

166

MINISTRE

368 A

RANGE 28 WEST 0 0 RANGE 29 WEST 0 0 RANGE 30 EAST 0 0 RANGE 31

TP. 17 NORTH
0
0
M TP. 18 NORTH
A
N
TP. 19 NORTH
U

0
0
NORTH
N
0
TP. 16 NORTH
0
TP. 15 NORTH
R
TP. 14 NORTH
A

FEE RIVER

UNION MIDDLE

X *Ar.*

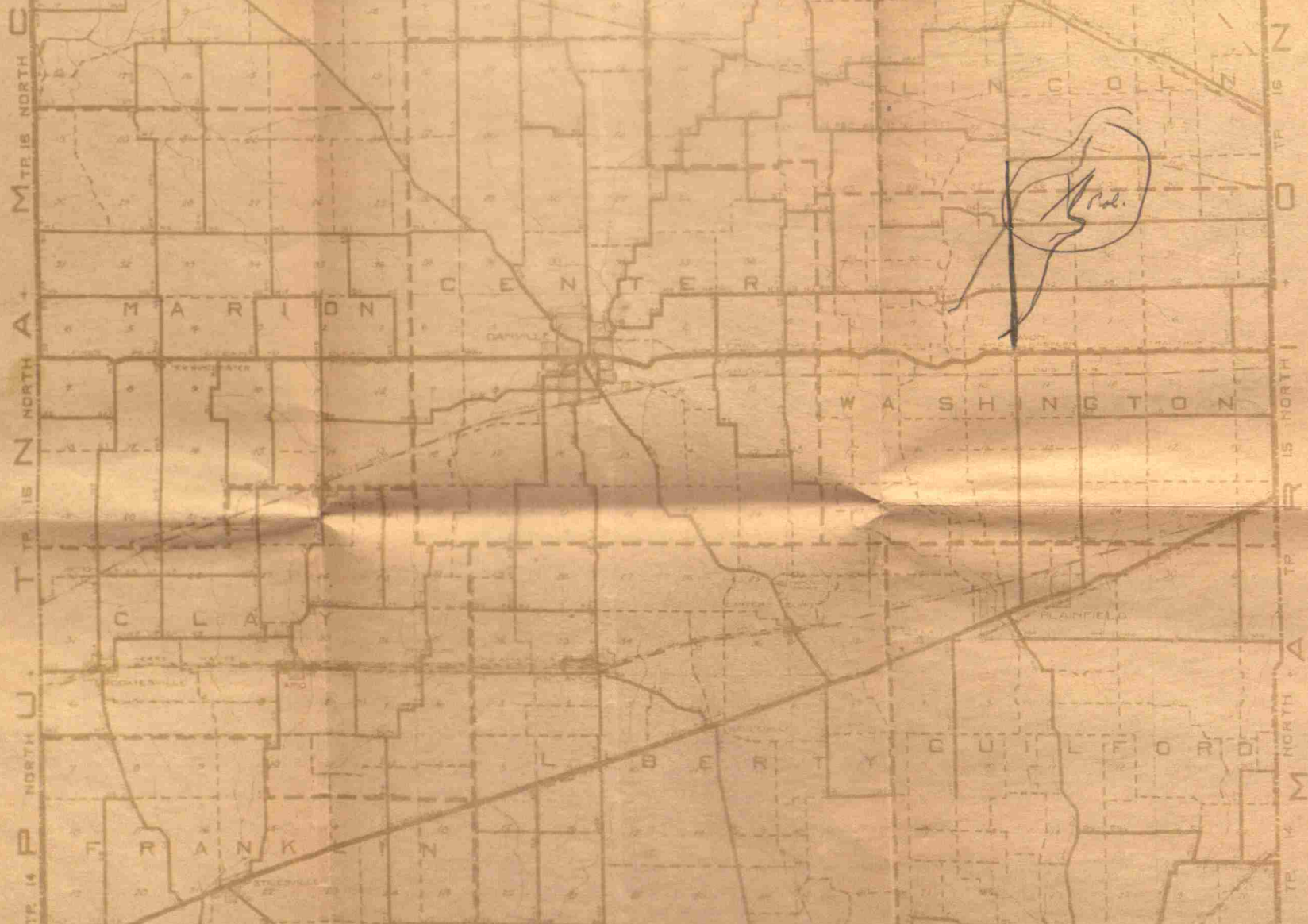
Ar.

