STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY

IN BUTTE COUNTY
IN AND NEAR THE CITY OF OROVILLE
ON ROUTE 70
FROM 1.6 KILOMETERS EAST OF PALERMO ROAD TO 0.5 KILOMETERS WEST OF ROUTE 162

To be supplemented by Standard Plans dated July, 1999

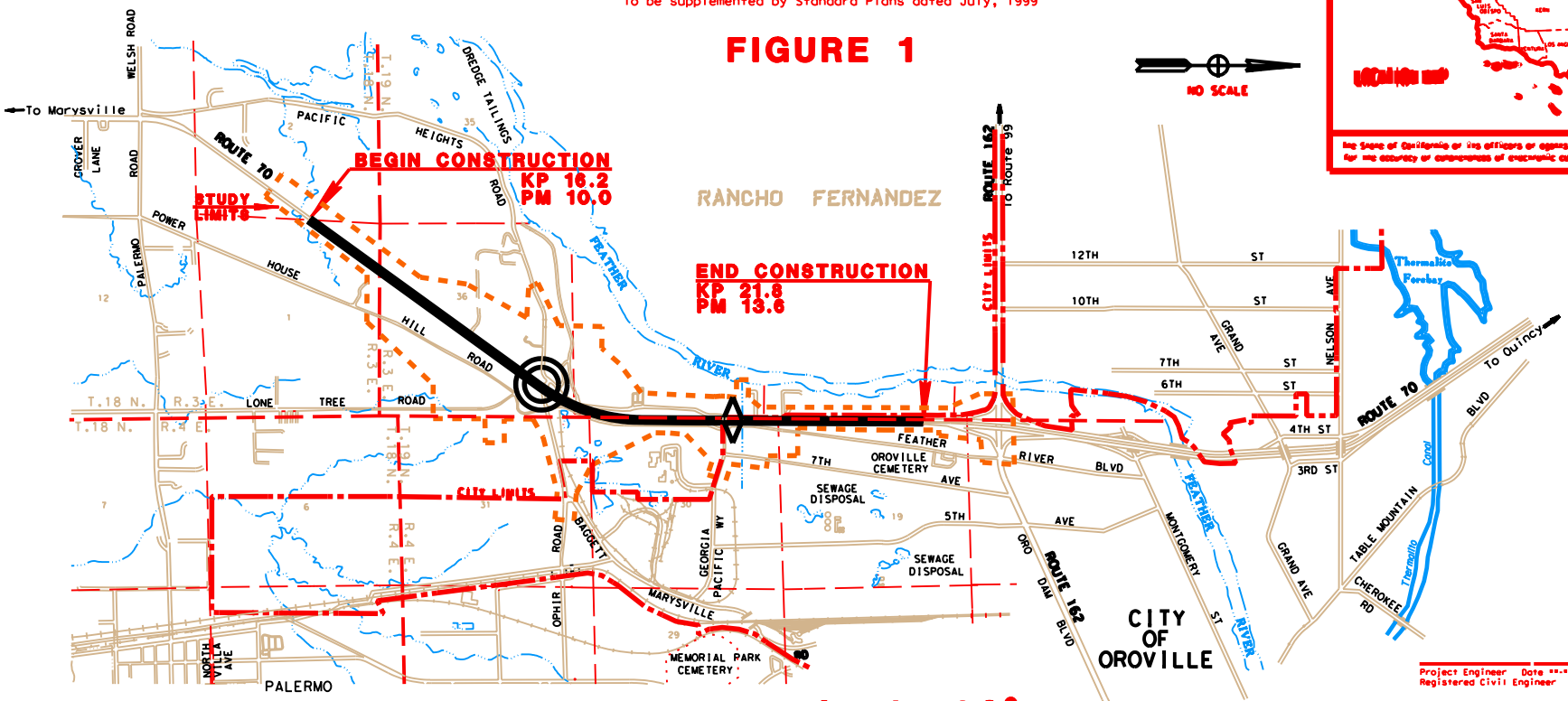
DIST	COUNTY	ROUTE	TOTAL PROJECT LENGTH	SHEET NO.	TOTAL SHEETS
03	But	70	16.2/21.8	1	

LEGEND

- OPHIR ROAD OVERCROSSING & INTERCHANGE
- GEORGIA PACIFIC WAY OVERCROSSING ONLY

FIGURE 1

NO SCALE



Angle 90°
Scale 1:18,000

The Contractor shall possess the Class (or Classes) of license as specified in the "Notice to Contractors".

Project Engineer Date
Registered Civil Engineer

Plans Approval Date

ATTACHMENT A
HE-13
STIP

Contract No. 03-3A6304

PROJECT ENGINEER: F. HELM
PROJECT MANAGER: B. BAJWA

FORM DC-OE-93-PF (REV. 3/88)

