

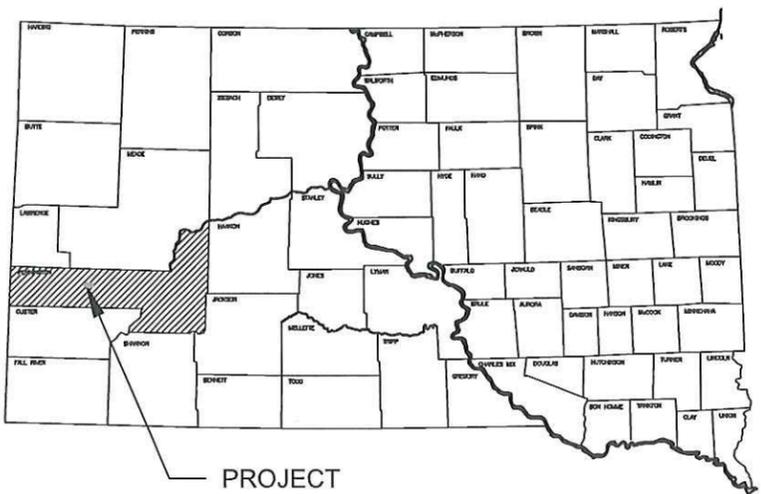
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT NO.	SHEET NUMBER	TOTAL SHEETS
	EM 1648(06)	1	144
TITLE SHEET, LAYOUT & INDEX			

STATE OF SOUTH DAKOTA
PLANS FOR PROPOSED

PROJECT NO. EM 1648(06) EAST ANAMOSA STREET

PENNINGTON COUNTY
GRADING, PCC SURFACING, CURB & GUTTER, STORM SEWER,
TRAFFIC SIGNALS, PERMANENT SIGNING
PCN 04P6



PROJECT

INDEX OF SECTIONS

SECTION	
A	ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS
B	GRADING PLANS
C	TRAFFIC CONTROL PLANS
D	EROSION AND SEDIMENT CONTROL PLANS
F	SURFACING PLANS
L	SIGNAL AND LIGHTING PLANS
M	PAVEMENT MARKING PLANS
S	PERMANENT SIGNING PLANS
X	CROSS SECTIONS

CENTURY ROAD

DESIGN DESIGNATION	E. NORTH ST. TO E. ANAMOSA ST.
ADT (2005)	N/A
ADT (2030)	2,100
DHV	N/A
D	N/A
T DHV	N/A
DESIGN SPEED	25 MPH

STORM WATER PERMIT

MAJOR RECEIVING BODY OF WATER: BOX ELDER CREEK
AREA DISTURBED: 1.7 ACRES
TOTAL PROJECT AREA: 1.7 ACRES
BEGIN PROJECT: N 44°05'48.00", W 103°12'06.35"

