

HAGAR TWP.  
T3S, -R18W

SW-NW  
SEC. 23

NE-NW  
SEC. 23

NE-SW  
SEC. 14

SE-NW  
SEC. 14

SE-SW  
SEC. 14

SE-NE  
SEC. 14

NW-SE  
SEC. 14

SEC. LINE

APP. N 1/4 LINE

APP. S 1/4 LINE

APP. W 1/4 LINE

APP. E 1/4 LINE

N & S 1/4 LINE

E & W 1/4 LINE

TURNAROUND

POND

RIVERSIDE RD.

SERVICE RD.

BUNDY RD.

STATION RELATION  
STA 279+48.08 I-196°  
STA 59+27.81 RIVERSIDE RD.

STATION EQUATION  
STA 293+03.06 BACK=  
STA 548+95.96 AHEAD  
LINE SHORTENS 25,592.90'

BEARING EQUATION  
STA 293+03.06  
N16°06'55"E BACK=  
N16°10'20"E AHEAD

STATION EQUATION  
STA 73+98.19 BACK=  
STA 73+19.47 AHEAD  
LINE LENGTHENS 78.72'

C.S. 11111

| PARCEL | GRANTOR             | INST | DATE<br>RECORDED | LIBER-PAGE |    |
|--------|---------------------|------|------------------|------------|----|
| 44     | AUGUST NOACK        | D    | 7-10-61          | 634-477    | LA |
| 45     | VIRGINIA LOU BECHT  | D    | 4-20-61          | 631-462    | LA |
| 46     | GALE H. STOKES      | D    | 3-2-61           | 630-66     | -- |
| C-47   | WARREN M. DAMON     | D    | 6-26-61          | 188MR-35   | LA |
| 48     | DARWIN C. VAN ORMAN | D    | 4-11-61          | 631-284    | -- |
| C-49   | RICHARD W. NOACK    | D    | 6-26-61          | 188MR-36   | LA |
| C-50   | IVAN A. O'LEARY     | D    | 6-26-61          | 188MR-38   | LA |
| 52     | KENNETH G. BLOCK    | D    | 4-6-61           | 631-124    | -- |
| 53     | OSCAR DAMON         | D    | 4-20-61          | 631-460    | LA |
| C-54   | DOROTHY M. FISHER   | D    | 6-26-61          | 188MR-41   | LA |
| C-57   | LESTER E. BOYNTON   | D    | 6-26-61          | 188MR-43   | LA |
| 58     | LEROY H. BEACH      | D    | 5-9-61           | 632-259    | LA |

EXCESS SALES

| PARCEL | SOLD TO              | INST | DATE     | SALE NO.   |        |
|--------|----------------------|------|----------|------------|--------|
| A      | ALICE L. BURY        | D    | 7-24-69  | 7-238-N-1  | LA     |
| B      | ALFRED E. BALCERS    | D    | 8-12-69  | 7-237-A-11 | LA     |
| C      | WARREN DAMON         | D    | 8-1-69   | 7-237-A-10 | LA     |
| D      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-2  | LA-REV |
| E      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-1  | LA-REV |
| F      | WACLAW B. CZAJKOWSKI | DC   | 1-19-78  | 7-429-A-7  | LA     |

CURVE DATA

| Δ  | 3°58' R   | Δ  | 48°48'30" R | Δ  | 52°00' L | Δ  | 35°53'30" R | Δ  | 74°49'30" L |
|----|-----------|----|-------------|----|----------|----|-------------|----|-------------|
| D  | 0°30'     | D  | 12°00'      | D  | 12°00'   | D  | 12°00'      | D  |             |
| T  | 396.83'   | T  | 216.63'     | T  | 232.87'  | T  | 154.64'     | T  | 57.37'      |
| L  | 793.33'   | L  | 406.74'     | L  | 433.33'  | L  | 299.10'     | L  | 97.95'      |
| R  | 11459.19' | R  | 477.46'     | R  | 477.46'  | R  | 477.46'     | R  | 75'         |
| E  |           | E  |             | E  |          | E  |             | E  |             |
| PC | 275+51.25 | PC | 51+50.30    | PC | 61+64.36 | PC | 70+99.09    | PC | 12+27.92    |
| PI | 279+48.08 | PI | 53+66.93    | PI | 63+97.23 | PI | 72+53.73    | PI | 12+85.29    |
| PT | 283+44.58 | PT | 55+57.04    | PT | 65+97.69 | PT | 73+98.19    | PT | 13+25.87    |

