

INDEX OF SHEETS

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COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. S-6(3) STATE HIGHWAY NO. 86 ELBERT COUNTY

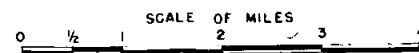
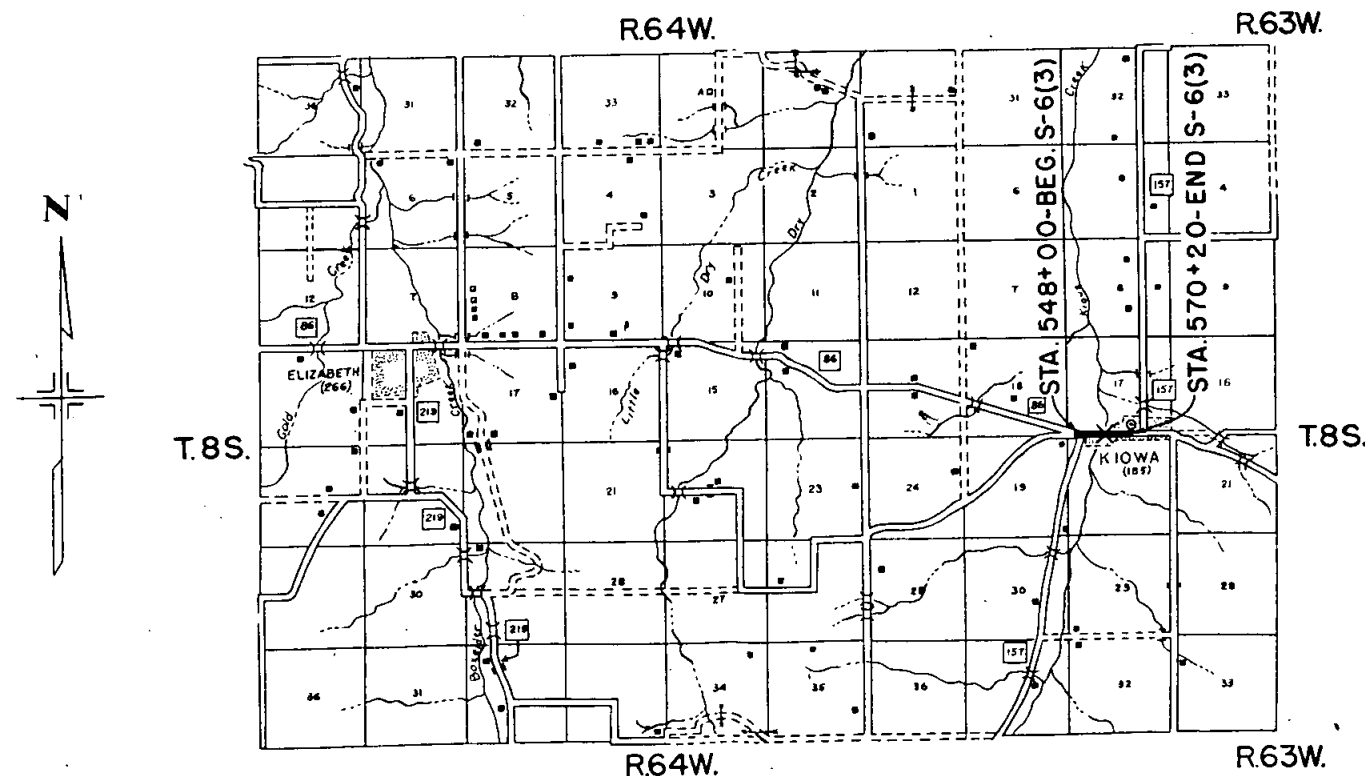
CONVENTIONAL SIGNS

- Center Line
- Right of Way Line
- County Line
- Township or Range Line
- Section Line
- Quarter Section Line
- Sixteenth Section Line
- Property or Tract Line
- City Limits
- Barbed Wire Fence
- Woven Wire Combination Fence
- Wire Cable Guard Fence
- Teleph. & Teleg. Line
- Power Line

