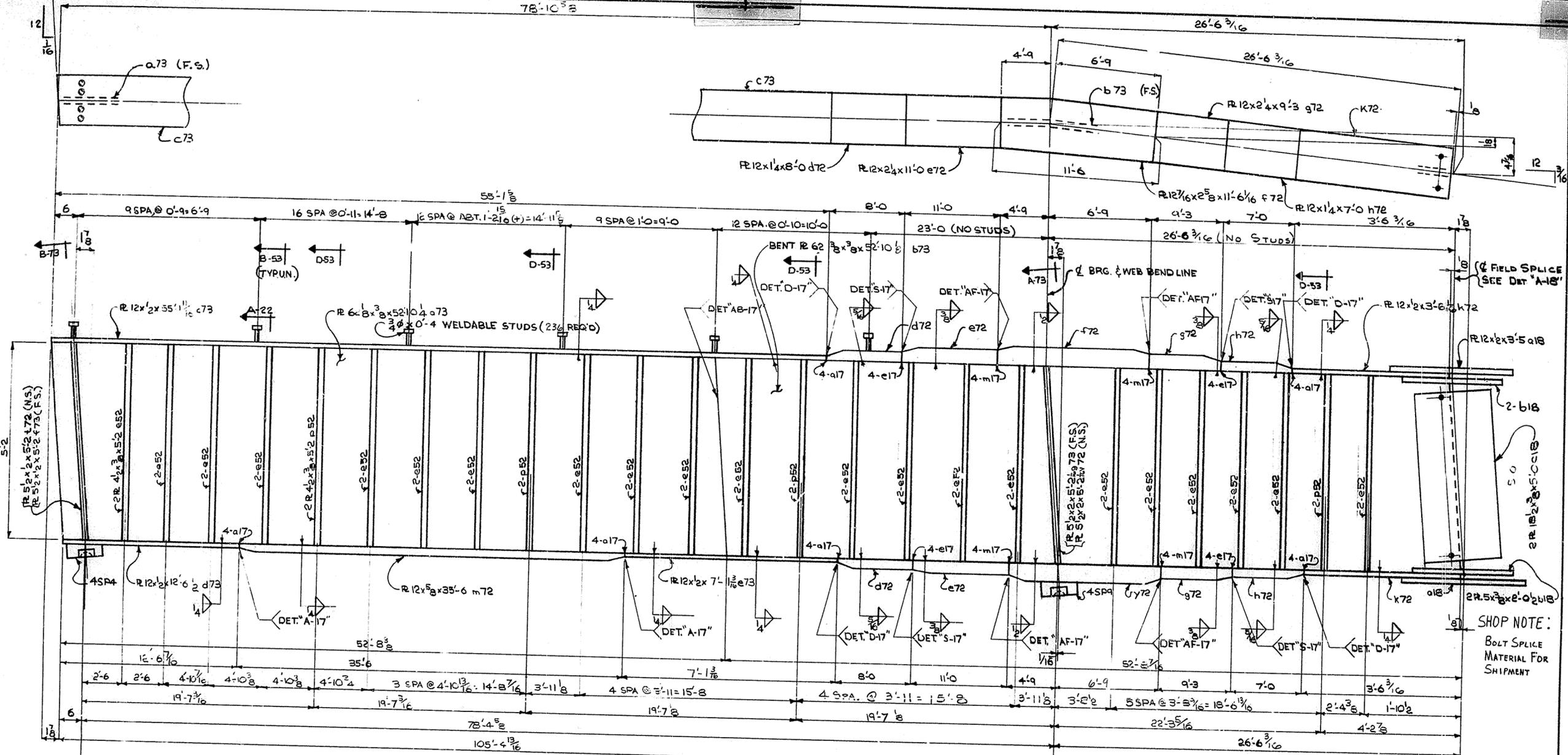
JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 7581-PROJ. NO. 164-2(14)2

ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

DRAWN BY **98** DATE **5/62** JOB NO. **A8001**
CHECKED BY **LCG** DATE SHEET
PAINT SPEC. **S/P G N1** 71 OF

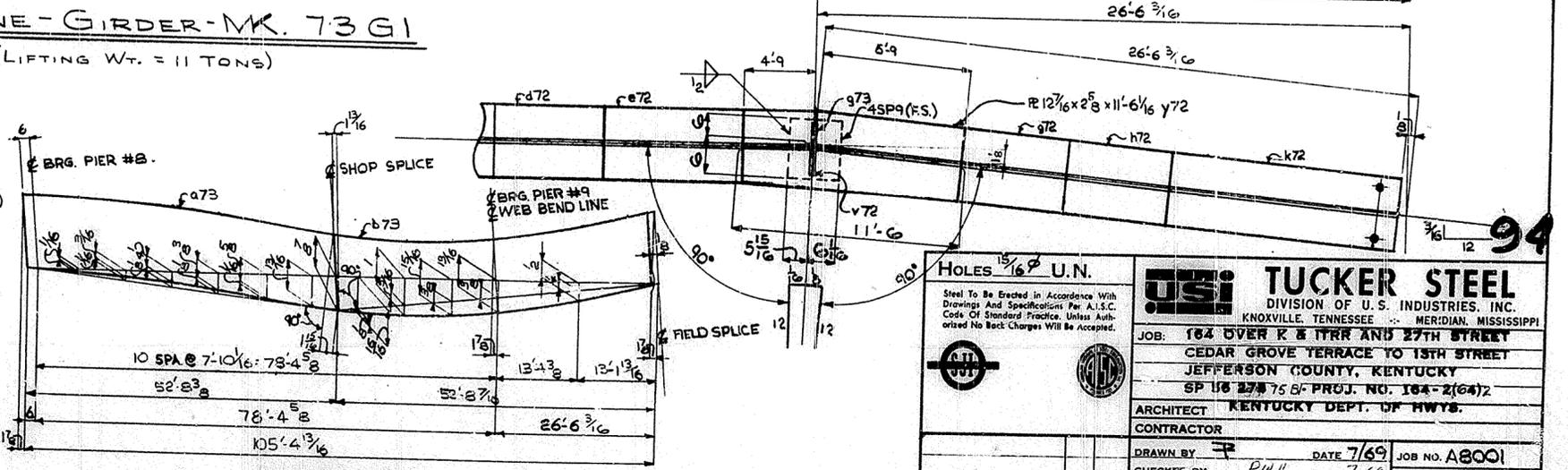
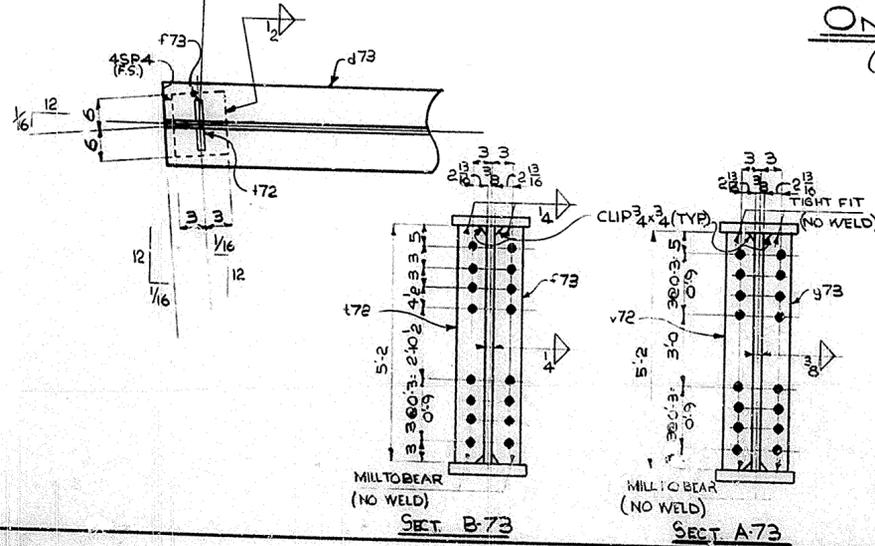
REVISIONS DATE BY

SPAN 2



SHOP NOTE:
BOLT SPlice
MATERIAL FOR
SHIPMENT

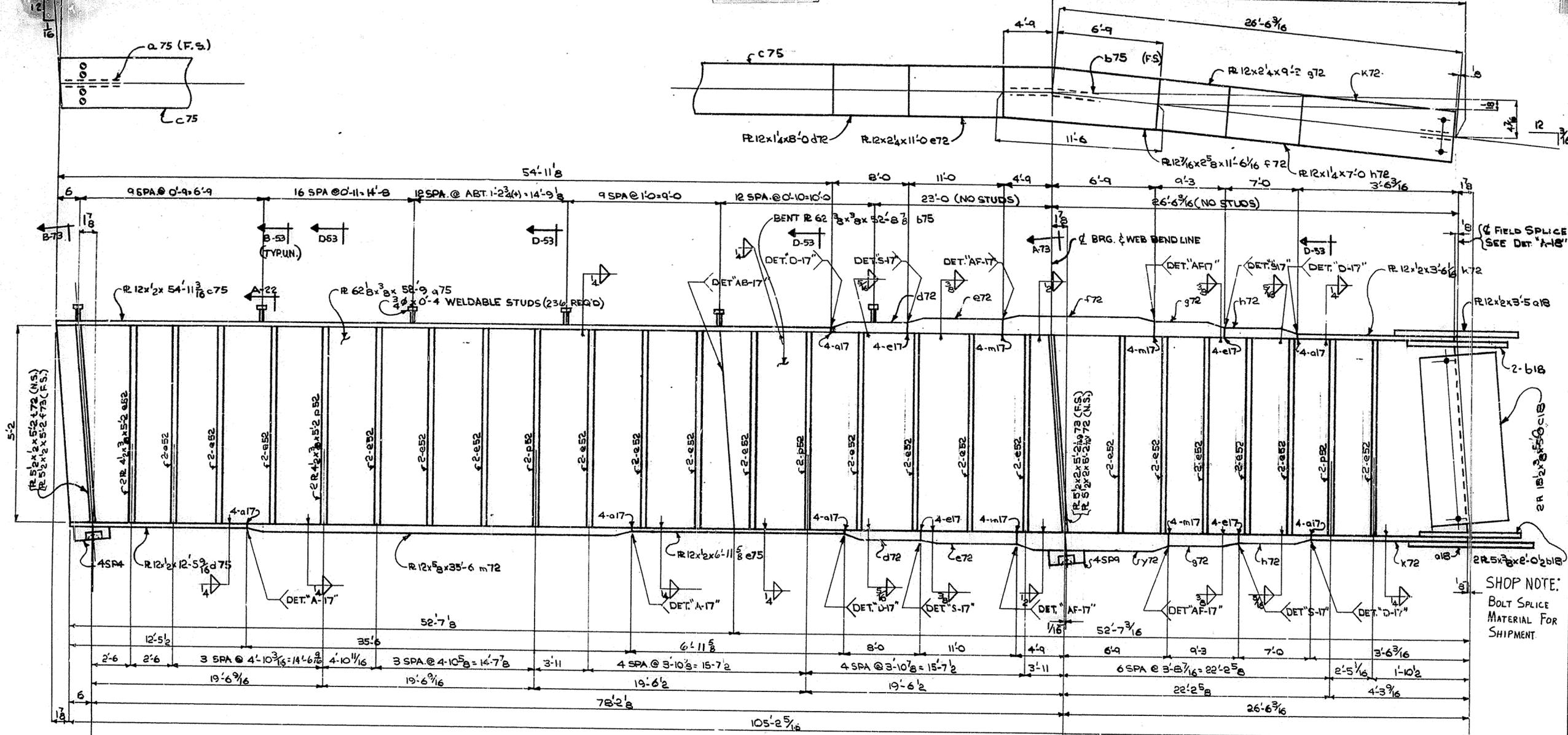
ONE-GIRDER-MK. 73 G1
(LIFTING WT. = 11 TONS)



WEB CUTTING DIAGRAM

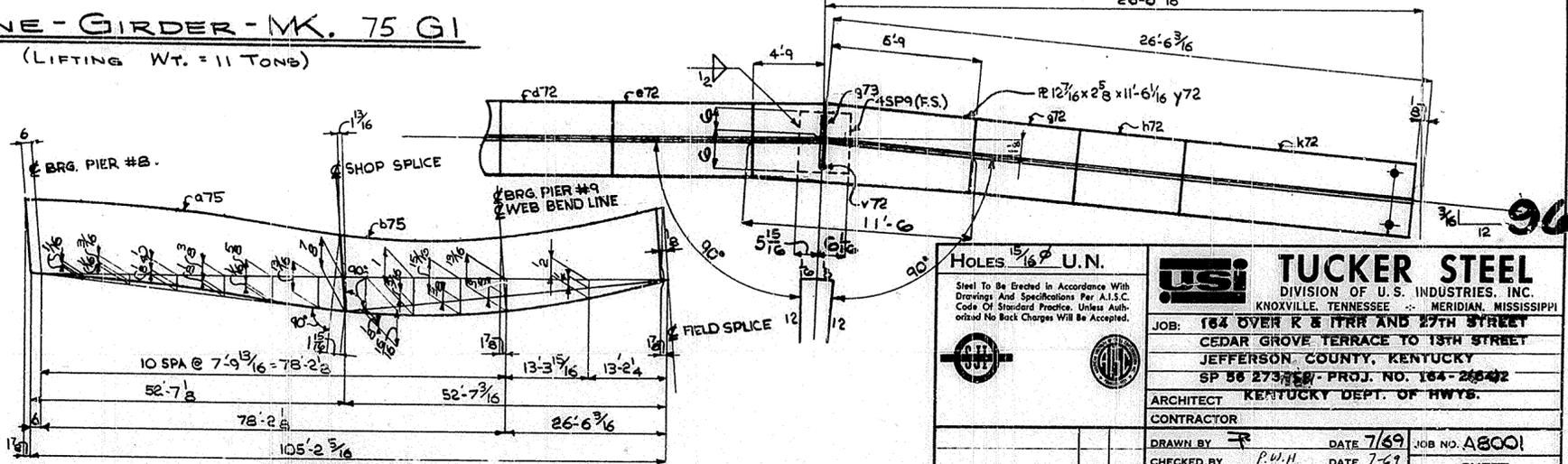
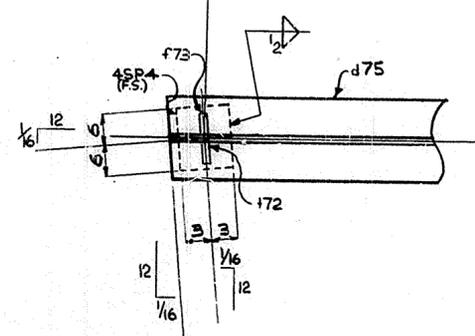
FOR GENERAL NOTES: SEE SHEET GNI

<p>HOLES 15/16" U.N.</p> <p>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.</p>		<p>USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI</p> <p>JOB: 184 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 118 27 75 8- PROJ. NO. 184-2(64)2</p> <p>ARCHITECT KENTUCKY DEPT. OF HWY'S.</p>	
<p>CONTRACTOR</p> <p>DRAWN BY [Signature] DATE 7/69</p> <p>CHECKED BY [Signature] DATE 7-69</p> <p>PAINT SH. [Signature] SEE GNI</p>			<p>JOB NO. A8001</p> <p>73 SHEET OF</p>
REVISIONS	DATE	BY	



SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT

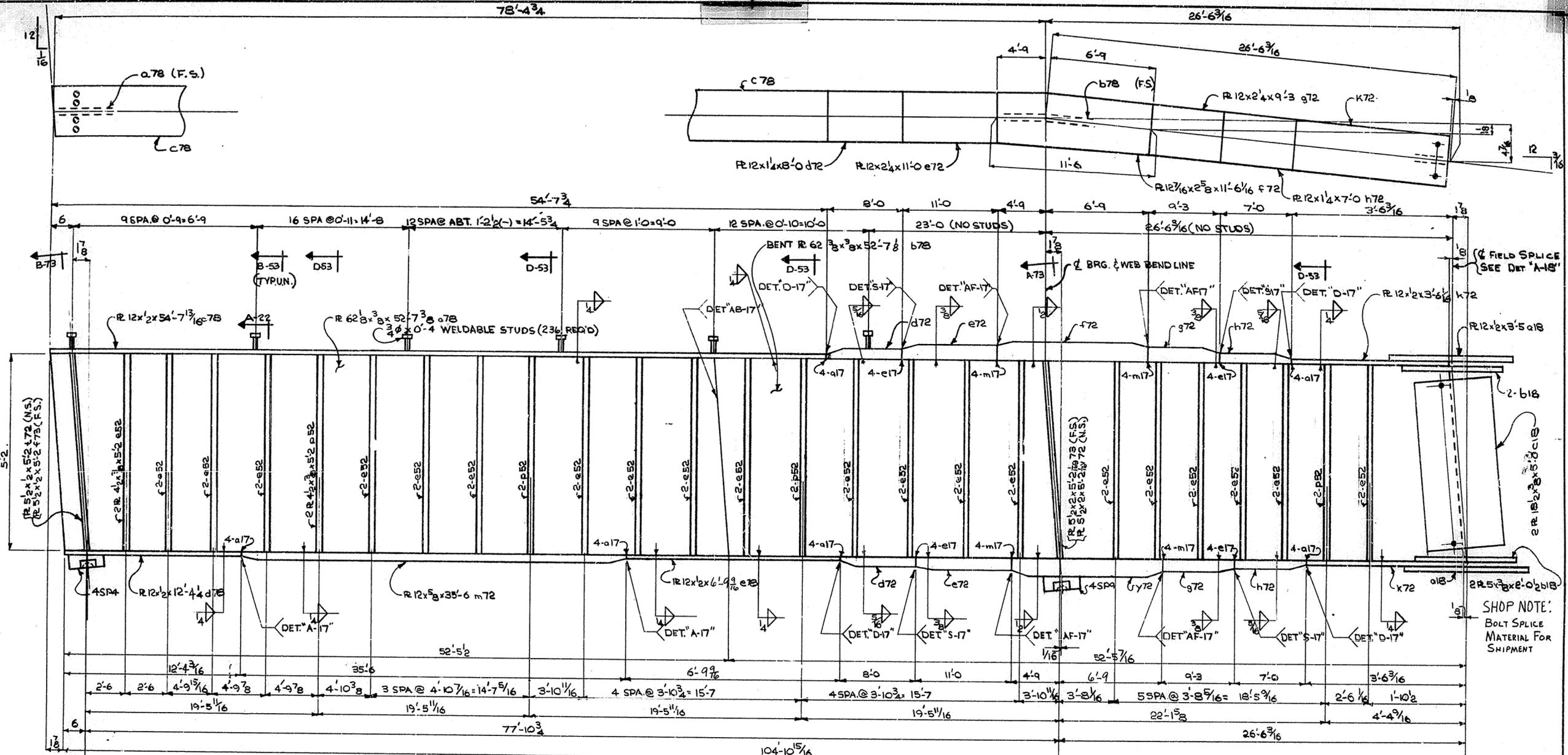
ONE-GIRDER-MK. 75 GI
(LIFTING WT. = 11 TONS)



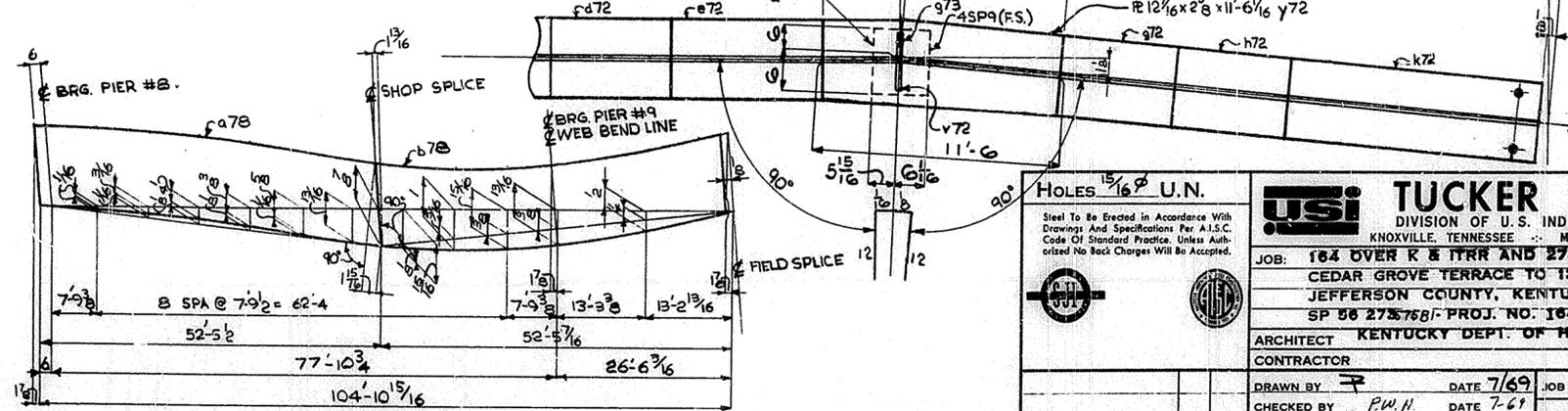
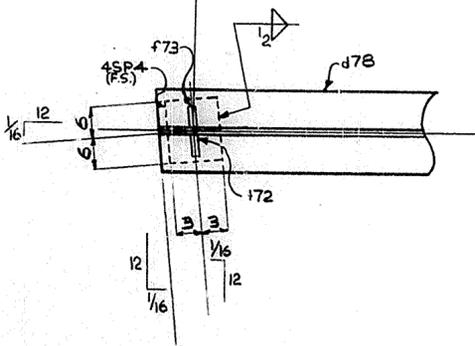
WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE SHEET GNI

HOLES 1 5/16" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
JOB: 164 OVER R & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273750 - PROJ. NO. 164-26642		
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR		
DRAWN BY <i>R</i> CHECKED BY <i>P.W.H.</i> PAINT SPEC. SEE GNI	DATE 7/69 DATE 7-69	JOB NO. A8001 75 SHEET OF
REVISIONS	DATE	BY



ONE GIRDER - MK. 78 G1
(LIFTING WT. = 11 TONS)

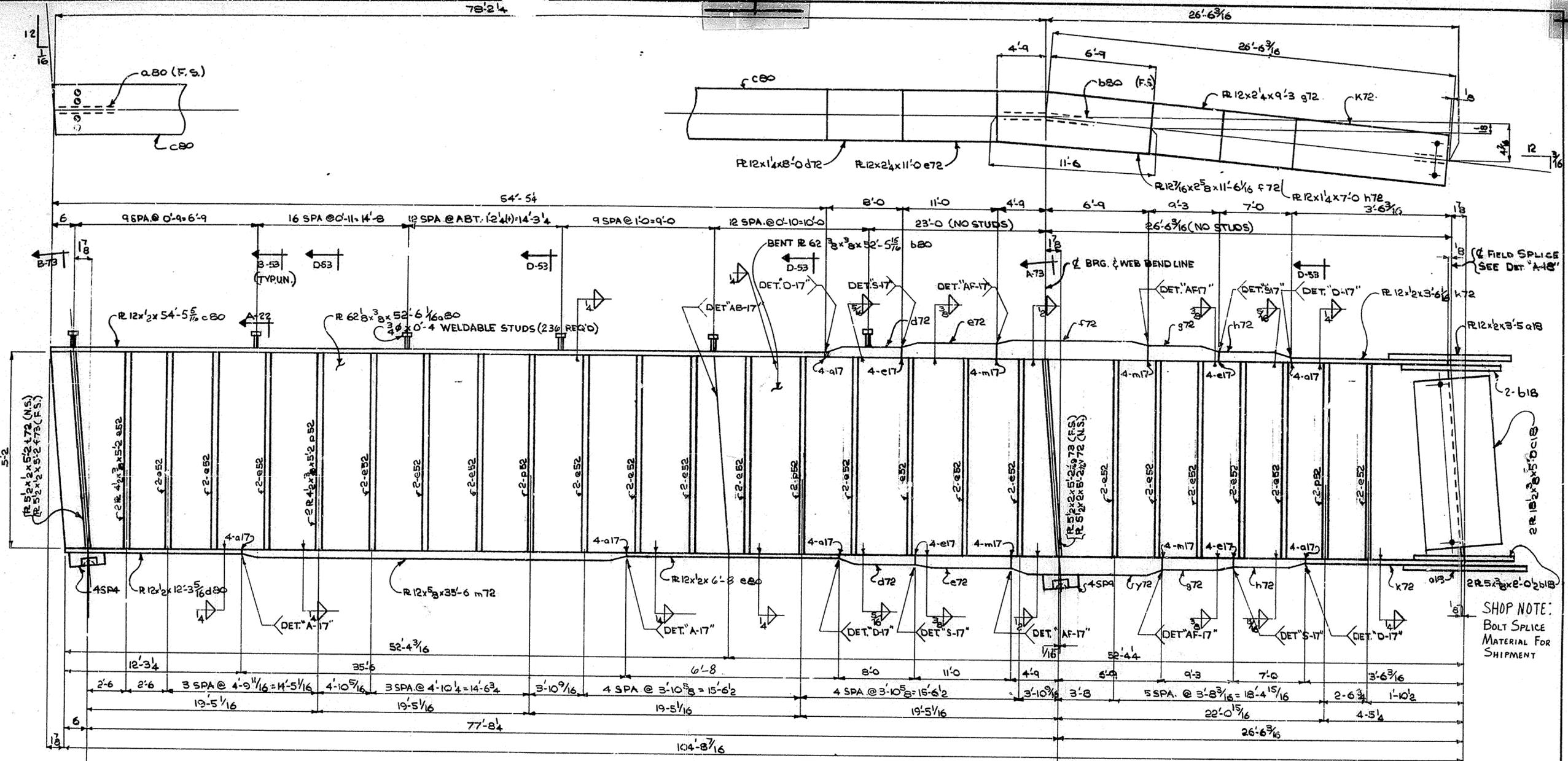


WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE SHEET GNI

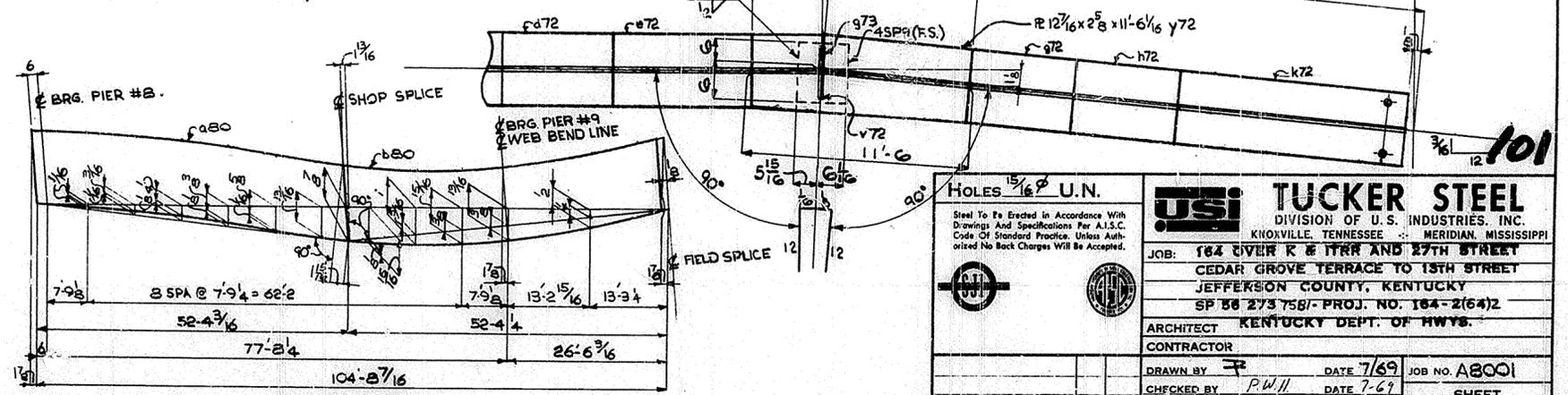
SHOP NOTE:
BOLT SPLICE
MATERIAL FOR
SHIPMENT

<p>HOLES 1 1/2" U.N.</p> <p>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</p>		<p>99</p>
<p>TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI</p>		
<p>JOB: 184 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 15TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 2737581- PROJ. NO. 184-2(64)2</p>		
<p>ARCHITECT KENTUCKY DEPT. OF HWYS.</p>		
<p>CONTRACTOR</p>		
<p>DRAWN BY P</p>	<p>DATE 7/69</p>	<p>JOB NO. A8001</p>
<p>CHECKED BY P.W.H.</p>	<p>DATE 7-69</p>	<p>SHEET 78 OF</p>
<p>PAINT SPEC. SEE GNI</p>		
<p>REVISIONS</p>	<p>DATE</p>	<p>BY</p>



SHOP NOTE:
BOLT SPLICE
MATERIAL FOR
SHIPMENT

ONE-GIRDER-MK. 80 GI
(LIFTING WT. = 11 TONS)



WEB CUTTING DIAGRAM

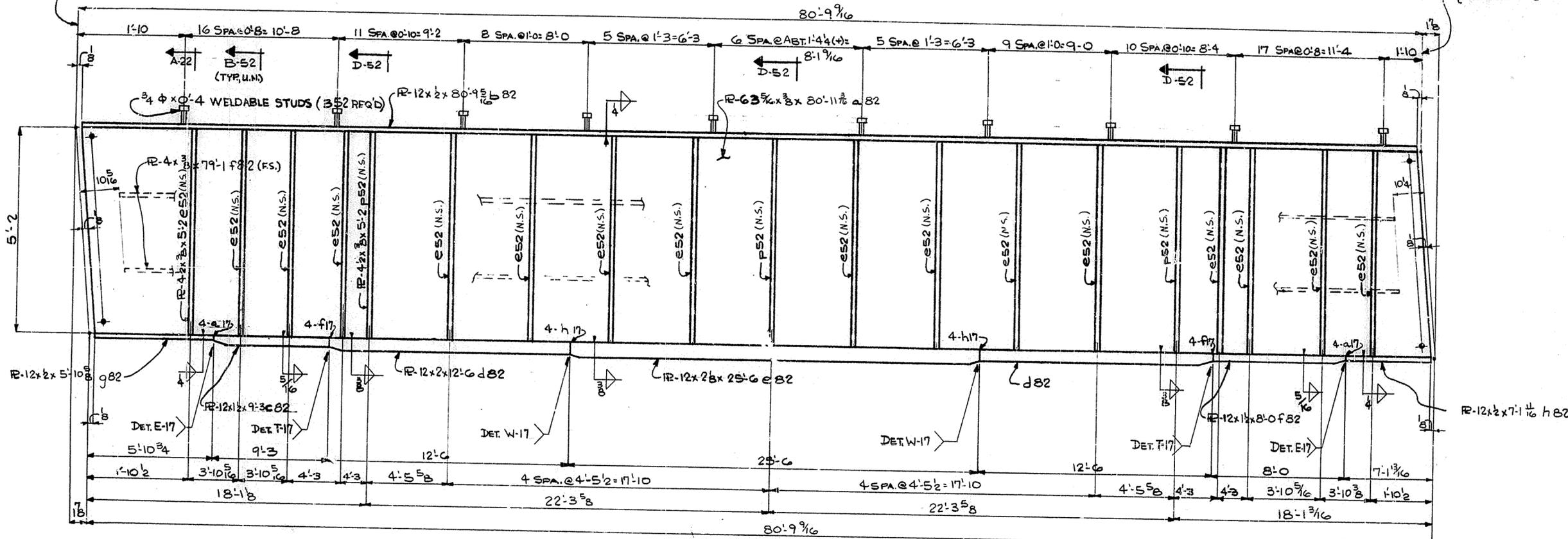
FOR GENERAL NOTES SEE SHEET GNI

HOLES 1 1/2" U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 184 RIVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 15TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 104-2(64)2		ARCHITECT KENTUCKY DEPT. OF HWYS.	
CONTRACTOR		DRAWN BY <i>FW</i> DATE 7/69	
PAINT SPEC. SEE GNI		CHECKED BY <i>PW/11</i> DATE 7-69	
REVISIONS		JOB NO. A8001	
DATE BY		80 SHEET	
		OF	

