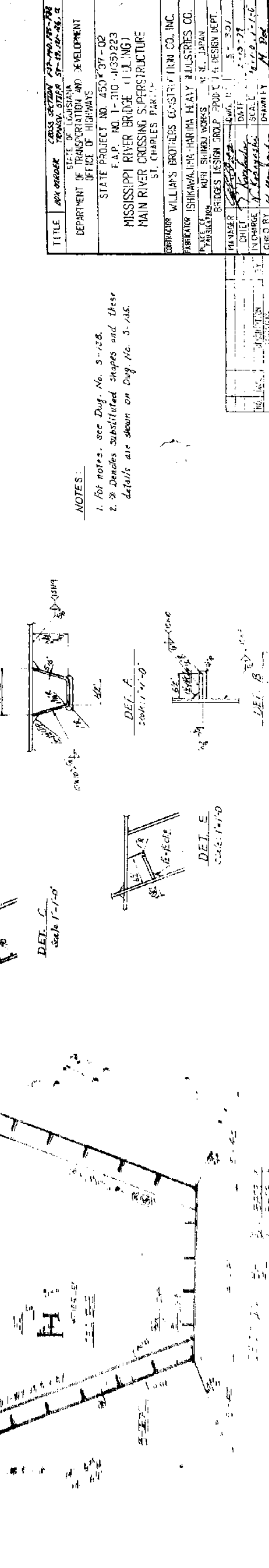
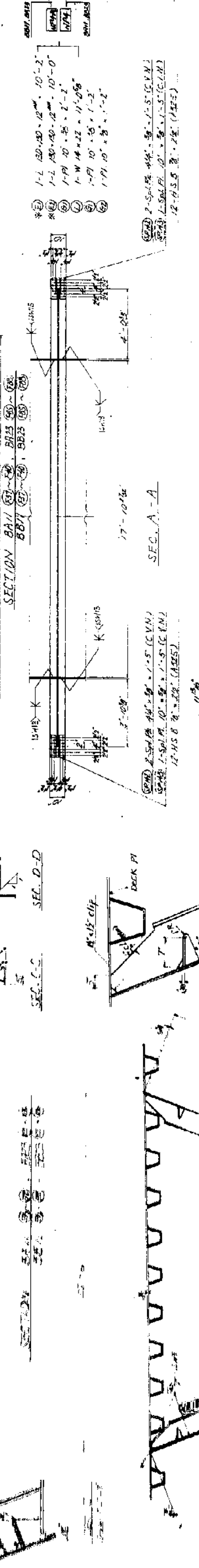
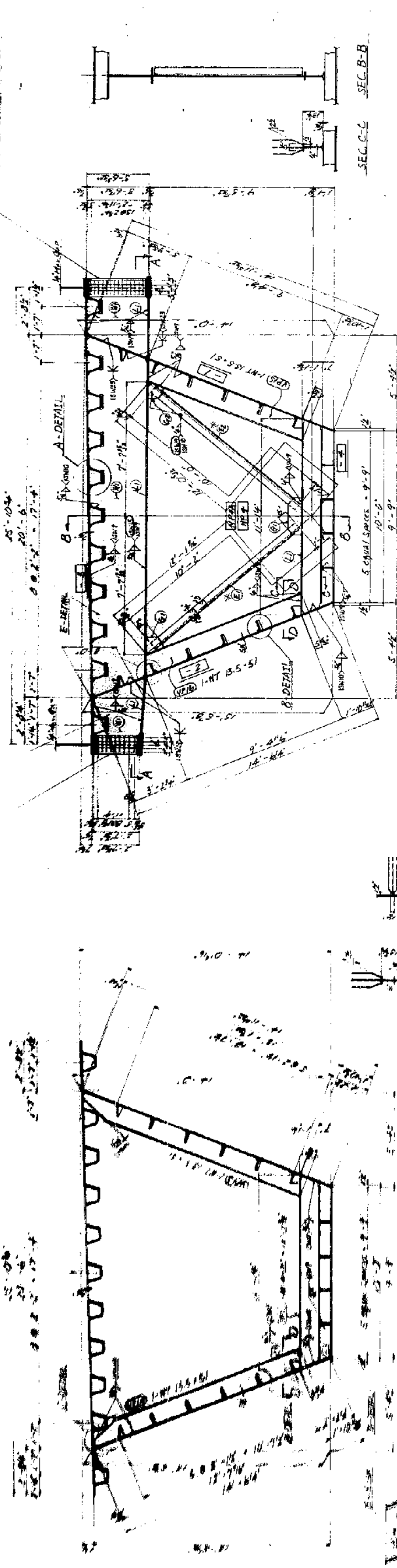


BOX ENDER CROSS SECTION FOR PIER FOR TENNIS STIFF ST-52, 40' WIDE, 4

BR 23 --- E-23.1
BR 23 --- E-23.2
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BR 11 --- E-23.100

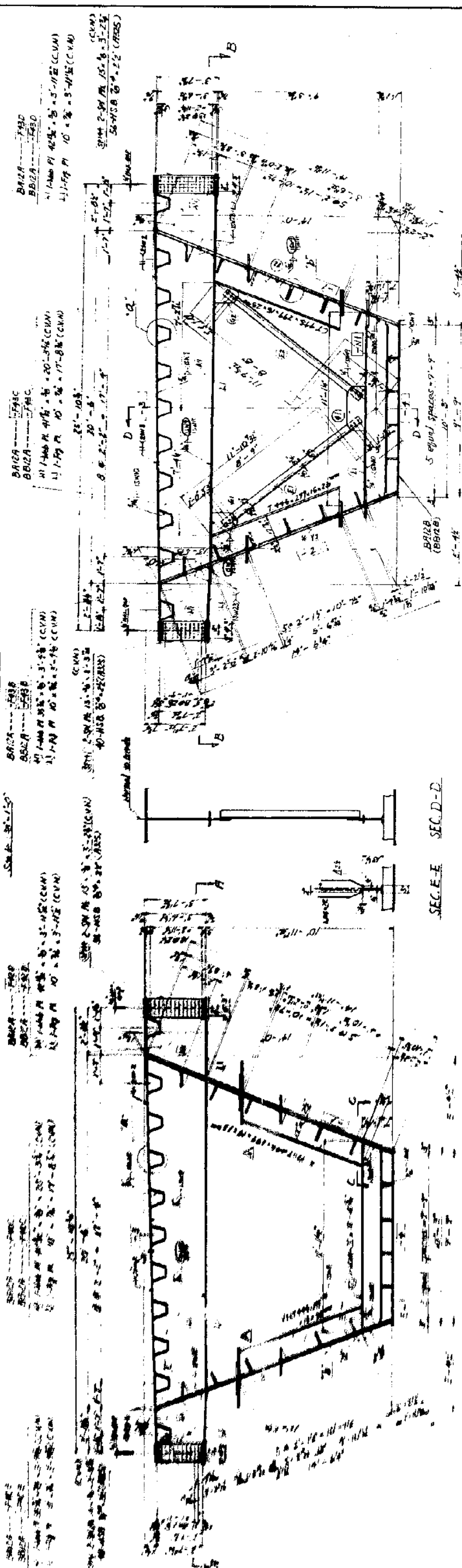
BR 23 --- E-23.1
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BR 11 --- E-23.98
BR 11 --- E-23.99
BR 11 --- E-23.100



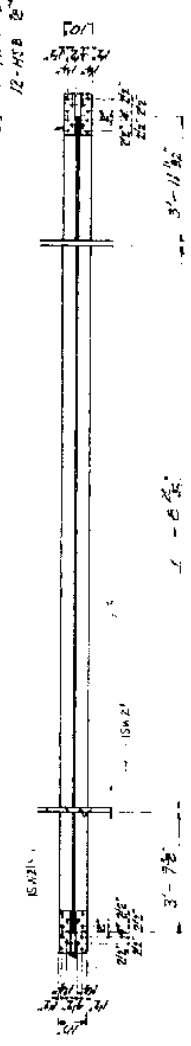
TITLE	BOX ENDER CROSS SECTION FOR PIER FOR TENNIS STIFF ST-52, 40' WIDE, 4
STATE OF LOUISIANA	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
OFFICE OF HIGHWAYS	
STATE PROJECT NO.	450-37-02
F.P. NO.	1-310-1351223
MISSISSIPPI RIVER BRIDGE (HILLING)	
MAIN RIVER CROSSING SUPERSTRUCTURE	
ST. CHARLES, PAR.	
CONTRACTOR	WILLIAMS BROTHERS CONSTRUCTION CO., INC.
FABRICATOR	ISHIKAWA, HIRAHARA HEAVY INDUSTRIES CO.
PLACE OF FABRICATION	MIYU, SHIMIZU WORKS, INC., JAPAN
DESIGNER	BRIDGES DESIGN GROUP, INC., DESIGN DEPT.
MANAGER	W. H. H. H.
DATE	5-30-77
IN CHARGE	W. H. H. H.
SCALE	1/4" = 1'-0"
DRAWN BY	W. H. H. H.

NOTES:
1. For notes, see Div. No. 5-128.
2. * Denotes substituted shapes and these details are shown on Div. No. 5-128.

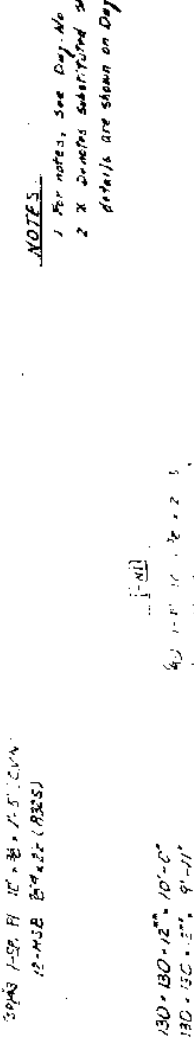
BOX GIRDER CROSS SECTION (42) (43)



