

MERIDIAN RD. BRIDGE

TELEDYNE
408
MINING TRANSIT BOOK

Property of CACHE COUNTY
ENGINEER'S OFFICE
Address 179 NORTH MAIN ST.
LOGAN UTAH (84321)
Telephone 752-9744 (801)

This Book is manufactured of a High Grade
50% Rag Paper having a Water Resisting Surface,
and is sewed with Nylon Waterproof Thread.

PAGE

I N D E X

1 - MERIDIAN ROAD BRIDGE ALIGNMENT

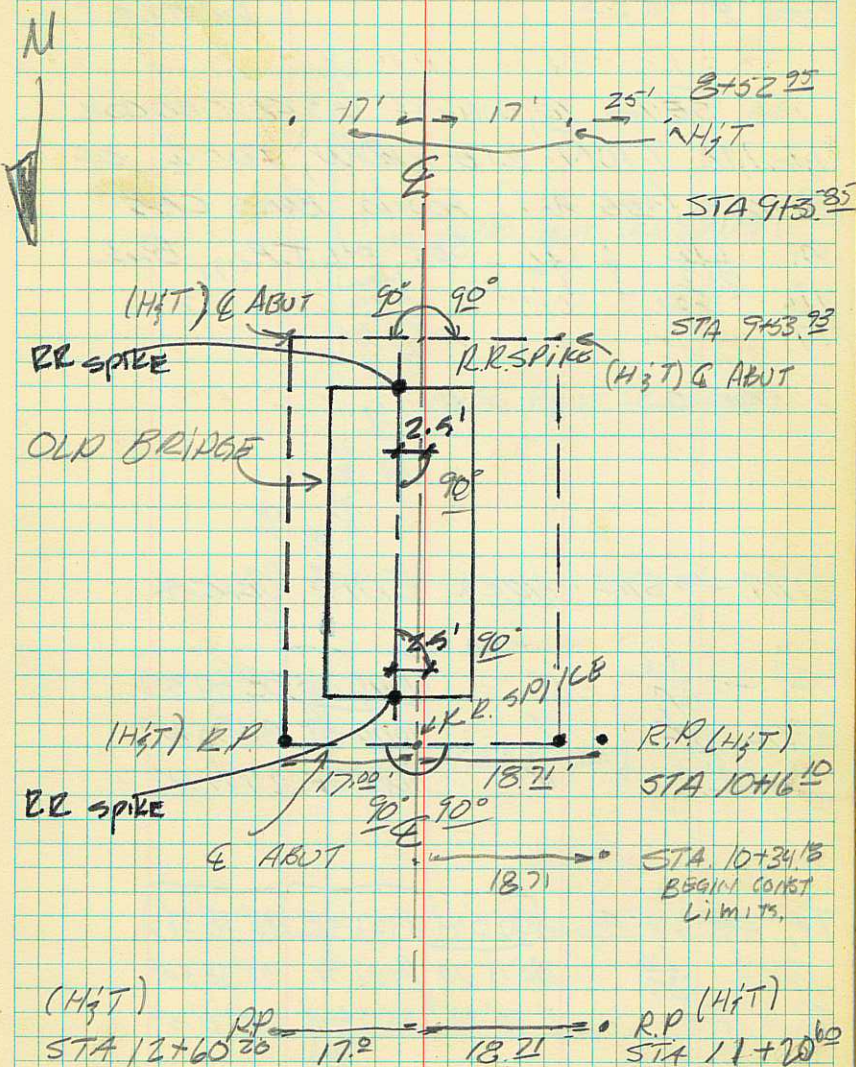
ROSS T
SLOTT P

MARCH 23 1982
CLOUDY 40° -

NOTE: ROSS & I WAS GIVEN ASSIGN.
TO SET NEW $\frac{1}{2}$ STAKE ABUT.
 $\frac{1}{2}$ R.P.'S. WE COULD NOT FIND
ANY BEARING BETWEEN OLD
 $\frac{1}{2}$ AND NEW $\frac{1}{2}$. PRESTON TOLD
US TO SPLIT THE OLD BRIDGE
ON NO., THEN OFFSET THE
NEW $\frac{1}{2}$ 2.5' WEST, ROTATED
THROUGH THE CENTER OF OLD
BRIDGE. WHEN WE DID THIS
THE $\frac{1}{2}$ ALIGNMENT OF THE
NEW BRIDGE WOULD BE BEARING
TOO FAR S.E. IT DID NOT ALIGN
WITH ROAD TO THE SO.