MARION CENTER

WASHINGTON

CLAY

LEWIS



MAP LEGEND

- 1. 1922
- 2. 1921
- 3. 1920
- 4. 1919
- 5. 1918
- 6. 1917
- 7. 1916
- 8. 1915
- 9. 1914
- 10. 1913
- 11. 1912
- 12. 1911
- 13. 1910
- 14. 1909
- 15. 1908
- 16. 1907
- 17. 1906
- 18. 1905
- 19. 1904
- 20. 1903
- 21. 1902
- 22. 1901
- 23. 1900
- 24. 1899
- 25. 1898
- 26. 1897
- 27. 1896
- 28. 1895
- 29. 1894
- 30. 1893
- 31. 1892
- 32. 1891
- 33. 1890
- 34. 1889
- 35. 1888
- 36. 1887
- 37. 1886
- 38. 1885
- 39. 1884
- 40. 1883
- 41. 1882
- 42. 1881
- 43. 1880
- 44. 1879
- 45. 1878
- 46. 1877
- 47. 1876
- 48. 1875
- 49. 1874
- 50. 1873
- 51. 1872
- 52. 1871
- 53. 1870
- 54. 1869
- 55. 1868
- 56. 1867
- 57. 1866
- 58. 1865
- 59. 1864
- 60. 1863
- 61. 1862
- 62. 1861
- 63. 1860
- 64. 1859
- 65. 1858
- 66. 1857
- 67. 1856
- 68. 1855
- 69. 1854
- 70. 1853
- 71. 1852
- 72. 1851
- 73. 1850
- 74. 1849
- 75. 1848
- 76. 1847
- 77. 1846
- 78. 1845
- 79. 1844
- 80. 1843
- 81. 1842
- 82. 1841
- 83. 1840
- 84. 1839
- 85. 1838
- 86. 1837
- 87. 1836
- 88. 1835
- 89. 1834
- 90. 1833
- 91. 1832
- 92. 1831
- 93. 1830
- 94. 1829
- 95. 1828
- 96. 1827
- 97. 1826
- 98. 1825
- 99. 1824
- 100. 1823
- 101. 1822
- 102. 1821
- 103. 1820
- 104. 1819
- 105. 1818
- 106. 1817
- 107. 1816
- 108. 1815
- 109. 1814
- 110. 1813
- 111. 1812
- 112. 1811
- 113. 1810
- 114. 1809
- 115. 1808
- 116. 1807
- 117. 1806
- 118. 1805
- 119. 1804
- 120. 1803
- 121. 1802
- 122. 1801
- 123. 1800
- 124. 1799
- 125. 1798
- 126. 1797
- 127. 1796
- 128. 1795
- 129. 1794
- 130. 1793
- 131. 1792
- 132. 1791
- 133. 1790
- 134. 1789
- 135. 1788
- 136. 1787
- 137. 1786
- 138. 1785
- 139. 1784
- 140. 1783
- 141. 1782
- 142. 1781
- 143. 1780
- 144. 1779
- 145. 1778
- 146. 1777
- 147. 1776
- 148. 1775
- 149. 1774
- 150. 1773
- 151. 1772
- 152. 1771
- 153. 1770
- 154. 1769
- 155. 1768
- 156. 1767
- 157. 1766
- 158. 1765
- 159. 1764
- 160. 1763
- 161. 1762
- 162. 1761
- 163. 1760
- 164. 1759
- 165. 1758
- 166. 1757
- 167. 1756
- 168. 1755
- 169. 1754
- 170. 1753
- 171. 1752
- 172. 1751
- 173. 1750
- 174. 1749
- 175. 1748
- 176. 1747
- 177. 1746
- 178. 1745
- 179. 1744
- 180. 1743
- 181. 1742
- 182. 1741
- 183. 1740
- 184. 1739
- 185. 1738
- 186. 1737
- 187. 1736
- 188. 1735
- 189. 1734
- 190. 1733
- 191. 1732
- 192. 1731
- 193. 1730
- 194. 1729
- 195. 1728
- 196. 1727
- 197. 1726
- 198. 1725
- 199. 1724
- 200. 1723
- 201. 1722
- 202. 1721
- 203. 1720
- 204. 1719
- 205. 1718
- 206. 1717
- 207. 1716
- 208. 1715
- 209. 1714
- 210. 1713
- 211. 1712
- 212. 1711
- 213. 1710
- 214. 1709
- 215. 1708
- 216. 1707
- 217. 1706
- 218. 1705
- 219. 1704
- 220. 1703
- 221. 1702
- 222. 1701
- 223. 1700
- 224. 1699
- 225. 1698
- 226. 1697
- 227. 1696
- 228. 1695
- 229. 1694
- 230. 1693
- 231. 1692
- 232. 1691
- 233. 1690
- 234. 1689
- 235. 1688
- 236. 1687
- 237. 1686
- 238. 1685
- 239. 1684
- 240. 1683
- 241. 1682
- 242. 1681
- 243. 1680
- 244. 1679
- 245. 1678
- 246. 1677
- 247. 1676
- 248. 1675
- 249. 1674
- 250. 1673
- 251. 1672
- 252. 1671
- 253. 1670
- 254. 1669
- 255. 1668
- 256. 1667
- 257. 1666
- 258. 1665
- 259. 1664
- 260. 1663
- 261. 1662
- 262. 1661
- 263. 1660
- 264. 1659
- 265. 1658
- 266. 1657
- 267. 1656
- 268. 1655
- 269. 1654
- 270. 1653
- 271. 1652
- 272. 1651
- 273. 1650
- 274. 1649
- 275. 1648
- 276. 1647
- 277. 1646
- 278. 1645
- 279. 1644
- 280. 1643
- 281. 1642
- 282. 1641
- 283. 1640
- 284. 1639
- 285. 1638
- 286. 1637
- 287. 1636
- 288. 1635
- 289. 1634
- 290. 1633
- 291. 1632
- 292. 1631
- 293. 1630
- 294. 1629
- 295. 1628
- 296. 1627
- 297. 1626
- 298. 1625
- 299. 1624
- 300. 1623
- 301. 1622
- 302. 1621
- 303. 1620
- 304. 1619
- 305. 1618
- 306. 1617
- 307. 1616
- 308. 1615
- 309. 1614
- 310. 1613
- 311. 1612
- 312. 1611
- 313. 1610
- 314. 1609
- 315. 1608
- 316. 1607
- 317. 1606
- 318. 1605
- 319. 1604
- 320. 1603
- 321. 1602
- 322. 1601
- 323. 1600
- 324. 1599
- 325. 1598
- 326. 1597
- 327. 1596
- 328. 1595
- 329. 1594
- 330. 1593
- 331. 1592
- 332. 1591
- 333. 1590
- 334. 1589
- 335. 1588
- 336. 1587
- 337. 1586
- 338. 1585
- 339. 1584
- 340. 1583
- 341. 1582
- 342. 1581
- 343. 1580
- 344. 1579
- 345. 1578
- 346. 1577
- 347. 1576
- 348. 1575
- 349. 1574
- 350. 1573
- 351. 1572
- 352. 1571
- 353. 1570
- 354. 1569
- 355. 1568
- 356. 1567
- 357. 1566
- 358. 1565
- 359. 1564
- 360. 1563
- 361. 1562
- 362. 1561
- 363. 1560
- 364. 1559
- 365. 1558
- 366. 1557
- 367. 1556
- 368. 1555
- 369. 1554
- 370. 1553
- 371. 1552
- 372. 1551
- 373. 1550
- 374. 1549
- 375. 1548
- 376. 1547
- 377. 1546
- 378. 1545
- 379. 1544
- 380. 1543
- 381. 1542
- 382. 1541
- 383. 1540
- 384. 1539
- 385. 1538
- 386. 1537
- 387. 1536
- 388. 1535
- 389. 1534
- 390. 1533
- 391. 1532
- 392. 1531
- 393. 1530
- 394. 1529
- 395. 1528
- 396. 1527
- 397. 1526
- 398. 1525
- 399. 1524
- 400. 1523
- 401. 1522
- 402. 1521
- 403. 1520
- 404. 1519
- 405. 1518
- 406. 1517
- 407. 1516
- 408. 1515
- 409. 1514
- 410. 1513
- 411. 1512
- 412. 1511
- 413. 1510
- 414. 1509
- 415. 1508
- 416. 1507
- 417. 1506
- 418. 1505
- 419. 1504
- 420. 1503
- 421. 1502
- 422. 1501
- 423. 1500
- 424. 1499
- 425. 1498
- 426. 1497
- 427. 1496
- 428. 1495
- 429. 1494
- 430. 1493
- 431. 1492
- 432. 1491
- 433. 1490
- 434. 1489
- 435. 1488
- 436. 1487
- 437. 1486
- 438. 1485
- 439. 1484
- 440. 1483
- 441. 1482
- 442. 1481
- 443. 1480
- 444. 1479
- 445. 1478
- 446. 1477
- 447. 1476
- 448. 1475
- 449. 1474
- 450. 1473
- 451. 1472
- 452. 1471
- 453. 1470
- 454. 1469
- 455. 1468
- 456. 1467
- 457. 1466
- 458. 1465
- 459. 1464
- 460. 1463
- 461. 1462
- 462. 1461
- 463. 1460
- 464. 1459
- 465. 1458
- 466. 1457
- 467. 1456
- 468. 1455
- 469. 1454
- 470. 1453
- 471. 1452
- 472. 1451
- 473. 1450
- 474. 1449
- 475. 1448
- 476. 1447
- 477. 1446
- 478. 1445
- 479. 1444
- 480. 1443
- 481. 1442
- 482. 1441
- 483. 1440
- 484. 1439
- 485. 1438
- 486. 1437
- 487. 1436
- 488. 1435
- 489. 1434
- 490. 1433
- 491. 1432
- 492. 1431
- 493. 1430
- 494. 1429
- 495. 1428
- 496. 1427
- 497. 1426
- 498. 1425
- 499. 1424
- 500. 1423
- 501. 1422
- 502. 1421
- 503. 1420
- 504. 1419
- 505. 1418
- 506. 1417
- 507. 1416
- 508. 1415
- 509. 1414
- 510. 1413
- 511. 1412
- 512. 1411
- 513. 1410
- 514. 1409
- 515. 1408
- 516. 1407
- 517. 1406
- 518. 1405
- 519. 1404
- 520. 1403
- 521. 1402
- 522. 1401
- 523. 1400
- 524. 1399
- 525. 1398
- 526. 1397
- 527. 1396
- 528. 1395
- 529. 1394
- 530. 1393
- 531. 1392
- 532. 1391
- 533. 1390
- 534. 1389
- 535. 1388
- 536. 1387
- 537. 1386
- 538. 1385
- 539. 1384
- 540. 1383
- 541. 1382
- 542. 1381
- 543. 1380
- 544. 1379
- 545. 1378
- 546. 1377
- 547. 1376
- 548. 1375
- 549. 1374
- 550. 1373
- 551. 1372
- 552. 1371
- 553. 1370
- 554. 1369
- 555. 1368
- 556. 1367
- 557. 1366
- 558. 1365
- 559. 1364
- 560. 1363
- 561. 1362
- 562. 1361
- 563. 1360
- 564. 1359
- 565. 1358
- 566. 1357
- 567. 1356
- 568. 1355
- 569. 1354
- 570. 1353
- 571. 1352
- 572. 1351
- 573. 1350
- 574. 1349
- 575. 1348
- 576. 1347
- 577. 1346
- 578. 1345
- 579. 1344
- 580. 1343
- 581. 1342
- 582. 1341
- 583. 1340
- 584. 1339
- 585. 1338
- 586. 1337
- 587. 1336
- 588. 1335
- 589. 1334
- 590. 1333
- 591. 1332
- 592. 1331
- 593. 1330
- 594. 1329
- 595. 1328
- 596. 1327
- 597. 1326
- 598. 1325
- 599. 1324
- 600. 1323
- 601. 1322
- 602. 1321
- 603. 1320
- 604. 1319
- 605. 1318
- 606. 1317
- 607. 1316
- 608. 1315
- 609. 1314
- 610. 1313
- 611. 1312
- 612. 1311
- 613. 1310
- 614. 1309
- 615. 1308
- 616. 1307
- 617. 1306
- 618. 1305
- 619. 1304
- 620. 1303
- 621. 1302
- 622. 1301
- 623. 1300
- 624. 1299
- 625. 1298
- 626. 1297
- 627. 1296
- 628. 1295
- 629. 1294
- 630. 1293
- 631. 1292
- 632. 1291
- 633. 1290
- 634. 1289
- 635. 1288
- 636. 1287
- 637. 1286
- 638. 1285
- 639. 1284
- 640. 1283
- 641. 1282
- 642. 1281
- 643. 1280
- 644. 1279
- 645. 1278
- 646. 1277
- 647. 1276
- 648. 1275
- 649. 1274
- 650. 1273
- 651. 1272
- 652. 1271
- 653. 1270
- 654. 1269
- 655. 1268
- 656. 1267
- 657. 1266
- 658. 1265
- 659. 1264
- 660. 1263
- 661. 1262
- 662. 1261
- 663. 1260
- 664. 1259
- 665. 1258
- 666. 1257
- 667. 1256
- 668. 1255
- 669. 1254
- 670. 1253
- 671. 1252
- 672. 1251
- 673. 1250
- 674. 1249
- 675. 1248
- 676. 1247
- 677. 1246
- 678. 1245
- 679. 1244
- 680. 1243
- 681. 1242
- 682. 1241
- 683. 1240
- 684. 1239
- 685. 1238
- 686. 1237
- 687. 1236
- 688. 1235
- 689. 1234
- 690. 1233
- 691. 1232
- 692. 1231
- 693. 1230
- 694. 1229
- 695. 1228
- 696. 1227
- 697. 1226
- 698. 1225
- 699. 1224
- 700. 1223
- 701. 1222
- 702. 1221
- 703. 1220
- 704. 1219
- 705. 1218
- 706. 1217
- 707. 1216
- 708. 1215
- 709. 1214
- 710. 1213
- 711. 1212
- 712. 1211
- 713. 1210
- 714. 1209
- 715. 1208
- 716. 1207
- 717. 1206
- 718. 1205
- 719. 1204
- 720. 1203
- 721. 1202
- 722. 1201
- 723. 1200
- 724. 1199
- 725. 1198
- 726. 1197
- 727. 1196
- 728. 1195
- 729. 1194
- 730. 1193
- 731. 1192
- 732. 1191
- 733. 1190
- 734. 1189
- 735. 1188
- 736. 1187
- 737. 1186
- 738. 1185
- 739. 1184
- 740. 1183
- 741. 1182
- 742. 1181
- 743. 1180
- 744. 1179
- 745. 1178
- 746. 1177
- 747. 1176
- 748. 1175
- 749. 1174
- 750. 1173
- 751. 1172
- 752. 1171
- 753. 1170
- 754. 1169
- 755. 1168
- 756. 1167
- 757. 1166
- 758. 1165
- 759. 1164
- 760. 1163
- 761. 1162
- 762. 1161
- 763. 1160
- 764. 1159
- 765. 1158
- 766. 1157
- 767. 1156
- 768. 1155
- 769. 1154
- 770. 1153
- 771. 1152
- 772. 1151
- 773. 1150
- 774. 1149
- 775. 1148
- 776. 1147
- 777. 1146
- 778. 1145
- 779. 1144
- 780. 1143
- 781. 1142
- 782. 1141
- 783. 1140
- 784. 1139
- 785. 1138
- 786. 1137
- 787. 1136
- 788. 1135
- 789. 1134
- 790. 1133
- 791. 1132
- 792. 1131
- 793. 1130
- 794. 1129
- 795. 1128
- 796. 1127
- 797. 1126
- 798. 1125
- 799. 1124
- 800. 1123
- 801. 1122
- 802. 1121
- 803. 1120
- 804. 1119
- 805. 1118
- 806. 1117
- 807. 1116
- 808. 1115
- 809. 1114
- 810. 1113
- 811. 1112
- 812. 1111
- 813. 1110
- 814. 1109
- 815. 1108
- 816. 1107
- 817. 1106
- 818. 1105
- 819. 1104
- 820. 1103
- 821. 1102
- 822. 1101
- 823. 1100
- 824. 1099
- 825. 1098
- 826. 1097
- 827. 1096
- 828. 1095
- 829. 1094
- 830. 1093
- 831. 1092
- 832. 1091
- 833. 1090
- 834. 1089
- 835. 1088
- 836. 1087
- 837. 1086
- 838. 1085
- 839. 1084
- 840. 1083
- 841. 1082
- 842. 1081
- 843. 1080
- 844. 1079
- 845. 1078
- 846. 1077
- 847. 1076
- 848. 1075
- 849. 1074
- 850. 1073
- 851. 1072
- 852. 1071
- 853. 1070
- 854. 1069
- 855. 1068
- 856. 1067
- 857. 1066
- 858. 1065
- 859. 1064
- 860. 1063
- 861. 1062
- 862. 1061
- 863. 1060
- 864. 1059
- 865. 1058
- 866. 1057
- 867. 1056
- 868. 1055
- 869. 1054
- 870. 1053
- 871. 1052
- 872. 1051
- 873. 1050
- 874. 1049
- 875. 1048
- 876. 10