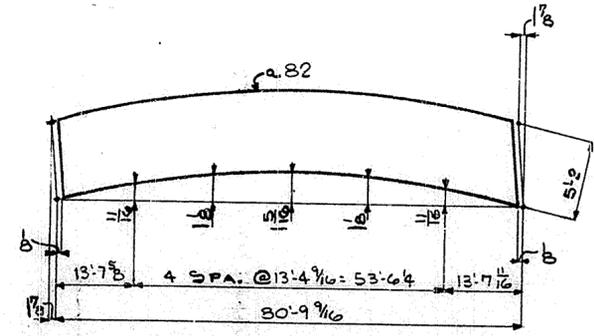
101

FIELD SPICE
SEE DET. 'A-18'

FIELD SPICE
SEE DET. 'A-18'



ONE GIRDER MK 82 G1
(LIFTING WEIGHT 8 TONS)



WEB CUTTING DIAGRAM

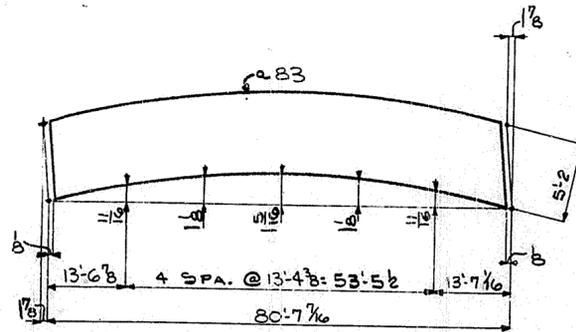
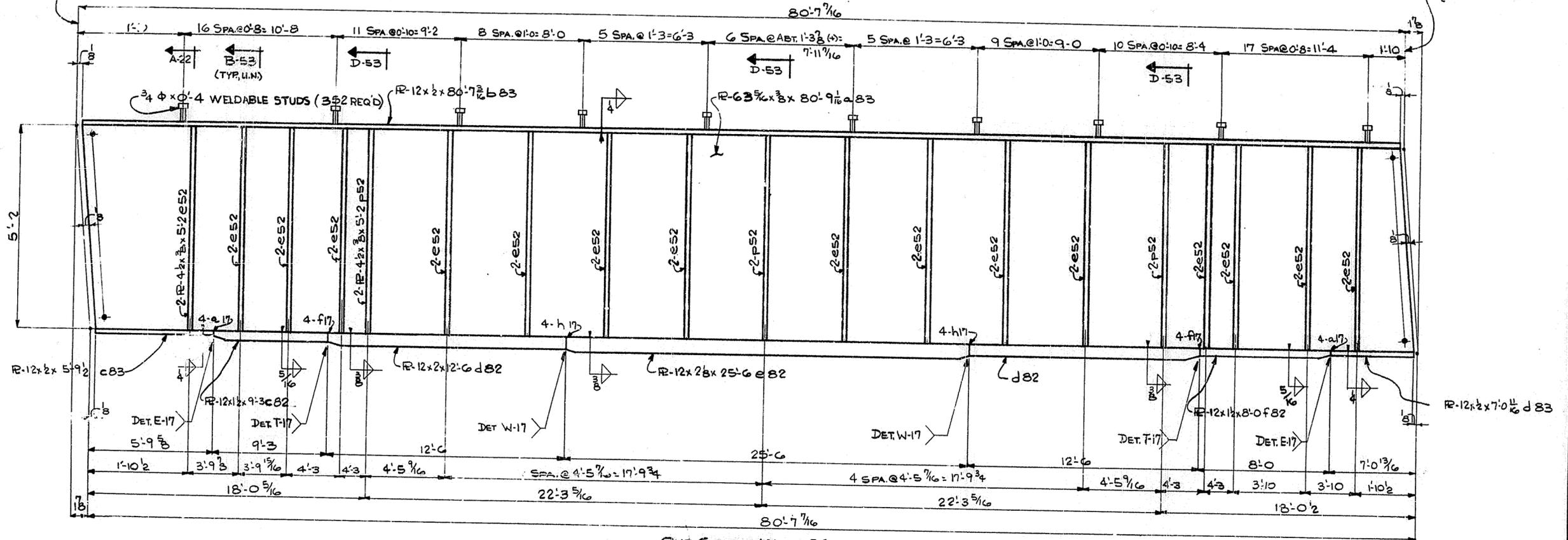
FOR GENERAL NOTES SEE G.N. 103

HOLES 1 1/2" U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Rock Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY			
SP 68 273 7567 PROJ. NO. 164-2(64)			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE 7/69	JOB NO. A8001	
CHECKED BY	DATE 7/69	SHEET	
PAINT SPEC. SEE G.N. 1		82 OF	
REVISIONS	DATE	BY	

SPANIO (CONT)

FIELD SPICE
SEE DET. 'A-18'

FIELD SPICE
SEE DET. 'A-18'



WEB CUTTING DIAGRAM

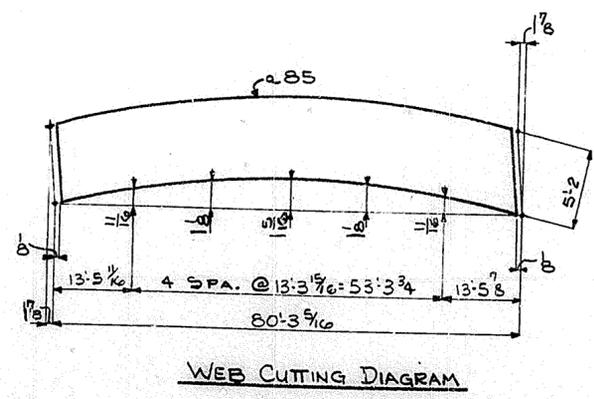
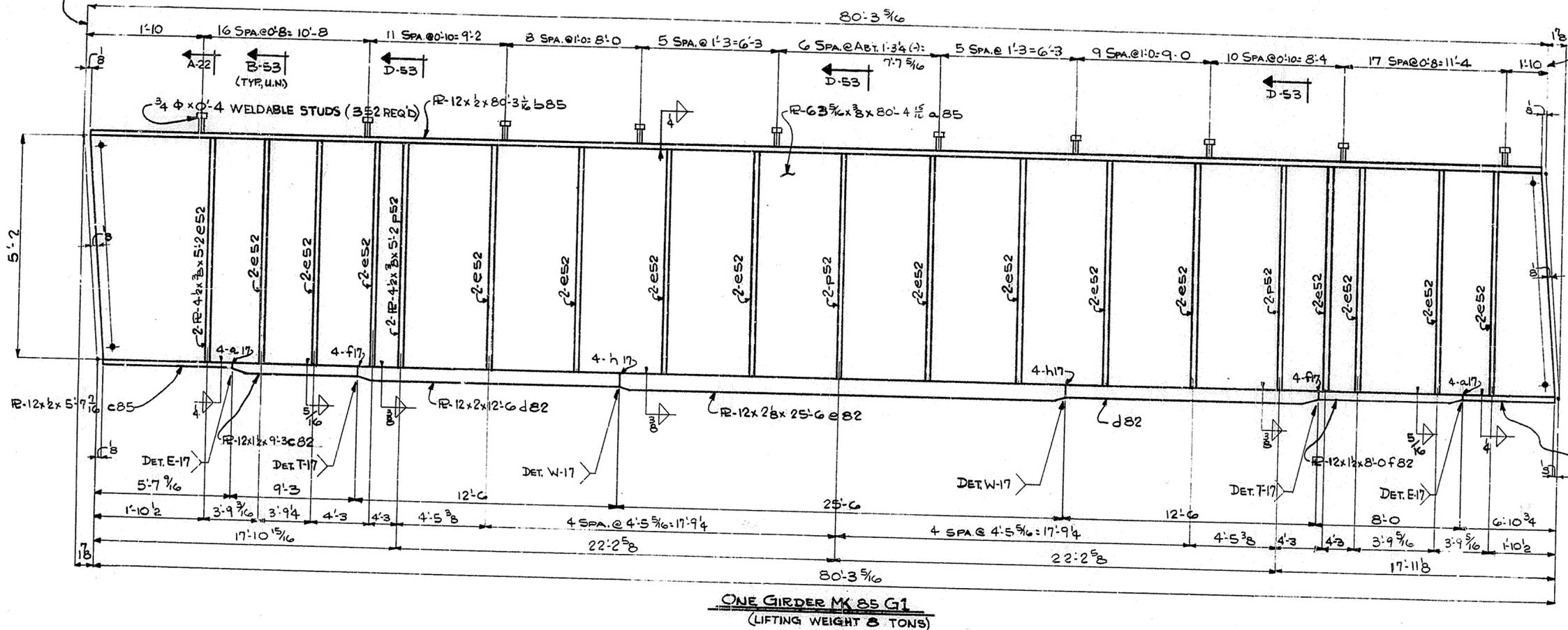
FOR GENERAL NOTES SEE G.N. 1. 104

HOLES 1 1/8" U.N.		TUCKER STEEL	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 86 273 75B1-PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE 7/69	JOB NO. A8001	
CHECKED BY	DATE 7/69	SHEET	
PAINT SPEC. SEE G.N. 1		83 OF	
REVISIONS	DATE BY		

SPAN 10 (CONT)

FIELD SPlice
SEE DET. 'A-18'

FIELD SPlice
SEE DET. 'A-18'



FOR GENERAL NOTES SEE GN 1. 106

HOLES 1 1/8" U.N.

Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 85 273 T-6- PROJ. NO. 164-2(4)

ARCHITECT KENT. KY DEPT. OF HWYS.

CONTRACTOR

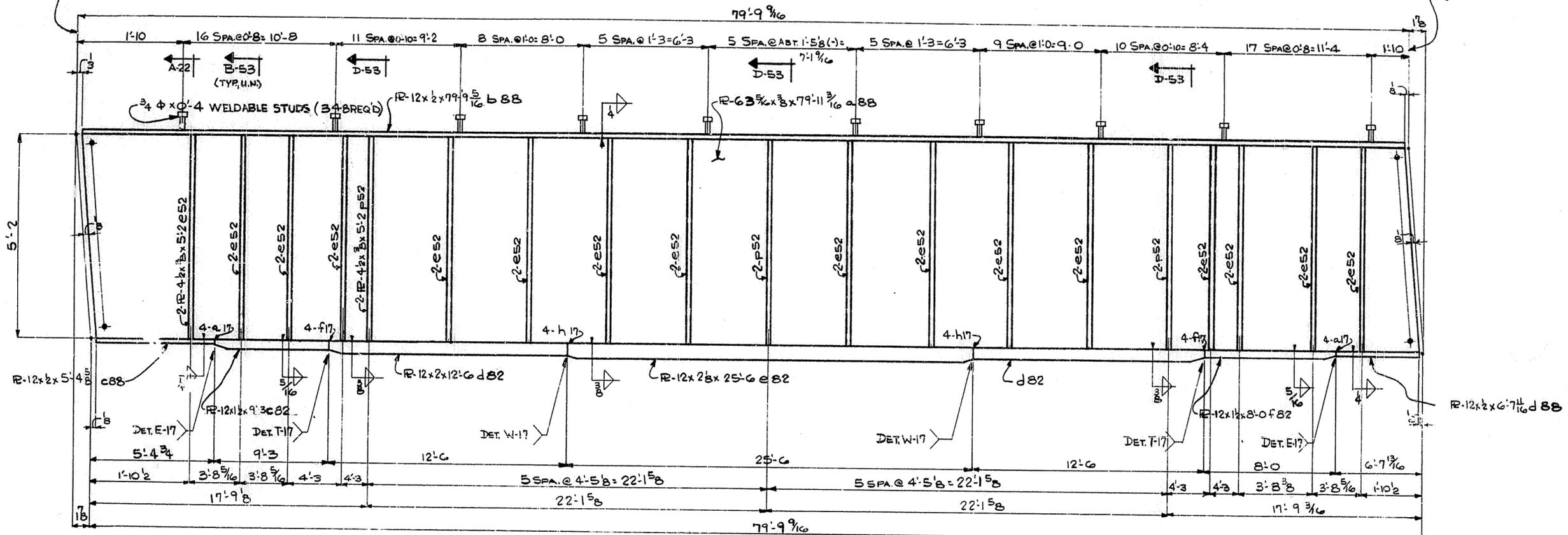
DRAWN BY *JB* DATE 7/69 JOB NO. A8001
CHECKED BY *PHH* DATE 7/69 SHEET
PAINT SPEC. SEE GN 1 85 OF

REVISIONS	DATE	BY

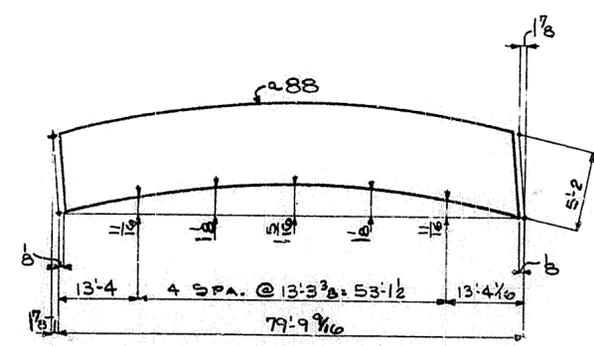
SPAN 10 (G17)

FIELD SPICE
SEE DET. 'A-18'

FIELD SPICE
SEE DET. 'A-18'



ONE GIRDER MK 88 G1
(LIFTING WEIGHT 3 TONS)



WEB CUTTING DIAGRAM

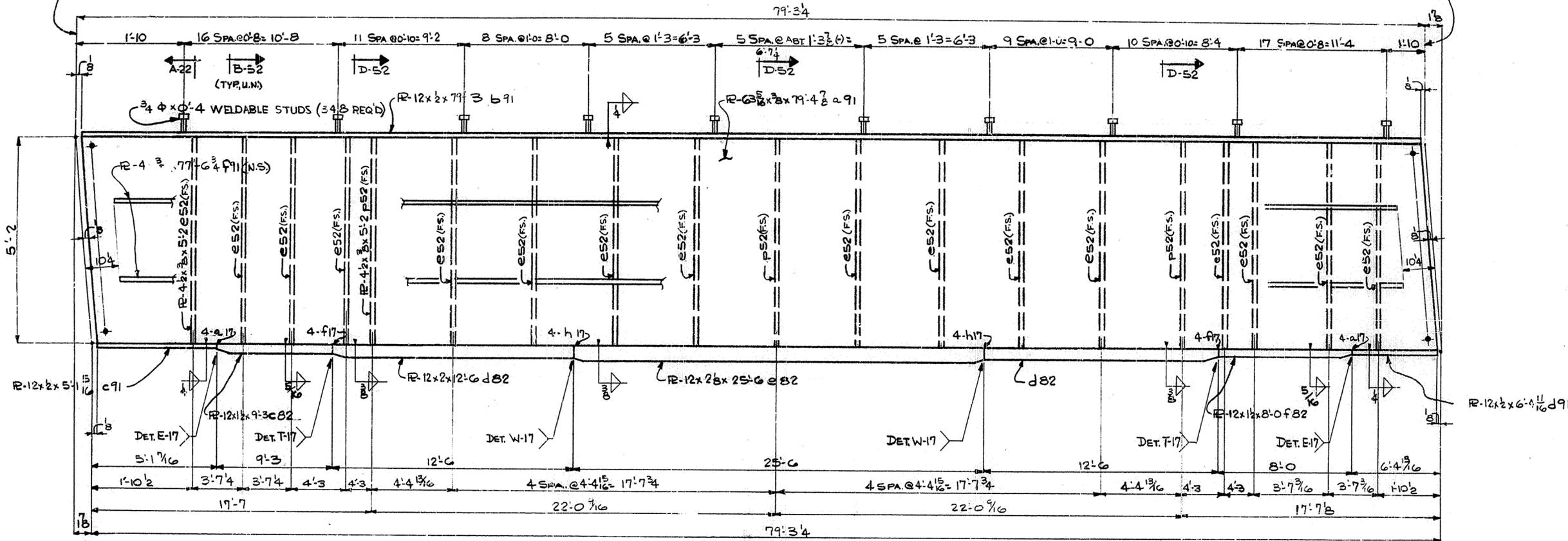
FOR GENERAL NOTES SEE G.N. 1. 109

HOLES 1 1/2" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Lock Charges Will Be Accepted.			
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 88 273 15E1- PROJ. NO. 164-2(64)2			
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:			
DRAWN BY: JB		DATE: 7/69	
CHECKED BY: PWH		DATE: 7/69	
PAINT SPEC: SEE G.N. 1		JOB NO. A8001	
REVISIONS		DATE BY	
		SHEET 88 OF	

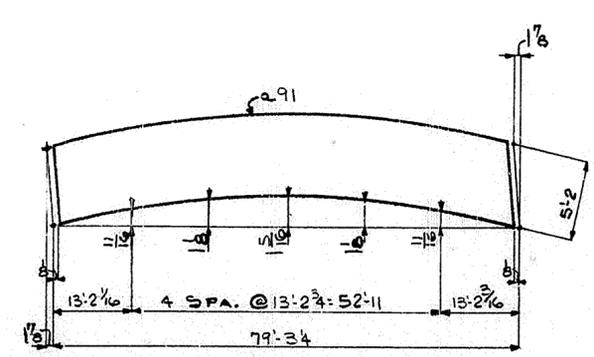
SPAN 10 (Cont)

FIELD SPICE
SEE DET. 'A-18'

FIELD SPICE
SEE DET. 'A-18'



ONE GIRDER MK 91 G1
(LIFTING WEIGHT 8 TONS)



WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE GN 1. 112

HOLES 15/16 U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

TSI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

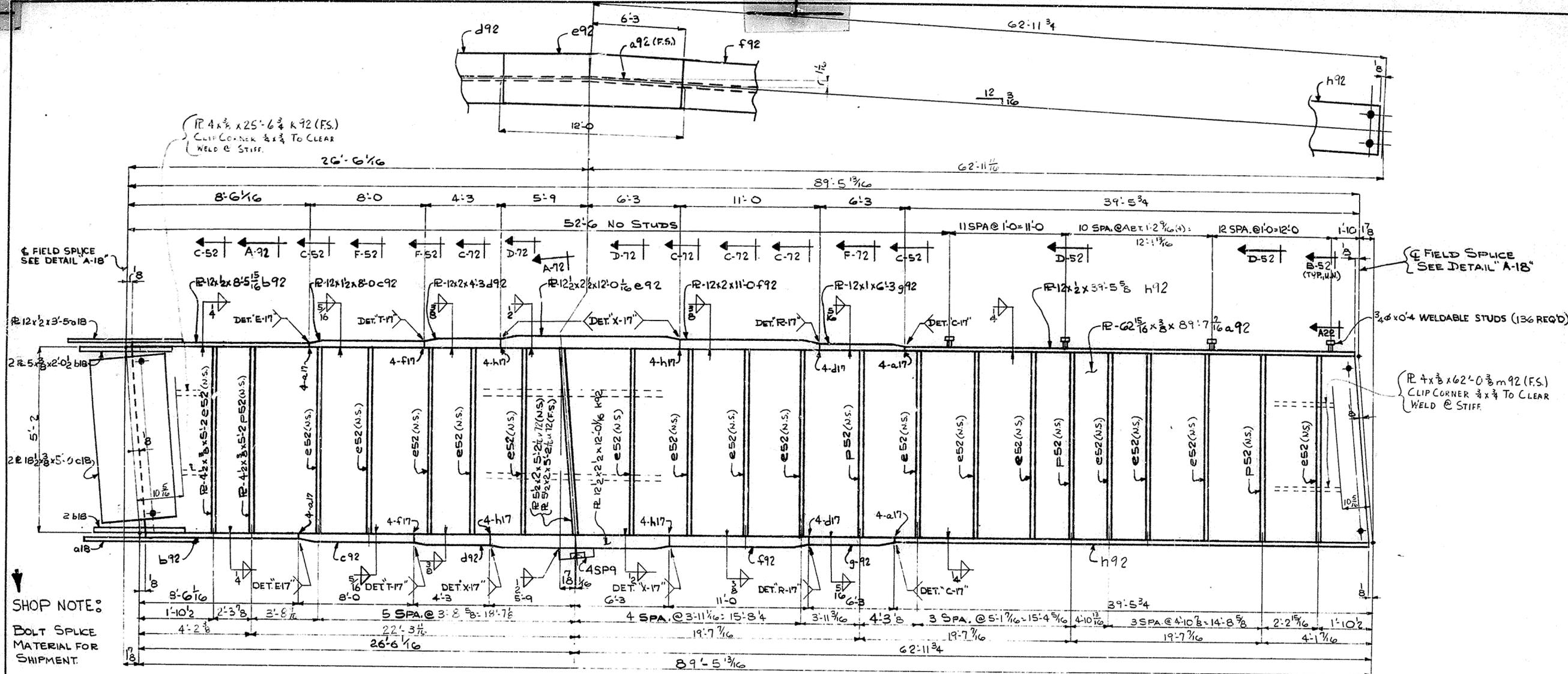
JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP. 56 273 TSB - PROJ. NO. 164-2(54)2

ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

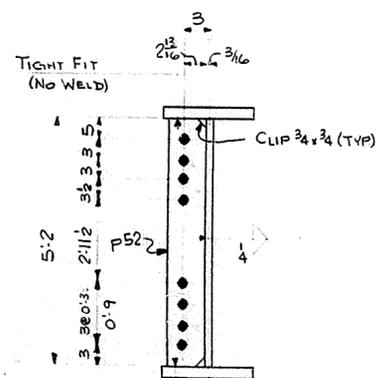
DRAWN BY JCB DATE 7/69 JOB NO. A8001
CHECKED BY P.W. DATE 7/69 SHEET
PAINT SPEC. SEE GN 1 91 OF

REVISIONS	DATE	BY

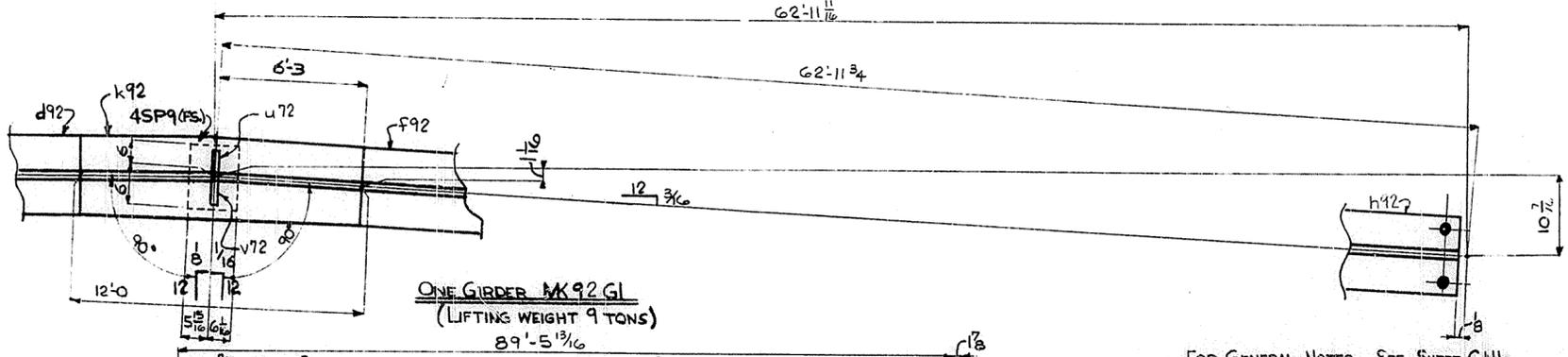
SPANIO (CUT)



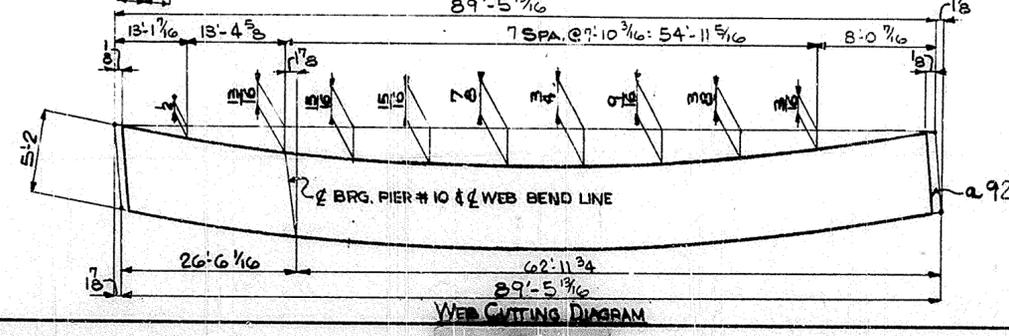
SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.



SECTION A-92



ONE GIRDER MK 92 G1
(LIFTING WEIGHT 9 TONS)
89'-5 13/16



WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE SHEET GNI.

HOLES 1 1/2 U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

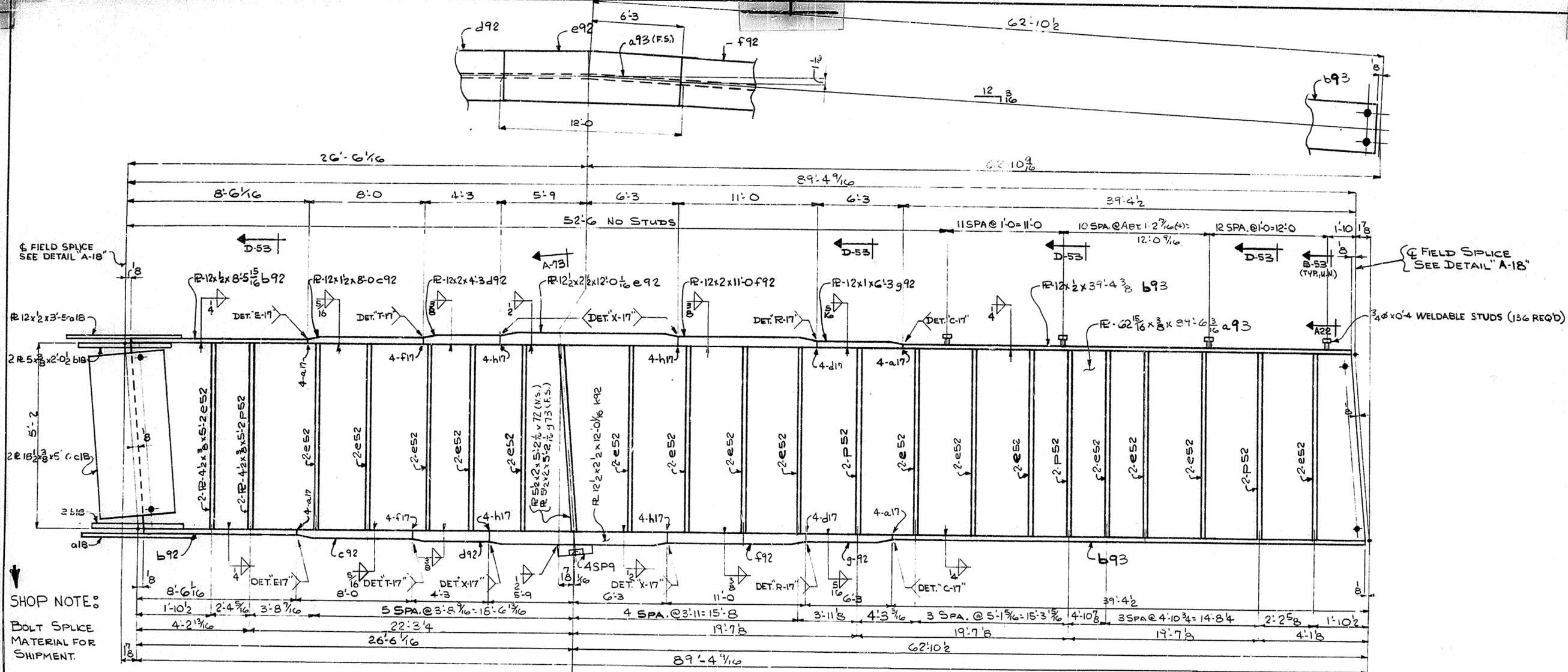
JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 TSB · PROJ. NO. 164-2(64)2

ARCHITECT KENTUCKY DEPT. OF HWYS.