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE => $REQUEST

CU 03226 | EA 3A6300

DATE PLOTTED => $DATE
PLOT TIME => $TIME

08-10-01

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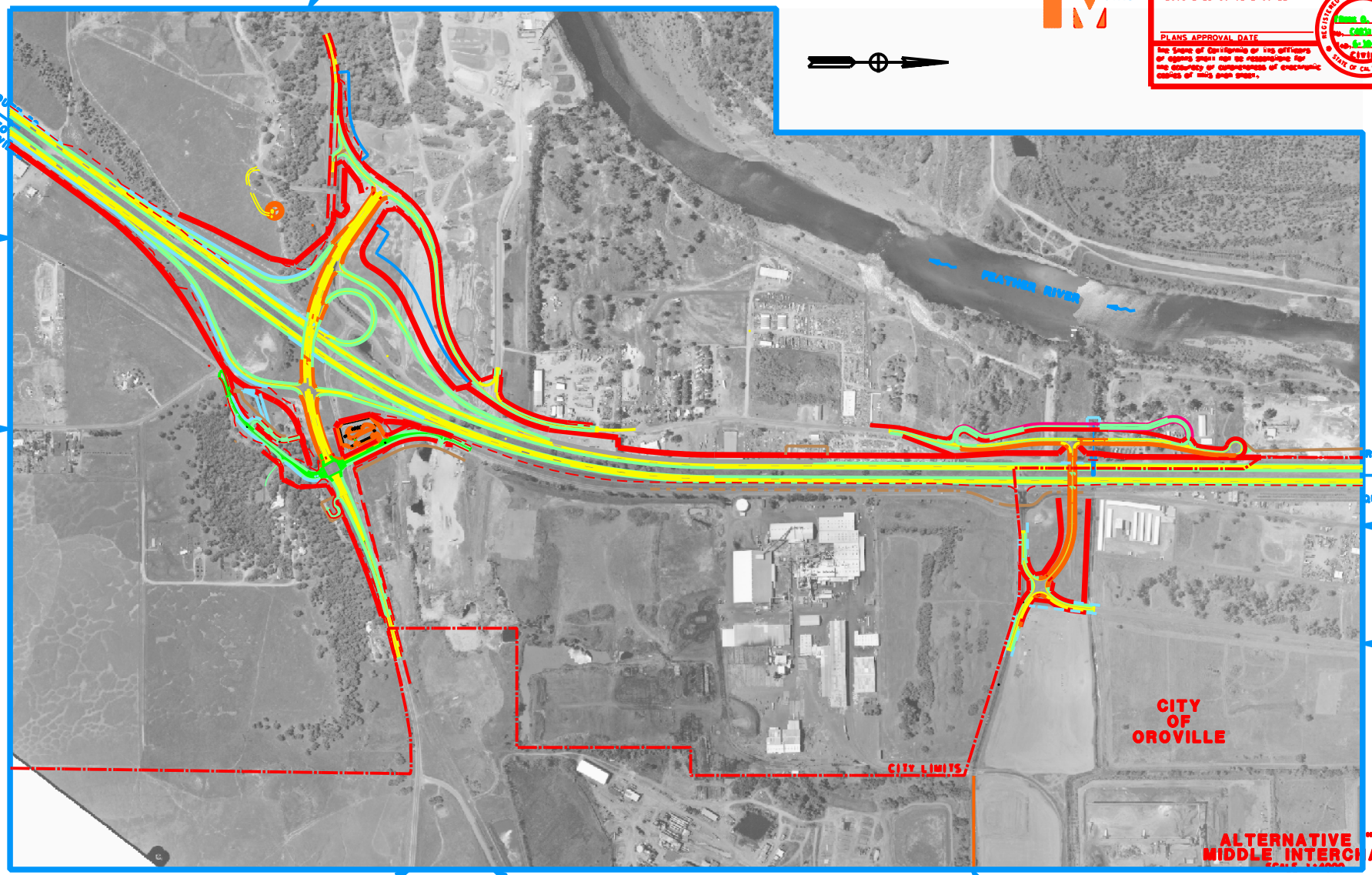
NOTES:

1. PRELIMINARY MAPPING FOR STUDY PURPOSES ONLY

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	Butt	70	16.2/21.7		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE



ALTERNATIVE "D"
MIDDLE INTERCHANGE

D-2

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY

PROJECT ENGINEER: FRANK HELM

DIVISION OF DESIGN

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PLOT TIME => $TIME

12-17-01

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CU 03226

EA 306304

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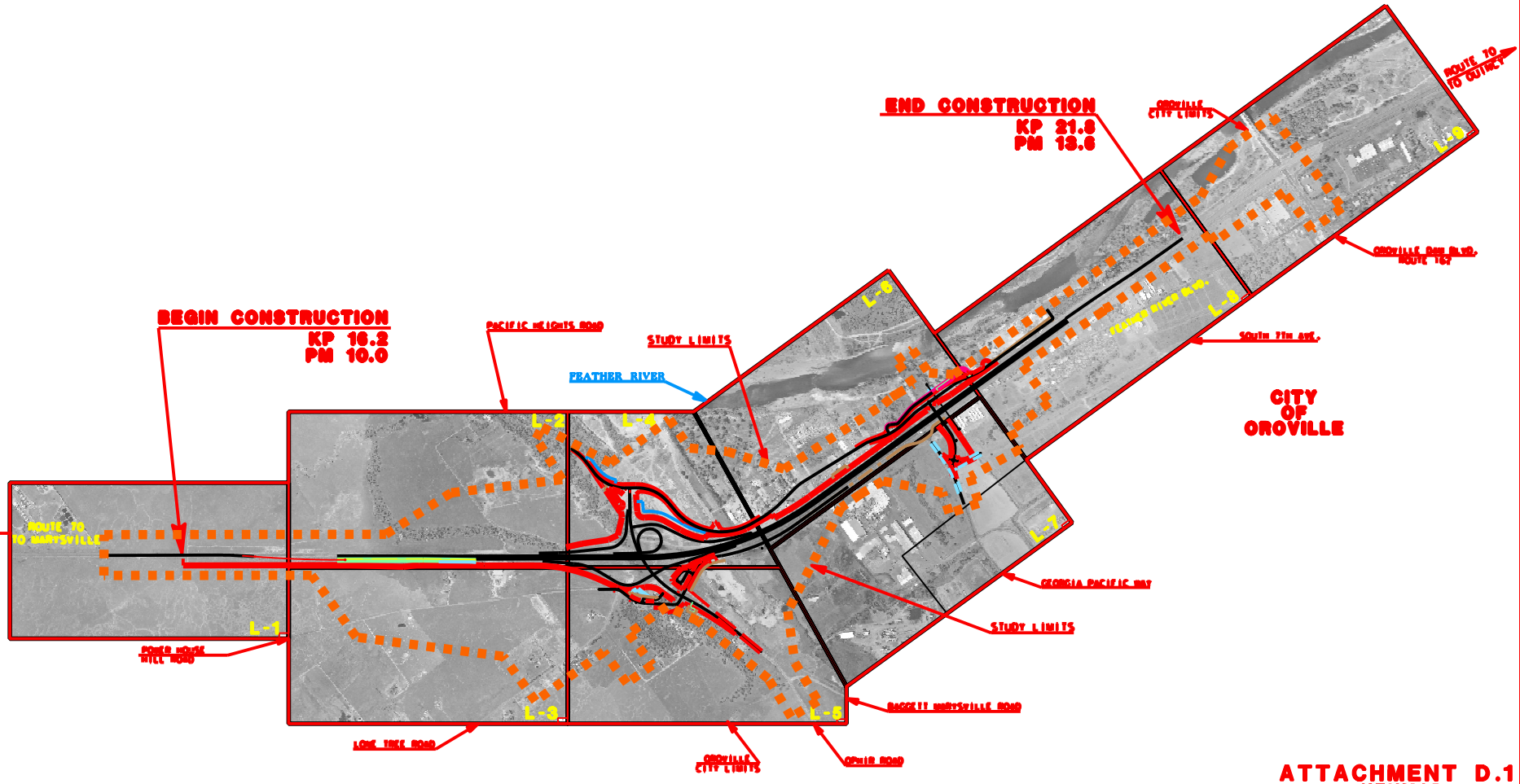
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