Box. arrowle Holt.

Charles. Laniel. Gallard
North End

M. Hallomays.

Wilbur. "

W. Matt. M^c Caslin

Low. Turpey

Earl. Red. J

Ant. Brookshire

Chas. Phillips

Wm. Crouch

Ward Henderson

} through these

086,35

← LETTER →

Carson mouth
John. Kern C. P. Graham Farm. Head.
Dugan
Rice
Larson.

30+30 Fence Running E + W.

0+0 N 12° 30' W
 1+57 Def L 24° 8'
 2+19 Def L 24°-27'
 3+27 Def L 14°-12'
 4+21 Def L 18°-18'
 6+11 Def L 4°-45'
 7+88 Def R 62° 3'
 8+69 Def L 15°-43'
 11+16 Def R 57°-26'
 12+94 Road Fence S.
 13+32 Def L 6°-47'
 13+39 Road Fence N
 488 from Ditch East to
 Cen. N of 12+94
 16+79 Def L 25°-12'
 18+50 STR
 19+78 Def L 26°-12'
 27+42 Def L 37°-55'
 29+07 Def L 5°-10'
 31+85 Def R 1°-30'
 36+10 Def R 28°-30'
 38+05 Def R 32°-09'
 42+73 Fence Running N + S
 50+72 Def L 57°-29'

22 }
 24 } stks
 26 }
 31 }

40 }
 42 } stks
 44 }
 46 }
 48 }

154
 65
 219

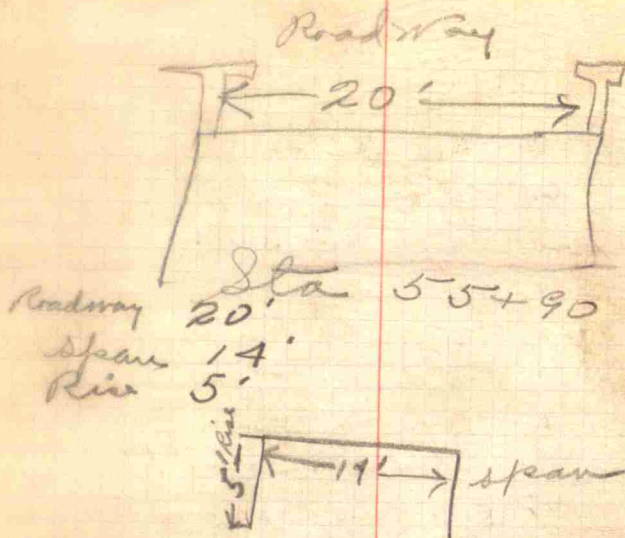
concrete flat top Sta 13+30
 Span 14'
 Rise 6'
 Roadway 20'

on North side same is a
 brick arch that was used on
 old Road.
 Rise 6'
 Roadway 18'

Measure Bridge of John Dales
56+34 S Road place

- 53+25 Def L 25°-16'
 56+90 North Road Fence
 56+23 Def R 11°-33' E
 486' from Road West to Turn Cen. E. R. C.
 58+80 Def R 27°-13'
 60+16 Def L 4°-28'
 62+58 Def R 29°-09'
 64+19 Def L 53°-15'
 64+30 Fence running C & W
 67+36 Fence on T.H. & E. Line.
 67+54 Def L 6°-05'
 68+03 Def R 23°-15'
 68+33 Def R 89°-02'
 78+90 Turn leaves Ditch
 84+73 Def L 24°-08'
 85+61 Turn on Side of R.R.
 91+79 Def R 2°-12'
 96+39 Def R 9°-08'
 633' North to the Cen. W of
 see Cp in Roads
 104+99 Def R 70°-28'
 96+30 Fence on Road, via E.
 96+62 Fence on West side of Rd.
 107+0 Fence running C & W
 112+25 Rail Road Right of Way on S
 112+54 Def L 58°-10'

at RR Bridge line turns west 25° from S.R. with iron



Traction Bridge Sta 67+54

Span 10'
 Rise 5' concrete flat top
 Roadway 14½'

Rail Road Bridge Sta 68+03

Span 9'
 Rise 6'
 Roadway 24'
 concrete walls wood tie top

115+55 Defn $37^{\circ}-23'$
 115+90 Fence on RR. Right of way
 119+61 Def L $32^{\circ}-24'$
 121+81 Def R $50^{\circ}-34'$
 126+78 Def R $0^{\circ}-30'$
 126+92 Fence running N+8
 137+30 Def R $87^{\circ}-05'$
 139+46 Def L $87^{\circ}-08'$
 142+41 Fence running E+W
 145+06 Road Fence on E
 277 St to Cent of Dec 35
 152+94 Def L $98^{\circ}-26'$
 153+10 End of ditch and also
 Cent line of Dec 35
 775' East from End of
 Ditch to Center of Dec 35

$\frac{285.00}{145+21}$

70	} 108	152.94
72		
74	} 118	<hr/> 154+25
76		
78	} 126	
80		} 129
82	} 131	
87		} 133
89	} 135	
91		

Con Flat top at Sta 96+39

Span 8'

Rise 4'

Roadway 21'

Bridge

Sta 145+25 Iron pipe
 with Concrete Headers
 4' x 26'

Arm #1

Def. point and deflection
run off of the old ditch,
ditch set on S side of arm #1

Def. Point ^{on main} starts at 0+0
Elev 5077 ^{on main} 0+0 on arm #1

0+0 Def. R 24°-35"

1+74 Def. L 41°-06"

4+06 Def. R 18°-42"

5+87 End of Dredge

418' South in Center of Road
to corner.

5+57 Fence on East side of Rd

5+97 Fence on West side of Rd

Length of Tile that is
broken. 1305'
Part of the tile in this
is all right.

Bridge on arm etc
5+97

Concrete flat top

Span 8'

Rise 5'

Roadway 20'

West side of Bridge has concrete
top with tile coming into
it.