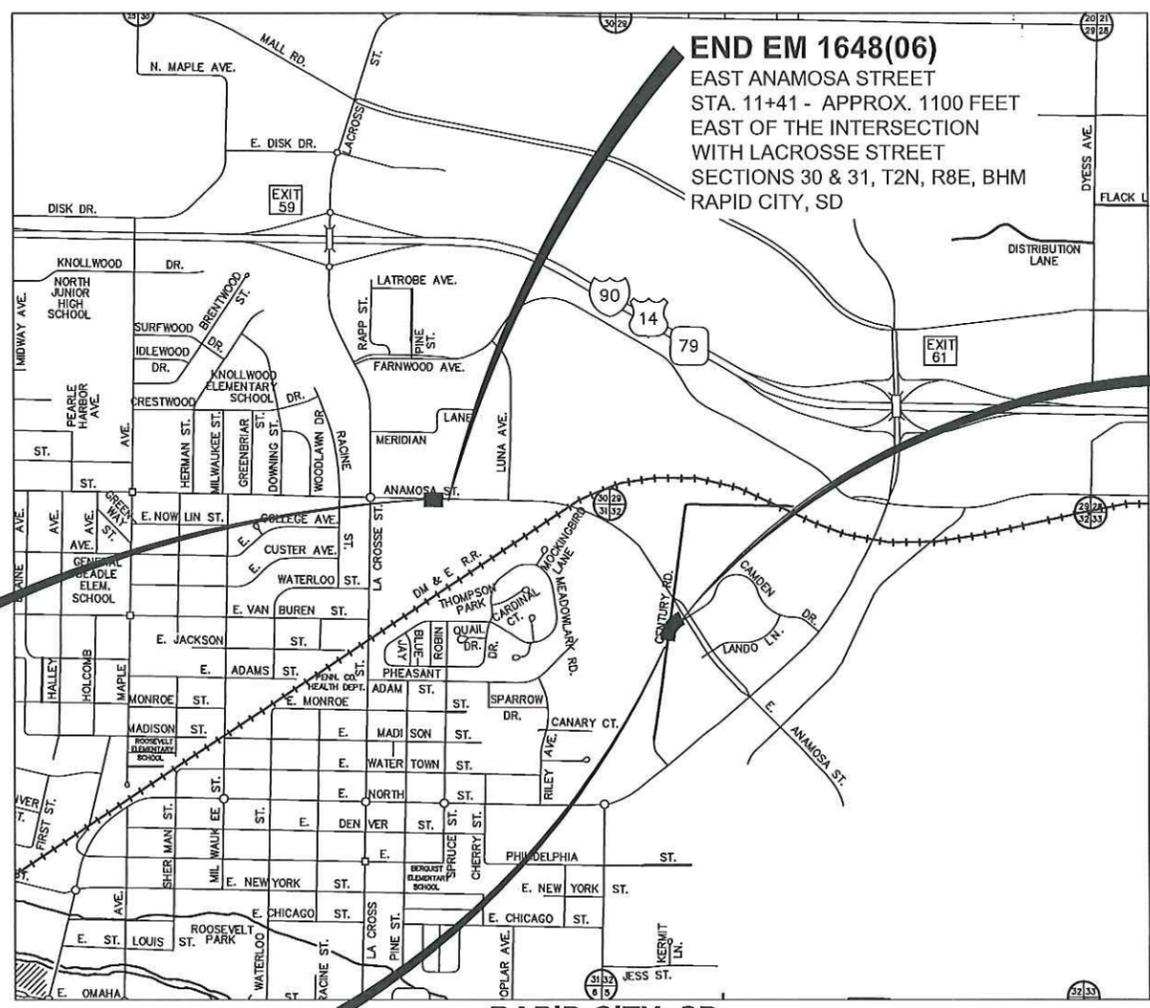


330 KNOLLWOOD DRIVE
RAPID CITY, SD 57701
PH: 605.721.5553
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www.kljeng.com

SURVEY BY: KLJ RAPID CITY, SOUTH DAKOTA
PLANS BY: KLJ RAPID CITY, SOUTH DAKOTA

SCALES

PLAN	1 INCH = 40 FT.
PROFILE	HORIZ. 1 INCH = 40 FT.
	VERT. 1 INCH = 10 FT.
CROSS SECTIONS	HORIZ. 1 INCH = 40 FT.
	VERT. 1 INCH = 10 FT.



BEGIN EM 1648(06)
EAST ANAMOSA STREET
STA. 7+33 - APPROX. 700 FEET EAST
OF THE INTERSECTION
WITH LACROSSE STREET
SECTIONS 30 & 31, T2N, R8E, BHM
RAPID CITY, SD

END EM 1648(06)
EAST ANAMOSA STREET
STA. 11+41 - APPROX. 1100 FEET
EAST OF THE INTERSECTION
WITH LACROSSE STREET
SECTIONS 30 & 31, T2N, R8E, BHM
RAPID CITY, SD

END EM 1648(06)
CENTURY ROAD
STA. 18+13 - APPROX. 20 FEET
SOUTHWEST OF THE INTERSECTION
WITH EAST ANAMOSA STREET
SECTION 32, T2N, R8E, BHM
RAPID CITY, SD

BEGIN EM 1648(06)
CENTURY ROAD
STA. 12+25 - APPROX. 425 FEET
SOUTHWEST OF THE INTERSECTION
WITH EAST ANAMOSA STREET
SECTION 32, T2N, R8E, BHM
RAPID CITY, SD