NOTES:

ML-# ALTERNATIVE D (MIDDLE INTERCHANGE)



ATTACHMENT D.1
KEYMAP
SCALE 1:10000

K-1

DIVISION OF DESIGN

PROJECT ENGINEER FRANK HELM

CALCULATED/DESIGNED BY

CHECKED BY

DATE REVISED BY

DATE REVISED

/projects/d3a630/drafting/3a6300da01.dgn

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CU 03226

EA 346301

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LAST REVISED 12-17-01

...\d3a630\drafting\3a6300da01.dgn 12/20/2004 04:47:34 PM

NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER 0 100 200 300

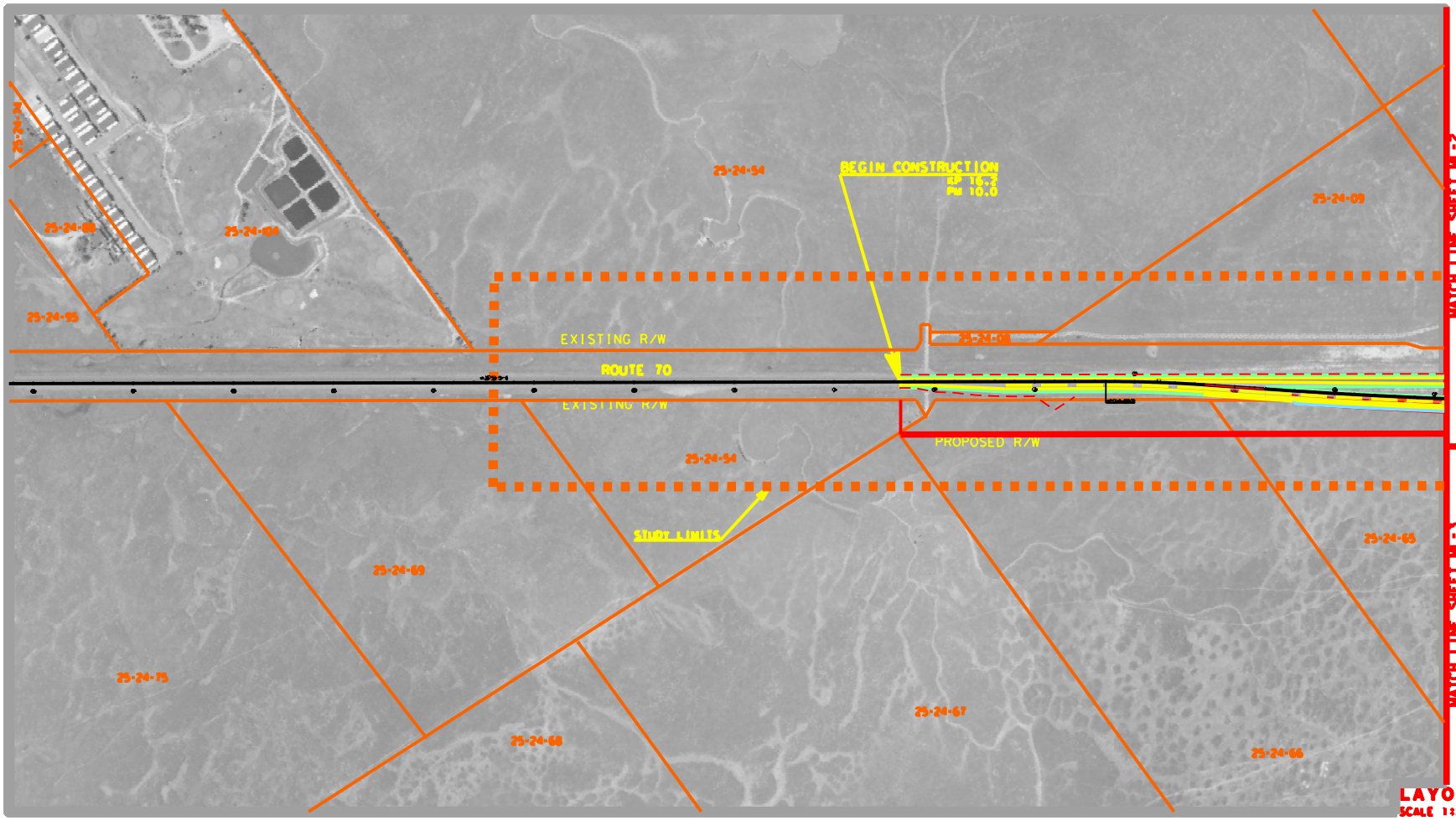
FEET SCALE 0 200 400 600 800 1000

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	But	70	16.2/24.7		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