Size of tile 16"

Length 21'

Width 5'

Height 7'

Run # 2.
Station on West + North side of arm # 2
78+90 on old Ditch is 0+0
on arm

first def is taken with
old Ditch as the main
bearing and deflection is
left from that line.

0+0 Def. $59^{\circ} 44'$

0+32 Fence on south side
of Rail Road line.

4+89 Def. $44^{\circ} 44'$

7+22 Def. $82^{\circ} 31'$

9+69 Def. $2^{\circ} 35'$

13+16 Def. $1^{\circ} 26'$

20+15 End of Ditch

Tile begins 30' farther W.
from End of Ditch it is 1288
to Corner of Dec. 36

370

RR

655

633

1288

Line Run on RR at sta. 78+90 is 28' from
S. R/W line

0+0

1+59

2+19

3+27

4+21

6+11

7+88

8+64

11+16

12+94

13+32

13+39

16+29

18+50

19+78

LEVELS ON McCORD DITCH 11-10-31

BM	BS	HI	FS	
π	4.22	90.42		86.20
68+33				
70+00				
72+00				
74+00				
⊙			2.45	89.97
π	3.53	91.50		
76+00				
78+00				
80+00				
82+00				
84+19				
0+00	80 Am = 82+85 Main Ditch			
7+00				

NW Cor N. Rail Traction Bridge 67+5-4

<u>SRM</u>	<u>50.5</u>	
7.1	7.9	
83.3	82.4	
<u>SRM</u>	<u>20</u>	<u>50</u>
5.9	7.3	7.4
84.3	83.1	
<u>SRM</u>	<u>50</u>	
8.9	50	
87.5	83.4	
<u>SRM</u>	<u>50</u>	
5.1	6.7	
84.2	82	
<u>SRM</u>	<u>50</u>	
6.8	7.6	
84.7	83.9	
<u>SRM</u>	<u>50</u>	
5.5	5.9	
<u>SRM</u>	<u>50</u>	
6.3	7.2	7.8
<u>SRM</u>	<u>50</u>	
3.8	4.7	
87.9		
<u>SRM</u>	<u>50</u>	
5.5	6.6	
<u>SRM</u>	<u>50</u>	
4.6	5.3	
86.90	86.2	
4.3	4.6	
87.2	86.9	

2+00

91.50

3+00

4+00

= Sta 4+89 First survey

BM#4

92.57

π

9.93 102.50

o

2.47 100.03

π

3.01 103.04

o

3.18 99.86

π

2.15 102.01

112+54

115+55

E

6.4
85.1

7.9

83.6

6.9

84.6

From

W

6.0

85.5

7.0

84.0

6.0

85.5

SRW

6.2

95.8

SRW

6.1

92.9

UDS

7.0

94.5

SD

7.0

95.0

South Bank of Robinsons p/w/loc.

El on SW cor of bottom step
of House at crossroads just
North of Pittston.
Elev. 90.90

B.M. No. 1
on SW cor of Rail of Concrete
flat top Sta 13+30 near John
Dalis House. EL. 80.10

B.M. No. 2
on SW cor. of Rail of Concrete
flat top Sta 56+23
Elev. 86.95

B.M. #3
on NW cor of North Rail of tract
bridge Sta 67+54
EL. 86.20

B.M. #4
on SW cor of West Headwall of
concrete bridge Sta 96+39
Elev. 92.57
2.45 top Wing to Top 20.1

B.M. No. 5
on the SW cor of West Header
of concrete Sta 145+25 EL. 98.85

	3' Bank	Slk	top Bank	bottoms Banks	1' 4'	Bottom Bank	top 2' Bank	3' back	
0+0		6970			6670				07397 <u>7860</u>
1+54	7071	7136 ⁰	7110 ⁹	6771 ¹²	6780 ¹⁵	6793 ²⁰	7000 ²³	7070 ²⁶	
2+19	7157	7205	7166 ⁸	6814 ¹²	6753 ¹³	6806 ¹⁸	7123 ²³	7145 ²⁶	
3+27	7146	7220	7184 ⁸	6940 ¹²	6781 ¹⁵	6860 ¹⁸	6981 ²³		
4+21	7163	7216 ⁰	7140 ⁹	6857 ¹²	6797 ¹⁵	6872 ²⁰	7171 ²⁵	7208 ²⁸	
6+11	7106	7164	7234 ¹⁵	6912 ¹⁸	6862 ²⁰	6892 ²³	7224 ²⁵	7524 ³⁰	
7+88	7300	7370	7360 ⁶	6950 ¹⁴	6930 ¹⁵	7005 ²⁰	7390 ²⁴		
8+64	7312	7400	7422 ⁶	7000 ¹²	6951 ¹⁰	6970 ²⁰	7275 ²²	7360	
11+16	7452	7565	7510 ¹²	7017 ¹²	6963 ¹⁵	6985	7392 ²⁴	7450	
13+32	7660	7715	7625 ⁶	7042 ⁹	6921 ¹⁵	7025 ²⁰	7721 ²⁵	7738	
16+79	7450	7520	7565 ⁶	7170 ¹²	7050 ¹⁵	7110 ¹⁸	7395 ²²	7477	
18+50	7620	7747	7685 ¹³	7138 ¹⁴	7010 ¹⁵	7087 ¹⁸	7664 ²⁵	7637	
19+78	7535	7590	7592 ¹⁰	7200 ¹²	7051 ¹⁸	7155 ²³	7578 ²⁸	7650	

	3' out	Stk	Bank	13+ ¹⁰ Bank	Q	13+ ¹⁰ Bank	high Bank	3' out
22+0	7593	7664	7680 ¹⁹	7184 ²⁵	7011 ¹⁸	7160 ³⁴	7681 ²⁵	7644
24+0	7641	7705	7695 ⁶	7222 ¹²	7135 ¹¹	7208 ²⁰	7740 ^{4.5}	7710
26+0	7730	7823	7748 ⁵	7201 ¹⁵	7134 ¹⁵	7242 ²⁰	7699 ³⁰	7692
27+42	7661	7715	7557 ⁵	7287 ¹⁵	7214 ¹⁵	7318 ²⁰	7520 ²⁵	7580
29+07	7774	7845	7749 ⁵	7288 ⁷	7260 ⁵	7347 ¹⁸	7740 ²⁵	7722
31+0	7840	7920	7870 ³	7393 ¹²	7292 ¹⁷	7412 ¹⁹	7787 ²⁵	7923
31+85	7834	7903	7879 ²	7417 ⁷	7305 ⁷	7370 ¹⁴	7850 ²⁵	
36+0	7860	7910	7832 ³	7423 ¹⁰	7335 ¹⁵	7507 ⁴⁰	7903 ²⁵	7867
38+05	7900	7946	7873	7457 ⁶	7397 ¹⁰	7462 ¹⁵	7703 ¹⁸	7738
40+0	7890	7972	7950 ⁶	7517 ¹⁰	7425 ¹⁵	7548 ¹⁸	7745 ²¹	7924
42+0	8050	8136	8100 [~]	7542 [~]	7437 [~]	7517 ²⁰	7975 ²⁵	7977
44+0	7945	8031	8067 ⁵	7556 ¹⁴	7510 ¹⁶	7562 [~]	8070 ³⁰	8018
46+0	7990	8042	8146 ¹⁰	7571 ¹⁴	7536 ¹⁴	7584 [~]	8057 [~]	8071

07932
07965
07786

← LETTER →

	3' out	Stk	Bank	Cap Bank	Q	Cap Bank	Cap Bank	3' out	
78+0	7986	8083	8026 ³	7645 ¹⁵	7570 ¹⁵	7647 ¹⁴	8244 ³¹	8320	(80.82)
50+72	8184	8238	8164 ²	7663 ¹⁵	7630 ¹⁵	7638 ¹⁴	8134 ²⁴	8120	(80.513)
53+25	8163	8245	8184	7665 ¹²	7642 ¹³	7685 ¹⁴	8101 ²⁵	8121	
56+23	8394	8460		7790 ⁹	7735 ¹⁰	7795 ¹⁵	8338 ²⁰	8384	7763
58+80	8215	8277	8146 ²	7854 ⁹	7710 ¹⁰	7832 ¹⁴	8264 ²⁵	8290	6570
60+16	8253	8296 ⁰	8207 ⁴	7794 ¹⁰	7760 ¹⁰	7775 ¹⁵	8297	8338	1193
62+58	8247	8360	8298	7860 ¹⁰	7741 ¹²	7809 ¹⁵	8279 ²²		
64+19	8281	8334	8280 ²	7853 ¹⁰	7842 ¹⁰	7960 ¹⁸	8283 ³⁰	8229	
66+00	8365 ⁰	8238		7930 ⁷	7906 ⁶	7906 ¹⁰	8395 ²⁵	8307	
67+54	8535 ⁻	8555	8443 ³	7930 ⁵	7866 ¹⁰	7947 ¹³	8470 ²⁴	8530	Elevations taken 7/31
✓ 68+03	8790	8800	8663 ²	7975 ⁵	7847 ³	7955 ⁵	8682 ²⁰	8726	Clayton M. F. H.
68+33	8761	8723	8665 ²	8005 ³	7865 ¹¹	7984 ⁷	8340 ²⁷	8350	88.70-86.54-86.46
68+33 Cl in tiles		East tile 7036		West tile 7877					
70+0	8757	8705		8000 ⁵	7875 ¹¹	7975 ²²	8505 ¹⁷	8460	88.38-86.47
72+0	8748	8725	8564 ⁸	8047 ¹⁵	7970 ¹⁰	8155 ²⁴	8637 ³¹	8664	88.18-86.75