SCALES
 ON PLAN, 1 IN. = 100 FT.
 ON PROFILE 1 1/2 IN. = 100 FT. HORIZONTAL
 1 1/2 IN. = 10 FT. VERTICAL
 GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
 GROSS LENGTH OF PROJECT
 NET LENGTH OF PROJECT

RIGHT OF WAY

NOTE:
 It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department.
 Ernest Montgomery Division Engineer Colorado Springs



RECOMMENDED FOR APPROVAL

| | |
|--------------------|------|
| | |
| ASSISTANT ENGINEER | DATE |

APPROVED _____ DATE _____

| | |
|----------------|------|
| | |
| STATE ENGINEER | DATE |

RECOMMENDED FOR APPROVAL DATE _____

| | |
|--|------|
| | |
| DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY | DATE |

APPROVED _____ DATE _____

| | |
|--|------|
| | |
| DIVISION ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY | DATE |

R.O.W. TABULATION OF PROPERTIES IN ELBERT COUNTY S.H. No. 56 PROJ. S-C (3)

| | | | | |
|-----------|-------|-----------|-----------|--------------|
| DIST. NO. | STATE | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
| 3 | COLO. | S-6(3) | 2 | 4 |

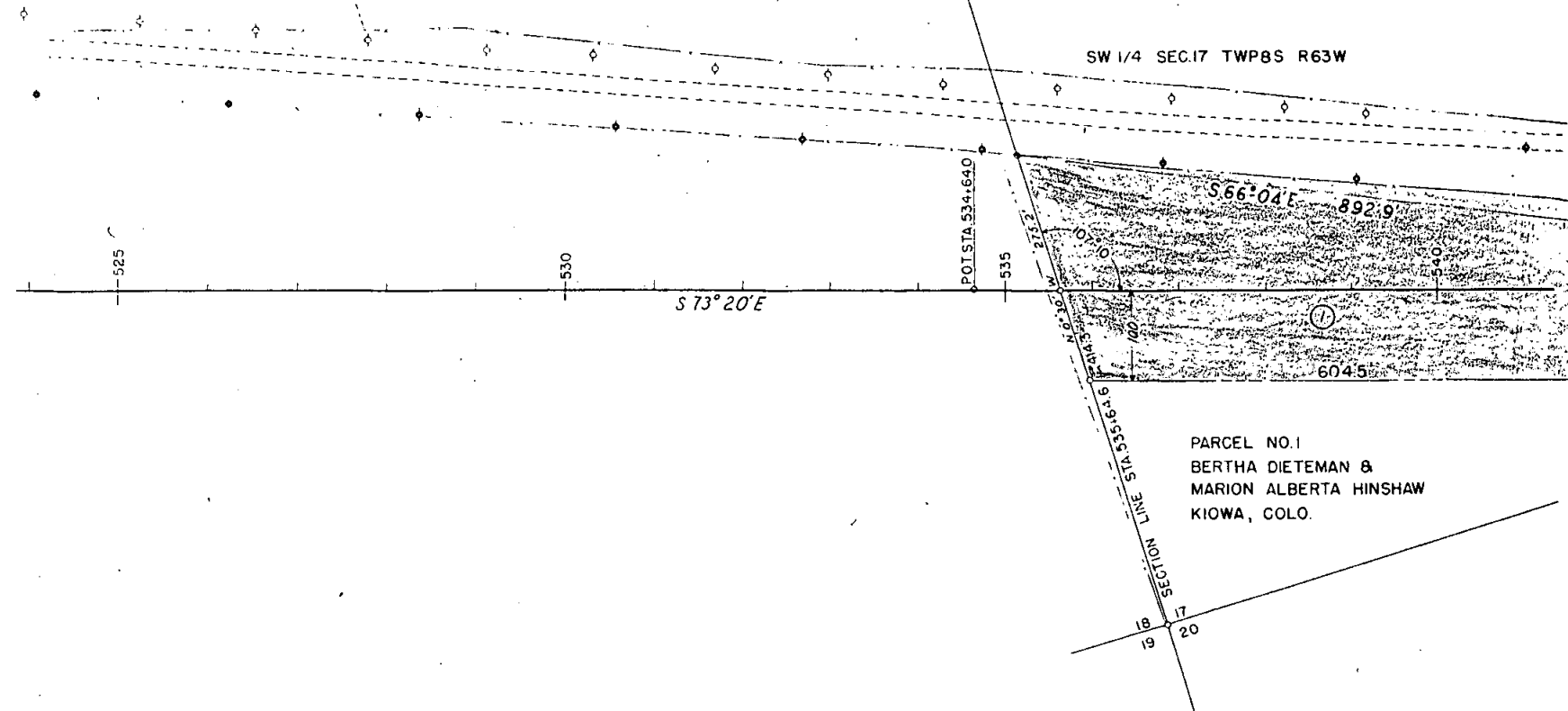
REV. 10-22-46 C.J.W.
REV. 10-31-46 C.J.W.

