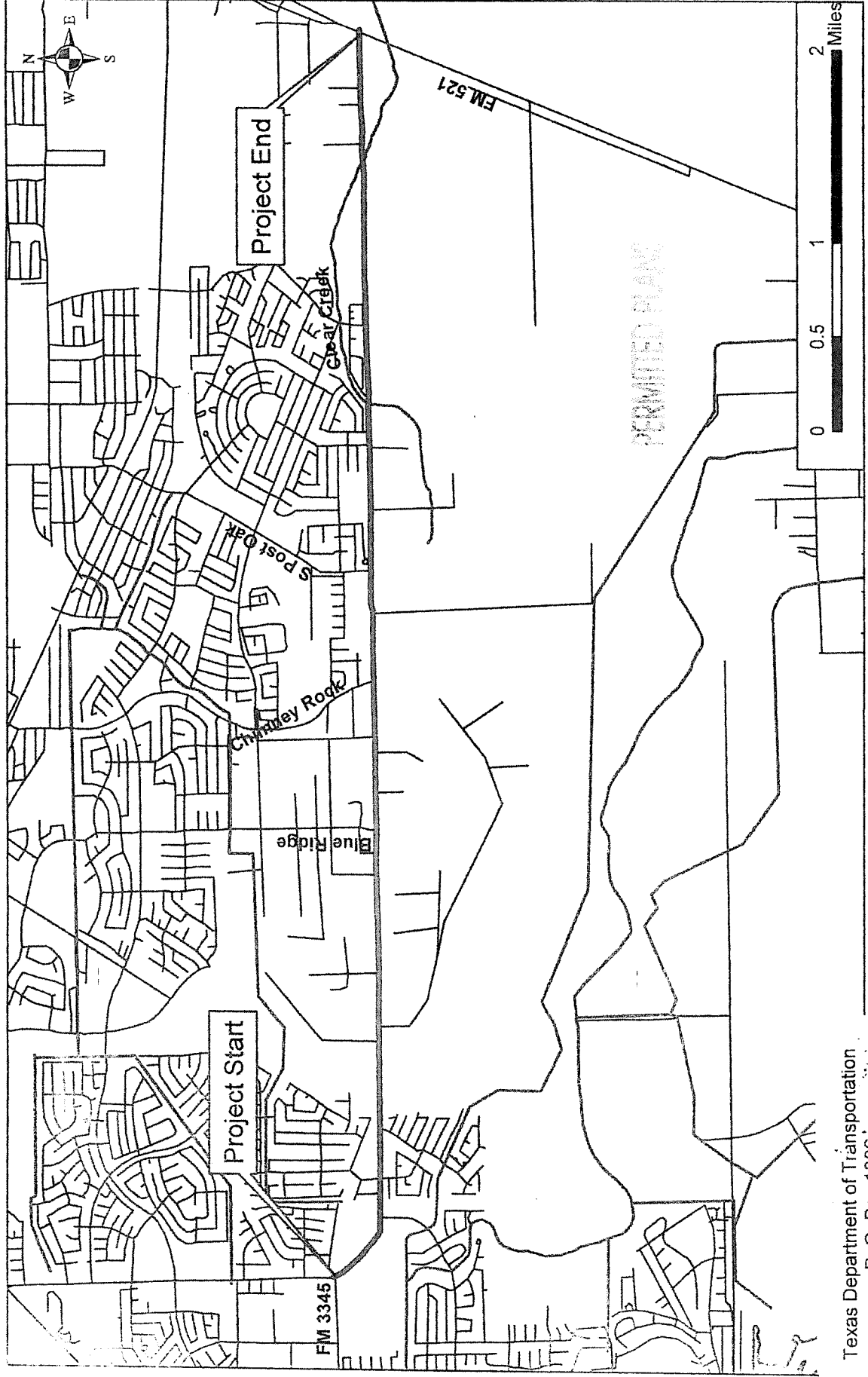


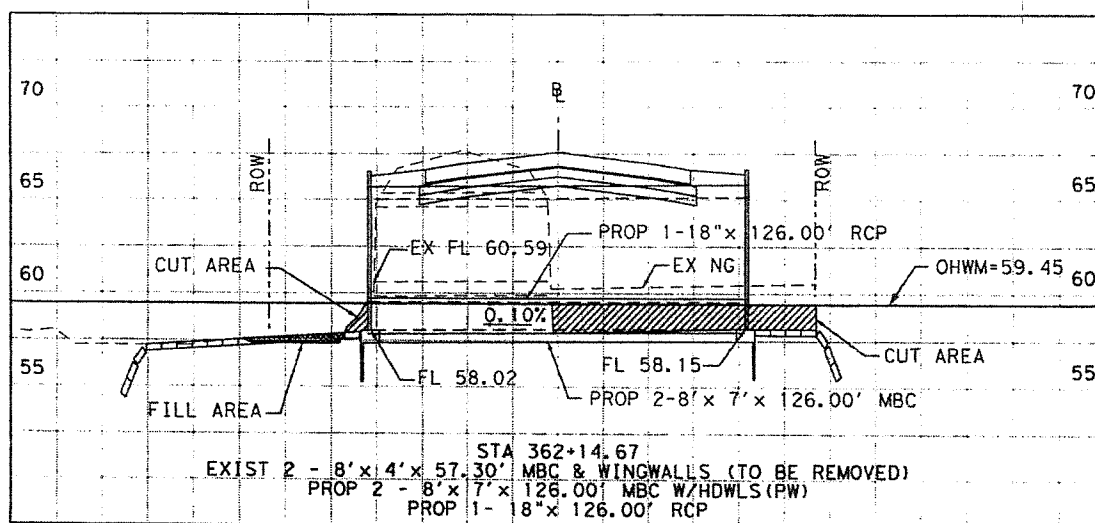
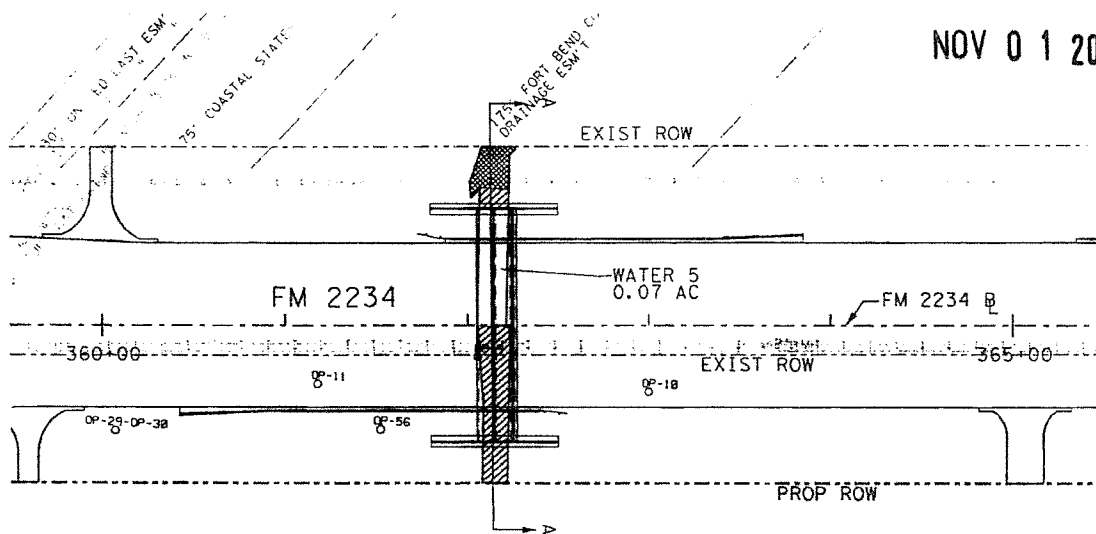
FM 2234

