

**LEGALIZATION REPORT**

**SOUTH ASH ROAD  
COUNTY ROAD #1183**

**STAGE GULCH ROAD  
COUNTY ROAD #1186**

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**UMATILLA COUNTY  
DEPARTMENT OF PUBLIC  
WORKS**

**JUNE, 2004**

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# **SOUTH ASH ROAD AND STAGE GULCH ROAD LEGALIZATION REPORT**

## **HISTORY**

South Ash Road was originally established in 1908 as County Road No. 655. It began in the southwest  $\frac{1}{4}$  of Section 9 in Township 3 North, Range 29 East in the center of an existing road (near the present location of Thielson Road) approximately 10 chains northeast of where the existing road crossed the Furnish Ditch. It then ran northeasterly to the center of Section 9 and then north along the center of Sections 9 and 4 in Township 3 North and the north along the center of Section 33 in Township 4 North to the center of the section (the present-day intersection of North Ash Road, Harding Avenue, and North Loop Road).

Stage Gulch Road was originally established as County Road No. 725 in 1911. It began on the township line between Townships 3 and 4 North, Range 29 East at the southwest corner of Section 33 in Township 4 North (present-day intersection of South Edwards and Stage Gulch Roads) and ran easterly along the township line for approximately  $4\frac{1}{2}$  miles. Both roads were established at a 40-foot width.

## **GENERAL**

The bridge over the U. S. R. S. Feed Canal on South Ash Road near its intersection with Stage Gulch Road is scheduled for replacement in 2005 with H.B.R.R. funds. There is a possibility that additional right-of-way or slope easements will need to be obtained. Based on current section monumentation, the roads, fence lines, and utilities do not fit the section lines very well and Anderson-Perry has requested that Umatilla County legalize the existing roads so that they can determine whether the new bridge will fit within the existing 40-foot width.

Stage Gulch Road was surveyed from a point 730 feet east of South Edwards Road, where it fit the section line well, easterly to its intersection with South Ash Road and from South Ash Road easterly for  $\frac{1}{2}$  mile to the southeast corner of Section 33, where it also fit the section line well. There is no record of when the road was re-aligned to follow the Feed Canal west of South Ash Road. This portion of the road right-of-way overlaps the canal right-of-way to some extent but the overlap is covered by the 1991 reciprocal crossing agreement between Umatilla County and the Bureau of Reclamation.

South Ash Road was surveyed from its intersection with Coe Avenue, Bartley Road, and North Loop Road south for 0.6 mile to the Furnish Ditch. At the north end, the road fit the center-of-section line well, but it appears that Bartley Road and Coe Avenue will need some attention at a future date. At the south end, the survey was terminated at the Furnish Ditch when it became apparent that the remainder of the road to Interstate 84 will need to be legalized at a future date.

## IMPACTS TO UTILITIES AND PROPERTY OWNERS

Existing utilities include overhead power lines (PP&L) and buried telephone lines. Legalizing the roads would include the utilities within the right-of-way. There are several fences along the roads which would be very close to the right-of-way lines if the roads were legalized. No negative impacts from legalizing the roads to utilities or adjacent property owners are anticipated. Not legalizing the roads could cause future problems, especially if property ownerships change.

## STATUTES

ORS 368.201(3) provides a basis for a county governing body to initiate proceedings to legalize a road if the road as traveled and used for 10 years or more does not conform to the location of a road described in the county records.

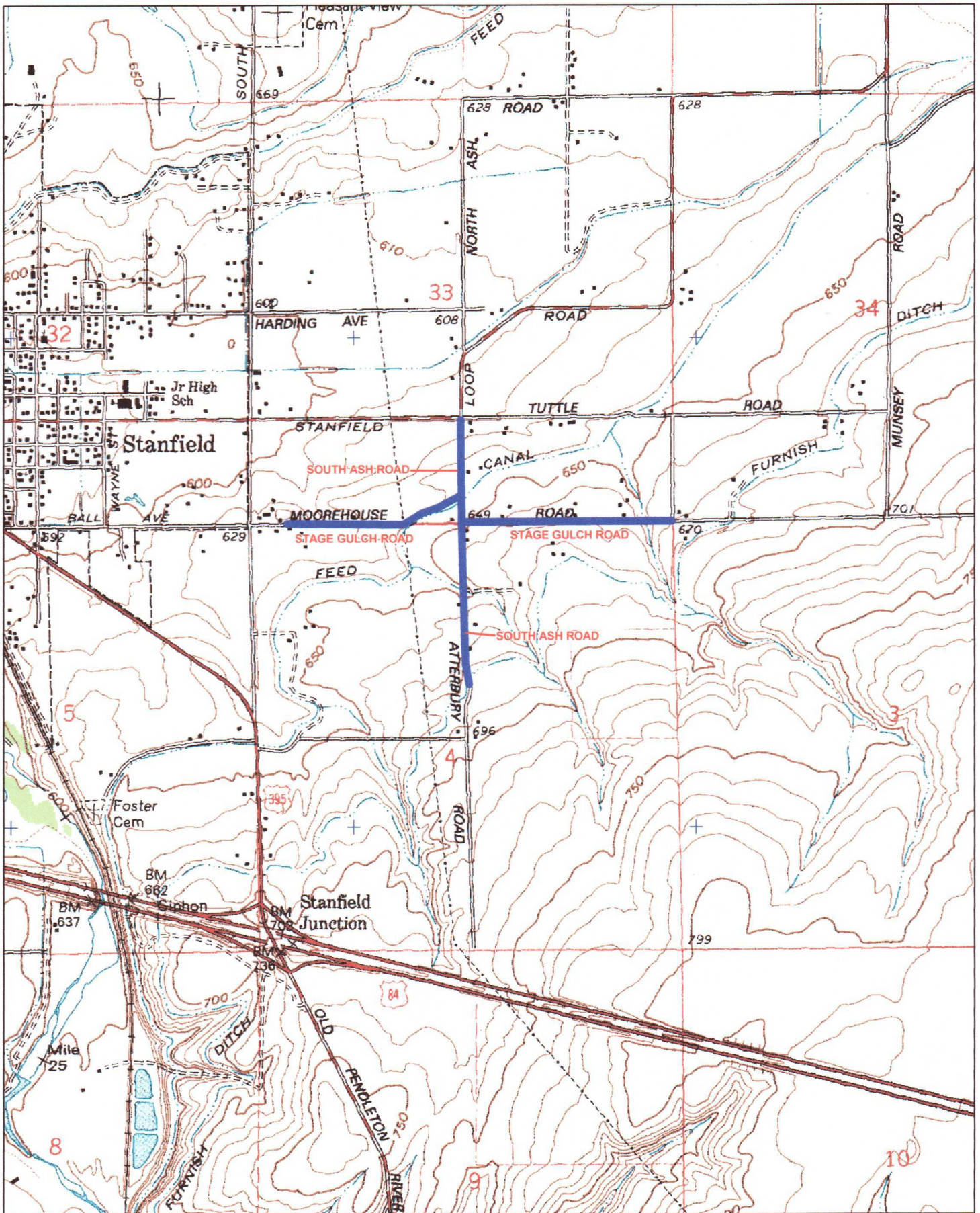
## RECOMMENDATION

The Public Works Department recommends that County Road No. 1183, South Ash Road, and County Road No. 1186, Stage Gulch Road, both located in Section 33, Township 4 North, Range 29 E.W.M., and Section 4, Township 3 North, Range 29 E.W.M., be legalized at a width of 40 feet as shown on the attached survey map and as described in the final order.



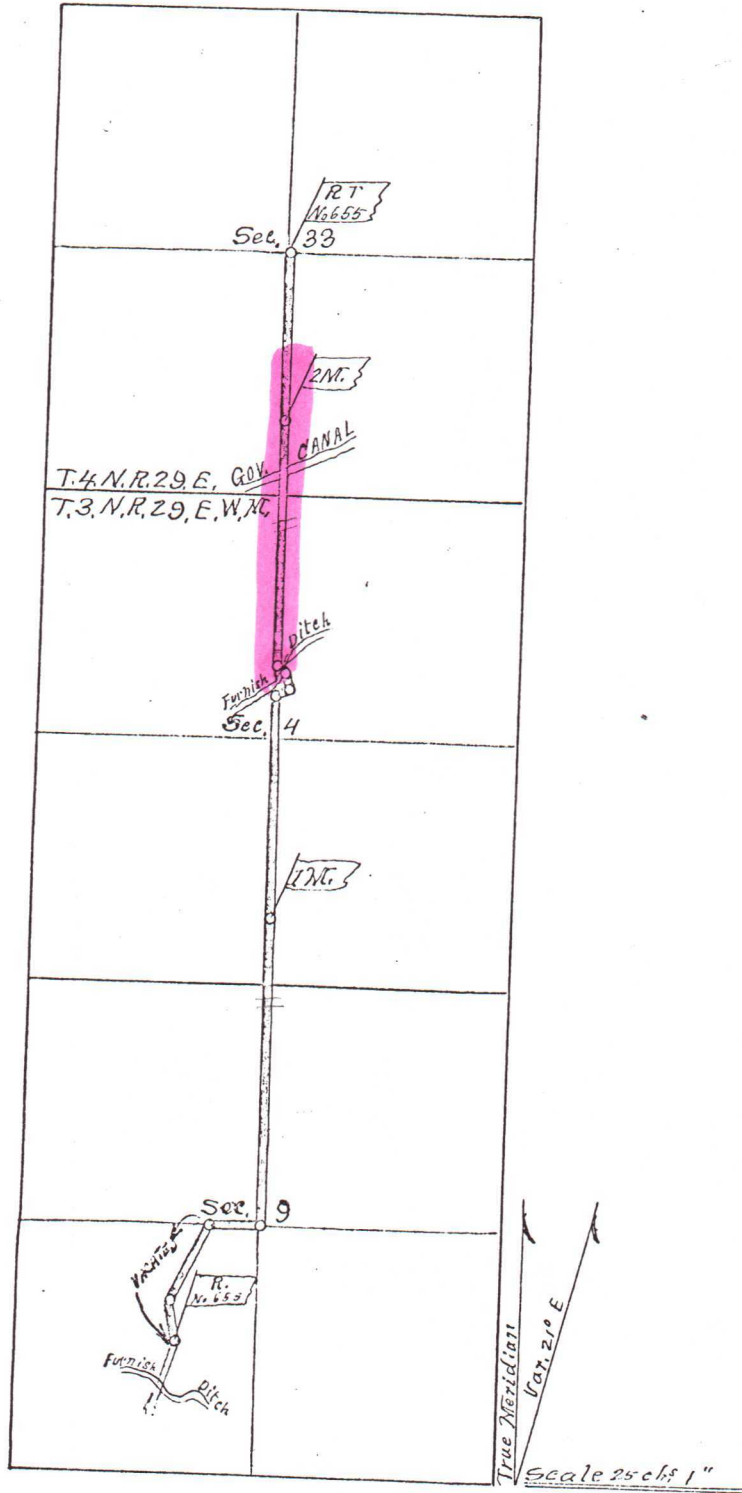








Part of Road No. 655



655

Field No. , Board No. 655-

Commencing at a point North 1000 distant from  
 where the county road crosses the Furnish ditch in  
 the S E 1/4 of the SW 1/4 of Sec 9 in T3N R29 E W 100  
 set post 20' East marked B 655-

|                    |      |         |                               |     |
|--------------------|------|---------|-------------------------------|-----|
| Thence N 13° 15' W | 795  | chain's |                               | A 1 |
| " N 27° E          | 1370 | "       | 21.65 dist.                   | A 2 |
| " East             | 750  | "       | 2915 " center Sec 9           | A 3 |
| " North            | 3200 | "       | 6115 gulch course "           |     |
|                    | 3907 |         | 6822 1/4 Cor. lot No 439      |     |
|                    | 1178 |         | 8000 1 mile set Post 20' East |     |