WE THEN DECIDED TO MOVE
 $\frac{1}{2}$ 2.5' WEST ON BOTH NO. $\frac{1}{2}$
SO. ENDS. (SEE DIAGRAM)
SET $\frac{1}{2}$ OF ABUT. $\frac{1}{2}$ R.P.'S.

NEW BRIDGE ①



APRIL 12, 1962

SCOTT T

ROSS #

COOL 45°

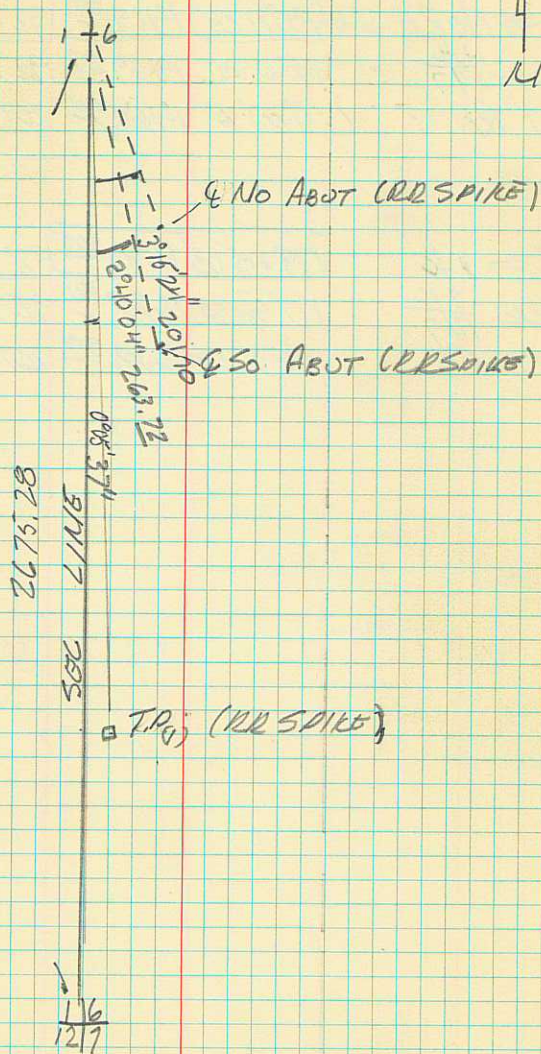
CLOUDY

BREEZE

TIBING ξ , WHICH IS FR SBC COR
 1, 6, 7, 12 TION, DIE & RIW, TO ξ OF
 BRIDGE (SEE PG 1). FOUND BRASS CAPS
 ON $\frac{1}{16}$ & $\frac{1}{17}$. SET ON T.P. (17), BACK
 $\frac{1}{16}$, FOR.

STA → STA	HORIZ	SDIST	VERT
TP ₁ → $\frac{1}{16}$	0°	1006.265	88°40'30"
BACK $\frac{1}{17}$	0°	1006.27	88°40'30"
INT RT	0°	1006.26	271°19'30"
TP ₁ → S. RR SPIKE	180°15'04"	1407.405	92°38'37"
BACK $\frac{1}{16}$	180°15'00"	1407.41	92°38'30"
INT RT	10°00'15"	1407.40	267°21'15"

②
 TION, DIE & RIW.
 SLM



STA → STA HORIZ DIST VERT

TP ₁ → N. RR. SP. 1/6	180°11'53"	1469. ³⁹	92°31'22"
Back 1/6 127	180°10'45"	1469.87	92°31'30"
INT RT	0°47'30"	1469.41	267°28'45"

TP ₁ → 1/6	179°45'03"	1670. ⁹⁰	92°31'03"
Back 1/6 127	179°44'30"	1670. ⁹¹	92°31'05"
INT RT	355°00'10"	1670. ⁹⁰	267°25'00"