	3' mt	Stk	Bank	Bot of bank	Φ
V74+0	8735	8700	8945	8112 ⁵	8021
V76+0	8733	8701	8570 ⁵	8108 ²	8022
V78+0	8743	8715	8708 ⁷	8143 ¹⁷	8050
V80+0	8770	8725	8661 ⁸	8210 ¹⁵	8107 ¹⁷
V82+0	8836	8830	8754 ⁷	8183 ¹⁵	8147 ¹⁶
V84+19	8989	8927	8695 ⁸	8241 ¹⁵	8173 ¹⁸
V87+0	8692	8750 ⁰	8755 ⁸	8265 ¹⁵	8205 ¹⁴
V89+0	8840	8905	8818 ⁶	8289 ¹⁴	8194 ¹⁶
V91+0	8848	8924	8875 ⁶	8352 ¹⁰	8328 ⁸
V91+79	8926	8994	8950 ⁶	8346 ¹⁰	8310 ¹⁶
V94+0	8902	8942	8900	8433 ¹⁰	8395 ¹⁵
V96+39	8959	8962		8557 ⁸	8489 ¹⁰
99+0	9157	9106	9060 ¹	9561 ⁸	8537 ¹⁰

Levels taken on S. Lozon
Feb 3-31
J. Frankley

El. B. Rail
88.02
86.40

① 87.02

Sunny point
for the site

El. 8955

① 89.96
① 8942
① 90.70

B. Rail
87.98
86.50

B. Rail
87.91
86.750

88.20
86.770

88.76
87.700

89.60
87.100

Bot of bank	W. of bank	3' mt
8093	8511 ²⁵	8433
8103	8465 ³⁰	8420
8123	8537 ³⁰	8562
8167	8612 ³⁰	8545
8246	8785 ³²	8770
8275	8732 ³¹	8733
8276	8676 ³⁰	8635
8310	8812 ²⁴	8758
8360	8820 ²⁴	8772
8372	8940 ²⁹	8873
8412	8887 ²⁴	8822
8514	8937 ²⁰	8967
8581	9057	9022

V	3' out	2th	Bank	Bank	Bank
101+0	9020	9066	9126 ⁸	8628 ¹²	8542 ¹⁰
104+0	9055	9110		8830 ¹⁷	8642 ¹¹
109+0	9070	9121	9110 ¹	8736 ⁹	8706 ¹⁰
110+0	9224	9247	9200 ⁶	8800 ⁷	8760 ¹⁰
110+0	9220	9259	9206 ²	8795 ⁷	8755 ¹⁰
112+54	9518	9528	9444 ³	8852 ¹²	8753 ¹⁶
115+55	9382	9440	9395 ⁸	8912 ¹²	8877 ¹⁴
118+0	9360	9455	9353 ¹	8972 ¹⁰	8910 ¹²
119+61	9352	9405	9357 ¹²	8987 ²¹	8941 ¹⁶
121+81	9388	9347		9033 ⁷	8992 ⁹
124+0	9581	95A7		9080 ⁸	9062 ¹⁰
124+0	9598	9588 ¹⁰		9095 ⁸	9067 ¹⁰
126+78	9470	9494		9111 ¹⁰	9103 ⁸

Bank	Bank	3' out
8628	9030 ²⁵	9010
8792 ²³	9133 ²⁸	9147
8793 ¹⁵	9084 ²¹	9114
8820 ¹³	9132 ²⁰	9144
8864 ¹⁷	9214 ²³	9223
8934 ¹⁸	9337 ²⁵	9325
8937 ¹⁷	9370 ²⁰	9325
8943 ¹⁵	9421 ²⁰	9414
9070 ¹⁵	9363 ²⁷	9405
9040 ¹¹	9304 ¹⁶	9330
9137 ¹²	9672 ²⁰	
9147 ¹²	9523 ²⁰	9530
9137 ¹⁰	9526 ¹⁷	9557

- 09113
- 093.05
- 09166
- 09233
- Turning pt
for town
El. 94.61
- 09453
- 09347

	S'out	Stke	Bank	at 13 Subs	\$	at 13 Subs	Bank	S'out
129+0	9404	9385		9193	9102	9198	9425	9402
131+0	9523	9453		9211	9195	9168	9525	9470
133+0	9580	9625	9572	9219	9175	9255	9658	9627
135+0	9690	9752	9694	9290	9206	9244	9711	9609
137+0	9927	9995	9950	9294	9263	9327	9980	9965
139+46	9670	9714	9672	9346	9330	9340	9645	9665
142+0	9555	9520	9390	9380	9372	9387	9712	9720
144+0	9658	9586	9401	9428	9391	9422	9752	9752
146+0	9732	9790	9711	9449	9384	9425	9700	9647
148+0	9762	9715	9715	9430	9416	9480	9725	9772
150+0	9665	9708	9680	9470	9443	9485	9708	9688
152+94	9825	9850	9918	9484	9475	9529	9985	9992
155+10	9809	9817			9427			9860

09626

at end of Dilts EL 94.30

ARM

	3' out	2th	Bank	2th of Bank	℄
1+0	8119	8156	8167	774 ²⁵	768 ²⁷
1+74	8254	8327	8281	775 ¹⁰	771 ¹²
3+0	8116	8210	8197	782 ¹¹	772 ¹³
4+06	8105	8195	8177	779 ¹⁰	771 ¹²
5+0	8226	8265	8221	784 ¹⁷	783 ³
5+87	8445			788 ⁵	774 ¹⁴

2th of Bank	2th of Bank	3' out
770 ³⁰	812 ³⁷	8111
772 ¹⁵	818 ²⁰	8146
775 ¹⁵	821 ²¹	8177
777 ¹⁴	828 ²⁰	8231
784 ⁶	828 ¹⁵	8271
787 ²⁰		

El. in tile at end of Arm. El. 77.41

on ARM #1
 B.M. on SW cor of West Rail
 of concrete bridge
 El. 86.80

	5 out	2 in	Bank	Bank	Bank	Bank
0+0	8715 ⁶	8710	8527	8096 ⁷	805 ¹⁹	805 ⁶
3+5	8495	8253	8472 ^{3 out}	8140 ²	807 ⁴	807 ⁴
4+9	8491	8514	8550 ¹⁰	8192 ¹⁰	816 ¹⁵	816 ¹⁰
7+2	8762	8825	8786 ¹⁰		8150 ²⁰	8150 ²⁰
9+6	8423	8545	8567 ¹⁰		8231 ²⁰	8231 ²⁰
13+16	8720	8791	8976 ¹⁰	8266 ¹⁵	8236 ²⁰	8236 ²⁰
15+0	8777	8900	9014 ⁵		8275 ¹⁵	8275 ¹⁵
18+0	8784	8866	8793 ³	8381 ⁸	8347 ¹⁰	8347 ¹⁰
20+15	8971	9045	9084 ¹⁰	8472 ²⁵	8396 ²⁷	8396 ²⁷

El. in tile at End of Dish 93.50

Bank	Bank	3 out
8117 ²⁰	8520 ³⁰	8486
8112 ⁴⁰	8570 ²⁴	8476 ³⁹
8197 ¹⁷	8517 ²⁵	8495
	8670 ²⁷	8632 ³⁰
8245 ²²	8623 ²⁹	8643 ³²
9259 ²²	8675 ²⁸	8632 ³¹
	9070 ³⁰	8832 ³³
9392 ¹⁴	8711 ¹⁹	8721
8450 ²⁹	9080 ³⁵	9080

WV
WV
~~8890~~
8890

- 08510

- 08552
- 08678
- 08777
- 08659
- 08949

	BS	HT	FS	Elev
BM* 2	.66	87.61		
56+23			3.39	84.22
53+25			6.00	81.61
○			6.00	81.61
⊥	5.03	86.64		
50+72			6.18	80.46
"			(3.85	82.79)
○			3.85	82.79
⊥	3.66	86.45		
Arm* 1-1+00			4.32	82.13
1+74			3.00	83.45
3+00			3.70	82.75
○			3.70	82.75
⊥	5.27	88.02		
4+06			5.70	82.32
5+00			6.16	81.86
○			5.27	82.75
⊥	3.95	86.70		
○			3.91	82.79
⊥	3.19	85.98		
48+00			5.15	80.83
○			5.05	80.93
⊥	4.47	85.40		
46+00			4.20	81.20
44+00			4.28	81.12
			4.56	

86.95 5xx Cov S. Rail at Bridge

56+23	-	84.60
53+25	-	82.45
50+72	-	82.38
48+00	-	80.83
46+00	-	80.42
44+00	-	80.31

