

## **SPECIFICATIONS:**

- 1. The Contractor does hereby agree to furnish the necessary equipment, materials and labor to control the growth of declared noxious weeds within the right-of-way of state highway routes as shown on the attached map (Exhibit A). The Contractor will be required to drive and inspect all routes or as approved by the engineer.**
- 2. The spraying shall consist of spot treatments and be accomplished by using the typical herbicides and applicable rates recommended on the attached rate guide (Exhibit B). If an herbicide is needed that is not on this contract, the type and price shall be negotiated and added by Change Order, prior to the use of the herbicide. The contractor may substitute other common industry herbicides which meet or exceed those listed in the bid item list, as approved by the engineer, prior to use. The contractor shall submit his intended list of herbicides to the Area Engineer 3 weeks prior to commencing work or at the preconstruction meeting for approval. The cost of using surfactants shall be incidental to the various bid items and no separate payment will be made.**
- 3. The Contractor agrees to indemnify, save and hold harmless, the Department and all its employees and agents, from any and all claims, demands, actions or causes of action of whatsoever nature or character arising out of or by reasons of, the execution or performance of the work provided for under this contract whether or not the Contractor is itself negligent or otherwise culpable, and further agrees to defend at its own sole cost and expense any action or proceeding commenced for the purpose of asserting any claim of whatsoever nature or character arising under this contract whether or not the Contractor is itself negligent or otherwise culpable. This section does not require the Contractor to be responsible for or defend against claims or damages arising solely from acts or omissions of the State, its officers or employees.**
- 4. The spraying shall be accomplished by personnel properly licensed by the South Dakota Department of Agriculture.**
- 5. The Contractor shall not stop their vehicles on the roadway, driving lanes, or shoulders on the Interstate highway system.**
- 6. All Contractor spraying vehicles shall be equipped with a flashing amber warning light which shall be in operation while spraying highway right of way.**
- 7. The Maintenance Supervisor shall advise the Contractor a minimum of 48 hours in advance of areas and routes to be sprayed. Herbicide application will be in accordance with Exhibit B.**

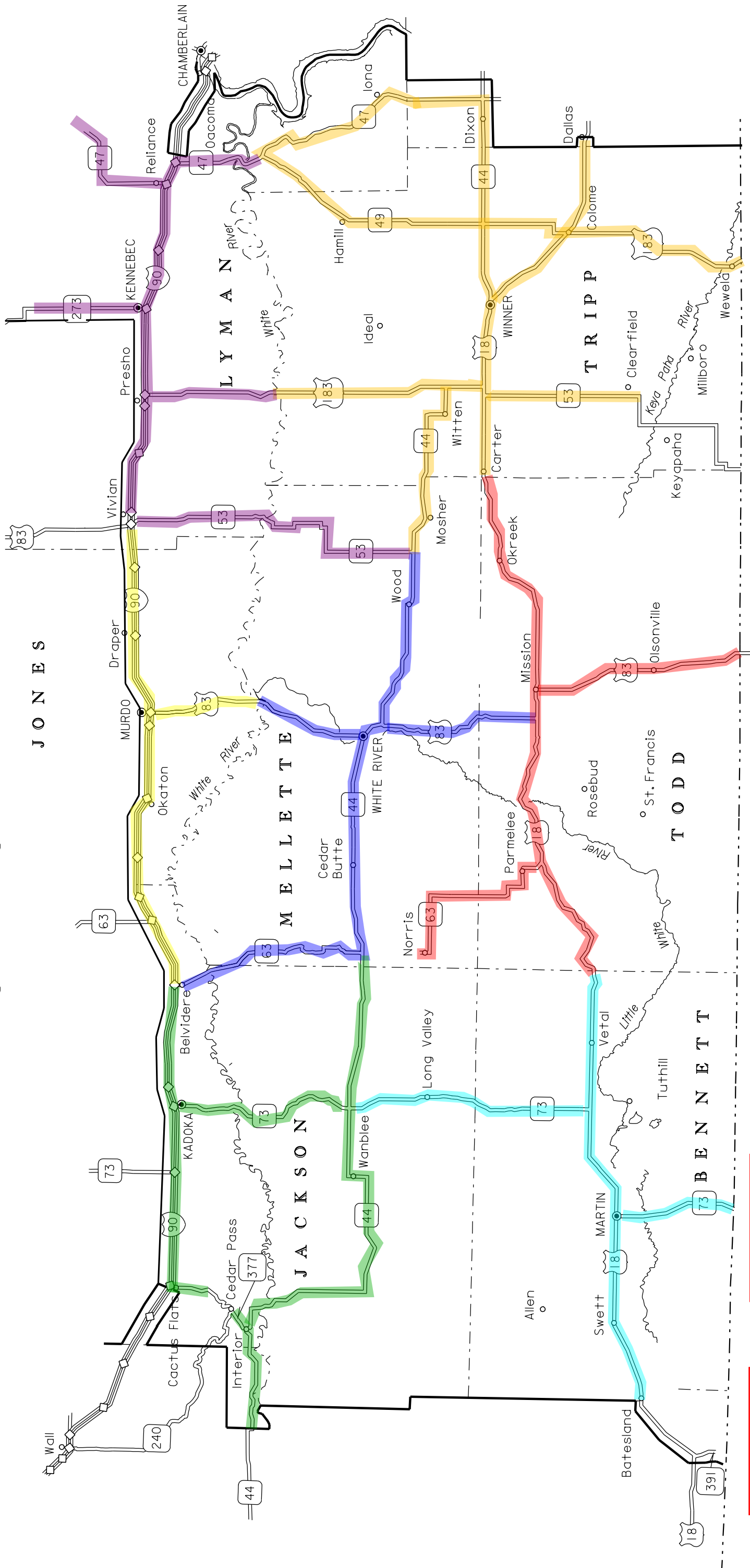
8. The Contractor shall complete the attached daily form (DOT-820) “Contract Daily Herbicide Application Record” (Exhibit C) furnished by the Department after the completion of a specific route and each day of spraying. The amount of herbicide applied shall be recorded to the nearest ounce. The Contractor shall provide the Maintenance Supervisor with a completed copy of the daily form (DOT-820) within one week after completing the spraying. Failure to submit the DOT 820 in a timely manner may result in a price adjustment for the contract.
9. The contract work shall not exceed the total dollar amount shown on this contract without prior approval by the Department of Transportation.
10. The herbicides selected for use will dictate frequency and timing of application. If several applications are required per growing season, the Maintenance Supervisor shall specify the beginning date and ending date. For herbicides requiring a single application, the applications shall be made in accordance with the label for the product.
11. The Contractor shall supply visible proof to the Maintenance Supervisor that the spraying operations are performing effectively by killing weeds. Failure to supply visible proof will result in non-payment of work performed.
12. Failure to comply with any of these requirements will result in non-payment for work performed.