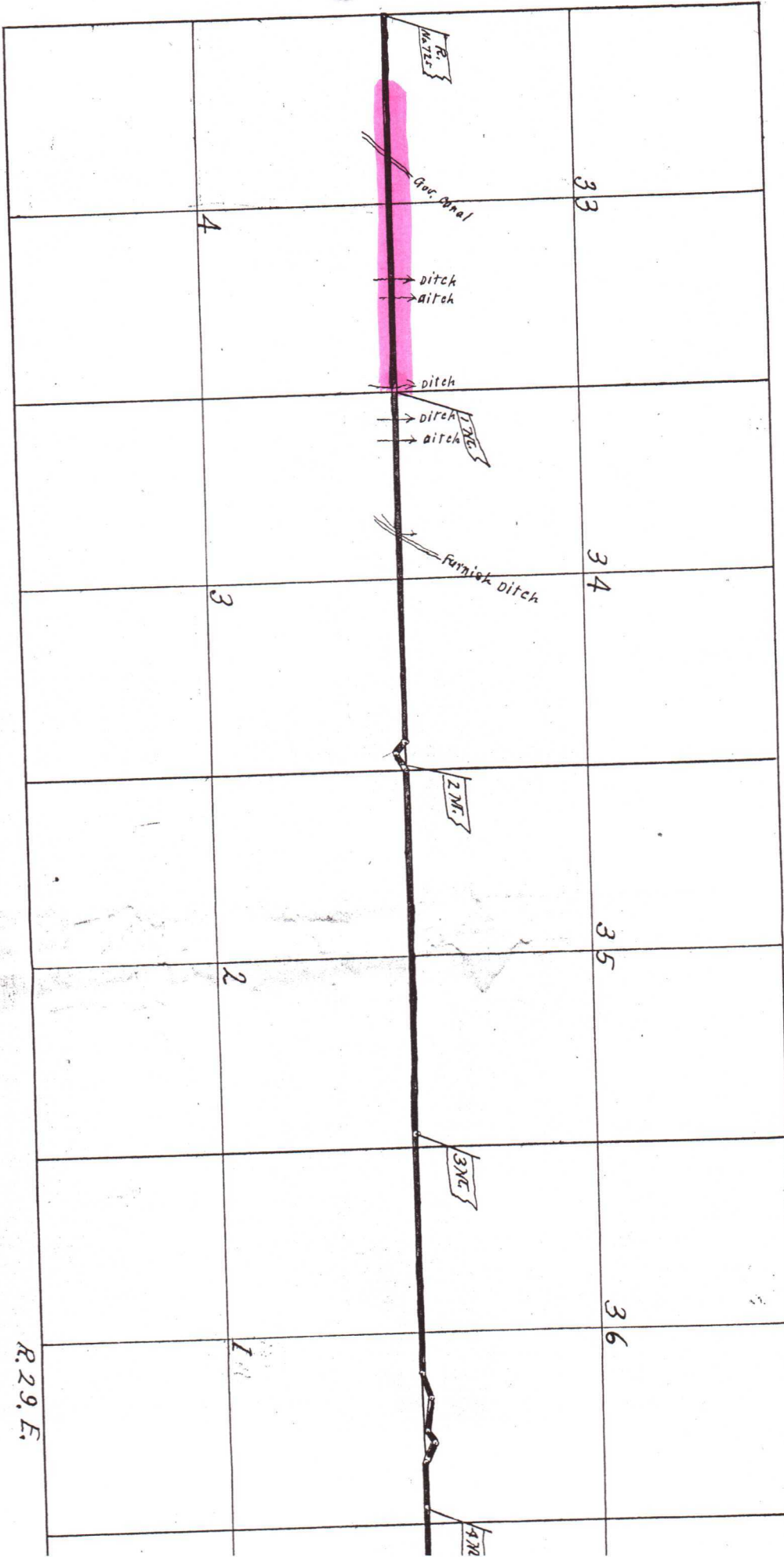
of point - Marked 1.M.  
 Thence North 3600 A 4  
 Thence N 53° 30' E 100 3700 A 5-  
 " N 7° 15' W 245 3945 A 6  
 " N 31° W. 85 cross Furnish ditch 30' across 4030 A 7  
 " North 2800 6830 1/4 pro cor. lot No 433  
 420 7250 government ditch 66' wide  
 266 75-16 small ditch E. Sec 9, T3N  
 484 8000 set Post 20 feet

to the right marked 2.M.  
 Thence North 2830 center of Sec 33 set Post marked B 655-  
 I hereby certify that the foregoing field notes of  
 Board No. 655- are correct-

John W. Toimbell County Surveyor  
 for Wasilla County Oregon



Part of Road No. 125  
T. 3 and 4 N. Ranges 29 and 30. E. W. N.



Field Notes of Road No,725

Commencing at the S,W,Corner of Section 33,T,4,N,R,29,E,W,M, I set a post 4x4 inches square 3,1/2 feet long 18 inches in the ground 30 feet N,E,of the initial point marked R,No,725 raised mound of earth 18 inches high 4 ft,square,

Thence East, 30,00 Government feed Canal 30 feet wide course N,E, 100.  
 56,00 irrigation ditch 12 inches wide .. N, 15  
 60,50 .. .. 12 .. .. .. N, 15  
 75,00 dry gulch .. .. .. N,W, 30  
 79,25 irrigation ditch 2 feet wide course North,  
 80,00 I set post 4x4 inches sqr, 18 inches in the

ground 20 ft,to the S,W,30 ft,marked 1,M,and raised mound of earth 18 inches high and 4 ft,square , S,E,Corner of Sec,33,T,4,N,R,29,E,W,M,

Thence East, 5,60 chs, irrigation ditch 12 inches wide course North, 15  
 10,00 .. .. .. 12 .. .. .. 15  
 30,00 .. Furnish irrigation ditch 12 feet wide course N, 80  
 74,00 .. .. .. A,1 240

.. S,50°30'E, 3,29 .. 77,29 dist, .....A,2

.. N,59°E, 2,71 .. 80,00 set post 4x4 inches square 18 inches in the ground 20 feet to the left, marked 2,M,raised mound of earth 18 inches high 4 ft,square.

Thence N,59°E, 1,29 chs, the S,E,corner of Sec,34,T,4,N,R,29,E,W,M,A,3

.. East, 78.71 .. 80,00 set post 4x4 inches square 18 inches in the ground 20 ft,to the left marked 3,M, raised mound of earth,18 inches high 4 feet square,

Thence East, 1,29 the S,E,corner of Sec,35,T,4,N,R,29,E,W,M,

.. ,, 48,00 chs, 49,29 dist, .....A,4

.. N,75°30'E,5,57 .. 54,86 .. ..... A,5

.. S,80° E,7,60 .. 62,46 .. ..... A,6

.. N,62° E,2,53 .. 64,99 .. ..... A,7

.. S,54° E,5,70 .. 70,69 .. .....A,8

.. East, 9,31 .. 80,00 set post 4x4 inches square 3,1/2 feet long 18 inches in the ground 20 ft,to the right marked 4,M, raised mound of earth 18 inches high 4 ft,square.

Thence East 20,00 dist, ..... A,9

.. S,73° E,3,70 .. 23,70 .....A,10



Thence N, 82°30'E, 4,06 .. 27,76 dist, .....A, 11  
..East, N. 15,00 .. 42,76 .. Stage gulch 20 ft, wide course N  
19,83 .. 47,59 .. R, T, set post 4x4 inches sqr,  
3, 1/2 ft, long 18 inches in the ground, marked R, T, No, 725 and raised  
mound of earth 18 inches high 4 ft, sqr,

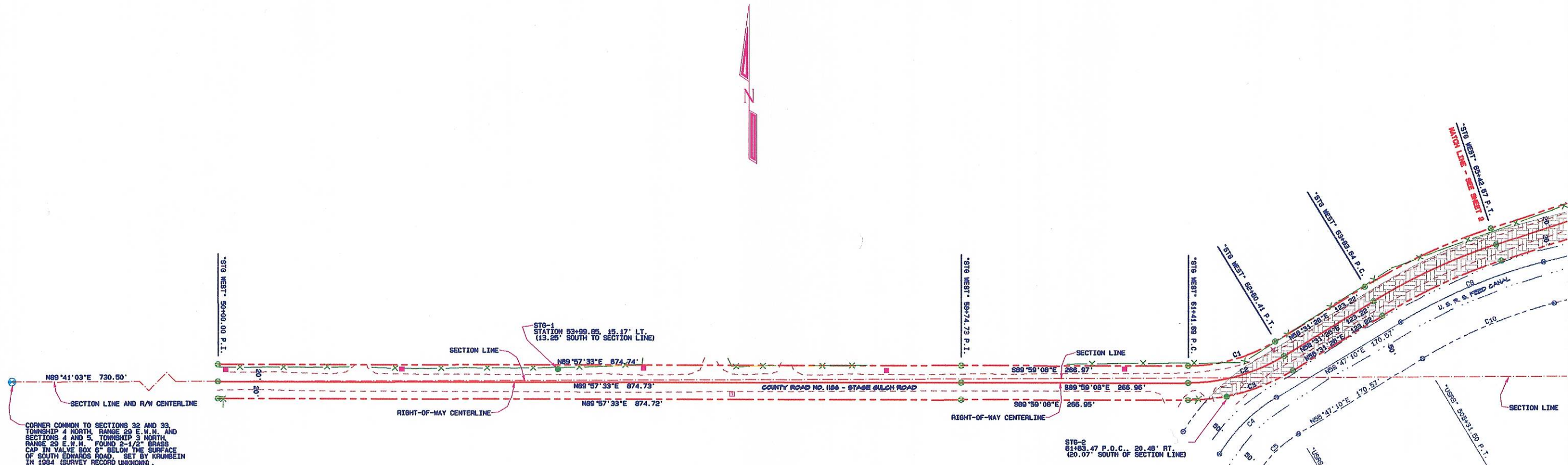
I hereby certify that the foregoing field notes of Road No, 725 are  
correct as Surveyed by me on the 14 th day of August 1911

Geary Kimbrell County Surveyor,

by, *John W. Kimbrell* .....Deputy.