Arm #1

1 -	81.56
2+74	83.27
3+00	82.10
4+06	81.95
5+00	79.65
5+87	

85.98
80.83
5.15

83.00
80.42
498
80.31
50.9

	BS	HI	FS	Elev
0		85.40		
π	5.47	86.02	4.85	80.55
0			3.13	82.89
π	4.50	87.25		
0			3.60	82.29
π	4.67	87.96		
BM			.92	87.04
				86.75
				86.78
Stake 42100				81.12
π	1.38	82.50		
			11.70	70.80

Sta 42100 - 70.62

Sta	E. Station	Grade	Cut
44.	81.12	70.96	10.16
46	81.20	71.30	9.90
48	80.83	71.64	9.19
50+72	80.46	71.99	8.47
53+25	81.61	72.53	9.08
56+23	84.22	73.04	11.18
1+08	82.13	72.22	9.91
1+74	83.45	72.38	11.07
3+00	82.75	72.66	10.09
4+06	82.32	72.89	9.43
5+00	81.86	73.10	8.76

Bm+					92.57
T	3.51	96.08			
o			1.19	94.89	
T	6.68	101.57			
o			6.02	95.55	
T	1.11	96.66			
o			5.45	91.21	
T					
	1.22	92.43			
+1+			4.99	87.44	
2+			6.41	86.02	
3+			7.35	85.08	
4+			7.55	84.88	
2nd Pch 13400			14.25	78.18	77.84
o			4.26	88.19	
T	4.20	92.37			
o			4.14	88.23	
T	4.47	92.70			
Bm			6.43	86.27	86.25
	25.11				
			17.49		
			6.30		

Six Car west Headwall of Conc Bridge sta 96+39

12.25
 2
 80.56
 2.45
 78.11
 77.84
 27

77.62
 22
 77.84
 77.84
 2.10
 78.18
 77.84
 34

BM 4

π	4.94	97.57		
0			2.65	94.86
π	6.98	101.84		
0			6.32	95.52
π	.95	96.47		
0			5.30	91.17
π	1.22	92.39		

92.57

Pollard & Todd.
 Washington & Lincoln.
 Sec. Draining in - 24, 25, 26

Start Mr. C. Lamsch. Line.

Kimber Shockley.
 Ed. Denton.

Carliss Allison - ^{allison} - ^{owned} ^{land}.
 Dugans. 40 A.
 Mastens. 1/2 mile

M. Stiles
 Shockley.
 16.5
 20
 660

Brown
 Twp.

32
 5370
 995
 390
 330

Private
 Prop.

0+0 is 500 feet north of fence
 com.

- 5+0 Fence running E. + W.
- 19+60 Fence running N. + S.
- 28+50 Fence " " N. + S.
- 30+20 North Right of way line
 of Rail road
- 31+0 South Right of way line
 + crosses north line.
- Denton
 45+36 Fence on north side of E+W
 Road.
- 45+66 Fence on South side of E+W
 Road
- 59+12 East Fence of ~~North~~ S. Road
- 59+50 West " " " " "
- 62+40 Allison South line.
- 79+43 Dugans West line
- 87+92 Fence running E. + W.
- 110+56 Fence N. + S.
- 126+77 Fence N. + S.
- 133+60 Fence E+W and arm from north

145 to East Fence of Hollitt + ~~Green~~ Rd.

Kennedy Drain
E of Road runing N and S. 46+28
1884' to corner South of Ditch.
60+90 Fence. N and S.
74+64 E Road and Miss Anderson
West line

74+64 Hillard East line.
1364' to cor South of Ditch.

99+90 Hillard W line Smith Shire
102+39 Smith W line and S line
of RR.

~~101+58 Kennedy~~

111+68 Ditch leave RR and
goes into Kennedy 111+68 Ken. S line

123+57 End of Ditch in Kennedy land.

Miss Anderson E. Fence.

Hillard.
Smith
Kennedy.

Joseph Holloway.
Brown & Lincoln.
Sec. D. ranging 14-3, 4,

See Bk. 201 p. 48

0+0 Cut Brookshire North
LINE.

15+79 North Right of Way Line
of Railroad & Traction.

16+99 South Right of Way Line of
Railroad & Traction. Also
North line of Phillips.

24+50 East Line of Road.

25+50 West Line of Road and
Crouch's East Line.

29+33 South Line of Crouch &
North Line of Road

30+25 South Line of State Road
& Henderson's North Line.

40+0 Fence running East + West.

10200 feet. L. J. F. Lingeman.

35-36-24-19-25-26

Road Bed 39+0

Leaves Road 49+85 Marsh & Line

Leaves Line 66+78

88+0 End of Ditch,

174
72

102

Timothy QUINN Drain
allotments.

Share #	Feet of Ditch	Share #	Feet of Ditch
1	450	23	25
2	500	24	150
3	750	25	25
4	300	26	75
5	125	27	50
6	950	28	75
7	700	29	150
8	200	30	450
9	25	31	100
10	100	32	625
11	25	33	500
12	50	34	500
13	100	35	300
14	25		
15	25		
16	25		
17	75		
18	75		
19	50		
20	50		
21	100		
22	125		

040-6750

77-50-80

LETTER

THE LAST ONE FROM AN ASSOCIATE

1931

of business and continued to

be a member of the association

and the re-assignment of the said

and the re-assignment of the said

with a copy of the

11-20 20-20 200

11-20 11-20 200

11-20 11-20 200

TIMOTHY QUINN DITCH

LINCOLN TOWNSHIP

Share No.	From Sta.	To Sta.	Feet	Name	Description.	Sec.	Twp.	Range	Acres
1	0+00	6+50	650	Lincoln Township	Road on S and E side	13	16	1-E	
2	6+50	11+50	500	Chas Davidson	E $\frac{1}{2}$ SE $\frac{1}{4}$ Pt NE $\frac{1}{4}$	13	16	1-E	105.00
3	11+50	19+00	750	Harry Sumpter	Pt W $\frac{1}{2}$ SE $\frac{1}{4}$ Pt W $\frac{1}{2}$ NE $\frac{1}{4}$	13	16	1-E	110.00
4	19+00	22+00	300	John Shumate	Pt E $\frac{1}{2}$ SE $\frac{1}{4}$	12	16	1-E	15.00
5	22+00	23+25	125	Alfred Smith	NE $\frac{1}{4}$ NE $\frac{1}{4}$ (NE $\frac{1}{4}$ SW $\frac{1}{4}$)	13	16	1-E	5.00
6	23+25	32+75	950	W. D. Corrie	(SE $\frac{1}{2}$ NW $\frac{1}{4}$) (Pt NE $\frac{1}{4}$ NW $\frac{1}{4}$) (Pt NW $\frac{1}{4}$ SW $\frac{1}{4}$)	12			
7	32+75	39+75	700	R. E. McKeown	(Pt W $\frac{1}{2}$ NE $\frac{1}{4}$) Pt W $\frac{1}{2}$ SE $\frac{1}{2}$)	13	16	1-E	120.00
8	39+75	41+75	200	Pennsylvania Railroad Co.	Right of way through	35	36	17	1-E
9	41+75	42+00	25	M. P. E. Fahy	E $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$	35	17	1-E	12.00
10	42+00	43+00	100	John C. Chitwood	Pt S $\frac{1}{2}$ SE $\frac{1}{4}$	35	17	1-E	39.84
11	43+00	43+25	25	Martin Duffey	E $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	35	17	1-E	10.00
12	43+25	43+75	50	Amy Halk	SW $\frac{1}{4}$ NW $\frac{1}{4}$ (NE $\frac{1}{4}$ SW $\frac{1}{4}$)	36	17	1-E	30.00

77-50-9000

			125	Alfred Smith	NE $\frac{1}{4}$ NE $\frac{1}{4}$	13	16	1-E	5.00
6	23+25	32+75	950	W. D. Corrie	(NE $\frac{1}{4}$ SW $\frac{1}{4}$)				
					(SE $\frac{1}{4}$ NW $\frac{1}{4}$)	12			
					(Pt NE $\frac{1}{4}$ NW $\frac{1}{4}$)				
					(Pt NW $\frac{1}{4}$ SW $\frac{1}{4}$)	13	16	1-E	120.00
7	32+75	39+75	700	R. E. McKeown	Pt W $\frac{1}{2}$ NE $\frac{1}{4}$)	13			
					Pt W $\frac{1}{2}$ SE $\frac{1}{4}$)	12	16	1-E	38.00
8	39+75	41+75	200	Pennsylvania Railroad Co.	Right of way	35			
					through	36	17	1-E	
9	41+75	42+00	25	M. P. E. Fahy	E $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$	35	17	1-E	12.00
10	42+00	43+00	100	John C. Chitwood	Pt S $\frac{1}{2}$ SE $\frac{1}{4}$	35	17	1-E	39.84
11	43+00	43+25	25	Martin Duffey	E $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	35	17	1-E	10.00
12	43+25	43+75	50	Amy Halk	SW $\frac{1}{4}$ NW $\frac{1}{4}$	36	17	1-E	30.00
13	43+75	44+75	100	Rosa Feeney	(NE $\frac{1}{4}$ SW $\frac{1}{4}$)				
					(NW $\frac{1}{4}$ NW $\frac{1}{4}$)	36	17	1-E	62.00
					(SE $\frac{1}{4}$ SW $\frac{1}{4}$)				
14	44+75	45+00	25	Wm. R. Kinney	(NE $\frac{1}{4}$ SW $\frac{1}{4}$)	36	17	1-E	7.00
15	45+00	45+25	25	Lottie Phillips	Pt SW $\frac{1}{4}$ SE $\frac{1}{4}$	35	17	1-E	2.00
16	45+25	45-50	25	Ed O'Toole	Pt NE $\frac{1}{2}$ NE $\frac{1}{4}$	1	16	1-E	2.00
17	45+50	46+25	75	Suzan L. Garner	SW $\frac{1}{4}$ SW $\frac{1}{4}$	36	17	1-E	38.15
18	46+25	47+00	75	Harry Garner	NW $\frac{1}{4}$ NE $\frac{1}{4}$	1	16	1-E	37.05
19	47+00	47+50	50	Esther Garner	Pt NW $\frac{1}{4}$	1	16	1-E	18.00
20	47-50	48-00	50	J. R. and Ethel Patterson	NE $\frac{1}{4}$ NW $\frac{1}{4}$				
					Pt NW $\frac{1}{4}$	1	16	1-E	34.00
21	48-00	49-00	100	John & Anna & Julia Lanahan	N $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$				
					SW $\frac{1}{4}$ NE $\frac{1}{4}$	1	16	1-E	40.00

