

STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 14B(170)232 NH 0014(203)232	1	380

Plotting Date: 02/26/2014

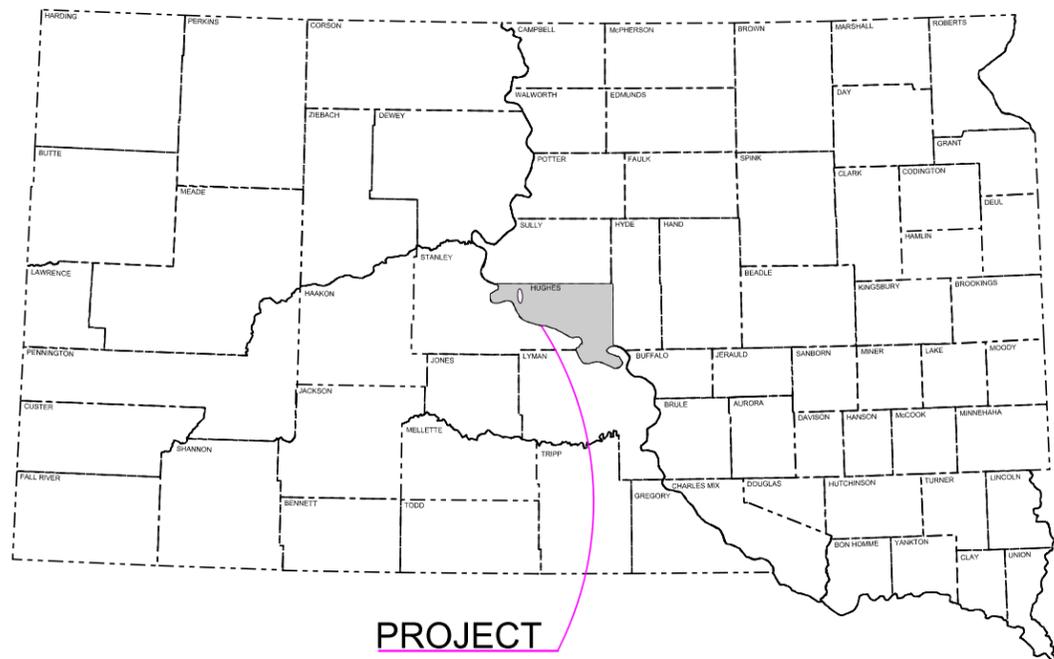
PLANS FOR PROPOSED
**PROJECTS NH 014B(170)232
& NH 0014(203)232**
US HIGHWAYS 14B & 14E
HUGHES COUNTY

GRADING, AC SURFACING, STORM SEWER, CURB & GUTTER,
ROADWAY LIGHTING, TRAFFIC SIGNALS, AND ROW PLANS

PCNS 04D0
& 04T9

INDEX OF SECTIONS

- Section A: Estimate of Quantities
- Section B: Grading Plans
- Section C: Traffic Control Plans
- Section D: Erosion And Sediment Control Plans
- Section F: Surfacing Plans
- Section L: Signal and Lighting Plans
- Section M: Pavement Marking Plans
- Section S: Permanent Signing Plans
- Section X: Cross Sections



