

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6542(04)	S1	S5
Plotting Date: 04-04-2025			

SECTION S: PERMANENT SIGNING PLANS



END GRADING

1st Avenue East
Station 104+00.00
located 80.5 feet West and 64.52 feet North
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

END GRADING

Storm Sewer Crossing
Station 207+20.49
located 79.3 feet East and 90.95 feet North
of the Northeast Corner of Section 20 -
Township 23 North - Range 16 East of
the B.H.M.



INDEX OF SHEETS

- | | |
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| S1 | General Layout with Index |
| S2-S3 | Estimate of Quantities and General Notes |
| S3-S5 | Signing Layout |

BEGIN P 6542(04)
BEGIN GRADING

1st Street East
Station 80+00.00
located 53.58 feet West and 109.94 feet South
of the Northwest Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

BEGIN GRADING

Storm Sewer Crossing
Station 200+00.00
Station 200+00.00 = Station 83+84.60
located 82.9 feet West and 13.45 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

END P 6542(04)
END GRADING

1st Street East
Station 84+82.00
located 13.6 feet East and 29.57 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

END GRADING

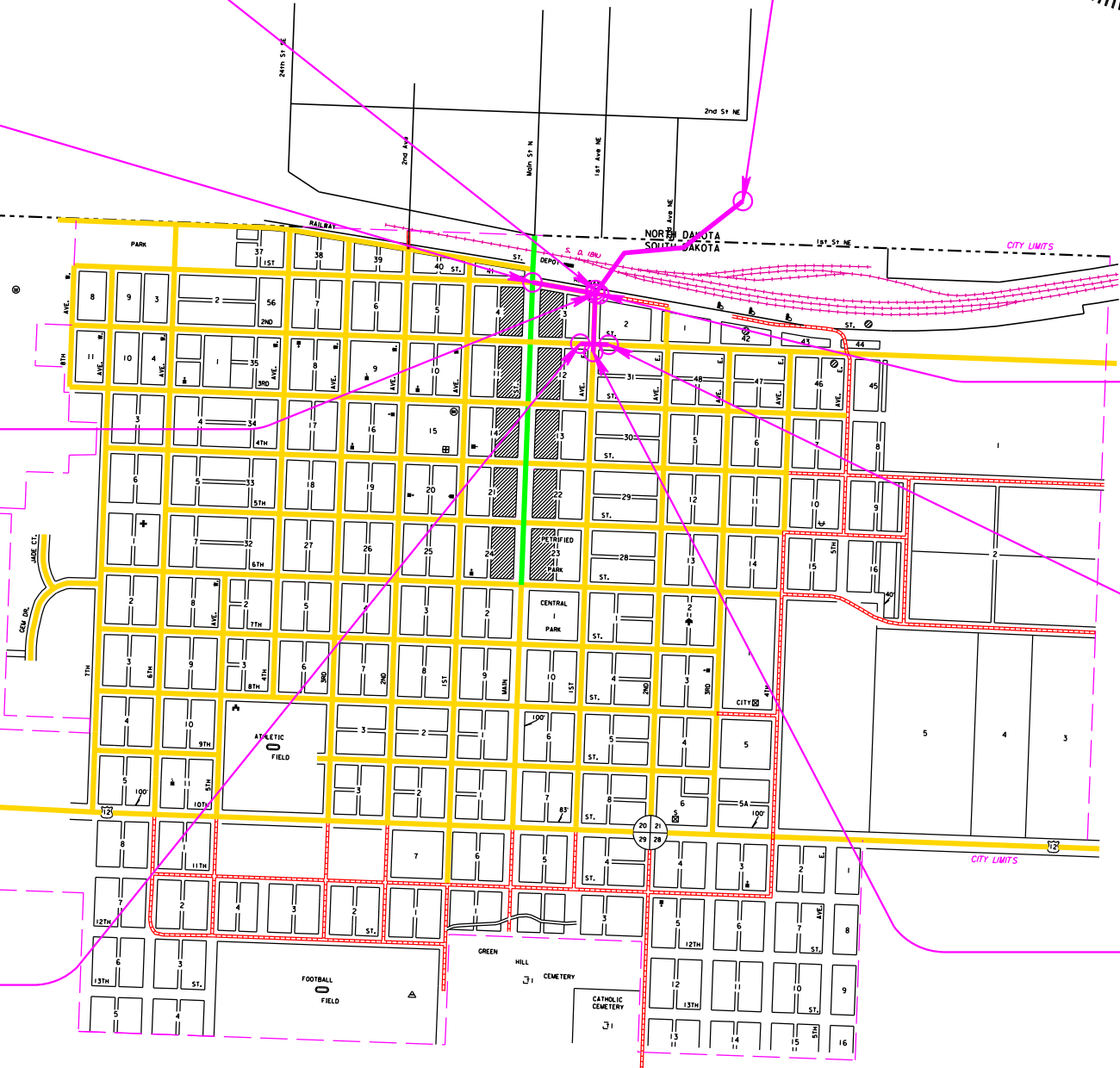
2nd Street East
Station 45+00.00
located 23.1 feet East and 338.8 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

BEGIN GRADING

2nd Street East
Station 43+00.00
located 173.8 feet West and 332.9 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota

BEGIN GRADING

1st Avenue East
Station 99+00.00
located 93.8 feet West and 435.5 feet South
of the Southeast Corner of Tract 1 of the
CHS Second Addition To the City of
Lemmon, South Dakota



SECTION S – ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E7150	Remove Sign for Reset	4	Each
632E1320	2.0"x2.0" Perforated Tube Post	53.4	Ft
632E3500	Reset Sign	5	Each

GENERAL PERMANENT SIGNING

New sign installations will be staked in the field by the Contractor and checked by the Engineer. The Contractor will give the Engineer a minimum of one week to check staked locations prior to signpost installation. Lateral offset of signs will be as shown in the plans or as directed by the Engineer.