# STAGE GULCH ROAD/SOUTH ASH ROAD LEGALIZATION SURVEY

NOTE: FOR SECTION LINE DETAILS AND NARRATIVE, SEE SHEET 5



CORNER COMMON TO SECTIONS 32 AND 33, TOWNSHIP 4 NORTH, RANGE 29 E.W.M. AND SECTIONS 4 AND 5, TOWNSHIP 3 NORTH, RANGE 29 E.W.M. FOUND 2-1/2" BRASS CAP IN VALVE BOX 6" BELOW THE SURFACE OF SOUTH EDWARDS ROAD SET BY KRUMBEIN IN 1984 (SURVEY RECORD UNKNOWN). A 2-1/2" BRASS CAP WITNESS CORNER SET BY EDWARDS IN 1974 BEARS N43°03'03"W 39.01'; A 2-1/2" BRASS CAP WITNESS CORNER SET BY EDWARDS IN 1974 BEARS S32°40'59"W 35.06 FEET (NO RECORD FOUND FOR THE WITNESS CORNERS).

**LEGEND**

- FOUND SECTION MONUMENT AS NOTED
- FOUND 5/8" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UMA.CO.R.D. ... LS2627" SET IN SURVEY R-2
- SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UCPMD...LS2627"
- ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
- POWER POLE
- ⋯ GUY WIRE AND ANCHOR
- TELEPHONE PEDESTAL
- ⋈ IRRIGATION RISER
- CANAL R/W LINE
- ROAD R/W LINE
- ROAD CENTERLINE
- CANAL CENTERLINE
- × × FENCE
- EDGE OF WATER
- SECTION OR SECTION SUBDIVISION LINE
- EDGE OF ROAD

- SURVEY RECORDS**
- R-1 REMONUMENTATION SURVEY FOR UMATILLA COUNTY BY EDWARDS, SURVEY NO. 95-60-B
  - R-2 SECTION 33 SUBDIVISION SURVEY FOR UMATILLA COUNTY BY ROBERTS, SURVEY NO. 95-70-C
  - R-3 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 98-155-C
  - R-4 GPS SURVEY FOR UMATILLA COUNTY BY BRIT PRIM, SURVEY NO. 02-49-6
  - R-5 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 02-169-6

**OREGON STATE PLANE COORDINATES**  
NAD '83 (91) - INTERNATIONAL FEET

| POINT DESCRIPTION           | NORTHING    | EASTING            |
|-----------------------------|-------------|--------------------|
| *STG WEST* 50+00.00 P.I. CL | 772,052.46  | 8,533,228.04       |
| *STG WEST* 58+74.73 P.I. CL | 772,067.21  | 8,534,102.57       |
| *STG WEST* 61+41.69 P.C. CL | 772,071.45  | 8,534,369.48       |
| *STG WEST* 62+60.41 P.T. CL | 772,105.05  | 8,534,481.79       |
| *STG WEST* 63+83.64 P.C. CL | 772,171.08  | 8,534,585.82       |
| *STG WEST* 65+42.67 P.T. CL | 772,240.13  | 8,534,728.67       |
| *USRS* 505+31.50 P.T. CL    | 772,147.01  | 8,534,618.05       |
| *USRS* 507+02.07 P.C. CL    | 772,056.27  | 8,534,473.62       |
| *USRS* 507+97.18 P.O.C. CL  | 771,988.82  | 8,534,407.85       |
| STG-1                       | 772,074.37  | 8,533,627.54       |
| STG-2                       | 772,056.11  | 8,534,415.18       |
| NW CORNER SECTION 4         | 772,036.63  | 8,532,497.77       |
|                             | (772,036.43 | 8,532,497.59, R-4) |

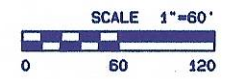
**TRAVERSE LINE DATA**

| POINT I.D.                 | BEARING     | DISTANCE |
|----------------------------|-------------|----------|
| NORTHWEST CORNER SECTION 4 |             |          |
| STG-1                      | N89°00'45"E | 1130.50' |
| STG-2                      | S87°44'48"E | 787.91'  |
| STG-4                      | N63°09'10"E | 672.25'  |

**CURVE TABLE**

| CURVE NO. | DELTA     | RADIUS  | ARC LENGTH | CHORD BEARING | CHORD LENGTH |
|-----------|-----------|---------|------------|---------------|--------------|
| C1        | 31°29'26" | 196.02' | 107.73'    | N74°16'09"E   | 106.38'      |
| C2        | 31°29'26" | 216.02' | 118.73'    | N74°16'09"E   | 117.24'      |
| C3        | 31°29'26" | 236.02' | 129.72'    | N74°16'09"E   | 128.09'      |
| C4        | 27°09'57" | 200.80' | 95.11'     | N45°12'12"E   | 94.22'       |
| C5        | 27°09'57" | 150.80' | 71.40'     | N45°12'12"E   | 70.73'       |
| C6        | 13°12'24" | 709.93' | 163.64'    | N65°07'38"E   | 163.28'      |
| C7        | 13°12'24" | 689.93' | 159.03'    | N65°07'38"E   | 158.68'      |
| C8        | 13°12'24" | 689.93' | 154.42'    | N65°07'38"E   | 154.08'      |
| C9        | 16°39'04" | 630.01' | 183.09'    | N67°06'42"E   | 182.45'      |
| C10       | 16°39'04" | 580.01' | 168.55'    | N67°06'42"E   | 167.97'      |

NOTE: AREAS SHADED THIS REPRESENT OVERLAP BETWEEN FEED CANAL RIGHT-OF-WAY AND ROAD RIGHT-OF-WAY



REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON  
JULY 20, 1993  
GARY H. ROBERTS  
2627  
RENEWS 12/31/2004

UMATILLA COUNTY ROAD DEPARTMENT  
3920 WESTGATE  
PENDLETON, OREGON 97801  
PHONE 541/278-5424

LEGALIZATION SURVEY  
COUNTY ROAD NO. 1183 - SOUTH ASH ROAD  
COUNTY ROAD NO. 1186 - STAGE GULCH ROAD

LOCATED: SECTION 33, T. 4 NORTH, RANGE 29 E.W.M.  
SECTION 4, T. 3 NORTH, RANGE 29 E.W.M.

DATE OF SURVEY: MARCH, 2004 SHEET 1 OF 5



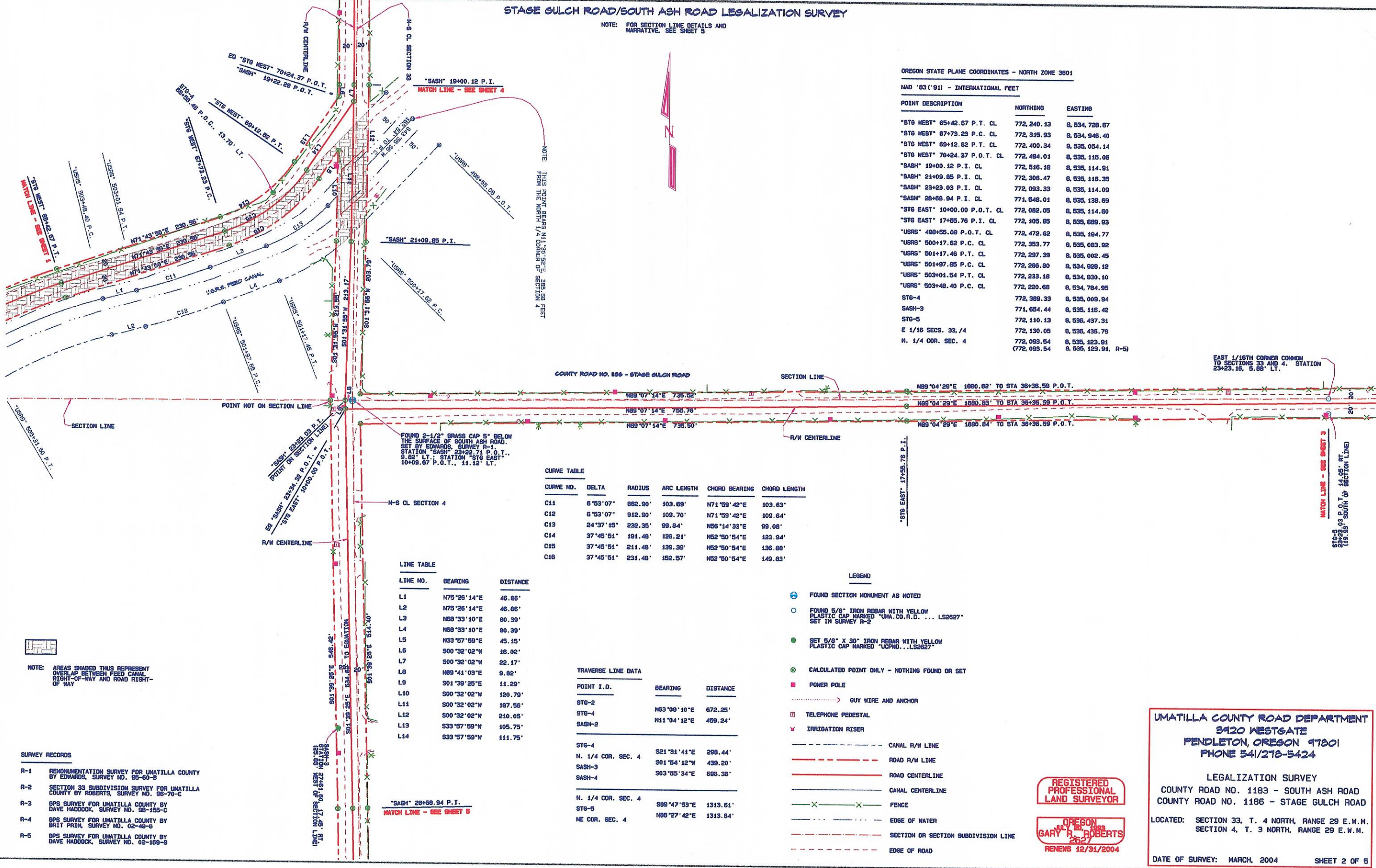
# STAGE GULCH ROAD/SOUTH ASH ROAD LEGALIZATION SURVEY

NOTE: FOR SECTION LINE DETAILS AND NARRATIVE, SEE SHEET 5

OREGON STATE PLANE COORDINATES - NORTH ZONE 3601

NAD '83 ('91) - INTERNATIONAL FEET

| POINT DESCRIPTION             | NORTHING    | EASTING            |
|-------------------------------|-------------|--------------------|
| "STG WEST" 65+42.67 P.T. CL   | 772,240.13  | 8,534,728.67       |
| "STG WEST" 67+73.23 P.C. CL   | 772,315.93  | 8,534,946.40       |
| "STG WEST" 69+12.62 P.T. CL   | 772,400.34  | 8,535,054.14       |
| "STG WEST" 70+24.37 P.O.T. CL | 772,484.01  | 8,535,115.06       |
| "SASH" 19+00.12 P.I. CL       | 772,516.18  | 8,535,114.91       |
| "SASH" 21+09.85 P.I. CL       | 772,306.47  | 8,535,116.35       |
| "SASH" 23+23.03 P.I. CL       | 772,093.33  | 8,535,114.09       |
| "SASH" 28+88.94 P.I. CL       | 771,548.01  | 8,535,138.69       |
| "STG EAST" 10+00.00 P.O.T. CL | 772,082.05  | 8,535,114.60       |
| "STG EAST" 17+55.76 P.I. CL   | 772,105.85  | 8,535,889.93       |
| "USRS" 498+55.08 P.O.T. CL    | 772,472.62  | 8,535,194.77       |
| "USRS" 500+17.62 P.C. CL      | 772,353.77  | 8,535,083.92       |
| "USRS" 501+17.46 P.T. CL      | 772,297.39  | 8,535,002.45       |
| "USRS" 501+97.85 P.C. CL      | 772,266.80  | 8,534,928.12       |
| "USRS" 503+01.54 P.T. CL      | 772,233.18  | 8,534,830.10       |
| "USRS" 503+48.40 P.C. CL      | 772,220.68  | 8,534,784.95       |
| STG-4                         | 772,369.33  | 8,535,009.94       |
| SASH-3                        | 771,654.44  | 8,535,116.42       |
| STG-5                         | 772,110.13  | 8,536,437.31       |
| E 1/16 SECS. 33, 1/4          | 772,130.05  | 8,536,436.79       |
| N. 1/4 COR. SEC. 4            | 772,093.54  | 8,535,123.91       |
|                               | (772,093.54 | 8,535,123.91, R-5) |



NOTE: THIS POINT BEARS N11°30'52"E, 395.88 FEET FROM THE NORTH 1/4 CORNER OF SECTION 4

COUNTY ROAD NO. 1186 - STAGE GULCH ROAD

SECTION LINE

N89°04'29"E 1690.82' TO STA 36+36.59 P.O.T.