**Conversion Chart**

Unit of Measure	Equivalent	Ounces
4 Quarts	1 Gallon	128 ounces
2 Pints	1 Quart	32 ounces
1 Pint	2 Cups	16 ounces
1 Cup	~	8 ounces

# WINNER AREA MAP

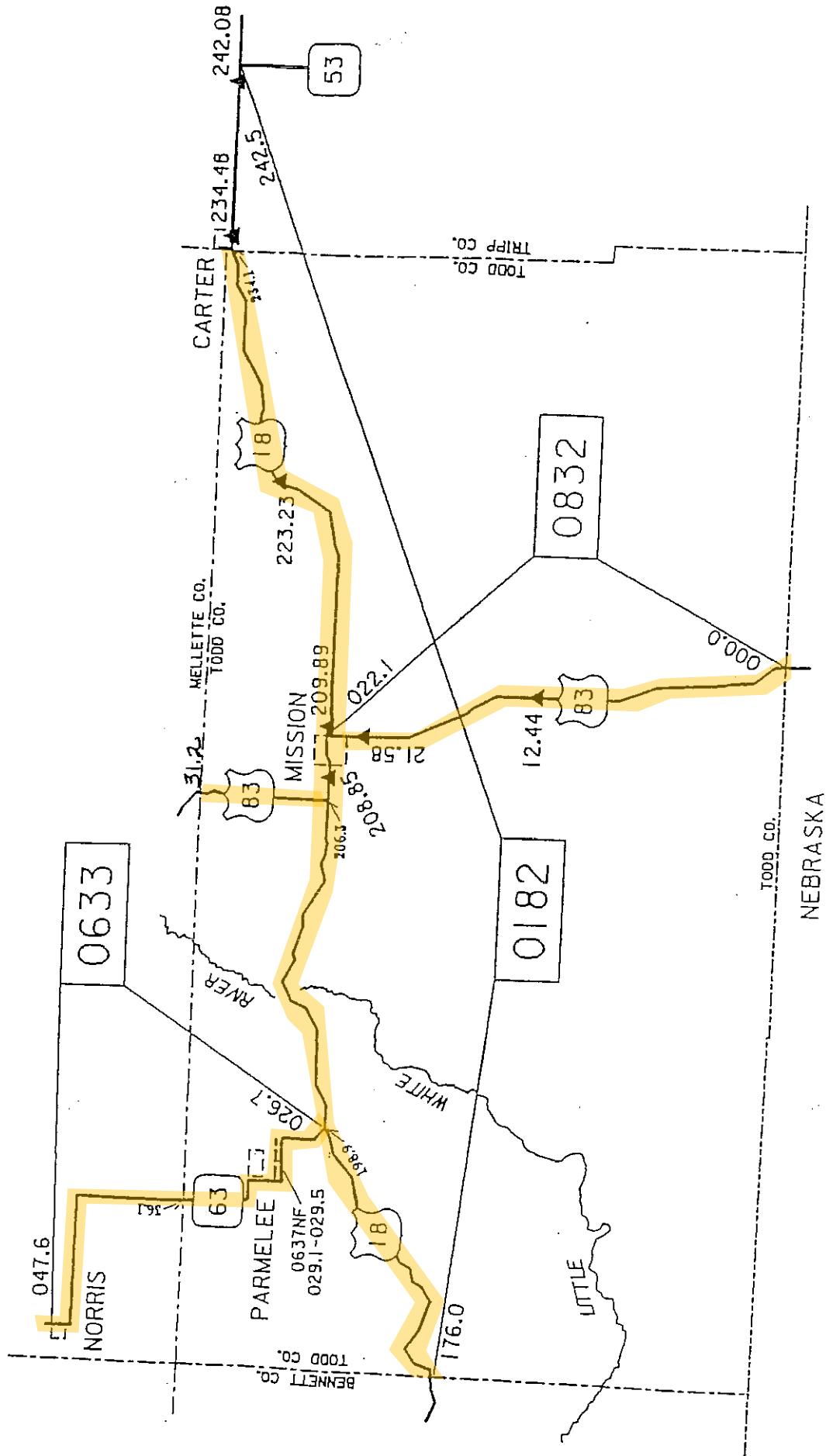