GROSS LENGTH	996 FEET	0.189 MILES
LENGTH OF EXCEPTIONS	0 FEET	0.000 MILES
NET LENGTH	996 FEET	0.189 MILES



ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT NO.	SHEET NUMBER	TOTAL SHEETS
	EM 1648(06)	A1	A4
QUANTITIES			

Revised Date: 12/16/15 RDW
12/17/15 RDW

INDEX OF SHEETS

A1 AND A2 ESTIMATE OF QUANTITIES FOR SECTIONS B, C, D, F, L, M, AND S.
A3 to A4 ENVIRONMENTAL COMMITMENTS

SECTION B - ESTIMATE OF QUANTITIES			
BID ITEM NUMBER	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
009E0010	MOBILIZATION	LUMP SUM	LS
009E3200	CONSTRUCTION STAKING	LUMP SUM	LS
009E3220	REESTABLISH PROPERTY CORNER	3	EACH
100E0100	CLEARING	LUMP SUM	LS
110E0130	REMOVE TRAFFIC SIGN	6	EACH
110E0300	REMOVE CONCRETE CURB AND GUTTER	56	FT
110E0500	REMOVE PIPE CULVERT	131	FT
110E0600	REMOVE FENCE	649	FT
110E1010	REMOVE ASPHALT CONCRETE PAVEMENT	35	SQYD
110E1100	REMOVE CONCRETE PAVEMENT	47	SQYD
110E1140	REMOVE CONCRETE SIDEWALK	52	SQYD
110E7800	REMOVE CHAIN LINK FENCE FOR RESET	61	FT
120E0010	UNCLASSIFIED EXCAVATION	1365	CUYD
120E0600	CONTRACTOR FURNISHED BORROW EXCAVATION	7930	CUYD
250E0020	INCIDENTAL WORK, GRADING	LUMP SUM	LS
380E2564	4" BARRIER TYPE COLORED MEDIAN PCC PAVEMENT	13	SQYD
380E3540	8" PCC APPROACH PAVEMENT	36	SQYD
450E0122	18" RCP CLASS 2, FURNISH	214	FT
450E0130	18" RCP, INSTALL	214	FT
450E0142	24" RCP CLASS 2, FURNISH	306	FT
450E0150	24" RCP, INSTALL	306	FT
450E0182	36" RCP CLASS 2, FURNISH	78	FT
450E0190	36" RCP, INSTALL	78	FT
450E2008	18" RCP FLARED END, FURNISH	2	EACH
450E2009	18" RCP FLARED END, INSTALL	2	EACH
621E0260	SPECIAL 6' CHAIN LINK FENCE	55	FT
621E0520	RESET CHAIN LINK FENCE	61	FT
634E0560	REMOVE PAVEMENT MARKING, 4" OR EQUIVALENT	112	FT
650E0080	TYPE B68 CONCRETE CURB AND GUTTER	987	FT
650E0090	TYPE B69 CONCRETE CURB AND GUTTER	104	FT
650E0390	TYPE BL69 CONCRETE CURB AND GUTTER	47	FT
650E4680	TYPE P8 CONCRETE GUTTER	40	FT
651E0040	4" CONCRETE SIDEWALK	6071	SQFT
651E7000	TYPE 1 DETECTABLE WARNINGS	64	SQFT
670E1010	2' X 3' TYPE B DROP INLET	1	EACH
670E1015	3' X 4' TYPE B DROP INLET	1	EACH
670E2030	4' X 5' TYPE C DROP INLET	2	EACH
670E4440	4' X 11' CONCRETE TYPE S DROP INLET BASE	2	EACH
670E5340	4' X 11' PRECAST TYPE S DROP INLET LID	2	EACH
680E0040	4" UNDERDRAIN PIPE	1010	FT
680E2502	CRUSHED ROCK	150	TON
831E0200	WOVEN SEPARATOR FABRIC	5,194	SQYD
900E0010	REFURBISH SINGLE MAILBOX	1	EACH