MIDDLE INTERCHANGE ALTERNATIVE D



LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-1

DIVISION OF DESIGN

FRANK O HELM

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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CU 03226

EA 306300

DATE PLOTTED => $DATE
PLOT TIME => $TIME

06-12-02

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NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER 0 100 200 300

FEET 0 200 400 600 800 1000

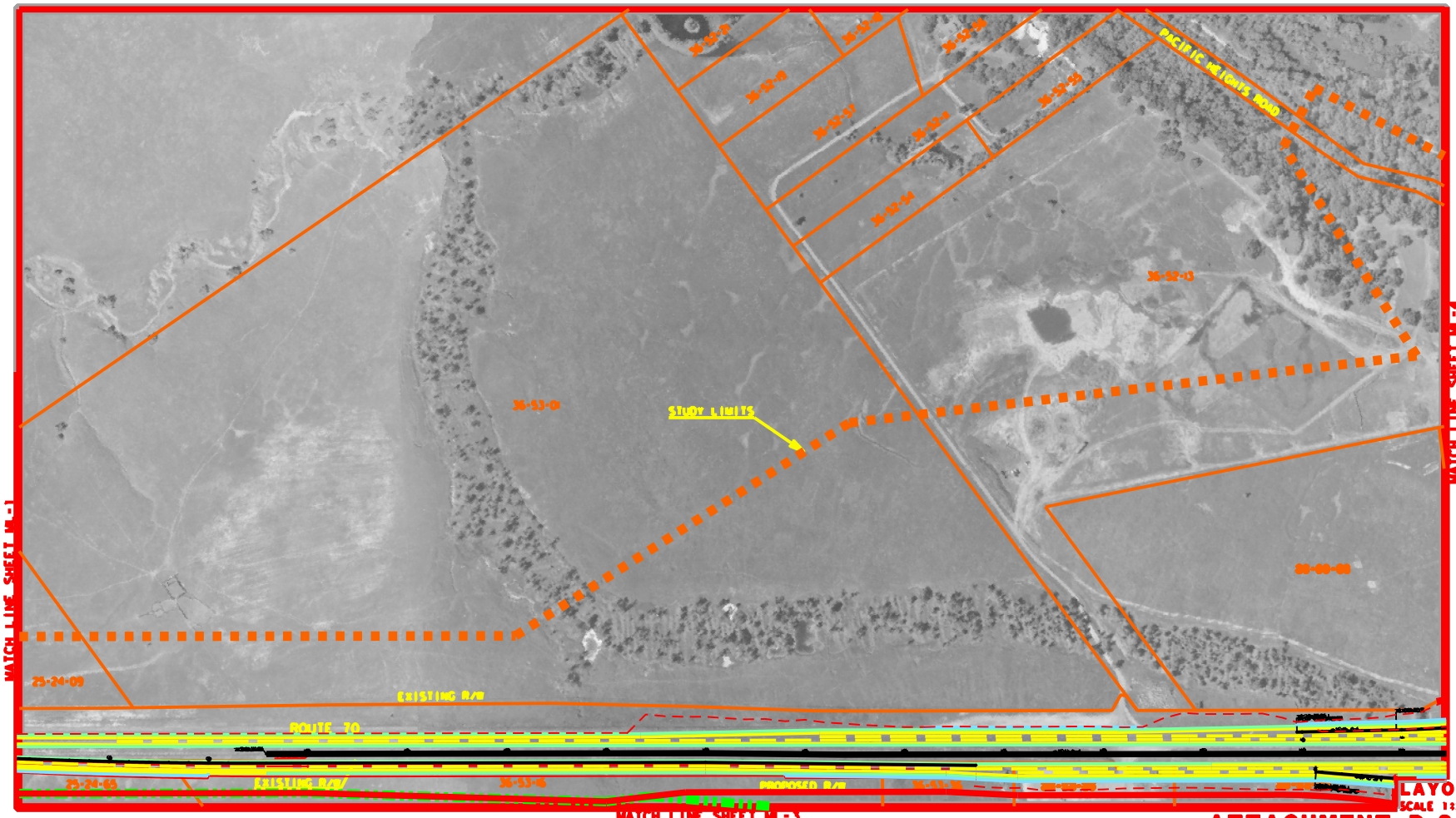
SCALE

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

MIDDLE INTERCHANGE ALTERNATIVE D



LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-2

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06-12-02

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DGN FILE => $REQUEST

CU 03226

EA 306300

DIVISION OF DESIGN

PROJECT ENGINEER FRANK O HELM

CALCULATED/DESIGNED BY

CHECKED BY

DATE REVISED BY

DATE REVISED

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NOTES:

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2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER 0 100 200 300

FEET 0 200 400 600 800 1000

SCALE

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

MIDDLE INTERCHANGE ALTERNATIVE D

MATCH LINE SHEET ML-2

LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-3

DATE REVISED BY | DATE REVISED

CALCULATED/DESIGNED BY | CHECKED BY

PROJECT ENGINEER: FRANK O HELM

DIVISION OF DESIGN

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PLOT TIME => $TIME

06-12-02

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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CU 03226

EA 3a6300

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NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER 0 100 200 300