Share No.	From Sta.	To Sta.	Feet	Name	Description.	Sec.	Twp.	Range	Acres
22	49-00	50-25	125	Herman & Evah Canary	SW $\frac{1}{4}$ SE $\frac{1}{4}$	1	16	1-E	34.00
23	50-25	50-50	25	Martin & Mary Hart	Pt NE $\frac{1}{4}$ SE $\frac{1}{4}$	1	16	1-E	8.00
24	50-50	52-00	150	Thomas & Anna Walsh (M. and E. Corliss	NW $\frac{1}{4}$ NE $\frac{1}{4}$ E $\frac{1}{2}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	12	16	1-E	65.00
25	52-00	52-25	25	(and B. Moran	Pt SW $\frac{1}{4}$	1	16	1-E	20.00
26	52-25	53-00	75	Margaret Corliss	Pt SW $\frac{1}{4}$ (W $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$	1	16	1-E	49.73
27	53-00	53-50	50	Ellen Corliss	(NW $\frac{1}{4}$ SE $\frac{1}{4}$	1	16	1-E	44.50
28	53-50	54-25	75	Bridget Moran	Pt SW $\frac{1}{4}$	1	16	1-E	39.73
29	54-25	55-75	150	P. F. Moran	Pt NW $\frac{1}{4}$	12	16	1-E	80.00
30	55-75	60-25	450	Brown Township	Roads				
31	60-25	61-25	100	Catherine Gibbs	Pt NW $\frac{1}{4}$ NE $\frac{1}{4}$	13	16	1-E	4.00
32	61-25	67-50	625	Hendricks County	Roads				
33	67-50	72-50	500	Peoria & Eastern Railroad Company	Right of way	12 and 13	16	1-E	
34	72-50	77-50	500	T. H. I. & E. Traction Co.	Right of way (SE $\frac{1}{4}$ SW $\frac{1}{4}$ (NW $\frac{1}{4}$ SE $\frac{1}{4}$ (W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ (NE $\frac{1}{4}$ SW $\frac{1}{4}$ E $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$	12 and 13	16	1-E	
35	77-50	80-50	300	Clyde Deputy and Mary L. Yoke		12	16	1-E	145.00

I hereby certify that the above is a true and correct copy of the re-allotment of the said TIMOTHY QUINN DITCH in Lincoln Township, Hendricks County, Indiana, as made by me on the 7th day of September

27	53-00	53-50	50	Ellen Corliss	(NW $\frac{1}{4}$ SE $\frac{1}{4}$)	1	16	1-E	41.00
28	53-50	54-25	75	Bridget Moran	Pt SW $\frac{1}{4}$	1	16	1-E	39.73
29	54-25	55-75	150	P. F. Moran	Pt NW $\frac{1}{4}$	12	16	1-E	80.00
30	55-75	60-25	450	Brown Township	Roads				
31	60-25	61-25	100	Catherine Gibbs	Pt NW $\frac{1}{4}$ NE $\frac{1}{4}$	13	16	1-E	4.00
32	61-25	67-50	625	Hendricks County	Roads				
33	67-50	72-50	500	Peoria & Eastern Railroad Company	Right of way	12 and 13	16	1-E	
34	72-50	77-50	500	T. H. I. & E. Traction Co.	Right of way	12 and 13	16	1-E	
35	77-50	80-50	300	Clyde Deputy and Mary L. Yoke	(SE $\frac{1}{4}$ SW $\frac{1}{4}$) (NW $\frac{1}{4}$ SE $\frac{1}{4}$) (W $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$) (NE $\frac{1}{4}$ SW $\frac{1}{4}$) E $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$	12	16	1-E	145.00

I hereby certify that the above is a true and correct copy of the re-allotment of the said TIMOTHY QUINN DITCH in Lincoln Township, Hendricks County, Indiana, as made by me on the 7th day of September, 1927, and modified and confirmed by me on the 17th day of September 1927.

WITNESS my hand and Seal this _____ day of _____ 1927.

Surveyor Hendricks County

← LETTER →

Station	East Elev Stake	Grade	Cut
1+00	87.44	77.94	9.50
2+00	86.02	78.09	7.93
3+00	85.08	78.23	6.85
4+00	84.88	78.33	6.53

N. 2nd St
Beg at N. end

	curve line	4' W	9' W	13' W	W. curb.
0+0	9.30		9.21		9.15
0+50	10.55	11.45	11.45	11.30	10.45
1+0	12.90	13.56	13.60	13.15	12.78
1+50	15.69	16.18	16.32	16.30	15.65
2+0	19.32	19.35	19.38	19.28	19.25
2+50	23.20	23.65	23.65	23.54	23.30
2+85	25.75	26.26	26.47	26.40	25.84
3+20	26.50	26.75	27.00	26.53	26.29

0+0 is E
of Lawton Ave

B.M. on NW cor
of N. end of W. sidewalk
E.L. 10.00

1893

73'

0+0	10.00	2.40	9.93	.53
0+25	10.32	9.90	10.58	.78
0+50	12.68	10.19	11.08	.89
0+73	11.00	10.56	12.66	2.06
1+0	11.38	10.96	11.62	.66
1+20	11.60	11.27	11.68	.71
1+32	11.62	11.52	11.80	.28

74
1.91
55

11.68
11.27
41

1262
1056
206

1096
156
940

11.08
10.19
89

11.62
10.96
66

1019
39
980
1056

1019
1096
1056

1078
1052
26

1058
940
118

11.62
11.16
46

11.4
11.1
1.3
1.59
1.73

107
912
835

11.60
39
36
30

1.51
1.47

132
2.12
1.52
780
660

132
1.52
1.20
1.12

50
27
23

44
11.50
9.40

1.59
83

10
940

980
1019
15970

1056
1096
1187

15
125
150
173
10
20
33

1150

Monday 20 Kid, Bud, Dock, Bot
Thompson Shultz (Mi)

Tues 21 Kid, Bud, Dock, Bot,
Brownbug Jurney Mi +
Thompson Shultz Ditch Mi

Wed. 22 Kid, Bud, Dock, Bot
Thompson + Shultz (Mi)

Thur. 23 Kid, Bud, Dock, Bot
Thompson, Shultz & Jurney (Mi)

Fri. 24 Kid + Bud

Pittsboro Street Mileage

Sat 25

Will & Watson Ditch

Mileage

Marblehead & Armstrong

Monday 27 Will & Watson
Dock, Kid, Bot. Mileage

Tues. 28 Thompson & Shultz
Dock, Kid, Bot. Mileage

← LETTER →

Thursday + Friday Dock, 11:45,
and Bob Thompson
shulz ditto Milage

Ames O. Smith
Survey for the town of
Brownburg.

a part of SE $\frac{1}{4}$ of the SW $\frac{1}{4}$
of and also a part of the
SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ Sec 11 T 16 N R 12 E
Bedded Desc. as follows
beg at a 21 rod and 9"
north of the South $\frac{1}{2}$ mile stone
of sec 11 and running thence
east 6 + $\frac{2}{3}$ Rods thence N
55 R 15 Feet and 9"
thence W 6 Rods thence
S 10 Rods thence W 32 Rods
thence S 48 Rods 15 Feet 9"
thence East to the place
of beg.

10.50
on H line of
Lincoln Ave.