SECTION ④43



275



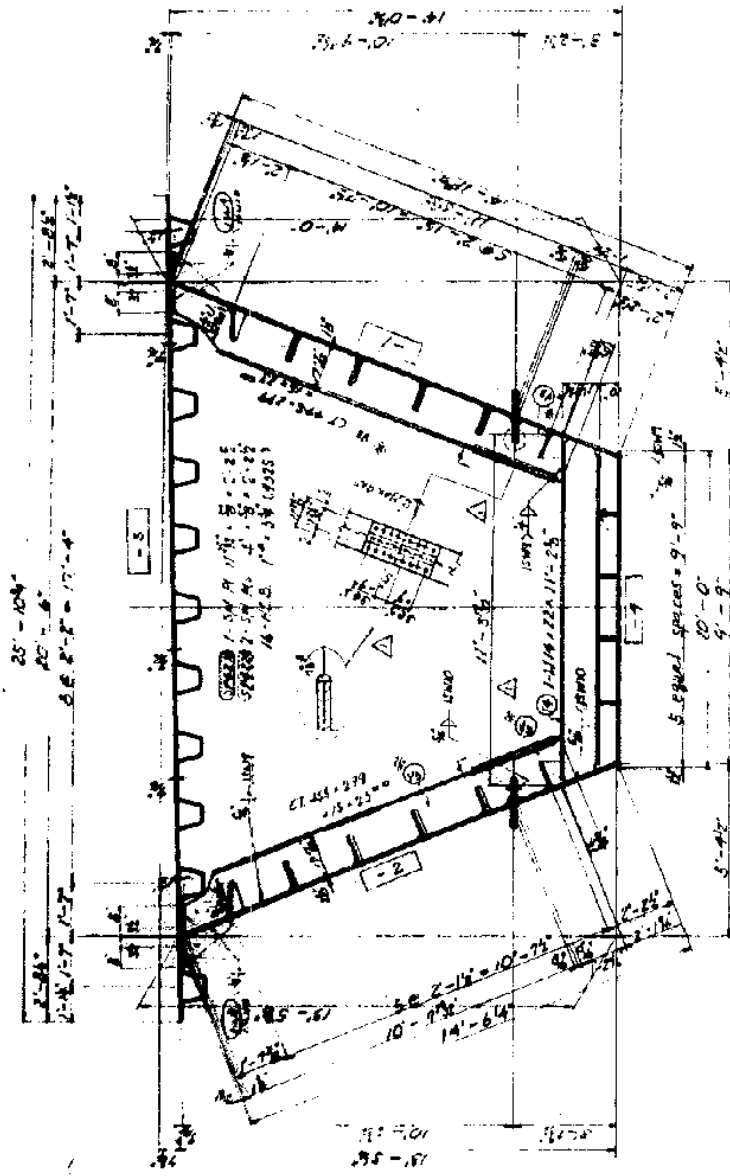
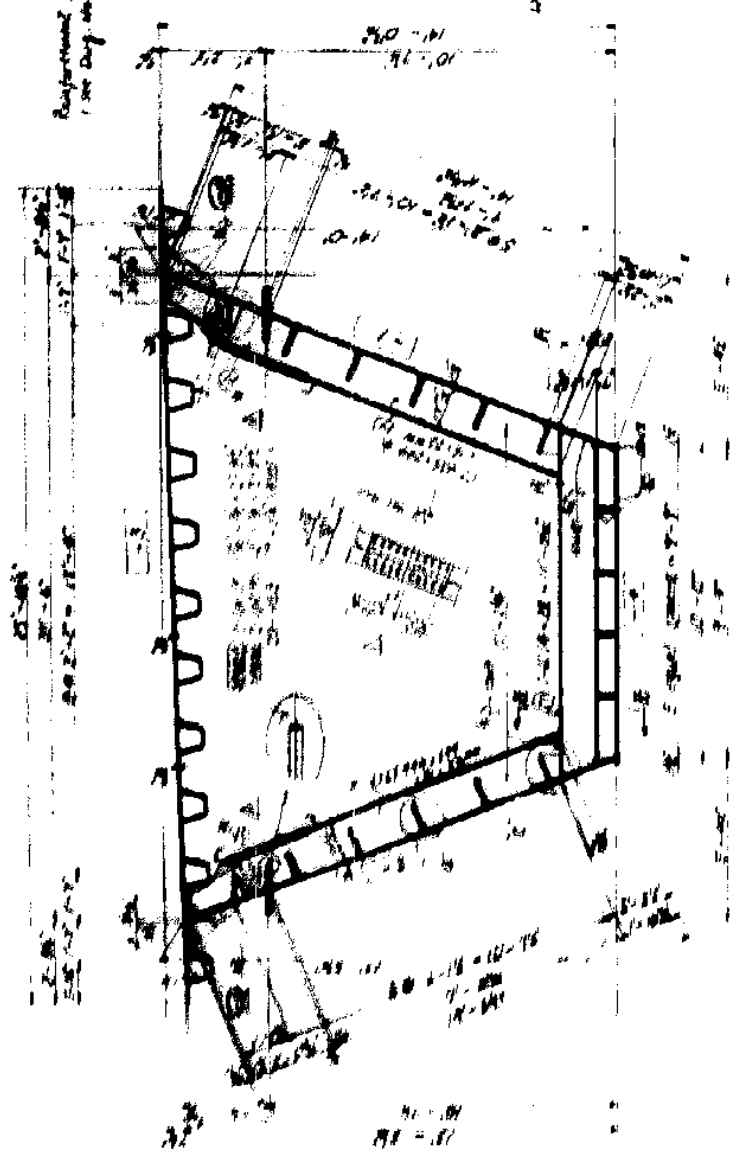
NOTES.

- 1 For notes, see Day No 5-128.
- 2 X 2 notes subscripted shapes and these details are shown on Day No 5-185.

[illegible]

AS 33174 School Des. Dist. of Snohomish
NO. DIST. USDEPT. OF AG
RECEIVED

BOX GIRDER TRANSV. STIFF. BRG. BRG. 4-10
Scale 1/4"=1'-0"

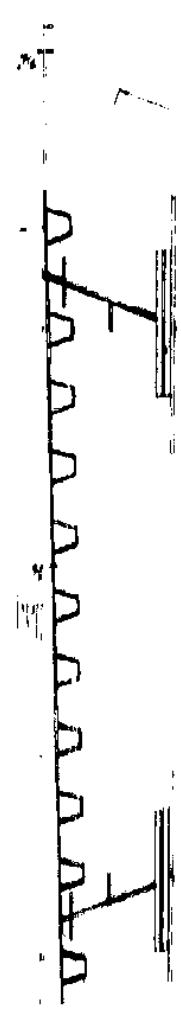


SECTION (3)

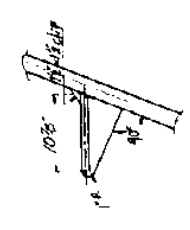
SEC. B-B

1. SEE DWS. 235 & 236

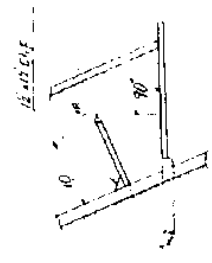
- NOTES:
- 1. For notes, see Dwg. No. S-128
 - 2. X Braces substituted shapes and their details are shown on Dwg. No. S-136.



DET. A-A
Scale 1/4"=1'-0"

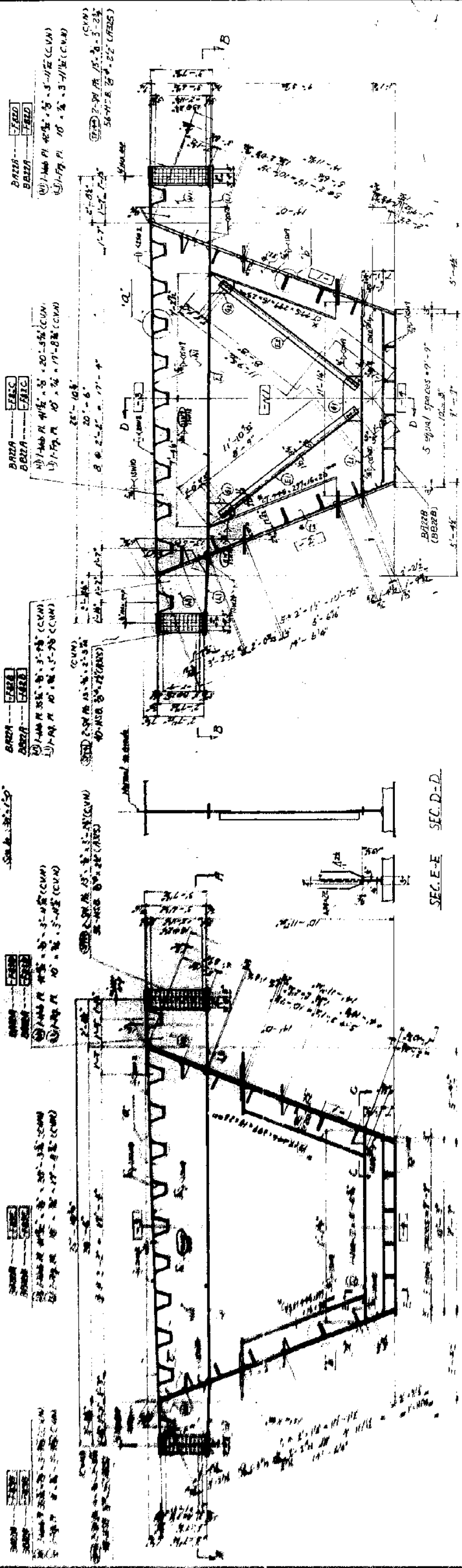


SEC. A-A
Scale 1/4"=1'-0"

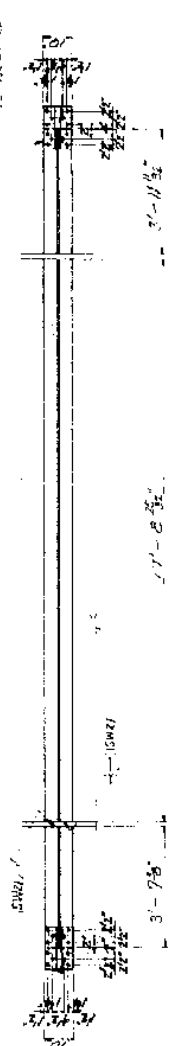


DET. C

TITLE	BOX GIRDER TRANSV. STIFF. BRG. BRG. 4-10
DEPARTMENT	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
PROJECT	STATE PROJECT NO. 890-27-02
DESIGNER	MISSISSIPPI RIVER COMMISSION
ENGINEER	MISSISSIPPI RIVER COMMISSION
DATE	1936
BY	W. H. HARRIS
CHECKED	W. H. HARRIS
APPROVED	W. H. HARRIS



SECTION 802

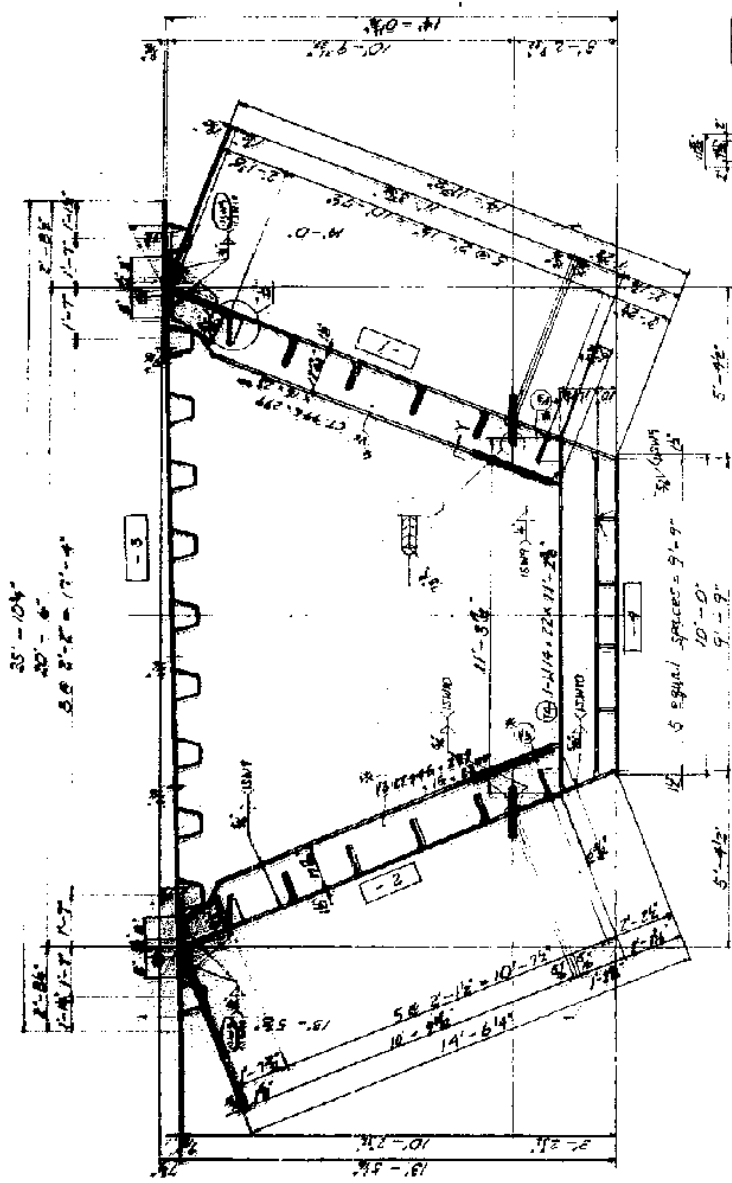
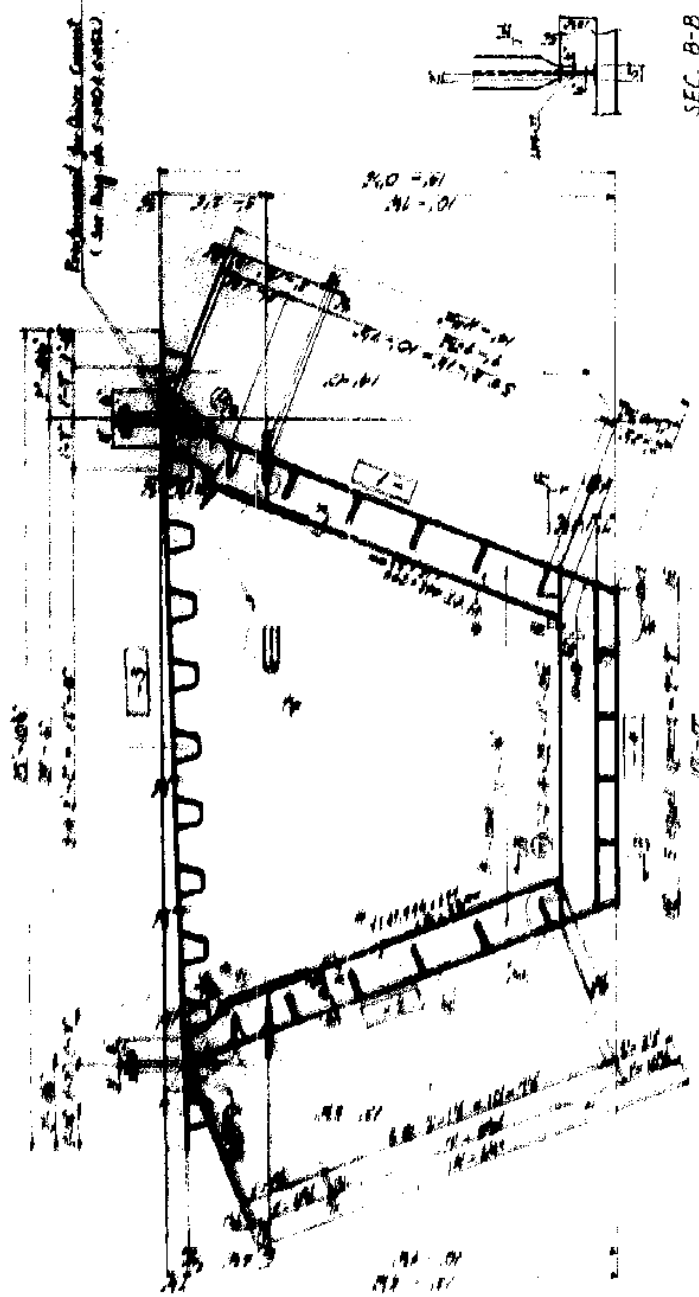