| NO. | OWNER | ADDRESS | LOCATION | AREA IN ACRES | | | ASSESSED VALUATIONS | | | | REMARKS | NO. |
|----------|---|--------------|-------------------------------|---------------|---------|----------------|---------------------|------------------------------------|--------|--------|---|-----|
| | | | | TOTAL LAND | PARCEL | TO BE ACQUIRED | TOTAL LAND | PER ACRE | PARCEL | IMP'S. | | |
| 1 | BERTHA DIETEMAN & MARION ALBERTA HINSHAW | KIOWA, COLO. | SW 1/4 17-8-63 | 149.0 | 7.685 | 5.650 | \$ 675 | 14.4 ACRES AT 5.00 5 " " 1.50 | | | | |
| 2 | FRANCES K. & FORIST WOODARD | KIOWA, COLO. | NW 1/4 20-8-63 | 11.5 | 0.647 | 0.204 | 265 | 8.0 ACRES AT 2.00 3.5 " " 1.50 | | \$760 | TRUST DEED, KIOWA STATE BANK | |
| 3 | NELLIE V. & RICHARD TIFFT | KIOWA, COLO. | NW 1/4 20-8-63 | 140.0 | 0.446 | 0.179 | | 25 ACRES AT 15.00 11.5 " " 7.50 | | | LESS PLATTED TOWN & WOODARD TRACT - TRUST DEED, FRED L. WEISS | |
| 4 | V. G. KILLIN | KIOWA, COLO. | LOT 12 BLK 6 | 4950.0' | | 4950.0' | | | | | KATE SMARCH & G. R. BROWN - DEED NOT RECORDED | |
| 5 | G. R. BROWN | KIOWA, COLO. | LOTS 10, 11, 13, 14, 15 BLK 5 | 24750.0' | | 24750.0' | 110 | | | 100 | | |
| 6 | NELLIE V. & RICHARD TIFFT | KIOWA, COLO. | N 1/2 20-8-63 | 12.0 | 0.430 | 0.430 | 200 | | | | WITHIN CITY, SUBDIVIDED LIMIT | |
| 7 | ANNA GUTTORMSEN SCOTT | KIOWA, COLO. | LOTS 3 TO 12 INC. BLK 3 | 60000.0' | 4152.0' | 4158.0' | 40 | | | | TRUST DEED, GUSTAV HINSHAW | |
| 8 | BERTHA DIETEMAN & MARION ALBERTA HINSHAW | KIOWA, COLO. | LOTS 1 & 2 BLK 3 | 13200.0' | 832.0' | 832.0' | 20 | | | | | |
| EASEMENT | | | | | | | | | | | | |
| | FRANCES K. & FORIST WOODARD | KIOWA, COLO. | NW 1/4 20-8-63 | | 1.240 | | | | | | AGREEMENT SIGNED BY OWNER & ERNEST MONTGOMERY, 14 AUG. 46 | |
| | NELLIE V. & RICHARD TIFFT | KIOWA, COLO. | NW 1/4 20-8-63 | | 13.920 | | | | | | AGREEMENT SIGNED BY OWNER & ERNEST MONTGOMERY, 13 AUG. 46 | |
| | <p>Note: All Subdivisions referred to in this tabulation are in the Original Town of Kiowa, Colorado.</p> | | | | | | | | | | | |

| FFD. ROAD DIST. NO. | STATE | PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-----------|--------------|
| 3 | COLO. | S 6(3) | 3A | |

