

COLORADO STATE HIGHWAY DEPARTMENT

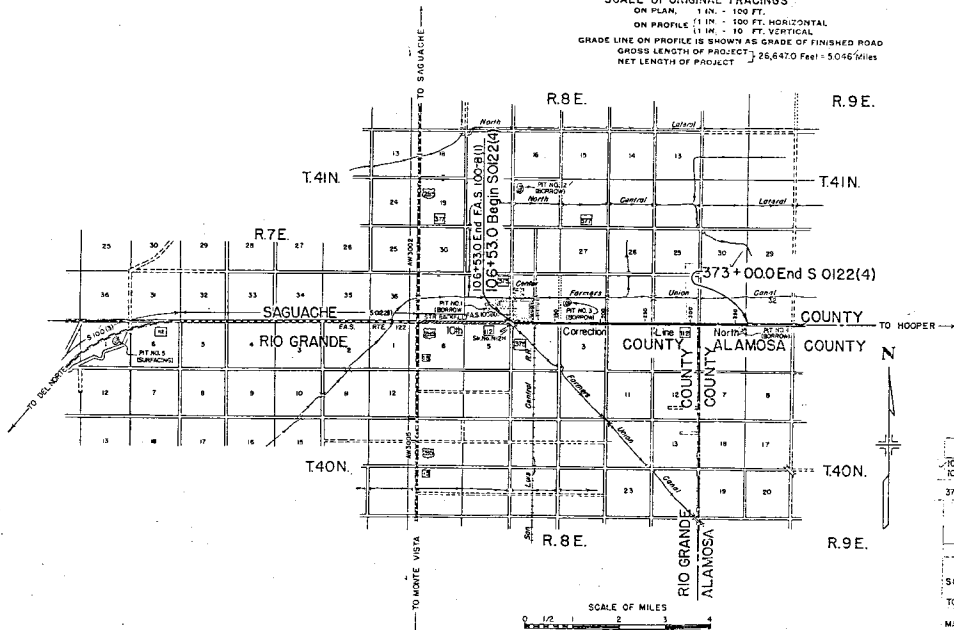
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PLAN AND PROFILE OF PROPOSED FEDERAL AID SECONDARY PROJECT NO. SO122(4) STATE HIGHWAY NO. 112 ALAMOSA, SAGUACHE & RIO GRANDE COUNTIES

SCALE OF ORIGINAL TRACINGS
 ON PLAN, 1 IN. = 100 FT.
 ON PROFILE 1 IN. = 100 FT. HORIZONTAL
 1 IN. = 10 FT. VERTICAL
 GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
 GROSS LENGTH OF PROJECT 25,647.0 Feet = 5.046 Miles
 NET LENGTH OF PROJECT



CONVENTIONAL SIGNS

- ✓ CENTER LINE
- ✓ RIGHT-OF-WAY LINE
- ✓ COUNTY LINE
- ✓ TOWNSHIP OR RANGE LINE
- ✓ SECTION LINE
- ✓ QUARTER SECTION LINE
- ✓ CITY LIMITS
- ✓ RAILROAD
- ✓ BARBED WIRE FENCE
- ✓ WOVEN WIRE - COMBINATION FENCE
- ✓ TELEPH. & TELE. LINE
- ✓ POWER LINE
- ✓ COMBINED BARBED WIRE & BOARD FENCE
- ✓ BOARD FENCE
- ✓ PICKET FENCE

NOTE:

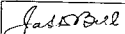
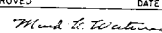
It is recommended that bidders on this project go over the plan details with one of the following field representatives of this department.

G.E. SHUMATE, District Engineer, Pueblo, Colo.
 J.E. CASEY, Construction Engineer, Durango, Colo.

TABULATION OF LENGTH AND DESIGN

STATION	ROADWAY	LINE
106+53.0 End F&S 100-8(1)		
106+53.0 Begin S 0122(4)		
373+000 End S 0122(4)	26,647.0	
TOTALS	26,647.0	
SUMMARY		
SO122(4) Roadway	UN.FT.	MILES
	26,647.0	5.046
TOTAL S 0122(4)	26,647.0	5.046
DESIGN DATA		
MAXIMUM DEGREE OF CURVE	TANGENT	
MAXIMUM GRADE	PERCENT	
MINIMUM R.S.D. HORIZONTAL	PERCENT	
MINIMUM R.S.D. VERTICAL	PERCENT	
MINIMUM DESIGN SPEED	50 M.P.H.	