# Project Location Map

NOV 01 2017

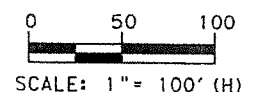


NOV 01 2017



SECTION A-A  
SCALE 1"=60' (H)  
1"=10' (V)

PERMITTED PLANS



| LEGEND                    |                           |
|---------------------------|---------------------------|
|                           | WETLAND BOUNDARY AREA     |
|                           | PROPOSED FILL AREA        |
|                           | PROPOSED CUT AREA         |
| DELINEATION SURVEY POINTS |                           |
| OP                        | OBSERVATION POINT         |
| W                         | WATER OR WETLAND BOUNDARY |
| OHWM                      | ORDINARY HIGH WATER MARK  |

| QUANTITY TABLE - WATER 5 |          |        |
|--------------------------|----------|--------|
| BOUNDARY AREA:           | 0.07 AC  |        |
|                          | AREA     | VOLUME |
| ROAD (CONCRETE) FILL     | 0.0 AC   | 0 CY   |
| EARTHEN FILL             | 0.010 AC | 9 CY   |
| EARTHEN CUT              | 0.012 AC | 24 CY  |
| CULVERT PIPE             | 0.021 AC | 51 CY  |

NOTES:

1. WETLANDS, WATERS, AND ORDINARY HIGH WATER MARKS SHOWN WERE IDENTIFIED BY OTHERS.
2. CUT AND FILL QUANTITIES WERE CALCULATED AS VOLUMES BELOW THE ORDINARY HIGH WATER MARKS, WETLAND, OR WATER ELEVATIONS.



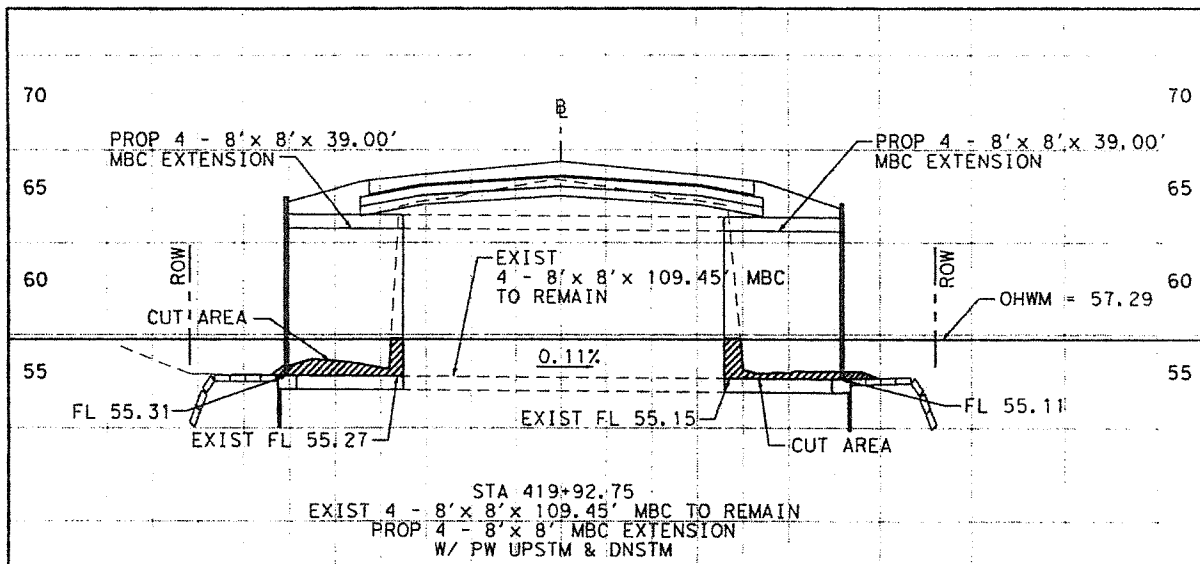
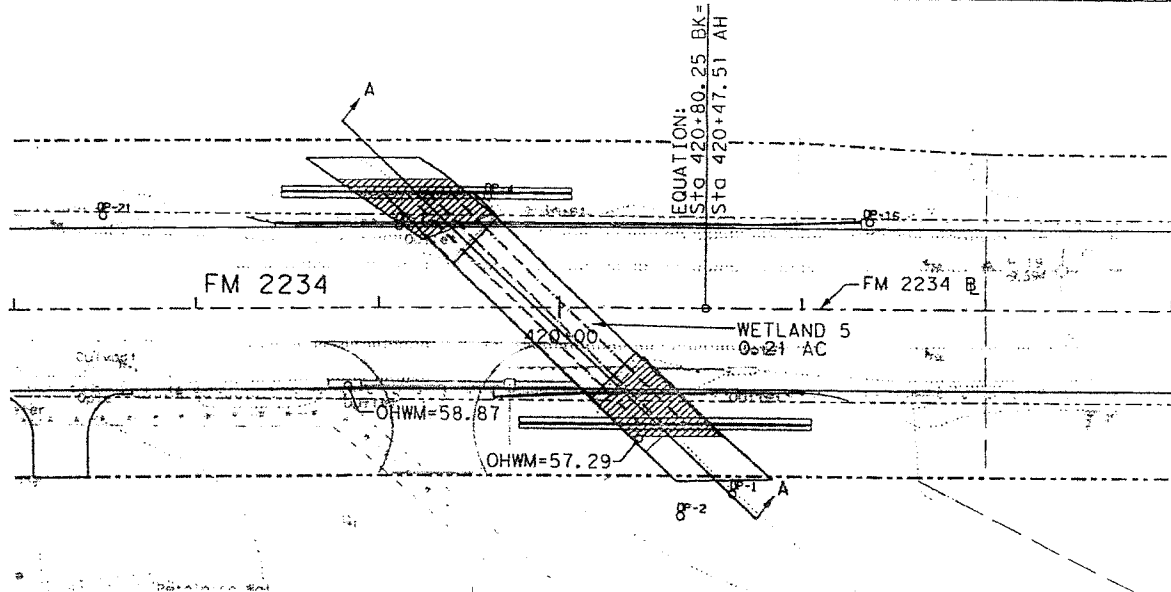
WETLAND AND WATER  
DETAIL SHEETS OF  
FM 2234 WIDENING