EXHIBIT A - GENERAL MAP



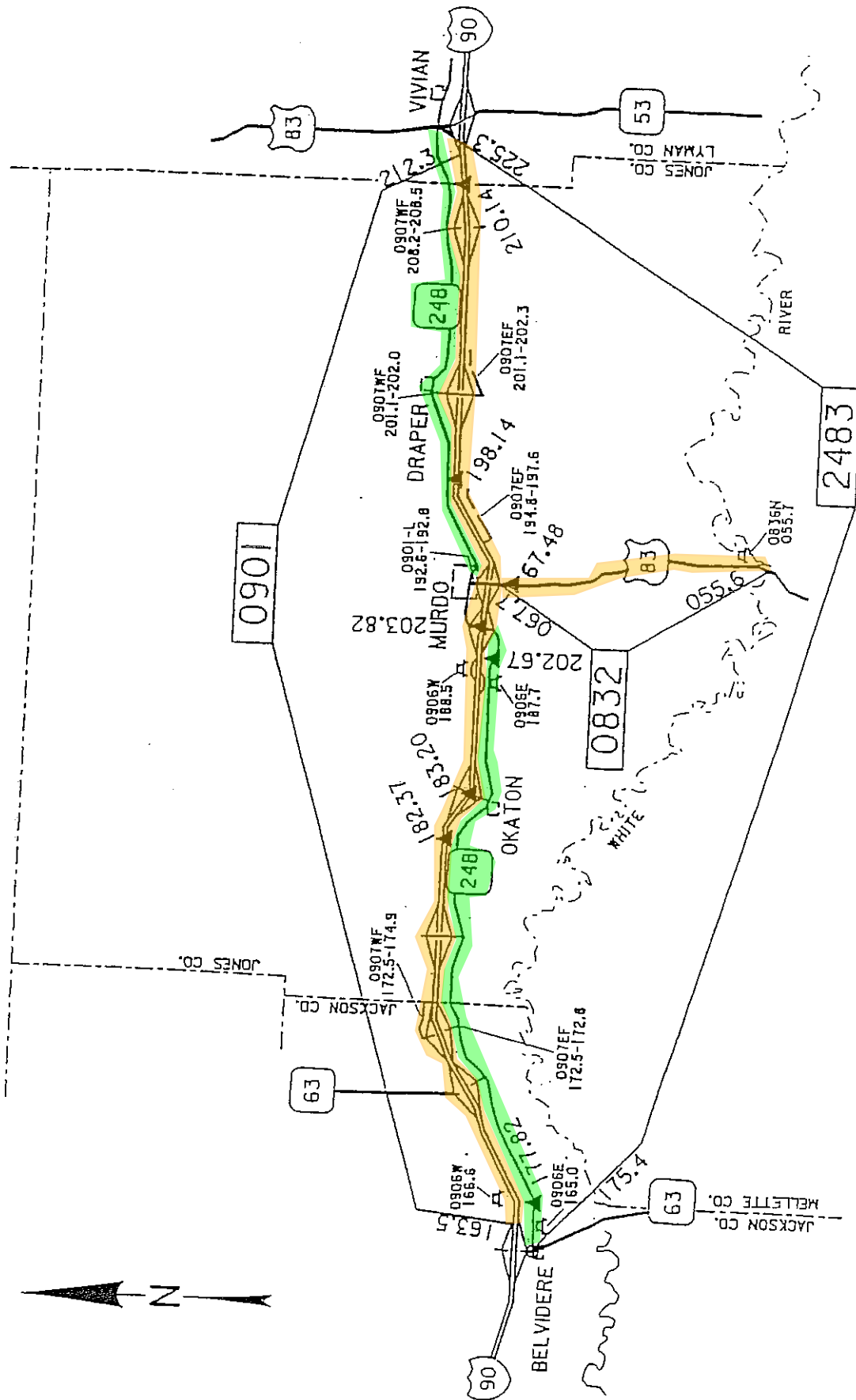
- 397 - WINNER
- 396 - WHITE RIVER
- 393 - MISSION
- 398 - KADOKA
- 394 - MURDO
- 395 - PRESHO
- 399 - MARTIN