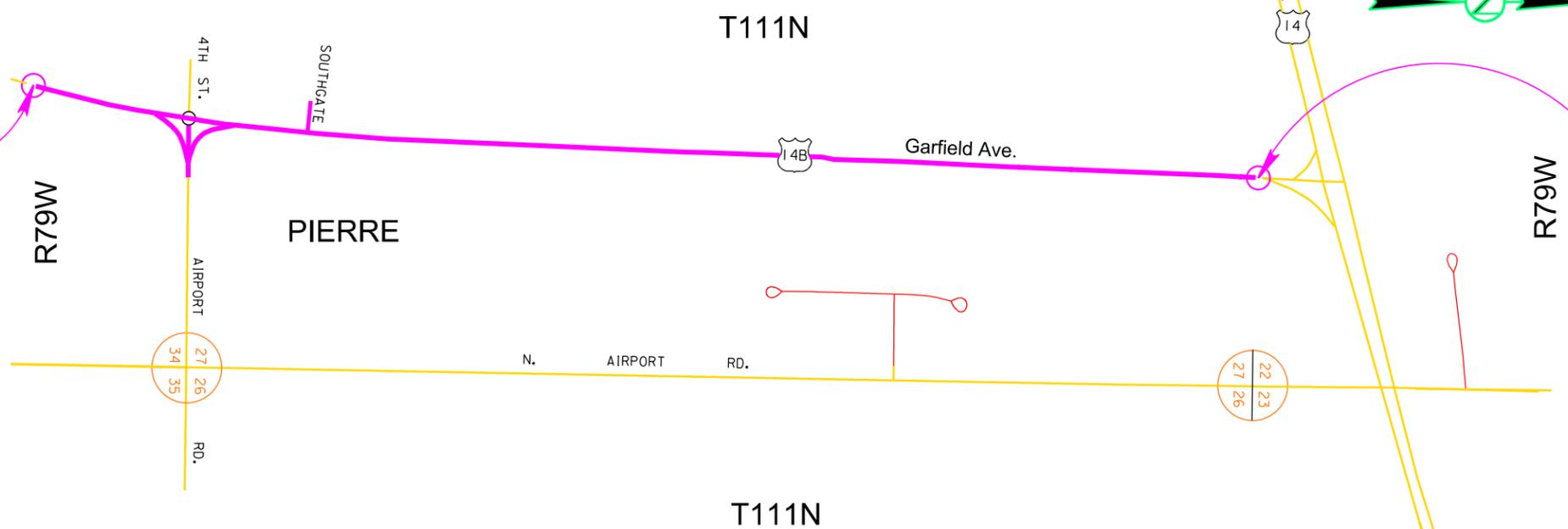
PROJECT

BEGIN NH 014B(170)232

Station 10+00.00=66+99.30
on S 9690(1). 980.57 feet South and
1424.94 feet West of the Northeast
Corner of Section 34 - Township 111
North - Range 79 West.
MRM=232.59 + 0.101

END NH 014B(170)232

Station 73+81.00=3+22.83
on S 9690(1). 80.52 feet North and
1025.37 feet West of the Northeast
Corner of Section 27 - Township 111 North -
Range 79 West.
MRM=233.89 + 0.017



BEGIN NH 0014(203)232

Station 104+41.00

END NH 0014(203)232

Station 113+66.00

DESIGN DESIGNATION

	014B	014E
ADT (2012)	4685	1838
ADT (2032)	6666	2597
DHV	727	194
D	50%	33%
T DHV	4.9%	3.0%
T ADT	10.7%	6.7%
V	40 mph from 10+00 to 20+00	65 mph
V	45 mph from 20+00 to 48+00	
V	55 mph from 48+00 to 73+81	

STORM WATER PERMIT

Major Receiving
Body of Water: Missouri River
Area Disturbed: 19 Acres
Total Project Area: 29 Acres
Approx. Begin Lat/Long 44.3780/-100.3160

	014B		014E	
GROSS LENGTH	6381.00 FEET	1.208 MILES	925.00 FEET	0.175 MILES
LENGTH OF EXCEPTIONS	0.00 FEET	0.00 MILES	0.00 FEET	0.00 MILES
NET LENGTH	6381.00 FEET	1.208 MILES	925.00 FEET	0.175 MILES

3

Plot Scale - 1:200

Plotted From - tpr119287

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ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 14B(170)232 NH 0014(203)232	A1	A5