N89°04'29"E 1690.83' TO STA 36+36.59 P.O.T.

N89°04'29"E 1690.84' TO STA 36+36.59 P.O.T.

EAST 1/16TH CORNER COMMON TO SECTIONS 33 AND 4. STATION 23+23.16, 5.88' LT.

FOUND 2-1/2" BRASS CAP 5" BELOW THE SURFACE OF SOUTH ASH ROAD. SET BY EDWARDS, SURVEY R-1. STATION "SASH" 23+22.71 P.O.T., 9.82' LT. STATION "STG EAST" 10+09.67 P.O.T., 11.12' LT.

**CURVE TABLE**

| CURVE NO. | DELTA     | RADIUS  | ARC LENGTH | CHORD BEARING | CHORD LENGTH |
|-----------|-----------|---------|------------|---------------|--------------|
| C11       | 6°53'07"  | 862.80' | 103.69'    | N71°59'42"E   | 103.63'      |
| C12       | 6°53'07"  | 912.90' | 109.70'    | N71°59'42"E   | 109.64'      |
| C13       | 24°37'15" | 232.35' | 99.84'     | N56°14'33"E   | 99.08'       |
| C14       | 37°45'51" | 191.48' | 126.21'    | N52°50'54"E   | 123.94'      |
| C15       | 37°45'51" | 211.48' | 139.39'    | N52°50'54"E   | 136.88'      |
| C16       | 37°45'51" | 231.48' | 152.57'    | N52°50'54"E   | 149.83'      |

**LINE TABLE**

| LINE NO. | BEARING     | DISTANCE |
|----------|-------------|----------|
| L1       | N75°25'14"E | 46.86'   |
| L2       | N75°25'14"E | 46.86'   |
| L3       | N88°33'10"E | 80.39'   |
| L4       | N88°33'10"E | 80.39'   |
| L5       | N33°57'59"E | 45.15'   |
| L6       | S00°32'02"W | 16.02'   |
| L7       | S00°32'02"W | 22.17'   |
| L8       | N89°41'03"E | 9.82'    |
| L9       | S01°39'25"E | 11.29'   |
| L10      | S00°32'02"W | 120.79'  |
| L11      | S00°32'02"W | 187.56'  |
| L12      | S00°32'02"W | 210.05'  |
| L13      | S33°57'59"W | 105.75'  |
| L14      | S33°57'59"W | 111.75'  |

**TRAVERSE LINE DATA**

| POINT I.D.         | BEARING     | DISTANCE |
|--------------------|-------------|----------|
| STG-2              | N63°09'10"E | 672.25'  |
| STG-4              | N11°04'12"E | 459.24'  |
| SASH-2             |             |          |
| STG-4              | S21°31'41"E | 288.44'  |
| N. 1/4 COR. SEC. 4 | S01°54'12"W | 439.20'  |
| SASH-3             |             |          |
| SASH-4             | S03°55'34"E | 688.38'  |
| N. 1/4 COR. SEC. 4 |             |          |
| STG-5              | S89°47'53"E | 1313.61' |
| NE COR. SEC. 4     | N89°27'42"E | 1313.64' |

**LEGEND**

- ⊕ FOUND SECTION MONUMENT AS NOTED
- FOUND 5/8" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UMA.CO.R.D. ... LS2627" SET IN SURVEY R-2
- SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UCPWD...LS2627"
- ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
- POWER POLE
- GUY WIRE AND ANCHOR
- TELEPHONE PEDESTAL
- ⋈ IRRIGATION RISER
- CANAL R/W LINE
- ROAD R/W LINE
- ROAD CENTERLINE
- CANAL CENTERLINE
- FENCE
- EDGE OF WATER
- SECTION OR SECTION SUBDIVISION LINE
- EDGE OF ROAD

NOTE: AREAS SHADED THUS REPRESENT OVERLAP BETWEEN FEED CANAL RIGHT-OF-WAY AND ROAD RIGHT-OF-WAY

- SURVEY RECORDS**
- R-1 REMONUMENTATION SURVEY FOR UMATILLA COUNTY BY EDWARDS, SURVEY NO. 55-50-B
  - R-2 SECTION 33 SUBDIVISION SURVEY FOR UMATILLA COUNTY BY ROBERTS, SURVEY NO. 98-70-C
  - R-3 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 98-155-C
  - R-4 GPS SURVEY FOR UMATILLA COUNTY BY BRIT PRIM, SURVEY NO. 02-49-B
  - R-5 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 02-189-B

**REGISTERED PROFESSIONAL LAND SURVEYOR**  
 JULY 20, 1988  
**GARY R. ROBERTS**  
 2627  
 RENEWS 12/31/2004

**UMATILLA COUNTY ROAD DEPARTMENT**  
 3920 WESTGATE  
 PENDLETON, OREGON 97801  
 PHONE 541/278-5424

LEGALIZATION SURVEY  
 COUNTY ROAD NO. 1183 - SOUTH ASH ROAD  
 COUNTY ROAD NO. 1186 - STAGE GULCH ROAD

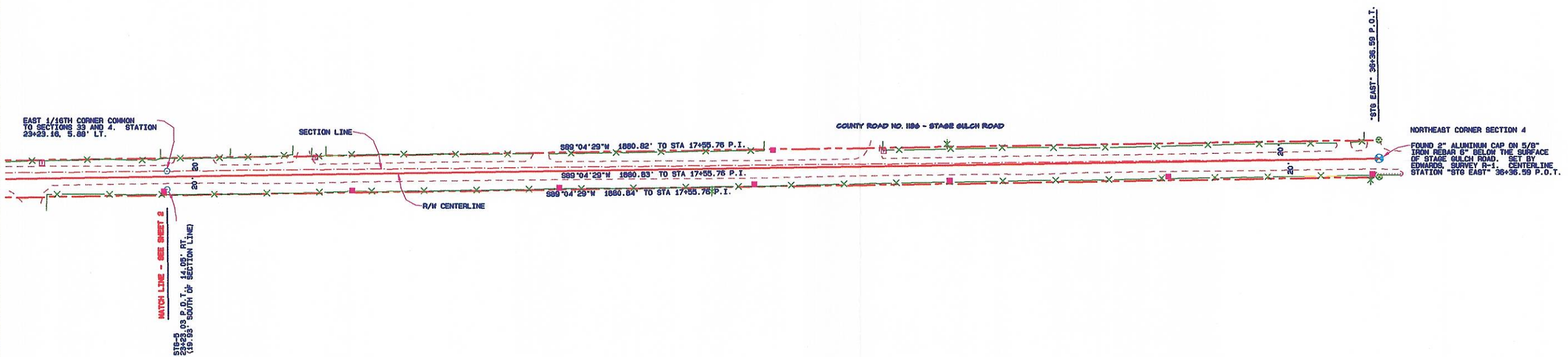
LOCATED: SECTION 33, T. 4 NORTH, RANGE 29 E.W.M.  
 SECTION 4, T. 3 NORTH, RANGE 29 E.W.M.

DATE OF SURVEY: MARCH, 2004 SHEET 2 OF 5



STAGE GULCH ROAD/SOUTH ASH ROAD LEGALIZATION SURVEY

NOTE: FOR SECTION LINE DETAILS AND NARRATIVE, SEE SHEET 5



FOUND 2" ALUMINUM CAP ON 5/8" IRON REBAR 6" BELOW THE SURFACE OF STAGE GULCH ROAD. SET BY EDWARDS, SURVEY R-1. CENTERLINE STATION "STG EAST" 36+36.99 P.O.T.

LEGEND

- ⊗ FOUND SECTION MONUMENT AS NOTED
- FOUND 5/8" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UMA.CO.R.D. ... LS2627" SET IN SURVEY R-2
- SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UCPHD...LS2627"
- ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
- POWER POLE
- ⋯ GUY WIRE AND ANCHOR
- TELEPHONE PEDESTAL
- ✕ IRRIGATION RISER

- CANAL R/W LINE
- ROAD R/W LINE
- ROAD CENTERLINE
- CANAL CENTERLINE
- ✕ FENCE
- EDGE OF WATER
- SECTION OR SECTION SUBDIVISION LINE
- EDGE OF ROAD

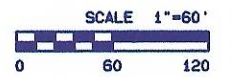
TRAVERSE LINE DATA

| POINT I.D.            | BEARING     | DISTANCE |
|-----------------------|-------------|----------|
| N. 1/4 COR. SECTION 4 | S89°47'53"E | 1313.61' |
| STG-5                 | N88°27'42"E | 1313.64' |
| NE COR. SEC. 4        |             |          |

OREGON STATE PLANE COORDINATES - NORTH ZONE 3601

NAD '83 ('94) - INTERNATIONAL FEET

| POINT DESCRIPTION   | NORTHING   | EASTING      |
|---------------------|------------|--------------|
| STG-5               | 772,110.13 | 8,536,437.31 |
| E 1/16 SECS. 33, /4 | 772,130.05 | 8,536,436.79 |
| NE COR. SEC. 4      | 772,166.99 | 8,537,749.62 |



SURVEY RECORDS

- R-1 REMONUMENTATION SURVEY FOR UMATILLA COUNTY BY EDWARDS, SURVEY NO. 95-60-B
- R-2 SECTION 33 SUBDIVISION SURVEY FOR UMATILLA COUNTY BY ROBERTS, SURVEY NO. 96-70-C
- R-3 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 98-155-C
- R-4 GPS SURVEY FOR UMATILLA COUNTY BY BRIT PRIM, SURVEY NO. 02-49-6
- R-5 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 02-169-6

REGISTERED PROFESSIONAL LAND SURVEYOR  
 JULY 20, 1993  
 GARY R. ROBERTS  
 2527  
 RENEWS 12/31/2004

UMATILLA COUNTY ROAD DEPARTMENT  
 3920 WESTGATE  
 FENDLETON, OREGON 97801  
 PHONE 541/278-3424

LEGALIZATION SURVEY  
 COUNTY ROAD NO. 1183 - SOUTH ASH ROAD  
 COUNTY ROAD NO. 1186 - STAGE GULCH ROAD

LOCATED: SECTION 33, T. 4 NORTH, RANGE 29 E.W.M.  
 SECTION 4, T. 3 NORTH, RANGE 29 E.W.M.