RECOMMENDED FOR APPROVAL DATE

 DISTRICT ENGINEER 10-5-49	APPROVED  STATE HIGHWAY ENGINEER 10-5-49
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DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL:	
DISTRICT ENGINEER APPROVED:	DATE
DIVISION ENGINEER	DATE

SAGUACHE COUNTY

CITY OF CENTER

SW 1/4 Sec 33

T-4N, R-8E

SUI22(4)

PIT NO. 5

S. 1/4 Sec 33

E 2 Miles West of Sta 106+53

Location NE 1/4 Sec 1 T-4N, R-8E

A-1-(G)

L.L. 19.5

P.L. N.P.

Z-200 3.3

S 89° 32' E
F.A.S. 100-B (1)Triple 10x100' C.B.C.
S.W. 1/4 Sec 33
Structure N12HEquation in Bearings
S 89° 30' E Bl.
N 89° 32' E AndEQUATION IN LEVELS
48.0 Bl. on F.A.S. 100-B (1) 44.34 And

Notes:

- 1. All material and grades as shown are subject to modification during construction after review by the District Office.
- 2. City shown on the plan is obtained from U.S. Dept. of the Interior, Bureau of Land Management. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these facts. If materials are necessary to the data on plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure desired and satisfactory results.
- 3. All water rights are indicated on sheet 4.

NO. 1 A-2-400
L.L. 19.4
P.L. N.P.
Z-200 27.5

NO. 1A A-2-400
L.L. 24.5
P.L. N.P.
Z-200 27.2

NO. 1B A-2-400
L.L. 28.8
P.L. N.P.
Z-200 15.4

Water Table 34.5 3-3-49
Estimated High Water Table 35.7

NO. 2 A-1-800
L.L. 20.3
P.L. N.P.
Z-200 18.3

NO. 2A A-1-800
L.L. 18.7
P.L. N.P.
Z-200 13.6

NO. 2B A-1-800
L.L. 28.9
P.L. N.P.
Z-200 11.7

Water Table 34.5 3-3-49
Estimated High Water Table 35.1

NO. 3 A-1-800
L.L. 20.3
P.L. N.P.
Z-200 18.3

NO. 3A A-2-400
L.L. 24.5
P.L. N.P.
Z-200 27.2

NO. 3B A-2-400
L.L. 28.8
P.L. N.P.
Z-200 15.4

NO. 3C A-1-800
L.L. 20.3
P.L. N.P.
Z-200 18.3

Water Table 34.5 3-3-49
Estimated High Water Table 35.8

EXCAVATION
EMBANKMENT
E.M. X FACTOR
BORROW
STA. TO OVE-
TO MILE D. Haul
BORROW SCALE

5974
5972
5953
5923
5910

PIT NO. 1 0.5 Mile to Sta 106+53

105

110

115

120

125

130

SC22 (4)

Sewer & Underdrain
18" x 40" Wd. Box, to remain in place

S.W. 1/4 Sec 35
T.41N. R.8E.

RIO GRANDE CO

N.W. 1/4 Sec. 2
T. 40 N. R. 8 E. Clear & Grub
Light Brush & Weeds
215+50 Dead Tree, Lt.