FEET 0 200 400 600 800 1000

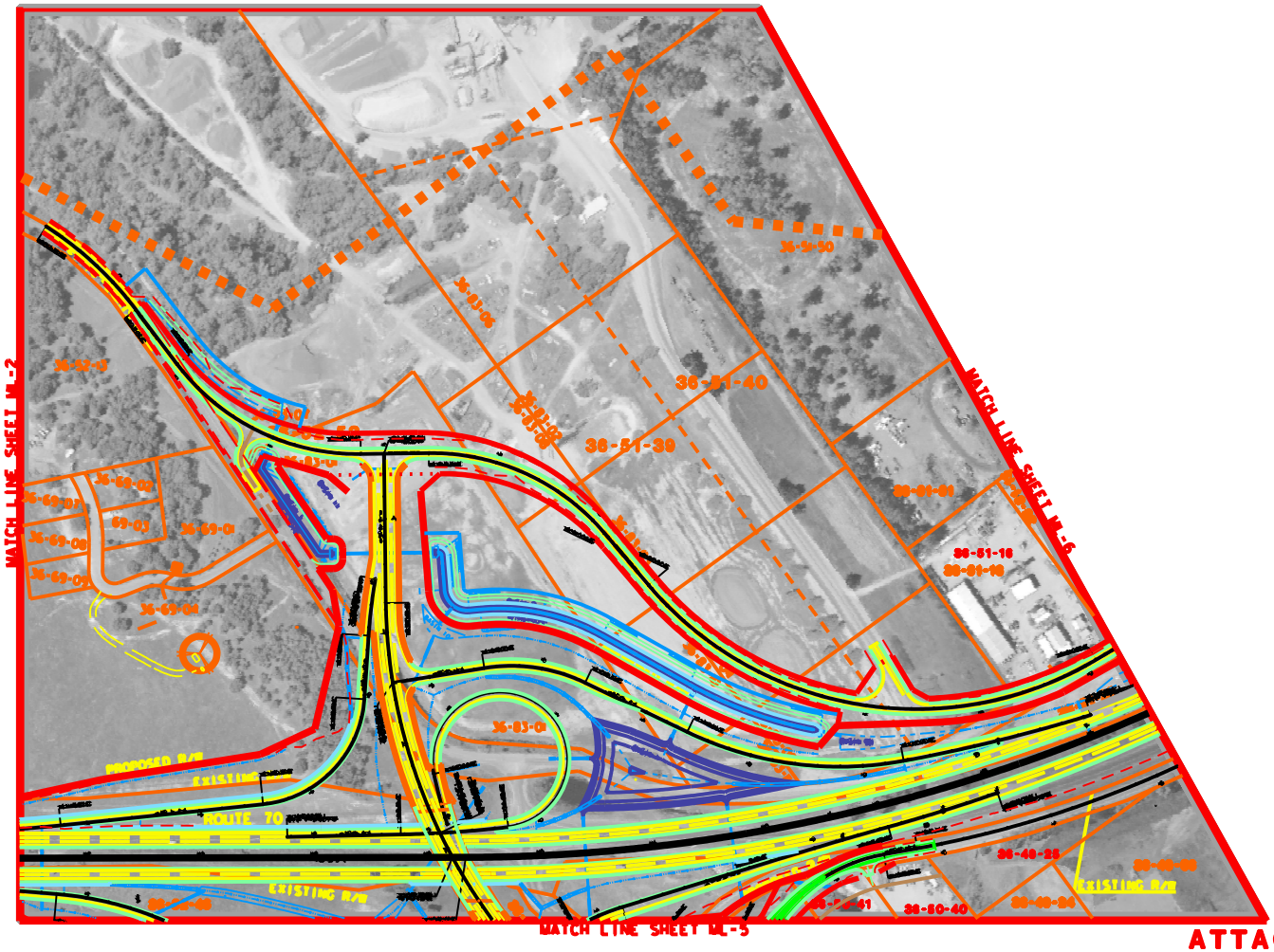
SCALE

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

MIDDLE INTERCHANGE ALTERNATIVE D



LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-4

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DGN FILE => $REQUEST

CU 03226

EA 306300

DATE PLOTTED => $DATE
PLOT TIME => $TIME

08-12-02

DIVISION OF DESIGN

PROJECT ENGINEER FRANK O HELM

CALCULATED/DESIGNED BY

CHECKED BY

DATE REVISED BY

DATE REVISED

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NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER 0 100 200 300