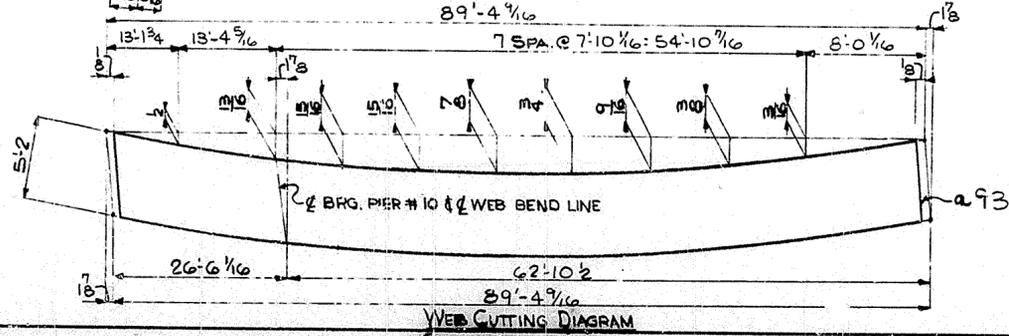
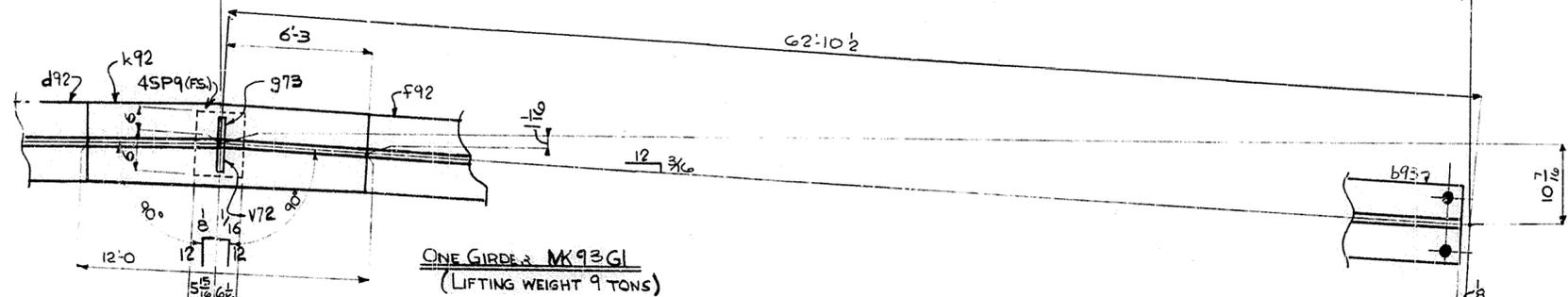
CONTRACTOR

DRAWN BY *JB* DATE 6-69 JOB NO. A-8001
CHECKED BY *P.W.H.* DATE 7-69 SHEET
PAINT SPEC. SEE GNI 92 OF

REVISIONS	DATE	BY



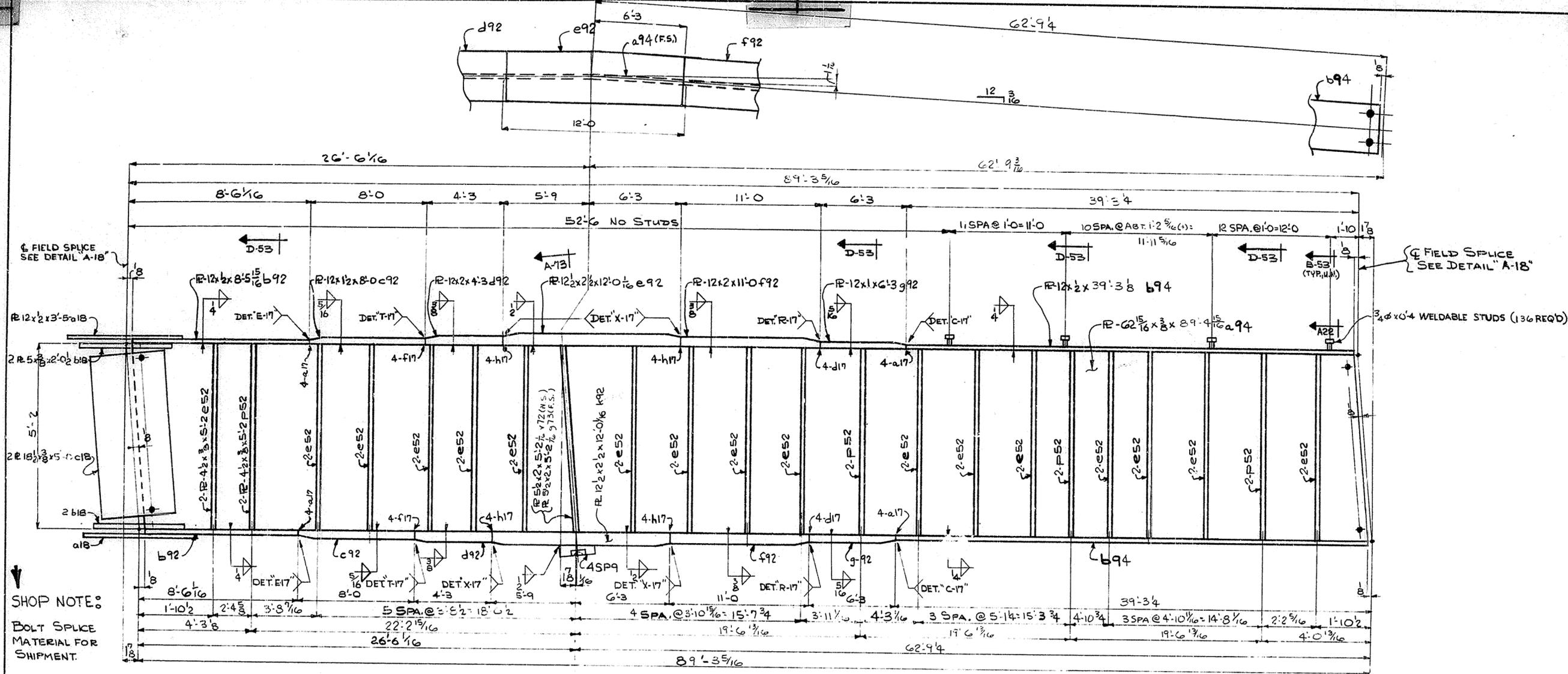
SHOP NOTE:
BOLT SPLICE
MATERIAL FOR
SHIPMENT.



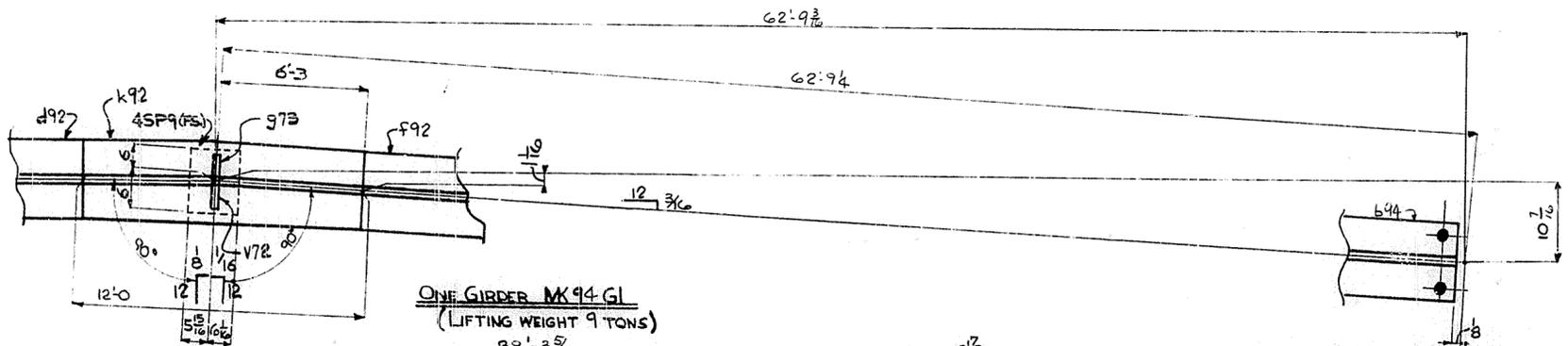
FOR GENERAL NOTES SEE SHEET GNI.

HOLES $\frac{15}{16}$ U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		
JOB: 134 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 184-2(642) ARCHITECT KENTUCKY DEPT. OF HWYS.		
CONTRACTOR		
DRAWN BY	JB	DATE 6-69
CHECKED BY	JWH	DATE 7-69
PAINT SPEC. SEE GNI		JOB NO. A-8001
REVISIONS		SHEET 93 OF

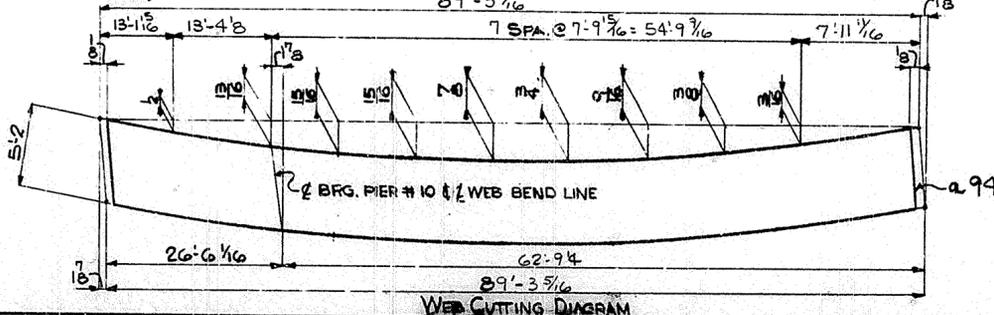
SPAN 11



SHOP NOTE:
BOLT SPlice
MATERIAL FOR
SHIPMENT.



ONE GIRDER MK 94 G1
(LIFTING WEIGHT 9 TONS)
89'-3 3/16"



WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE SHEET GNI.

HOLES $\frac{15}{16}$ U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

115

TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

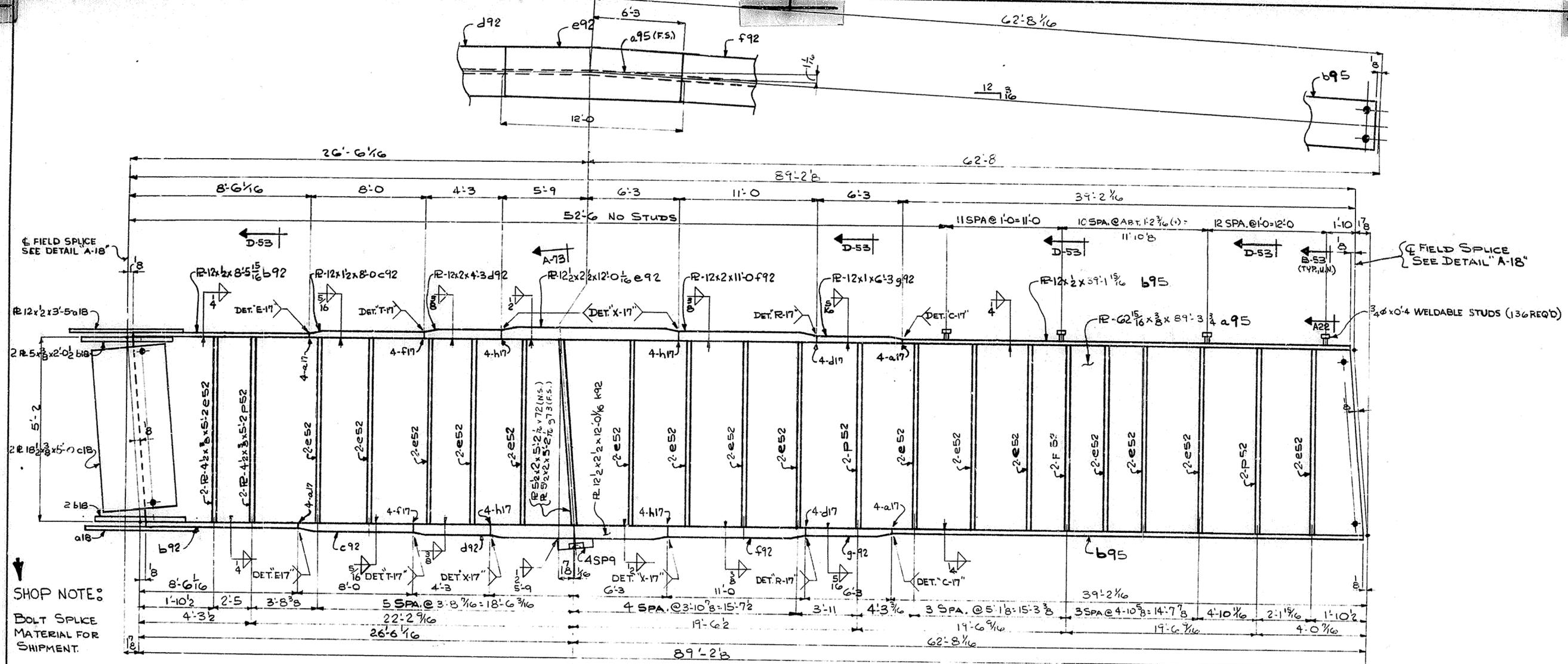
JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 561 PROJ. NO. 164-2(64)2

ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

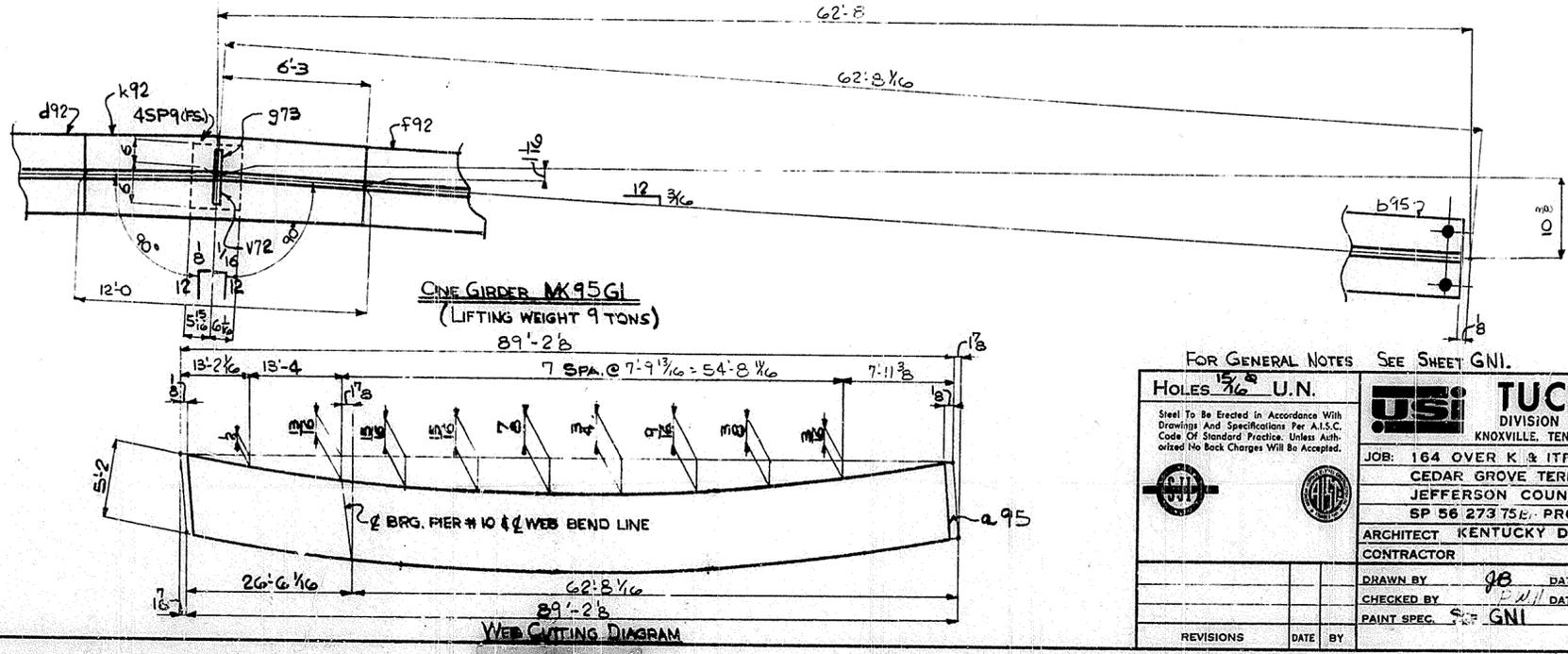
DRAWN BY *JB* DATE 6-69 JOB NO. A-8001
CHECKED BY *P.M.H.* DATE 7-69
PAINT SPEC. SEE GNI SHEET 94 OF

REVISIONS	DATE	BY

SPAN 11



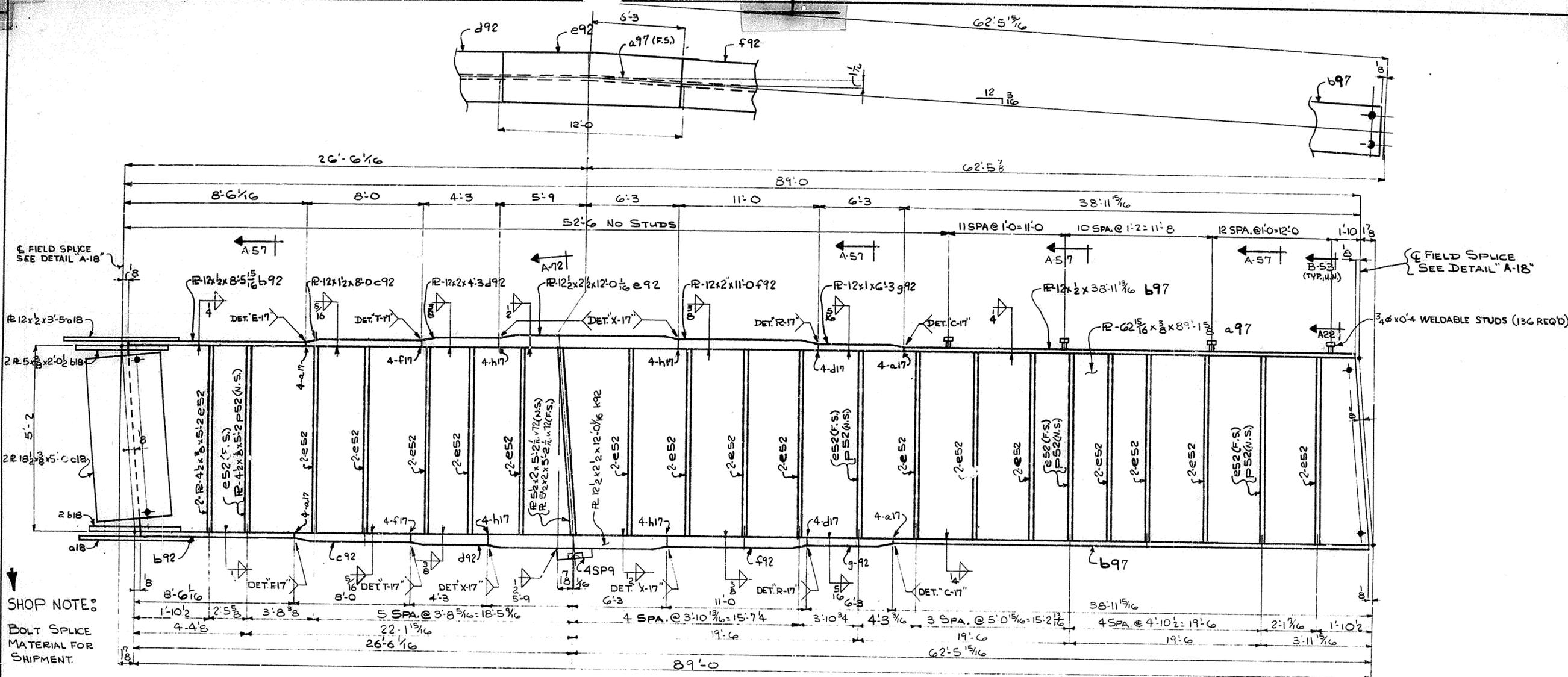
SHOP NOTE:
BOLT SPLICE MATERIAL FOR SHIPMENT.



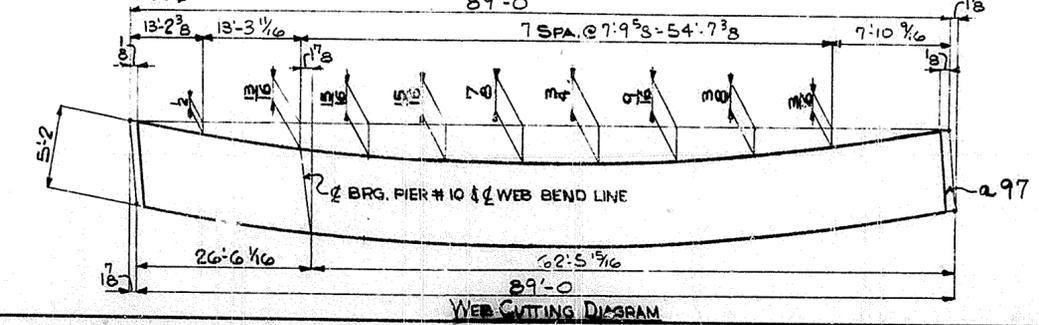
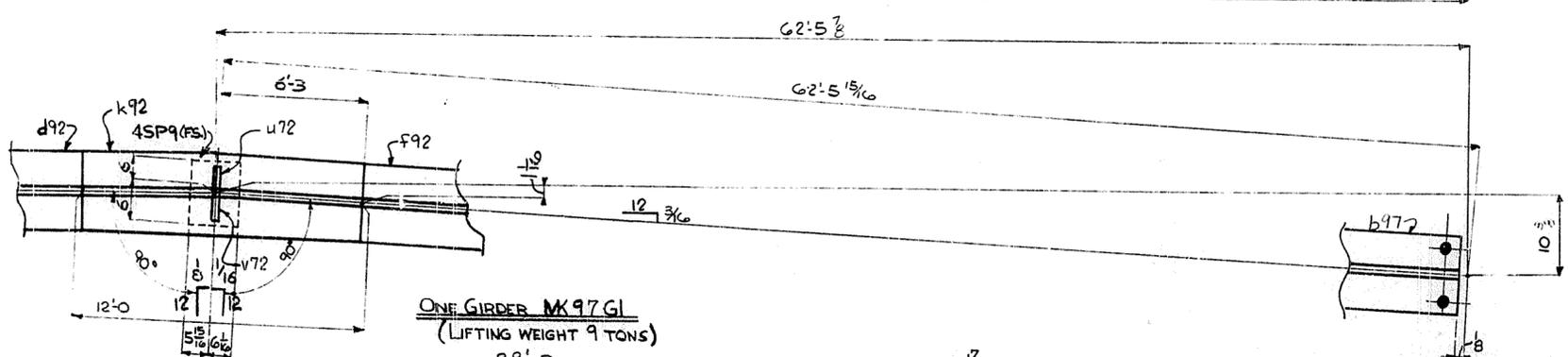
FOR GENERAL NOTES SEE SHEET GNI.

HOLES $\frac{15}{16}$ U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	JOB: 164 OVER K. & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 75E. PROJ. MO. 164-2(6-4)2
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.			
REVISIONS	DATE	BY	DRAWN BY <i>JB</i> DATE 6-69 CHECKED BY <i>P.M.</i> DATE 7-69 PAINT SPEC. <i>S-2</i> GNI
			JOB NO. A-8001 SHEET 95 OF

SPAN 11



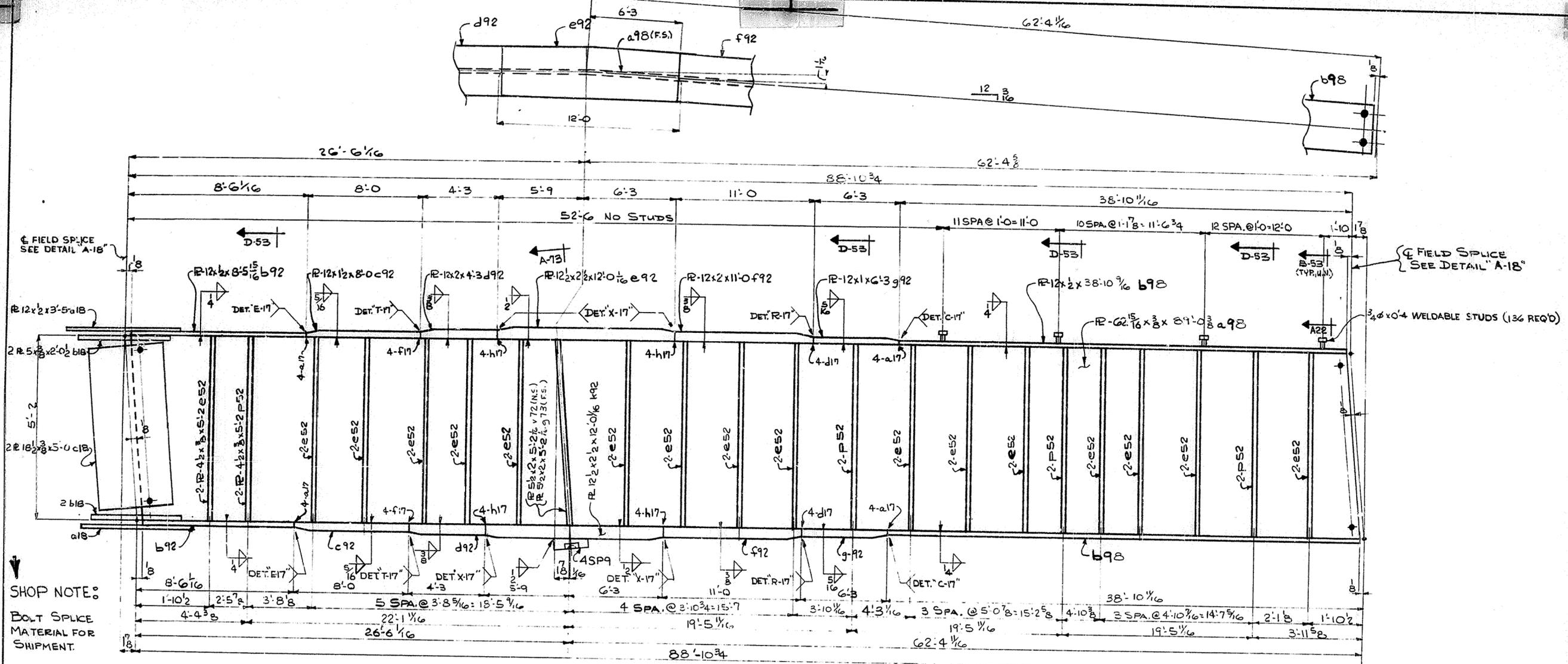
SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.



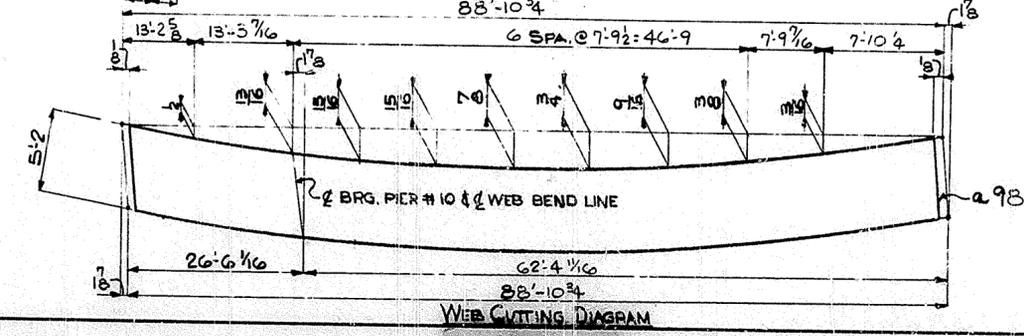
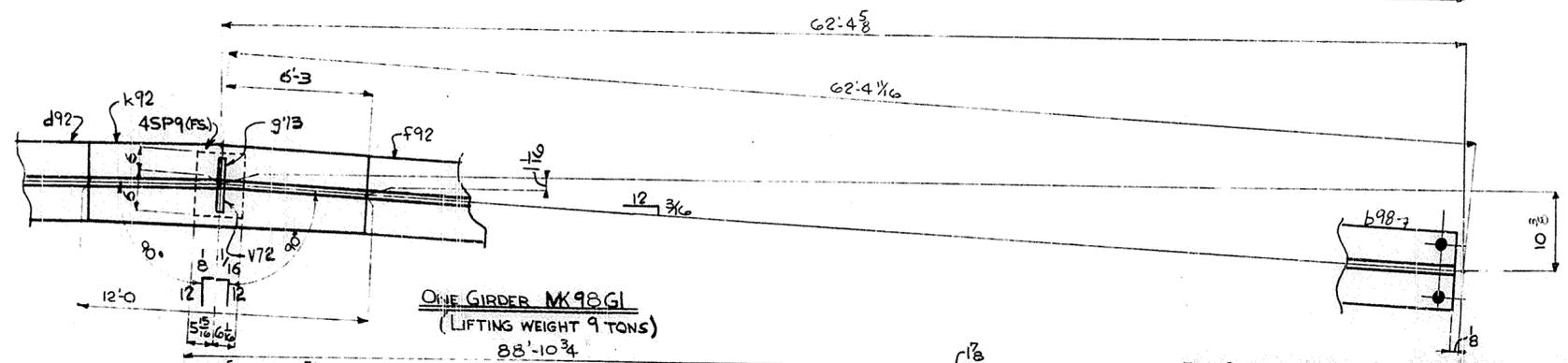
FOR GENERAL NOTES SEE SHEET GNI.

HOLES 1 1/2" U.N.		USI TUCKER STEEL	
Steel To Be Erected in Accordance With Drawing and Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 75B/ PROJ. NO. 164-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	JB	DATE	6-69
CHECKED BY		DATE	
PAINT SPEC. SEE GNI		JOB NO. A-8001	
REVISIONS		DATE BY	
		SHEET 97 OF	

SPAN 11



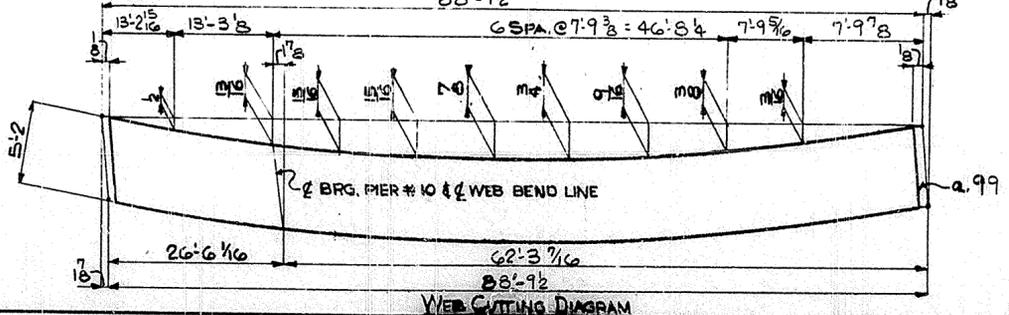
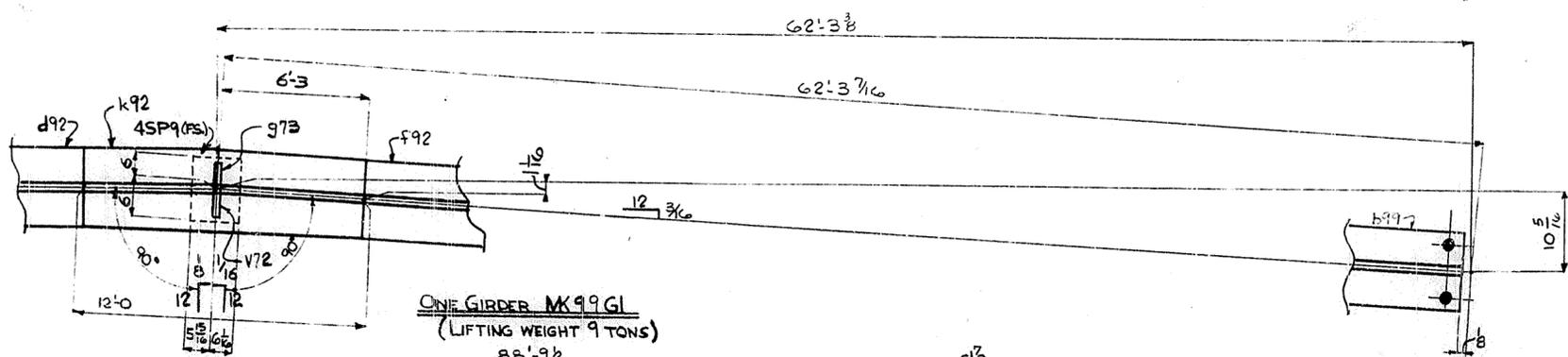
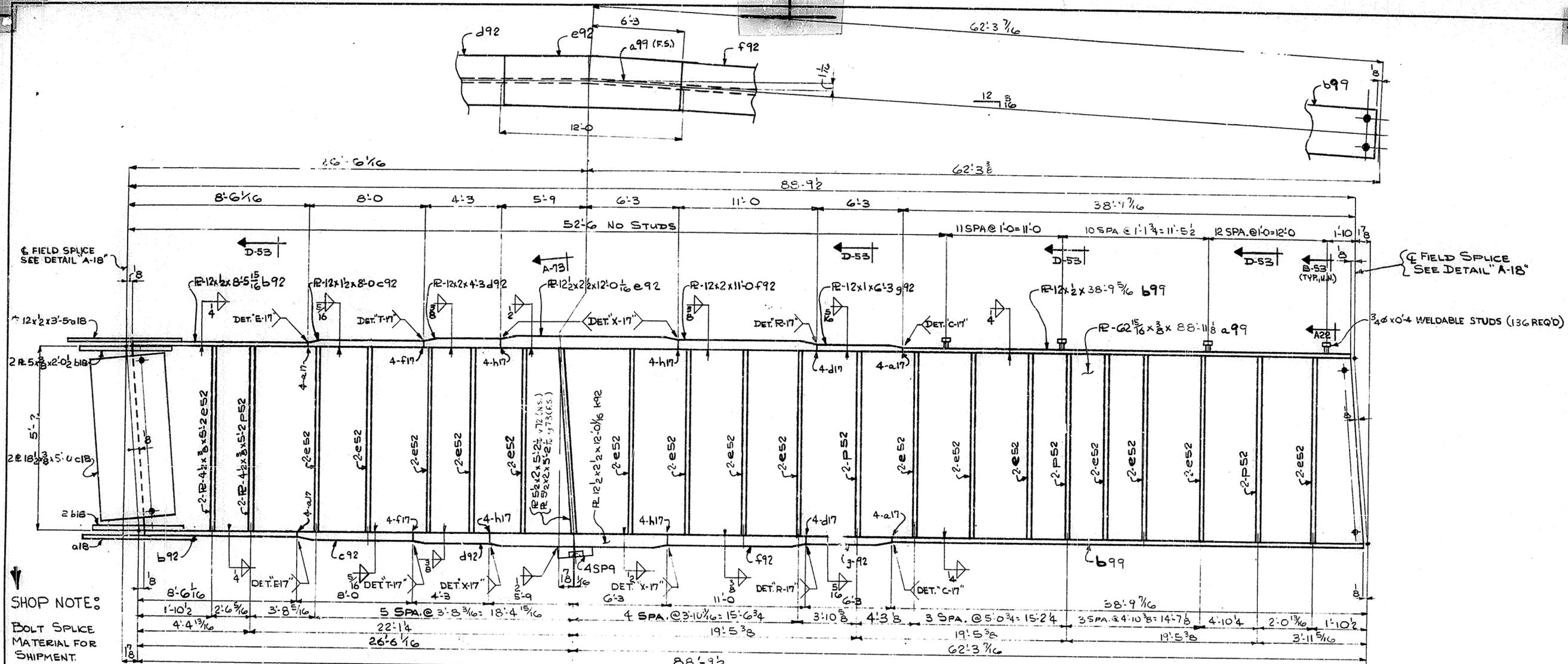
SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.