Plotting Date: 02/26/2014

Grading – Section B – PCN 04D0

Bid Item Number	Item	Quantity	Unit
004E0030	Maintenance of Traffic Diversion(s)	Lump Sum	LS
004E0050	Remove Traffic Diversion(s)	Lump Sum	LS
009E0010	Mobilization	Lump Sum	LS
009E3230	Grade Staking	4.334	Mile
009E3250	Miscellaneous Staking	1.508	Mile
009E3280	Slope Staking	1.079	Mile
009E3290	Structure Staking	1	Each
009E3300	Three Man Survey Crew	100.0	Hour
110E0300	Remove Concrete Curb and Gutter	515	Ft
110E0500	Remove Pipe Culvert	138	Ft
110E0600	Remove Fence	1,640	Ft
110E1010	Remove Asphalt Concrete Pavement	828.2	SqYd
110E1100	Remove Concrete Pavement	548.0	SqYd
110E1120	Remove Concrete Median Pavement	334.8	SqYd
110E1140	Remove Concrete Sidewalk	108.2	SqYd
120E0010	Unclassified Excavation	86,646	CuYd
120E0300	Borrow Unclassified Excavation	61,500	CuYd
120E2000	Undercutting	36,417	CuYd
120E6100	Water for Embankment	1,260.0	MGal
250E0020	Incidental Work, Grading	Lump Sum	LS
270E0040	Salvage and Stockpile Asphalt Mix and Granular Base Material	18,533.8	Ton
380E3540	8" PCC Approach Pavement	115.6	SqYd
421E0100	Pipe Culvert Undercut	21	CuYd
450E0122	18" RCP Class 2, Furnish	1,282	Ft
450E0130	18" RCP, Install	1,282	Ft
450E0142	24" RCP Class 2, Furnish	1,398	Ft
450E0150	24" RCP, Install	1,398	Ft
450E0162	30" RCP Class 2, Furnish	480	Ft
450E0170	30" RCP, Install	480	Ft
450E0182	36" RCP Class 2, Furnish	280	Ft
450E0190	36" RCP, Install	280	Ft
450E2028	36" RCP Flared End, Furnish	1	Each
450E2029	36" RCP Flared End, Install	1	Each
450E2200	24" RCP Sloped End, Furnish	7	Each
450E2201	24" RCP Sloped End, Install	7	Each
450E2204	30" RCP Sloped End, Furnish	1	Each
450E2205	30" RCP Sloped End, Install	1	Each
450E4759	18" CMP 16 Gauge, Furnish	40	Ft
450E4760	18" CMP, Install	40	Ft
450E4769	24" CMP 16 Gauge, Furnish	60	Ft
450E4770	24" CMP, Install	60	Ft
450E4789	36" CMP 16 Gauge, Furnish	104	Ft
450E4790	36" CMP, Install	104	Ft
450E5015	24" CMP Elbow, Furnish	2	Each
450E5016	24" CMP Elbow, Install	2	Each
450E5025	36" CMP Elbow, Furnish	4	Each
450E5026	36" CMP Elbow, Install	4	Each
450E5211	18" CMP Flared End, Furnish	2	Each
450E5212	18" CMP Flared End, Install	2	Each
450E5215	24" CMP Flared End, Furnish	1	Each
450E5216	24" CMP Flared End, Install	1	Each
450E5223	36" CMP Flared End, Furnish	2	Each
450E5224	36" CMP Flared End, Install	2	Each
450E5310	24" CMP Sloped End, Furnish	2	Each
450E5311	24" CMP Sloped End, Install	2	Each
450E5420	36" CMP Safety End, Furnish	1	Each
450E5423	36" CMP Safety End, Install	1	Each
450E8014	24" RCP to CMP Transition, Furnish	1	Each
450E8015	24" Pipe Transition, Install	1	Each
450E8024	36" RCP to CMP Transition, Furnish	1	Each
450E8025	36" Pipe Transition, Install	1	Each
462E0100	Class M6 Concrete	149.4	CuYd

Grading – Section B – PCN 04D0 (Continued)

Bid Item Number	Item	Quantity	Unit
462E0200	Controlled Density Fill	25.1	CuYd
480E0100	Reinforcing Steel	27,289	Lb
530E0460	Gravity Segmental Block Wall	80	SqFt
600E0300	Type III Field Laboratory	1	Each
620E0020	Type 2 Right-of-Way Fence	380	Ft
620E0515	Type 1A Temporary Fence	422	Ft
620E1020	2 Post Panel	2	Each
620E1030	3 Post Panel	2	Each
650E0080	Type B68 Concrete Curb and Gutter	254	Ft
650E1080	Type F68 Concrete Curb and Gutter	8,557	Ft
650E1380	Type FL68 Concrete Curb and Gutter	7,296	Ft
650E4680	Type P8 Concrete Gutter	160	Ft
651E0040	4" Concrete Sidewalk	27,172	SqFt
651E0540	4" Colored Concrete Sidewalk	540	SqFt
651E7000	Type 1 Detectable Warnings	160	SqFt
670E1200	Type B Frame and Grate Assembly	6	Each
670E2200	Type C Frame and Grate	1	Each
670E5300	3' x 4' Drop Inlet Cover	1	Each
670E5340	4' x 11' Precast Concrete Type S Drop Inlet Lid	26	Each
671E4548	48" Manhole Cone Section	3.3	Ft
671E6007	Type A7 Manhole Frame and Lid	1	Each
680E2000	Concrete Headwall for Underdrain	1	Each
720E1015	Bank and Channel Protection Gabion	22.5	CuYd
900E1980	Storage Unit	1	Each