SECTION C - TRAFFIC CONTROL			
BID ITEM NUMBER	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
634E0010	FLAGGING	100	HR
634E0110	TRAFFIC CONTROL SIGNS	410	SQFT
634E0120	TRAFFIC CONTROL, MISCELLANEOUS	LUMP SUM	LS
634E0285	TYPE 3 BARRICADE, 8' DOUBLE SIDED	7	EACH
634E0420	TYPE C ADVANCE WARNING ARROW BOARD	2	EACH
634E0600	4" TEMPORARY PAVEMENT MARKING TAPE TYPE I	565	FT
651E7010	TYPE 2 DETECTABLE WARNINGS	24	SQFT

SECTION D - ESTIMATE OF QUANTITIES			
BID ITEM NUMBER	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
110E1690	REMOVE SEDIMENT	4	CUYD
110E1693	REMOVE EROSION CONTROL WATTLE	640	FT
110E1695	REMOVE SEDIMENT FILTER BAG	216	FT
110E1700	REMOVE SILT FENCE	176	FT
230E0010	PLACING TOPSOIL	850	CUYD
730E0100	COVER CROP SEEDING	1	BU
730E0210	TYPE F PERMANENT SEED MIXTURE	26	LB
731E0100	FERTILIZING	1500	LB
732E0100	MULCHING	4	TON
733E0100	SODDING	33	SQYD
734E0044	SOIL STABILIZER	1.0	ACRE
734E0154	12" DIAMETER EROSION CONTROL WATTLE	1060	FT
734E0180	SEDIMENT FILTER BAG	216	FT
734E0325	SURFACE ROUGHENING	1.0	ACRE
734E0604	HIGH FLOW SILT FENCE	176	FT
734E0845	SEDIMENT CONTROL AT INLET WITH FRAME AND GRATE	6	EACH
734E0847	SEDIMENT CONTROL AT TYPE S REINFORCED CONCRETE DROP INLET	24	FT
734E5010	SWEEPING	20	HR
900E1320	CONSTRUCTION ENTRANCE	1	EACH

SECTION F - ESTIMATE OF QUANTITIES			
BID ITEM NUMBER	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
260E2010	GRAVEL CUSHION	1230	TON
320E1200	ASPHALT CONCRETE COMPOSITE	65	TON
380E0050	8" NONREINFORCED PCC PAVEMENT	1,846	SQYD
380E1030	8" MISCELLANEOUS PCC PAVEMENT	169	SQYD
380E6000	DOWEL BAR	1,176	EACH
380E6110	INSERT STEEL BAR IN PCC PAVEMENT	64	EACH

SECTION L - ESTIMATE OF QUANTITIES			
BID ITEM NUMBER	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
635E2035	SIGNAL POLE WITH 35' MAST ARM	2	EACH
635E2530	GALVANIZED STEEL UTILITY POLE	1	EACH
635E4010	1 SECTION VEHICLE SIGNAL HEAD	8	EACH
635E5030	3' DIAMETER FOOTING	14	FT
635E5301	TYPE 1 ELECTRICAL JUNCTION BOX	2	EACH
635E5400	ELECTRICAL SERVICE CABINET	1	EACH
635E5510	SIGNAL FLASHER UNIT	1	EACH
635E5800	MISCELLANEOUS SIGNAL PARTS	LUMP SUM	LS
635E5900	PEDESTRIAN PUSH BUTTON	2	EACH
635E5910	PEDESTRIAN PUSH BUTTON POLE	2	EACH
635E5930	PEDESTRIAN CROSSING SIGN	2	EACH
635E8120	2" RIGID CONDUIT, SCHEDULE 40	70	FT
635E8370	2" INNERDUCT, SCHEDULE 80	85	FT
635E9018	1/C #8 AWG COPPER WIRE	105	FT
635E9020	1/C #10 AWG COPPER WIRE	184	FT
635E9304	4/C #14 AWG IMSA COPPER CABLE, K1	567	FT
635E9307	7/C #14 AWG IMSA COPPER CABLE, K1	151	FT



FOR BIDDING PURPOSES ONLY

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

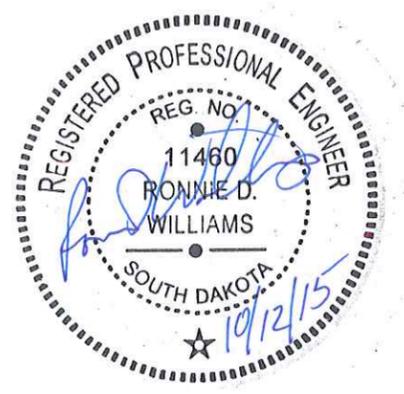
STATE OF SOUTH DAKOTA	PROJECT NO.	SHEET NUMBER	TOTAL SHEETS
	EM 1648 (06)	A2	A4
QUANTITIES			