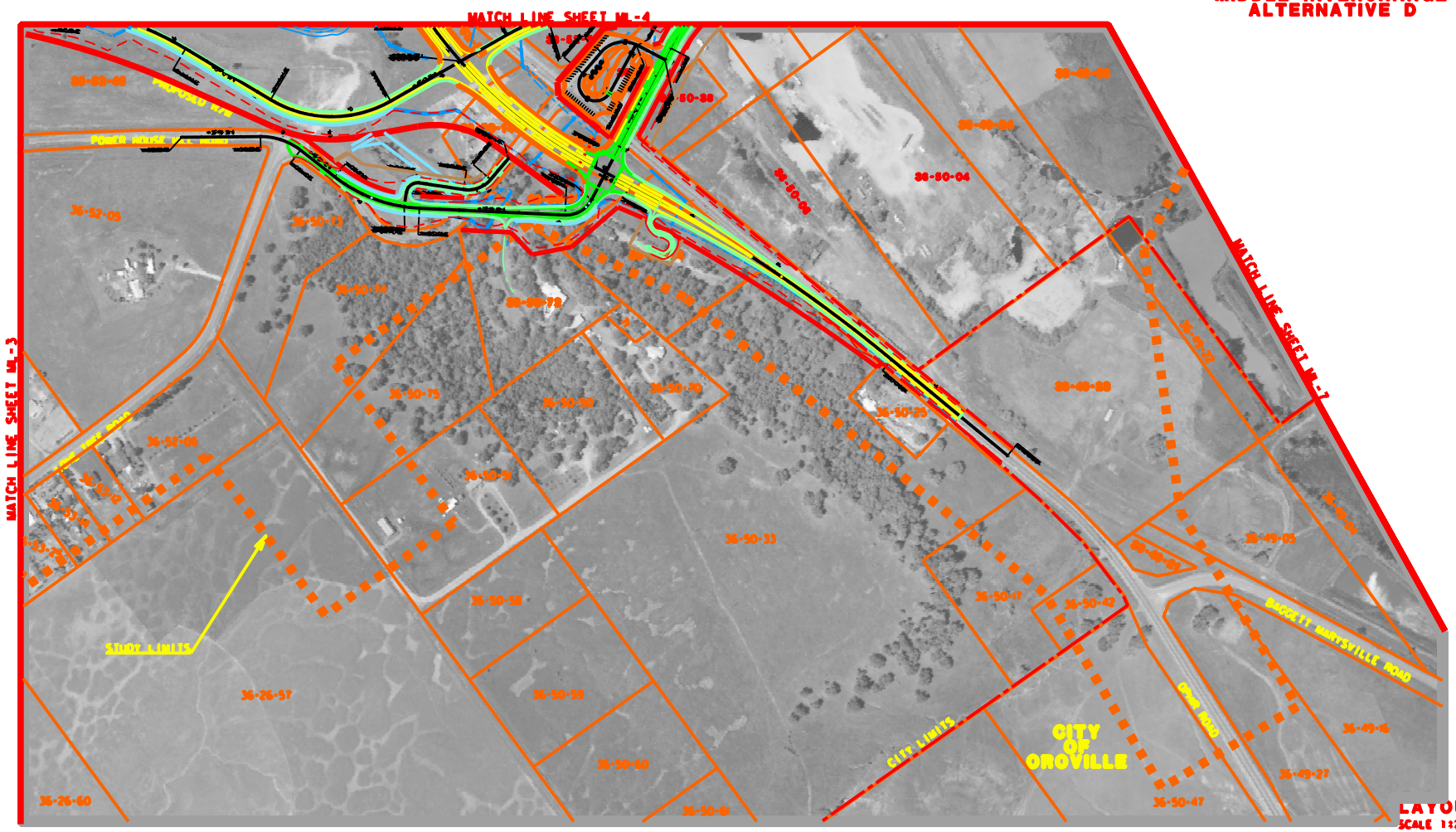
FEET SCALE 0 200 400 600 800 1000

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

MIDDLE INTERCHANGE ALTERNATIVE D



LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-5

DIVISION OF DESIGN

PROJECT ENGINEER: FRANK O HELM

CALCULATED/DESIGNED BY | CHECKED BY | DATE REVISED BY | DATE REVISED

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PLOT TIME => $TIME

06-27-02

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DGN FILE => $REQUEST

CU 03226 | EA 3a6300

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NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER: 0 100 200 300

FEET: 0 200 400 600 800 1000

SCALE

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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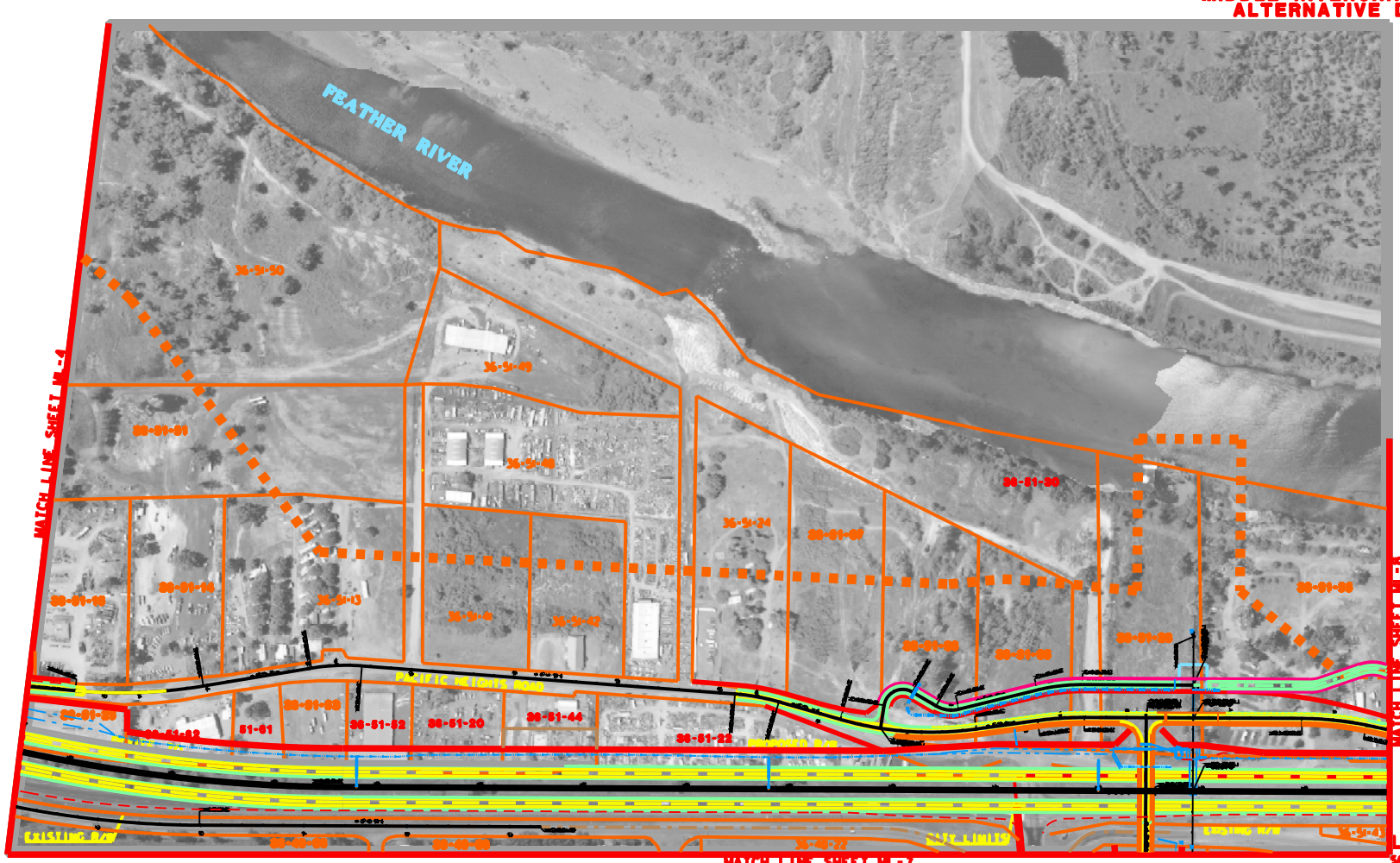
REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA — CIVIL