The Contractor will be responsible for contacting South Dakota One Call to locate the utilities at the staked sign installation locations.

When signs are mounted in an assembly, they will be 1-2 inches apart vertically and horizontally.

The height of the post must not exceed the minimum height needed by more than 0.5 feet. Any portion that extends above the sign will be cut off. No separate payment will be made for cutting the post or for that length cut off.

Aluminum U-Channel stiffeners will be used on all signs 36 inches or greater in width and will conform to ASTM B221 Alloy 6063-T6 or 6061-T6. The U-Channel will be 2 inches in width and free of holes. The U-Channel stiffeners will also be used to connect various signs together so that an entire sign assembly can be erected on a single installation. Stiffeners may be fastened to signs by use of 1/4-inch diameter drive rivets.

The Contractor will use 3/8-inch diameter rust proof machine sign bolts, flat metal washers, neoprene washers (against the sign sheeting), lock washers, and nuts to fasten the sign to the channel aluminum and posts. A minimum of two bolts will extend through each post.

Prior to ordering signs, the Contractor will verify dimensions, background, border, and legend of the signs.

Prior to use, the Contractor will provide documentation for the sign support devices showing they meet the applicable NCHRP 350 or MASH requirements.

REMOVE SIGN FOR RESET AND RESET SIGN

Signs that are scheduled for reset will be dismantled and reassembled to the extent needed by the Contractor to properly reset the sign. Signs will be handled with care so that the existing signs, posts, and bases are not damaged during the relocation process. The Contractor will replace and pay for any reset signs damaged in their care. The Contractor will remove and dispose of any existing posts for all reset signs that require use of new posts as shown in the Table of Permanent Signing.

All costs for removing, dismantling, and disposing of any existing posts will be incidental to the contract unit price per each for "Remove Sign for Reset". All costs for resetting the existing signs will be incidental to the contract unit price per each for "Reset Sign". All quantities for Remove Sign for Reset and Reset Sign will be per assembly at the contract unit price per each.

SQUARE TUBE ANCHOR SLEEVE

The Contractor will furnish and install new 2.5" x 2.5" x 18", 12 Gauge square tube anchor sleeve or equivalent components as approved by the Engineer for 2.0" x 2.0" perforated tube posts, if existing posts cannot be salvaged and reinstalled, at the discretion of the Engineer. A 2.25" x 2.25" x 4', 12 Gauge perforated tube post will be used as the anchor post for installation with the square tube anchor sleeve.



FOR BIDDING PURPOSES ONLY

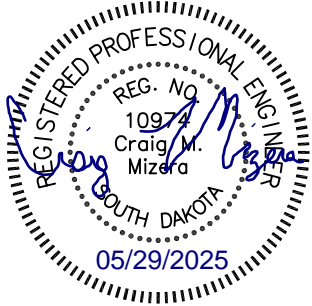
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6542(04)	S2	S5

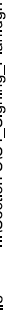
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
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Permanent Sign Installation Table									
Alignment		Sign Install Data		Sign Remove/Reset Data		Post Data			Remarks
Station	Offset	Sign Description	Sign Code	Remove Sign for Reset (Each)	Reset Sign (Each)	use Street Light (SL), use Power Pole (PP), use Mast Arm (MA), use 1 Post (1P), use 2 Posts (2P), or use 3 Posts (3P)	(F)ixed Base, Breakaway (S)lip Base, (A)nchor Stub Post OR (D)irect Drive	2.0"x2.0" Perforated Tube Post Height (Ft) *	
P 6542(04) - PCN 09V7									
100+31.63	25.76 Lt	Stop (Existing)	Existing	1	1	1P	D	10.0	Reset Sign at Sta. 100+33.31.
100+31.63	25.76 Lt	Truck Route	Existing		1	1P	D	10.0	Reset Sign(s) on new post at Sta. 100+98.17
		Direction Arrow	Existing						Install Sign Below Sign Above
84+16.13	30.56 Lt	Railway St	Existing	1	1	1P	D	11.7	
		E 1st Ave	Existing						Install Sign Below Sign Above
100+28.60	29.59 Rt	2nd St	Existing	1	1	1P	D	11.7	
		E 1st Ave	Existing						Install Sign Below Sign Above
99+67.35	25.65 RT	Stop (Existing)	Existing	1	1	1P	D	10.0	
P 6542(04) - PCN 09V7 Total				4	5			53.4	

* Signs will be reset on existing tube post or sign support unless otherwise directed by the Engineer. Quantity has been included in the event the supports cannot be salvaged due to field conditions.









Signing Plan

FOR BIDDING PURPOSES ONLY

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Plotting Date:	04-04-2025
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Legend

- | | |
|---|---|
|  | Limits of Construction |
|  | Existing ROW |
|  | PCC Fillet/C&G/Approach
Pavement/Sidewalk |
|  | Remove, Salvage,
Relocate, and Reset
Traffic Sign |