NOTES—
1 For notes, see Day No. 5-128 & 3-174.
2 & Diatoms substituted stamps and these details are shown on Day No. 5-135.

[illegible]

SHOP DRAWINGS

Sub: 31-1-01



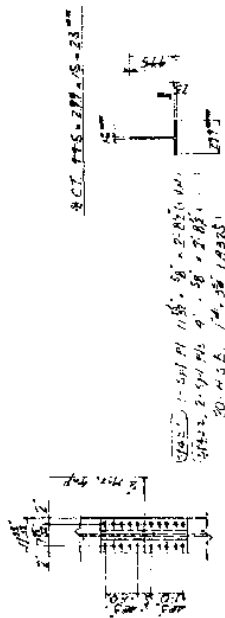
SECTION 117



SEC. Y-7 -
Scale: 1:100

NOTES:

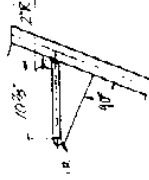
1. For notes, See Div. No. 5-120 & 5-292.
2. X X I-mation substituted shapes used these
details are shown on Div. No. 5-135.



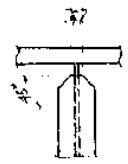
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84



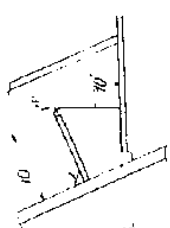
DET. "a"



2-1-1-495
2. 177

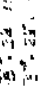


SEC. A-A



5112

[illegible]



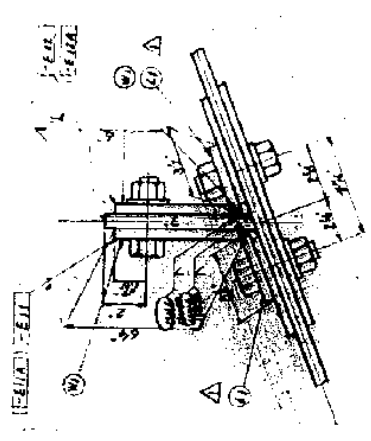
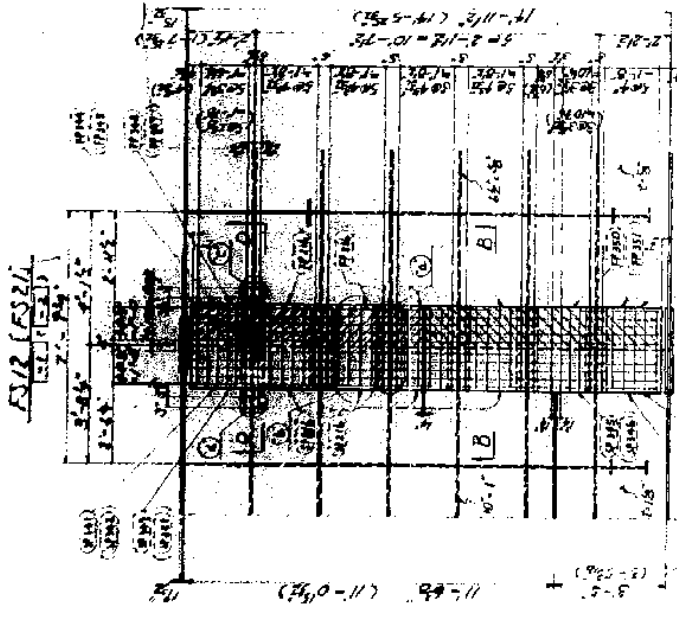
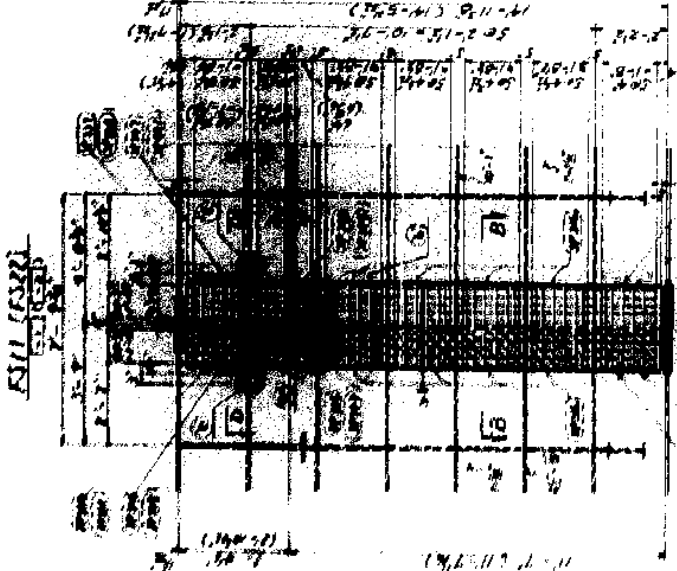
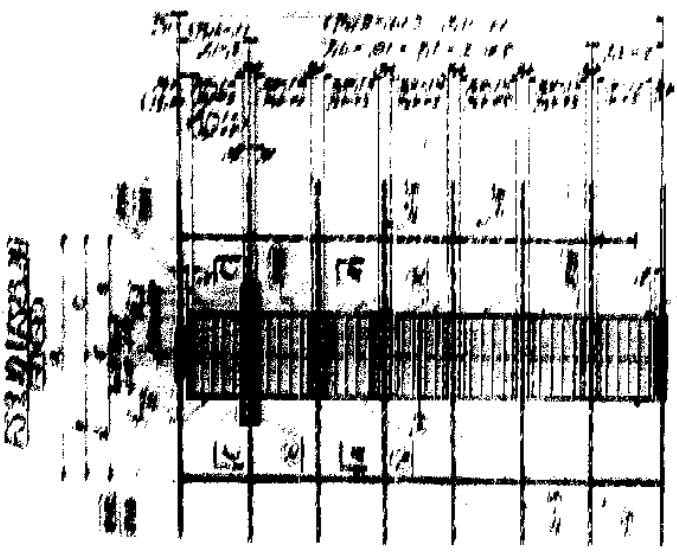
VOTES:

[illegible]

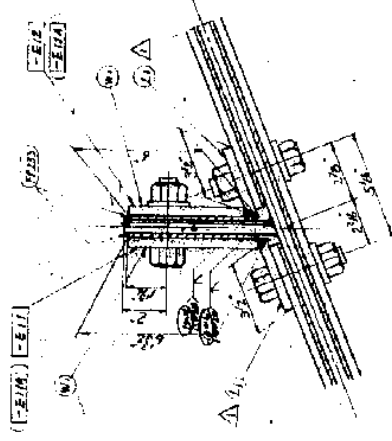
BOX GIRDER WEB FIELD SPICE DETAILS FS 7-FS 12 FS 21-FS 26
(Scale: 3/8" = 1'-0")

REVISIONS

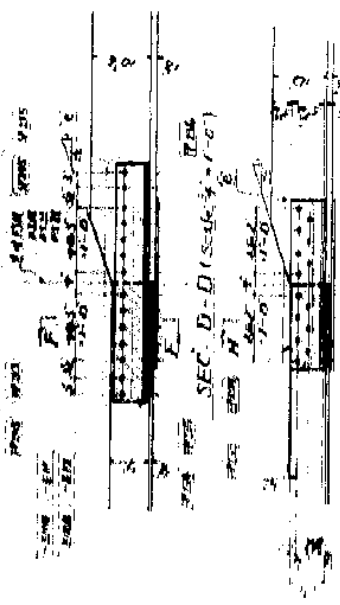
| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | AS SHOWN | |



SEC. E-E (Scale: 3/8" = 1'-0")



SEC. F-F (Scale: 3/8" = 1'-0")



SEC. D-D (Scale: 3/8" = 1'-0")



SEC. G-G



SEC. H-H

SEC. B-B (Scale: 3/8" = 1'-0")

Table with 4 columns: Item, Description, Quantity, and Unit. It lists various materials and components for the box girder web field splice.

Table with 4 columns: Item, Description, Quantity, and Unit. It lists various materials and components for the box girder web field splice.

NOTES:

- 1. For general notes, see Day No. 3-1.
- 2. All dimensions substituted shown and these details are shown on Day No. 3-1.
- 3. Dimensions in parentheses show exterior web of box girder and as follows.



CORNER REINFORCEMENT

H. SLICE MARKING

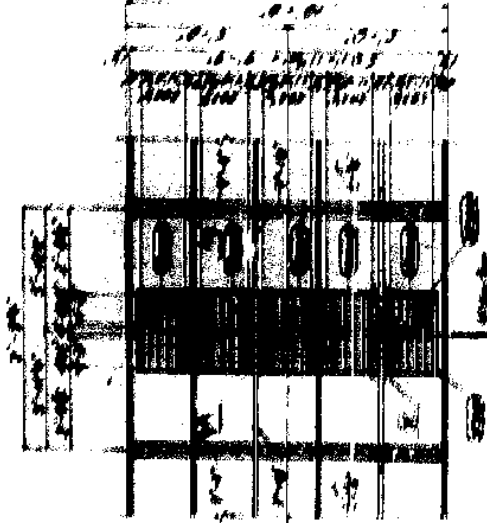


Table with 2 columns: Item, Description, and Quantity. It lists various materials and components for the box girder web field splice.