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Engineers • Surveyors • GIS

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SECTION A-A  
SCALE 1"=60' (H)  
1"=10' (V)

| LEGEND                    |                           |
|---------------------------|---------------------------|
|                           | WETLAND BOUNDARY AREA     |
|                           | PROPOSED FILL AREA        |
|                           | PROPOSED CUT AREA         |
| DELINEATION SURVEY POINTS |                           |
| OP                        | OBSERVATION POINT         |
| W                         | WATER OR WETLAND BOUNDARY |
| OHWM                      | ORDINARY HIGH WATER MARK  |

| QUANTITY TABLE - WETLAND 5 |          |        |
|----------------------------|----------|--------|
| BOUNDARY AREA:             | 0.21 AC  |        |
|                            | AREA     | VOLUME |
| ROAD (CONCRETE) FILL       | 0.0 AC   | 0 CY   |
| EARTHEN FILL               | 0.0 AC   | 0 CY   |
| EARTHEN CUT                | 0.020 AC | 10 CY  |
| CULVERT PIPE               | 0.051 AC | 52 CY  |

PERMITTED PLANS

0 50 100  
SCALE: 1" = 100' (H)

NOTES:

1. WETLANDS, WATERS, AND ORDINARY HIGH WATER MARKS SHOWN WERE IDENTIFIED BY OTHERS.
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WETLAND AND WATER  
DETAIL SHEETS OF  
FM 2234 WIDENING

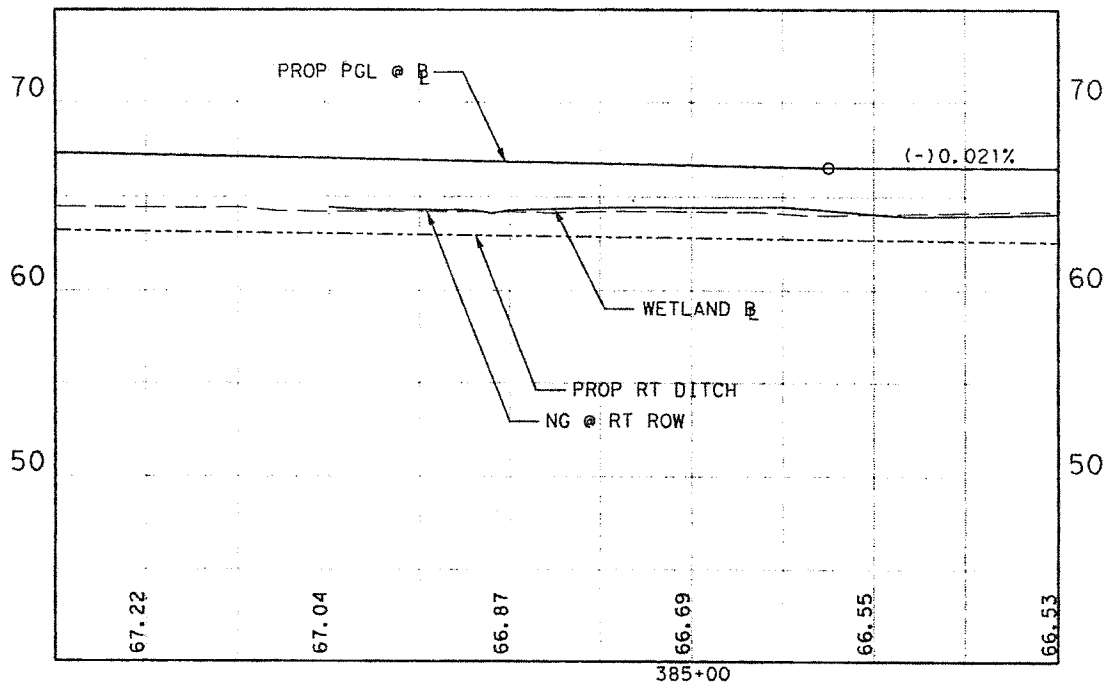
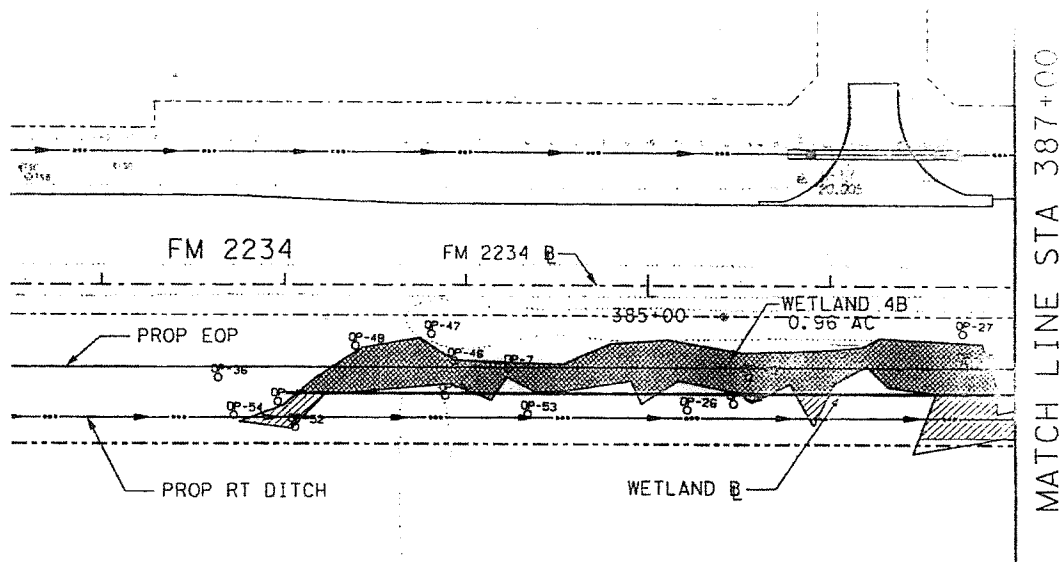
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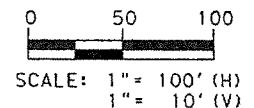
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| LEGEND                    |                           |
|---------------------------|---------------------------|
|                           | WETLAND BOUNDARY AREA     |
|                           | PROPOSED FILL AREA        |
|                           | PROPOSED CUT AREA         |
| DELINEATION SURVEY POINTS |                           |
| OP                        | OBSERVATION POINT         |
| W                         | WATER OR WETLAND BOUNDARY |
| OHWM                      | ORDINARY HIGH WATER MARK  |

| QUANTITY TABLE - WETLAND 4B<br>(TOTAL FOR SHEETS 4-6) |          |        |
|-------------------------------------------------------|----------|--------|
| BOUNDARY AREA:                                        | 0.96 AC  |        |
|                                                       | AREA     | VOLUME |
| ROAD (CONCRETE) FILL                                  | 0.066 AC | 65 CY  |
| EARTHEN FILL                                          | 0.362 AC | 204 CY |
| ROADSIDE DITCH CUT                                    | 0.355 AC | 704 CY |