SECTION M - PAVEMENT MARKING			
BID ITEM NUMBER	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
633E0010	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	1,160	FT
633E0020	COLD APPLIED PLASTIC PAVEMENT MARKING, 8"	46	FT
633E0025	COLD APPLIED PLASTIC PAVEMENT MARKING, 12"	96	FT
633E0030	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	48	FT
633E0040	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	1	EACH
633E0062	COLD APPLIED PLASTIC PAVEMENT MARKING, SYMBOL	16	EACH
633E5000	GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	1,030	FT
633E5005	GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING, 8"	46	FT
633E5010	GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING, 12"	96	FT
633E5015	GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	48	FT
633E5025	GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	1	EACH
633E5037	GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING, SYMBOL	16	EACH

SECTION S - PERMANENT SIGNING			
BID ITEM NUMBER	ITEM DESCRIPTION	TOTAL QUANTITY	UNIT
632E1320	2.0"X2.0" PERFORATED TUBE POST	124	FT
632E3203	FLAT ALUMINUM SIGN, NONREMOVABLE COPY HIGH INTENSITY	8	SQFT
632E3205	FLAT ALUMINUM SIGN, NONREMOVABLE COPY SUPER/VERY HIGH INTENSITY	98	SQFT

SPECIFICATIONS

STANDARD SPECIFICATIONS FOR ROADS & BRIDGES, 2015 EDITION AND REQUIRED PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, AND SPECIAL PROVISIONS AS INCLUDED IN THE PROPOSAL.



ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT NO.	SHEET NUMBER	TOTAL SHEETS
	EM 1648 (06)	A3	A4
ENVIRONMENTAL COMMITMENTS			

ENVIRONMENTAL COMMITMENTS

AN ENVIRONMENTAL COMMITMENT IS A MEASURE THAT SDDOT COMMITS TO IMPLEMENT IN ORDER TO AVOID, MINIMIZE, AND/OR MITIGATE A REAL OR POTENTIAL ENVIRONMENTAL IMPACT. ENVIRONMENTAL COMMITMENTS TO VARIOUS AGENCIES AND THE PUBLIC HAVE BEEN MADE TO SECURE APPROVAL OF THIS PROJECT. AN AGENCY MENTIONED BELOW WITH PERMITTING AUTHORITY CAN INFLUENCE A PROJECT IF PERCEIVED ENVIRONMENTAL IMPACTS HAVE NOT BEEN ADEQUATELY ADDRESSED. UNLESS OTHERWISE DESIGNATED, THE CONTRACTOR'S PRIMARY CONTACT REGARDING MATTERS ASSOCIATED WITH THESE COMMITMENTS WILL BE THE PROJECT ENGINEER. THESE ENVIRONMENTAL COMMITMENTS ARE NOT SUBJECT TO CHANGE WITHOUT PRIOR WRITTEN APPROVAL FROM THE SDDOT ENVIRONMENTAL OFFICE. THE ENVIRONMENTAL COMMITMENTS ASSOCIATED WITH THIS PROJECT ARE AS FOLLOWS:

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 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".

COMMITMENT E: STORM WATER (CONTINUED)

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](http://sddot.com/transportation/highways/environmental/stormwater/default.aspx)

DENR: [HTTP://WWW.DENR.SD.GOV/DES/SW/STORMWATER.ASPX](http://www.denr.sd.gov/des/sw/stormwater.aspx)

EPA: [HTTP://CFPUB.EPA.GOV/NPDES/HOME.CFM?PROGRAM_ID=6](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](http://denr.sd.gov/des/sw/eforms/e2110ldv1-contractorcercertification.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 CITY 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.