NO. 12 A-1-b(0)
Similar to No. 10

NO. 12A A-1-b(0)
Similar to No. 10A

NO. 12B A-2-4(0)
Similar to NO. 10B

NO. 12C A-1-b(0)
Similar to No. 10C

Water Table 15.9 3-3-49
Estimated High Water Table 19.3

Wet. Table 22.2 3-3-49
Estimated High Water Table 24.2

Water Table 18.2 3-3-49
Estimated High Water Table 20.6

Water Table 15.9 3-3-49
Estimated High Water Table 15.3

1. GAVATION
 2. BANKMENT—
 3. B. X FACTOR—
 4. BROW—
 5. A. YD. OVERH.
 6. 1. MILE OVERH.
 7. BROW SCURC=

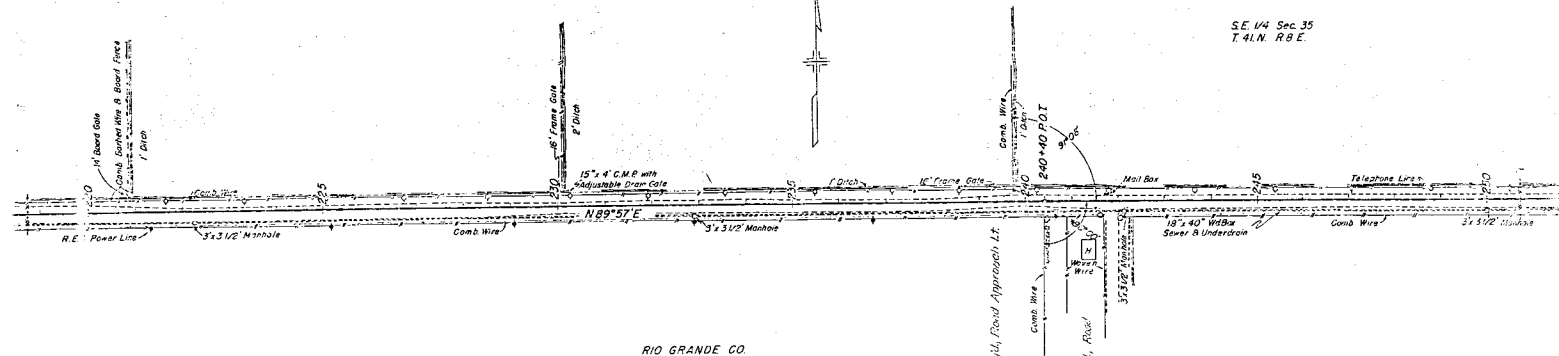
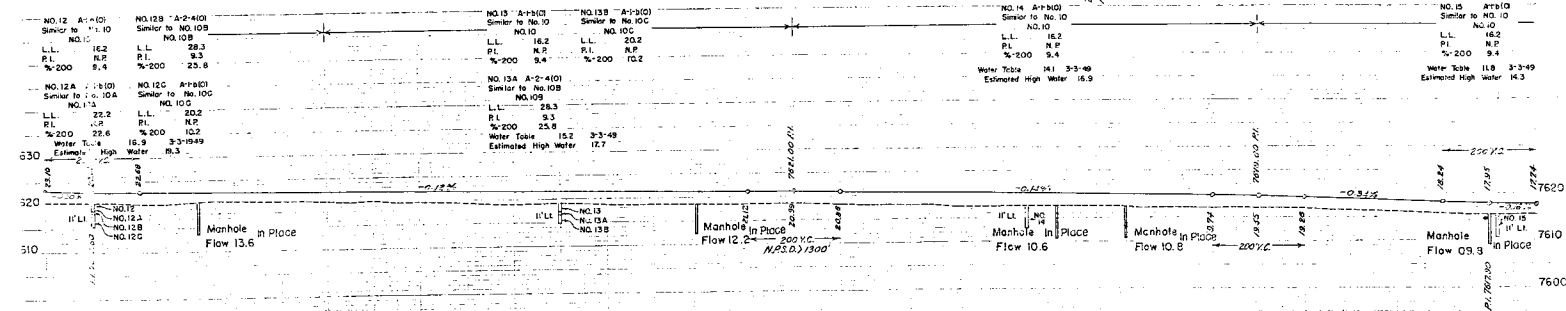
PIT NO. 3 0.5 Miles to Sta. 160+00-

223

SAGUACHE CO.

S.W. 1/4 Sec. 35
T. 41N. R. 8E.