NEBRASKA

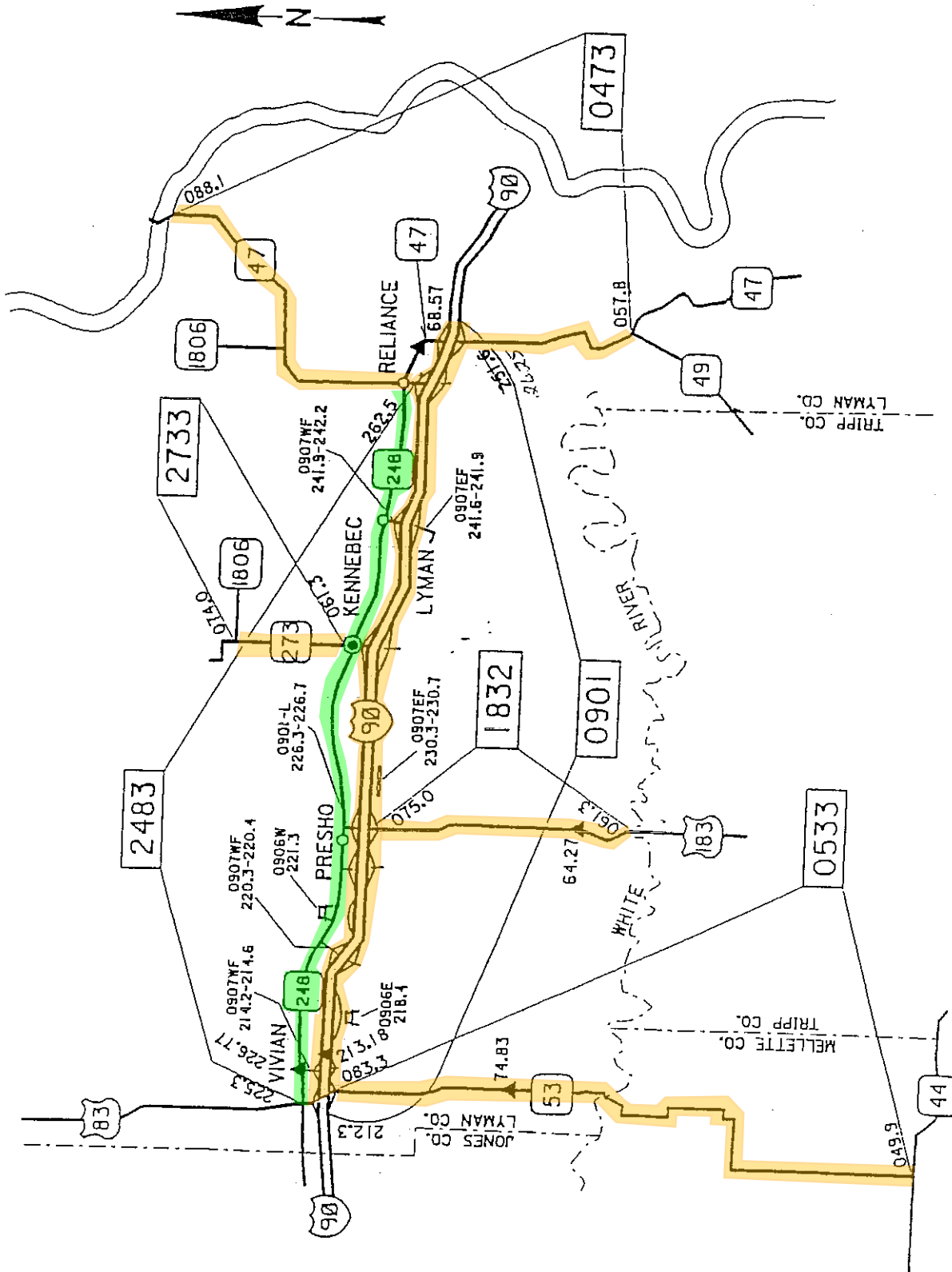
See individual maps for further detail.