Grading – Section B – PCN 04T9

Bid Item Number	Item	Quantity	Unit
009E0010	Mobilization	Lump Sum	LS
009E3230	Grade Staking	0.236	Mile
009E3250	Miscellaneous Staking	0.118	Mile
009E3280	Slope Staking	0.118	Mile
110E1010	Remove Asphalt Concrete Pavement	203.7	SqYd
120E0010	Unclassified Excavation	910	CuYd
120E0300	Borrow Unclassified Excavation	648	CuYd
120E2000	Undercutting	672	CuYd
120E6100	Water for Embankment	15.6	MGal

Traffic Control – Section C – PCN 04D0

Bid Item Number	Item	Quantity	Unit
634E0010	Flagging	2,200	Hour
634E0020	Pilot Car	160	Hour
634E0100	Traffic Control	7,002	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0380	Tubular Marker	176	Each
634E0420	Type C Advance Warning Arrow Panel	4	Each
634E0640	Temporary Pavement Marking	21,520	Ft
634E0915	Short Term Temporary Traffic Signal System	1	Site
634E1002	Detour Signing	1,245.8	SqFt
634E1215	Contractor Furnished Portable Changeable Message Sign	3	Each

INDEX OF SHEETS

A1 to A3 Estimate of Quantities for Sections B,C,D, F, L, M and S
A4 to A5 Environmental Commitments

Traffic Control – Section C – PCN 04T9

Bid Item Number	Item	Quantity	Unit
634E0010	Flagging	20	Hour
634E0100	Traffic Control	986	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0420	Type C Advance Warning Arrow Panel	2	Each

Erosion and Sediment Control – Section D – PCN 04D0

Bid Item Number	Item	Quantity	Unit
110E1690	Remove Sediment	23.0	CuYd
110E1693	Remove Erosion Control Wattle	1,625	Ft
110E1700	Remove Silt Fence	525	Ft
230E0010	Placing Topsoil	11,100	CuYd
730E0204	Type C Permanent Seed Mixture	234	Lb
730E0206	Type D Permanent Seed Mixture	2,205	Lb
731E0100	Fertilizing	24,025	Lb
732E0100	Mulching	26.0	Ton
732E0250	Fiber Mulching	15,750	Lb
734E0042	Soil Stabilizer	4,000.0	SqYd
734E0102	Type 2 Erosion Control Blanket	755	SqYd
734E0131	Type 1 Turf Reinforcement Mat	1,670.0	SqYd
734E0154	12" Diameter Erosion Control Wattle	6,500	Ft
734E0165	Remove and Reset Erosion Control Wattle	1,625	Ft
734E0325	Surface Roughening	8.9	Acre
734E0510	Shaping for Erosion Control Blanket	2,705	Ft
734E0604	High Flow Silt Fence	2,100	Ft
734E0610	Mucking Silt Fence	145	CuYd
734E0620	Repair Silt Fence	525	Ft
734E0845	Sediment Control at Inlet with Frame and Grate	6	Each
734E0847	Sediment Control at Type S Reinforced Concrete Drop Inlet	338	Ft
734E0855	Interim Sediment Control at Inlet	32	Each
734E4100	Sediment Basin Skimmer	1	Each
734E5010	Sweeping	4	Hour
900E1320	Construction Entrance	1	Each

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 14B(170)232 NH 0014(203)232	A2	A5

Plotting Date: 02/28/2014 Rev. 02/28/2014 JRF

SPECIFICATIONS

Standard Specifications for Roads & Bridges, 2004 Edition and Required Provisions, Supplemental Specifications and/or Special Provisions as included in the Proposal.