PERMITTED PLANS



#### NOTES:

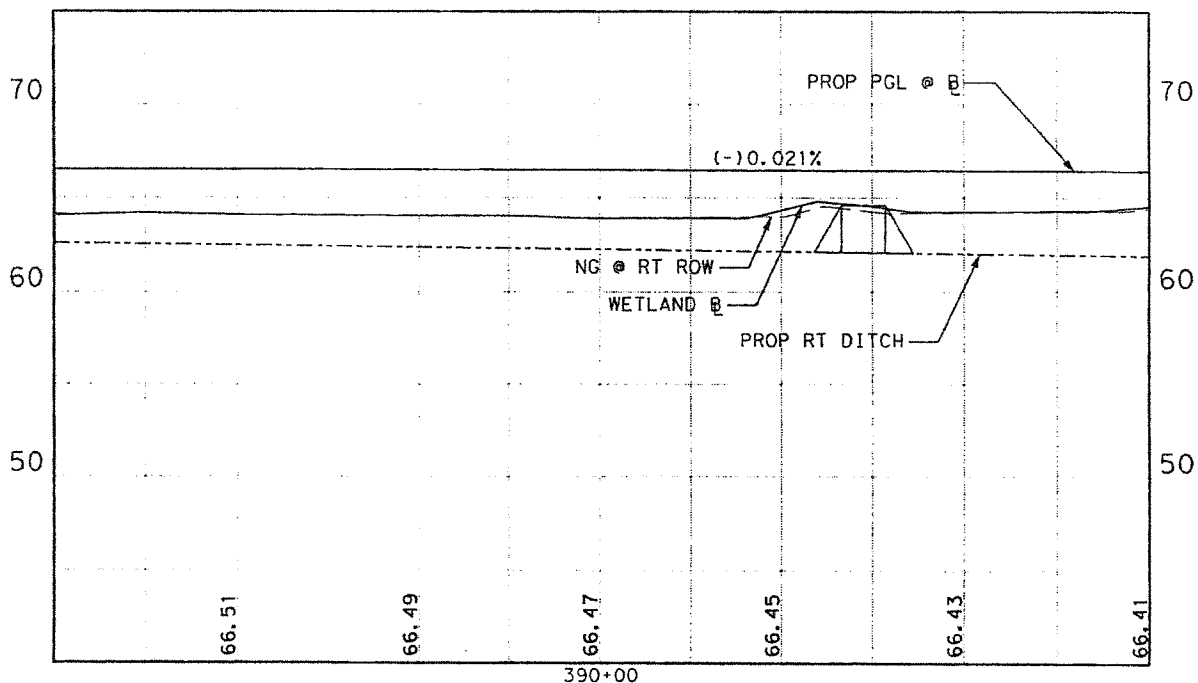
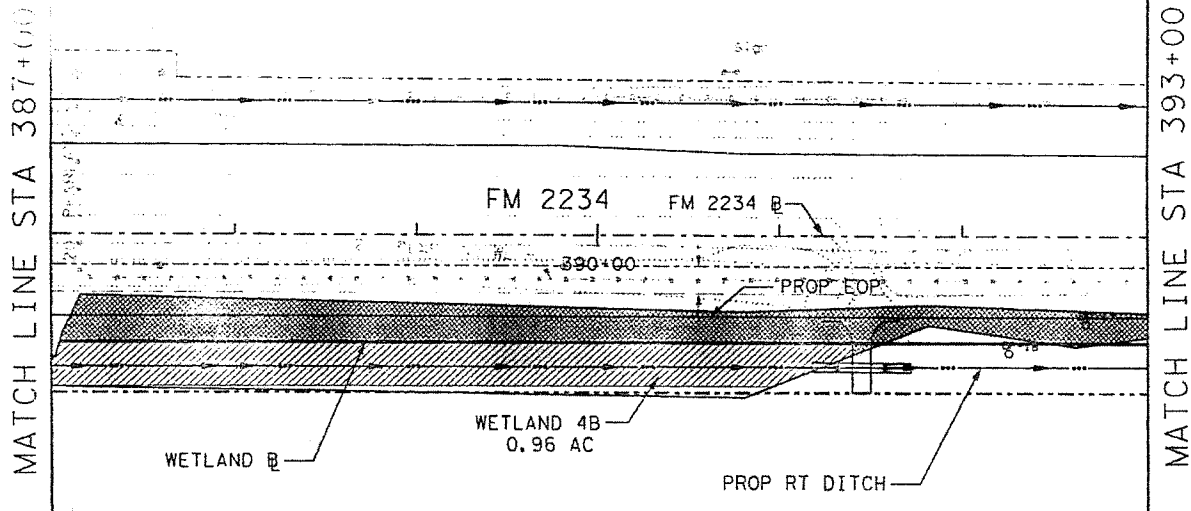
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2. CUT AND FILL QUANTITIES WERE CALCULATED AS VOLUMES BELOW THE ORDINARY HIGH WATER MARKS, WETLAND, OR WATER ELEVATIONS.
3. TYPICAL ROADWAY SECTION FOR CUT/ FILL AREAS SHOWN



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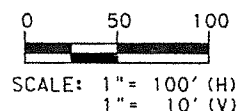
# LEGEND

|                           |                           |
|---------------------------|---------------------------|
|                           | WETLAND BOUNDARY AREA     |
|                           | PROPOSED FILL AREA        |
|                           | PROPOSED CUT AREA         |
| DELINEATION SURVEY POINTS |                           |
| OP                        | OBSERVATION POINT         |
| W                         | WATER OR WETLAND BOUNDARY |
| OHWM                      | ORDINARY HIGH WATER MARK  |

# QUANTITY TABLE - WETLAND 4B (TOTAL FOR SHEETS 4-6)

|                      |                 |
|----------------------|-----------------|
| BOUNDARY AREA:       | 0.96 AC         |
|                      | AREA VOLUME     |
| ROAD (CONCRETE) FILL | 0.066 AC 65 CY  |
| EARTHEN FILL         | 0.362 AC 204 CY |
| ROADSIDE DITCH CUT   | 0.355 AC 704 CY |