RIGHT-OF-WAY MAP

DRAWN BY: DLZ

CHECKED BY: DLZ

LAST REVISION DATE: 1/08/01

ROUTE: I-196

PROJ: JOB#

COUNTY: BERRIEN

FILE NO.: 11-R-2

CONTROL SECTION: 11111

SHEET NO.: 62

HAGAR TWP.  
T3S, -R18W

SW-NW  
SEC. 23

NE-NW  
SEC. 23

NE-SW  
SEC. 14

SE-NW  
SEC. 14

SE-SW  
SEC. 14

SE-NE  
SEC. 14

NW-SE  
SEC. 14

SEC. LINE

APP. N 1/4 LINE

APP. S 1/4 LINE

APP. W 1/4 LINE

APP. E 1/4 LINE

N & S 1/4 LINE

E & W 1/4 LINE

TURNAROUND

POND

RIVERSIDE RD.

SERVICE RD.

BUNDY RD.

NEW CONNECTION

OLD RD. OBLITERATED

STATION RELATION  
STA 279+48.08 I-196°  
STA 59+27.81 RIVERSIDE RD.

STATION EQUATION  
STA 293+03.06 BACK=  
STA 548+95.96 AHEAD  
LINE SHORTENS 25,592.90'

BEARING EQUATION  
STA 293+03.06  
N16°06'55"E BACK=  
N16°10'20"E AHEAD

STATION EQUATION  
STA 73+98.19 BACK=  
STA 73+19.47 AHEAD  
LINE LENGTHENS 78.72'

C.S. 11111

| PARCEL | GRANTOR             | INST | DATE<br>RECORDED | LIBER-PAGE |    |
|--------|---------------------|------|------------------|------------|----|
| 44     | AUGUST NOACK        | D    | 7-10-61          | 634-477    | LA |
| 45     | VIRGINIA LOU BECHT  | D    | 4-20-61          | 631-462    | LA |
| 46     | GALE H. STOKES      | D    | 3-2-61           | 630-66     | -- |
| C-47   | WARREN M. DAMON     | D    | 6-26-61          | 188MR-35   | LA |
| 48     | DARWIN C. VAN ORMAN | D    | 4-11-61          | 631-284    | -- |
| C-49   | RICHARD W. NOACK    | D    | 6-26-61          | 188MR-36   | LA |
| C-50   | IVAN A. O'LEARY     | D    | 6-26-61          | 188MR-38   | LA |
| 52     | KENNETH G. BLOCK    | D    | 4-6-61           | 631-124    | -- |
| 53     | OSCAR DAMON         | D    | 4-20-61          | 631-460    | LA |
| C-54   | DOROTHY M. FISHER   | D    | 6-26-61          | 188MR-41   | LA |
| C-57   | LESTER E. BOYNTON   | D    | 6-26-61          | 188MR-43   | LA |
| 58     | LEROY H. BEACH      | D    | 5-9-61           | 632-259    | LA |

EXCESS SALES

| PARCEL | SOLD TO              | INST | DATE     | SALE NO.   |        |
|--------|----------------------|------|----------|------------|--------|
| A      | ALICE L. BURY        | D    | 7-24-69  | 7-238-N-1  | LA     |
| B      | ALFRED E. BALCERS    | D    | 8-12-69  | 7-237-A-11 | LA     |
| C      | WARREN DAMON         | D    | 8-1-69   | 7-237-A-10 | LA     |
| D      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-2  | LA-REV |
| E      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-1  | LA-REV |
| F      | WACLAW B. CZAJKOWSKI | DC   | 1-19-78  | 7-429-A-7  | LA     |

CURVE DATA

| Δ         | R | D      | T       | L       | R         | E | PC        | PI        | PT        |
|-----------|---|--------|---------|---------|-----------|---|-----------|-----------|-----------|
| 3°58'     | R | 0°30'  | 396.83' | 793.33' | 11459.19' |   | 275+51.25 | 279+48.08 | 283+44.58 |
| 48°48'30" | R | 12°00' | 216.63' | 406.74' | 477.46'   |   | 51+50.30  | 53+66.93  | 55+57.04  |
| 52°00'    | L | 12°00' | 232.87' | 433.33' | 477.46'   |   | 61+64.36  | 63+97.23  | 65+97.69  |
| 35°53'30" | R | 12°00' | 154.64' | 299.10' | 477.46'   |   | 70+99.09  | 72+53.73  | 73+98.19  |
| 74°49'30" | L |        | 57.37'  | 97.95'  | 75'       |   | 12+27.92  | 12+85.29  | 13+25.87  |