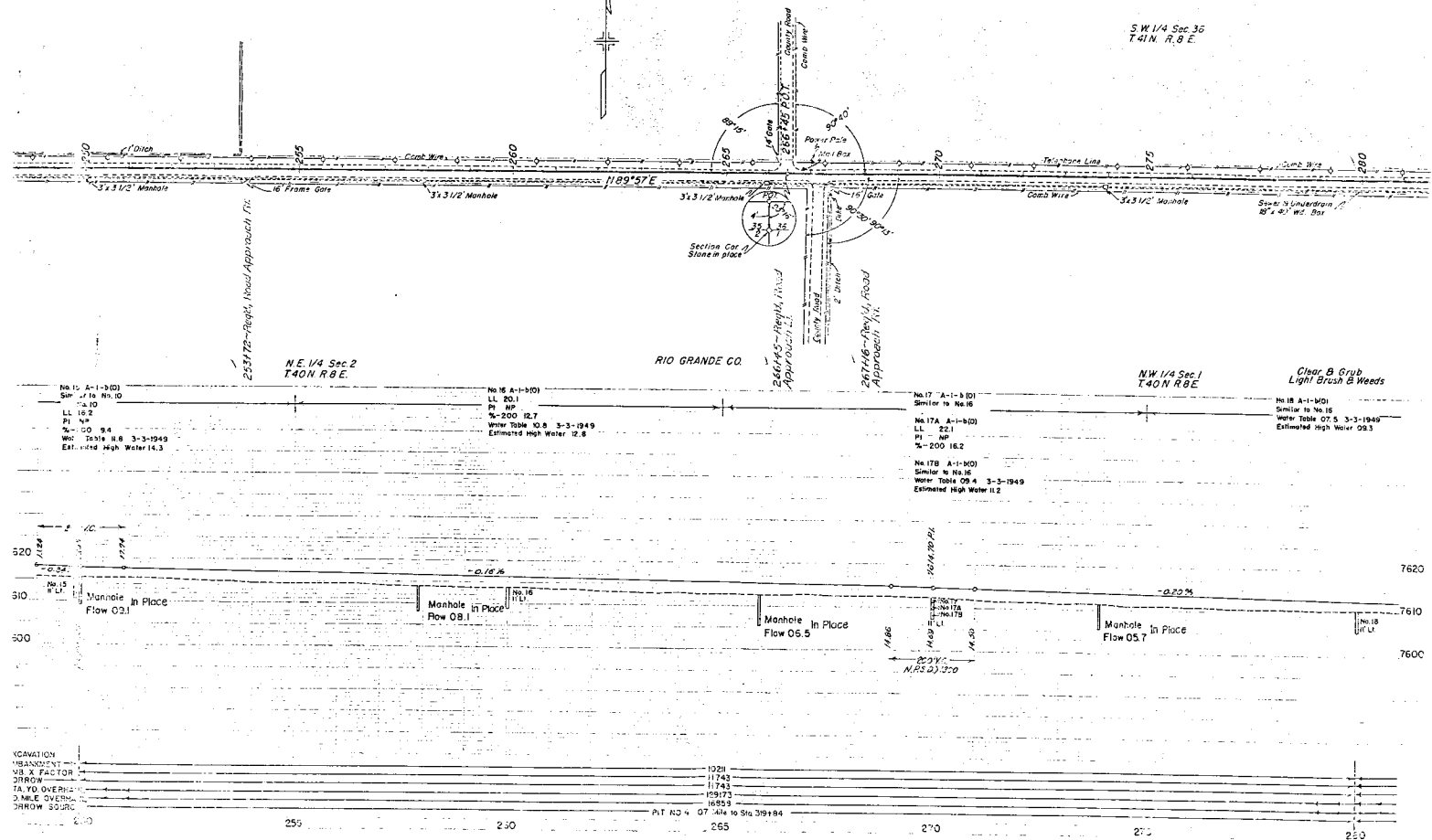
S012249 13

S.E. 1/4 Sec. 35
T. 41N. R. 8E.NW 1/4 Sec. 2
T. 40N. R. 8E.NE 1/4 Sec. 2
T. 40N. R. 8E.Clear & Grub
Light Brush & Weeds

EXAVATION	10547
WATER ELEV.	12127
MB X FACTOR	12127
CORROW	15127
TA YD OVER	24387
2 MILE OVER	
CORROW SCALE	

PIT NO. 4 OF 14 TO 5th 39184

S.W. 1/4 Sec. 36
T. 41 N. R. 8 E.