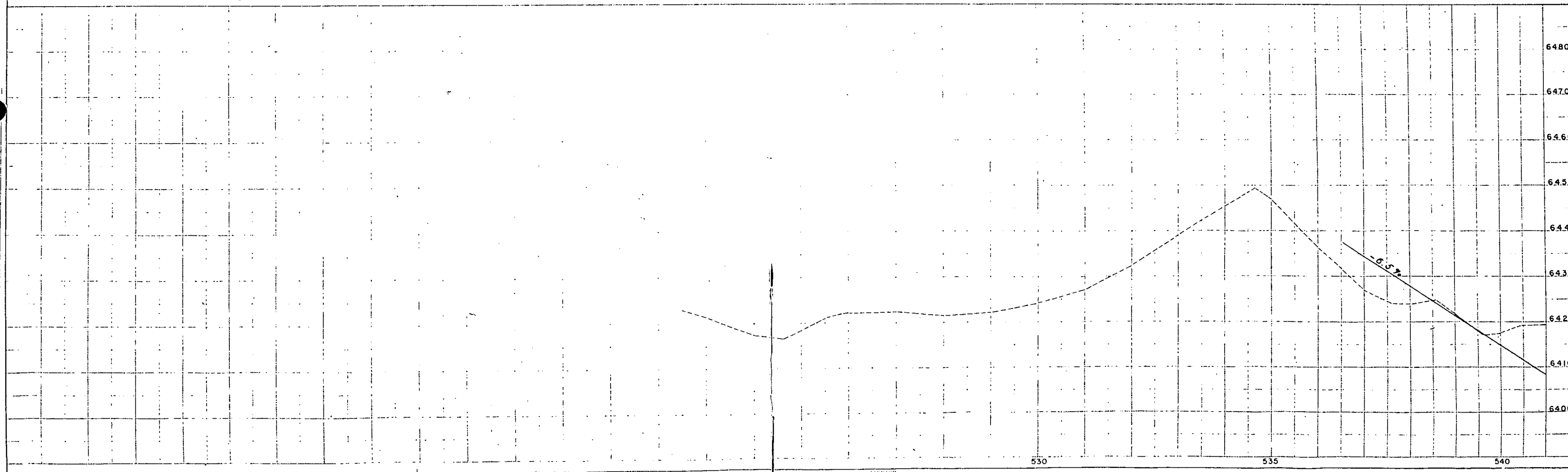
THIS SHEET ADDED -10-31-46 C.J.W.

SW 1/4 SEC.17 TWP8S R63W



PARCEL NO.1
BERTHA DIETEMAN &
MARION ALBERTA HINSHAW
KIOWA, COLO.