FOR GENERAL NOTES SEE SHEET GNI.

HOLES $\frac{15}{16}$ U.N.		119	
USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI			
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KY., U.KY. SP 56 273 754 PROJ. NO. 134-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE	CHECKED BY	JOB NO. A-8001
	6-68		
PAYNT SPEC.	SEE GNI		SHEET
			98 OF

SPAN 11



FOR GENERAL NOTES SEE SHEET GNI.

HOLES $\frac{15}{16}$ U.N.

Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

TUCKER STEEL
 DIVISION OF U.S. INDUSTRIES, INC.
 KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 184 OVER K & ITRR AND 27TH STREET
 CEDAR GROVE TERRACE TO 13TH STREET
 JEFFERSON COUNTY, KENTUCKY
 SP 56 273 758- PROJ. NO. 184-2(64)2

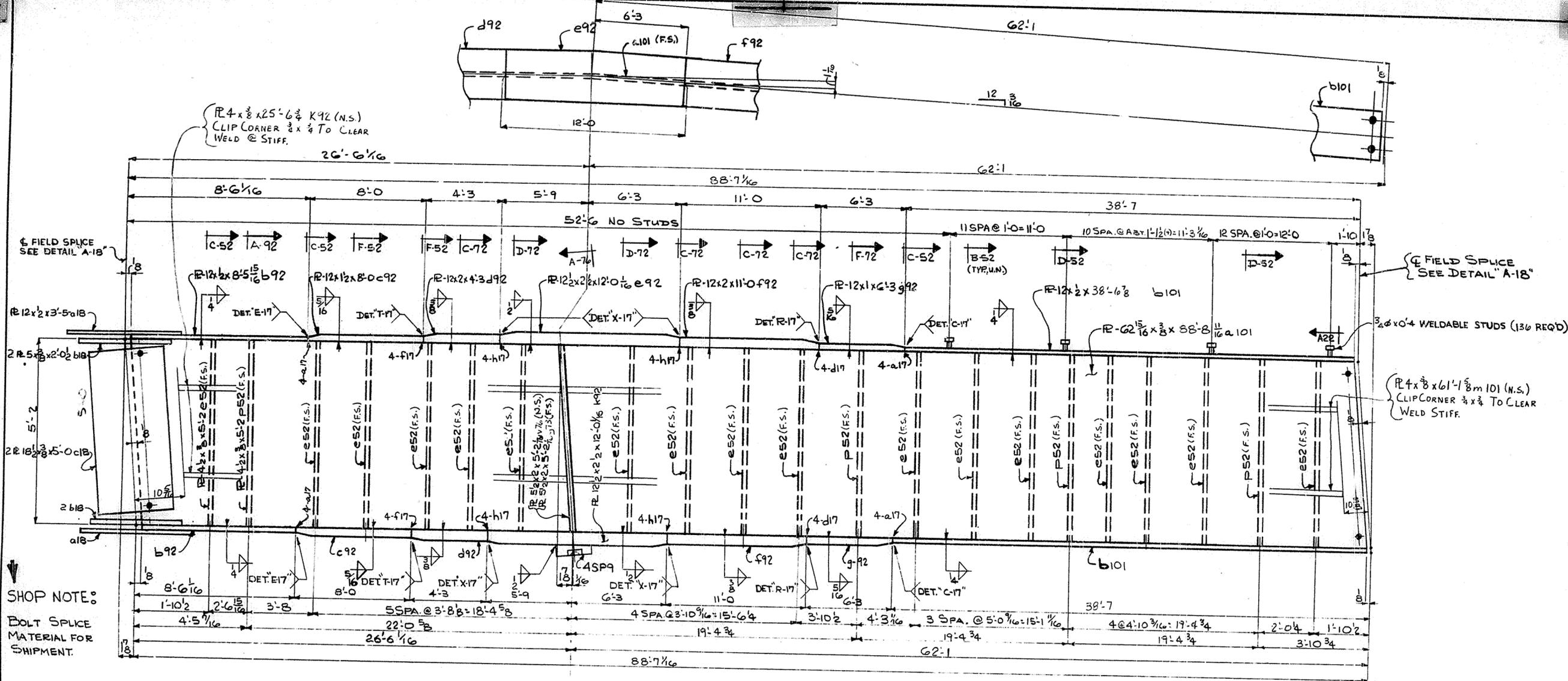
ARCHITECT KENTUCKY DEPT. OF HWYS.

CONTRACTOR

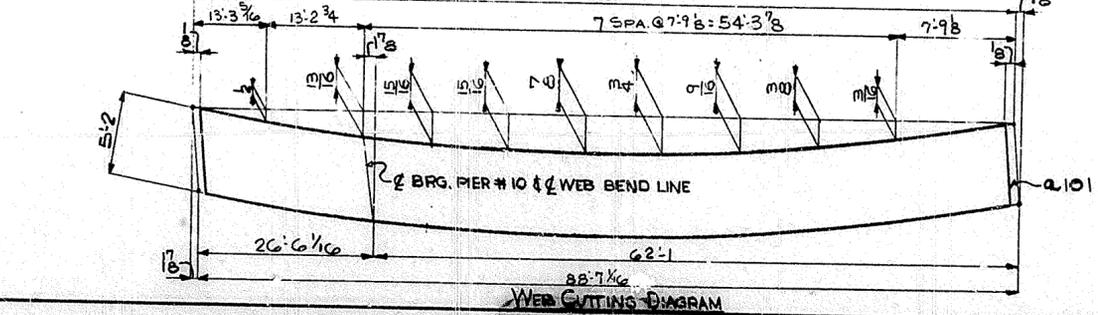
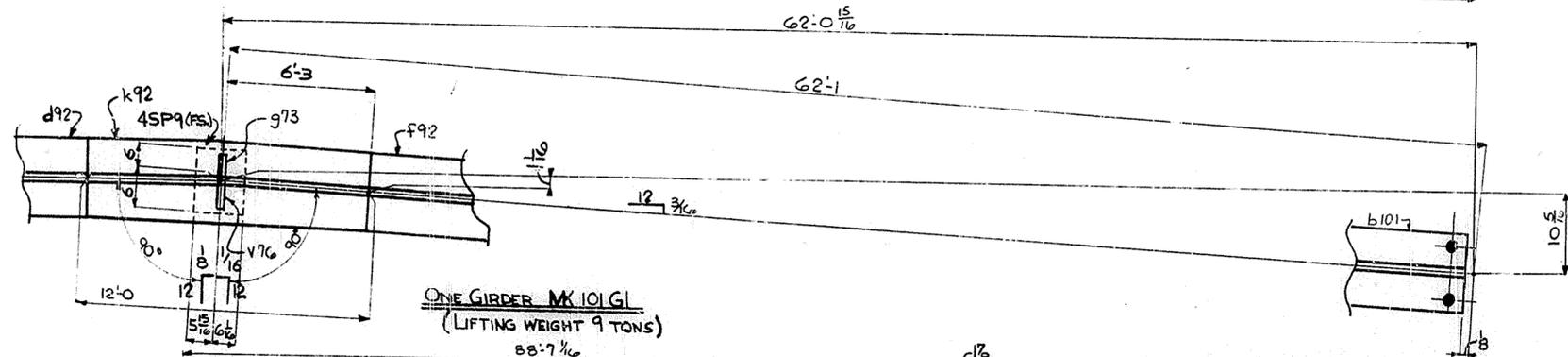
DRAWN BY *JB* DATE 6-69 JOB NO. A-8001
 CHECKED BY *P.W.H.* DATE 7-69 SHEET
 PAINT SPEC. SEE GNI 99 OF

REVISIONS	DATE	BY

SPAN 11



SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.



FOR GENERAL NOTES SEE SHEET GNI.

HOLES 7/16" U.N.

Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 75B · PROJ. NO. 164-2(4)2

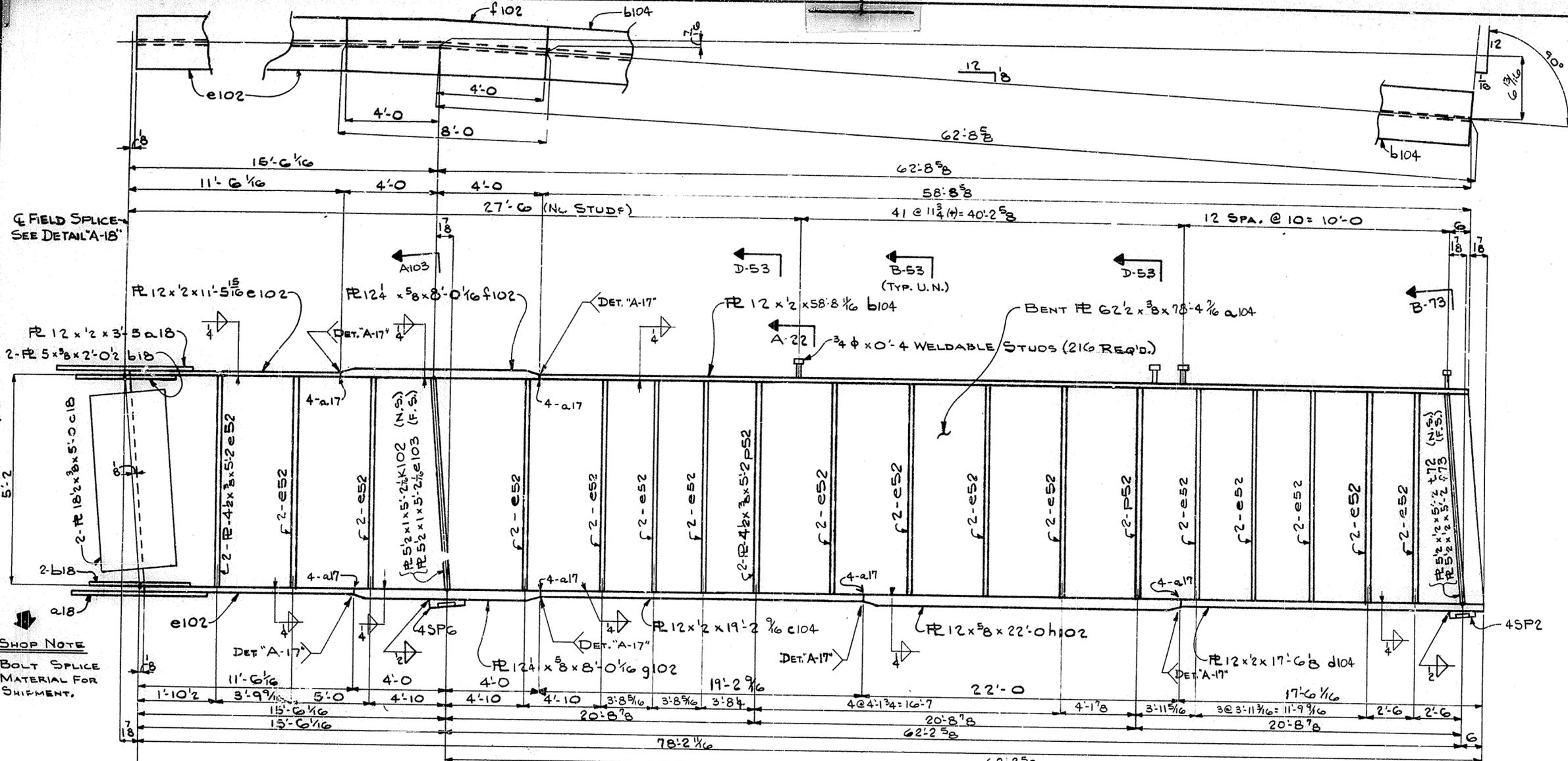
ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

DRAWN BY *JB* DATE 6-69
CHECKED BY *PHH* DATE 7-69
PAINT SPEC. SEE GNI

JOB NO A-8001
SHEET 101 OF

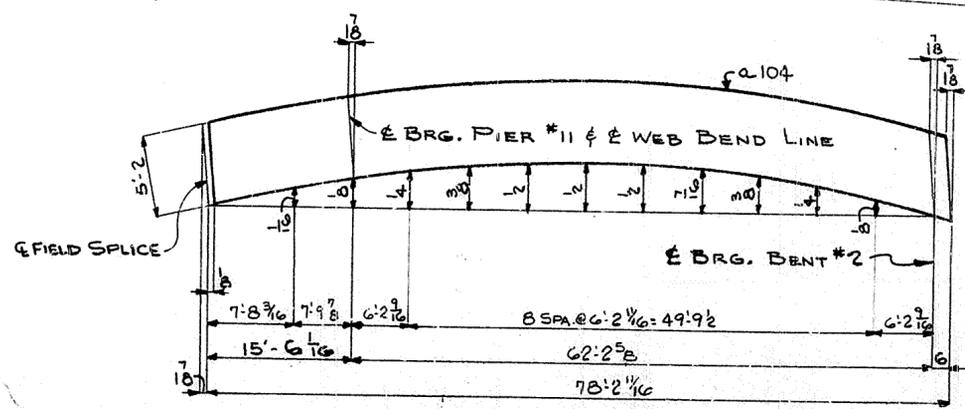
REVISIONS	DATE	BY

SPAN 11



SHOP NOTE
BOLT SPICE MATERIAL FOR SHIPMENT.

ONE GIRDER - MK. 104 G1
(LIFTING WT. = 6 TONS)

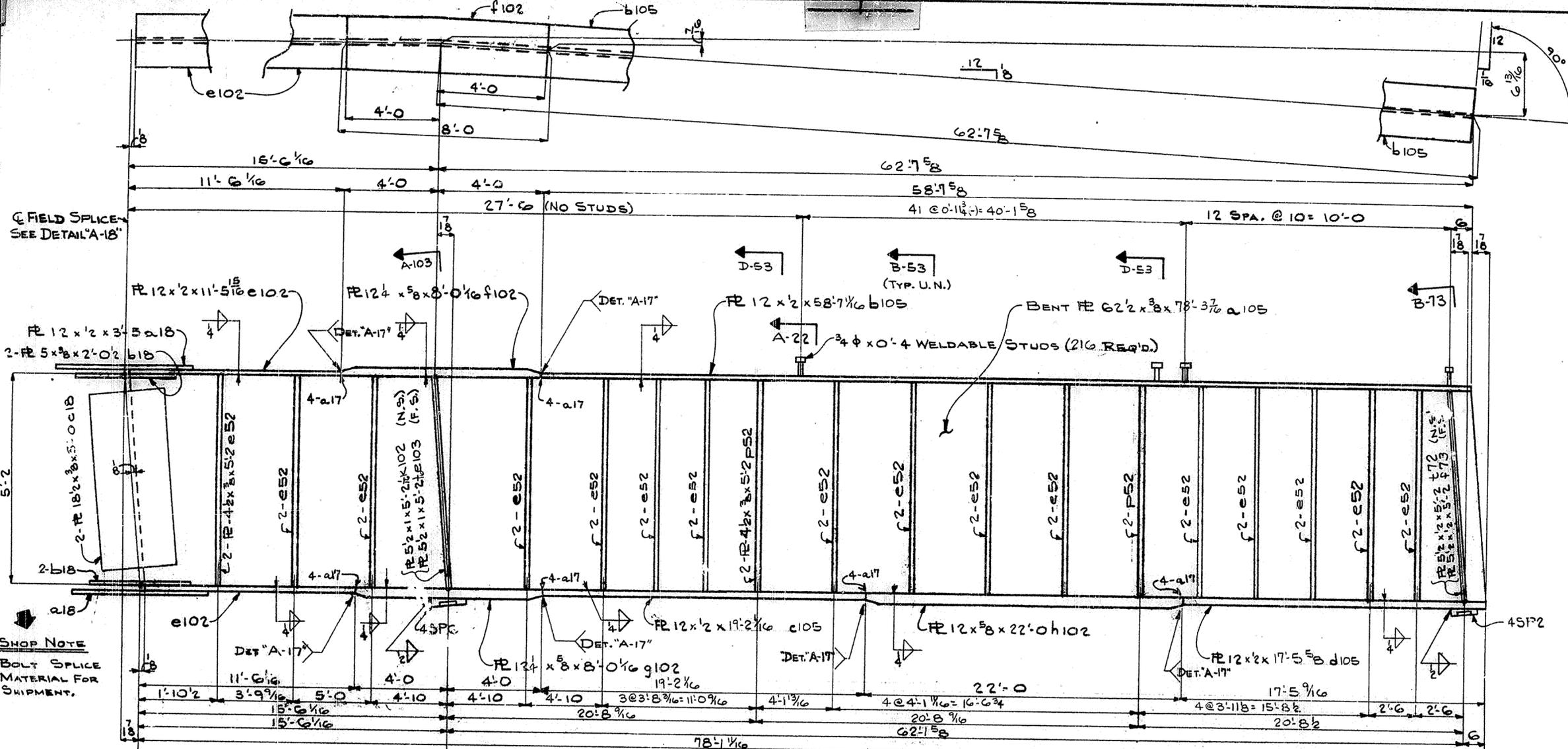


WEB CUTTING DIAGRAM

NOTE:
FOR GENERAL NOTES SEE SHEET GN1.

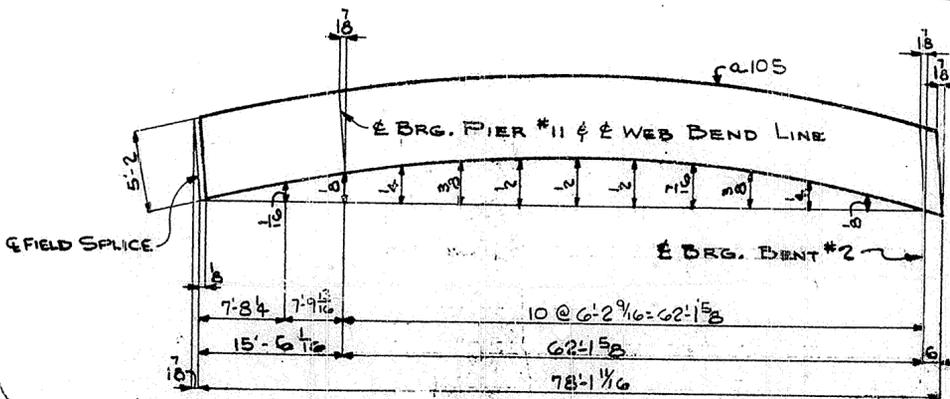
HOLES: 1 1/16" U.N. <small>Steel To Be Erected in Accordance With Drawing, And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY BP 55 273.7581 PROJ. NO. 164-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS.		
CONTRACTOR DRAWN BY: <i>JB</i> DATE: 1/69 CHECKED BY: <i>PW</i> DATE: 7/67 PAINT SPEC. SEE GN1		JOB NO. A-5001 SHEET 104 OF
REVISIONS	DATE	BY

Span 12

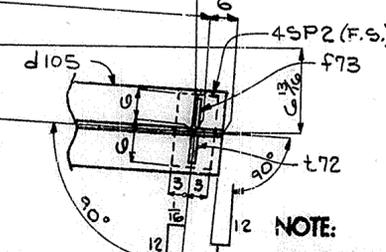


SHOP NOTE
BOLT SPICE
MATERIAL FOR
SHIPMENT.

ONE GIRDER - MK. 105 G1
(LIFTING WT. = 6 TONS)



ELEVATING DIAGRAM

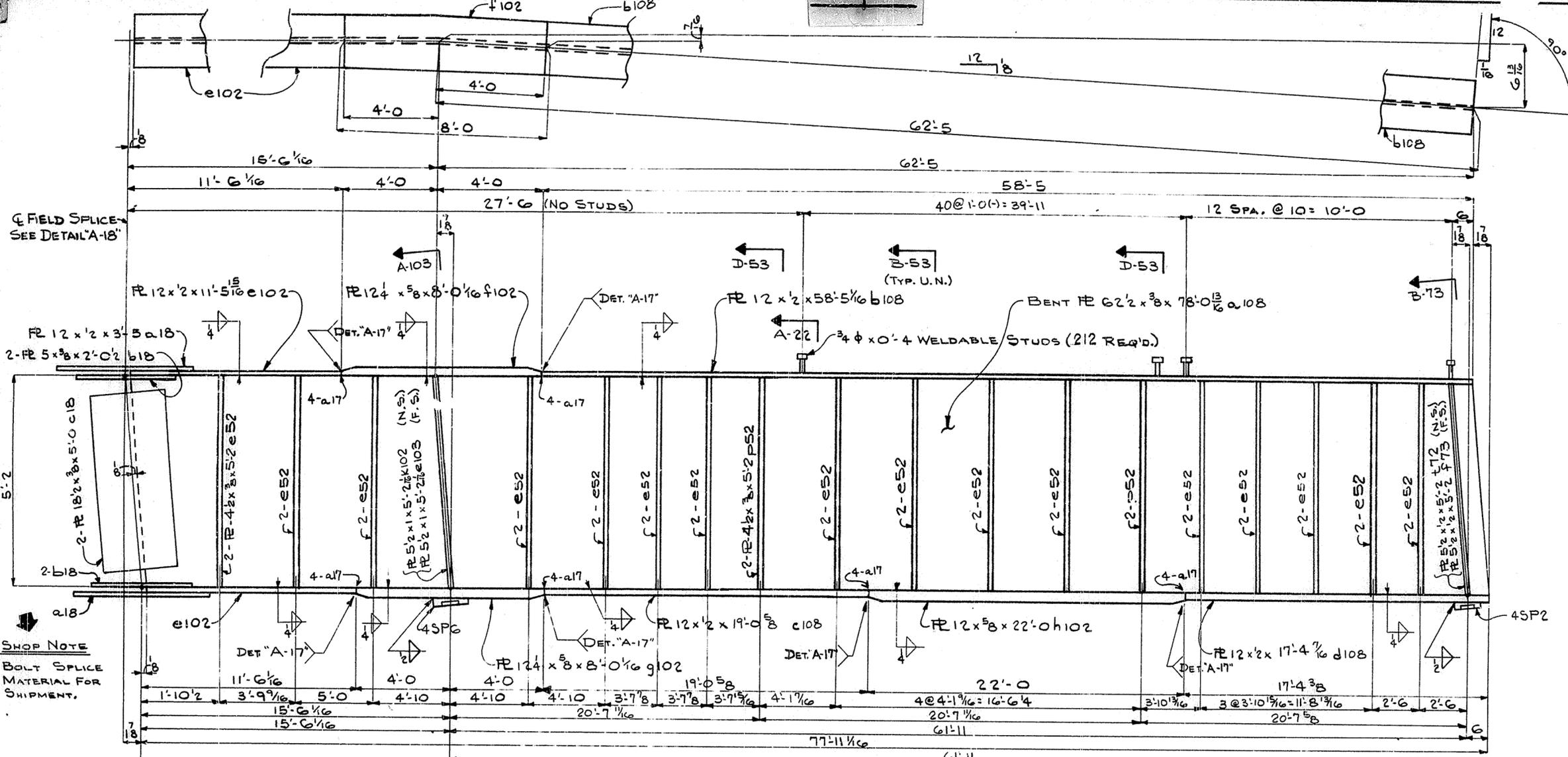


NOTE:
FOR GENERAL NOTES SEE SHEET GN1.

HOLES 1/16" U.N.		JSI TUCKER STEEL	
Steel to be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 104 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 759 - PROJ. NO. 104-2(64)2			
ARCHITECT KENTUCKY DEPT. OF HWY'S			
CONTRACTOR			
DRAWN BY	DATE	JOB NO.	A-8001
CHECKED BY	DATE	SHEET	105 OF
PAINT SPEC. SEE GN1			
REVISIONS	DATE BY		

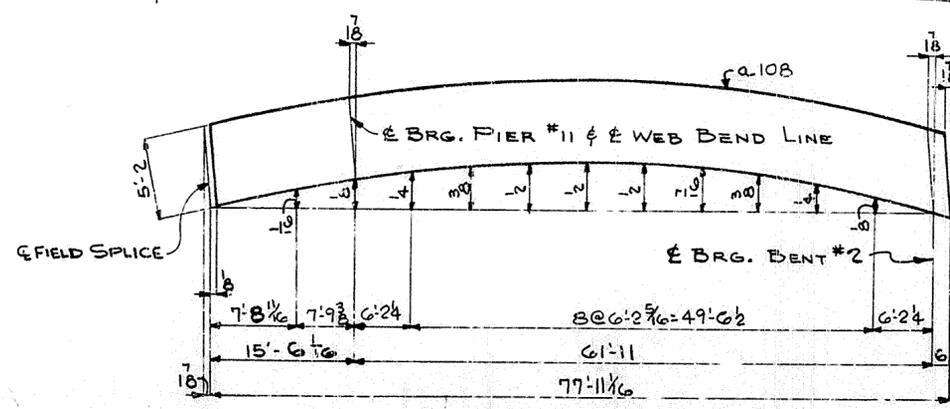
126

SPAN 12

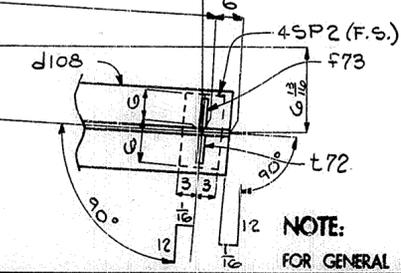


SHOP NOTE
BOLT SPLICE MATERIAL FOR SHIPMENT.

ONE GIRDER - MK. 108 G1
(LIFTING WT. = 6 TONS)



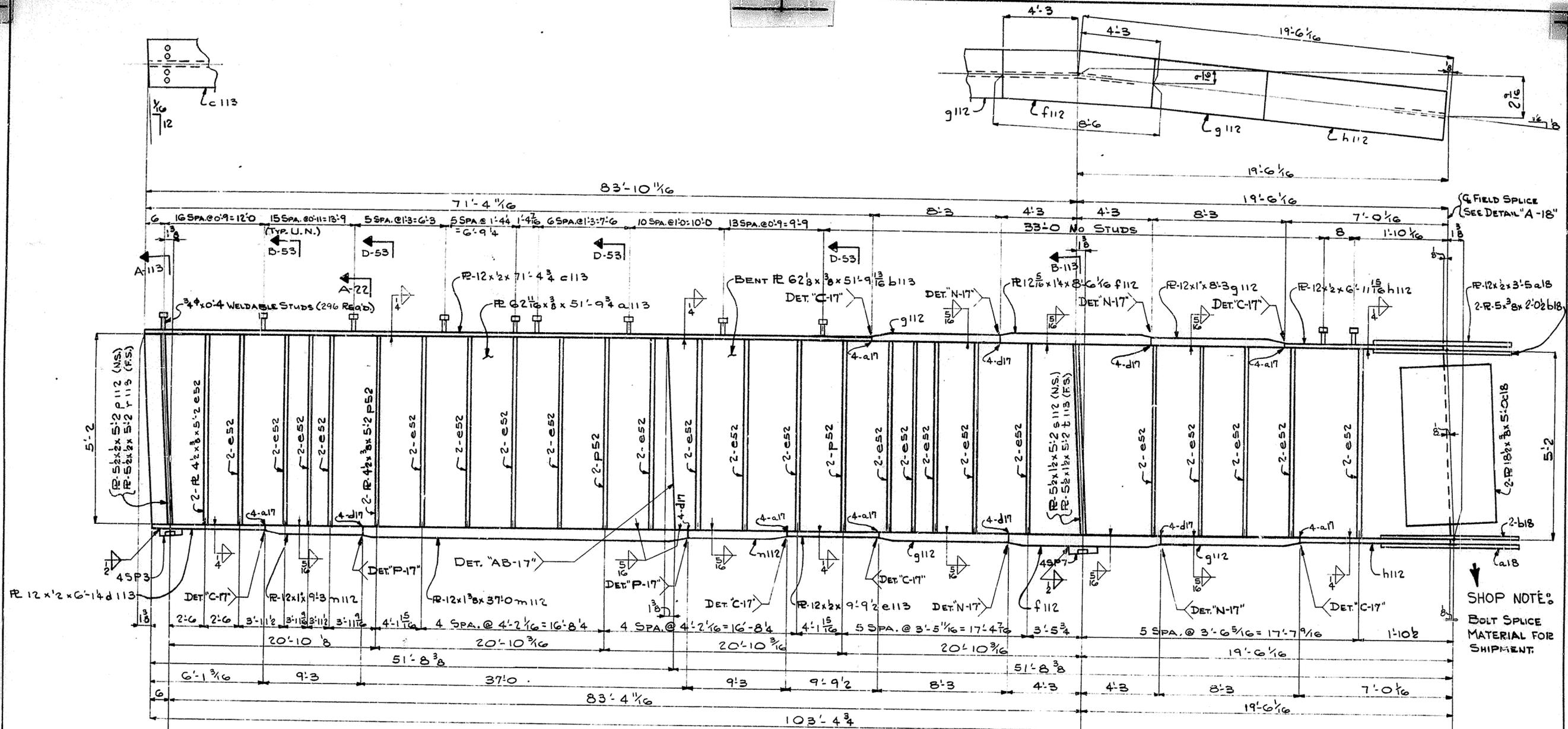
WEB CUTTING DIAGRAM



NOTE:
FOR GENERAL NOTES SEE SHEET GN.1.