ACTION TAKEN/REQUIRED: (CONTINUED)

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 SEEDING 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 NO.	SHEET NUMBER	TOTAL SHEETS
	EM 1648 (06)	A4	A4
ENVIRONMENTAL COMMITMENTS			

Revised Date: 12/16/15 RDW

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 DEPARTMENT DESIGNATED SOURCES AND DESIGNATED OPTION MATERIAL SOURCES, STOCKPILE SITES, STORAGE AREAS, AND WASTE 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: CONTRACTOR FURNISHED MATERIAL SOURCES, MATERIAL PROCESSING SITES, STOCKPILE SITES, STORAGE AREAS, PLANT SITES, AND WASTE AREAS.

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 CONTRACTOR FURNISHED MATERIAL SOURCES, MATERIAL PROCESSING SITES, STOCKPILE SITES, STORAGE AREAS, PLANT SITES, AND WASTE AREAS 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.

COMMITMENT K: RAPID CITY AREA AIR QUALITY CONTROL ZONE

PERMIT FOR THE RAPID CITY AREA AIR QUALITY CONTROL DISTRICT

ADMINISTRATIVE RULE OF SOUTH DAKOTA (ARSD) 74:36:18:03 STATES THAT "NO STATE FACILITY OR STATE CONTRACTOR MAY ENGAGE IN ANY CONSTRUCTION ACTIVITY OR CONTINUOUS OPERATION ACTIVITY WITHIN THE RAPID CITY AIR QUALITY CONTROL ZONE WHICH MAY CAUSE FUGITIVE EMISSIONS OF PARTICULATE TO BE RELEASED INTO THE AMBIENT AIR WITHOUT FIRST OBTAINING A PERMIT ISSUED BY THE BOARD OR THE SECRETARY."

CONSTRUCTION ACTIVITY IS DEFINED AS ANY TEMPORARY ACTIVITY AT A STATE FACILITY, WHICH INVOLVES THE REMOVAL OR ALTERATION OF THE NATURAL OR PRE-EXISTING COVER OF ONE ACRE OR MORE OF LAND. ONE ACRE OF SURFACE AREA IS BASED ON A CUMULATIVE AREA OF DISTURBANCE TO BE COMPLETED FOR THE ENTIRE PROJECT. CONSTRUCTION ACTIVITY SHALL INCLUDE, BUT NOT BE LIMITED TO, STRIPPING OF TOPSOIL, DRILLING, BLASTING, EXCAVATION, DREDGING, DITCHING, GRADING, STREET MAINTENANCE AND REPAIR, OR EARTH MOVING. CONSTRUCTION ACTIVITY IS GENERALLY COMPLETED WITHIN ONE YEAR. IT ALSO INCLUDES STOCKPILES, ACCESS ROADS, AND DISPOSAL AREAS. AN OFF-SITE DISPOSAL AREA OF EXCESS MATERIAL WILL REQUIRE AN ADDITIONAL PERMIT.

ACTION TAKEN/REQUIRED:

IN ORDER TO BE CONSIDERED ELIGIBLE FOR AUTHORIZATION TO CONDUCT A CONSTRUCTION ACTIVITY UNDER THE TERMS AND CONDITIONS OF THIS PERMIT, THE OWNER OPERATOR MUST SUBMIT A NOTICE OF INTENT (NOI) FORM. THE FORM MUST BE SUBMITTED TO THE ADDRESS BELOW AT LEAST SEVEN BUSINESS DAYS PRIOR TO THE ANTICIPATED DATE OF BEGINNING THE CONSTRUCTION ACTIVITY.

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES AIR QUALITY PROGRAM
523 EAST CAPITOL, JOE FOSS BUILDING
PIERRE, SD 57501-3181
PHONE: 605-773-3151

THE PERMIT REQUIRES THE CONTRACTOR TO USE REASONABLY AVAILABLE TECHNOLOGY TO CONTROL FUGITIVE DUST EMISSIONS. THE CONTRACTOR IS REQUIRED TO USE CONTROL MEASURES FOR TRACK OUT, PAVED AREAS, UNPAVED ROADS, UNPAVED PARKING LOTS, DISTURBED AREAS, AND FOR MATERIAL HANDLING AND STORAGE. THE CONTROL MEASURES THAT THE CONTRACTOR IS REQUIRED TO USE ARE LISTED IN THE PERMIT.