BOX GIRDER BOTTOM FLANGE FIELD SPLICE DETAILS FS 10 ~ FS 12 FS 21 ~ FS 23

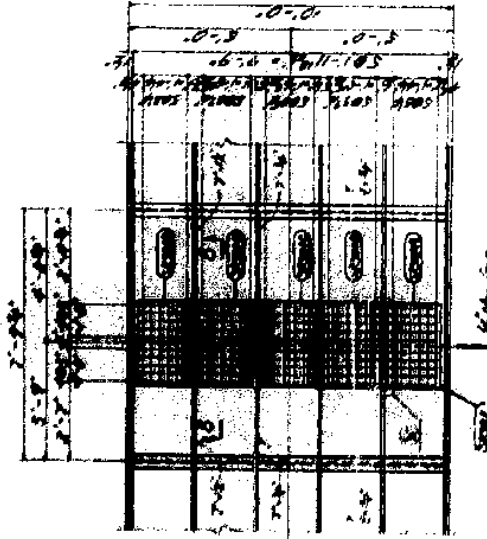
(Scale: 1/8" = 1'-0")

FS 10 (FS 23)



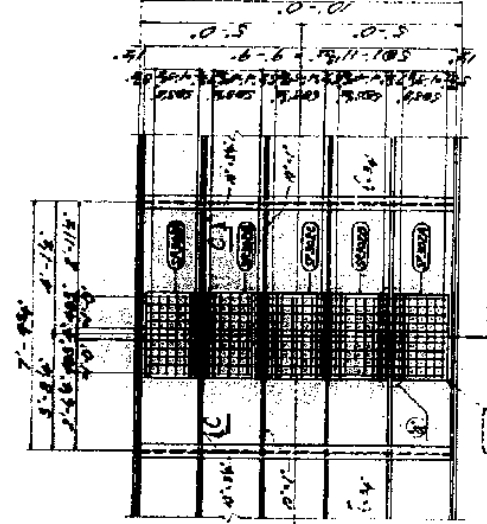
- 1-Spl 1/2 3/4" x 1/2" x 9'-4 3/4"
- 2-Spl 1/2 3/4" x 1/2" x 1'-6 5/8"
- 1-Spl 1/2 3/4" x 1/2" x 1'-7 1/2"
- 220-H.S.B 7/8" x 3/4" x 34" (A 305)

FS 11 (FS 22)

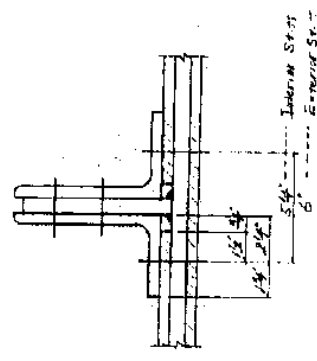


- 1-Spl 1/2 3/4" x 1/2" x 9'-4 3/4"
- 2-Spl 1/2 3/4" x 1/2" x 1'-6 5/8"
- 1-Spl 1/2 3/4" x 1/2" x 1'-7 1/2"
- 220-H.S.B 7/8" x 3/4" x 34" (A 305)

FS 12 (FS 21)



- 1-Spl 1/2 3/4" x 1/2" x 9'-4 3/4"
- 2-Spl 1/2 3/4" x 1/2" x 1'-6 5/8"
- 1-Spl 1/2 3/4" x 1/2" x 1'-7 1/2"
- 220-H.S.B 7/8" x 3/4" x 34" (A 305)

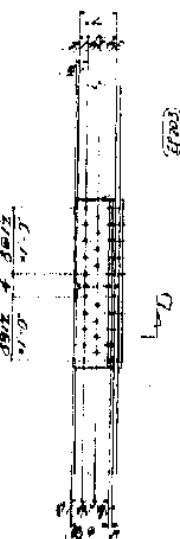


SEC. D-D
Scale: 1/4" = 1'-0"

NOTES:

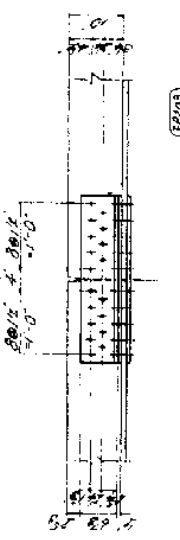
- 1. For General Notes, See Div. No. 5-1.
- 2. All details shown are for the purpose of showing the general arrangement of the details and are not to be used for construction purposes.

D 1/2 3/4" x 1/2" (FS 21)



SEC. D-D

A 1/2 3/4" x 1/2" (FS 21)



SEC. D-D

- 1-Spl 1/2 3/4" x 1/2" x 9'-4 3/4"
- 2-Spl 1/2 3/4" x 1/2" x 1'-6 5/8"
- 1-Spl 1/2 3/4" x 1/2" x 1'-7 1/2"
- 220-H.S.B 7/8" x 3/4" x 34" (A 305)

- 1-Spl 1/2 3/4" x 1/2" x 9'-4 3/4"
- 2-Spl 1/2 3/4" x 1/2" x 1'-6 5/8"
- 1-Spl 1/2 3/4" x 1/2" x 1'-7 1/2"
- 220-H.S.B 7/8" x 3/4" x 34" (A 305)

SEC. D-D

SEC. D-D

FIELD SPICE DETAILS FS 10 ~ FS 12 FS 21 ~ FS 23

1/2 3/4" x 1/2" (FS 21)
1/2 3/4" x 1/2" (FS 21)
1/2 3/4" x 1/2" (FS 21)



3-RIAS 56° 7' x 25.64 x 28° 0' (C.N.N.)
 3-RIAS 56° 7' x 25.64 x 16-052 (C.N.N.)
 3-RIAS 56° 7' x 25.64 x 21-05 (C.N.N.)
 3-RIAS 56° 7' x 25.64 x 22-052 (C.N.N.)
 6-RIAS 16° 4' x 1-042



3-Ribs. $56^{\circ} \times 9^{\circ} \times 25.64^{\circ} \times 8^{\circ} 21''$ (C.V.N.)
 3-Ribs. $56^{\circ} \times 9^{\circ} \times 25.64^{\circ} \times 22^{\circ} 0''$ (C.V.N.)
 3-Ribs. $56^{\circ} \times 9^{\circ} \times 25.64^{\circ} \times 16^{\circ} 4''$ (C.V.N.)
 3-Ribs. $56^{\circ} \times 9^{\circ} \times 25.64^{\circ} \times 23^{\circ} 3^{\circ} 5''$ (C.V.N.)
 3-Ribs. $56^{\circ} \times 9^{\circ} \times 25.64^{\circ} \times 23^{\circ} 35^{\circ} 5''$ (C.V.N.)
 9-Ribs. $16^{\circ} \times 4^{\circ} \times 1^{\circ} 14''$

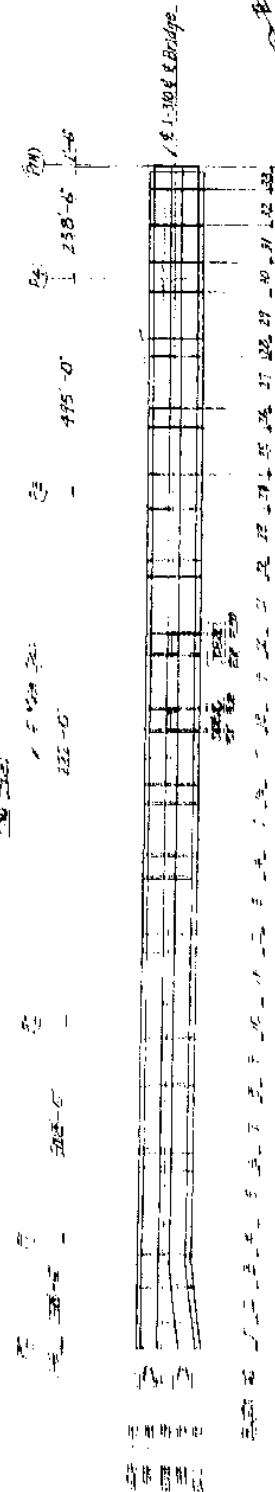


SHAPE OF DECK PLATE IN A HORIZONTAL PLANE (NO SCALE)

1. For Notes, see Diag. No. 5-110
2. Work with Diag. No. 5-114 & 5-115.

| | |
|--|--|
| TITLE | CENTER DECK · SDB18 · SDB20 |
| STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
OFFICE OF HIGHWAYS | |
| STATE PROJECT NO. | 450 - 37 - C2 |
| F.A.P. NO. | 1-310-46351223 |
| MISISSIPPI RIVER BRIDGE (ILLING) | |
| MAIN RIVER CROSSING SUPERSTRUCTURE | |
| ST. CHARLES PARISH | |
| ENGINEER | WILLIAMS BROTHERS CONSTRUCTION CO., INC. |
| ARCHITECT | LEFKOWITZ ARCHITECTS, INC., NEW ORLEANS, LA. |
| STATE OF MISSISSIPPI
DIVISION OF HIGHWAYS | KURE SHINJI WORKS, NAGASAKI, JAPAN |
| BRIDGES DESIGN GROUP | FUNCTION DESIGN DEPT. |
| MANAGER | <i>[Signature]</i> 9-3/4 |
| CHIEF | N. K. 3-4-79 |
| IN CHARGE | N. Kobayashi 4-11-0 |
| DRAWN BY | At 4-10-80 1P-20BY K. Yoshikawa |

| | |
|----|------------|
| 25 | 14.4 (0.2) |
|----|------------|

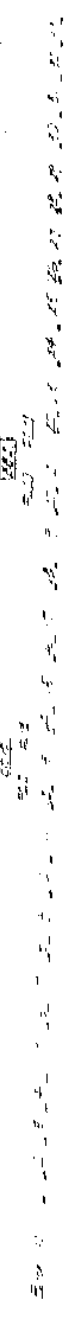


10

100



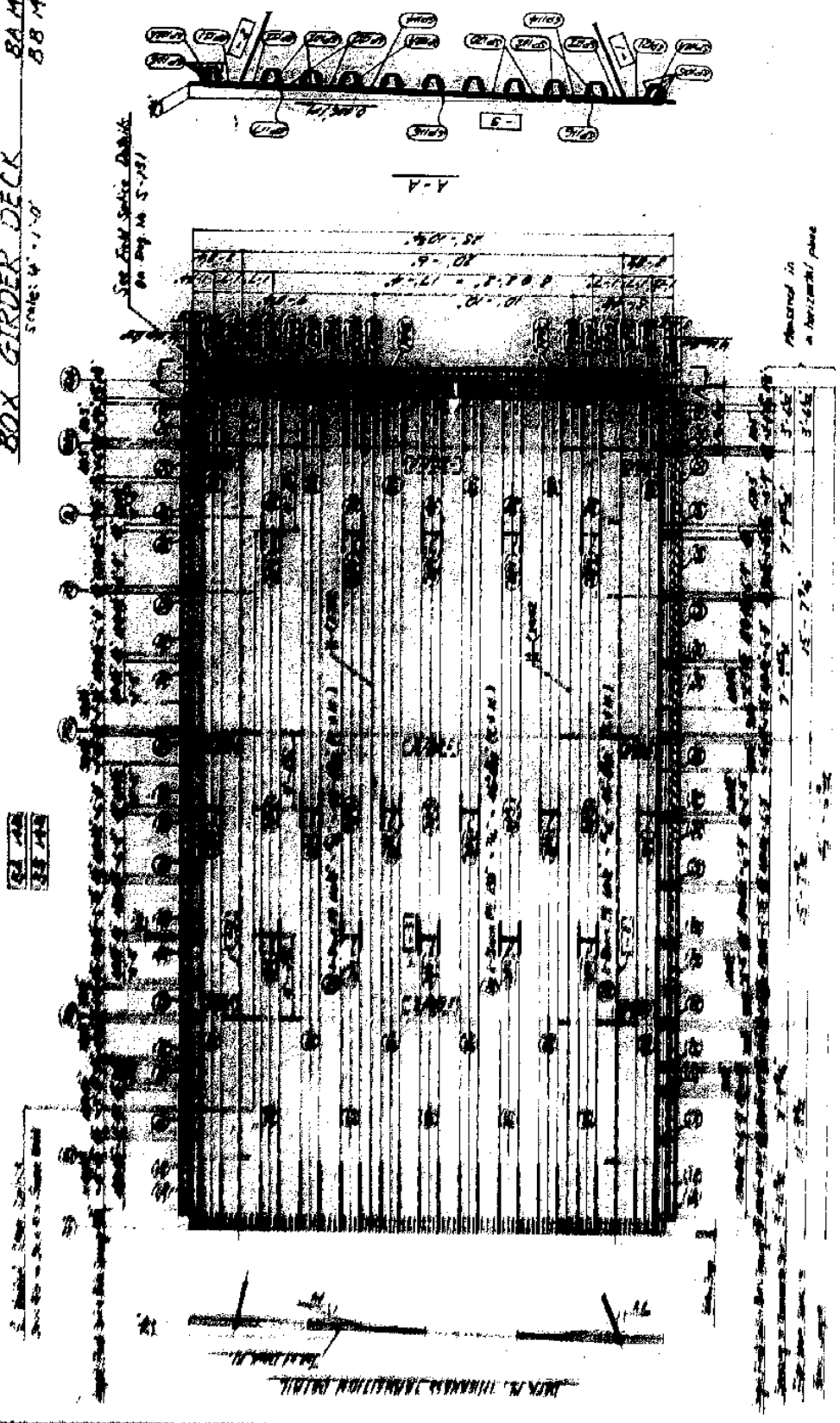
1. For additional notes, see Day. No. 5-11b.