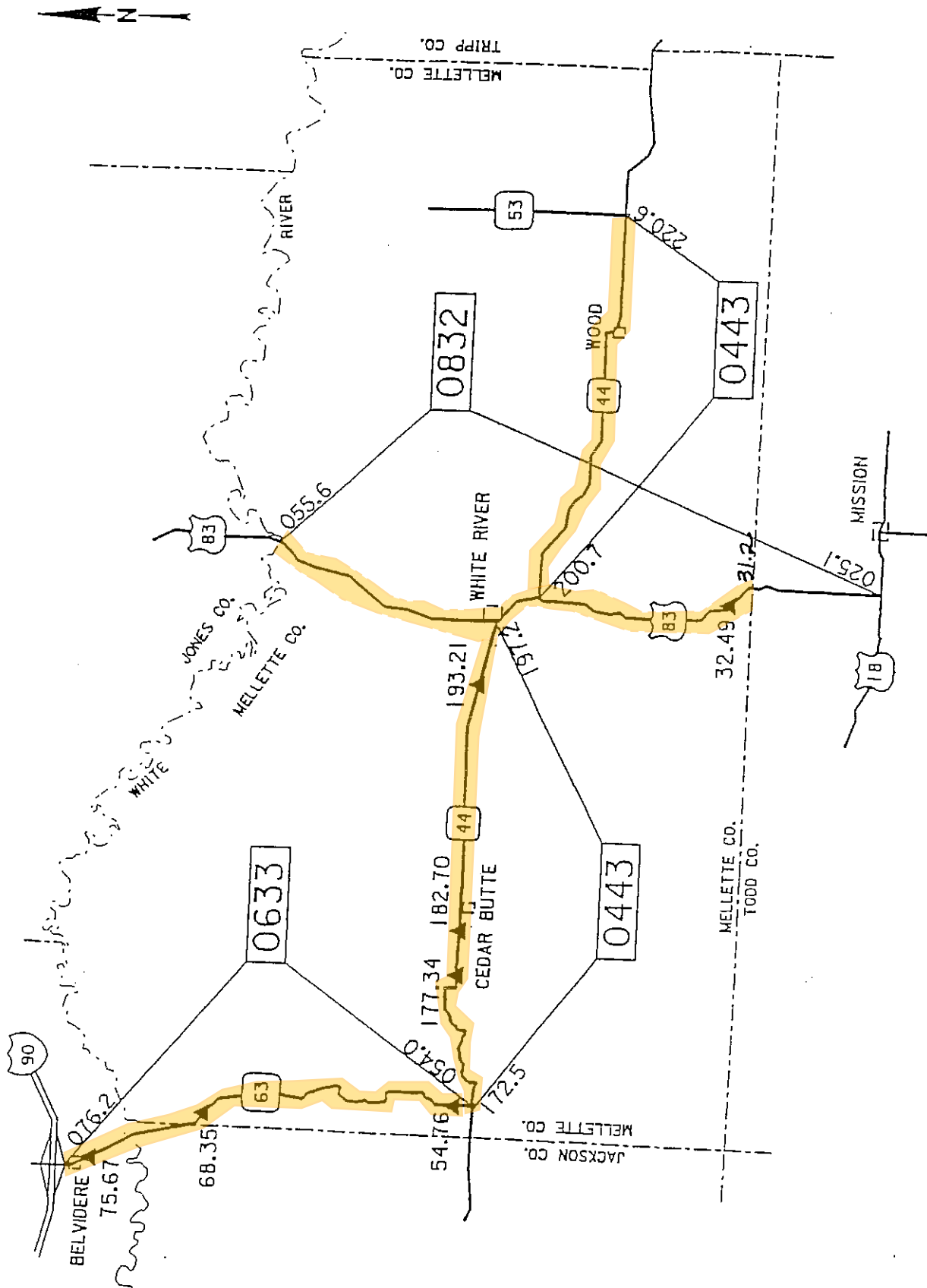
# 393-MISSION



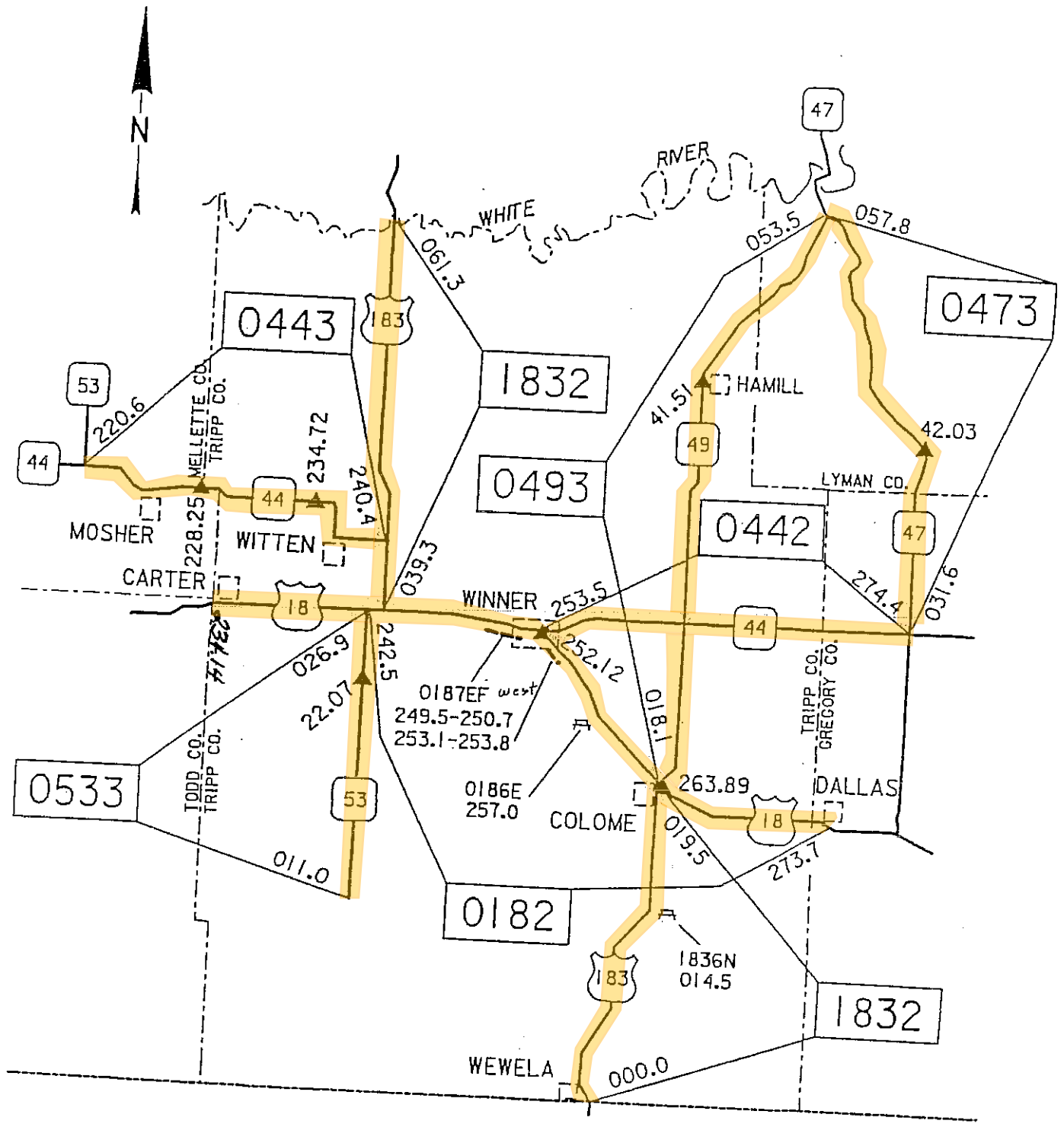
394-MURDO



395-PRESHO



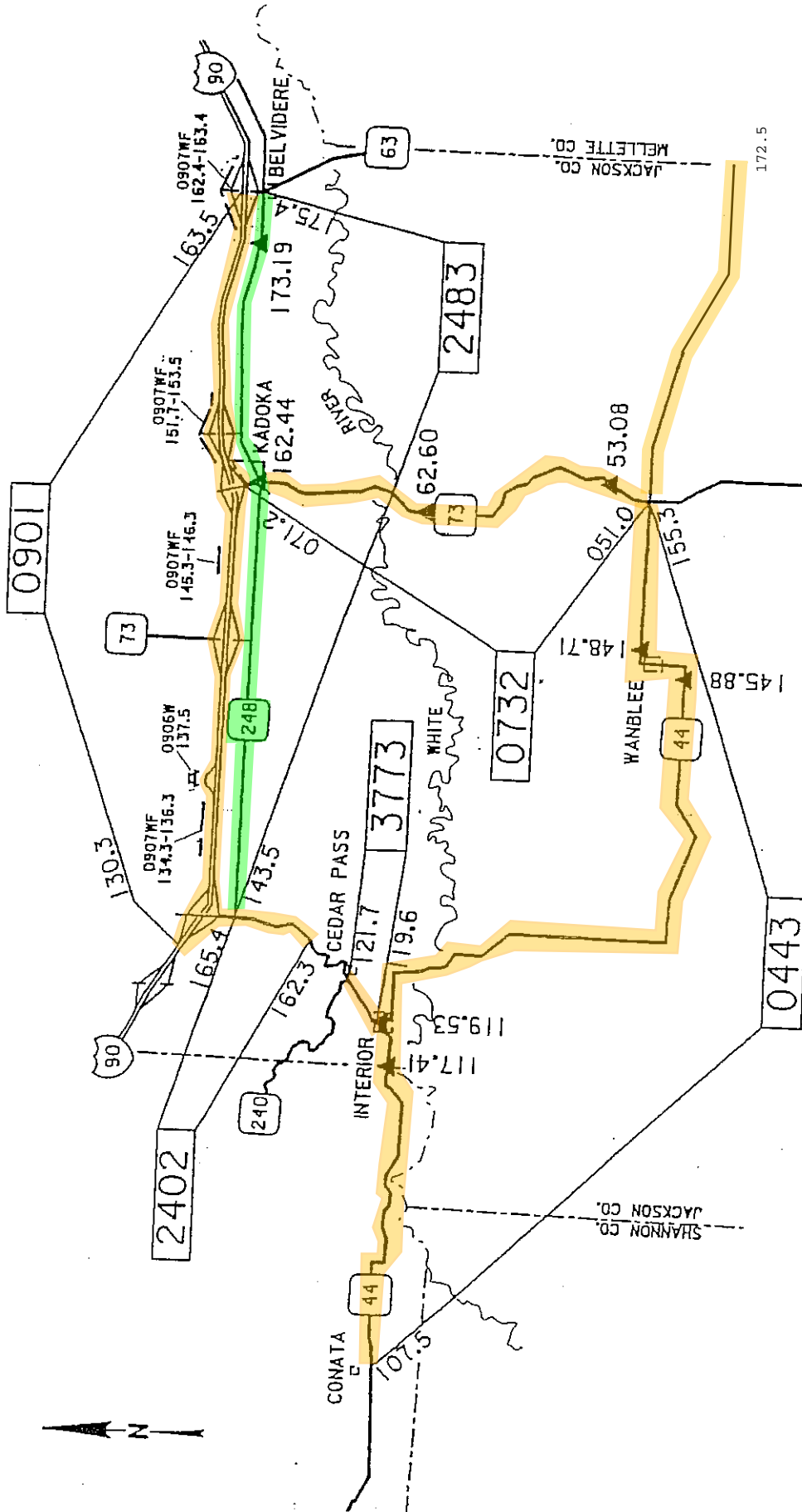
396-WHITE RIVER



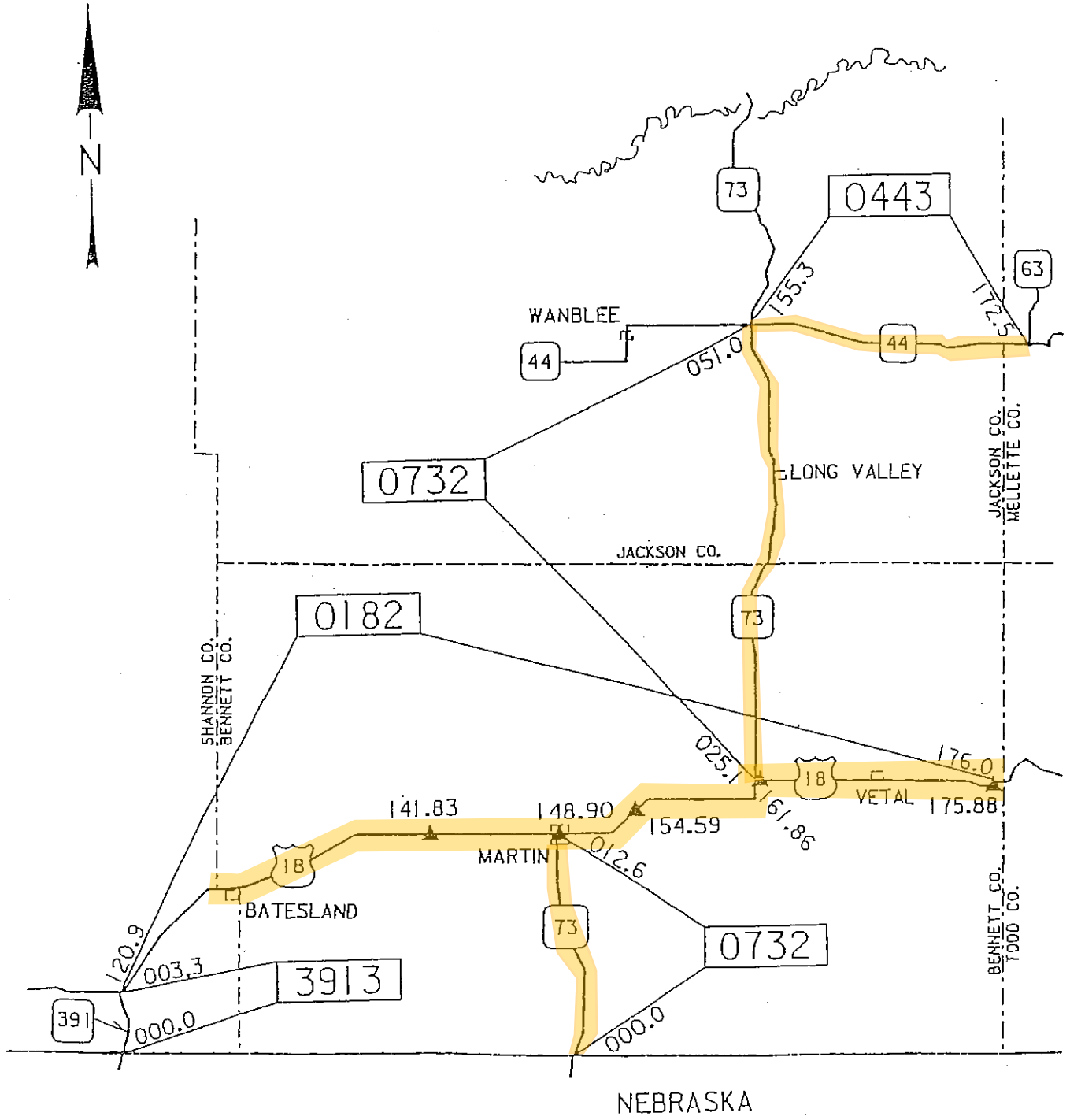
NEBRASKA

# 397-WINNER





# 398 - KADOKA



# 399 - MARTIN

**HERBICIDE RECOMMENDATIONS FOR NOXIOUS WEEDS IN  
 NON-CROPLAND & HIGHWAY RIGHTS-OF-WAY**

RATES SHOWN ARE RECOMMENDATIONS OF SDSU EXTENSION SERVICE

**NOTE:**

This information is intended as a guide for selecting herbicide treatments for noxious weed control in certain areas. It includes those herbicides considered for most situations and those generally available. Rates are based on research data available.