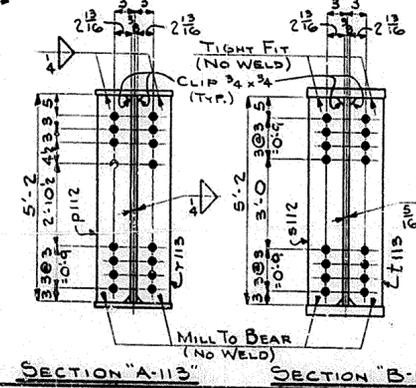
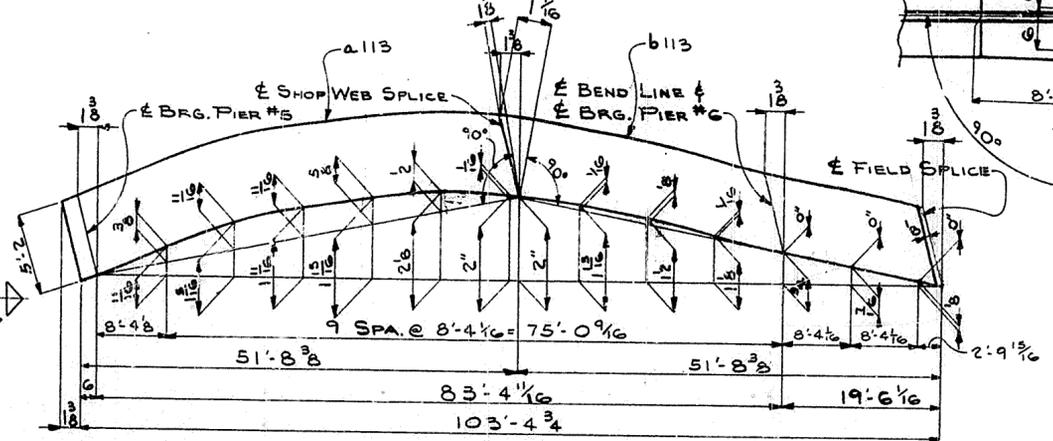
Holes 1 1/2" U.N. <small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MEMPHIS, MISSISSIPPI
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 58 273 7581 - PROJ. NO. 184-2(64)2		
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:		JOB NO.: A-8001
DRAWN BY: [Signature] DATE: 7/69 CHECKED BY: [Signature] DATE: 7/69 PAINT SPEC.: SILE GN.1		SHEET: 108 OF
REVISIONS	DATE	BY

SPAN 12



SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.

ONE GIRDER MK. 113 G1
(LIFTING WEIGHT 9 TONS)

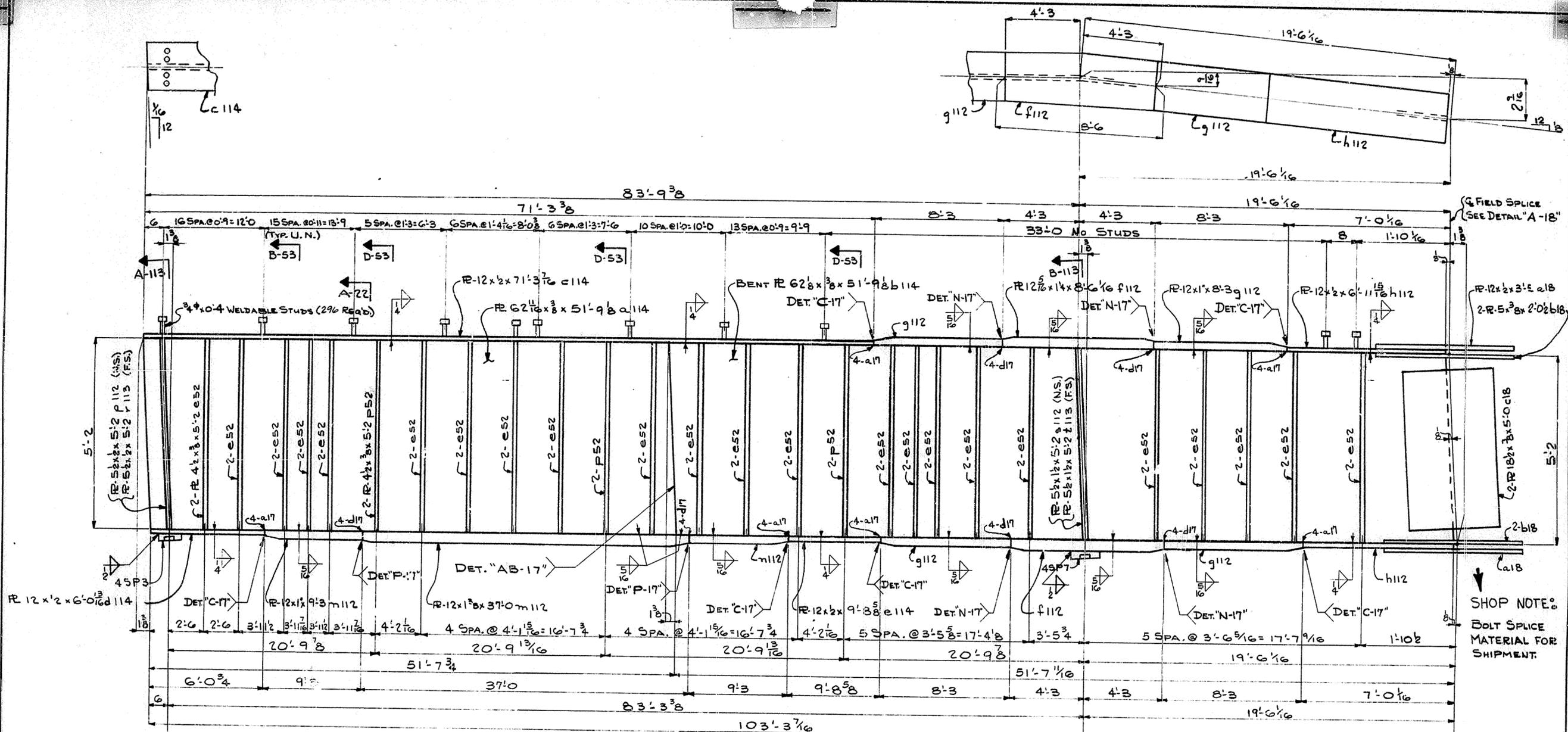


WEB CUTTING DIAGRAM

NOTE: 134
FOR GENERAL NOTES SEE SHEET GN1.

HOLES 1 1/16" U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY WP 58 273 7587 PROJ. NO. 164-2(64)2			
ARCHITECT: KENTUCKY DEPT. OF HWYS.			
CONTRACTOR:			
DRAWN BY: [Signature]	DATE: 7/69	JOB NO. A-8001	
CHECKED BY: P.W.H.	DATE: 7-69	SHEET	
PAINT SPEC: SEE GN1		113 OF	
REVISIONS	DATE	BY	

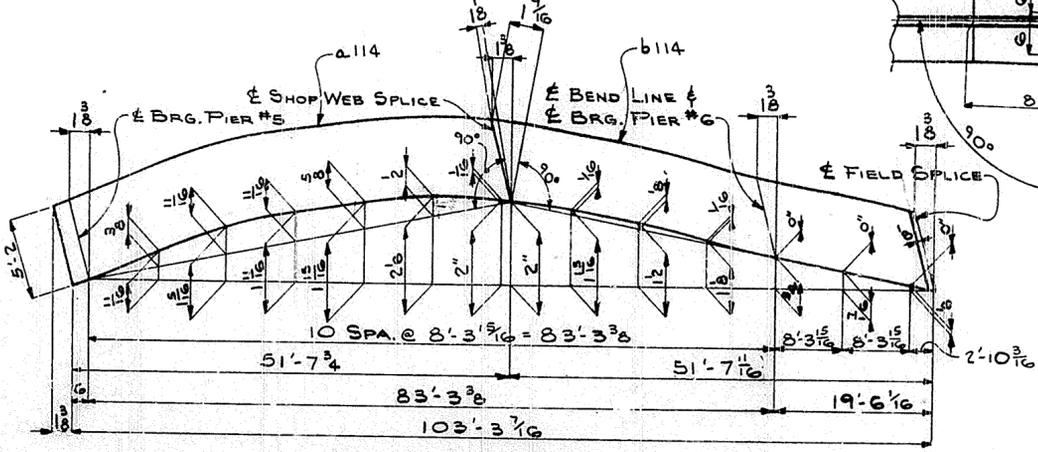
SPAN #0



FIELD SPICE
SEE DETAIL "A-18"

SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.

ONE GIRDER MK. 114G1
(LIFTING WEIGHT 9 TONS)



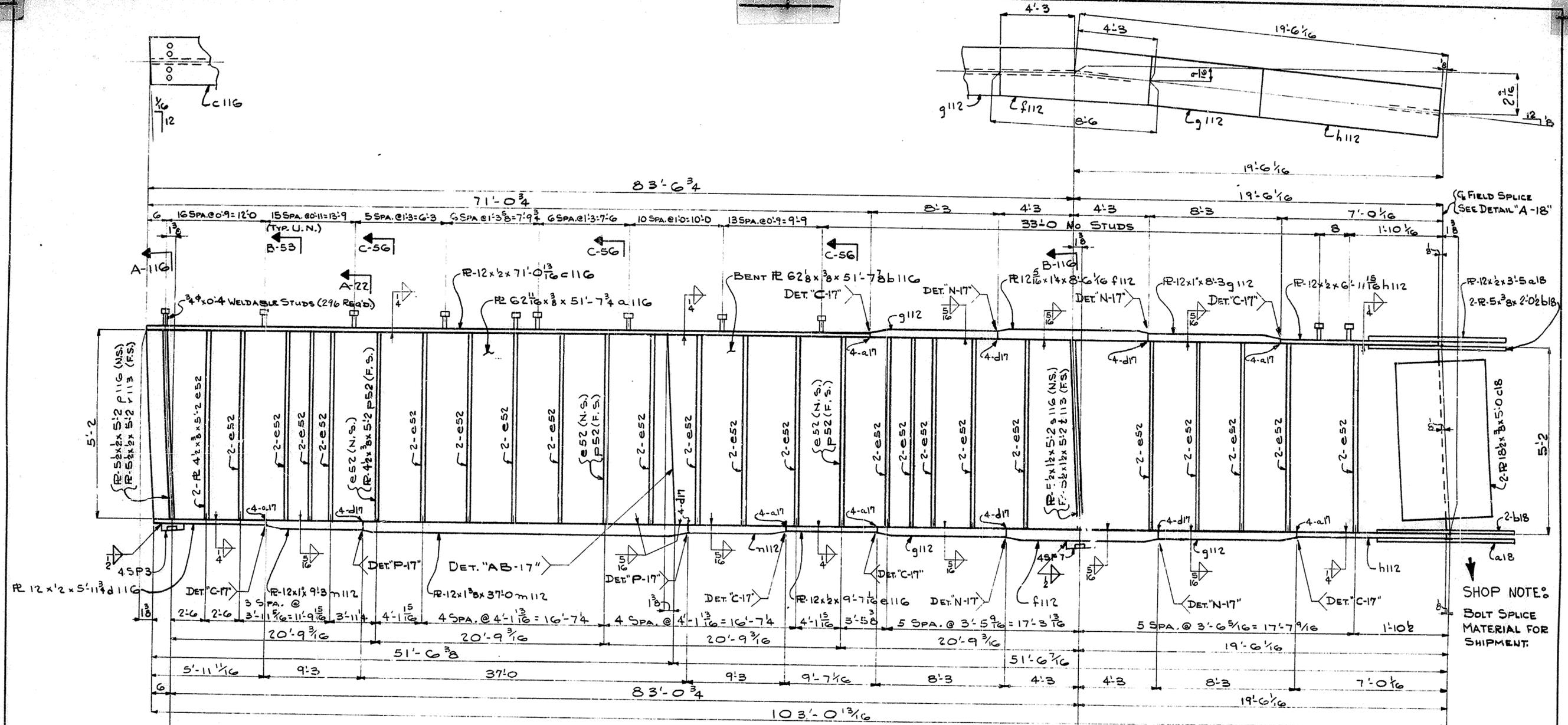
WEB CUTTING DIAGRAM

NOTE:
FOR GENERAL NOTES SEE SHEET GN1.

135

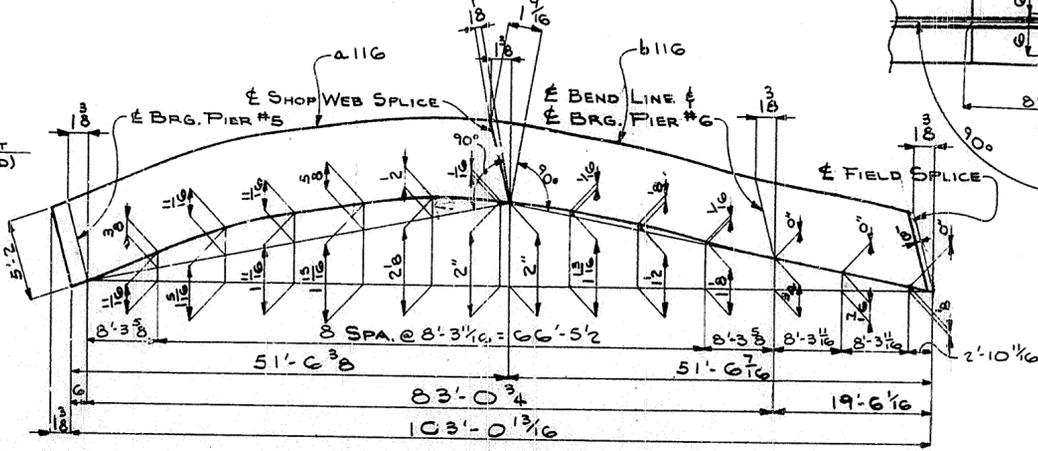
HOLES 15/16" U.N.		TUCKER STEEL	
Steel to be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized by Book Charges Will be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 58 273 7581 PROJ. NO. 164-2(6)2			
ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR			
DRAWN BY	DATE 7/69	JOB NO. A-8001	
CHECKED BY P.W.H.	DATE 7-69	SHEET	
PAINT SPEC. SEE GN1		114 OF	
REVISIONS	DATE	BY	

SPAN #C



SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.

ONE GIRDER M. 116G1
(LIFTING WEIGHT 9 TONS)



SECTION "A-116" SECTION "B-116"

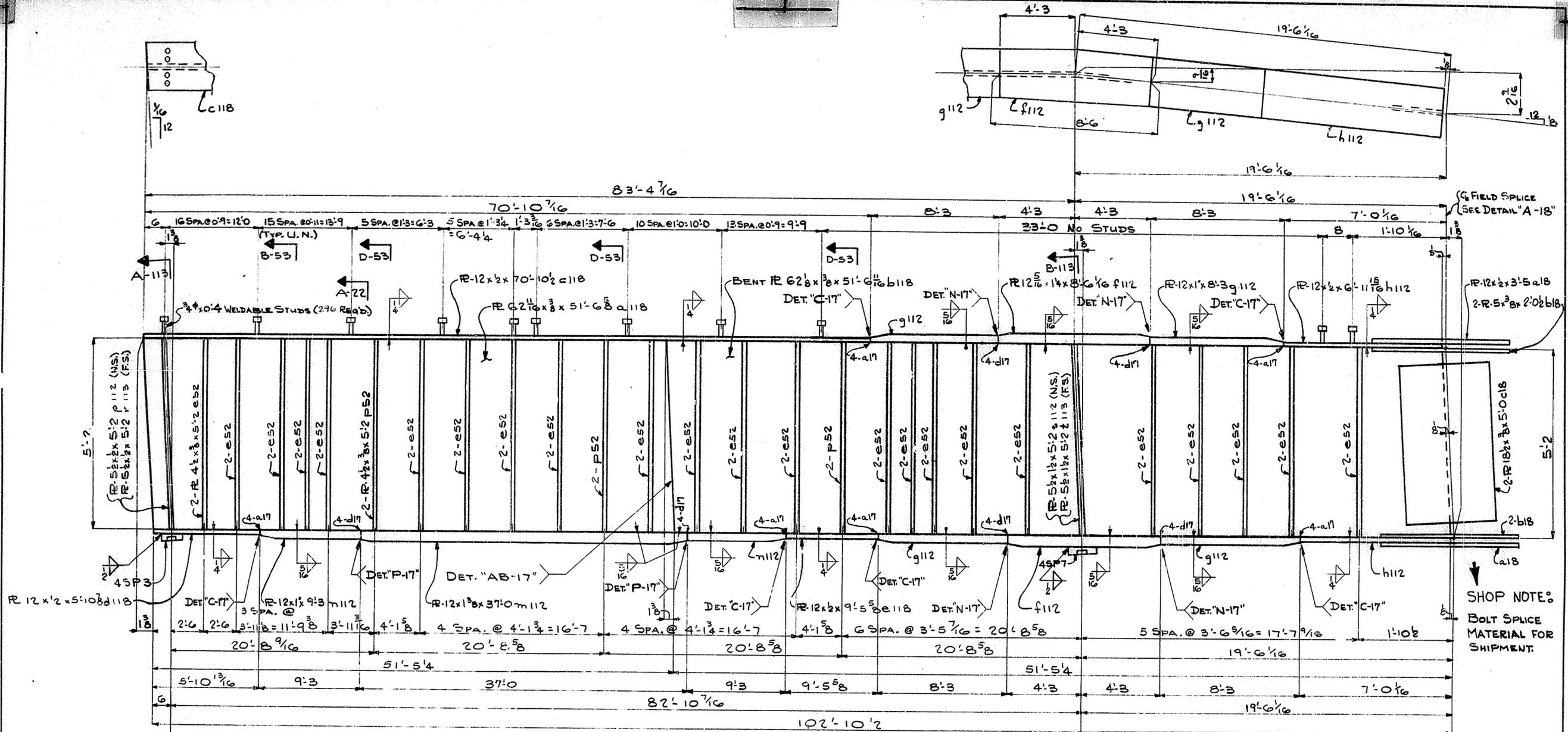
WEB CUTTING DIAGRAM

HOLES 1 1/2" U.N. <small>Steel to Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice, Unless Authorized the Book Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 768 PROJ. NO. 164-2(54)2		
ARCHITECT: KENTUCKY DEPT. OF HWYS. CONTRACTOR:		DRAWN BY: <i>[Signature]</i> DATE: 7/69 NO. A-8001 CHECKED BY: <i>[Signature]</i> DATE: 7-5 SHEET PAINT SPEC. SEE GN1 116 OF
REVISIONS: DATE BY:		

NOTE:
FOR GENERAL NOTES SEE SHEET GN1.

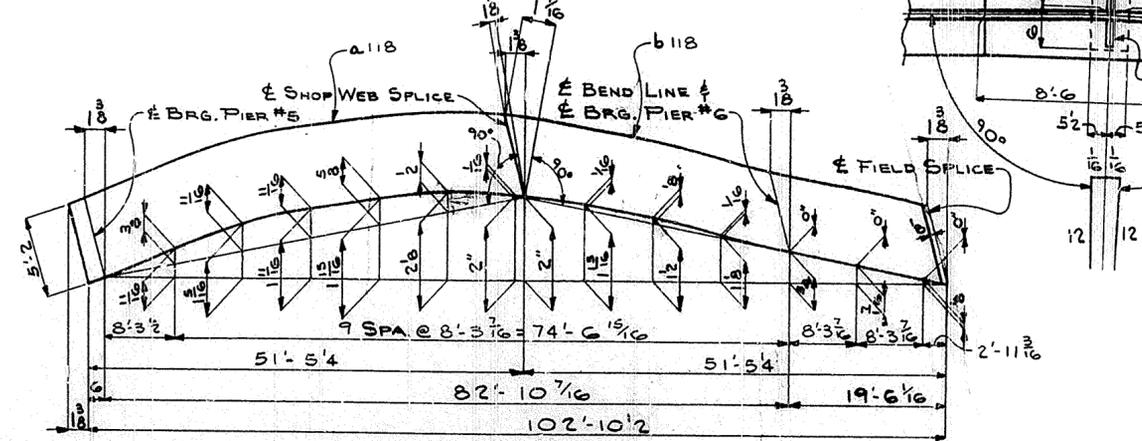
137

SPAN #6



SHOP NOTE:
BOLT SPICE
MATERIAL FOR
SHIPMENT.

ONE GIRDER MK. 118G1
(LIFTING WEIGHT 9 TONS)



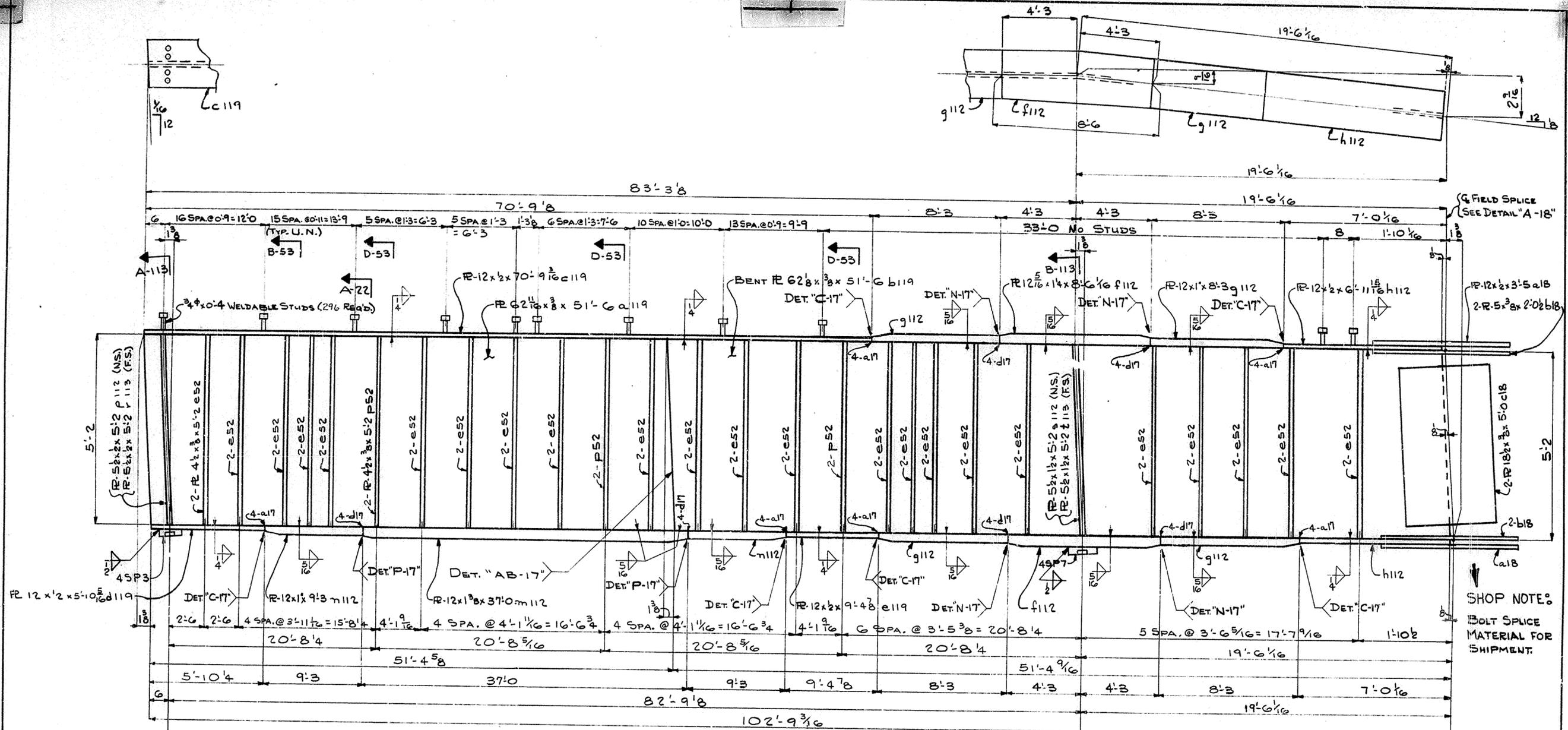
WEB CUTTING DIAGRAM

NOTE:
FOR GENERAL NOTES SEE SHEET GN1.

139

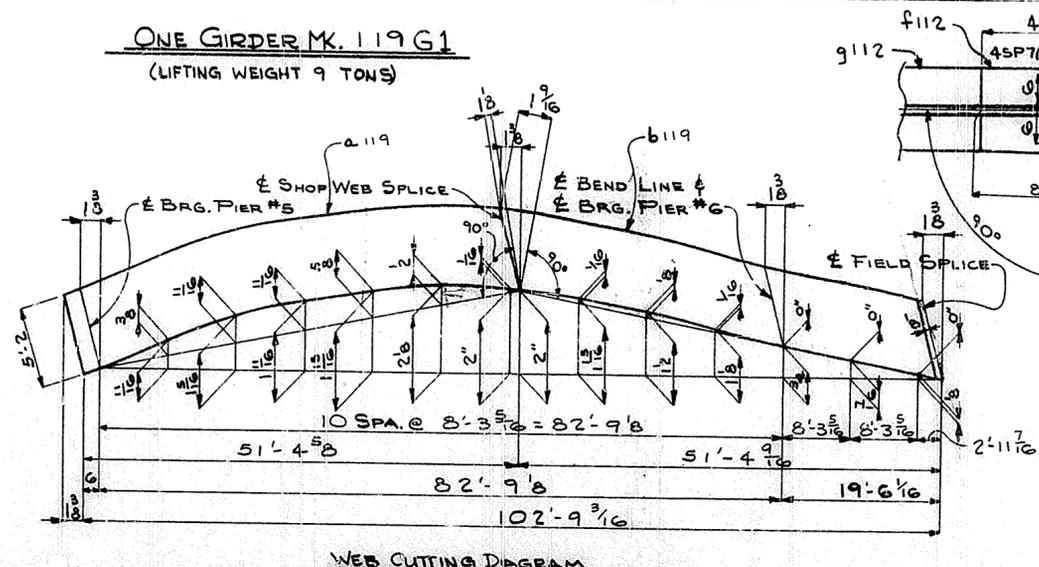
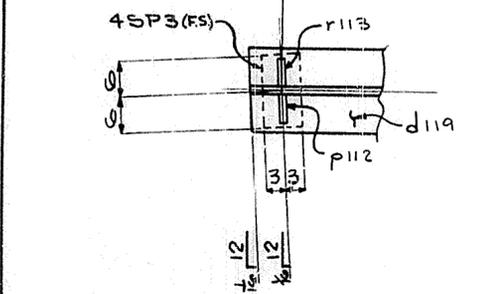
HOLES $\frac{15}{16}$ " U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel to be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code of Standard Practice. Unless Authorized No Book Charges Will Be Accepted.</small>		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 25 273 7581-PROJ. NO. 164-2(64)2		
ARCHITECT: KENTUCKY DEPT. OF HWYS.		
CONTRACTOR:		
DRAWN BY: [Signature]	DATE: 7/69	JOB NO. A-8001
CHECKED BY: [Signature]	DATE: 7-69	SHEET
PAINT SPEC. SEE GN1		118 OF
REVISIONS	DATE	BY

SPAN #6

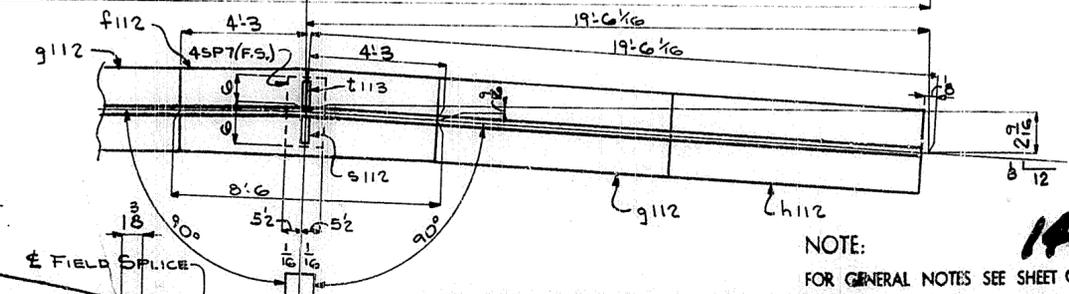


FIELD SPICE
SEE DETAIL "A-18"

SHOP NOTES:
BOLT SPICE
MATERIAL FOR
SHIPMENT.



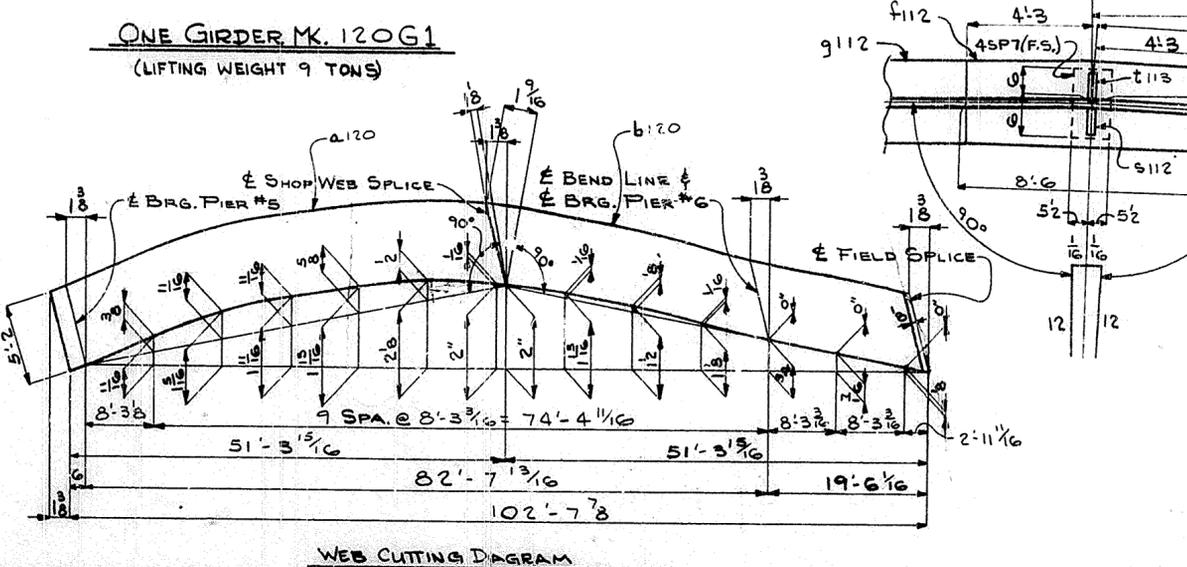
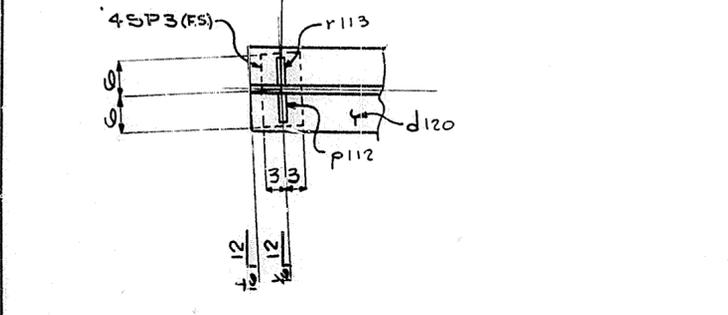
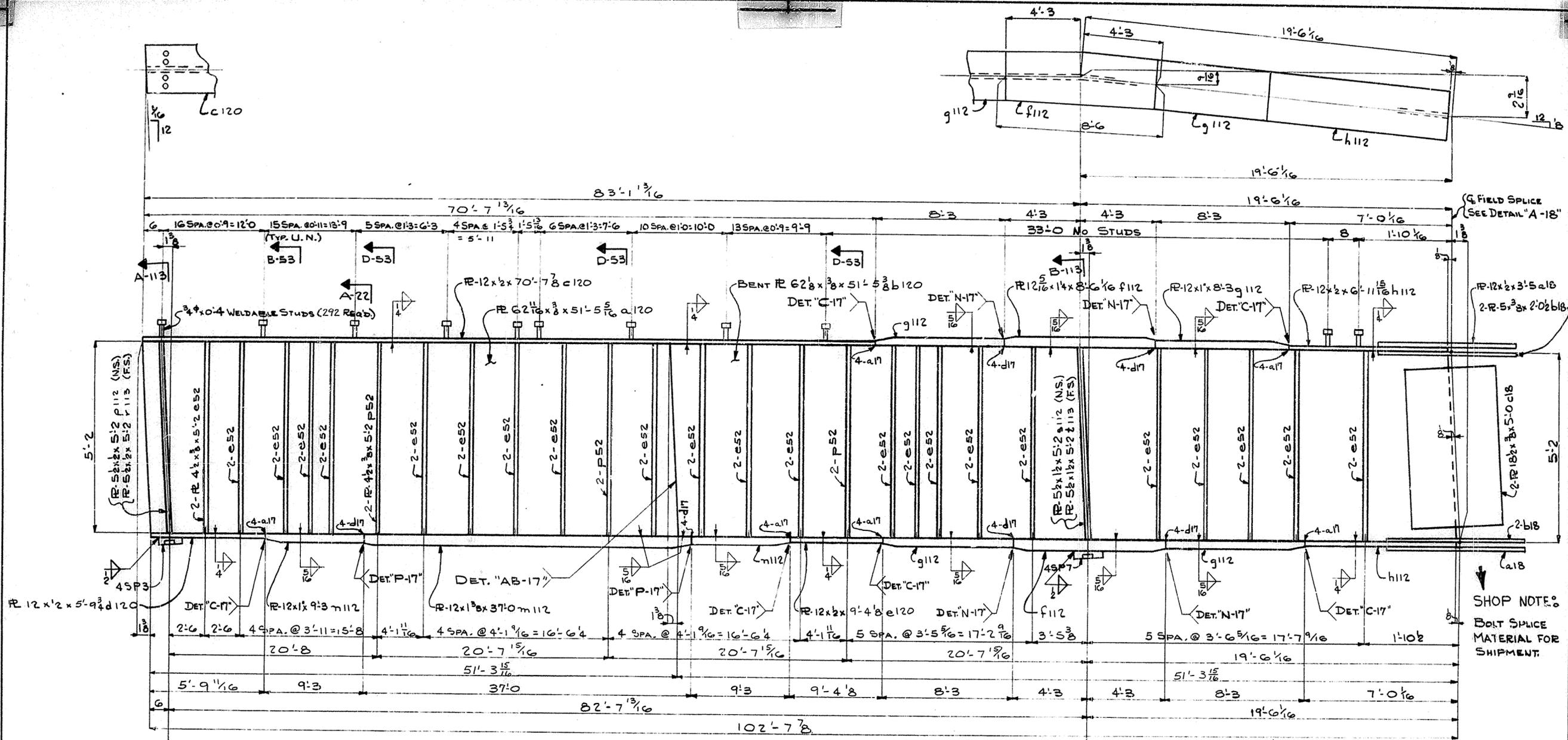
ONE GIRDER M. 119 G1
(LIFTING WEIGHT 9 TONS)



NOTE:
FOR GENERAL NOTES SEE SHEET G.N1.