SHOP DRAWINGS

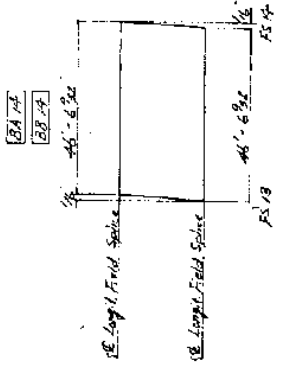
BOX GIRDER DECK

中華書局



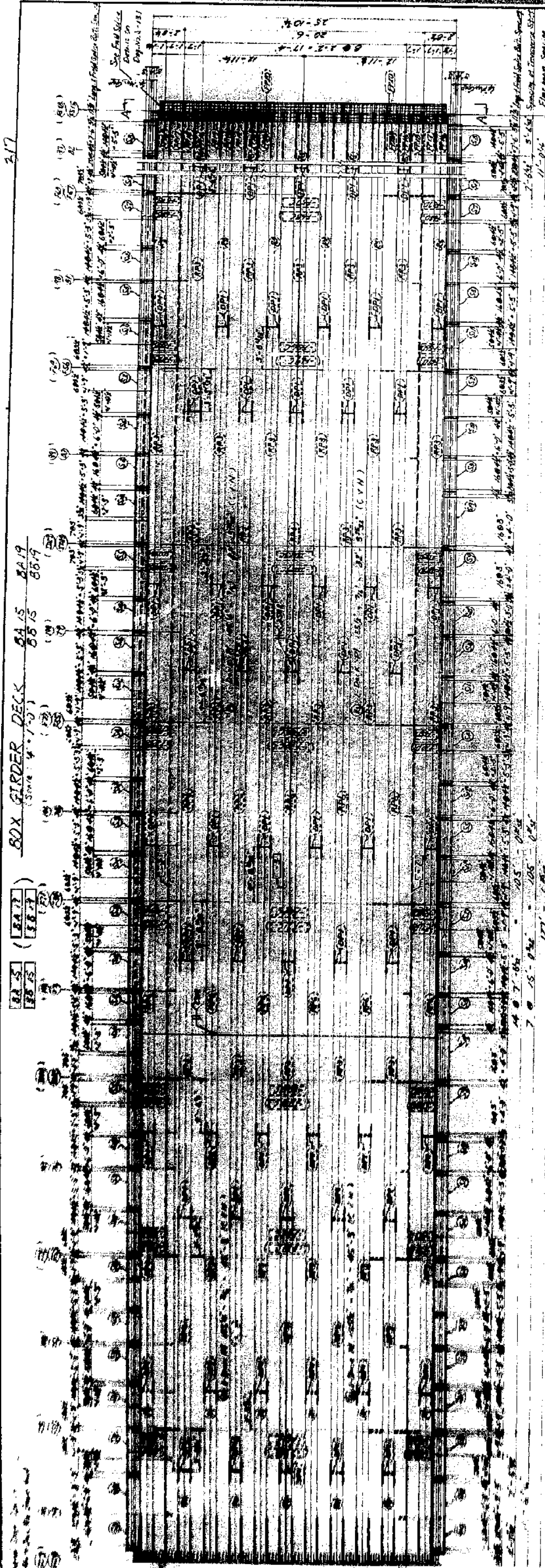
NOTES :-

1. For Firrebean, Transverse Stiff. & Intermediate Diaph. See Diag. No. 5-345 tabu 5-347.
2. For additional notes, See Diag. No. 5-116.

[illegible]

| | | |
|--|---|-----------|
| TITLE | BOX GIRDER DECK | SNY. 8814 |
| STATE OF LOUISIANA | | |
| DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT | | |
| OFFICE OF HIGHWAYS | | |
| STATE PROJECT NO. 200-0-0-200 | | |
| F.A. NO. 200-0-0-200 | | |
| MISSISSIPPI RIVER BRIDGE 100' WET | | |
| MAIN RIVER CROSSING SUPERSTRUCTURE | | |
| ST. CHARLES PARISH | | |
| CONTRACTOR | WILLIAMS BRIDGES AND GUTTER CO. INC. | |
| LOCATION | ISHUKQUAWJA-HAYNES PLANT PLANTERS CO. | |
| SECTION | POLE BRIDGE WITH | |
| DESCRIPTION | BRIDGE DESIGN SHEET NUMBER 11 DESIGN DET. | |
| REMARKS | <i>See Notes</i> | 5-8-6 |
| CHECKED | <i>W. K. Karp</i> | 5-8-6 |
| DESIGNED | <i>W. K. Karp</i> | 5-8-6 |
| APPROVED | <i>W. K. Karp</i> | 5-8-6 |
| DATE | 5-8-6 | |

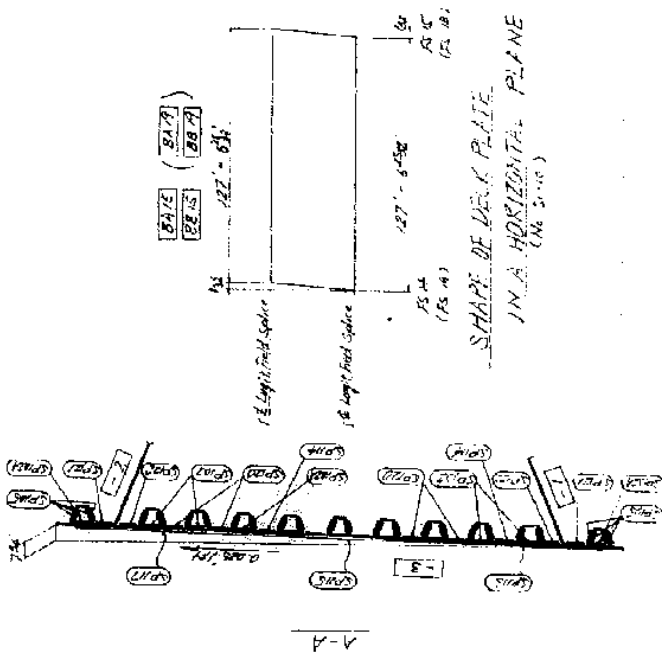
| | | | |
|------|---------|----|----------|
| DATE | 10/1/78 | BY | W. J. B. |
| TIME | 10:00 | BY | W. J. B. |
| DATE | 10/1/78 | BY | W. J. B. |
| TIME | 10:00 | BY | W. J. B. |



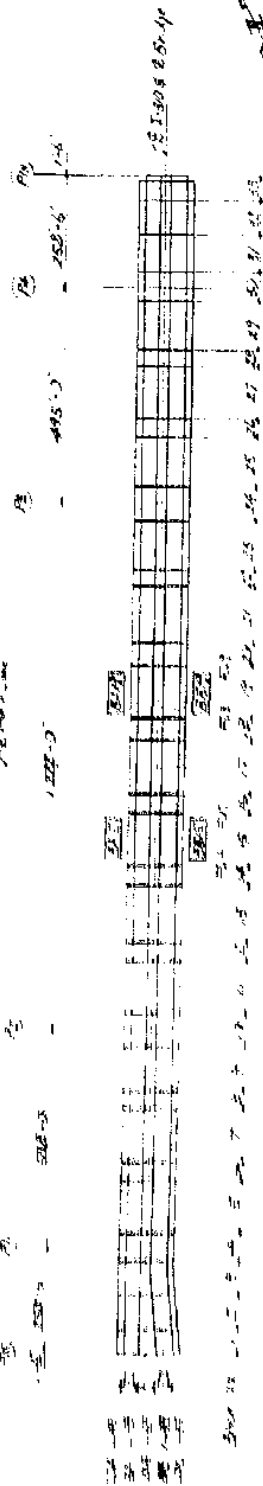
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|
| 一、 | 二、 | 三、 | 四、 | 五、 | 六、 | 七、 | 八、 | 九、 | 十、 | 十一、 | 十二、 | 十三、 | 十四、 | 十五、 | 十六、 | 十七、 | 十八、 | 十九、 | 二十、 | 二十一、 | 二十二、 | 二十三、 | 二十四、 | 二十五、 | 二十六、 | 二十七、 | 二十八、 | 二十九、 | 三十、 | 三十一、 | 三十二、 | 三十三、 | 三十四、 | 三十五、 | 三十六、 | 三十七、 | 三十八、 | 三十九、 | 四十、 | 四十一、 | 四十二、 | 四十三、 | 四十四、 | 四十五、 | 四十六、 | 四十七、 | 四十八、 | 四十九、 | 五十、 | 五十一、 | 五十二、 | 五十三、 | 五十四、 | 五十五、 | 五十六、 | 五十七、 | 五十八、 | 五十九、 | 六十、 | 六十一、 | 六十二、 | 六十三、 | 六十四、 | 六十五、 | 六十六、 | 六十七、 | 六十八、 | 六十九、 | 七十、 | 七十一、 | 七十二、 | 七十三、 | 七十四、 | 七十五、 | 七十六、 | 七十七、 | 七十八、 | 七十九、 | 八十、 | 八十一、 | 八十二、 | 八十三、 | 八十四、 | 八十五、 | 八十六、 | 八十七、 | 八十八、 | 八十九、 | 九十、 | 九十一、 | 九十二、 | 九十三、 | 九十四、 | 九十五、 | 九十六、 | 九十七、 | 九十八、 | 九十九、 | 一百、 |
|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|

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|---------|----|----|-------|
| 2-50076 | 15 | 30 | 10-72 |
| 4-50076 | 15 | 30 | 7-38 |
| 6-50076 | 15 | 30 | 7-62 |
| 2-50076 | 15 | 30 | 7-62 |
| 4-50076 | 15 | 30 | 7-62 |
| 2-50076 | 15 | 30 | 7-62 |
| 4-50076 | 15 | 30 | 7-62 |
| 2-50076 | 15 | 30 | 10-12 |
| 4-50076 | 15 | 30 | 7-62 |
| 2-50076 | 15 | 30 | 7-62 |
| 4-50076 | 15 | 30 | 7-62 |

(NAD)



Dr. J. H. H. H.