DATE OF SURVEY: MARCH, 2004 SHEET 3 OF 5



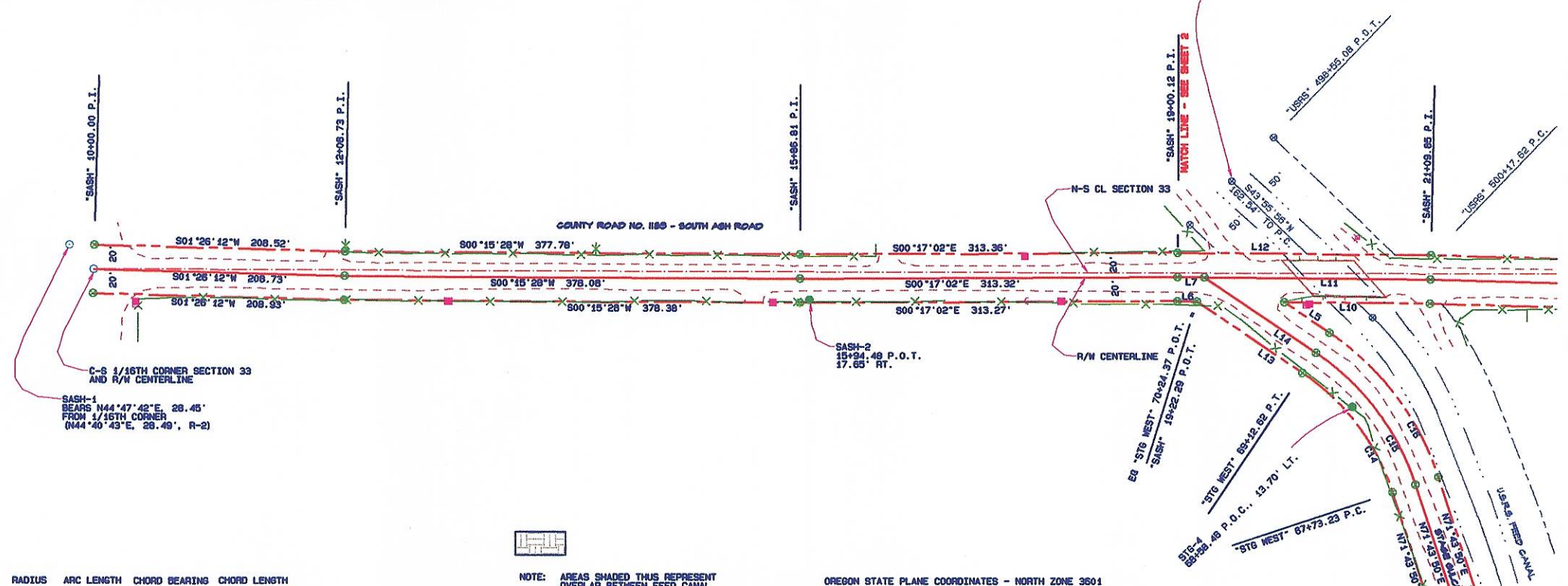
STAGE GULCH ROAD/SOUTH ASH ROAD LEGALIZATION SURVEY

NOTE: FOR SECTION LINE DETAILS AND NARRATIVE, SEE SHEET 5

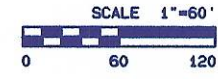


NOTE: THIS SURVEY WAS TERMINATED AT THE 1/16TH CORNER. IT IS APPARENT THAT COE AVENUE TO THE WEST AND BARTLEY ROAD TO THE EAST WILL NEED TO BE SURVEYED AT A FUTURE DATE.

NOTE: THIS POINT BEARS N11°30'52"E, 365.68 FEET FROM THE NORTH 1/4 CORNER OF SECTION 4



- LEGEND**
- FOUND SECTION MONUMENT AS NOTED
  - FOUND 5/8" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UMA.CO.R.D. ... LS2627" SET IN SURVEY R-2
  - SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UCPHD...LS2627"
  - ⊗ CALCULATED POINT ONLY - NOTHING FOUND OR SET
  - POWER POLE
  - ⋯ GUY WIRE AND ANCHOR
  - TELEPHONE PEDESTAL
  - ⋈ IRRIGATION RISER
  - CANAL R/W LINE
  - ROAD R/W LINE
  - ROAD CENTERLINE
  - CANAL CENTERLINE
  - FENCE
  - EDGE OF WATER
  - SECTION OR SECTION SUBDIVISION LINE
  - EDGE OF ROAD



**CURVE TABLE**

| CURVE NO. | DELTA     | RADIUS  | ARC LENGTH | CHORD BEARINGS | CHORD LENGTH |
|-----------|-----------|---------|------------|----------------|--------------|
| C14       | 37°45'51" | 191.48' | 126.21'    | N52°50'54"E    | 123.94'      |
| C15       | 37°45'51" | 211.48' | 139.39'    | N52°50'54"E    | 136.88'      |
| C16       | 37°45'51" | 231.48' | 152.57'    | N52°50'54"E    | 149.83'      |

**LINE TABLE**

| LINE NO. | BEARING     | DISTANCE |
|----------|-------------|----------|
| L5       | N33°57'59"E | 45.15'   |
| L6       | S00°32'02"W | 16.02'   |
| L7       | S00°32'02"W | 22.17'   |
| L10      | S00°32'02"W | 120.79'  |
| L11      | S00°32'02"W | 187.56'  |
| L12      | S00°32'02"W | 210.05'  |
| L13      | S33°57'59"W | 105.75'  |
| L14      | S33°57'59"W | 111.75'  |

NOTE: AREAS SHADED THIS REPRESENT OVERLAP BETWEEN FEED CANAL RIGHT-OF-WAY AND ROAD RIGHT-OF-WAY

**TRAVERSE LINE DATA**

| POINT I.D.         | BEARING     | DISTANCE |
|--------------------|-------------|----------|
| SASH-1             | S04°08'57"W | 616.30'  |
| SASH-2             | S11°04'12"W | 459.24'  |
| STG-4              | S63°09'10"W | 672.25'  |
| SASH-2             | S01°40'40"E | 728.63'  |
| N. 1/4 COR. SEC. 4 |             |          |

**OREGON STATE PLANE COORDINATES - NORTH ZONE 3601**

NAD '83 ('91) - INTERNATIONAL FEET

| POINT DESCRIPTION                     | NORTHING   | EASTING      |
|---------------------------------------|------------|--------------|
| *STG WEST* 65+42.67 P.T. CL           | 772,240.13 | 8,534,728.67 |
| *STG WEST* 67+73.23 P.C. CL           | 772,315.93 | 8,534,946.40 |
| *STG WEST* 69+12.62 P.T. CL           | 772,400.34 | 8,535,054.14 |
| *STG WEST* 70+24.37 P.O.T. CL         | 772,494.01 | 8,535,115.06 |
| *SASH* 10+00.00 P.I. CL (1/16 CORNER) | 773,416.13 | 8,535,105.76 |
| *SASH* 12+08.73 P.I. CL               | 773,207.42 | 8,535,103.89 |
| *SASH* 15+06.81 P.I. CL               | 772,829.40 | 8,535,108.30 |
| *SASH* 19+00.12 P.I. CL               | 772,516.18 | 8,535,114.91 |
| *SASH* 21+09.85 P.I. CL               | 772,306.47 | 8,535,116.35 |
| *USRS* 498+55.08 P.O.T. CL            | 772,472.62 | 8,535,194.77 |
| *USRS* 500+17.82 P.C. CL              | 772,353.77 | 8,535,083.92 |
| SASH-1                                | 773,436.64 | 8,535,125.47 |
| SASH-2                                | 772,821.36 | 8,535,090.82 |
| STG-4                                 | 772,369.33 | 8,535,009.94 |

**UMATILLA COUNTY ROAD DEPARTMENT**  
 3920 WESTGATE  
 PENDLETON, OREGON 97801  
 PHONE 541/278-5424

LEGALIZATION SURVEY  
 COUNTY ROAD NO. 1183 - SOUTH ASH ROAD  
 COUNTY ROAD NO. 1186 - STAGE GULCH ROAD

LOCATED: SECTION 33, T. 4 NORTH, RANGE 29 E.W.M.  
 SECTION 4, T. 3 NORTH, RANGE 29 E.W.M.

DATE OF SURVEY: MARCH, 2004 SHEET 4 OF 5

REGISTERED PROFESSIONAL LAND SURVEYOR

GARY R. ROBERTS  
 JULY 20, 1993  
 RENEWS 12/31/2004



# STAGE GULCH ROAD/SOUTH ASH ROAD LEGALIZATION SURVEY

## SURVEY NARRATIVE

THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE UMATILLA COUNTY BOARD OF COMMISSIONERS. THE PURPOSE OF THE SURVEY WAS TO MONUMENT THE RIGHT-OF-WAY OF PORTIONS OF COUNTY ROAD NO. 1183, SOUTH ASH ROAD, AND COUNTY ROAD NO. 1186, STAGE GULCH ROAD FOR LEGALIZATION PURPOSES. RIGHT-OF-WAY LOCATION NEEDS TO BE ESTABLISHED DUE TO THE SCHEDULED REPLACEMENT OF THE BRIDGE ON SOUTH ASH ROAD OVER THE U.S.R.S. FEED CANAL IN THE EVENT ADDITIONAL RIGHT-OF-WAY OR CONSTRUCTION EASEMENTS NEED TO BE OBTAINED.

SOUTH ASH ROAD WAS ORIGINALLY ESTABLISHED AS COUNTY ROAD NO. 655 IN 1908. IT RAN SOUTH ALONG THE CENTERLINES OF SECTION 33, T. 4 NORTH, RANGE 29 E.W.M. AND SECTIONS 4 AND 9, T. 3 NORTH, RANGE 29 E.W.M. WITH THE EXCEPTION OF THE AREA WHERE IT CROSSED THE FURNISH DITCH. STAGE GULCH ROAD WAS ORIGINALLY ESTABLISHED AS COUNTY ROAD NO. 725 IN 1911. IT RAN EAST ALONG THE TOWNSHIP LINE BETWEEN TOWNSHIPS 3 AND 4 NORTH IN THE AREA OF THIS SURVEY. NO RECORD IS ON FILE AS TO WHEN OR WHY THE EXISTING TRAVELLED ALIGNMENT ALONG THE NORTH SIDE OF THE FEED CANAL WAS ESTABLISHED. NEITHER ROAD MATCHES EXISTING SECTION MONUMENTATION VERY WELL IN THIS AREA, AND THUS THE NEED FOR "LEGALIZING" THE ROADS.