HOLES 1 5/16" U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.			
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY BP 55 273 7581- PROJ. NO. 164-2(6A)2			
ARCHITECT: KENTUCKY DEPT. OF HWYS.			
CONTRACTOR:			
DRAWN BY: <i>ZOB</i>	DATE: 7/69	JOB NO. A-8001	
CHECKED BY: <i>P.W.H.</i>	DATE: 7-61	SHEET	
PAINT SPEC. SEE G.N1		119 OF	
REVISIONS	DATE	BY	

SPAN #6

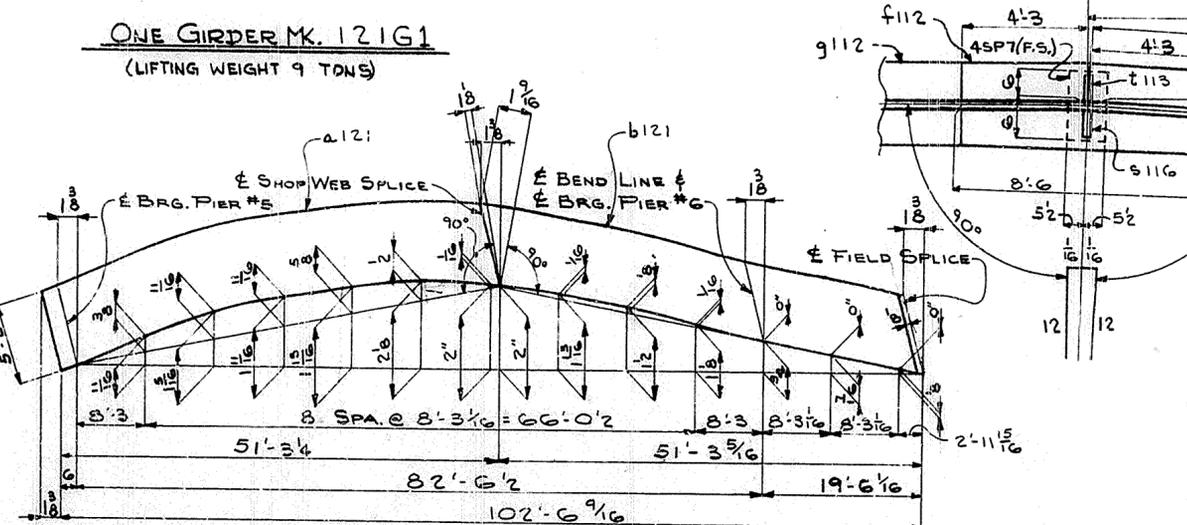
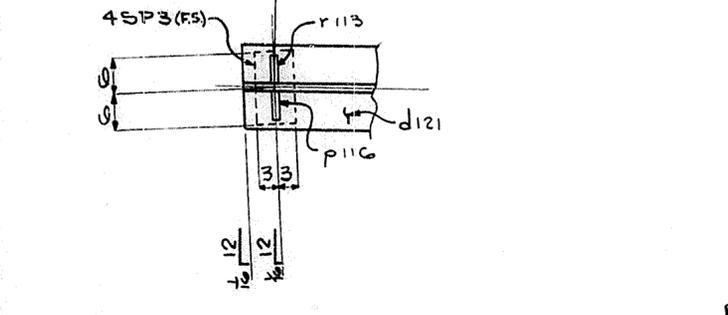
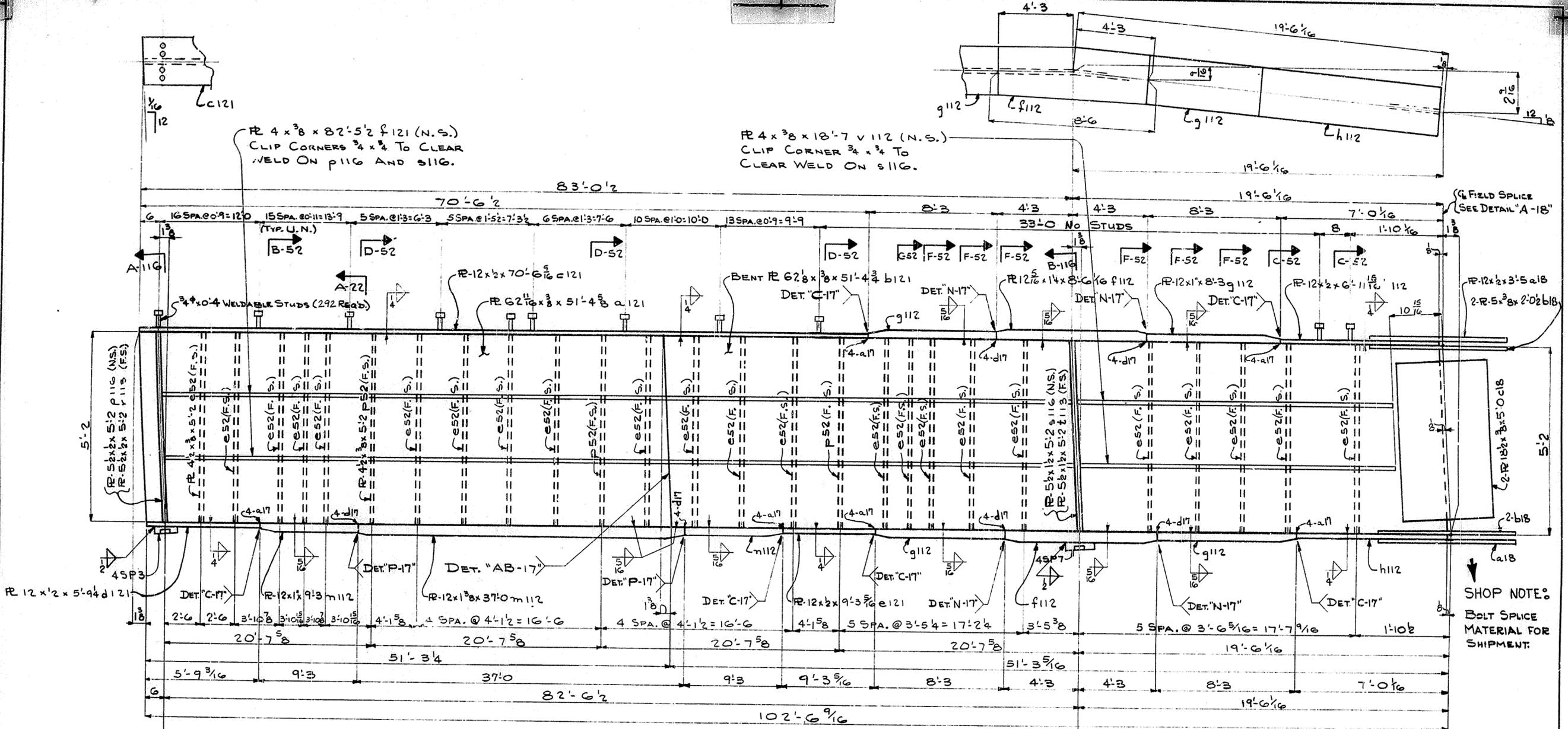


NOTE: FOR GENERAL NOTES SEE SHEET GN1.

141

HOLES 15/16" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		
		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 2/3 75B- PROJ. NO. 164-2(64)2
ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR		DRAWN BY [Signature] DATE 7/69 JOB NO. A-8001 CHECKED BY P.W.H. DATE 7-61 SHEET PAINT SPEC. SEE GN1 120 OF
REVISIONS	DATE BY	

SPAN #6



NOTE: FOR GENERAL NOTES SEE SHEET GN1.

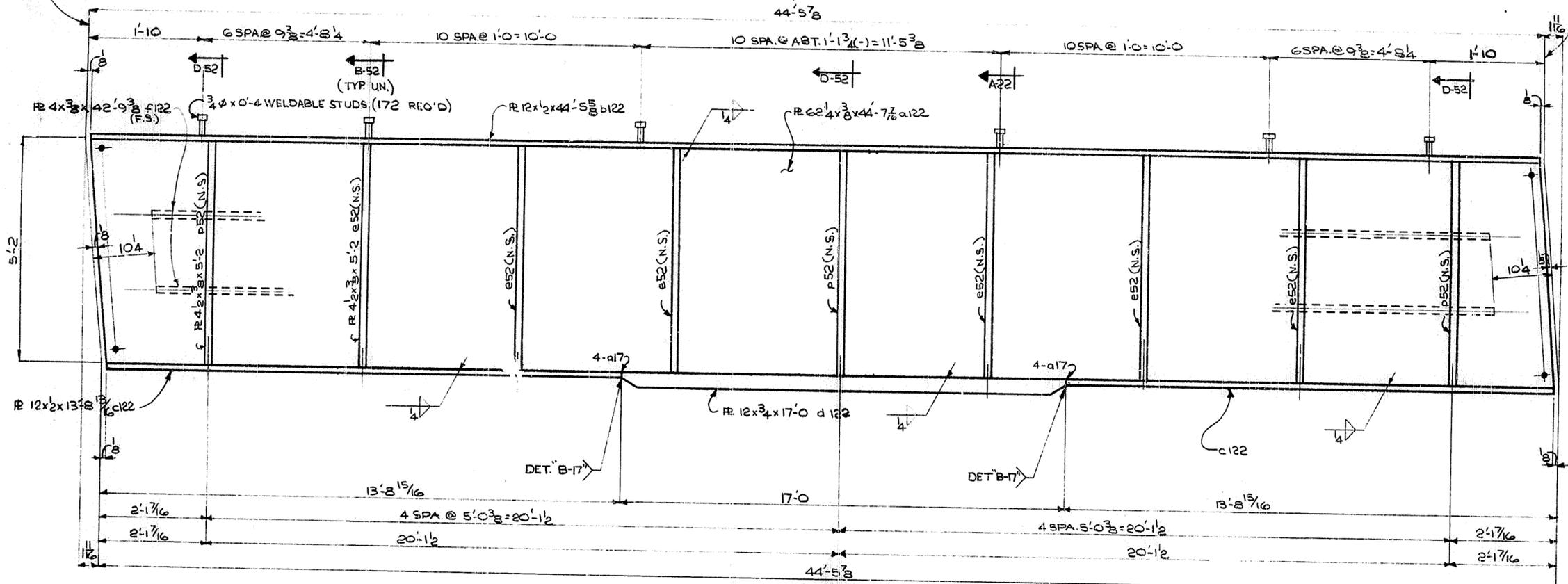
142

HOLES 15/16" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
Steel To Be Erected In Accordance With Drawing And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 88 273 758 - PROJ. NO. 164-2(64)2
ARCHITECT		KENTUCKY DEPT. OF HWYS.
CONTRACTOR		
DRAWN BY	DATE 7/69	JOB NO. A-8001
CHECKED BY	DATE 7-69	SHEET
PAINT SPEC. SEE GN1		121 OF
REVISIONS	DATE BY	

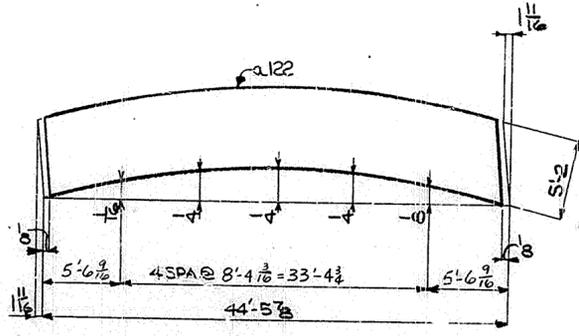
SPAN #6

FIELD SPICE
SEE DET. "A-18"

FIELD SPICE
SEE DET. "A-18"



ONE GIRDER M122 GI
(LIFTING WEIGHT 3 TONS)



WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE GNI 143

HOLES 1 5/16" O.U.N.

Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 184 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP. 56 273 75A PROJ. NO. 184-2(64)2

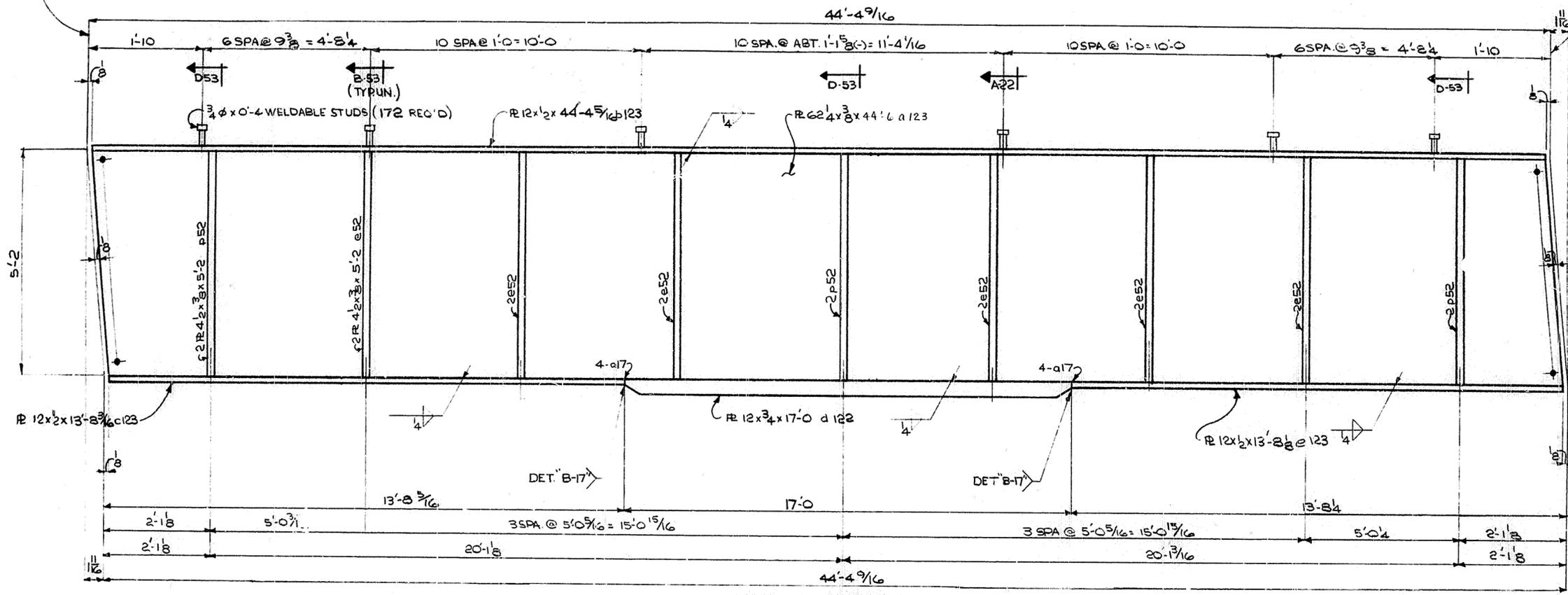
ARCHITECT: KENTUCKY DEPT. OF HWYS.
CONTRACTOR:

DRAWN BY: [Signature] DATE: 7/69 JOB NO. A8001
CHECKED BY: P.W.I. DATE: 7-69
PAINT SPEC: SEE GNI 122 SHEET OF

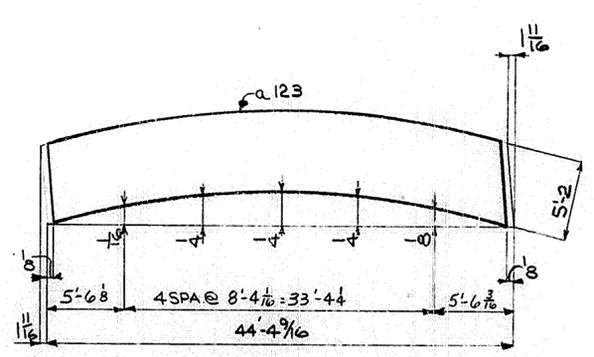
REVISIONS	DATE	BY

FIELD SPLICE
SEE DET. A-18

FIELD SPLICE
SEE DET. A-18



ONE GIRDER M123G1
(LIFTING WEIGHT 3 TONS)



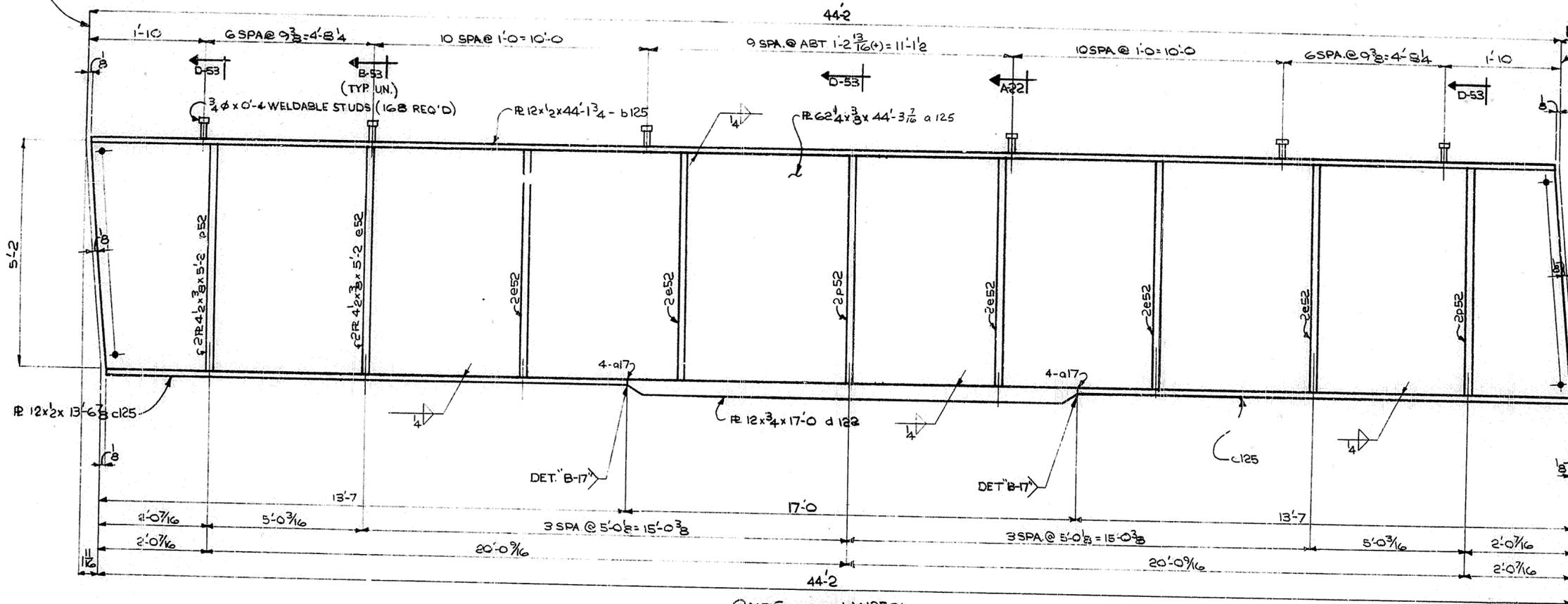
WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE GNI 124

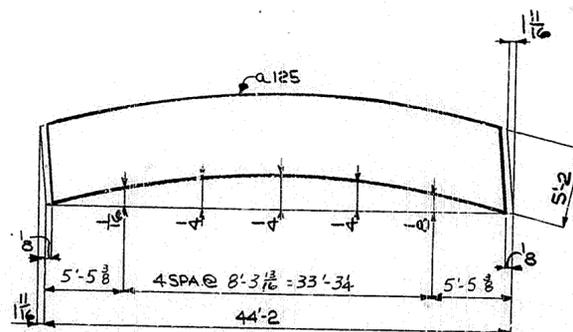
HOLES 1 5/16" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
<small>Steel To Be Erected in Accordance With Drawings and Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Erection Charges Will Be Accepted.</small>		JOB: 184 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO 184-2(64)2	
		ARCHITECT KENTUCKY DEPT. OF HWYS. CONTRACTOR	
DRAWN BY [Signature] DATE 7/69		JOB NO. A8001	
CHECKED BY pull DATE 7-69		123 SHEET OF	
PAINT SPEC. SEE GNI			
REVISIONS	DATE BY		

FIELD SPLICE
SEE DET. A-18

FIELD SPLICE
SEE DET. A-18



ONE GIRDER NK125G1
(LIFTING WEIGHT 3 TONS)



WEB CUTTING DIAGRAM

FOR GENERAL NOTES: SEE G N I 146

HOLES: 15/16" U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE ··· MERIDIAN, MISSISSIPPI

JOB: 184 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 75B- PROJ. NO. 184-2(24)2

ARCHITECT: KENTUCKY DEPT. OF HWYS.

CONTRACTOR:

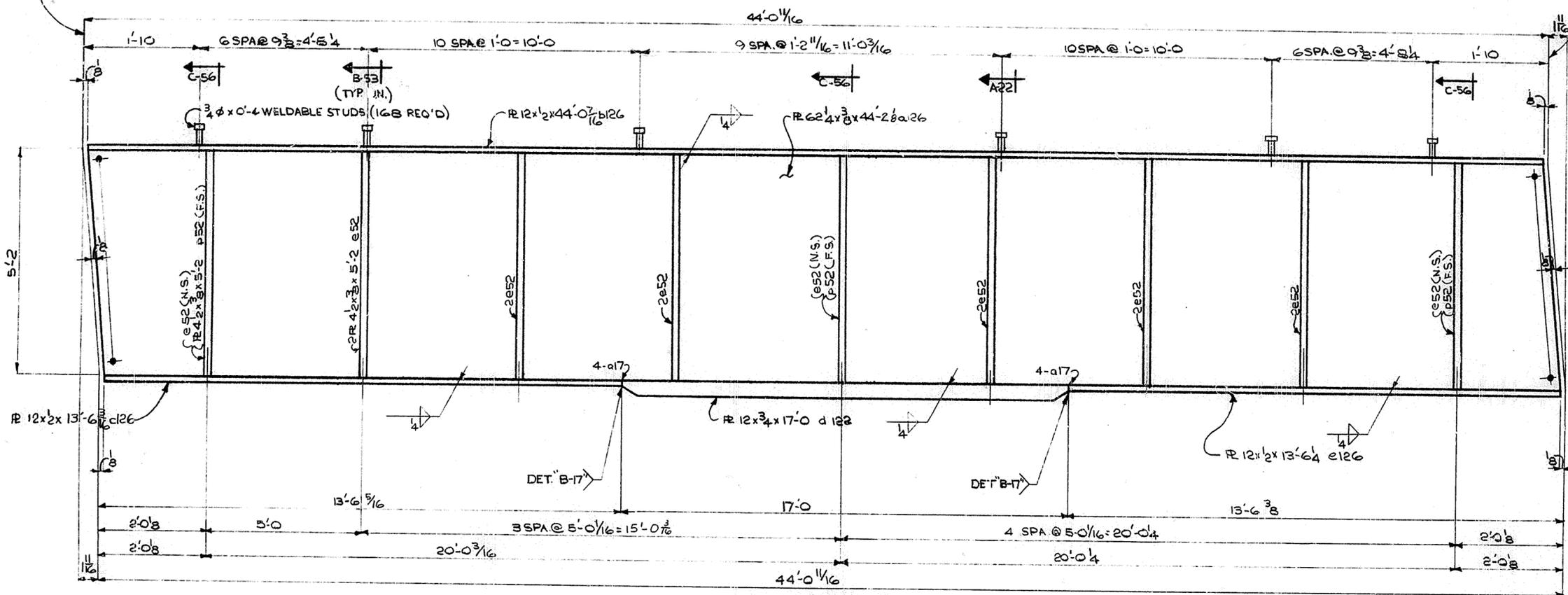
DRAWN BY: [Signature] DATE: 7/69 JOB NO. A8001
CHECKED BY: P.W.11 DATE: 7-69
PAINT SPEC. SET G N I

REVISIONS: [Table with columns for REVISIONS, DATE, BY]

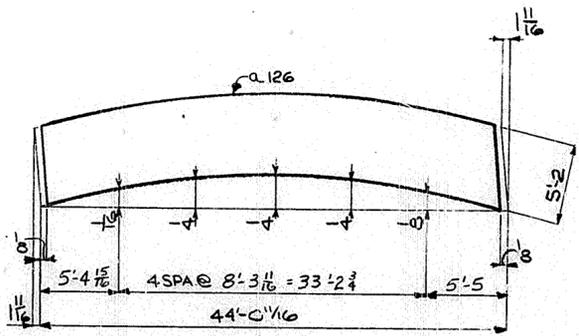
125 SHEET OF

FIELD SPlice
SEE DET. A-18

FIELD SPlice
SEE DET. A-18



ONE GIRDER MK126G1
(LIFTING WEIGHT 3 TONS)



WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE G N 1 **107**

HOLES 1 1/2" U.N.

Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charger Will Be Accepted.

USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 184 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 2737301- PROJ. NO. 184-2(64)2

ARCHITECT: KY. TUCKY DEPT. OF HWYS.