Erosion and Sediment Control-Section D - PCN 04T9

Bid Item Number	Item	Quantity	Unit
230E0100	Remove and Replace Topsoil	Lump Sum	LS
734E0010	Erosion Control	Lump Sum	LS

Surfacing – Section F – PCN 04T9

Bid Item Number	Item	Quantity	Unit
120E6200	Water for Granular Material	9.5	MGal
260E1010	Base Course	788.4	Ton
320E1200	Asphalt Concrete Composite	314.7	Ton
320E5020	Saw Joint in Asphalt Concrete	320	Ft
332E0010	Cold Milling Asphalt Concrete	206	SqYd

Signal & Lighting – Section L – PCN 04D0

Bid Item Number	Item	Quantity	Unit
110E1520	Remove Signal Equipment	Lump Sum	LS
110E1530	Remove Signal Pole Footing	3	Each
110E1540	Remove Luminaire Pole Footing	2	Each
110E5110	Salvage Signal Equipment	Lump Sum	LS
635E0050	Breakaway Base Luminaire Pole with Arm, 50' Mounting Height	17	Each
635E2060	Signal Pole with 60' Mast Arm	1	Each
635E2135	Signal Pole with 35' Mast Arm and Luminaire Arm	1	Each
635E2140	Signal Pole with 40' Mast Arm and Luminaire Arm	1	Each
635E2145	Signal Pole with 45' Mast Arm and Luminaire Arm	2	Each
635E3340	Roadway Luminaire, 400 Watt with Photoelectric Cell	21	Each
635E3998	Mast Arm for Existing Signal Pole	2	Each
635E4030	3 Section Vehicle Signal Head	22	Each
635E4050	5 Section Vehicle Signal Head	2	Each
635E5020	2' Diameter Footing	190.0	Ft
635E5030	3' Diameter Footing	89.0	Ft
635E5302	Type 2 Electrical Junction Box	25	Each
635E5303	Type 3 Electrical Junction Box	4	Each
635E5304	Type 4 Electrical Junction Box	5	Each
635E5400	Electrical Service Cabinet	2	Each
635E5430	Traffic Signal Controller	1	Each
635E5530	Preformed Detector Loop	36	Each
635E5550	Detector Unit	6	Each
635E5560	Emergency Vehicle Preemption Unit	1	Each
635E5570	Optical Detector	4	Each
635E5900	Pedestrian Push Button	14	Each
635E5910	Pedestrian Push Button Pole	15	Each
635E5922	Pedestrian Signal Head with Countdown Timer	14	Each
635E5930	Pedestrian Crossing Sign	14	Each
635E7500	Remove and Reset Luminaire Pole	2	Each
635E7510	Remove and Reset Signal Pole	2	Each
635E7530	Relocate Signal Equipment	Lump Sum	LS
635E8120	2" Rigid Conduit, Schedule 40	5,675	Ft
635E8130	3" Rigid Conduit, Schedule 40	275	Ft
635E8150	5" Rigid Conduit, Schedule 40	80	Ft
635E8220	2" Rigid Conduit, Schedule 80	1,450	Ft
635E8230	3" Rigid Conduit, Schedule 80	460	Ft
635E8240	4" Rigid Conduit, Schedule 80	280	Ft
635E9014	1/C #4 AWG Copper Wire	490	Ft
635E9016	1/C #6 AWG Copper Wire	17,085	Ft
635E9020	1/C #10 AWG Copper Wire	2,150	Ft
635E9502	2/C #14 AWG Copper Tray Cable, K2	160	Ft
635E9504	4/C #14 AWG Copper Tray Cable, K2	4,525	Ft
635E9507	7/C #14 AWG Copper Tray Cable, K2	1,235	Ft
635E9512	12/C #14 AWG Copper Tray Cable, K2	1,045	Ft
635E9524	24/C #14 AWG Copper Tray Cable, K2	1,625	Ft
635E9600	#16 AWG Copper Twisted Shielded Pair	2,825	Ft
635E9710	2/C #10 AWG Copper Pole and Bracket Cable	1,755	Ft
635E9948	48 Strand Fiber Optic Cable	2,235	Ft

Surfacing – Section F – PCN 04D0

Bid Item Number	Item	Quantity	Unit
120E6200	Water for Granular Material	523.5	MGal
205E0010	Dust Control Chloride	10,270	Lb
260E0010	Subbase	12,321.2	Ton
260E1010	Base Course	11,856.6	Ton
260E1030	Base Course, Salvaged	19,434.8	Ton
320E5020	Saw Joint in Asphalt Concrete	1,431	Ft
330E0010	MC-70 Asphalt for Prime	34.0	Ton
330E0100	SS-1h or CSS-1h Asphalt for Tack	16.5	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	9.7	Ton
330E1000	Blotting Sand for Prime	143.7	Ton
330E2000	Sand for Flush Seal	147.8	Ton
332E0010	Cold Milling Asphalt Concrete	10,536	SqYd
380E0050	8" Nonreinforced PCC Pavement	852.5	SqYd
380E2564	4" Barrier Type Colored Median PCC Pavement	2,511.2	SqYd
380E6000	Dowel Bar	267	Each
380E6110	Insert Steel Bar in PCC Pavement	66	Each
380E9010	Temporary Gravel Crossing	2	Each

