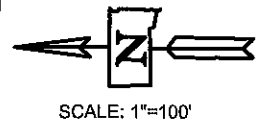


# PROJECT PLAN VIEW

STATE OF	PROJECT	SHEET NO.	TOTAL SHEETS
S.D.	BRO 8030(00)	11	31



S.W. 1/4 Sec. 15, T. 109 N., R. 67 W.

Owners: Lyle O. & Rhonda J. Ford  
 21650 365th Ave.  
 Wessington, So.Dak. 57381  
 Tel. No. (605) 853-3011

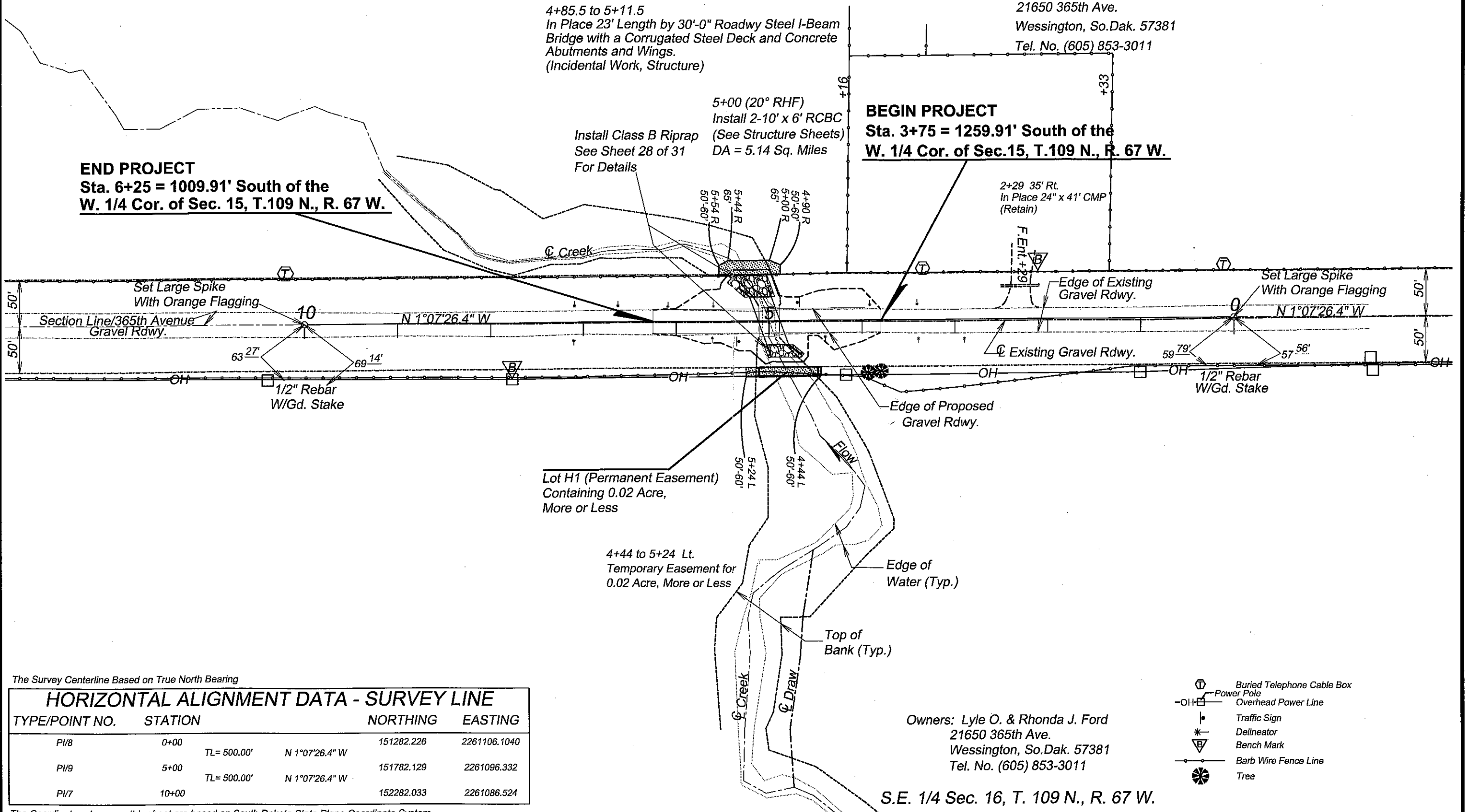
4+85.5 to 5+11.5  
 In Place 23' Length by 30'-0" Roadwy Steel I-Beam Bridge with a Corrugated Steel Deck and Concrete Abutments and Wings.  
 (Incidental Work, Structure)

5+00 (20° RHF)  
 Install 2'-10" x 6' RCBC  
 (See Structure Sheets)  
 DA = 5.14 Sq. Miles

