

# SECTION D: EROSION AND SEDIMENT CONTROL PLANS

STATE OF SOUTH DAKOTA	PROJECT HR Y501(01)	SHEET D1	TOTAL SHEETS D2
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Plotting Date: 09/21/2015

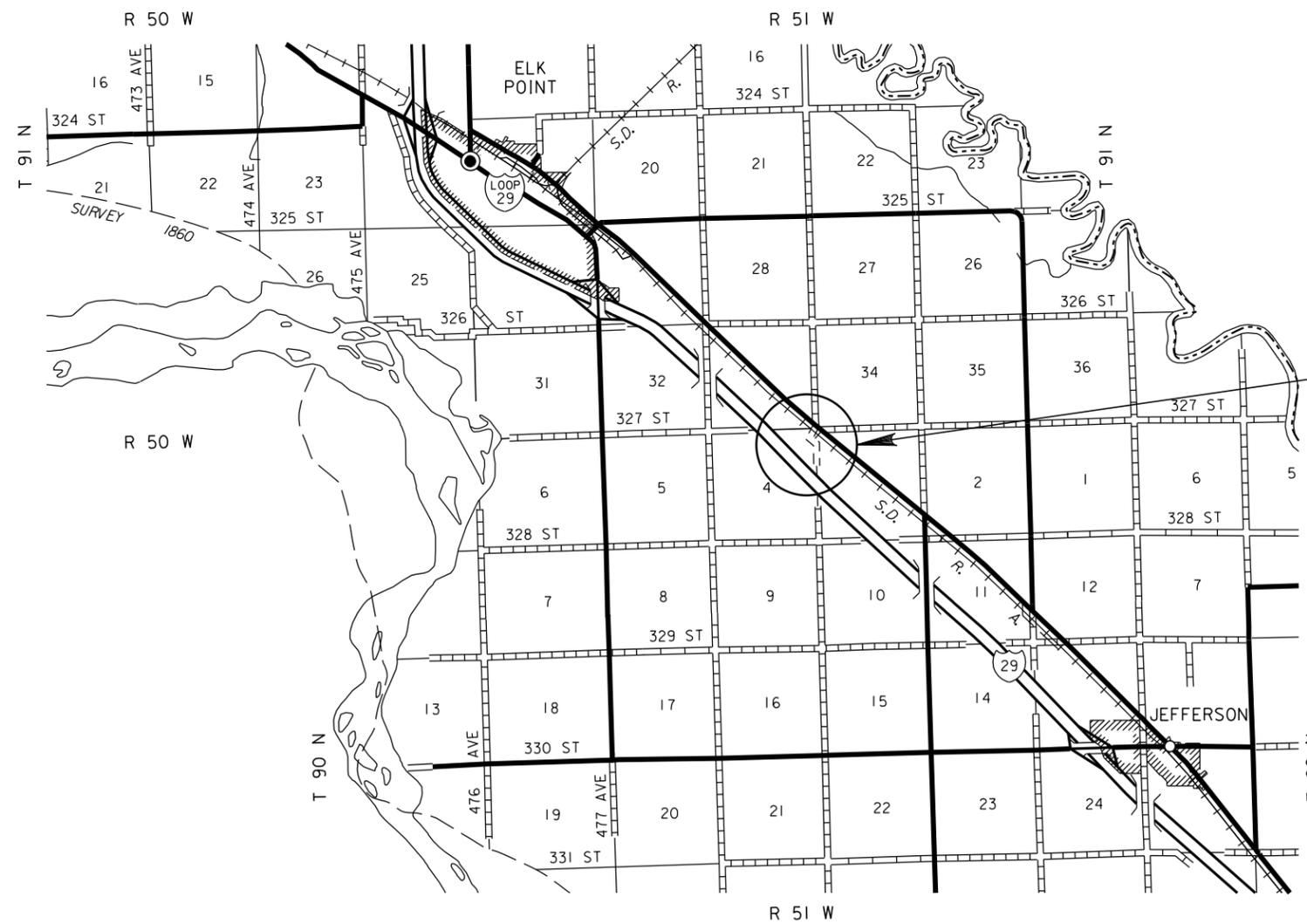
## LEGEND

- |   |                           |
|---|---------------------------|
| → Drainage Arrows   | ⊙ CP Concrete Plant Sites |
| ⊙ VB Vegetated Buffer Strips                                      | ⊙ CW Concrete Washouts    |
| ⊙ CE Stabilized Construction Entrances                            | ⊙ AP Asphalt Plant Sites  |
| ⊙ TS Topsoil Stockpiles   | ⊙ WP Work Platform        |
| ⊙ M On-Site Construction Material Storage Areas                   | ⊙ B Borrow Areas          |
| ⊙ D Dumpster or other Trash and Debris Containers                 | ⊙ SK Spill Kit            |
| ⊙ V Vehicle and Equipment Parking, Fueling, and Maintenance Areas |                           |

## INDEX OF SHEETS

- D1 General Layout with Index
- D2 Estimate with General Notes

Symbols in the Legend that apply to this project are to be shown on this Title Sheet to update the SWPPP.



PROJECT  
Jefferson Port of Entry  
MRM 13.00 +0.450 (Approx.)  
Northbound Lanes



**SECTION D ESTIMATE OF QUANTITIES**

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	HR Y501(01)	D2	D2

Plotting Date: 09/21/2015

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
7340010	Erosion Control	Lump Sum	LS

**EROSION CONTROL**

The Erosion Control bid item includes all material, equipment and labor required to place topsoil, seed and mulch the disturbed areas resulting from this project. The disturbed area requiring erosion control is estimated to be 0.03 acres.

The Contractor is required to furnish topsoil for placement on embankment. The estimated quantity of topsoil is 4.0 CuYd. See Section F Typical Surfacing Section and Guardrail Embankment Layout for limits of placing the topsoil.

Limits of erosion control work will be determined by the Engineer on construction.

**PERMANENT SEEDING**

The areas to be seeded comprise all newly graded areas within the project limits except for the top of roadways.

Permanent seed mixture shall consist of the following:

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/1000 SqFt)
Western Wheatgrass	Arriba, Flintlock, Rodan, Rosana	1
Canada Wildrye	Mandan	0.2
Total:		1.2