# PERMITTED PLANS



# NOTES:

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# WETLAND AND WATER DETAIL SHEETS OF FM 2234 WIDENING

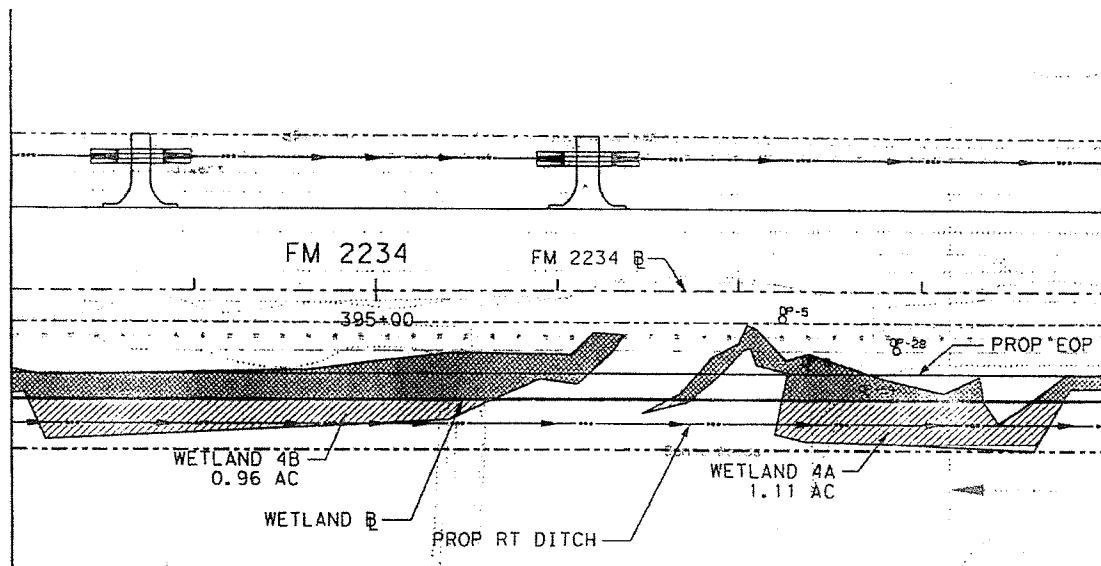
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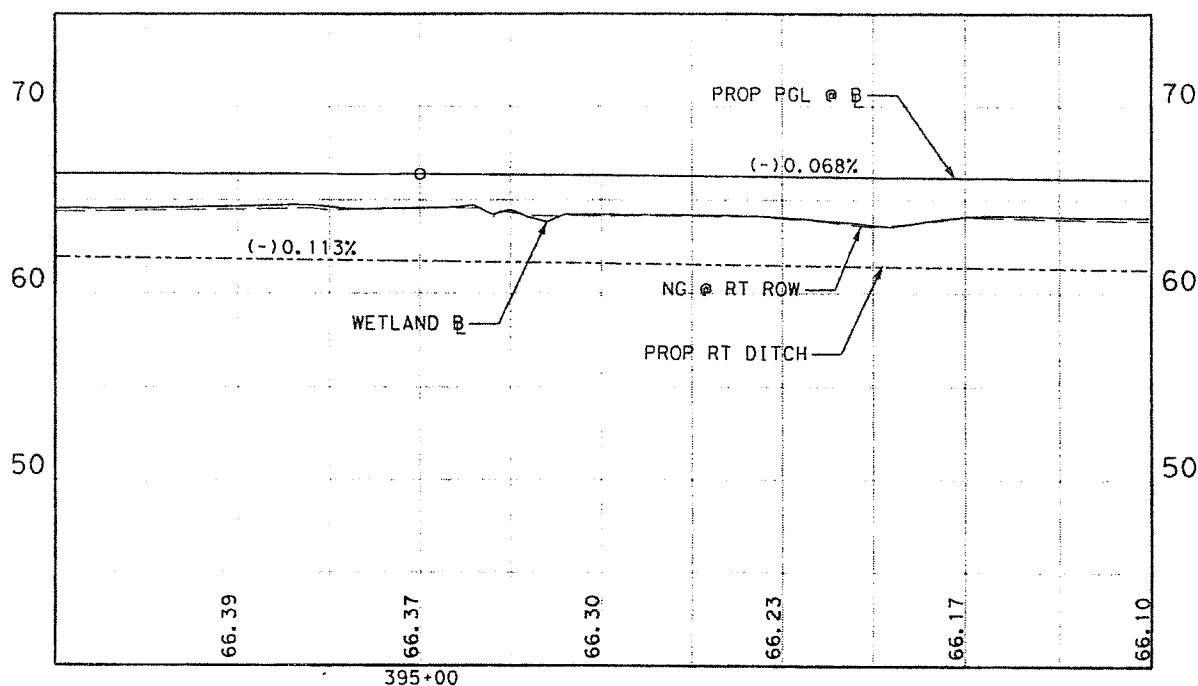
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MATCH LINE STA 393+00



MATCH LINE STA 399+00



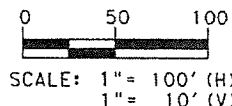
# LEGEND

|                                  |                           |
|----------------------------------|---------------------------|
|                                  | WETLAND BOUNDARY AREA     |
|                                  | PROPOSED FILL AREA        |
|                                  | PROPOSED CUT AREA         |
| <b>DELINEATION SURVEY POINTS</b> |                           |
| OP                               | OBSERVATION POINT         |
| W                                | WATER OR WETLAND BOUNDARY |
| OHWM                             | ORDINARY HIGH WATER MARK  |

# QUANTITY TABLE - WETLAND 4B (TOTAL FOR SHEETS 4-6)

|                      |          |        |
|----------------------|----------|--------|
| BOUNDARY AREA:       | 0.96 AC  |        |
|                      | AREA     | VOLUME |
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| EARTHEN FILL         | 0.362 AC | 204 CY |
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# PERMITTED PLANS