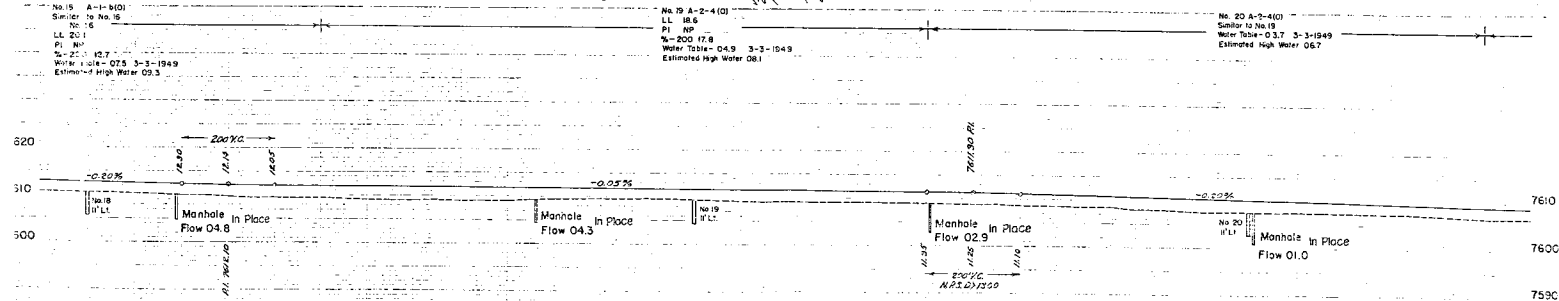
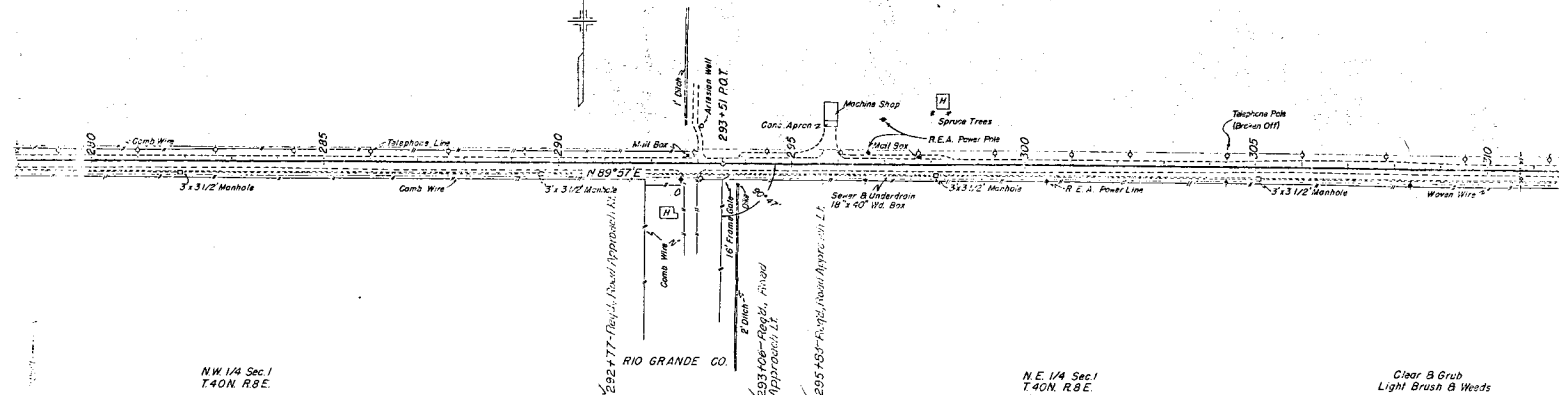


S.W. 1/4 Sec. 36
T. 41 N. R. 8 E.

SAGUACHE CO.

S.E. 1/4 Sec. 36
T. 41 N. R. 8 E.

50:22(4) 17



GRAVATION	87.98
BRANCH	88.27
10 X 10 FLOOR	88.57
TRAIL	88.87
4.00 OVERHEAD	89.17
MILE OVERHEAD	89.47
BRIDGE	89.77

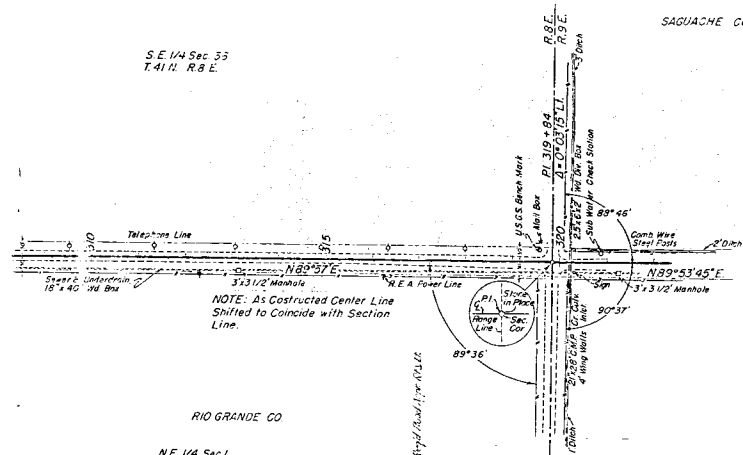
PIT NO. 4 OF No. 10 Sta 319+84

S.E. 1/4 Sec. 33
T.41 N. R.8 E.