18 17
19 20

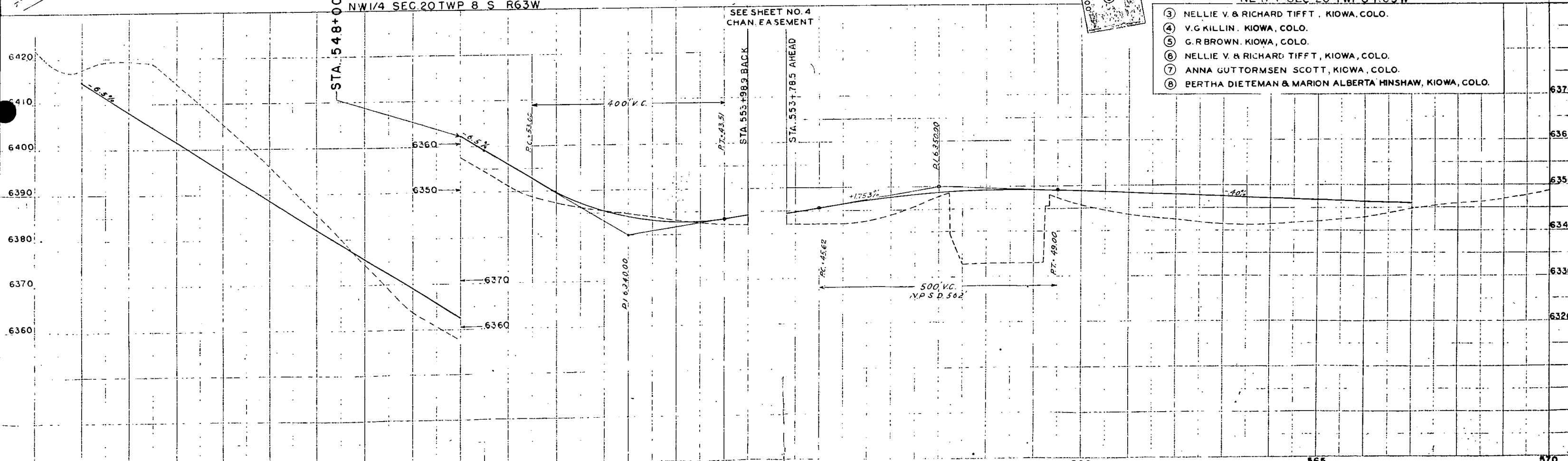
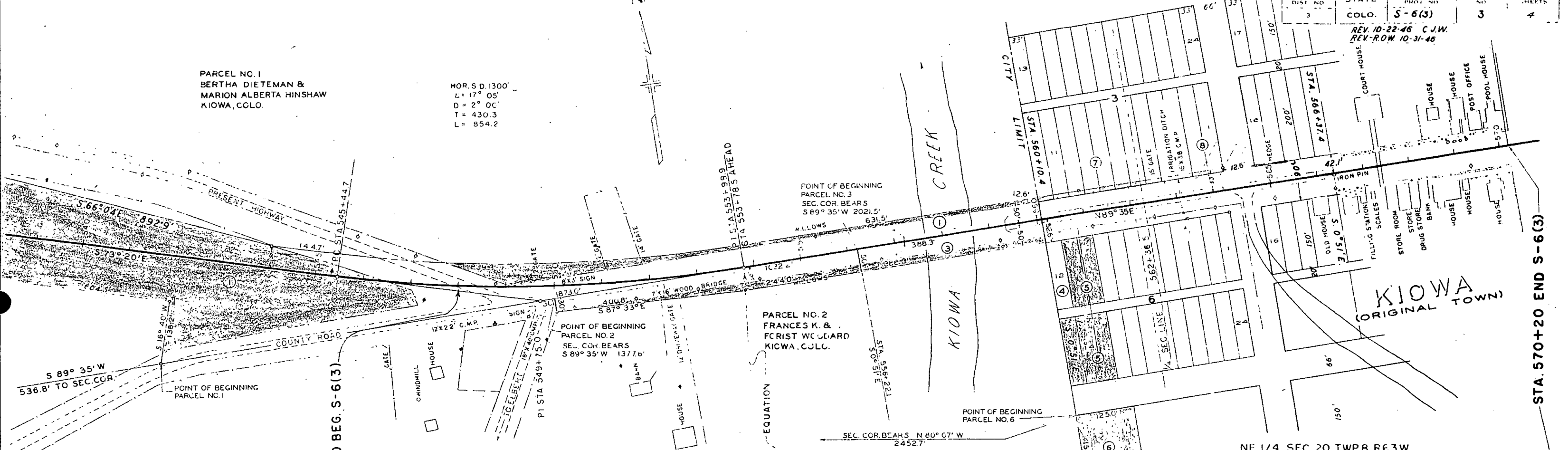


UNIVERSITY OF COLORADO
ENGINEERING DEPARTMENT

| | | | | |
|----------------------|-------|-----------|-------|--------------|
| FED. ROAD DIST. NO. | STATE | PROJ. NO. | SHEET | TOTAL SHEETS |
| 3 | COLO. | S-6(3) | 3 | 4 |
| REV. 10-22-46 C.J.W. | | | | |
| REV. ROW 10-31-46 | | | | |

PARCEL NO. 1
BERTHA DIETEMAN &
MARION ALBERTA HINSHAW
KIOWA, COLO.