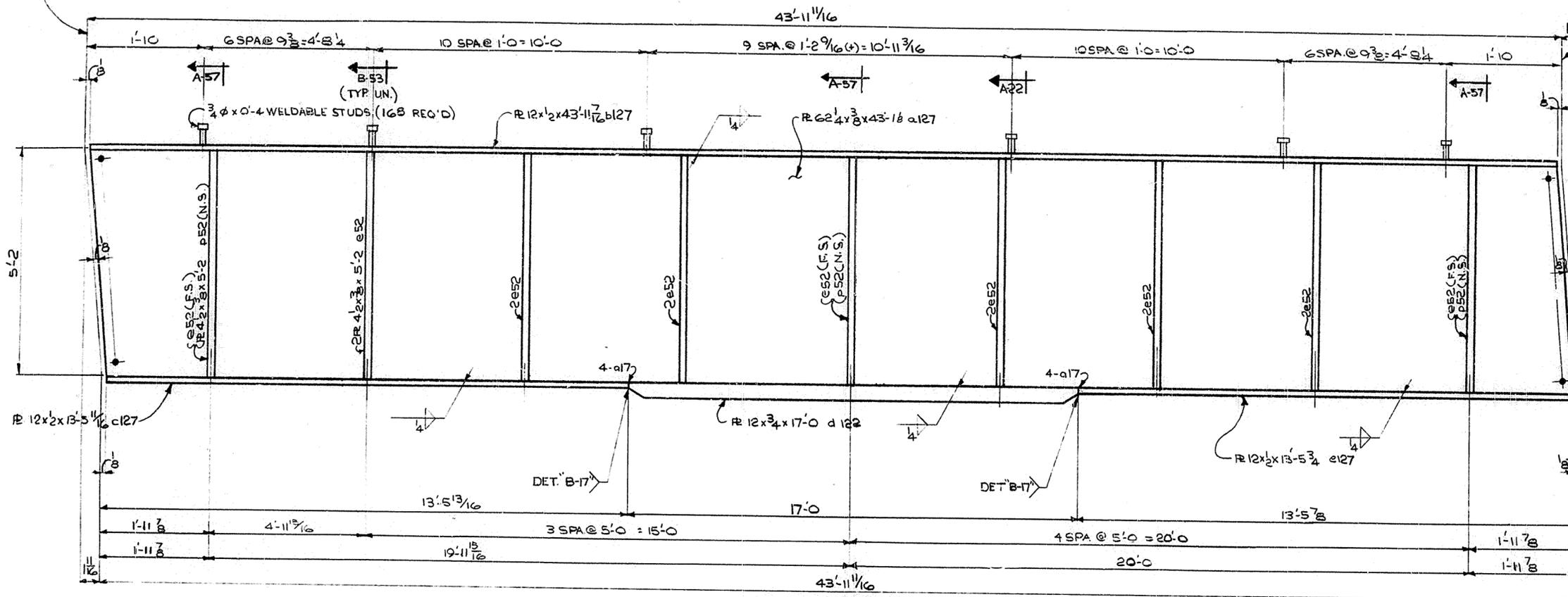
CONTRACTOR

DRAWN BY: [Signature] DATE: 7/69 JOB NO. A8001
CHECKED BY: P.W.H. DATE: 7-69 SHEET 126 OF 126
PAINT SPEC. SEE G N 1

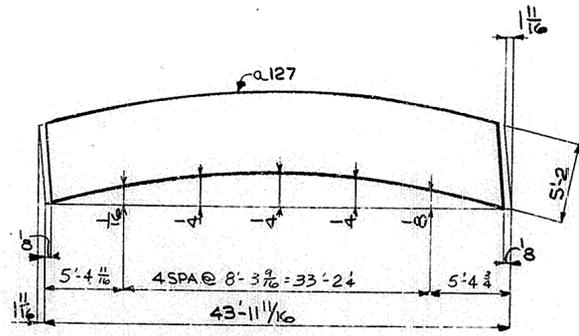
REVISIONS	DATE	BY

FIELD SPLICE
SEE DET. A-18

FIELD SPLICE
SEE DET. A-18



ONE GIRDER MK 127G1
(LIFTING WEIGHT 3 TONS)



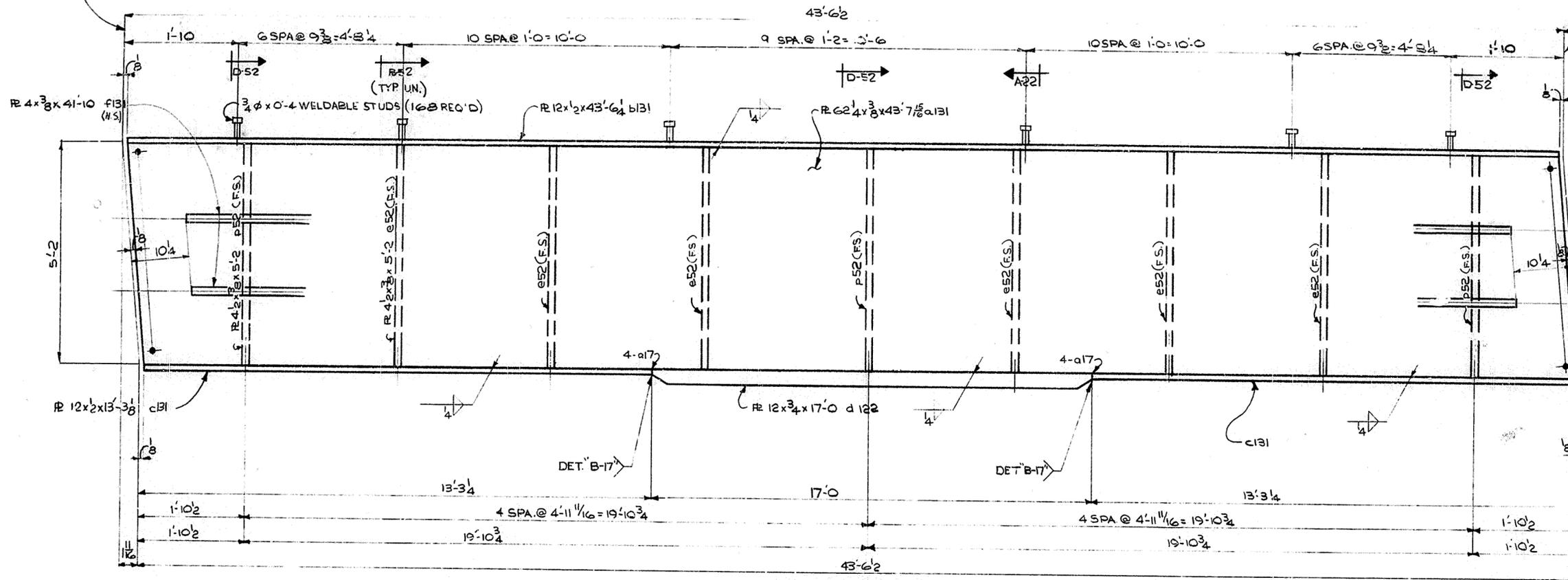
WEB CUTTING DIAGRAM

FOR GENERAL NOTES SEE GNI 148

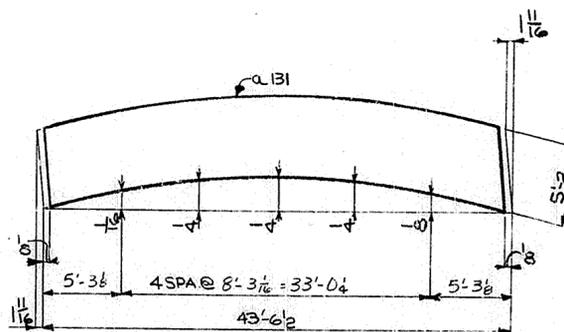
HOLES 1 5/16" U.N.		USI TUCKER STEEL	
Steel To Be Erected In Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
JOB: 184 OVER K & I TRR AND 27TH STREET		CEDAR GROVE TERRACE TO 13TH STREET	
JEFFERSON COUNTY, KENTUCKY		SP 56 273 75 81 - PROJ. NO. 184-2(64)Z	
ARCHITECT: KENTUCKY DEPT. OF HWYS.		CONTRACTOR:	
DRAWN BY: [Signature]	DATE: 7/69	JOB NO.:	A8001
CHECKED BY: P.W.H.	DATE: 7-69	SHEET	127
PAINT SPEC. SEE GNI		OF	
REVISIONS	DATE	BY	

FIELD SPLICE
SEE DET. A-18

FIELD SPLICE
SEE DET. A-18



ONE GIRDER MILL BEAM
(LIFTING WEIGHT 3 TONS)



WEB CUTTING DIA. 3/4\"/>

HOLES 1 9/16\"/>

Steel To Be Erected in Accordance With
Drawings And Specifications Per A.I.S.C.
Code Of Standard Practice. Unless Authorized
No Back Charges Will Be Accepted.



USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI

JOB: 164 OVER K & ITRR AND 27TH STREET
CEDAR GROVE TERRACE TO 13TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 3737501- PROJ. NO. 164-2(64)2

ARCHITECT KENTUCKY DEPT. OF HWYS.
CONTRACTOR

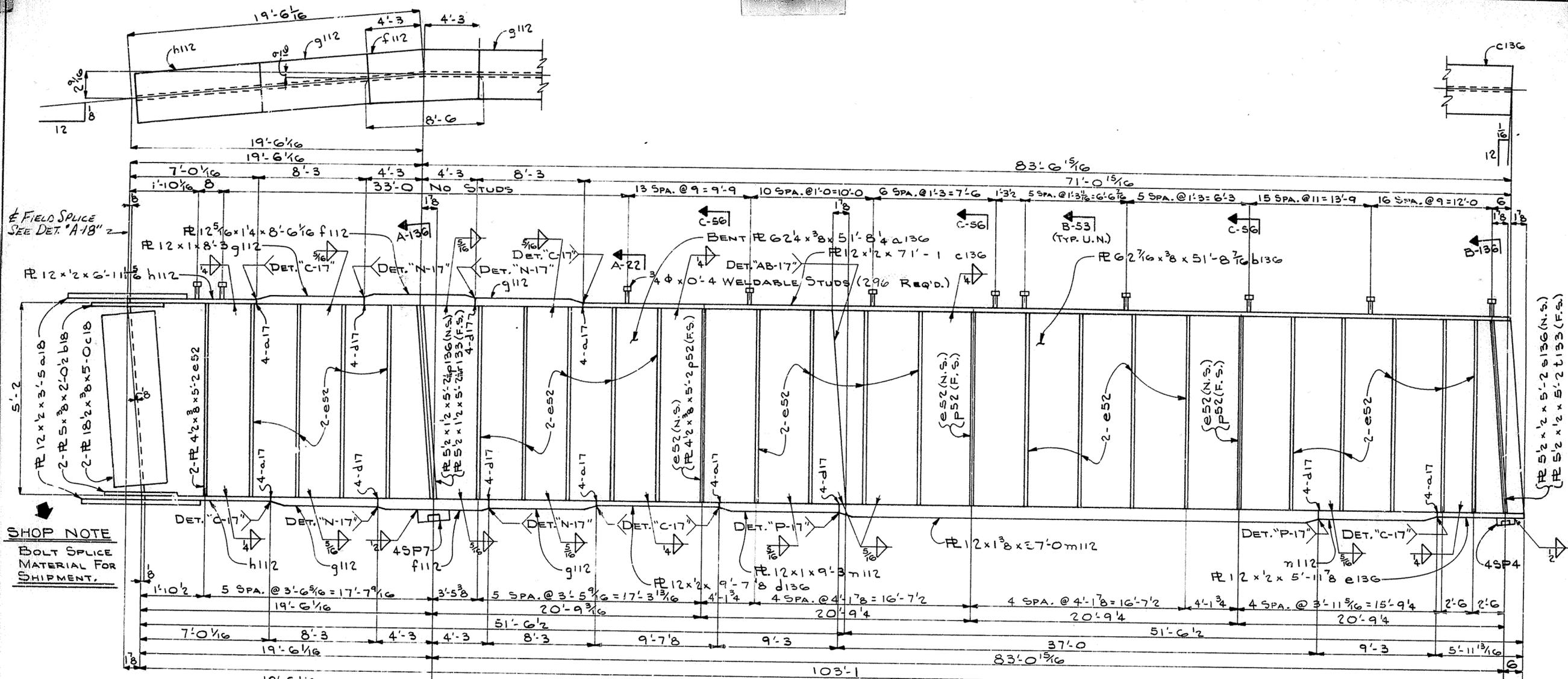
DRAWN BY **SP** DATE 7/69 JOB NO. A8001

CHECKED BY **FWH** DATE 7-51

PAINT SPEC. **SEE GNI** 131 SHEET OF

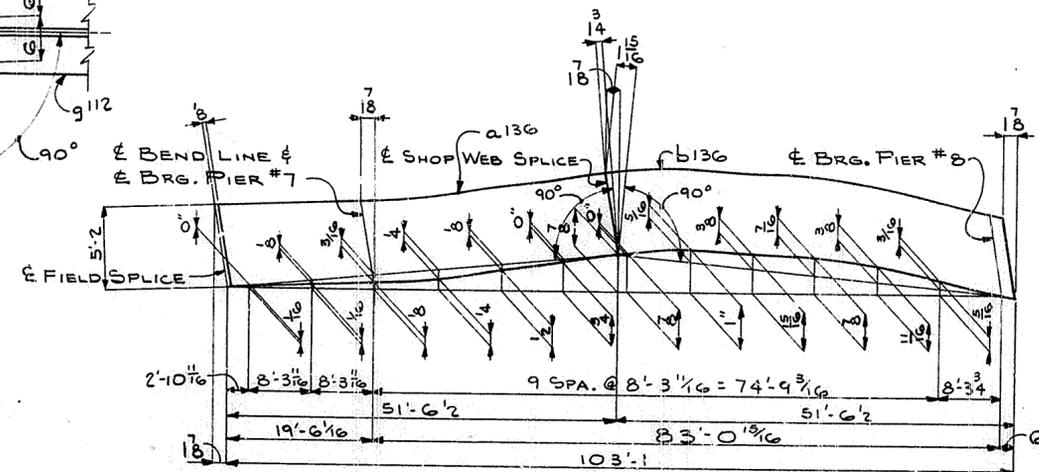
REVISIONS	DATE	BY

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SHOP NOTE
BOLT SPICE MATERIAL FOR SHIPMENT.

ONE GIRDER - MK. 136 G1
(LIFTING WT. = 9 TONS)



WEB CUTTING DIAGRAM

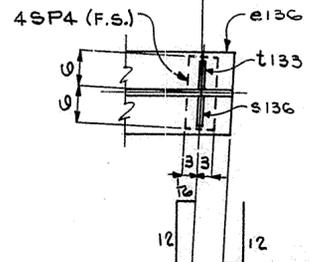
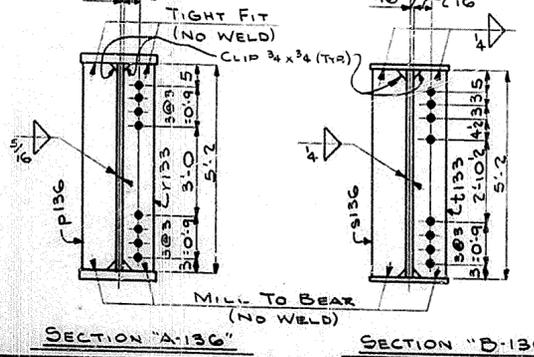
NOTE:
FOR GENERAL NOTES SEE SHEET GNI.

HOLES 1 5/16" U.N.
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.

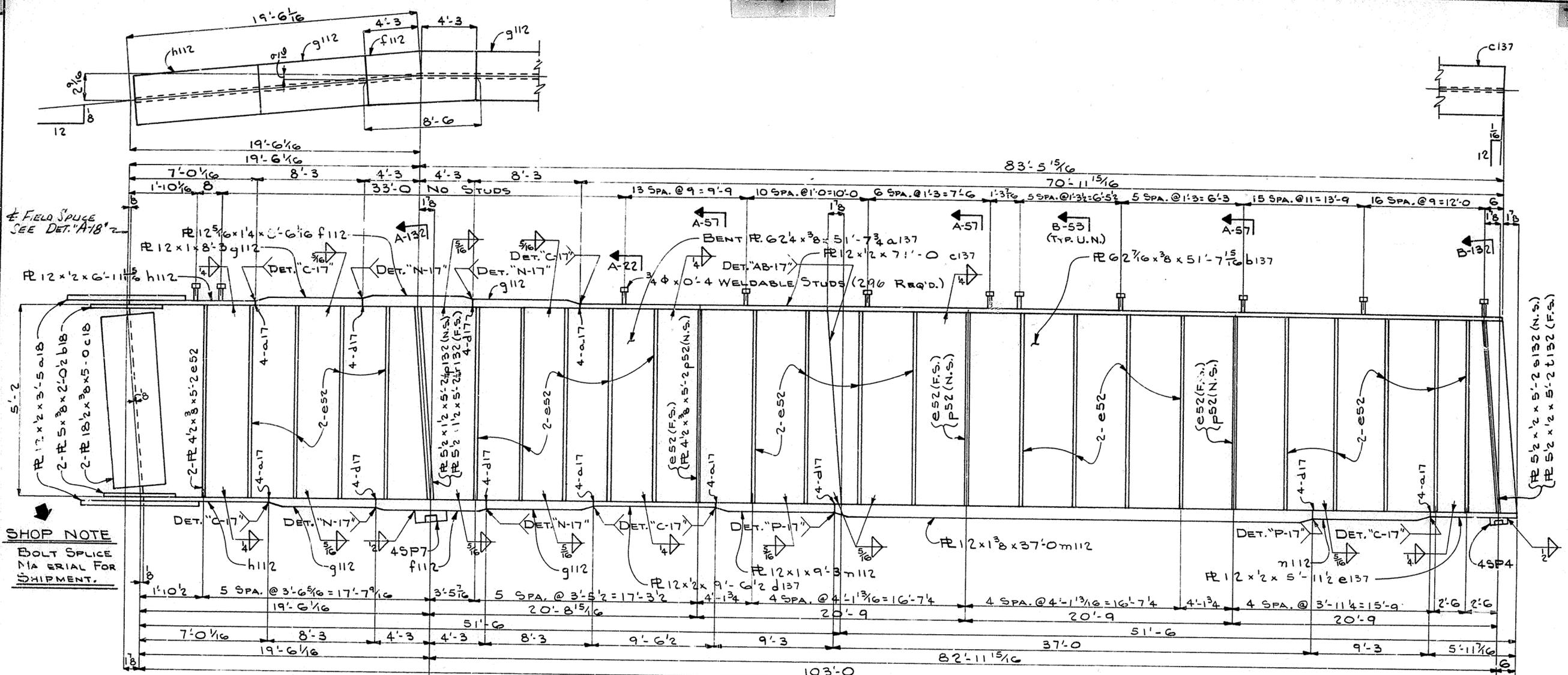
USI TUCKER STEEL
DIVISION OF U.S. INDUSTRIES, INC.
KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI

JOB: 164 OVER K & I TRR AND 27TH STREET
CEDAR GROVE TERRACE TO 137TH STREET
JEFFERSON COUNTY, KENTUCKY
SP 56 273 75B1 - PROJ. NO. 104-2(64)2
ARCHITECT KENTUCKY DEPT. OF HWYS.

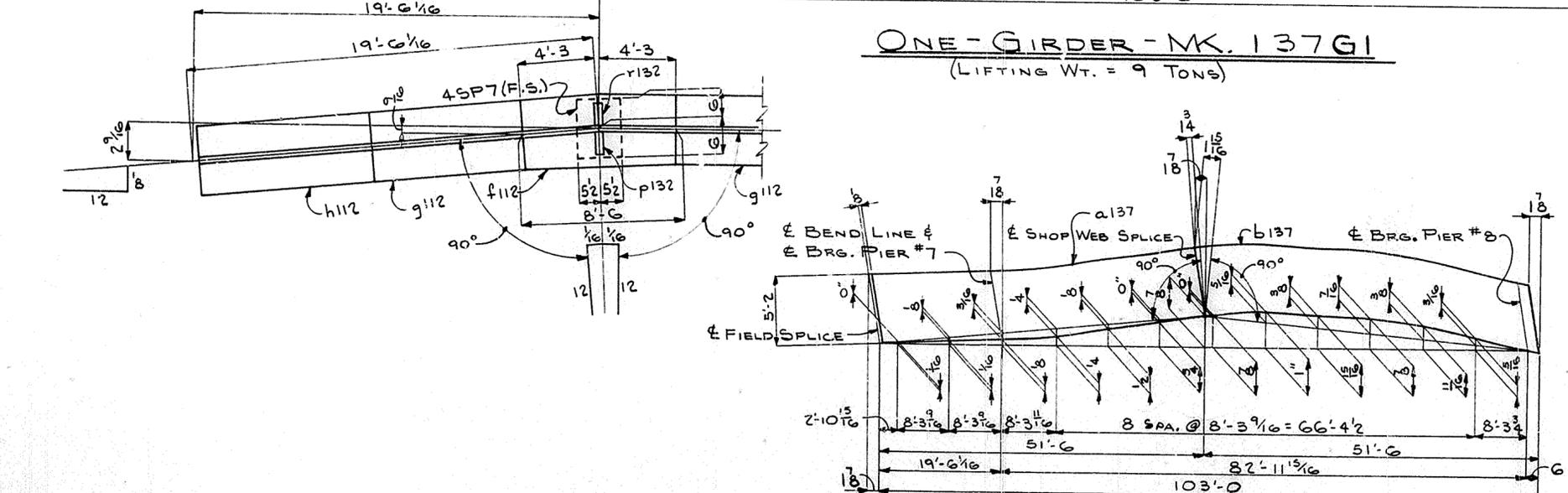
CONTRACTOR	DATE 8/69	JOB NO. A-8001
DRAWN BY [Signature]	DATE 8/69	SHEET
CHECKED BY [Signature]	DATE 8/69	136 OF
PAINT SPEC SEE SNI		
REVISIONS	DATE	BY



157



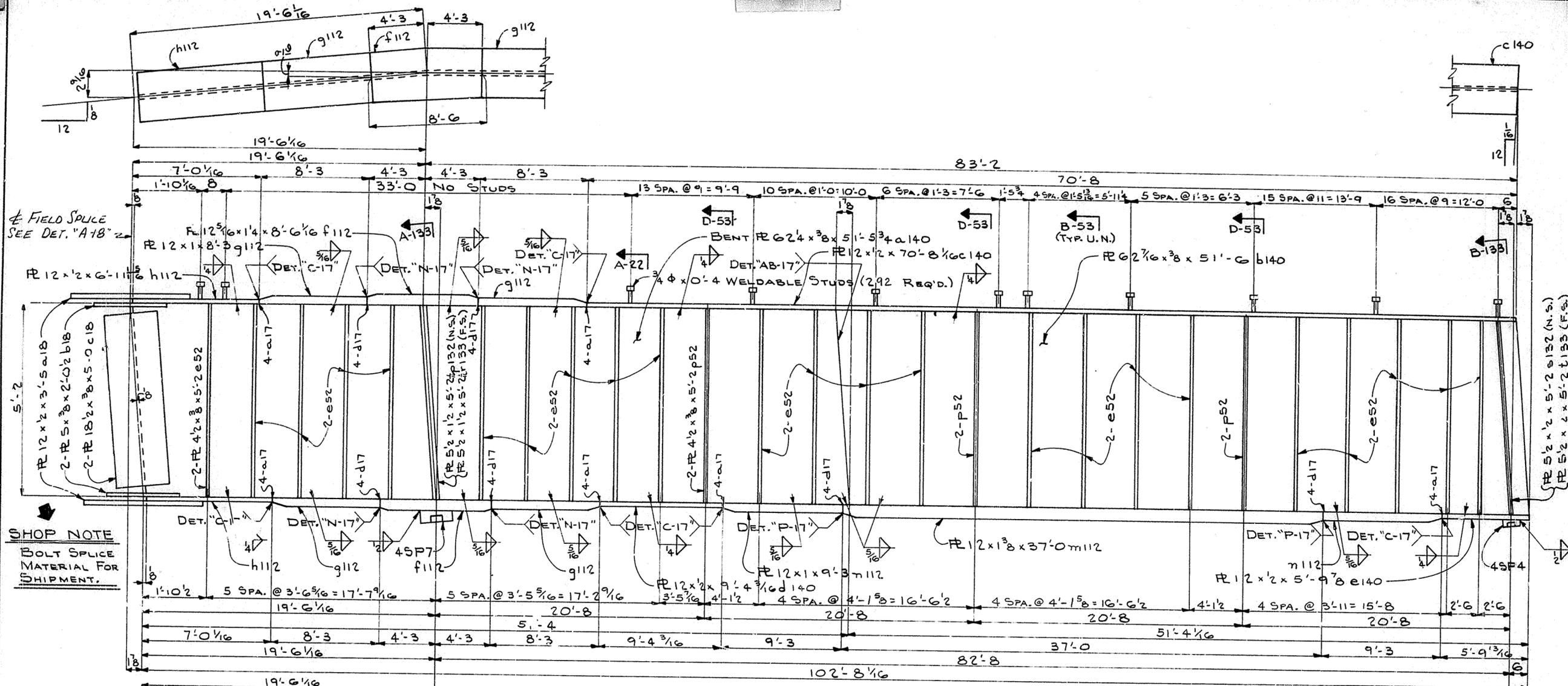
ONE GIRDER - MK. 137G1
(LIFTING WT. = 9 TONS)



WEB CUTTING DIAGRAM

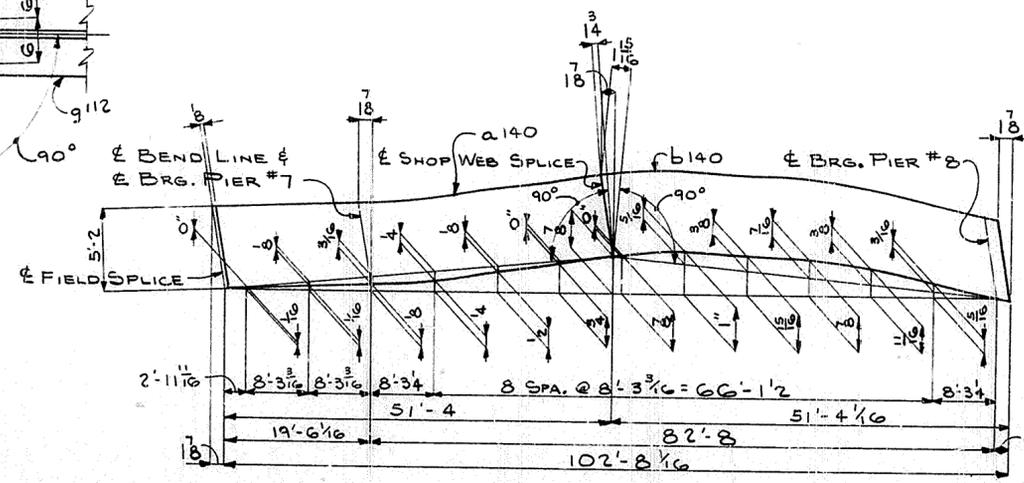
NOTE:
FOR GENERAL NOTES SEE SHEET GNI.

HOLES: $\frac{15}{16}$ U.N. <small>Steel To Be Erected in accordance With Drawings and Specifications Per A.I.S.C. Code Of Standard Practices. Unless authorized No Back Charges Will Be Accepted.</small>		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE - MERIDIAN, MISSISSIPPI	
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7561 PROJ. NO. 194-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS.			
CONTRACTOR:		158	
DRAWN BY: <i>[Signature]</i> DATE: 8/69 CHECKED BY: <i>[Signature]</i> DATE: 8/69 PAINT SPEC: SEE GNI			
REVISIONS	DATE	BY	JOB NO. A-8001 SHEET 37 OF



SHOP NOTE
BOLT SPICE
MATERIAL FOR
SHIPMENT.

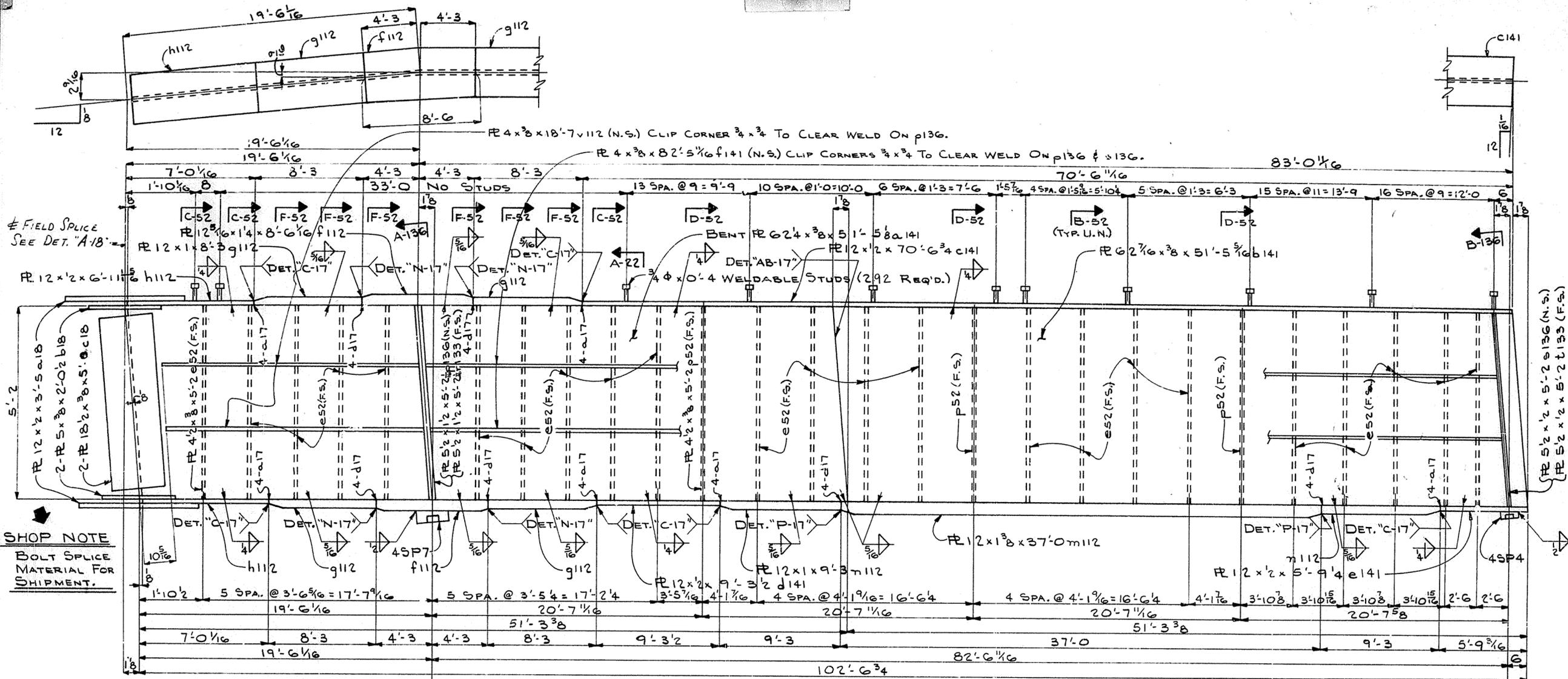
ONE-GIRDER - MK. 140 GI
(LIFTING WT. = 9 TONS)



WEB CUTTING DIAGRAM

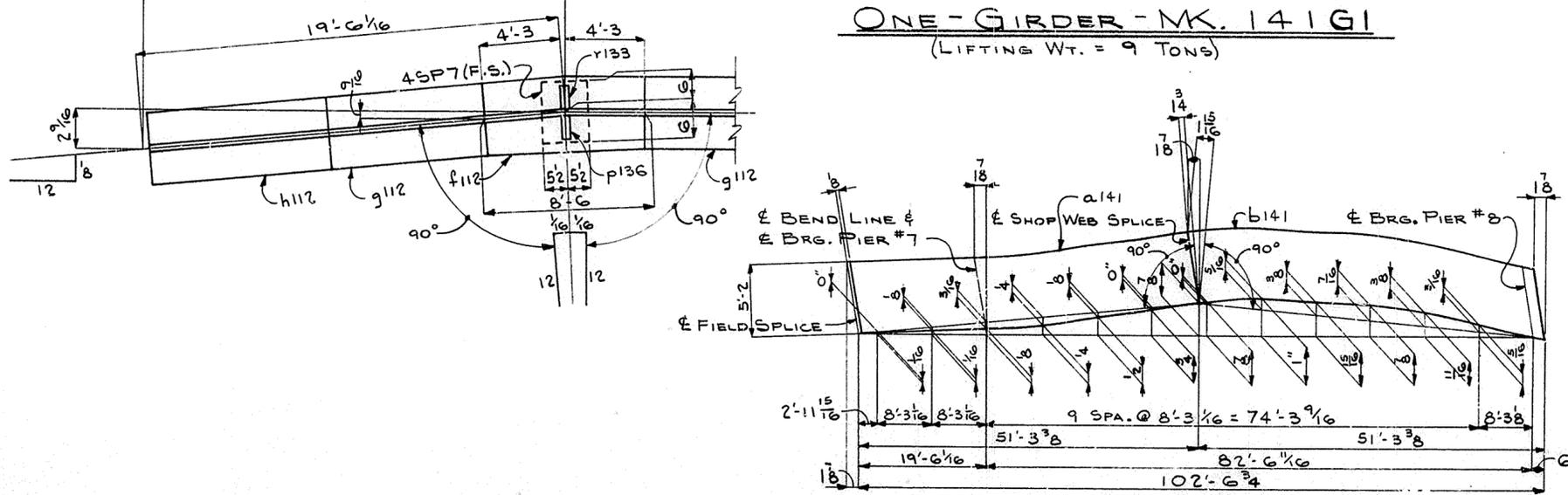
NOTE:
FOR GENERAL NOTES SEE SHEET GNI.

HOLES $\frac{15}{16}$ U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		
JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 164-2(G4)2 ARCHITECT KENTUCKY DEPT. OF HWYS.		
CONTRACTOR		
DRAWN BY	DATE 8/69	JOB NO. A-8001
CHECKED BY	DATE 8/69	SHEET
PAINT SPEC. SEE GNI		140 OF
REVISIONS	DATE	BY



SHOP NOTE
BOLT SPICE MATERIAL FOR SHIPMENT.