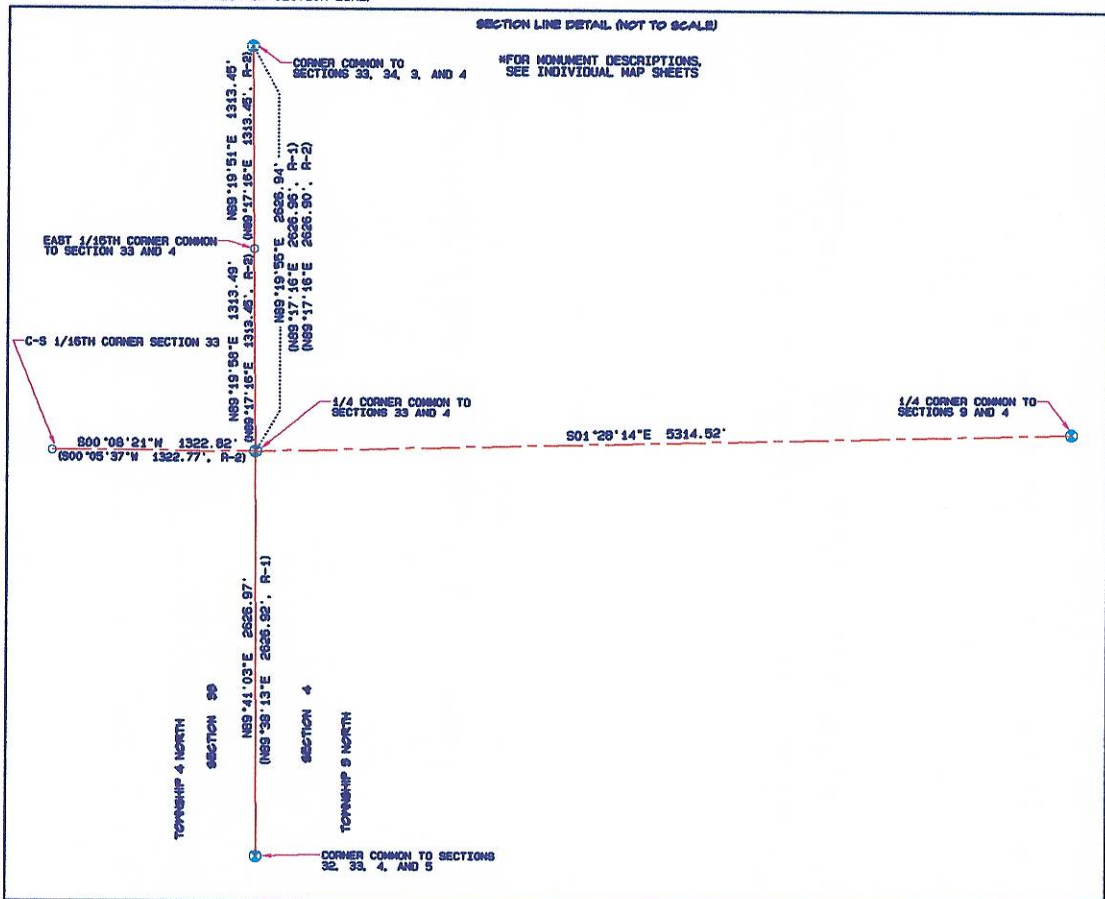
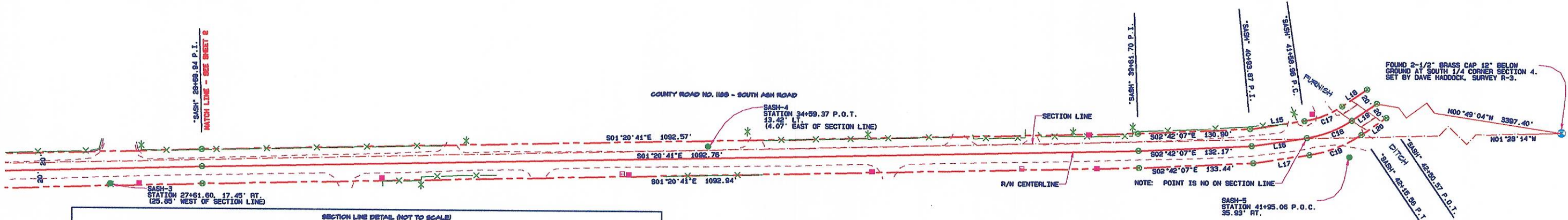
THE SURVEY WAS PERFORMED USING A SOKKIA RADIAN GPS SYSTEM OPERATED IN RTK MODE. AN AUTONOMOUS BASE POSITION WAS OBTAINED. EXISTING MONUMENTS AND MONUMENTS SET IN THIS SURVEY WERE DOUBLE-TIED ON SEPARATE DAYS AT DIFFERENT TIMES USING STATE PLANE COORDINATES, AND THE COORDINATE VALUES WERE TRANSLATED TO THE RECORD VALUES ON THE NORTH 1/4 CORNER OF SECTION 4 FROM GPS SURVEY 02-169-G BY DAVE HADDOCK. OTHER GPS SURVEYS FOR UMATILLA COUNTY WERE PERFORMED BY BRIT PRIMA AND DAVE HADDOCK IN THE AREA AND THEIR RECORD VALUES ARE SHOWN IN THE COORDINATE TABLES. IT SHOULD BE NOTED THAT EACH OF THESE SURVEYS USED DIFFERENT CONTROL POINTS, AND THUS THE DIFFERENCE IN VALUES.

BEARINGS SHOWN ON THIS SURVEY ARE TRUE AND WERE OBTAINED BY ROTATING GRID BEARINGS 00°55'32" CLOCKWISE, WHICH IS THE CONVERGENCE ANGLE AT THE NORTH 1/4 CORNER OF SECTION 4. DISTANCES SHOWN ARE GROUND DISTANCES AND WERE OBTAINED BY DIVIDING GRID DISTANCES BY A COMBINED SCALE AND ELEVATION FACTOR OF 0.99991556. THE COMBINED FACTOR WAS OBTAINED BY MULTIPLYING THE GRID SCALE FACTOR OF 0.99995096 AT THE NORTH 1/4 CORNER OF SECTION 4 BY AN ELEVATION FACTOR OF 0.99996560 (BASED ON AN AVERAGE PROJECT ELEVATION OF 657 FEET).

OREGON STATE PLANE COORDINATES - NORTH ZONE 3601

NAD '83 ('91) - INTERNATIONAL FEET

| POINT DESCRIPTION            | NORTHING     | EASTING            |
|------------------------------|--------------|--------------------|
| "SASH" 28+68.94 P.I. CL      | 774,548.01   | 8,535,138.69       |
| "SASH" 38+61.70 P.I. CL      | 770,456.20   | 8,535,181.97       |
| "SASH" 40+93.87 P.I. CL      | 770,324.30   | 8,535,190.33       |
| "SASH" 41+58.86 P.C. CL      | 770,260.12   | 8,535,201.14       |
| "SASH" 42+15.56 P.T. CL      | 770,208.23   | 8,535,222.54       |
| "SASH" 42+50.57 P.O.T. CL    | 770,179.65   | 8,535,242.73       |
| SASH-3                       | 771,654.44   | 8,535,116.42       |
| SASH-4                       | 770,958.62   | 8,535,175.48       |
| SASH-5                       | 770,210.14   | 8,535,179.81       |
| C-S 1/16TH COR. SEC. 33      | 773,415.13   | 8,535,105.76       |
| NW COR. SEC. 4               | 772,035.63   | 8,532,497.77       |
|                              | (772,036.43) | 8,532,497.59, R-4) |
| N 1/4 COR. SEC. 4            | 772,093.54   | 8,535,123.91       |
|                              | (772,093.54) | 8,535,123.91, R-5) |
| E 1/16TH COR. SEC. 33/SEC. 4 | 772,130.05   | 8,536,438.79       |
| NE COR. SEC. 4               | 772,165.59   | 8,537,749.62       |
|                              | (772,166.62) | 8,537,749.59, R-5) |
| S 1/4 COR. SEC. 4            | 766,784.10   | 8,535,345.08       |
|                              | (766,784.55) | 8,535,346.06, R-3) |



- LEGEND**
- ⊗ FOUND SECTION MONUMENT AS NOTED
  - FOUND 5/8" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UMA.CO.R.O. ... LS2627" SET IN SURVEY R-2
  - SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UCPMD...LS2627"
  - ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
  - POWER POLE
  - ⋯ GUY WIRE AND ANCHOR
  - TELEPHONE PEDESTAL
  - ⋈ IRRIGATION RISER
  - CANAL R/W LINE
  - ROAD R/W LINE
  - ROAD CENTERLINE
  - CANAL CENTERLINE
  - FENCE
  - EDGE OF WATER
  - SECTION OR SECTION SUBDIVISION LINE
  - EDGE OF ROAD

**LINE TABLE**

| LINE NO. | BEARINGS    | DISTANCE | TRAVERSE LINE DATA |
|----------|-------------|----------|--------------------|
| L15      | S08°38'17"E | 64.06'   | POINT I.D.         |
| L16      | S08°38'17"E | 68.09'   | BEARING            |
| L17      | S08°38'17"E | 66.13'   | DISTANCE           |
| L18      | S34°19'04"E | 35.00'   | N. 1/4 COR. SEC. 4 |
| L19      | S34°19'04"E | 35.00'   | SASH-3             |
| L20      | S34°19'04"E | 35.00'   | SASH-4             |
|          |             |          | SASH-5             |

**CURVE TABLE**

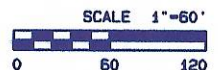
| CURVE NO. | DELTA     | RADIUS  | ARC LENGTH | CHORD BEARING | CHORD LENGTH |
|-----------|-----------|---------|------------|---------------|--------------|
| C17       | 25°40'47" | 106.29' | 47.64'     | S21°28'40"E   | 47.24'       |
| C18       | 25°40'47" | 126.29' | 56.60'     | S21°28'40"E   | 56.13'       |
| C19       | 25°40'47" | 146.29' | 65.57'     | S21°28'40"E   | 65.02'       |

**SURVEY RECORDS**

- R-1 REMONUMENTATION SURVEY FOR UMATILLA COUNTY BY EDWARDS, SURVEY NO. 95-60-B
- R-2 SECTION 33 SUBDIVISION SURVEY FOR UMATILLA COUNTY BY ROBERTS, SURVEY NO. 95-70-C
- R-3 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 98-165-C
- R-4 GPS SURVEY FOR UMATILLA COUNTY BY BRIT PRIMA, SURVEY NO. 02-49-G
- R-5 GPS SURVEY FOR UMATILLA COUNTY BY DAVE HADDOCK, SURVEY NO. 02-169-G

**REGISTERED PROFESSIONAL LAND SURVEYOR**

**GARY R. ROBERTS**  
RENEWS 12/31/2004



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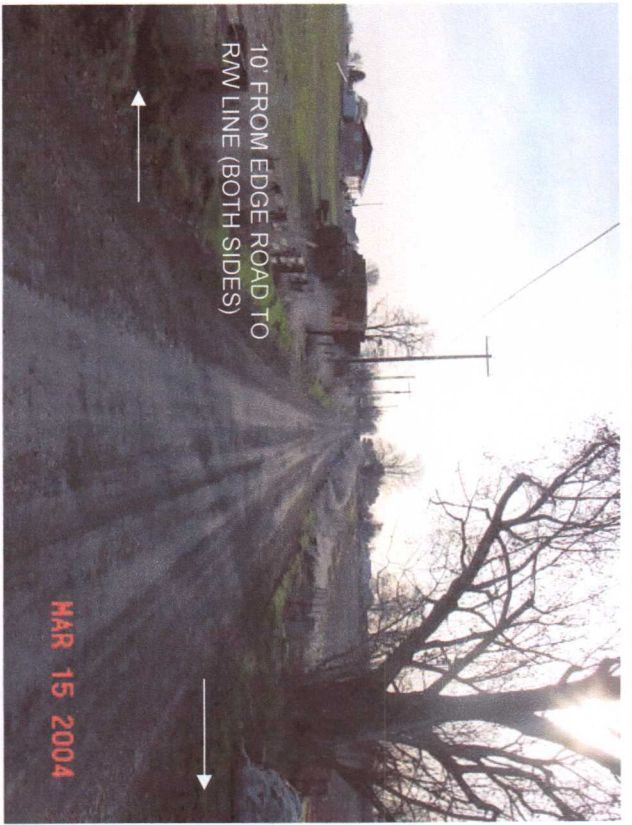
**LEGALIZATION SURVEY**  
COUNTY ROAD NO. 1183 - SOUTH ASH ROAD  
COUNTY ROAD NO. 1186 - STAGE GULCH ROAD  
LOCATED: SECTION 33, T. 4 NORTH, RANGE 29 E.W.M.  
SECTION 4, T. 3 NORTH, RANGE 29 E.W.M.