Install Class B Riprap  
 See Sheet 28 of 31  
 For Details

**BEGIN PROJECT**  
 Sta. 3+75 = 1259.91' South of the  
 W. 1/4 Cor. of Sec.15, T.109 N., R. 67 W.

**END PROJECT**  
 Sta. 6+25 = 1009.91' South of the  
 W. 1/4 Cor. of Sec. 15, T.109 N., R. 67 W.



The Survey Centerline Based on True North Bearing

HORIZONTAL ALIGNMENT DATA - SURVEY LINE					
TYPE/POINT NO.	STATION		NORTHING	EASTING	
PI/8	0+00	TL= 500.00'	N 1°07'26.4" W	151282.226	2261106.1040
PI/9	5+00	TL= 500.00'	N 1°07'26.4" W	151782.129	2261096.332
PI/7	10+00			152282.033	2261086.524

The Coordinates shown on this sheet are based on South Dakota State Plane Coordinate System, North Zone (NAD 83/96) CSF=0.999884

Owners: Lyle O. & Rhonda J. Ford  
 21650 365th Ave.  
 Wessington, So.Dak. 57381  
 Tel. No. (605) 853-3011

S.E. 1/4 Sec. 16, T. 109 N., R. 67 W.

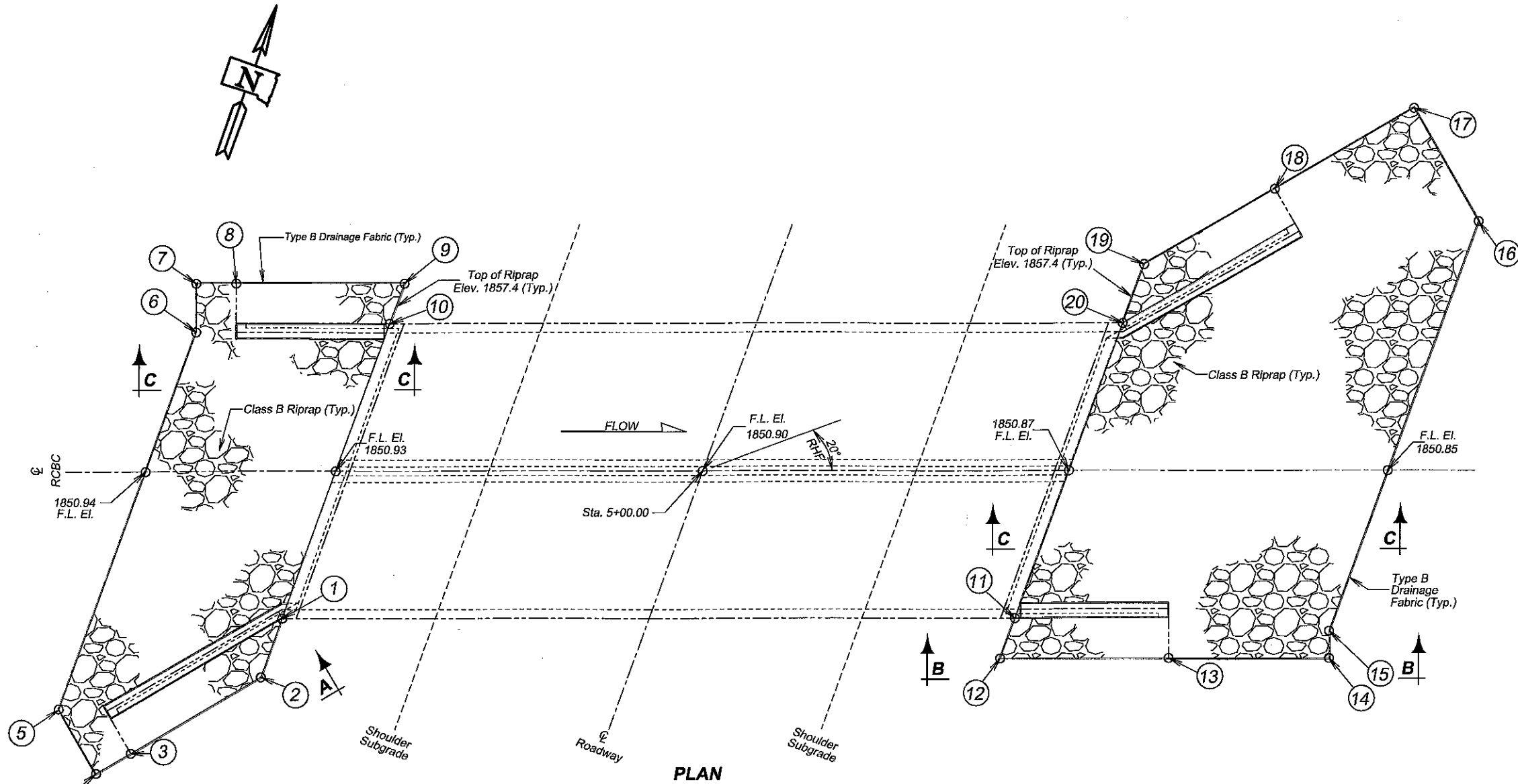
- Buried Telephone Cable Box
- Power Pole
- Overhead Power Line
- Traffic Sign
- Delineator
- Bench Mark
- Barb Wire Fence Line
- Tree