RIGHT-OF-WAY MAP

DRAWN BY: DLZ

CHECKED BY: DLZ

LAST REVISION DATE: 1/08/01

COUNTY: BERRIEN

FILE NO.: 11-R-2

ROUTE: I-196

PROJ: US-31

CONTROL SECTION: 11111

SHEET NO.: 62

**HAGAR TWP.  
T3S, -R18W**

**NW-NW  
SEC. 23**

**SW-NW  
SEC. 23**

**NE-SW  
SEC. 14**

**SE-NW  
SEC. 14**

**SE-SW  
SEC. 14**

**NE-NW  
SEC. 23**

**SE-NW  
SEC. 23**

**NW-SE  
SEC. 14**

**SW-NE  
SEC. 14**

**SECTION 11111**

| PARCEL | GRANTOR             | INST. | DATE RECORDED | LIBER-PAGE |    |
|--------|---------------------|-------|---------------|------------|----|
| 44     | AUGUST NOACK        | D     | 7-10-61       | 634-477    | LA |
| 45     | VIRGINIA LOU BECHT  | D     | 4-20-61       | 631-462    | LA |
| 46     | GALE H. STOKES      | D     | 3-2-61        | 630-66     | -- |
| C-47   | WARREN M. DAMON     | D     | 6-26-61       | 188MR-35   | LA |
| 48     | DARWIN C. VAN ORMAN | D     | 4-11-61       | 631-284    | -- |
| C-49   | RICHARD W. NOACK    | D     | 6-26-61       | 188MR-36   | LA |
| C-50   | IVAN A. O'LEARY     | D     | 6-26-61       | 188MR-38   | LA |
| 52     | KENNETH G. BLOCK    | D     | 4-6-61        | 631-124    | -- |
| 53     | OSCAR DAMON         | D     | 4-20-61       | 631-460    | LA |
| C-54   | DOROTHY M. FISHER   | D     | 6-26-61       | 188MR-41   | LA |
| C-57   | LESTER E. BOYNTON   | D     | 6-26-61       | 188MR-43   | LA |
| 58     | LEROY H. BEACH      | D     | 5-9-61        | 632-259    | LA |

**STATION RELATION**  
STA 279+48.08 I-196°  
STA 59+27.81 RIVERSIDE RD.

**STATION EQUATION**  
STA 293+03.06 BACK=  
STA 548+95.96 AHEAD  
LINE SHORTENS 25,592.90'

**BEARING EQUATION**  
STA 293+03.06  
N16°06'55"E BACK=  
N16°10'20"E AHEAD

**STATION EQUATION**  
STA 73+98.19 BACK=  
STA 73+19.47 AHEAD  
LINE LENGTHENS 78.72'

**EXCESS SALES**

| PARCEL | SOLD TO              | INST. | DATE     | SALE NO.   |        |
|--------|----------------------|-------|----------|------------|--------|
| A      | ALICE L. BURY        | D     | 7-24-69  | 7-238-N-1  | LA     |
| B      | ALFRED E. BALCERS    | D     | 8-12-69  | 7-237-A-11 | LA     |
| C      | WARREN DAMON         | D     | 8-1-69   | 7-237-A-10 | LA     |
| D      | HAGAR TWP.           | D     | 11-12-69 | 7-242-N-2  | LA-REV |
| E      | HAGAR TWP.           | D     | 11-12-69 | 7-242-N-1  | LA-REV |
| F      | WACLAW B. CZAJKOWSKI | DC    | 1-19-78  | 7-429-A-7  | LA     |

**CURVE DATA**

| Δ         | T       | L       | R         | E | PC        | PI        | PT        |
|-----------|---------|---------|-----------|---|-----------|-----------|-----------|
| 3°58'     | 396.83' | 793.33' | 11459.19' | = | 275+51.25 | 279+48.08 | 283+44.58 |
| 0°30'     | -       | -       | -         | - | -         | -         | -         |
| 12°00'    | -       | -       | -         | - | -         | -         | -         |
| 48°48'30" | 216.63' | 406.74' | 477.46'   | = | 51+50.30  | 53+66.93  | 55+57.04  |
| 12°00'    | -       | -       | -         | - | -         | -         | -         |
| 52°00'    | 232.87' | 433.33' | 477.46'   | = | 61+64.36  | 63+97.23  | 65+97.69  |
| 12°00'    | -       | -       | -         | - | -         | -         | -         |
| 35°53'30" | 154.64' | 299.10' | 477.46'   | = | 70+99.09  | 72+53.73  | 73+98.19  |
| 12°00'    | -       | -       | -         | - | -         | -         | -         |
| 74°49'30" | 57.37'  | 97.95'  | 75'       | = | 12+27.92  | 12+85.29  | 13+25.87  |
| 12°00'    | -       | -       | -         | - | -         | -         | -         |