MIDDLE INTERCHANGE ALTERNATIVE D



LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-6

DATE	REVISED BY	DATE REVISED
CALCULATED/ DESIGNED BY	CHECKED BY	

PROJECT ENGINEER: FRANK O HELM

DIVISION OF DESIGN

DATE PLOTTED => $DATE
PLOT TIME => $TIME

06-12-02

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $USER
DGN FILE => $REQUEST

CU 03226

EA 3a6300

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NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER 0 100 200 300

FEET 0 200 400 600 800 1000

SCALE

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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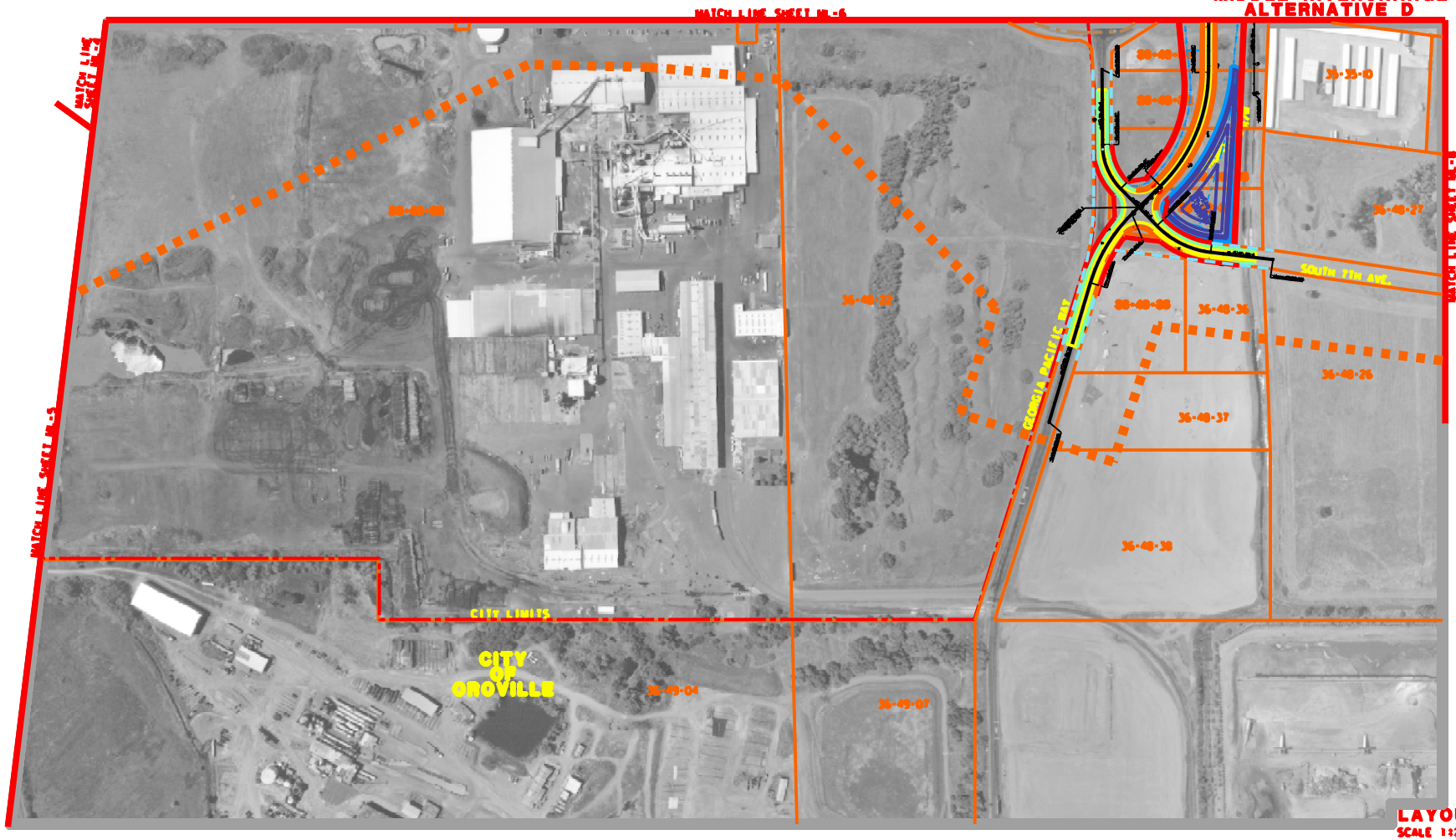
REGISTERED PROFESSIONAL ENGINEER FRANK O. HELM No. C40317 Exp. 6-30-04 Civil STATE OF CALIFORNIA