S.W. 1/4 Sec. 31
T. 41 N. R. 9 E.

501224 1a

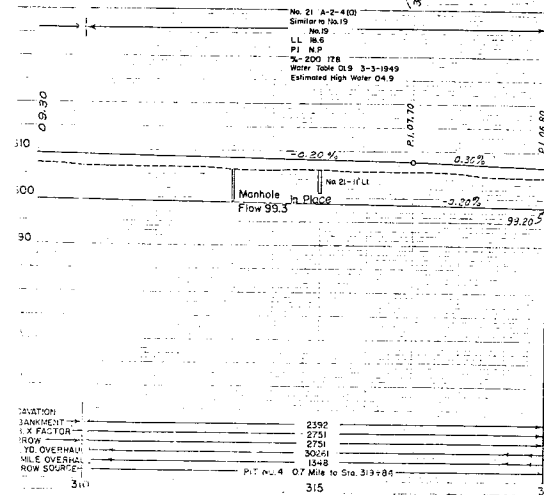
Deleted "End of Proj." & Proj. Mar. 1-23-60 JF Super W. O. No. 15057



N.E 1/4 Sec 1
T.40N R.8E.

ALAMOSA CO.

N.W. 1/4 Sec. 6
T. 40 N. R. 9 E.



7610

7600

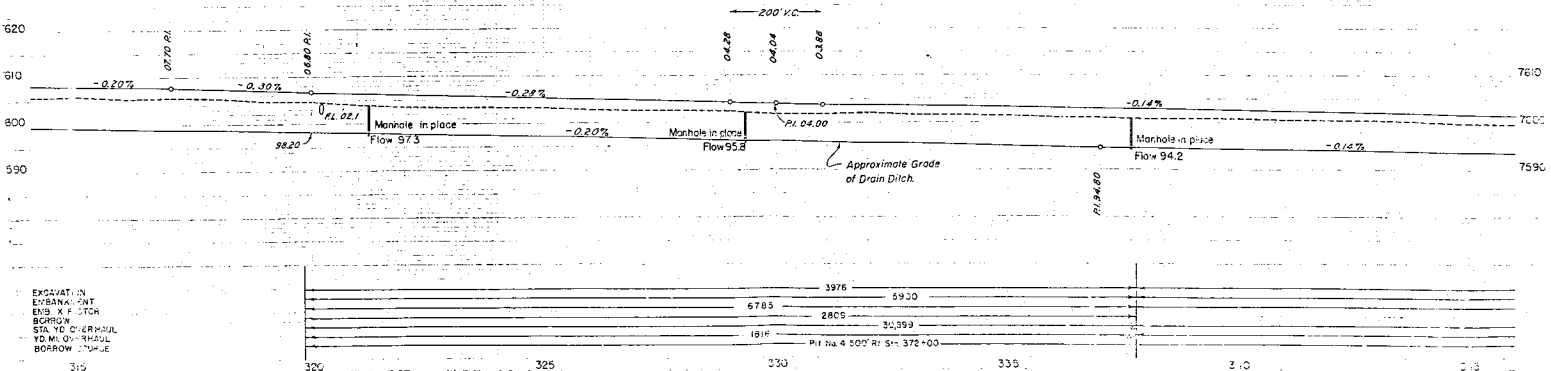
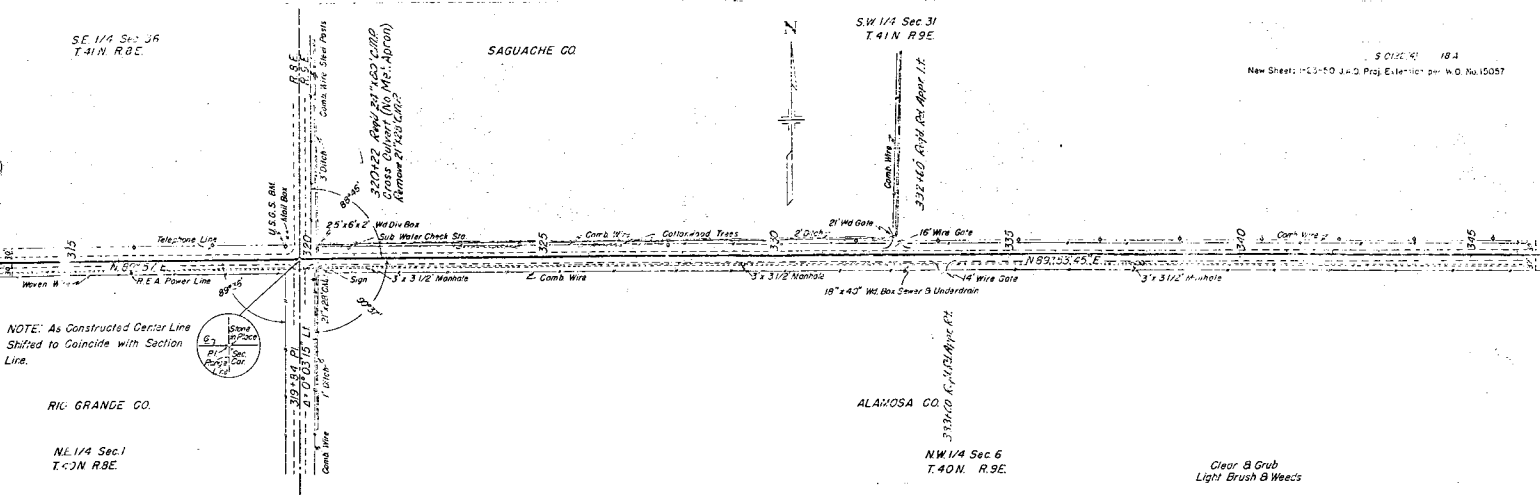
7590