ONE GIRDER - MK. 141 G1
(LIFTING WT. = 9 TONS)

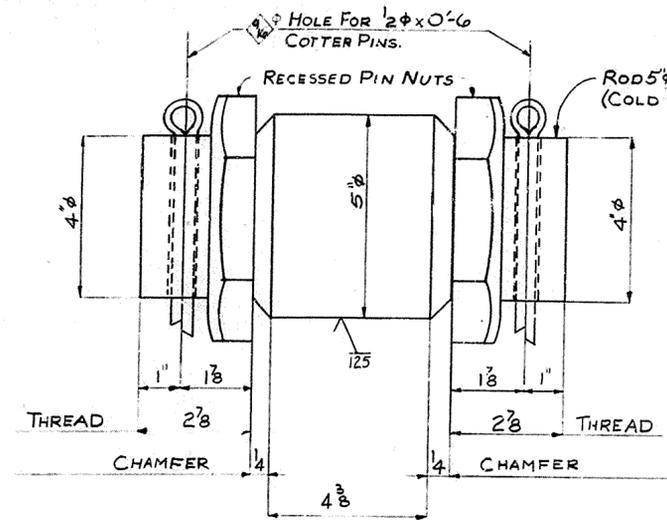


WEB CUTTING DIAGRAM

NOTE:
FOR GENERAL NOTES SEE SHEET GNI.

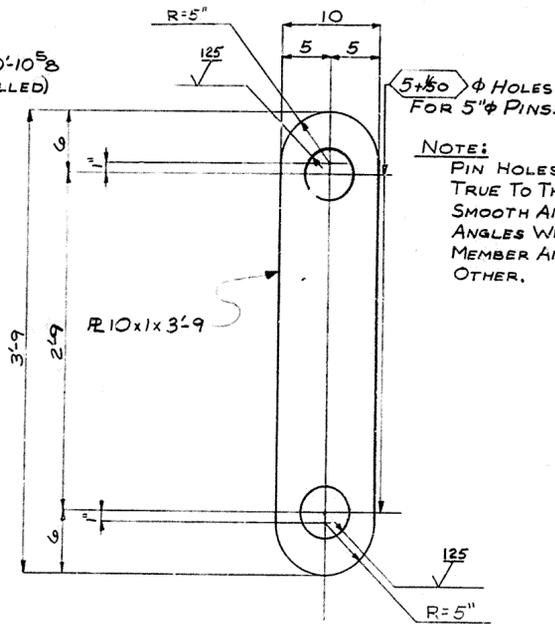
HOLES 1 5/16" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.		
JOB: 164 OVER K & ITR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 (58) PROJ. NO. 164-2(64)2 ARCHITECT KENTUCKY DEPT. OF HWYS.		
CONTRACTOR		
DRAWN BY	DATE 8/69	J.S. NO. A-8001
CHECKED BY	DATE 8/69	SHEET
PAINT SPEC. SEE GNI		141 OF
REVISIONS	DATE BY	

162



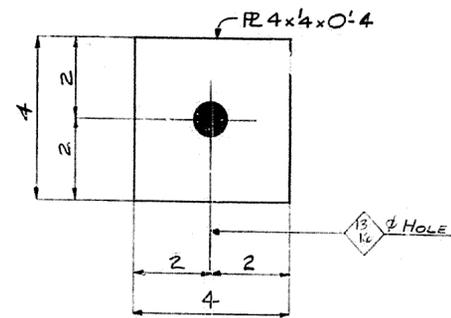
20-PINS - 142P1
(NO PAINT)

NOTE:
PINS SHALL BE TURNED ACCURATELY TO THE DIMENSIONS SHOWN AND SHALL BE STRAIGHT, SMOOTH AND FREE FROM FLAWS.

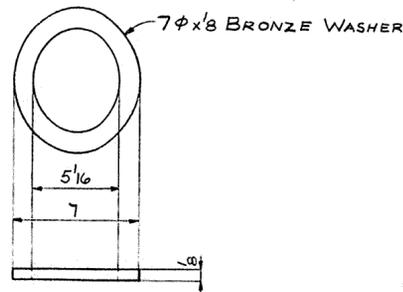


20-SUSPENDERS - 142S1

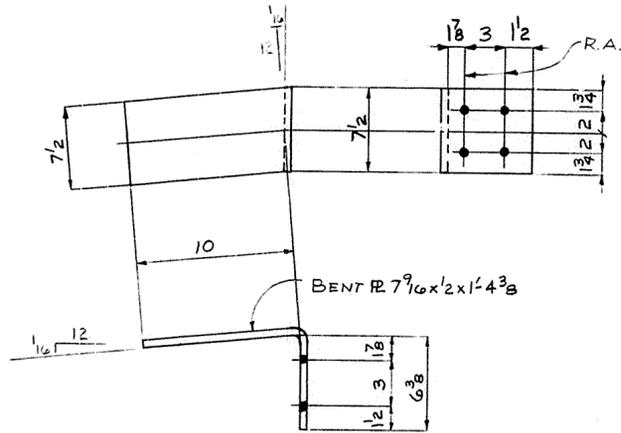
NOTE:
PIN HOLES SHALL BE BORED TRUE TO THE SPECIFIED DIAMETER, SMOOTH AND STRAIGHT, AT RIGHT ANGLES WITH THE AXIS OF THE MEMBER AND PARALLEL WITH EACH OTHER.



896-WASHERS - 142W1
(NO PAINT)

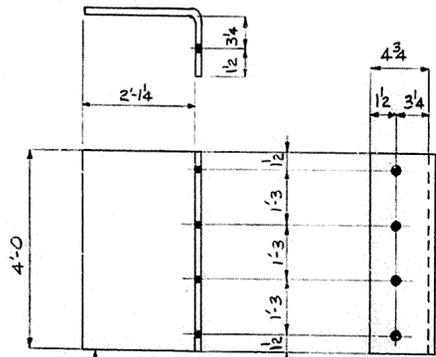


40-BRONZE WASHERS - 142BW1
(NO PAINT)

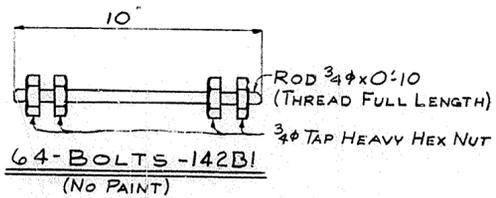


8-BENT PLATES - 142BP1

NOTE:
FOR GENERAL NOTES SEE SHEET GNI



2-COVER PLATES - 142CP1

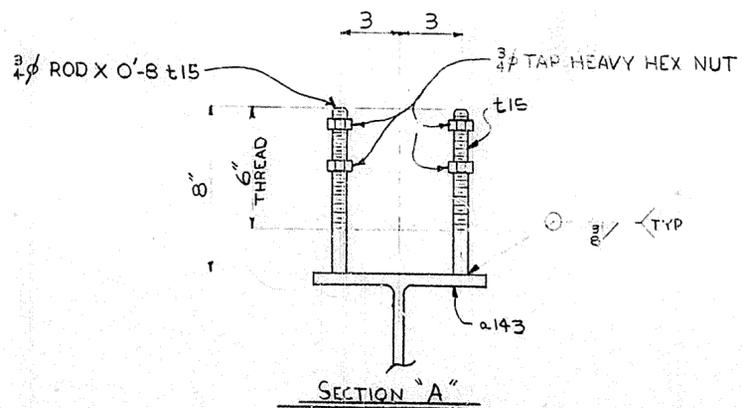
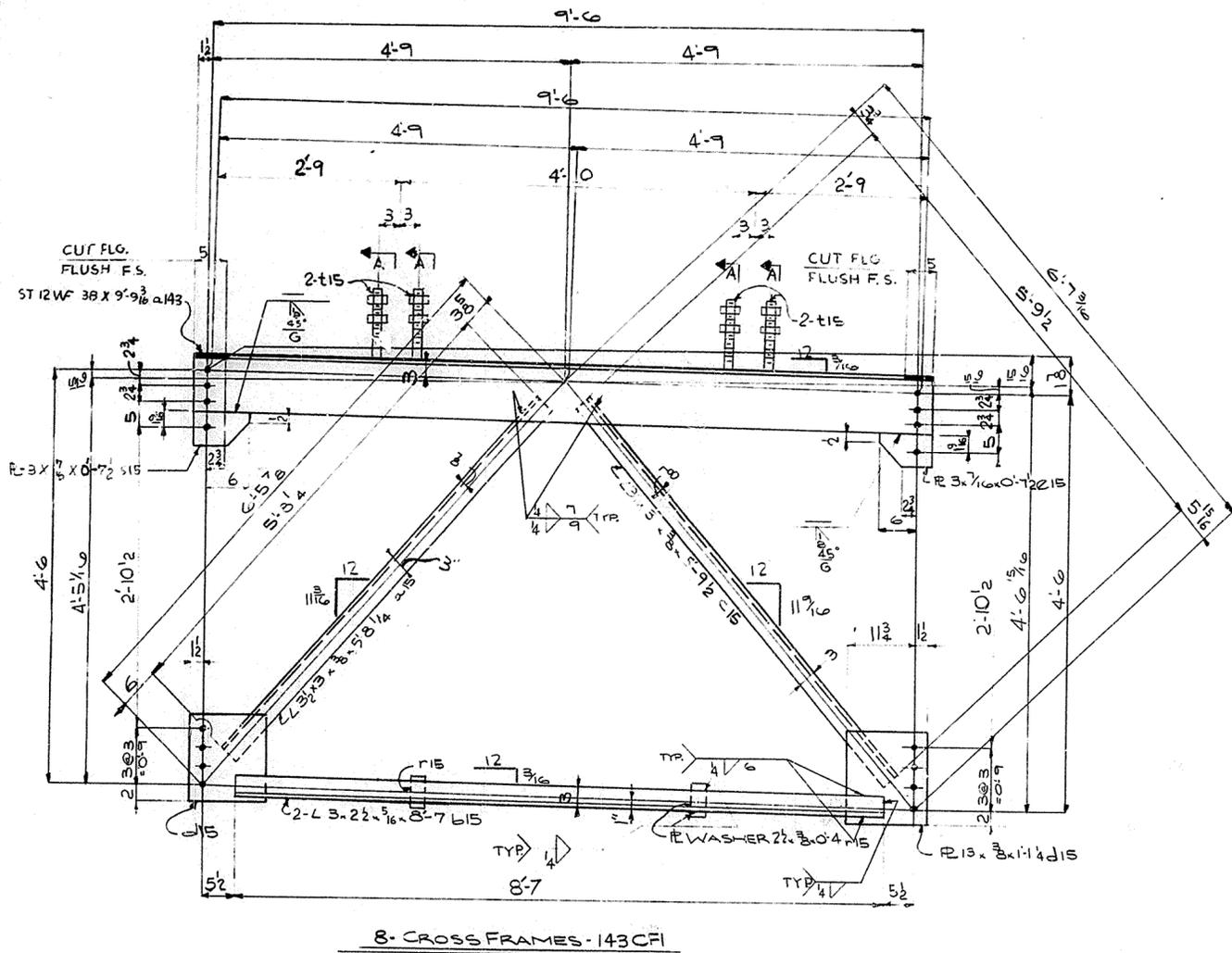


64-BOLTS - 142B1
(NO PAINT)

NOTE:
MACHINE-FINISHED SURFACES SHALL BE COATED WITH A HOT MIXTURE OF WHITE LEAD AND TALLOW OR OTHER APPROVED COATING, AS SOON AS PRACTICABLE AFTER BEING ACCEPTED AND BEFORE REMOVAL FROM SHOP.

NOTE:
SEE SECTION 643 OF "KENTUCKY STANDARD SPECIFICATIONS" FOR MATERIAL SPECS. FOR PIN AND BRONZE WASHER.

HOLES $\frac{5}{16}$ U.N.		163 USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.			
JOB: 104 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581- PROJ. NO. 164-2(4)1		ARCHITECT KENTUCKY DEPT. OF HWYS.	
CONTRACTOR		DRAWN BY <i>E.S.</i> DATE 6-69 JOB NO. A8001	
CHECKED BY <i>P.C.</i> DATE 6-67		SHEET 142 OF	
PAINT SPEC. SEE SHT. GNI		REVISIONS	
DATE	BY		



NOTE:
FOR GENERAL NOTES SEE SHEET GNI

HOLES $\frac{15}{16}$ U.N.		 TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>			
<small>Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice. Unless Authorized No Back Charges Will Be Accepted.</small>		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 75PI. PROJ. NO 164-2(4)2	
ARCHITECT		KENTUCKY DEPT. OF HWYS	
CONTRACTOR		TUCKER STEEL	
DRAWN BY	DATE	CHECKED BY	JOB NO. A8001
	6/69		DATE 6/69
PAINT SPEC. SEE GNI.		SHEET	
REVISIONS		DATE BY	
		143 OF	

164

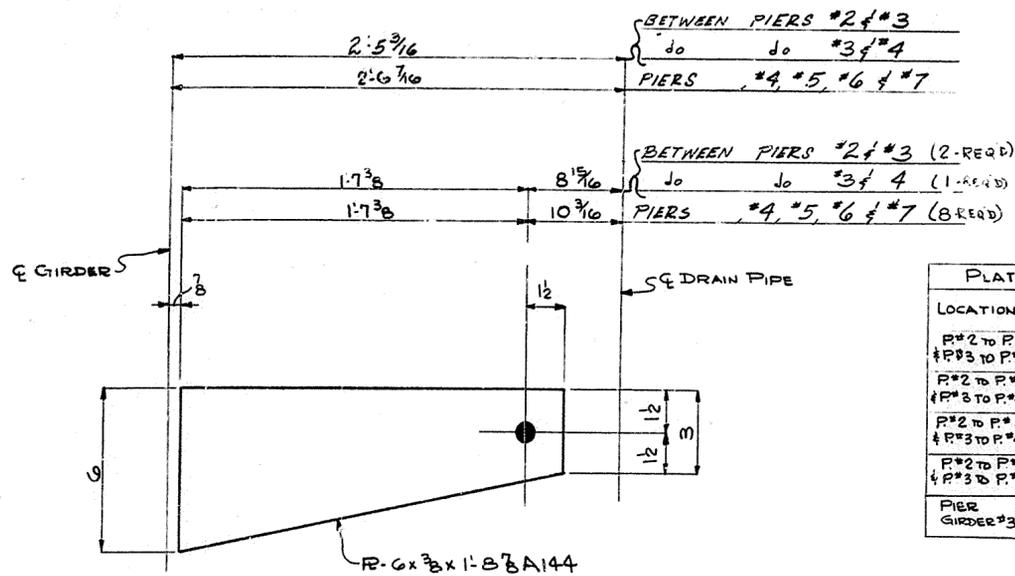
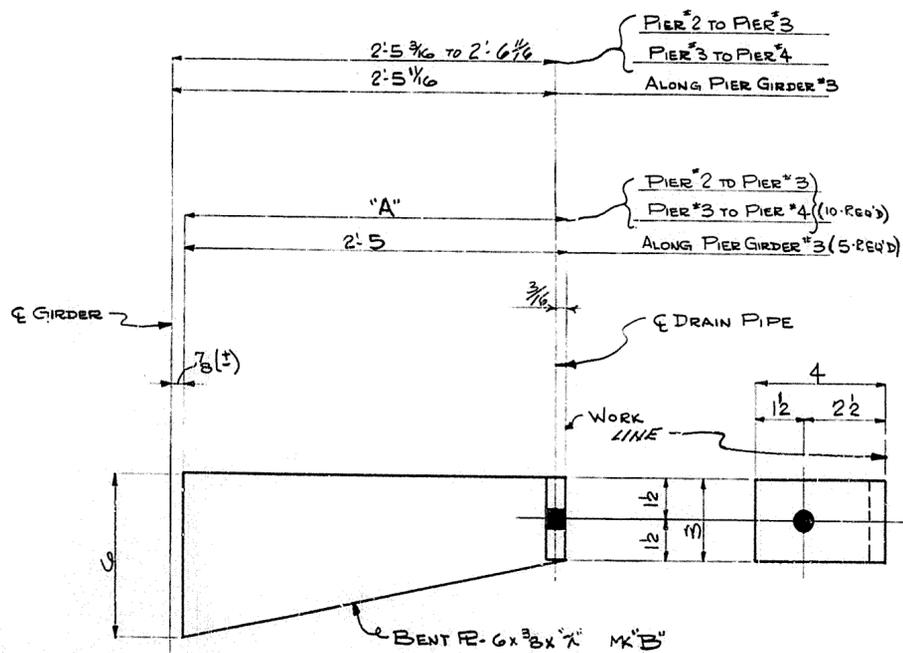


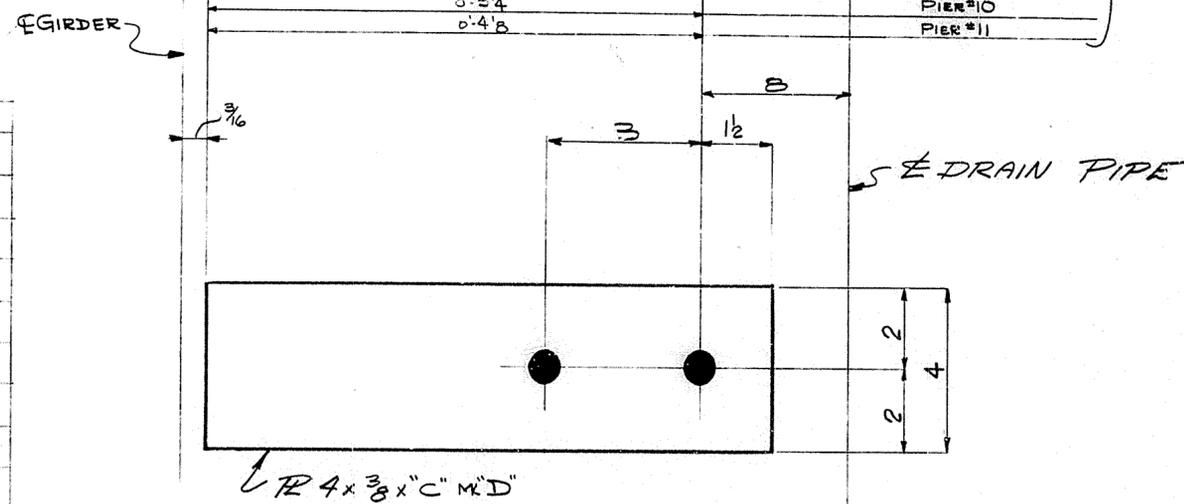
PLATE SCHEDULE				
LOCATION	NO. REQ'D.	"A"	"X"	"B"
P#2 TO P#3 #P#3 TO P#4	4	2'-5 3/16	2'-8 5/8	B144
P#2 TO P#3 #P#3 TO P#4	2	2'-5 1/16	2'-9 1/8	C144
P#2 TO P#3 #P#3 TO P#4	2	2'-6 3/16	2'-9 5/8	D144
P#2 TO P#3 #P#3 TO P#4	2	2'-6 1/16	2'-10 1/8	E144
PIER GIRDER#3	5	2'-5	2'-8 7/16	F144

11 - STIFFENER PIPE HANGERS A144
(FOR TYPE I DECK DRAIN) (VERTICAL)



15 - STIFFENER PIPE HANGERS "B144" (SEE SCHEDULE FOR SHIPPING MARKS)
(HORIZONTAL PIPE)

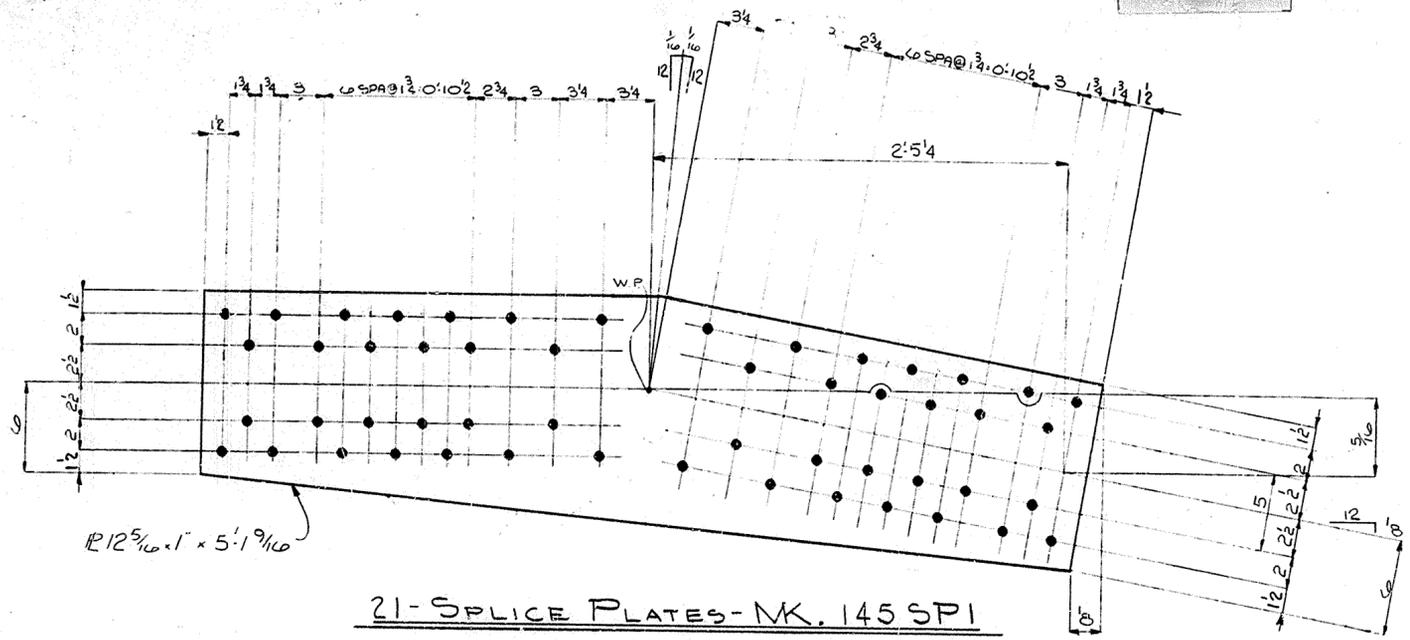
PLATE SCHEDULE			
LOCATION	NO. REQ'D.	"C"	"D"
P#1, #2 & #8	6	1'-11 3/4	G144
PIER #1 TO PIER #2	2	1'-10 3/8	H144
P#9 TO P#10	4	1'-10 1/4	K144
PIER #11	2	1'-11 1/2	M144
P#1 TO P#2	2	0'-6 1/8	N144
P#7 & #8	4	0'-5 1/4	P144
P#9 & #10	4	0'-6 3/4	R144
PIER #11	2	0'-5 5/8	S144



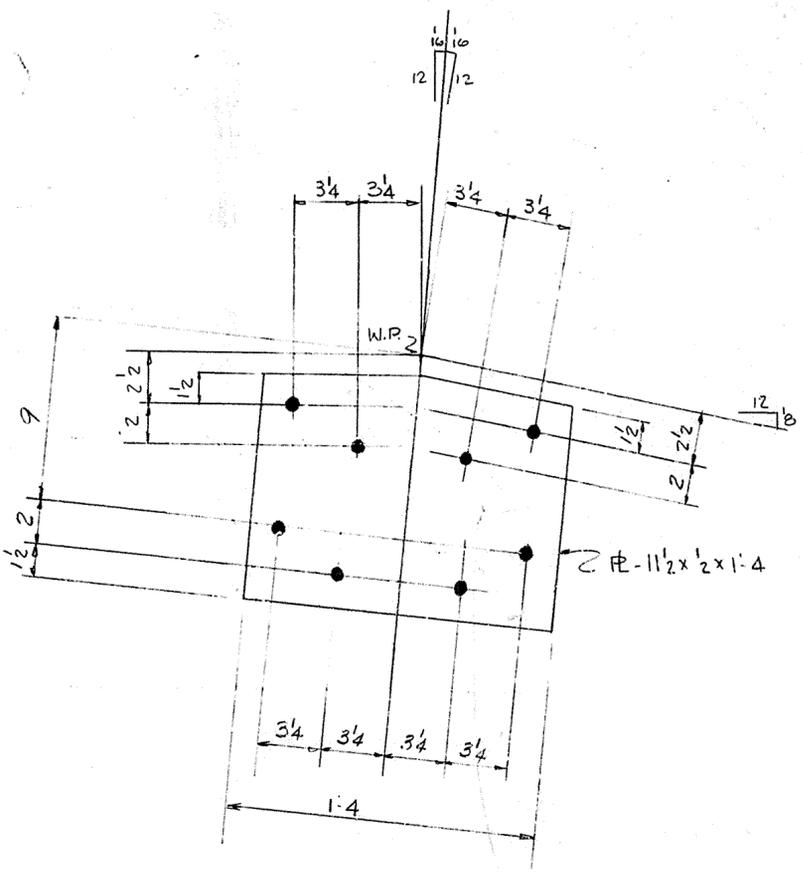
- TYPICAL STIFFENER PIPE HANGERS FOR DOWNSPOUT (SEE SCHEDULE FOR SHIPPING MARKS)
(FOR TYPE I & TYPE II)

NOTE:
FOR GENERAL NOTES SEE SHEET 165

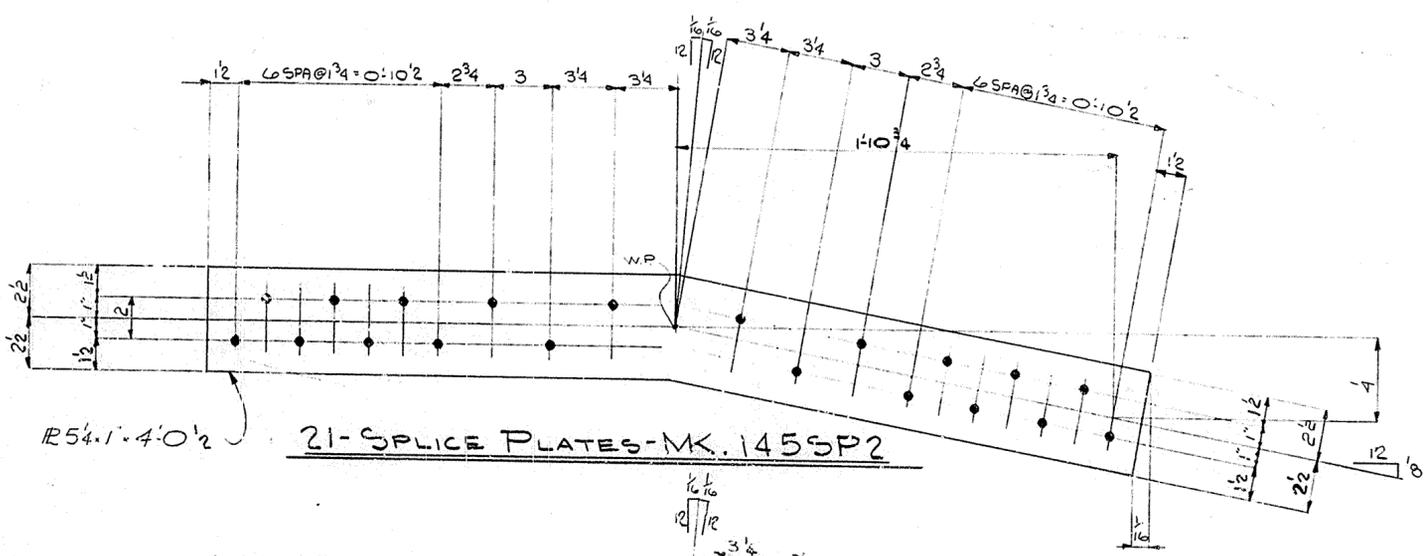
HOLES 13/16 U.N.		USI TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.		JOB: 164 OVER K & ITRR AND 27TH STREET CEDAR GROVE TERRACE TO 19TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 PROJ. NO. 164-2(4)1	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
DRAWN BY JB	DATE 6/69	JOB NO. A-8001	
CHECKED BY LCG	DATE 6/69	SHEET	
PAINT SPEC. SEE GN		144 OF	
REVISIONS	DATE	BY	



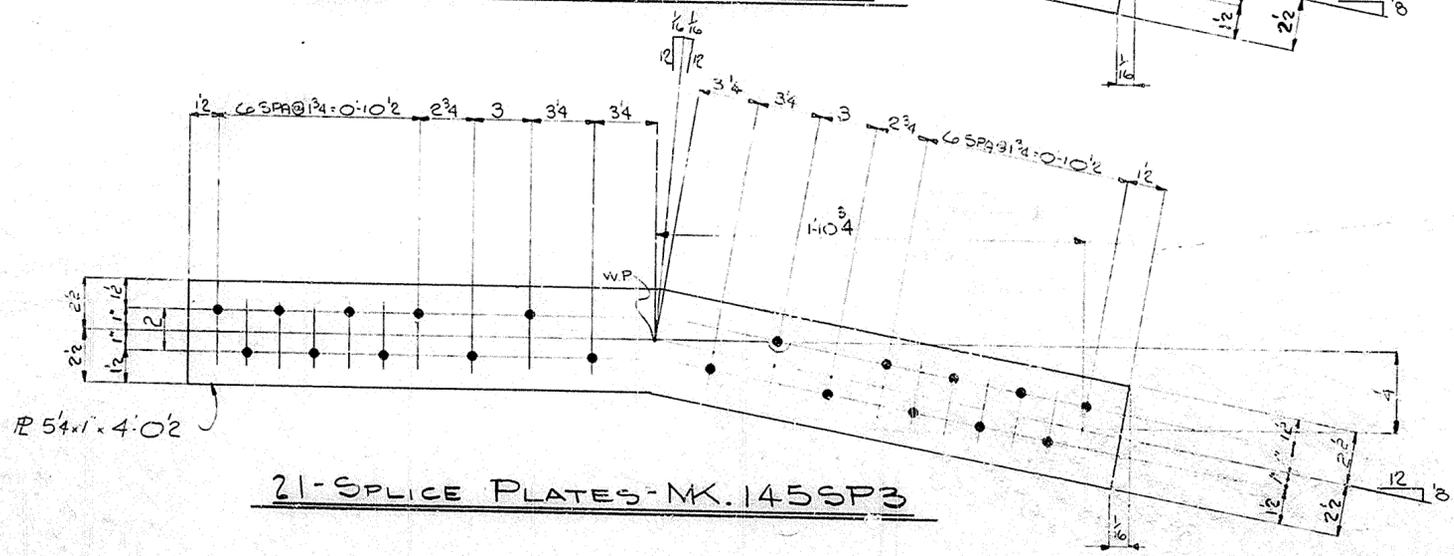
21-SPLICE PLATES-MK. 145SP1



1-TIE PLATE-145TPI



21-SPLICE PLATES-MK. 145SP2



21-SPLICE PLATES-MK. 145SP3

NOTE:
FOR GENERAL NOTES SEE SHEET G01
NOTE: ALL HOLES THIS SHEET "RA".

STA. 112+82
Dwg. No. 16539
LETTING 1/24/69

HOLES 1 1/2" U.N.		TUCKER STEEL DIVISION OF U.S. INDUSTRIES, INC. KNOXVILLE, TENNESSEE · MERIDIAN, MISSISSIPPI	
Steel To Be Erected in Accordance With Drawings And Specifications Per A.I.S.C. Code Of Standard Practice, Unless Authorized No Back Charges Will Be Accepted.		JOB: 164 OVER K & I TRR AND 27TH STREET CEDAR GROVE TERRACE TO 13TH STREET JEFFERSON COUNTY, KENTUCKY SP 56 273 7581 PROJ. NO. 164-2(64)2	
ARCHITECT KENTUCKY DEPT. OF HWYS.		CONTRACTOR	
REVISIONS	DATE	BY	PAINT SPEC. NONE
Δ REV	7/69	BN	
DRAWN BY D.J.R.		DATE 7-69	JOB NO. A8001
CHECKED BY		DATE 7/69	SHEET 145 OF