Surfacing – Section F – Alternate A - PCN 04D0

Bid Item Number	Item	Quantity	Unit
320E0008	PG 64-34 Asphalt Binder	719.9	Ton
320E1004	Class Q4 Hot Mixed Asphalt Concrete	12,126.4	Ton
320E4000	Hydrated Lime	120.3	Ton

Surfacing – Section F – Alternate B - PCN 04D0

Bid Item Number	Item	Quantity	Unit
320E0008	PG 64-34 Asphalt Binder	615.8	Ton
320E1004	Class Q4 Hot Mixed Asphalt Concrete	12,439.3	Ton
320E4000	Hydrated Lime	123.0	Ton

1:200

Plot Scale -

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ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 14B(170)232 NH 0014(203)232	A3	A5

Plotting Date: 02/26/2014

Pavement Marking – Section M – PCN 04D0

Bid Item Number	Item	Quantity	Unit
633E1400	Pavement Marking Paint, 4" White	11,190	Ft
633E1405	Pavement Marking Paint, 4" Yellow	4,560	Ft
633E1430	Pavement Marking Paint, 24" White	1,940	Ft
633E1435	Pavement Marking Paint, 24" Yellow	205	Ft
633E1440	Pavement Marking Paint, Area	440	SqFt
633E1445	Pavement Marking Paint, Arrow	38	Each

Pavement Marking – Section M – PCN 04T9

Bid Item Number	Item	Quantity	Unit
633E1400	Pavement Marking Paint, 4" White	465	Ft
633E1405	Pavement Marking Paint, 4" Yellow	715	Ft
633E1445	Pavement Marking Paint, Arrow	3	Each

Permanent Signing – Section S – 04D0

Bid Item Number	Item	Quantity	Unit
110E5020	Salvage Traffic Sign	4	Each
632E1320	2.0"x2.0" Perforated Tube Post	280.5	Ft
632E1340	2.5"x2.5" Perforated Tube Post	33.0	Ft
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	89.0	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	49.5	SqFt
632E3520	Remove, Salvage, Relocate, and Reset Traffic Sign	9	Each

Plot Scale - 1:200

Plotted From - tpr13287

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ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 14B(170)232 NH 0014(203)232	A4	A5

Plotting Date: 02/26/2014

COMMITMENT C: WATER SOURCE

The Contractor shall not withdraw water with equipment previously used outside the State of South Dakota without prior approval from the SDDOT Environmental Office. Thoroughly wash all construction equipment before entering South Dakota to reduce the risk of invasive species introduction into the project vicinity.

Action Taken/Required:

The Contractor shall obtain the necessary permits from the regulatory agencies such as the Department of Environment and Natural Resources (DENR) and the United States Army Corps of Engineers (COE) prior to executing water extraction activities.

COMMITMENT D: WATER QUALITY STANDARDS

COMMITMENT D2: SURFACE WATER DISCHARGE

The Capital Creek is classified as fish and wildlife propagation, recreation, irrigation and stock watering waters. Because of these beneficial uses, special construction measures may have to be taken to ensure that this water body is not impacted.

Action Taken/Required:

If construction dewatering is required, the Contractor shall obtain a Temporary Discharge Permit from the DENR and provide a copy to the Project Engineer. Contact the DENR Surface Water Program at 605-773-3351 to apply for a permit.

COMMITMENT E: STORM WATER

Construction activities constitute 1 acre or more of earth disturbance.

Action Taken/Required:

The DENR and the US Environmental Protection Agency (EPA) have issued separate general permits for the discharge of storm water runoff. The DENR permit applies to discharges on state land and the EPA permit applies to discharges on federal or reservation land. The Contractor is advised this project is regulated under the Phase II Storm Water Regulations and must receive coverage under the General Permit for Construction Activities. A Notice of Intent (NOI) will be submitted to DENR a minimum of 15 days prior to project start by the DOT Environmental Office. A letter must be received from DENR that acknowledges project coverage under this general permit before project start. The Contractor is advised that permit coverage may also be required by off-site activities, such as borrow and staging areas, which are the responsibility of the Contractor.