STATE OF	PROJECT	SHEET NO.	TOTAL SHEETS
S.D.	BRO 8030(00)	28	31

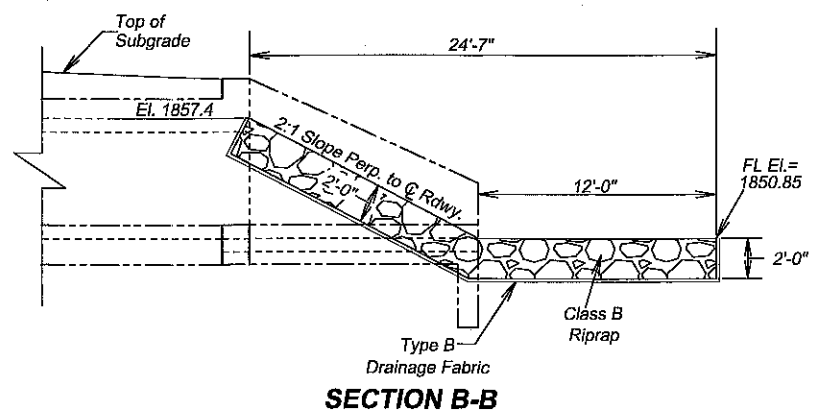
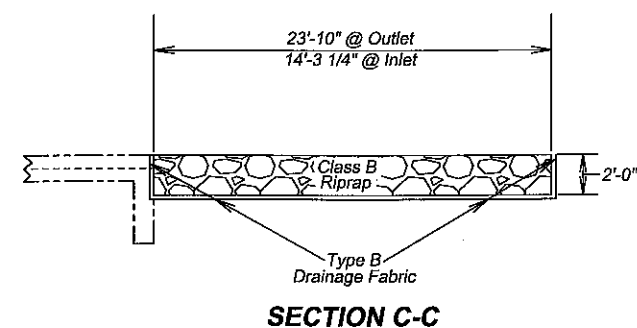
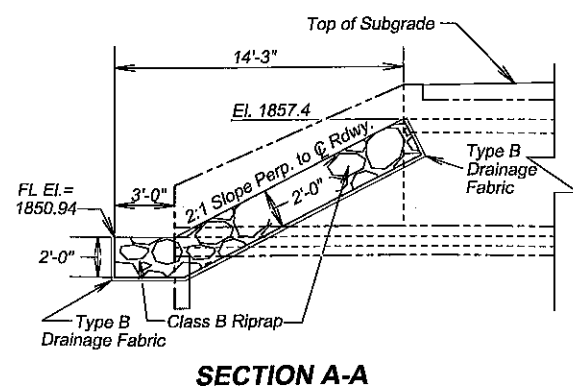
TOTAL ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY
* Class B Riprap	Tons	150.0
Type B Drainage Fabric	Sq Yd	270

\* For estimating purposes only, a factor of 1.4 tons per cubic yard as used to convert cubic yards to tons.

TABLE OF POINTS			
POINT	NORTHING	EASTING	ELEVATION
1	151760.40	2261071.24	1857.40
2	151756.53	2261071.31	1857.40
3	151746.29	2261062.95	1850.94
4	151743.96	2261061.06	1850.94
5	151747.08	2261057.23	1850.94
6	151779.20	2261057.36	1850.94
7	151782.22	2261056.22	1850.94
8	151783.28	2261059.02	1850.94
9	151787.72	2261070.70	1857.40
10	151784.76	2261070.76	1857.40
11	151779.65	2261122.13	1857.40
12	151777.06	2261122.18	1857.40
13	151780.83	2261133.70	1850.85
14	151785.09	2261144.92	1850.85
15	151786.75	2261144.29	1850.85
16	151821.50	2261144.43	1850.85
17	151827.64	2261136.89	1850.85
18	151818.35	2261129.31	1850.85
19	151808.85	2261121.56	1857.40
20	151804.35	2261121.76	1857.40



Riprap shall be placed to match shape of existing channel embankment.



**RIPRAP DETAILS**  
 FOR  
**2 - 10' X 6' BOX CULVERT**  
 OVER CREEK  
 STA. 5 + 00.00  
 STR. NO. 30-210-447  
 PCN 04M7

20° RHF SKEW  
 SEC. 15/16-T109N-R67W  
 BRO 8030(00)  
 HL-93

HAND COUNTY  
 S. D. DEPT. OF TRANSPORTATION  
 AUGUST 2018

DESIGN BY:  
 PIERCE & HARRIS ENGINEERING CO. INC.  
 15 MASONIC BLDG. HURON, S.D. 57350

DESIGNED BY JNK	CK. DES. BY RVH	DRAFTED BY DAG/JNK	BRIDGE ENGINEER
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