**RIGHT-OF-WAY MAP**

**DRAWN BY:** DLZ  
**LAST REVISION DATE:** 1/08/01  
**COUNTY:** BERRIEN  
**FILE NO.:** 11-R-2

**CHECKED BY:** DLZ  
**ROUTE:** I-196  
**PROJ JOB#:** US-31  
**CONTROL SECTION:** 11111  
**SHEET NO.:** 62

**STATION RELATION**  
 STA 279+48.08 I-196°  
 STA 59+27.81 RIVERSIDE RD.

**STATION EQUATION**  
 STA 293+03.06 BACK=  
 STA 548+95.96 AHEAD  
 LINE SHORTENS 25,592.90'

**BEARING EQUATION**  
 STA 293+03.06  
 N16°06'55"E BACK=  
 N16°10'20"E AHEAD

**C.S. 11111**

| PARCEL | GRANTOR             | INST | DATE RECORDED | LIBER-PAGE |    |
|--------|---------------------|------|---------------|------------|----|
| 44     | AUGUST NOACK        | D    | 7-10-61       | 634-477    | LA |
| 45     | VIRGINIA LOU BECHT  | D    | 4-20-61       | 631-462    | LA |
| 46     | GALE H. STOKES      | D    | 3-2-61        | 630-66     | -- |
| C-47   | WARREN M. DAMON     | D    | 6-26-61       | 188MR-35   | LA |
| 48     | DARWIN C. VAN ORMAN | D    | 4-11-61       | 631-284    | -- |
| C-49   | RICHARD W. NOACK    | D    | 6-26-61       | 188MR-36   | LA |
| C-50   | IVAN A. O'LEARY     | D    | 6-26-61       | 188MR-38   | LA |
| 52     | KENNETH G. BLOCK    | D    | 4-6-61        | 631-124    | -- |
| 53     | OSCAR DAMON         | D    | 4-20-61       | 631-460    | LA |
| C-54   | DOROTHY M. FISHER   | D    | 6-26-61       | 188MR-41   | LA |
| C-57   | LESTER E. BOYNTON   | D    | 6-26-61       | 188MR-43   | LA |
| 58     | LEROY H. BEACH      | D    | 5-9-61        | 632-259    | LA |

**STATION EQUATION**  
 STA 73+98.19 BACK=  
 STA 73+19.47 AHEAD  
 LINE LENGTHENS 78.72'

**EXCESS SALES**

| PARCEL | SOLD TO              | INST | DATE     | SALE NO.   |        |
|--------|----------------------|------|----------|------------|--------|
| A      | ALICE L. BURY        | D    | 7-24-69  | 7-238-N-1  | LA     |
| B      | ALFRED E. BALCERS    | D    | 8-12-69  | 7-237-A-11 | LA     |
| C      | WARREN DAMON         | D    | 8-1-69   | 7-237-A-10 | LA     |
| D      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-2  | LA-REV |
| E      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-1  | LA-REV |
| F      | WACLAW B. CZAJKOWSKI | DC   | 1-19-78  | 7-429-A-7  | LA     |

**CURVE DATA**

| Δ         | D      | T       | L       | R         | E | PC        | PI        | PT        |
|-----------|--------|---------|---------|-----------|---|-----------|-----------|-----------|
| 3°58'     | 0°30'  | 396.83' | 793.33' | 11459.19' |   | 275+51.25 | 279+48.08 | 283+44.58 |
| 48°48'30" | 12°00' | 216.63' | 406.74' | 477.46'   |   | 51+50.30  | 53+66.93  | 55+57.04  |
| 52°00'    | 12°00' | 232.87' | 433.33' | 477.46'   |   | 61+64.36  | 63+97.23  | 65+97.69  |
| 35°53'30" | 12°00' | 154.64' | 299.10' | 477.46'   |   | 70+99.09  | 72+53.73  | 73+98.19  |
| 74°49'30" |        | 57.37'  | 97.95'  | 75'       |   | 12+27.92  | 12+85.29  | 13+25.87  |

