STATE OF SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED

PROJECT 081–171 US HIGHWAY 81 CODINGTON COUNTY Install Sawed in Traffic Signal Detector Loops

iawed In Traffic Signal Detectoi PCN 12e6

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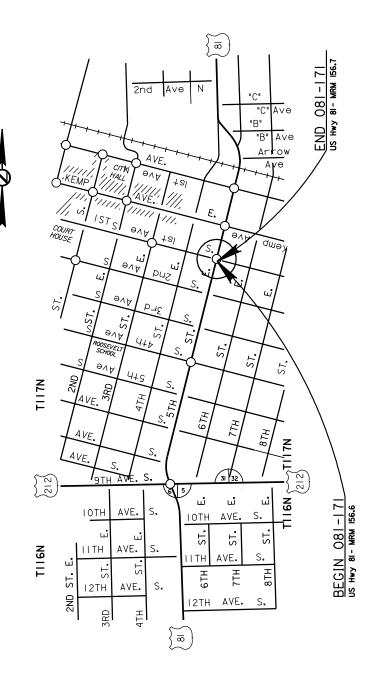


TABLE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
250E0010	Incidental Work	Lump Sum	LS
634E0100	Traffic Control	398	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
635E5540	Sawed-In Detector Loop	2	Each

SPECIFICATIONS

South Dakota Department of Transportation Standard Specifications for Roads and Bridges, 2004 Edition, Required provisions, Supplemental Specifications and/or Special Provisions as included in the Proposal.

GENERAL NOTES

Work includes, but is not limited to;

Installing sawed in detector loops e6 and e7 into asphalt concrete roadway as shown in the plans, and

Installing the homerun twisted shielded pair detector loop wires from sawed in detector loops into junction box JC2, and

Disconnect existing preformed detector loops E6 and E7 in junction box JC2, and

Connecting the new sawed in detector loop wires in junction box JC2 to the existing detector loop wires (TSP) that lead to Traffic signal Controller in Junction box JC2.

INCIDENTAL WORK

Incidental work includes, but is not limited to, the restoration of all disturbed areas to the satisfaction of the Engineer.

GENERAL MAINTENANCE OF TRAFFIC

Storage of vehicles and equipment shall be outside the clear zone and as near as possible to the right-ofway line. Contractor's employees should mobilize at a location off the right-of-way and arrive at the work sites in a minimum number of vehicles necessary to perform the work.

Indiscriminate driving and parking of vehicles within the right-of-way will not be permitted. Any damage to the vegetation, surfacing, embankment, delineators and existing signs resulting from such indiscriminate use shall be repaired and/or restored by the Contractor, at no expense to the State, and to the satisfaction of the Engineer.

The west bound lane of 1ST Ave SE shall be closed to traffic during Installation of the new sawed in detector loops.

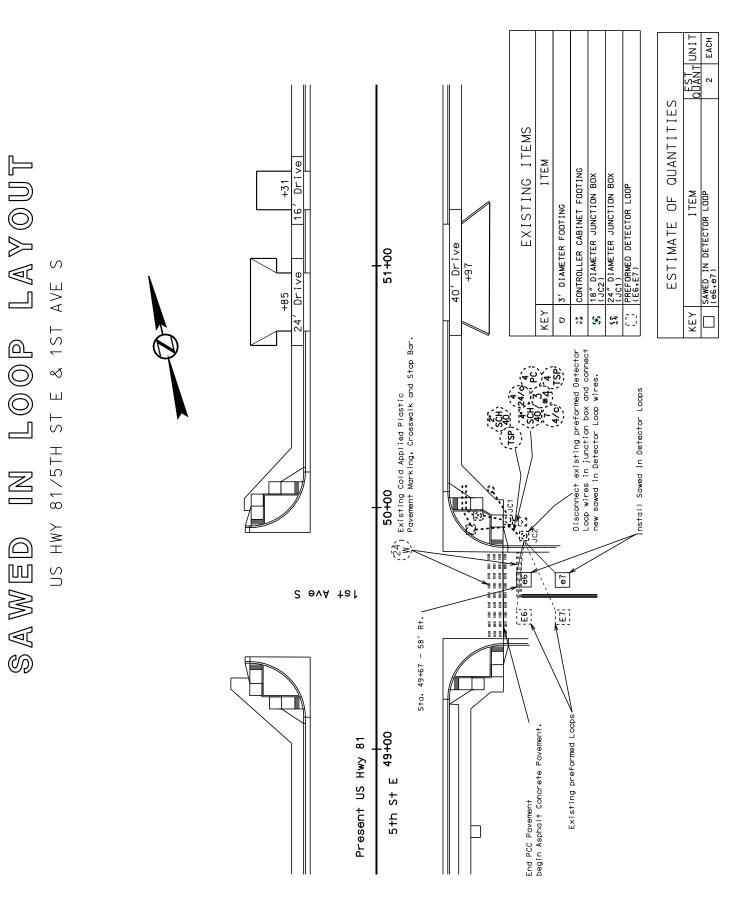
The bottom of signs on portable or temporary supports shall not be less than seven feet above the pavement in urban areas and one foot above the pavement in rural areas. Portable sign supports may be used as long as the duration is less than 3 days.

The Contractor shall provide documentation that all breakaway sign supports comply with FHWA NCHRP Report 350 or MASH crash-worthy requirements. The Contractor shall provide installation details at the preconstruction meeting for all breakaway sign support assemblies.

Work will be allowed only during daylight hours.

ITEMIZED LIST FOR TRAFFIC CONTROL

SIGN CODE	SIGN SIZE	DESCRIPTION	NUMBER REQUIRED	UNITS PER SIGN	UNITS
R11-2	48" x 30"	ROAD CLOSED	1	27	27
W20-1	48" x 48"	ROAD WORK #### FT. OR AHEAD	6	34	204
W20-3	48" x 48"	ROAD CLOSED #### FT. OR AHEAD	3	34	102
****	****	TYPE III BARRICADE - 8 FT. DOUBLE SIDED	1	56	56
TOTAL UNITS					



Traffic Control Layout Detail