HOR. S.D. 1300'
L = 17° 05'
D = 2° 00'
T = 430.3
L = 854.2



- NE 1/4 SEC. 20 TWP 8 S R63W
- ③ NELLIE V. & RICHARD TIFFT, KIOWA, COLO.
 - ④ V.G. KILLIN, KIOWA, COLO.
 - ⑤ G. R. BROWN, KIOWA, COLO.
 - ⑥ NELLIE V. & RICHARD TIFFT, KIOWA, COLO.
 - ⑦ ANNA GUTTORMSEN SCOTT, KIOWA, COLO.
 - ⑧ BERTHA DIETEMAN & MARION ALBERTA HINSHAW, KIOWA, COLO.

STA. 570+20 END S-6(3)

KIOWA
(ORIGINAL TOWN)

SEE SHEET NO. 4
CHAN. EASEMENT

LIST OF STRUCTURES

| STATION | DESCRIPTION | REMOVE STRUCT. NO. | EXCAVATION | | | STRUCTURAL EXCAV. | | | MECH. TAMP. PER HR. | SELECT BACK FILL CU. YDS. | GRAVEL OR CR. ROCK SURF. TONS | CONCRETE CU. YDS. | | REINF. STEEL LBS. | CORR. METAL CULVERT PIPE LIN. FT. | | | | | METAL APRONS FOR C.M.P. CULVERTS EACH | | MISCELLANEOUS |
|--------------------------------------|--|--------------------|------------------|------------------|------------------------|-------------------|--|--|---------------------|---------------------------|-------------------------------|-------------------|--------|-------------------|-----------------------------------|-----|-----|-----|--|---------------------------------------|--|--|
| | | | UNCLAS. CU. YDS. | | UNCLAS. DITCH CU. YDS. | CU. YDS. | | | | | | CL."A" | CL."B" | | 18" | 24" | 24" | 24" | | | | |
| | | | EXCAV. | EMB. | | φ | | | | | | | | | | | | | | | | |
| 548+00 548+00 548+50 549+75 | Project Marker & Approach to Project Cross Culvert and I-Type "A" Hdwl. Road Approach Rt. Side Drain & Road Approach Rt. Remove 18x40 C.M.P. Rt. | 1 | | 175 | | 10 | | | 24 | 80 | | 165 | | | 60 | | | | | 1 | | I-Project Marker |
| 549+75 552+00 552+20 | Road Approach Lt. Road Approach Lt. Side Drain & Road Approach Rt. Remove Wood Bridge on Rt. (7x16') | 1 | 10 | 150 | | 5 | | | | 10 10 10 | | | | | 32 | | | | | | | |
| 557+06.5 to 559+10 | Bridge & Channel Improvement (Details on Sheets No. 4-T). Remove present Bridge. | | | | | | | | | | | | | | | | | | | | | |
| 562+50 563+08 | Road Approach Lt. Cross Culvert. Remove 15x38 C.M.P. | 1 | | 260 | | 30 | | | 29 | 10 | | | | | 80 | | | | | 2 | | |
| 564+00 564+50 566+78 567+39 | Road Approach Lt. Side Drain & Road Approach Rt. Side Drain, Inlet Ditch & Road Approach Rt. Remove Cross Walk. | | | 460 320 56 | 6 | 4 15 | | | | 10 10 10 | | | | | 52 | 80 | | | | | | Remove 444 sq. ft. of Concrete Sidewalk. |
| TOTAL OUTSIDE KIOWA | | 2 | 24 | 610 | | 20 | | | 24 | 150 | | 165 | | | 74 | 60 | | | | 1 | | |
| TOTAL INSIDE KIOWA | | 1 | | 1096 | 6 | 49 | | | 29 | 40 | | | | | 52 | 160 | | | | 2 | | |

φ Structural Excavation is estimated to be 80% Common and 20% Rock, each of which is estimated to be 80% dry and 20% Wet.