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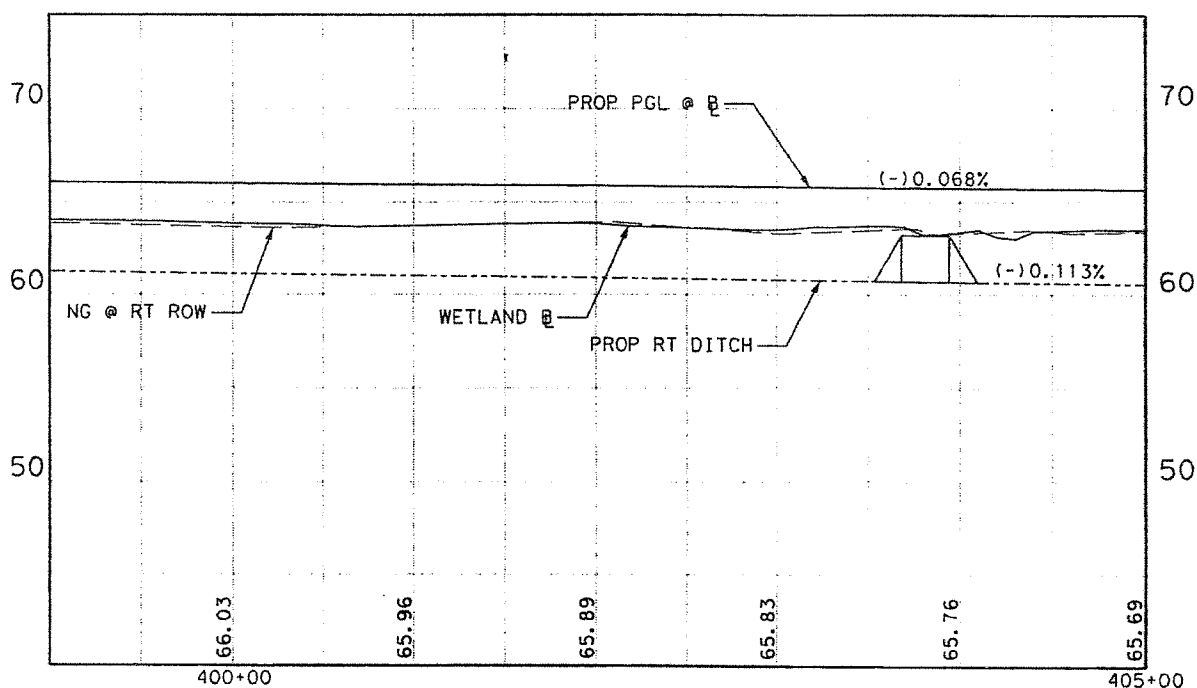
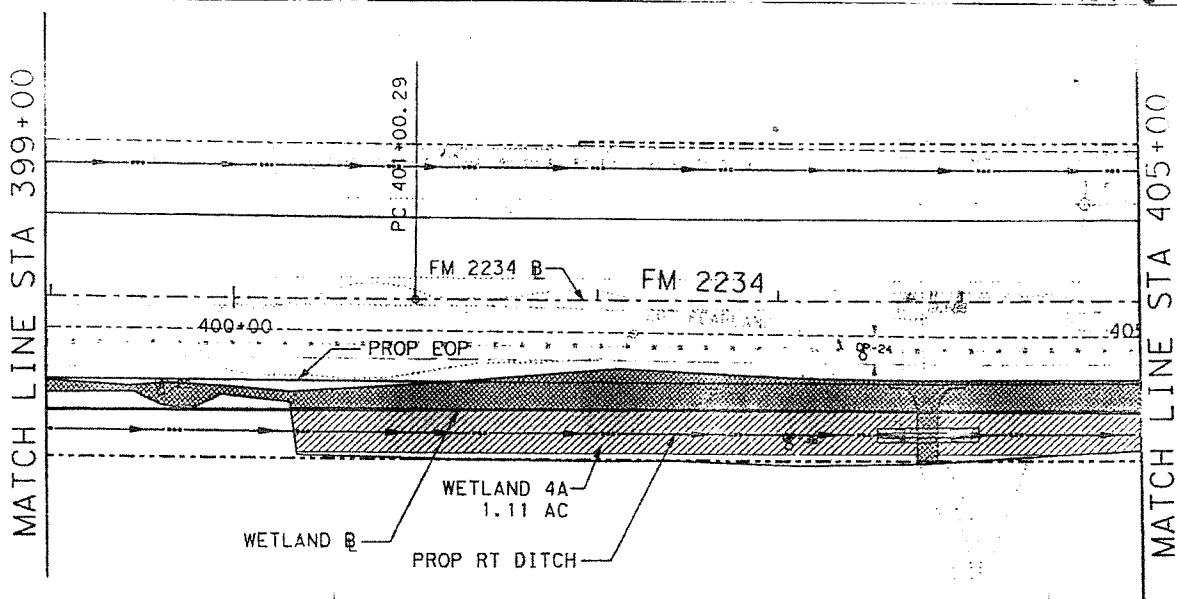


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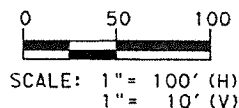
# LEGEND

|                                  |                           |
|----------------------------------|---------------------------|
|                                  | WETLAND BOUNDARY AREA     |
|                                  | PROPOSED FILL AREA        |
|                                  | PROPOSED CUT AREA         |
| <b>DELINEATION SURVEY POINTS</b> |                           |
| OP                               | OBSERVATION POINT         |
| W                                | WATER OR WETLAND BOUNDARY |
| OHWM                             | ORDINARY HIGH WATER MARK  |

# QUANTITY TABLE - WETLAND 4A (TOTAL FOR SHEETS 7-9)

|                      |          |         |
|----------------------|----------|---------|
| BOUNDARY AREA:       | 1.11 AC  |         |
|                      | AREA     | VOLUME  |
| ROAD (CONCRETE) FILL | 0.053 AC | 24 CY   |
| EARTHEN FILL         | 0.384 AC | 112 CY  |
| ROADSIDE DITCH CUT   | 0.623 AC | 1185 CY |

# PERMITTED PLANS



# NOTES:

1. WETLANDS, WATERS, AND ORDINARY HIGH WATER MARKS SHOWN WERE IDENTIFIED BY OTHERS.
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# WETLAND AND WATER DETAIL SHEETS OF FM 2234 WIDENING