SE 1/4 Sec 31
T.41N R.9E

SAGUACHE CO.

SW 1/4 Sec 31
T.41N R.9E

Sheet 150-10 J-2 Proj. Extension per W.O. No. 15057



EXCAVATION	3976	5930
EMBANKMENT	6785	2805
ENH. & P. STON		30,999
BORROW	1818	
ST. 10' OVERSHOUL		
VD. M. OVERSHOUL		
BORROW		

SW 1/4 Sec 31
T.41N R.9E

SE 1/4 Sec 31
T.41N R.9E

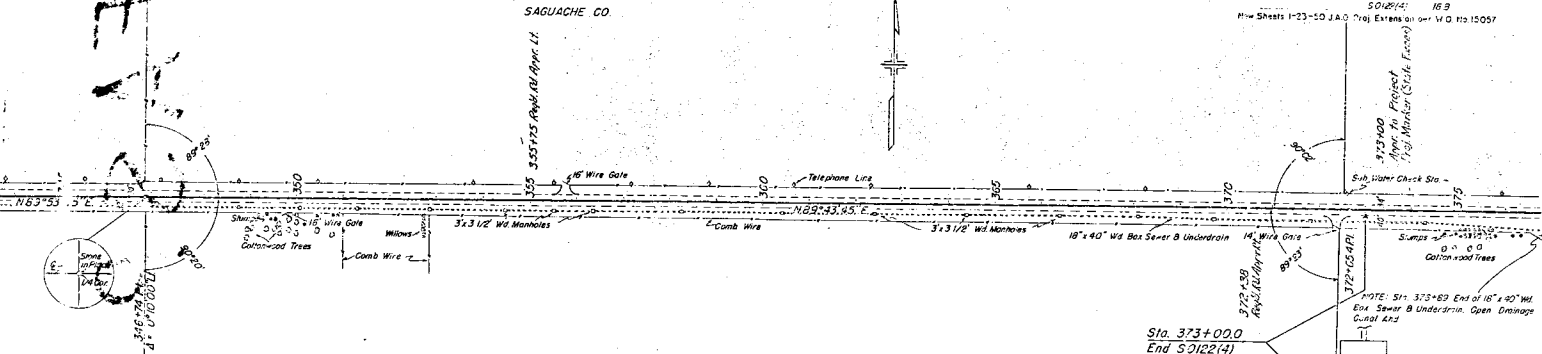
SAGUACHE CO.



Sheet 1-23-10 J.A.D. 16 B
Proj. Extension over W.D. No. 15057

Sta 373+00
Project
1/2" Manhole (Check Entry)

Sub. Water Check Sta.



ALAMOSA CO.

NE 1/4 Sec 6
T.40N R.9E

Clear & Grub
Light Brush & Weeds

Sta. 373+00.0
End 50122(4)

NW 1/4 Sec 6
T.40N R.9E