SURFACING PLAN

It is estimated that material for Gravel Surfacing for the Project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

No alteration of the Surfacing Plan as here outlined will be allowed without written permission from the Department.

| MATERIAL TO BE PLACED | SOURCE | AVAILABLE | QUANTITY | | OVERHAUL TON MILE |
|--------------------------------------|----------------------------------|-----------|------------|---------------|-------------------|
| | | | TOP COURSE | BOTTOM COURSE | |
| | | | TONS USED | TONS USED | |
| 548+00 to 553+98.9 Equation | 0.7 Miles North of Sta. 556+50 | Ample | 180 | 390 | Free |
| 553+78.5 to 557+06.5 Bridge Widening | N.W. 1/4 Sec. 17, T 8 S, R 63 W. | | 99 | 214 | " |
| 559+10 to 560+15 Road Approachs | | | 7 | 15 | " |
| | | | 32 | 69 | " |
| | | | 150 | | |
| 560+15 to 570+20 Bridge Widening | | | 301 | 653 | " |
| Road Approachs | | | 2 | 4 | " |
| | | | 40 | | " |
| TOTAL OUTSIDE KIOWA | | | 468 | 688 | |
| TOTAL INSIDE KIOWA | | | 343 | 657 | |

SELECT MATERIAL

It is estimated that Selected Material for the Project is available in the vicinity of the pits indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

No alteration of the Selected Material Plan as here outlined will be allowed without written permission from the Department.

| MATERIAL TO BE PLACED | SOURCE | QUANTITY | | OVERHAUL TON MILE | |
|--------------------------------------|--|-----------|-----|-------------------|------|
| | | THICKNESS | | | |
| | | T | t | | |
| 548+00 to 553+98.9 Equation | Lt. & Rt. of Sta. 558+00 (Channel Improve't) | 12" | 12" | 1360 | Free |
| 553+78.5 to 557+06.5 Bridge Widening | | 12" | 12" | 745 | " |
| 559+10 to 560+15 | | 12" | 12" | 38 | " |
| | | 12" | 12" | 239 | " |
| 560+15 to 570+20 Bridge Widening | | | | 2281 | " |
| | | | | 19 | " |
| TOTAL OUTSIDE KIOWA | | | | 2382 | |
| TOTAL INSIDE KIOWA | | | | 2300 | |

R.O.W. MARKERS

| STATION | SIDE | NO. |
|---------------------|------|-----|
| 548+00 | Lt. | 1 |
| 550+00 | Rt. | 1 |
| 553+98.9 | Rt. | 1 |
| 560+15 | Lt. | 1 |
| 560+15 | Rt. | 2 |
| 564+00 | Lt. | 7 |
| TOTAL OUTSIDE KIOWA | | 3 |
| TOTAL INSIDE KIOWA | | 4 |

FENCING REQUIREMENTS

| STATION | SIDE | REMOVE FENCE LIN. FT. | BUILD B.W. FENCE LIN. FT. | GATES NO. | |
|---------------------|------|-----------------------|---------------------------|-----------|------------------|
| | | | | B.W. | REMOVE AND RESET |
| | | | | | |
| 548+00 to 557+06.5 | Lt. | 1030 | 920 | 1 | |
| 549+75 | Lt. | | | | |
| 550+00 to 557+06.5 | Rt. | 770 | 750 | 1 | |
| 552+00 | Lt. | | | | 1 |
| 552+20 | Rt. | | | | |
| 559+10 to 560+15 | Lt. | 110 | 110 | | |
| 559+10 to 560+15 | Rt. | 80 | 110 | | |
| 560+15 to 563+60 | Lt. | 370 | 350 | | |
| 560+15 to 564+35 | Rt. | 470 | 420 | 1 | |
| 562+50 | Lt. | | | | 1 |
| TOTAL OUTSIDE KIOWA | | 1990 | 1890 | 2 | 1 |

TIMBER GUARD POSTS

| STATION | SIDE | SPACING | NO. |
|-----------------------|-----------|---------|-----|
| 548+00 | Rt. & Lt. | Culvert | 2 |
| 548+00 to 550+00 | Rt. | 50 Ft. | 4 |
| 556+ to 560+ | Rt. & Lt. | Bridge | 20 |
| TOTAL (OUTSIDE KIOWA) | | | 26 |