16.5
32

330
495

528.0

165
21

165
330

346.5

$$\begin{array}{r} 100 \\ 330 \\ 330 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 66 \\ 66 \\ 66 \\ \hline 198 \end{array}$$

$$\begin{array}{r} 100 \\ 990 \\ 12 \\ \hline 111 \end{array}$$

$$\begin{array}{r} 165 \\ 48 \\ \hline 1420 \\ 660 \\ \hline 7020 \end{array}$$

$$\begin{array}{r} 3492 \\ 1092 \end{array}$$

$$\begin{array}{r} 49.5 \\ 34920 \\ 3803264 \\ 3492 \end{array}$$

$$\begin{array}{r} 66 \\ 721 \\ 66 \\ \hline 1092 \end{array}$$

$$\begin{array}{r} 610 \\ 597 \\ \hline 160 \\ 132 \\ \hline 28 \end{array}$$

34

$$\begin{array}{r} 23050 \\ 198 \end{array}$$

$$\begin{array}{r} 325 \\ 264 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 11 \\ 135 \\ \hline 146 \end{array}$$

$$\begin{array}{r} 1359 \\ 602 \\ \hline 37569 \end{array}$$

$$\begin{array}{r} 145 \\ 157 \\ 249 \end{array}$$

$$\begin{array}{r} 9.4 \\ 66 \\ 621 \\ 594 \\ \hline 270 \end{array}$$

$$\begin{array}{r} 330 \\ 37 \\ \hline 3.67 \end{array}$$

$$\begin{array}{r} 9.4 \\ 3.4 \\ \hline 470 \\ 282 \\ \hline 3.290 \end{array}$$



8 1/2 miles

A part of the SE⁴ of the SW⁴ and
also a part of the SW⁴ of SE⁴ sec 11-
Twp. 16 - N of Range 1 E.

Bounded & Described as follows:
beg at S half mile stone of
Sec 11 Thence run North 846.5'
Thence run East 111.35' Thence
run north 579' to the
point of beg; Thence continue S.
394.5' Thence in a westerly direction
100' Thence run S 164' Thence
run West 621'. Thence S 730.5'
Thence East 721' to the place of
beg. estimated to contain
4.17 A

H
12

3

R-man A

Natural Trigonometrical Ratios.

Left Column							Right Column							
Angle	Sine	Tan.	Sec.	Cosec.	Cotg.	Cosin.	Angle	Sine	Tan.	Sec.	Cosec.	Cotg.	Cosin.	
0°	0	0	1.	∞	∞	1.	0°	.1392	.1405	1.0098	7.185	7.115	.99027	82
10	.0029	.0029		343.8	343.8		10	.1421	.1435	1.0102	7.040	6.968	.98988	50
20	.0058	.0058		171.9	171.9	.99993	20	.1449	.1465	1.0107	6.900	6.827	.98944	40
30	.0087	.0087		114.6	114.6	.99996	30	.1478	.1495	1.0111	6.766	6.691	.98902	30
40	.0116	.0116	1.0001	85.94	85.94	.99993	40	.1507	.1524	1.0115	6.636	6.561	.98858	20
50	.0145	.0145	1.0001	88.76	88.75	.99989	50	.1536	.1554	1.0120	6.512	6.435	.98814	10
1	.0175	.0175	1.0002	87.30	87.29	.99985	10	.1564	.1584	1.0125	6.394	6.314	.98769	81
	.0204	.0204	1.0002	49.11	49.10	.99979	20	.1593	.1614	1.0129	6.277	6.197	.98723	50
	.0233	.0233	1.0003	42.98	42.96	.99973	30	.1622	.1644	1.0134	6.166	6.084	.98676	40
	.0262	.0262	1.0003	38.20	38.19	.99966	40	.1650	.1673	1.0139	6.059	5.976	.98629	30
	.0291	.0291	1.0004	34.38	34.37	.99958	50	.1679	.1703	1.0144	5.955	5.871	.98580	20
	.0320	.0320	1.0005	31.26	31.24	.99949	10	.1708	.1733	1.0149	5.855	5.769	.98531	10
2	.0349	.0349	1.0006	28.65	28.64	.99939	10	.1736	.1763	1.0154	5.759	5.671	.98481	80
	.0378	.0378	1.0007	26.45	26.43	.99929	20	.1765	.1793	1.0160	5.665	5.576	.98430	50
	.0407	.0407	1.0008	24.56	24.54	.99917	30	.1794	.1823	1.0165	5.575	5.485	.98378	40
	.0436	.0437	1.0010	22.93	22.90	.99905	40	.1822	.1853	1.0170	5.488	5.396	.98325	30
	.0465	.0466	1.0011	21.49	21.47	.99892	50	.1851	.1883	1.0176	5.403	5.309	.98272	20
	.0494	.0495	1.0012	20.23	20.21	.99878	10	.1880	.1914	1.0181	5.320	5.226	.98218	10
3	.0523	.0524	1.0014	19.11	19.08	.99863	10	.1908	.1944	1.0187	5.241	5.145	.98163	79
	.0552	.0553	1.0015	18.10	18.07	.99847	20	.1937	.1974	1.0193	5.164	5.066	.98107	50
	.0581	.0582	1.0017	17.20	17.17	.99831	30	.1965	.2004	1.0199	5.089	4.989	.98050	40
	.0610	.0612	1.0019	16.38	16.35	.99813	40	.1994	.2035	1.0205	5.016	4.915	.97992	30
	.0640	.0641	1.0020	15.64	15.60	.99795	50	.2022	.2065	1.0211	4.946	4.843	.97934	20
	.0669	.0670	1.0022	14.96	14.92	.99776	10	.2051	.2095	1.0217	4.877	4.773	.97875	10
4	.0698	.0699	1.0024	14.34	14.30	.99756	10	.2079	.2126	1.0223	4.810	4.705	.97815	78
	.0727	.0729	1.0027	13.76	13.73	.99736	20	.2108	.2156	1.0230	4.745	4.638	.97754	50
	.0756	.0758	1.0029	13.23	13.20	.99714	30	.2136	.2186	1.0236	4.682	4.574	.97692	40
	.0785	.0787	1.0031	12.75	12.71	.99692	40	.2164	.2217	1.0243	4.620	4.511	.97630	30
	.0814	.0816	1.0033	12.29	12.25	.99668	50	.2193	.2247	1.0249	4.560	4.449	.97566	20
	.0843	.0846	1.0036	11.87	11.83	.99644	10	.2221	.2278	1.0256	4.502	4.390	.97502	10
5	.0872	.0875	1.0038	11.47	11.43	.99619	10	.2250	.2309	1.0263	4.445	4.331	.97437	77
	.0901	.0904	1.0041	11.10	11.06	.99594	20	.2278	.2339	1.0270	4.390	4.275	.97371	50
	.0929	.0934	1.0043	10.76	10.71	.99567	30	.2306	.2370	1.0277	4.336	4.219	.97304	40
	.0958	.0963	1.0046	10.43	10.39	.99540	40	.2334	.2401	1.0284	4.284	4.165	.97237	30
	.0987	.0992	1.0049	10.13	10.08	.99511	50	.2363	.2432	1.0291	4.232	4.113	.97169	20
	.1016	.1022	1.0052	9.839	9.788	.99482	10	.2391	.2462	1.0299	4.182	4.061	.97100	10
6	.1045	.1051	1.0055	9.567	9.514	.99452	10	.2419	.2493	1.0306	4.133	4.011	.97030	76
	.1074	.1080	1.0058	9.309	9.255	.99421	20	.2447	.2524	1.0314	4.086	3.962	.96959	50
	.1103	.1110	1.0061	9.065	9.010	.99390	30	.2476	.2556	1.0321	4.039	3.914	.96887	40
	.1132	.1139	1.0065	8.834	8.777	.99357	40	.2504	.2586	1.0329	3.994	3.867	.96815	30
	.1161	.1169	1.0068	8.614	8.556	.99324	50	.2532	.2617	1.0337	3.949	3.821	.96742	20
	.1190	.1198	1.0072	8.405	8.345	.99290	10	.2560	.2648	1.0345	3.906	3.776	.96667	10
7	.1219	.1228	1.0075	8.206	8.144	.99255	10	.2588	.2679	1.0353	3.864	3.732	.96593	75
	.1248	.1257	1.0079	8.016	7.953	.99219	20	.2616	.2711	1.0361	3.823	3.689	.96517	50
	.1276	.1287	1.0082	7.834	7.770	.99182	30	.2644	.2742	1.0369	3.783	3.647	.96440	40
	.1305	.1317	1.0086	7.661	7.596	.99144	40	.2672	.2773	1.0377	3.742	3.606	.96363	30
	.1334	.1346	1.0090	7.498	7.429	.99106	50	.2700	.2805	1.0386	3.703	3.566	.96285	20
	.1363	.1376	1.0094	7.337	7.269	.99067	10	.2728	.2836	1.0394	3.665	3.526	.96206	10
							10							74

Cosin. Cotg. Cosec. Sec. Tan. Sine. Angle.

Cosin. Cotg. Cosec. Sec. Tan. Sine. Angle.

Natural Trigonometrical Ratios.

Table of natural trigonometrical ratios for angles 0° to 66°. Columns include Angle, Sine, Tan., Sec., Cosec., Cotg., and Cosin.

Natural Trigonometrical Ratios.

Table of natural trigonometrical ratios for angles 67° to 90°. Columns include Angle, Sine, Tan., Sec., Cosec., Cotg., and Cosin. Includes a secondary column for angles 30° to 60° at the top right.

87.66

89.20

16.45 86.45 90.90
 83.27 81.56 90.76 86.03
 3.18 4.89 88.02 82.10
 81.95 1.3 43.5

6.07
 DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
 ROADWAY 14 FEET WIDE. SIDE SLOPES 1 1/2 TO 1.
 FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MADE IN GERMANY.

18.02
 79.61
 8.37