APRIL 12, 1982

ROSS T

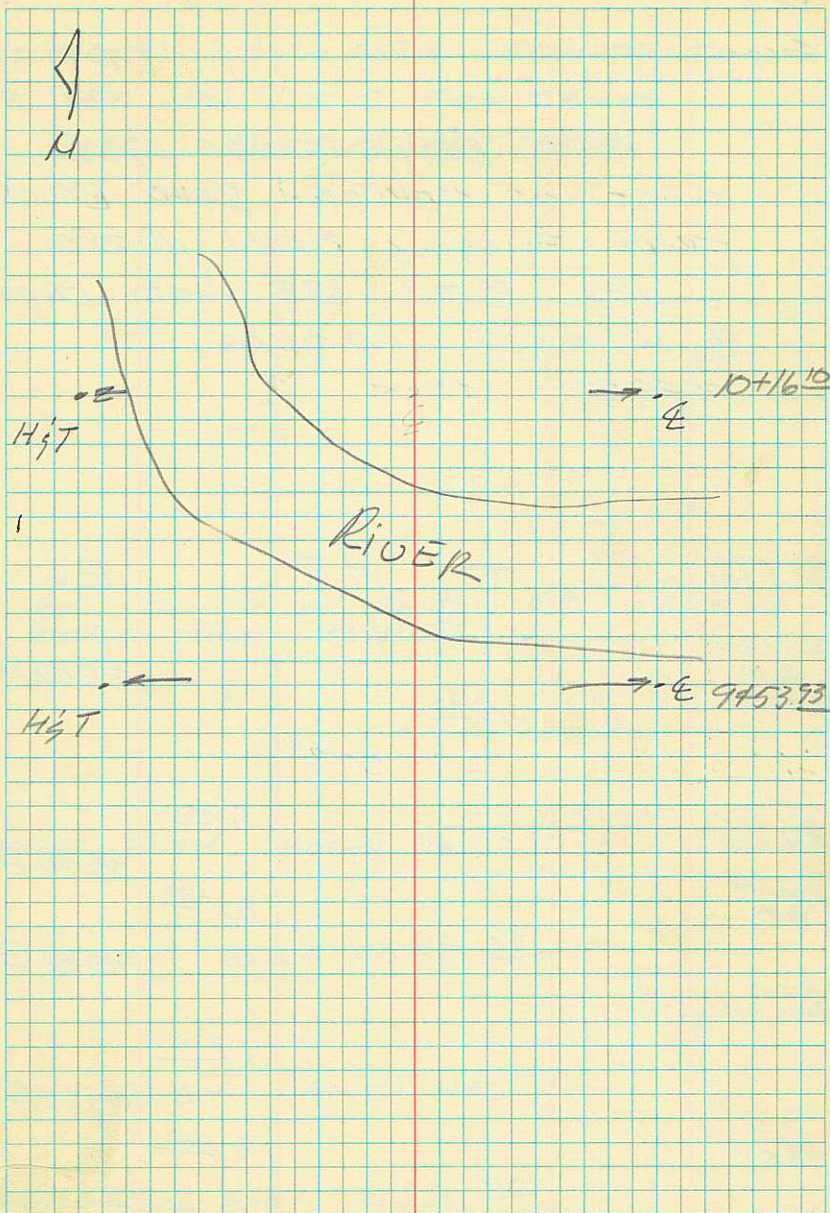
SCOTT #

EXTENDED R.P. WEST OF C
OF ABUT. (SEE PG 1).

STA → STA HORZ & SDIST VERTX H DIST

STA 10+16¹⁰ 90° 00' 00" 193.56 92° 45' 55" 193.33

STA 9+53.93 90° 00' 00" 81.70 96° 32' 40" 81.17



ROSS
SCOTT

APRIL 13 82
PARTLY CLOUDY
COOL 45° F

SET BENCH MARKS FOR
CONST OF MERIDIAN ROAD BRIDGE
FROM EXISTING BENCH MARKS
NEW B.M.'S ARE ALUM. CAPS
@ INDICATED STATIONS &
OFFSETS FROM 4.