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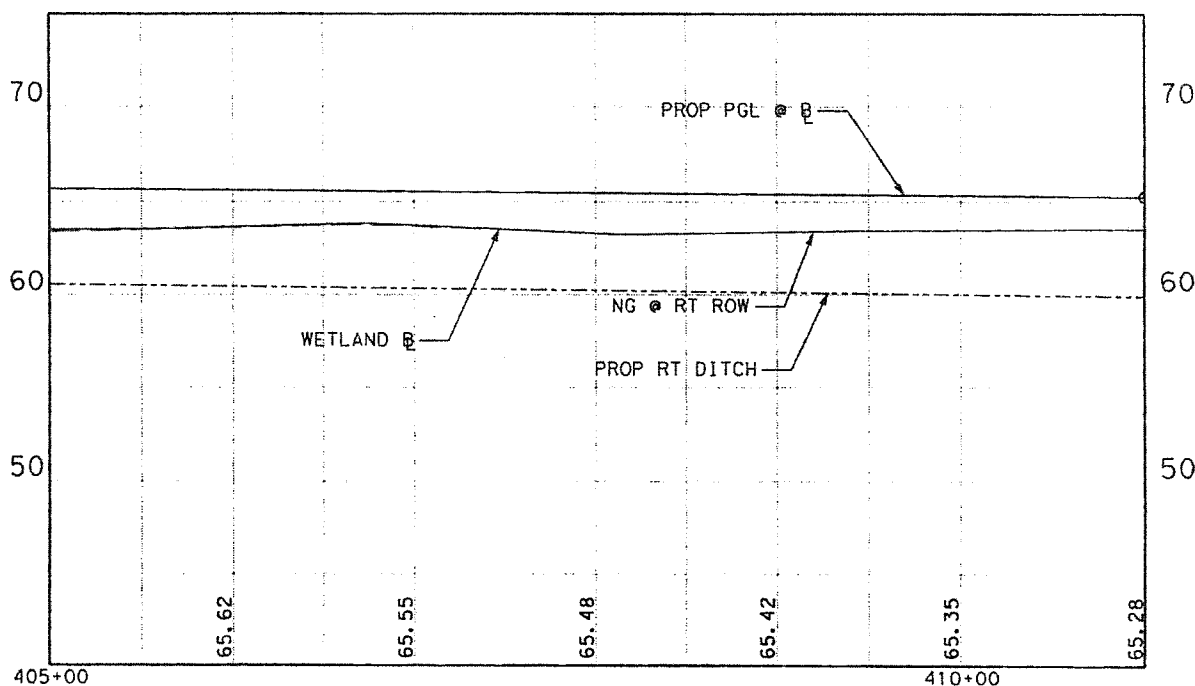
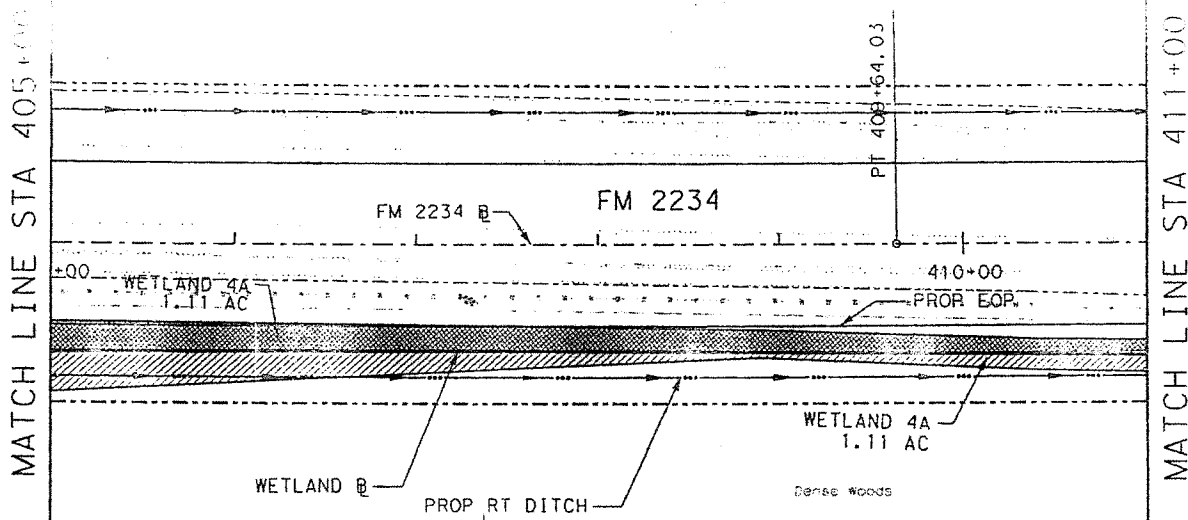
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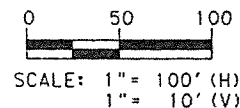
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| LEGEND                    |                           |
|---------------------------|---------------------------|
|                           | WETLAND BOUNDARY AREA     |
|                           | PROPOSED FILL AREA        |
|                           | PROPOSED CUT AREA         |
| DELINEATION SURVEY POINTS |                           |
| OP                        | OBSERVATION POINT         |
| W                         | WATER OR WETLAND BOUNDARY |
| OHWM                      | ORDINARY HIGH WATER MARK  |

| QUANTITY TABLE - WETLAND 4A<br>(TOTAL FOR SHEETS 7-9) |          |         |
|-------------------------------------------------------|----------|---------|
| BOUNDARY AREA:                                        | 1.11 AC  |         |
|                                                       | AREA     | VOLUME  |
| ROAD (CONCRETE) FILL                                  | 0.053 AC | 24 CY   |
| EARTHEN FILL                                          | 0.384 AC | 112 CY  |
| ROADSIDE DITCH CUT                                    | 0.623 AC | 1185 CY |