DATE OF SURVEY: MARCH, 2004 SHEET 5 OF 5



STAGE GULCH ROAD

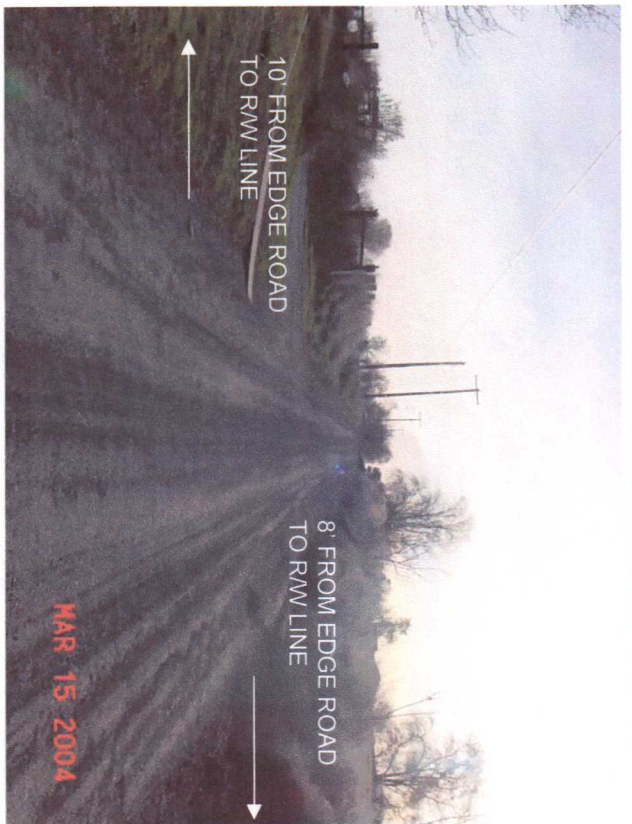
ENGINEER'S STATION 50+00 LOOKING EAST



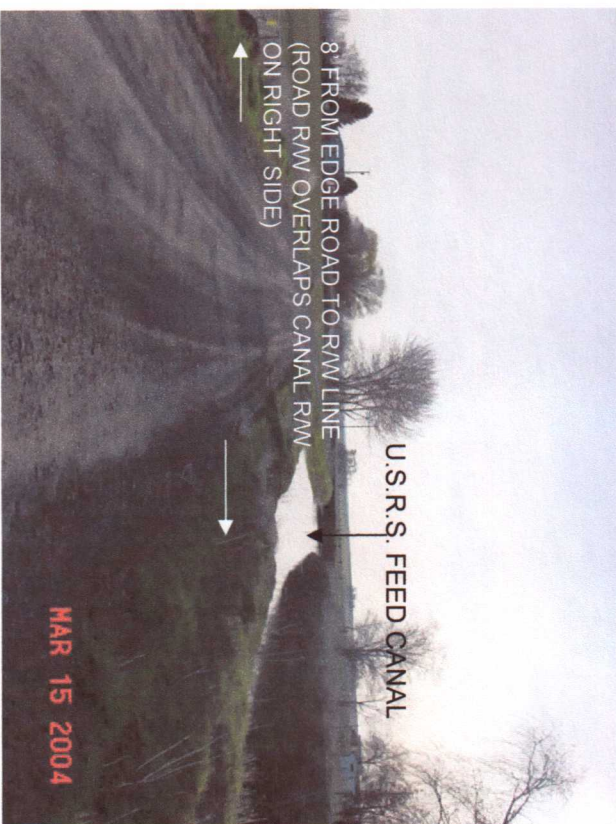
ENGINEER'S STATION 60+00 LOOKING EAST



ENGINEER'S STATION 55+00 LOOKING EAST



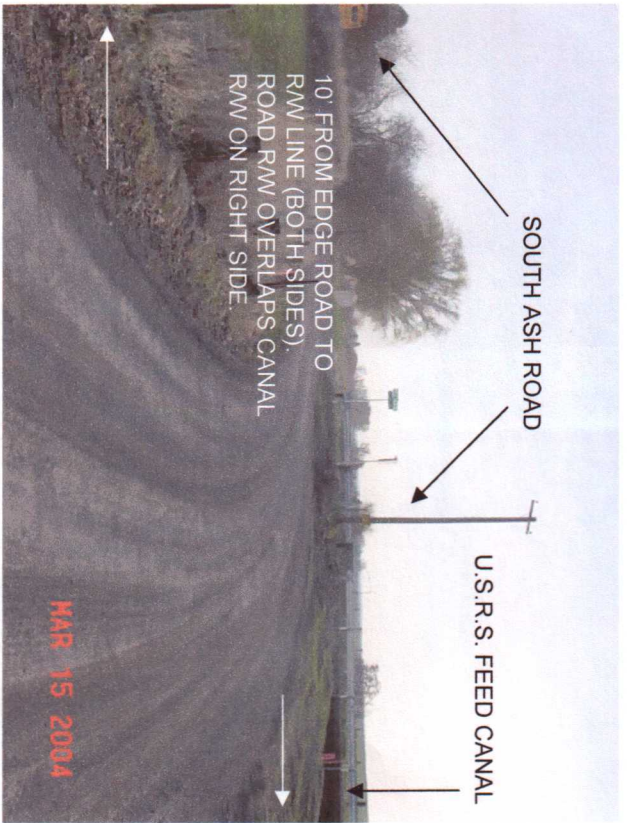
ENGINEER'S STATION 64+00 LOOKING NORTHEAST