STS.	+	HI	-	EL.
NORTH B.M.				4541.90
	9 032			
		30 94		
11+20 21' LET B.M. STA			11 951	4538.98
SOUTH B.M.			10 583	4540.35
STD 8+53 28' LET			11 368	4539.57
NORTH B.M. CLOSE			9 009	4541.87

793

152

NOTE: ALL NEW MONUMENTS
AND ALL OLD MONUMENTS
WERE DETERMINED FROM
1 (ONE) HI

B.M. INDICATED ON PLANS RR. SPIKE IN
FENCE POST 4541.90
EXISTING

B.M. ELEV. (NORTH, NEW)

OLD B.M. ELEV. 4540.38

B.M. ELEV. (SOUTH, NEW)

B.M. CHECK ELEV 4541.90

TABLE X. RODS IN FEET, TENTHS AND HUNDRETHS OF FEET

Rods	Feet	Rods	Feet	Rods	Feet	Rods	Feet	Rods	Feet
1	16.50	21	346.50	41	676.50	61	1006.50	81	1336.50
2	33.00	22	363.00	42	693.00	62	1023.00	82	1353.00
3	49.50	23	379.50	43	709.50	63	1039.50	83	1369.50
4	66.00	24	396.00	44	726.00	64	1056.00	84	1386.00
5	82.50	25	412.50	45	742.50	65	1072.50	85	1402.50
6	99.00	26	429.00	46	759.00	66	1089.00	86	1419.00
7	115.50	27	445.50	47	775.50	67	1105.50	87	1435.50
8	132.00	28	462.00	48	792.00	68	1122.00	88	1452.00
9	148.50	29	478.50	49	808.50	69	1138.50	89	1468.50
10	165.00	30	495.00	50	825.00	70	1155.00	90	1485.00
11	181.50	31	511.50	51	841.50	71	1171.50	91	1501.50
12	198.00	32	528.00	52	858.00	72	1188.00	92	1518.00
13	214.50	33	544.50	53	874.50	73	1204.50	93	1534.50
14	231.00	34	561.00	54	891.00	74	1221.00	94	1551.00
15	247.50	35	577.50	55	907.50	75	1237.50	95	1567.50
16	264.00	36	594.00	56	924.00	76	1254.00	96	1584.00
17	280.50	37	610.50	57	940.50	77	1270.50	97	1600.50
18	297.00	38	627.00	58	957.00	78	1287.00	98	1617.00
19	313.50	39	643.50	59	973.50	79	1303.50	99	1633.50
20	330.00	40	660.00	60	990.00	80	1320.00	100	1650.00

TABLE XI. LINKS IN FEET, TENTHS AND HUNDRETHS OF FEET

Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet
1	0.66	18	11.88	35	23.10	52	34.32	69	45.54	86	56.76
2	1.32	19	12.54	36	23.76	53	34.98	70	46.20	87	57.42
3	1.98	20	13.20	37	24.42	54	35.64	71	46.86	88	58.08
4	2.64	21	13.86	38	25.08	55	36.30	72	47.52	89	58.74
5	3.30	22	14.52	39	25.74	56	36.96	73	48.18	90	59.40
6	3.96	23	15.18	40	26.40	57	37.62	74	48.84	91	60.06
7	4.62	24	15.84	41	27.06	58	38.28	75	49.50	92	60.72
8	5.28	25	16.50	42	27.72	59	38.94	76	50.16	93	61.38
9	5.94	26	17.16	43	28.38	60	39.60	77	50.82	94	62.04
10	6.60	27	17.82	44	29.04	61	40.26	78	51.48	95	62.70
11	7.26	28	18.48	45	29.70	62	40.92	79	52.14	96	63.36
12	7.92	29	19.14	46	30.36	63	41.58	80	52.80	97	64.02
13	8.58	30	19.80	47	31.02	64	42.24	81	53.46	98	64.68
14	9.24	31	20.46	48	31.68	65	42.90	82	54.12	99	65.34
15	9.90	32	21.12	49	32.34	66	43.56	83	54.78	100	66.00
16	10.56	33	21.78	50	33.00	67	44.22	84	55.44	101	66.66
17	11.22	34	22.44	51	33.66	68	44.88	85	56.10	102	67.32

① 100
100

② 1,105.9753
100.0000

③ 2511.8896
106.1617

④ 2573.9530
165.0743

⑤ 2775.2725
92.7406

953.93

935.85

18.08

N 0° 05' 20" W

N 0° 14' 57" W
(4669.29)

S 2° 55' 01" E
263.72

N 1° 00' 14" W
62.07

N 3° 30' 21" W
201.70