The Contractor shall adhere to the "Special Provision Regarding Storm Water Discharges to Waters of the State".

A major component of the storm water construction permits is development and implementation of a Storm Water Pollution Prevention Plan (SWPPP), which is a joint effort and responsibility of the SDDOT and the Contractor. Erosion control measures and best management practices will be

implemented in accordance with the SWPPP. The SWPPP is a dynamic document and is to be available on-site at all times.

Information on storm water permits and SWPPPs are available on the following websites:

SDDOT:

<http://sddot.com/transportation/highways/environmental/stormwater/Default.aspx>

DENR: <http://www.denr.sd.gov/des/sw/stormwater.aspx>

EPA: http://cfpub.epa.gov/npdes/home.cfm?program_id=6

Contractor Certification Form:

The "Department of Environmental and Natural Resources – Contractor Certification Form" (SD EForm – 2110LDV1-ContractorCertification.pdf) shall be completed by the Contractor or their certified Erosion Control Supervisor after the award of the contract. Work may not begin on the project until this form is signed.

The form certifies under penalty of law that the Contractor understands and will comply with the terms and conditions of the Surface Water Discharge General Permit for Storm Water Discharges Associated with Construction Activities for the Project.

The online form can be found at:

<http://denr.sd.gov/des/sw/eforms/E2110LDV1-ContractorCertification.pdf>

COMMITMENT H: WASTE DISPOSAL SITE

The Contractor shall furnish a site(s) for the disposal of construction and/or demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the State ROW.

The waste disposal site(s) shall be managed and reclaimed in accordance with the following from the General Permit for Highway, Road, and Railway Construction/Demolition Debris Disposal Under the South Dakota Waste Management Program issued by the Department of Environment and Natural Resources.

The waste disposal site(s) shall not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Project Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements shall apply:

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials shall be buried in a trench completely separate from wood debris. The final cover over the construction and/or demolition debris shall consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the State ROW shall be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor shall control the access to waste disposal sites not within the State ROW through the use of fences, gates, and placement of a sign or signs at the entrance to the site stating "No Dumping Allowed".
2. Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period of time not to exceed the duration of the project. Prior to project completion, the waste shall be removed from view of the ROW or buried and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06.

Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) shall be incidental to the various contract items.

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 14B(170)232 NH 0014(203)232	A5	A5

Plotting Date: 02/26/2014

COMMITMENT I: HISTORICAL PRESERVATION OFFICE CLEARANCES

The SDDOT has obtained concurrence with the State Historical Preservation Office (SHPO or THPO) for all work included within the project limits and all designated option borrow sites provided within the plans.

Action Taken/Required:

All earth disturbing activities not designated within the plans require review of cultural resources impacts. This work includes, but is not limited to: staging areas, borrow sites, waste disposal sites, and all material processing sites.

The Contractor shall arrange and pay for a cultural resource survey and/or records search. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor shall provide ARC with the following: a topographical map or aerial view on which the site is clearly outlined, site dimensions, project number, and PCN. If applicable, provide evidence that the site has been previously disturbed by farming, mining, or construction activities with a landowner statement that artifacts have not been found on the site.

The Contractor shall submit the records search or cultural resources survey report and if the location of the site is within the current geographical or historic boundaries of any South Dakota reservation to SDDOT Environmental Engineer, 700 East Broadway Avenue, Pierre, SD 57501-2586 (605-773-3180). SDDOT will submit the information to the appropriate SHPO/THPO. Allow **30 Days** from the date this information is submitted to the Environmental Engineer for SHPO/THPO review.

If evidence for cultural resources is uncovered during project construction activities, then such activities shall cease and the Project Engineer shall be immediately notified. The Project Engineer will contact the SDDOT Environmental Engineer in order to determine an appropriate course of action.

SHPO/THPO review does not relieve the Contractor of the responsibility for obtaining any additional permits and clearances for staging areas, borrow sites, waste disposal sites, or material processing sites that affect wetlands, threatened and endangered species, or waterways. The Contractor shall provide the required permits and clearances to the Project Engineer at the preconstruction meeting.

1:200
Plot Scale -

Plotted From -
tpr13287

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