MIDDLE INTERCHANGE ALTERNATIVE D



LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-7

CALCULATED/ DESIGNED BY	DATE	REVISED BY	DATE REVISED
CHECKED BY			

PROJECT ENGINEER: FRANK O HELM

DIVISION OF DESIGN

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06-12-02

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DGN FILE => $REQUEST

CU 03226

EA 3a6300

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NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER 0 100 200 300

FEET SCALE 0 200 400 600 800 1000

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	Butt	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

MIDDLE INTERCHANGE ALTERNATIVE D

LAYOUT
SCALE 1:2000

ATTACHMENT D.2 ML-8

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE => $REQUEST

CU 03226

EA 306300

DATE PLOTTED => $DATE
PLOT TIME => $TIME

06-12-02

DIVISION OF DESIGN

FRANK O HELM

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NOTES:

1. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
2. UNLESS DENOTED OTHERWISE, ALL DIMENSIONS FOR MEASUREMENT OF LENGTH SHOWN ON THIS PLAN ARE IN METERS.

PLOT AT SCALE 1:1200 FOR 1"=100'

METER: 0, 100, 200, 300

FEET: 0, 200, 400, 600, 800, 1000

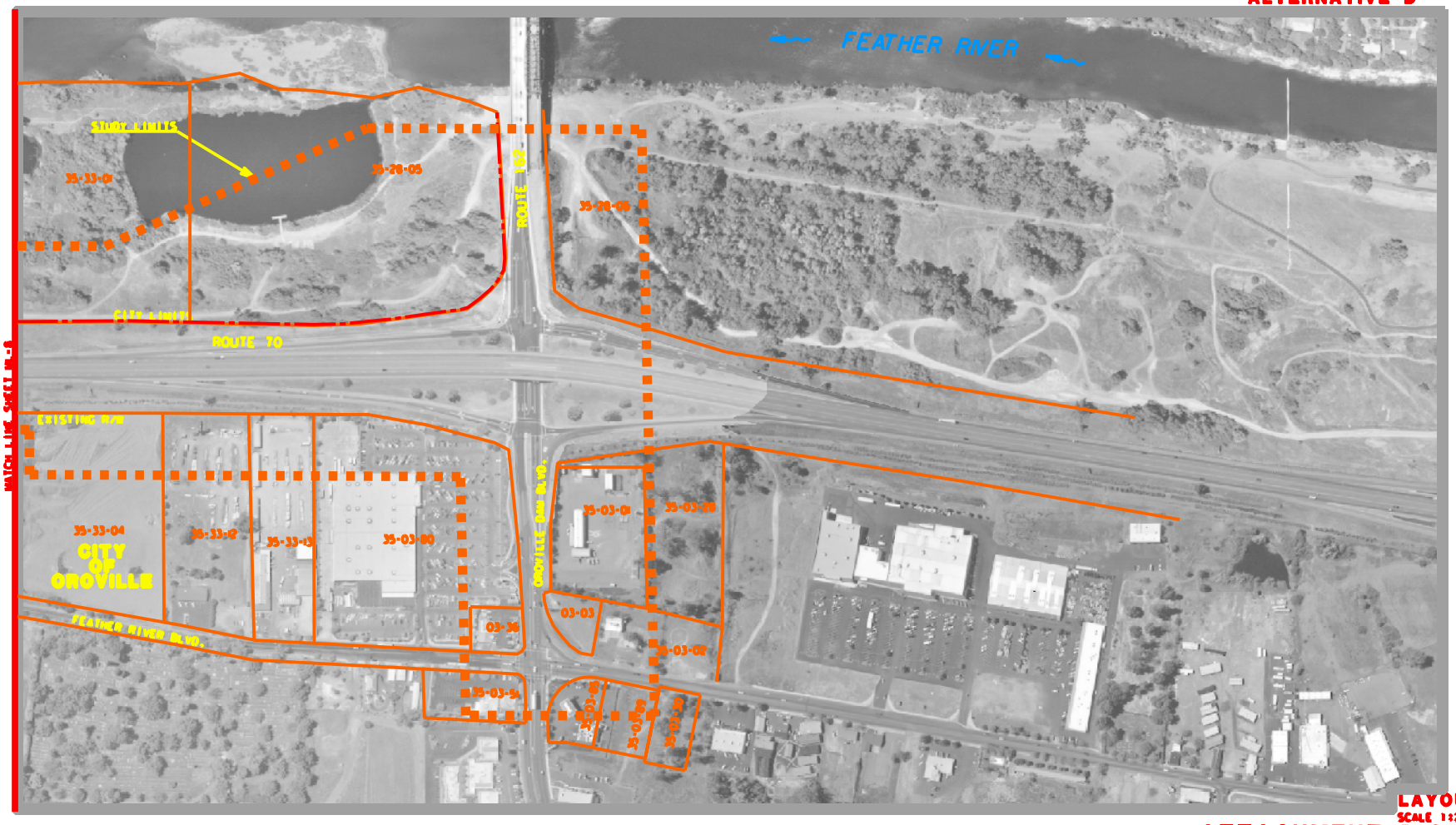
SCALE

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	But	70	16.2/21.8		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

MIDDLE INTERCHANGE ALTERNATIVE D



LAYOUT

SCALE 1:2000

ATTACHMENT D.2 ML-9

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY

CHECKED BY

PROJECT ENGINEER: FRANK O HELM

DIVISION OF DESIGN

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PLOT TIME => $TIME

08-12-02

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EA 3a6300

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