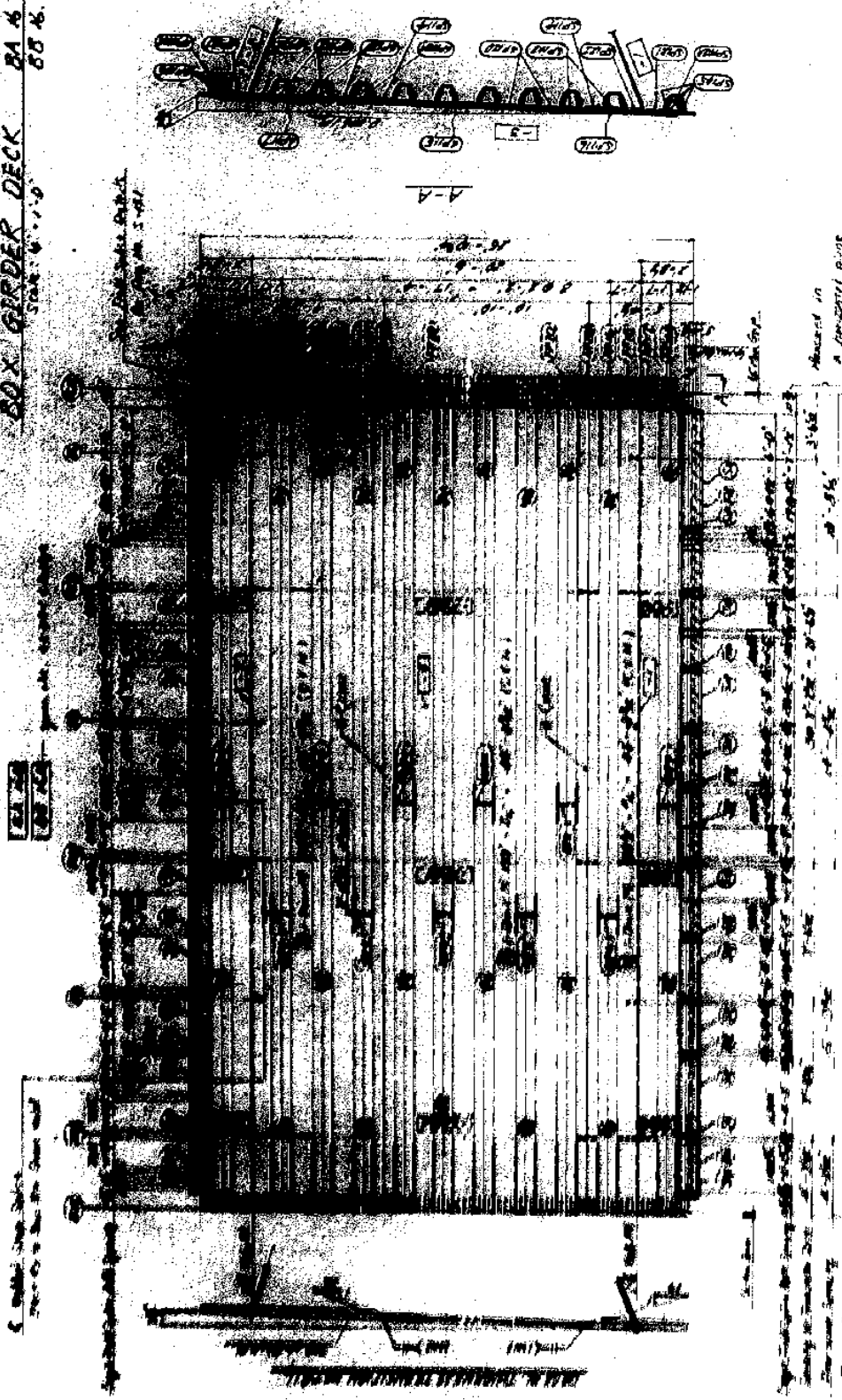


NOTES:

1. For Note, See Dmg. No. S-216.
- 2 For Section, See Dmg. No. S-344 & S-348.

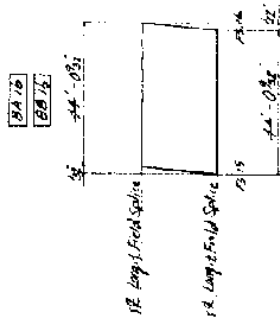
[illegible]

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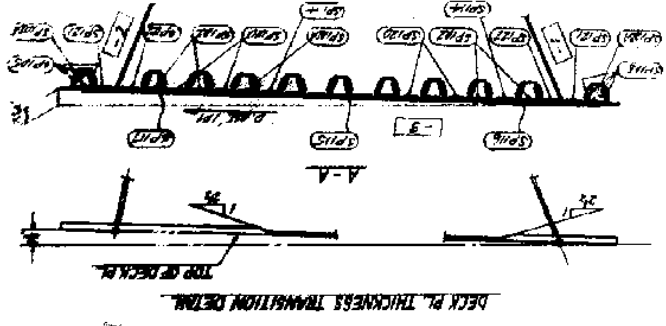
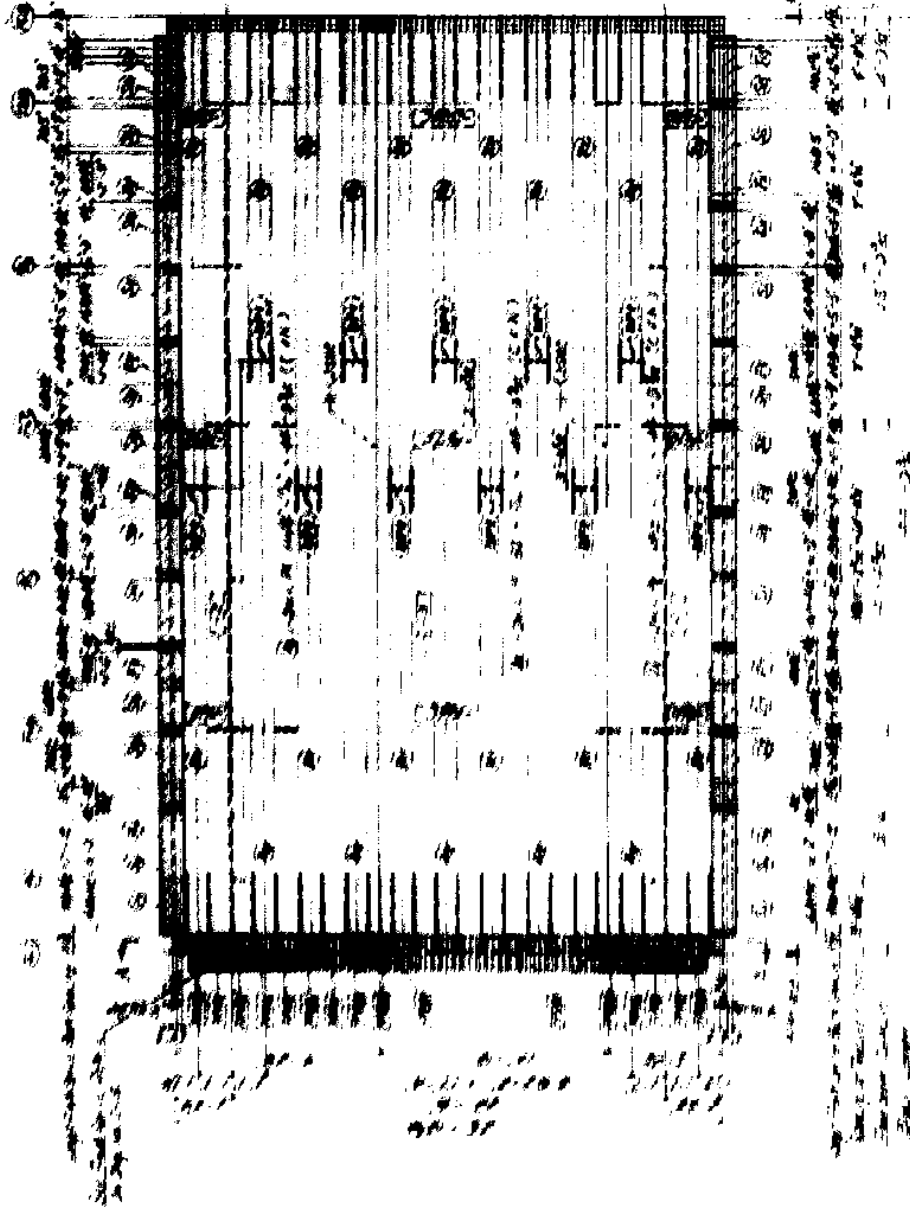
NOTES

1. For notes, See Day. No. S-150
2. For Fluorine and Inverse. Stiff,
See Day. No. S-149, S-300 & S-351.

[illegible]

| | |
|--|-----------------------------------|
| TITLE | BOX GIRDER DECK BRG. BRG. |
| STATE OF LOUISIANA | |
| DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT | |
| OFFICE OF HIGHWAYS | |
| STATE PROJECT NO. | 422 34-102 |
| FAP NO. | 1-2-20-102 |
| MISSISSIPPI RIVER BRIDGE | |
| MAIN RIVER CROSSING SUPERSTRUCTURE | |
| ST. CHARLES BRIDGE | |
| CONTRACTOR | WILLIAM BRADLEY AND SONS CO. INC. |
| DESIGNED BY | ISHIKAWA HAZEN AND ASSOCIATES CO. |
| CHECKED BY | W. H. HARRIS |
| DATE | 12-2-34 |
| APPROVED BY | W. H. HARRIS |
| DATE | 12-2-34 |
| MANAGER | For X. K. K. K. |
| CHIEF | 12-2-34 |
| ENGINEER | 12-2-34 |
| CHECKED BY | 12-2-34 |

| | |
|----------|---------------|
| MANAGER | FOR X. Kordak |
| CHIEF | |
| BY | W. Kordak |
| CHIEF BY | W. Kordak |



2000-01-01

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-----|---|
| 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 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 5 |
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| 2 | -500 P ₁ | 15 | 53 | 9 | 9% |
| 2 | -500 P ₂ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₃ | 15 | 53 | 6 | 11% |
| 2 | -500 P ₄ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₅ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₁₀ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₂₃ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₂₄ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₂₅ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₂₆ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₂₇ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₃₃ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₄₉ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₅₂ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₅₃ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₅₄ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₅₅ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₅₆ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₅₇ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₆₂ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₆₃ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₆₄ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₆₅ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₆₆ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₆₇ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₆₈ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₆₉ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₇₀ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₇₁ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₇₂ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₇₃ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₇₄ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₇₉ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₈₀ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₈₁ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₈₂ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₈₃ | 15 | 53 | 7 | 5% |
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| 2 | -500 P ₉₇ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₉₈ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₉₉ | 15 | 53 | 7 | 5% |
| 2 | -500 P ₁₀₀ | 15 | 53 | 7 | 5% |

BA 13

$$F = \frac{44.4}{100} = 0.444$$


100-100000-100000
 100-100000-100000

SHAPE OF DECK PLATE
IN A HORIZONTAL PLANE
(No Scale)

W.D.E.S.