STAGE GULCH ROAD

ENGINEER'S STATION 68+00 LOOKING NORTHEAST



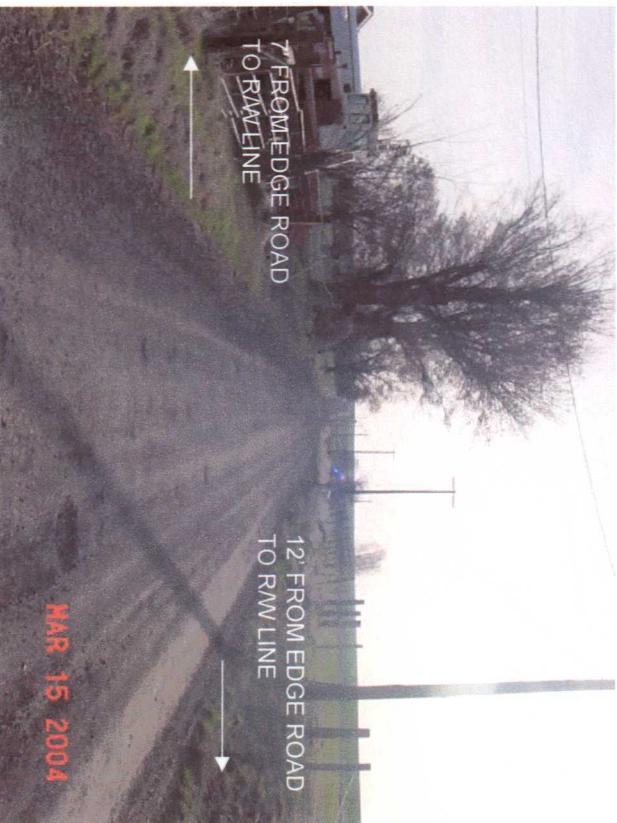
ENGINEER'S STATION 15+00 LOOKING EAST



ENGINEER'S STATION 10+00 LOOKING EAST



ENGINEER'S STATION 22+00 LOOKING EAST

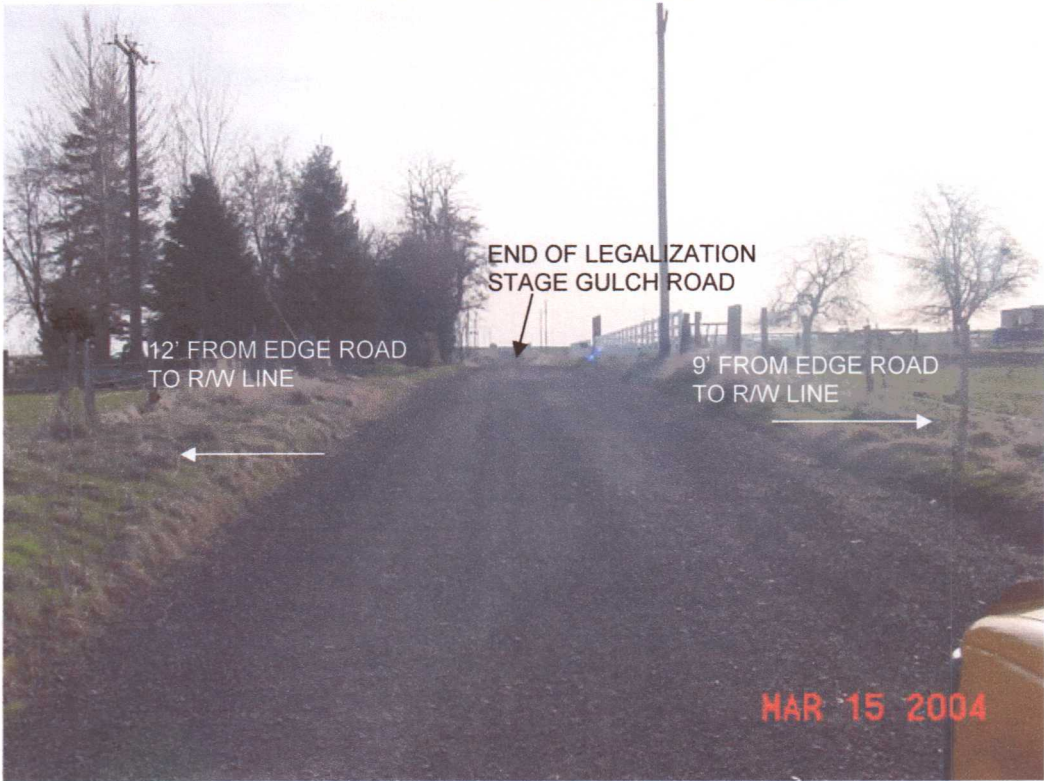




STAGE GULCH ROAD  
ENGINEER'S STATION 30+00 LOOKING EAST



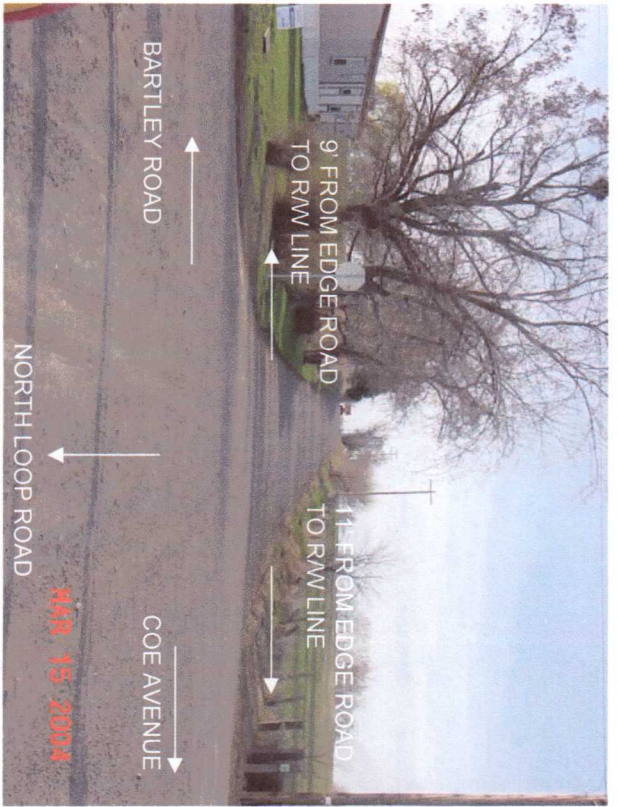
ENGINEER'S STATION 35+00 LOOKING EAST



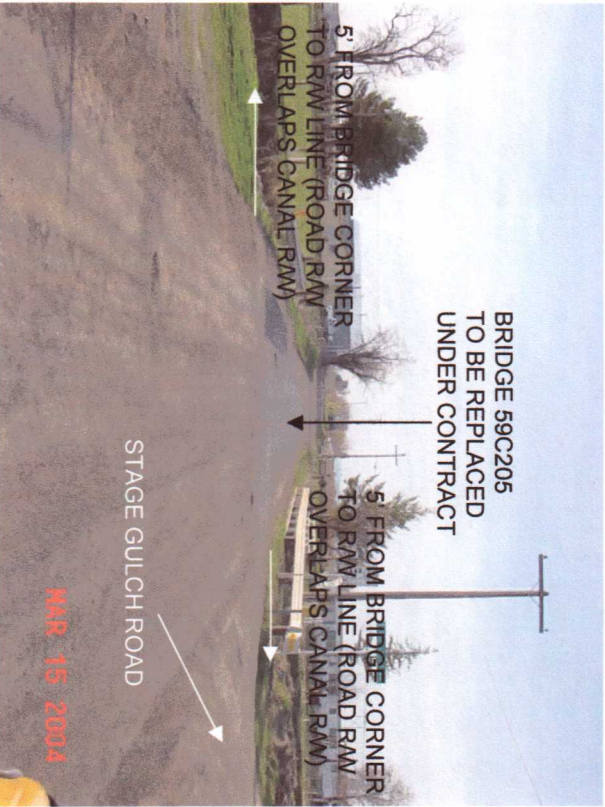


SOUTH ASH ROAD

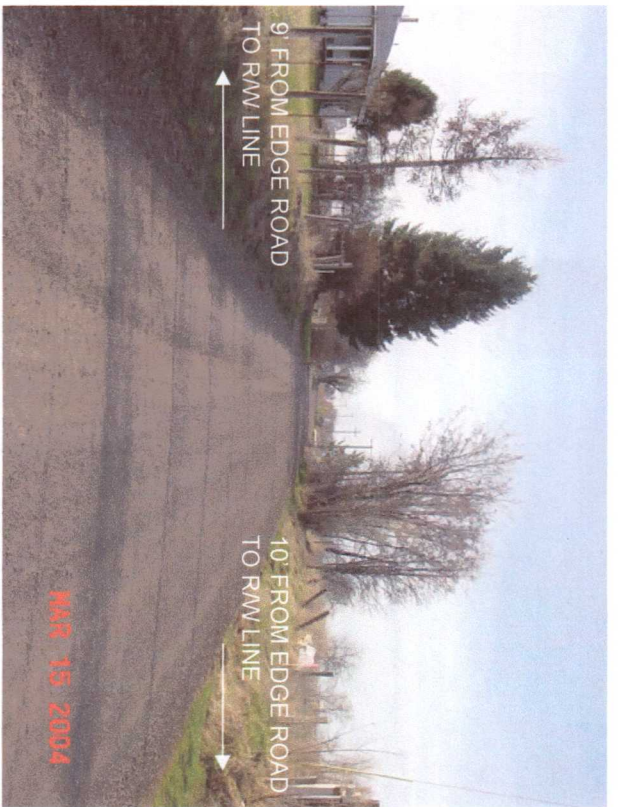
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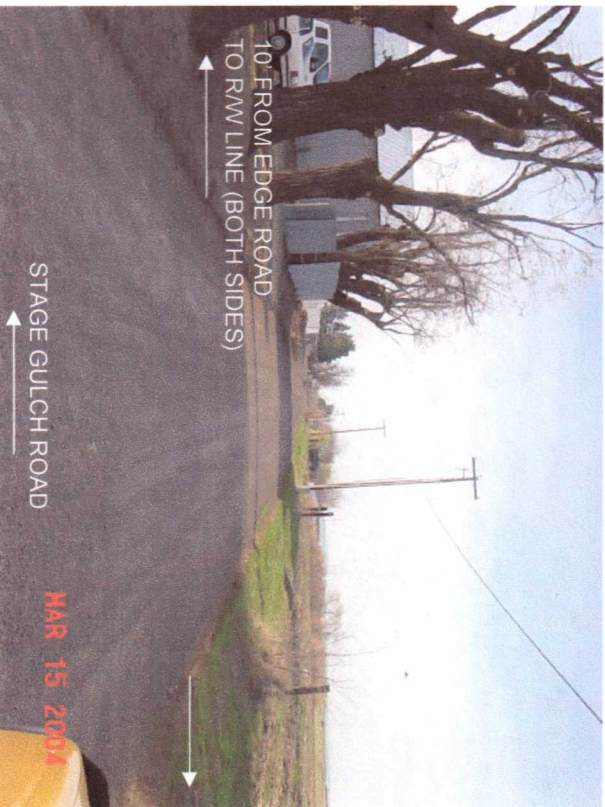
ENGINEER'S STATION 19+00 LOOKING SOUTH



ENGINEER'S STATION 15+00 LOOKING SOUTH



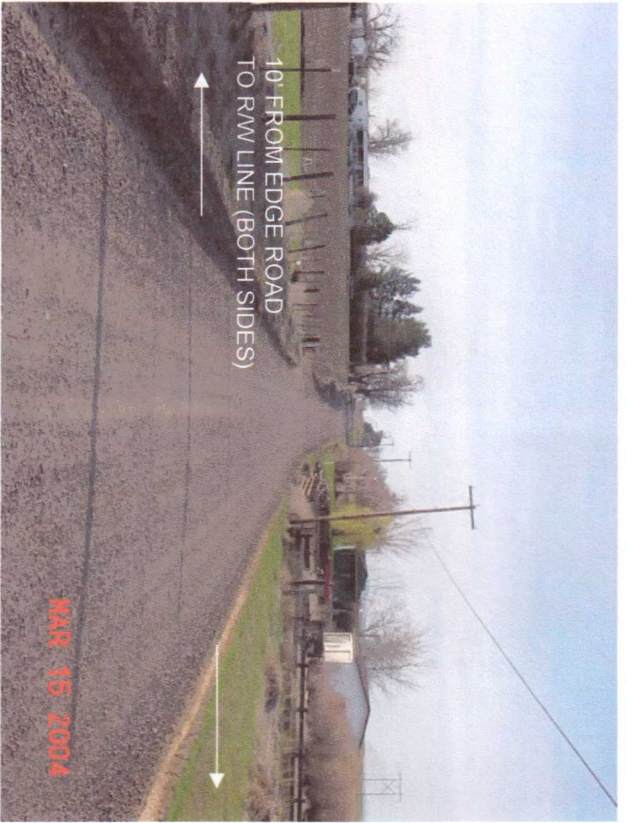
ENGINEER'S STATION 23+00 LOOKING SOUTH





SOUTH ASH ROAD

ENGINEER'S STATION 28+00 LOOKING SOUTH



10' FROM EDGE ROAD  
TO RW LINE (BOTH SIDES)

MAR 15 2004

ENGINEER'S STATION 41+00 LOOKING SOUTH



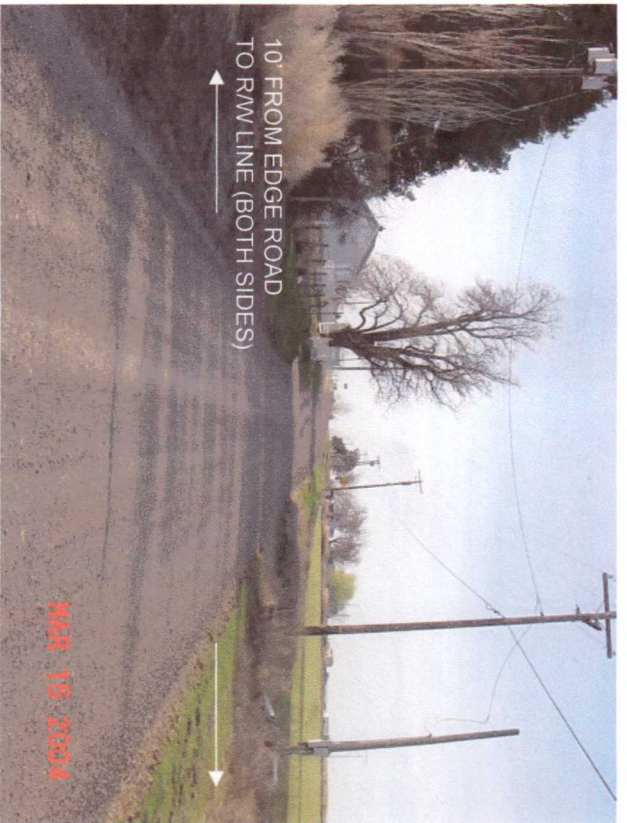
FURNISH DITCH AND  
END OF LEGALIZATION  
OF SOUTH ASH ROAD

9' FROM EDGE ROAD  
TO RW LINE

8' FROM EDGE ROAD  
TO RW LINE

MAR 15 2004

ENGINEER'S STATION 34+00 LOOKING SOUTH



10' FROM EDGE ROAD  
TO RW LINE (BOTH SIDES)

MAR 15 2004