**READ AND FOLLOW ALL LABEL DIRECTIONS & RESTRICTIONS**

**NOXIOUS WEED CONTROL  
 HERBICIDE RATE GUIDE**

**AMOUNT FOR 1 ACRE**

	LEAFY SPURGE	CANADA & P. SOW THISTLE	FIELD BINDWEED	HOARY CRESS	RUSSIAN KNAP WEED	PURPLE LOOSESTRIFE
Tordon 22K	2 qt.	2 qt.	2 qt.	2 qt.	2 qt.	N/A
Tordon & 2,4-D**	3/4 qt & 1qt	1 pint & 1 qt.	1 pint & 1 qt.	3/4 qt. & 1 qt.	3/4 qt. & 1 qt.	N/A
Banvel	N/A	2 qt.	2 qt.	N/A	N/A	N/A
Banvel & 2,4-D**	N/A	1 qt. & 1 qt.	1 qt & 1 qt.	N/A	N/A	N/A
2,4-D**	1-1/2 qt.	1 qt.	1 qt.	1-1/2 qt.	1-1/2 qt.	N/A
Roundup	N/A	3 qt.	4 qt.	N/A	N/A	N/A
Rodeo	N/A	N/A	N/A	N/A	N/A	2 oz/gal (spot spray)
Glyphosate 3L Curtail	N/A	4 pint	N/A	4 pint	N/A	N/A

\*\* Based on 4 lb/gal product.

# SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

DOT 820 Modified - Winner Area

PCN

Rev 02/10

DATE: \_\_\_\_\_

WEATHER    CLOUDY    PARTLY CLOUDY    MOSTLY SUNNY    CLEAR

COUNTY    Bennett    Jones    Lyman    Todd  
                    Gregory    Jackson    Mellette    Tripp

	START	END
TIME		
TEMP - °F		
WIND - Direction		
WIND - Speed		

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## APPLICATION

L O C A T I O N	HWY#		MRM START		<b>SPRAY</b>
	DITCH	N S E W Median	MRM END		<input type="checkbox"/> CONTINUOUS <input type="checkbox"/> SPOT

C H E M I C A L	TYPE:	2-4-D Amine	Tordon 22K		
	BRAND:				
	UNIT	Oz	Oz	Oz	Oz
	QUANTITY				

L A B O R	NAME	START	STOP	HOURS	<b>LABOR TOTAL HOURS</b>

E Q U I P M E N T	TYPE	START	STOP	HOURS	<b>EQUIP. TOTAL HOURS</b>

Operator- Applicator \_\_\_\_\_ D.O.A. License # \_\_\_\_\_

Address: \_\_\_\_\_

This form shall be completed in duplicate for each route after completion of your daily herbicide application. One copy is to be kept on file for a period of three (3) years, and the other copy is to be forwarded to the Area Engineer.