PERMITTED PLANS



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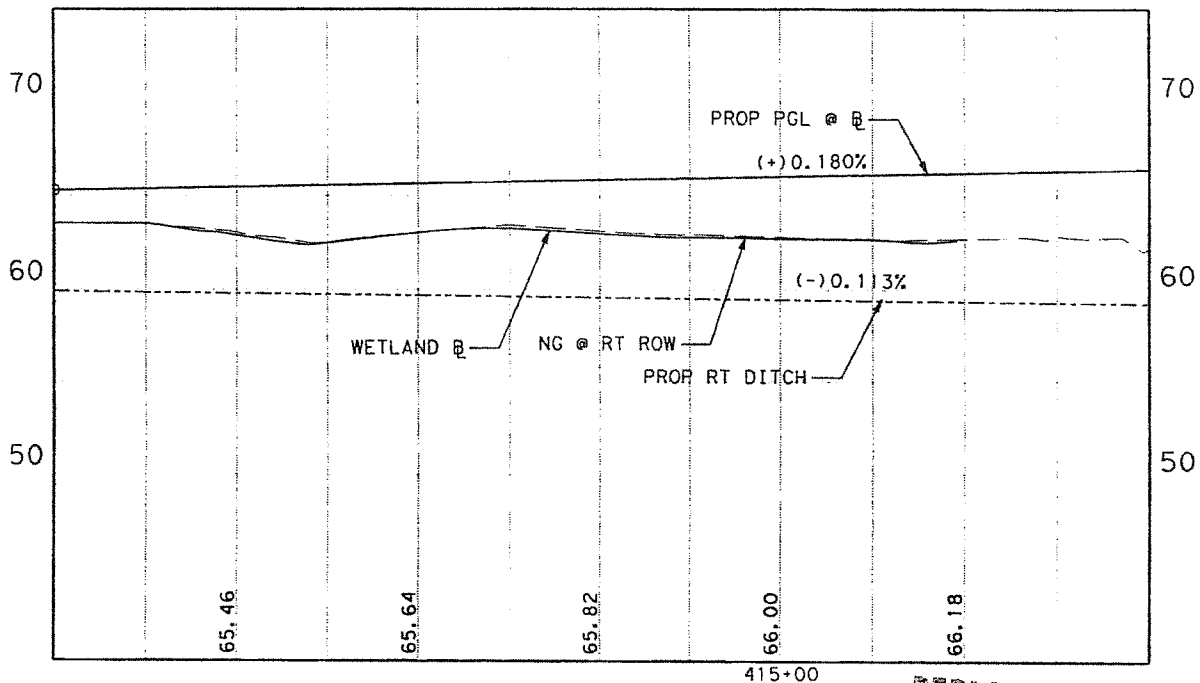
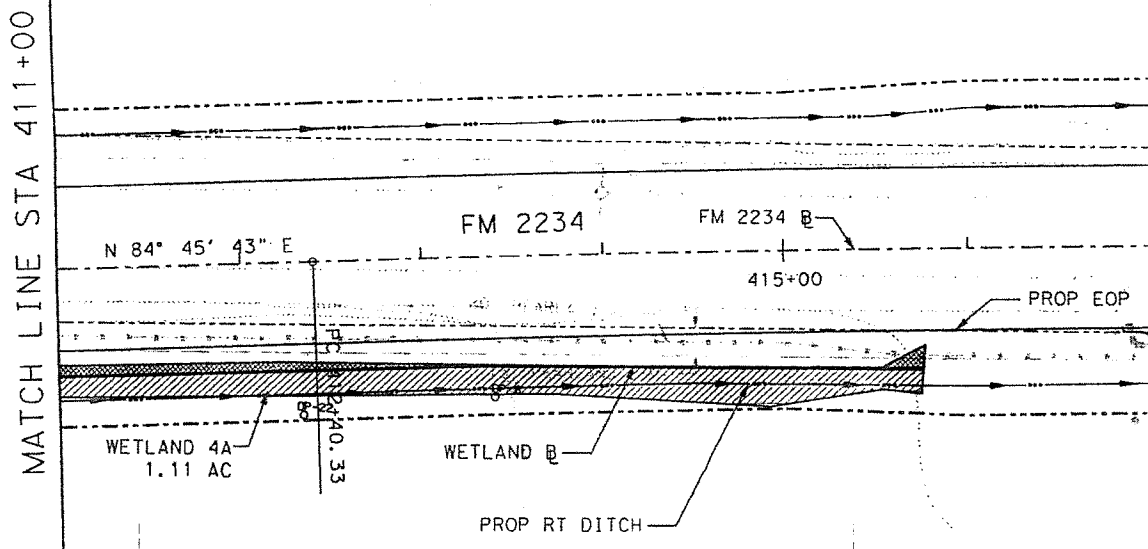


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PERMITTED PLAN

| LEGEND                    |                           |
|---------------------------|---------------------------|
|                           | WETLAND BOUNDARY AREA     |
|                           | PROPOSED FILL AREA        |
|                           | PROPOSED CUT AREA         |
| DELINEATION SURVEY POINTS |                           |
| OP                        | OBSERVATION POINT         |
| W                         | WATER OR WETLAND BOUNDARY |
| OHWM                      | ORDINARY HIGH WATER MARK  |

| QUANTITY TABLE - WETLAND 4A<br>(TOTAL FOR SHEETS 7-9) |          |         |
|-------------------------------------------------------|----------|---------|
| BOUNDARY AREA:                                        | 1.11 AC  |         |
|                                                       | AREA     | VOLUME  |
| ROAD (CONCRETE) FILL                                  | 0.053 AC | 24 CY   |
| EARTHEN FILL                                          | 0.384 AC | 112 CY  |
| ROADSIDE DITCH CUT                                    | 0.623 AC | 1185 CY |

0 50 100  
SCALE: 1" = 100' (H)  
1" = 10' (V)

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WETLAND AND WATER  
DETAIL SHEETS OF  
FM 2234 WIDENING

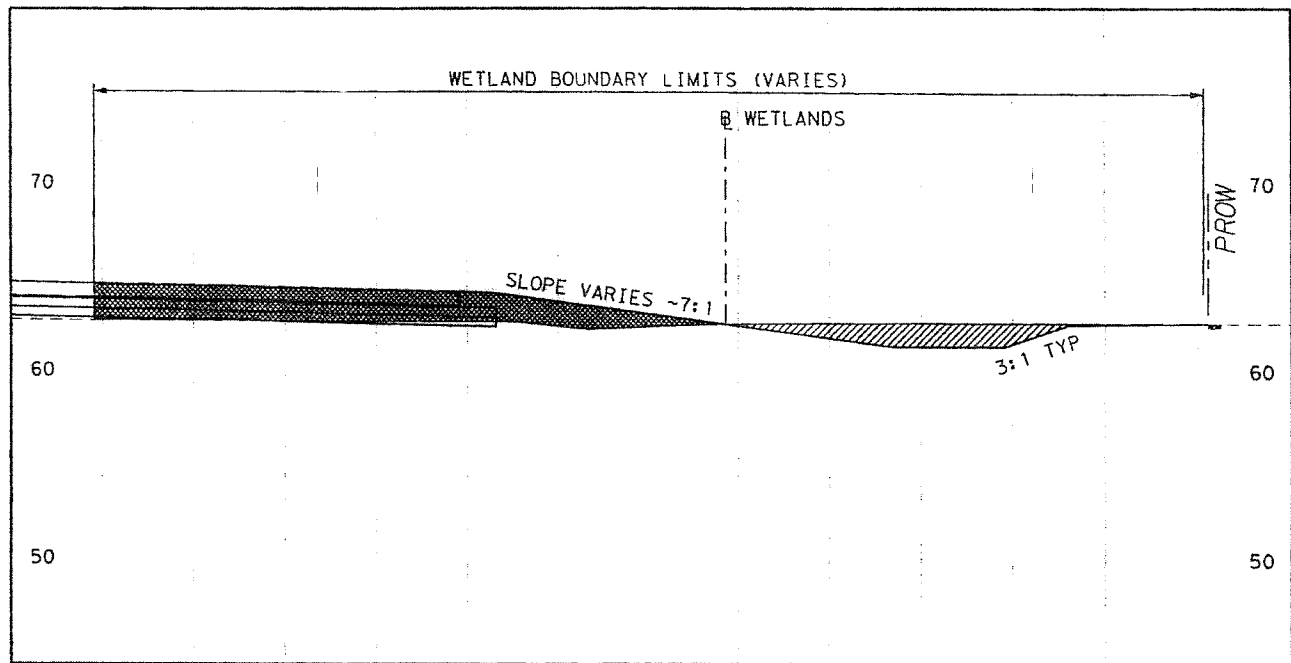
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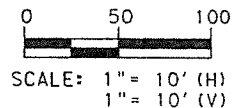
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TYPICAL ROADWAY SECTION  
CUT/ FILL AREAS  
WETLAND 4A - 4B



| LEGEND |                    |
|--------|--------------------|
|        | PROPOSED FILL AREA |
|        | PROPOSED CUT AREA  |

PERMITTED PLANS



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