1 For Notes. See Day No. 5 116
2 For Floorboard and transil. stiff. See Day.
No. 5-354, 5-355 & 5-356

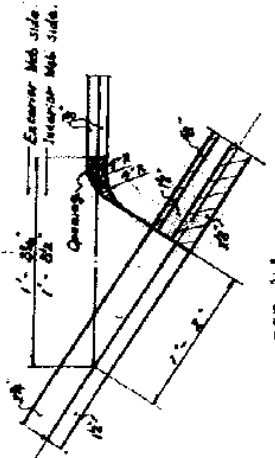
| | | |
|--------------------|--|--------------------|
| TITLE | BOX GIRDER DECK | ADAM, BRIS |
| STATE OF LOUISIANA | DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT | OFFICE OF HIGHWAYS |
| PROJECT NO. | 223 | 223 |
| LOCATION | MISSISSIPPI RIVER BRIDGE | ST. CHARLES PARISH |
| DESCRIPTION | MAIN RIVER CROSSING SUPPLEMENTARY | |
| CONTRACT | WILLIAMS BROTHERS CONSTRUCTION CO. INC. | |
| DATE | 5-19-59 | 5-19-59 |
| BY | J. H. H. H. | 4-1-50 |
| REVISION | | |
| APPROVED | | |
| TRANSFER | | |
| CHECK | | |
| IN FILE | | |
| DATE | | |

BOX GIRDER WEB BAH. BBA (1/3)

BOX GIRDER DETAILS

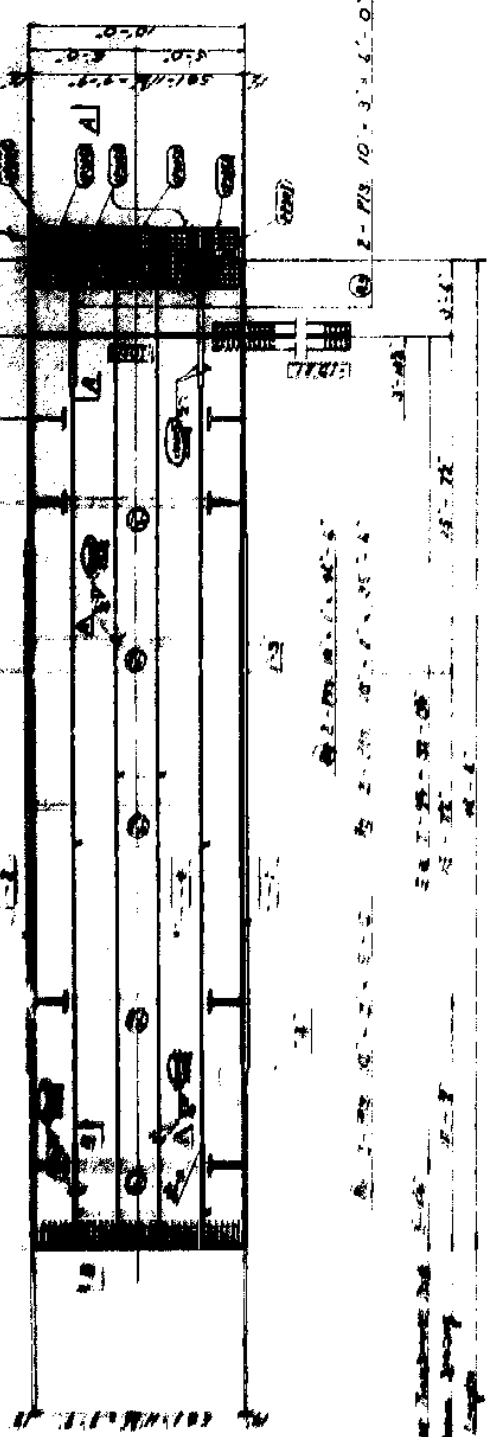
326

201 100 20



DET. 'b'
Scale: 1/2" = 1'-0"
(See Day No. S-323)

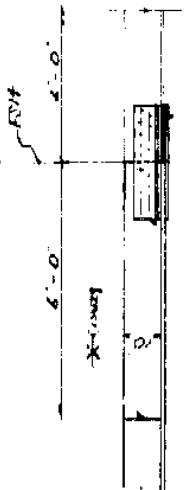
DET. 'a'
Scale: 1/2" = 1'-0"
(See Day No. S-323)



DET. 'a' (P13)
Scale: 1/2" = 1'-0"
(See Day No. S-323)

SEC. Q-Q
Scale: 1/2" = 1'-0"
(See Day No. S-323)

SEC. P-P
Scale: 1/2" = 1'-0"
(See Day No. S-323)



SEC. A-A
Scale: 1/2" = 1'-0"

Longitudinal End Detail -
Scale: 1/2" = 1'-0"
(Exterior side only)

WORKING DIAGRAM

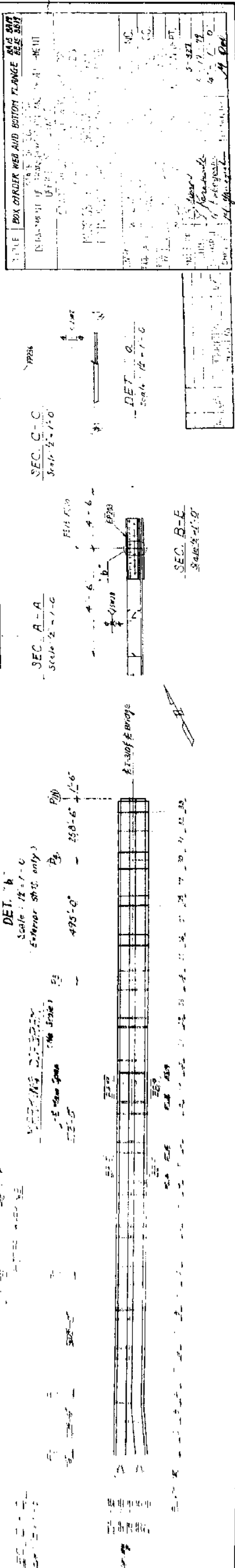
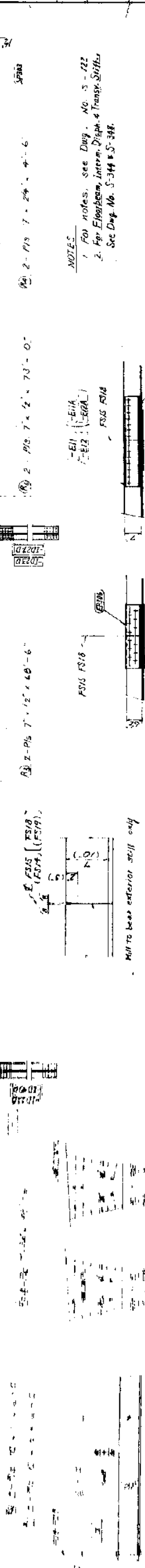
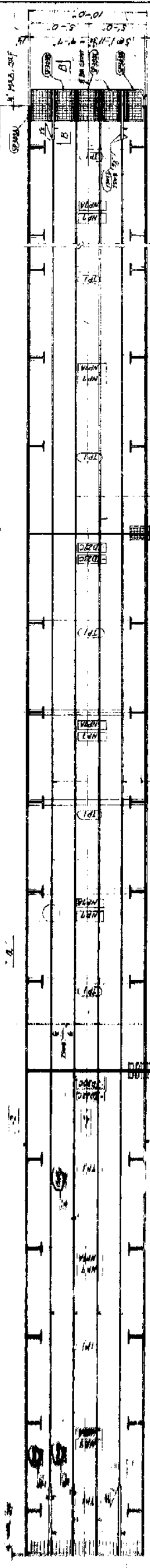
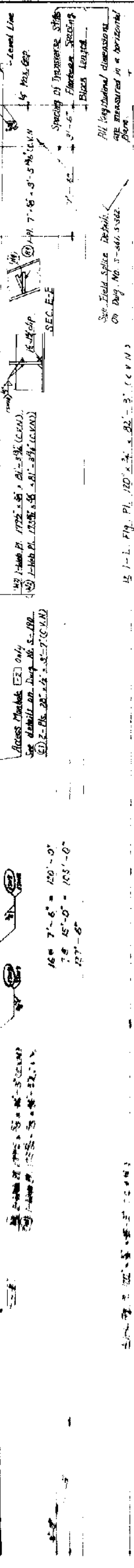
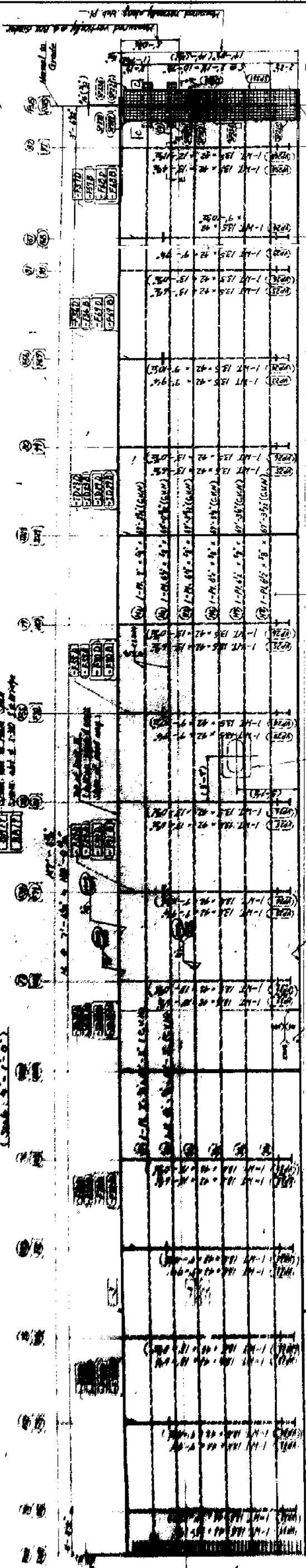


SEC. B-B
Scale: 1/2" = 1'-0"

| | |
|-----------------------|--|
| TITLE | BOX GIRDER BOTTOM RANGE RAINBOW BRIDGE |
| STATE OF MISSISSIPPI | DEPARTMENT OF TRANSPORTATION |
| OFFICE OF ENGINEERING | BRIDGES DIVISION |
| PROJECT NO. | 100-1-100-223 |
| DATE | 10-1-50 |
| DESIGNED BY | W. H. HARRIS |
| CHECKED BY | W. H. HARRIS |
| APPROVED BY | W. H. HARRIS |
| DATE | 10-1-50 |
| BY | W. H. HARRIS |
| FOR | MISSISSIPPI BRIDGE DIVISION |

BOX GIRDER WEB AND BOTTOM FLANGE BRIS. BRIS. BUT. BUT.

327

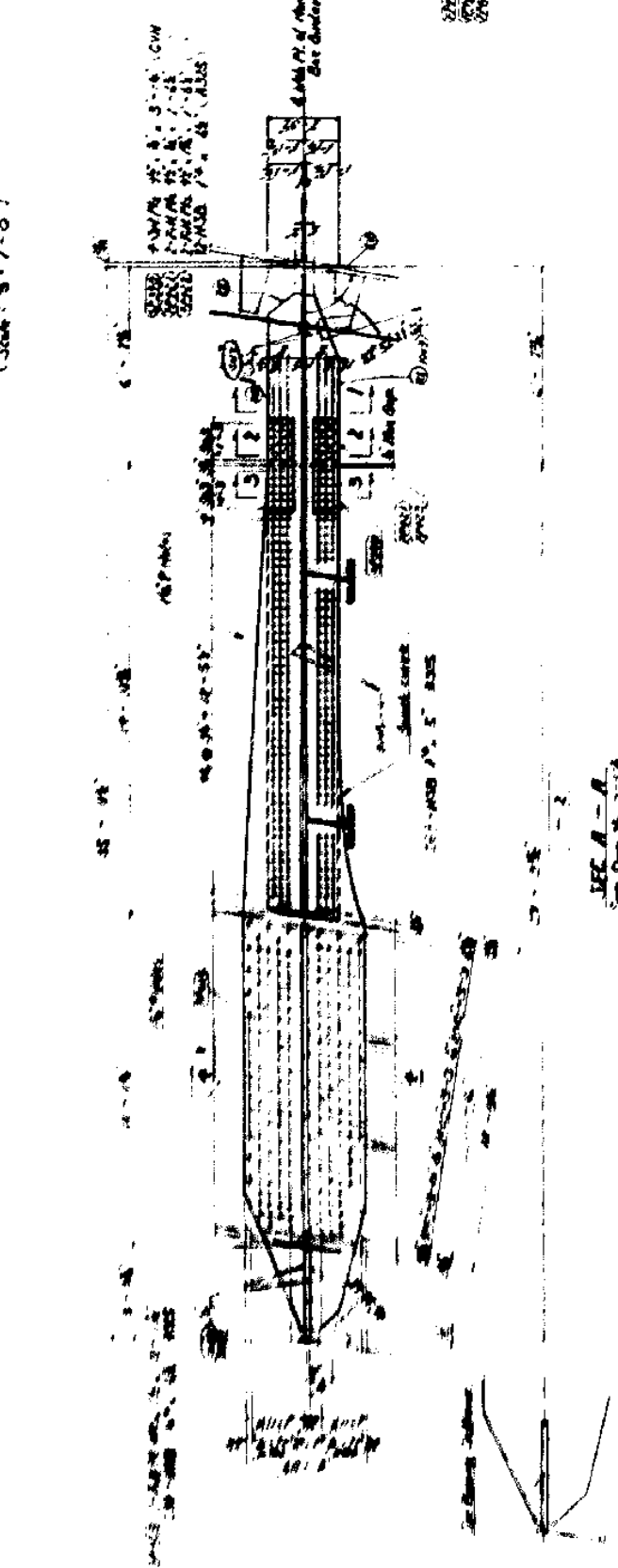
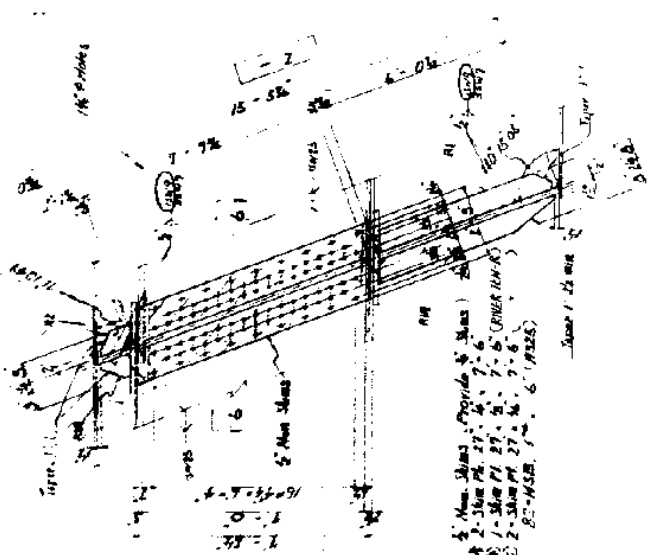
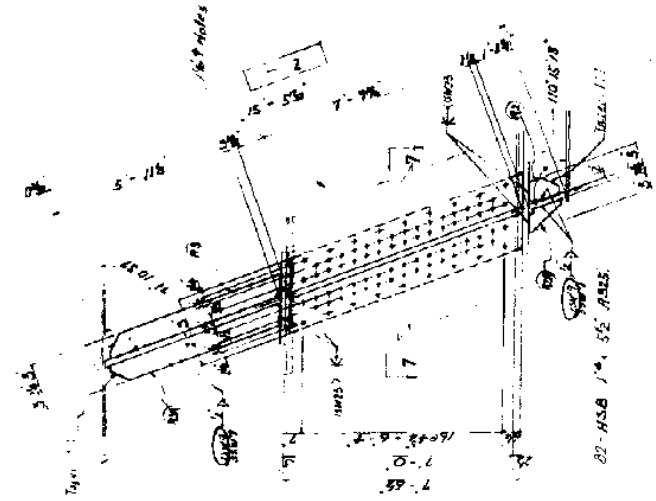