**RIGHT-OF-WAY MAP**

DRAWN BY: DLZ  
 LAST REVISION DATE: 1/08/01  
 COUNTY: BERRIEN  
 FILE NO.: 11-R-2

CHECKED BY: DLZ  
 ROUTE: I-196  
 CONTROL SECTION: 11111  
 SHEET NO: 62

**STATION RELATION**  
 STA 279+48.08 I-196°  
 STA 59+27.81 RIVERSIDE RD.

**STATION EQUATION**  
 STA 293+03.06 BACK=  
 STA 548+95.96 AHEAD  
 LINE SHORTENS 25,592.90'

**BEARING EQUATION**  
 STA 293+03.06  
 N16°06'55"E BACK=  
 N16°10'20"E AHEAD

**C.S. 11111**

| PARCEL | GRANTOR             | INST | DATE RECORDED | LIBER-PAGE |    |
|--------|---------------------|------|---------------|------------|----|
| 44     | AUGUST NOACK        | D    | 7-10-61       | 634-477    | LA |
| 45     | VIRGINIA LOU BECHT  | D    | 4-20-61       | 631-462    | LA |
| 46     | GALE H. STOKES      | D    | 3-2-61        | 630-66     | -- |
| C-47   | WARREN M. DAMON     | D    | 6-26-61       | 188MR-35   | LA |
| 48     | DARWIN C. VAN ORMAN | D    | 4-11-61       | 631-284    | -- |
| C-49   | RICHARD W. NOACK    | D    | 6-26-61       | 188MR-36   | LA |
| C-50   | IVAN A. O'LEARY     | D    | 6-26-61       | 188MR-38   | LA |
| 52     | KENNETH G. BLOCK    | D    | 4-6-61        | 631-124    | -- |
| 53     | OSCAR DAMON         | D    | 4-20-61       | 631-460    | LA |
| C-54   | DOROTHY M. FISHER   | D    | 6-26-61       | 188MR-41   | LA |
| C-57   | LESTER E. BOYNTON   | D    | 6-26-61       | 188MR-43   | LA |
| 58     | LEROY H. BEACH      | D    | 5-9-61        | 632-259    | LA |

**STATION EQUATION**  
 STA 73+98.19 BACK=  
 STA 73+19.47 AHEAD  
 LINE LENGTHENS 78.72'

**EXCESS SALES**

| PARCEL | SOLD TO              | INST | DATE     | SALE NO.   |        |
|--------|----------------------|------|----------|------------|--------|
| A      | ALICE L. BURY        | D    | 7-24-69  | 7-238-N-1  | LA     |
| B      | ALFRED E. BALCERS    | D    | 8-12-69  | 7-237-A-11 | LA     |
| C      | WARREN DAMON         | D    | 8-1-69   | 7-237-A-10 | LA     |
| D      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-2  | LA-REV |
| E      | HAGAR TWP.           | D    | 11-12-69 | 7-242-N-1  | LA-REV |
| F      | WACLAW B. CZAJKOWSKI | DC   | 1-19-78  | 7-429-A-7  | LA     |

**CURVE DATA**

| Δ         | D      | T       | L       | R         | E | PC        | PI        | PT        |
|-----------|--------|---------|---------|-----------|---|-----------|-----------|-----------|
| 3°58'     | 0°30'  | 396.83' | 793.33' | 11459.19' |   | 275+51.25 | 279+48.08 | 283+44.58 |
| 48°48'30" | 12°00' | 216.63' | 406.74' | 477.46'   |   | 51+50.30  | 53+66.93  | 55+57.04  |
| 52°00'    | 12°00' | 232.87' | 433.33' | 477.46'   |   | 61+64.36  | 63+97.23  | 65+97.69  |
| 35°53'30" | 12°00' | 154.64' | 299.10' | 477.46'   |   | 70+99.09  | 72+53.73  | 73+98.19  |
| 74°49'30" |        | 57.37'  | 97.95'  | 75'       |   | 12+27.92  | 12+85.29  | 13+25.87  |

**RIGHT-OF-WAY MAP**

DRAWN BY: DLZ  
 LAST REVISION DATE: 1/08/01  
 COUNTY: BERRIEN  
 FILE NO.: 11-R-2

CHECKED BY: DLZ  
 ROUTE: I-196  
 CONTROL SECTION: 11111  
 SHEET NO: 62