NOTES
1. For notes, see Day. No. 5-122
2. For Floorbeam, Intern. Diaphragm, Stiffener
See Day. No. 5-344 & 5-348.

| ITEM | BOX GIRDER WEB AND BOTTOM FLANGE | BRIS. BRIS. BUT. BUT. |
|------|----------------------------------|-----------------------|
| 1 | 16\" | 16\" |
| 2 | 16\" | 16\" |
| 3 | 16\" | 16\" |
| 4 | 16\" | 16\" |
| 5 | 16\" | 16\" |
| 6 | 16\" | 16\" |
| 7 | 16\" | 16\" |
| 8 | 16\" | 16\" |
| 9 | 16\" | 16\" |
| 10 | 16\" | 16\" |
| 11 | 16\" | 16\" |
| 12 | 16\" | 16\" |
| 13 | 16\" | 16\" |
| 14 | 16\" | 16\" |
| 15 | 16\" | 16\" |
| 16 | 16\" | 16\" |
| 17 | 16\" | 16\" |
| 18 | 16\" | 16\" |
| 19 | 16\" | 16\" |
| 20 | 16\" | 16\" |
| 21 | 16\" | 16\" |
| 22 | 16\" | 16\" |
| 23 | 16\" | 16\" |
| 24 | 16\" | 16\" |
| 25 | 16\" | 16\" |
| 26 | 16\" | 16\" |
| 27 | 16\" | 16\" |
| 28 | 16\" | 16\" |
| 29 | 16\" | 16\" |
| 30 | 16\" | 16\" |
| 31 | 16\" | 16\" |
| 32 | 16\" | 16\" |
| 33 | 16\" | 16\" |
| 34 | 16\" | 16\" |
| 35 | 16\" | 16\" |
| 36 | 16\" | 16\" |
| 37 | 16\" | 16\" |
| 38 | 16\" | 16\" |
| 39 | 16\" | 16\" |
| 40 | 16\" | 16\" |
| 41 | 16\" | 16\" |
| 42 | 16\" | 16\" |
| 43 | 16\" | 16\" |
| 44 | 16\" | 16\" |
| 45 | 16\" | 16\" |
| 46 | 16\" | 16\" |
| 47 | 16\" | 16\" |
| 48 | 16\" | 16\" |
| 49 | 16\" | 16\" |
| 50 | 16\" | 16\" |
| 51 | 16\" | 16\" |
| 52 | 16\" | 16\" |
| 53 | 16\" | 16\" |
| 54 | 16\" | 16\" |
| 55 | 16\" | 16\" |
| 56 | 16\" | 16\" |
| 57 | 16\" | 16\" |
| 58 | 16\" | 16\" |
| 59 | 16\" | 16\" |
| 60 | 16\" | 16\" |
| 61 | 16\" | 16\" |
| 62 | 16\" | 16\" |
| 63 | 16\" | 16\" |
| 64 | 16\" | 16\" |
| 65 | 16\" | 16\" |
| 66 | 16\" | 16\" |
| 67 | 16\" | 16\" |
| 68 | 16\" | 16\" |
| 69 | 16\" | 16\" |
| 70 | 16\" | 16\" |
| 71 | 16\" | 16\" |
| 72 | 16\" | 16\" |
| 73 | 16\" | 16\" |
| 74 | 16\" | 16\" |
| 75 | 16\" | 16\" |
| 76 | 16\" | 16\" |
| 77 | 16\" | 16\" |
| 78 | 16\" | 16\" |
| 79 | 16\" | 16\" |
| 80 | 16\" | 16\" |
| 81 | 16\" | 16\" |
| 82 | 16\" | 16\" |
| 83 | 16\" | 16\" |
| 84 | 16\" | 16\" |
| 85 | 16\" | 16\" |
| 86 | 16\" | 16\" |
| 87 | 16\" | 16\" |
| 88 | 16\" | 16\" |
| 89 | 16\" | 16\" |
| 90 | 16\" | 16\" |
| 91 | 16\" | 16\" |
| 92 | 16\" | 16\" |
| 93 | 16\" | 16\" |
| 94 | 16\" | 16\" |
| 95 | 16\" | 16\" |
| 96 | 16\" | 16\" |
| 97 | 16\" | 16\" |
| 98 | 16\" | 16\" |
| 99 | 16\" | 16\" |
| 100 | 16\" | 16\" |

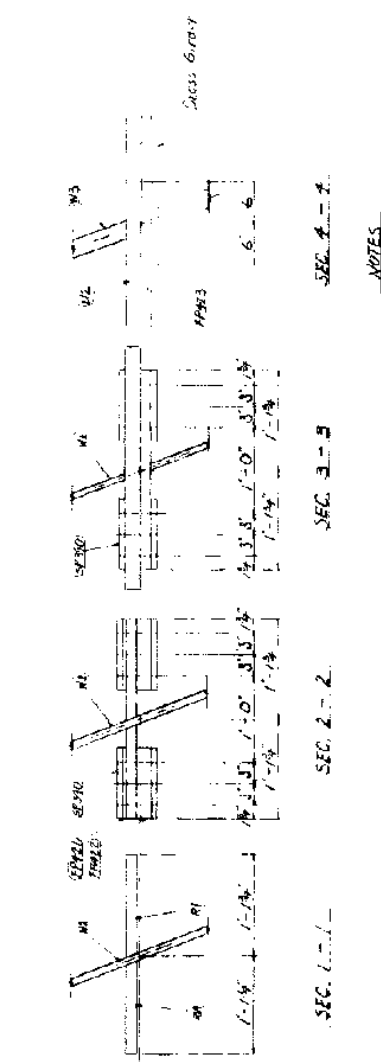
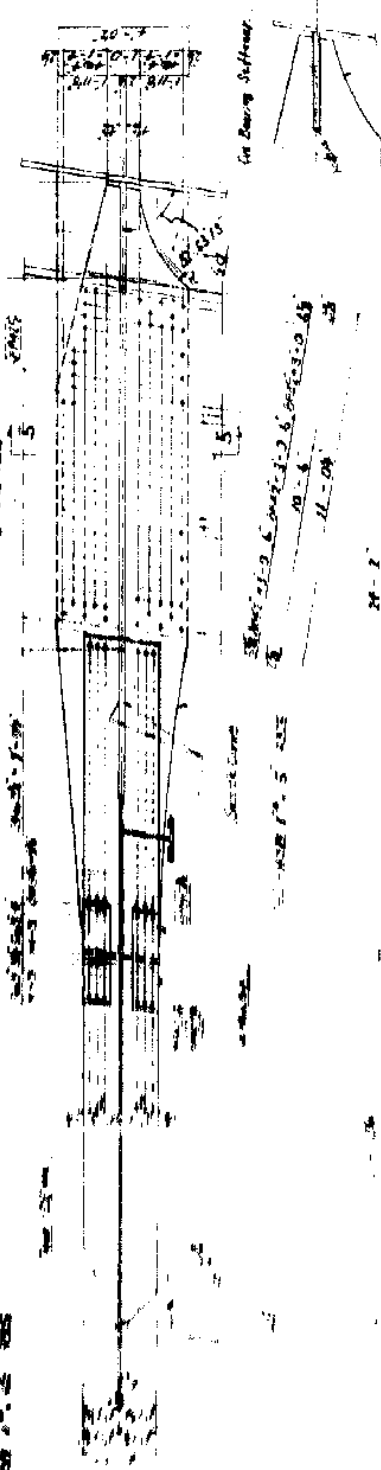
BOX GIRDER WEB BA16.BB16 (1/3)

329



SEC. C - C
See Diag. No. S-328

SEC. D - D
See Diag. No. S-328

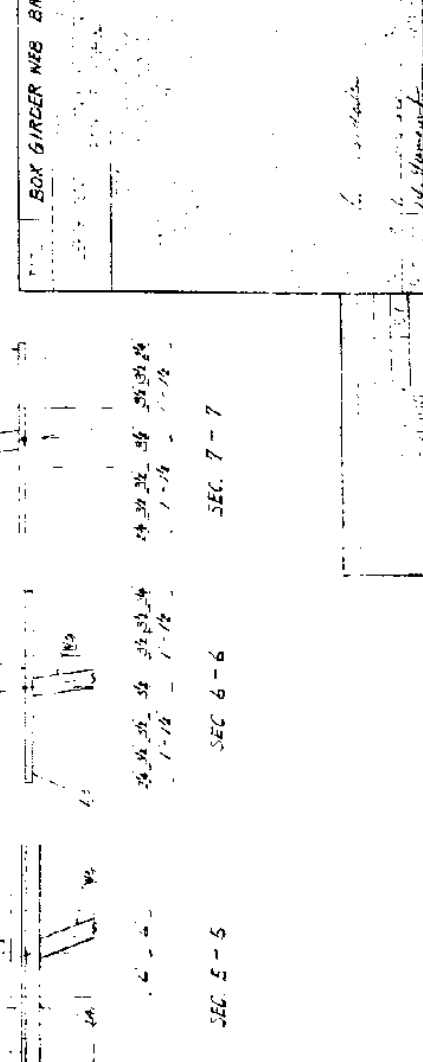


SEC. 1 - 1

SEC. 2 - 2

SEC. 3 - 3

SEC. 4 - 4



BOX GIRDER WEB BA16.BB16 (1/3)

NOTES:
1. This diag. shows sec. of exterior web (E) on Diag. No. S-328.
2. Work with Diag. No. S-328 & S-340.
3. For all notes, see Diag. No. S-328 in S-328.

BOX GIRDER WEB BA16 BA16 (33)
(Scale: 3" = 1'-0")