



**Addendum #3
to the Contract Documents,
Project Specifications and Drawings for**

Project: Cheyenne Boulevard and West Gate Road Trunk Sanitary
Sewer Main Extension City Project 23.030.000 / TDG 24-006

Owner: City of Box Elder
City Engineer: Scott Lange
420 Villa Drive
Box Elder, SD 57719

Engineer: Towey Design Group, Inc.
147 Chisholm Drive,
Box Elder, SD 57719

Bid Location: Towey Design Group
147 Chisholm Drive
Box Elder, SD 57719

BID DATE: Tuesday April 29, 2025, 2:00 P.M. (MDT)

DATE OF ADD #3: April 24, 2025

SCOPE: This addendum covers the following additions, deletions, modifications, and clarifications to the Contract Documents, Plans and Specifications. The addendum consists of five (5) pages.



CHANGES/CARIFICATIONS/ADDITIONS/DELETIONS TO PLANS AND SPECIFICATIONS

SECTION

DESCRIPTION

Questions/ Clarifications

Question: Does the carrier pipe within the casing need to be restrained?

Answer: No. Additional Information: Spacers and end seals are required per Box Elder Standard Specifications within the steel casing.

Question: Bid form is asking for SDR 35 pipe while the plan note on sheet 004 is calling for SDR 26 pipe. Which one will be required?

Answer: SDR 35 pipe will be required. Items later in this addendum will change the notes.



Question: Will there be required video inspection for the sanitary sewer and the storm sewer?

Answer: Video inspection for the sanitary sewer **will** be required. Video inspection for the storm sewer will NOT be required. All storm sewer in this project are culverts/ culvert extensions.

Question: Will you add a bid item for the video inspection?

Answer: No. Include the video inspection price in the per LF of sanitary sewer.

Question: Can you add a bid item for Connect to Existing Storm Sewer?

Answer: Yes, It will be added with the changes later in this addendum

Question: There are multiple errors in Bid Schedules 1, 2, 3 and 4. They are not matching with the segments in the sheets.

Answer: Yes, this addendum will fix all the found errors in the bid schedules and quantities in the sheets brought up during the questioning period.

Question: What are the traffic control expectations for the MH202 install adjacent to HWY 14/16? Can we work in the Rail Road Right-of-way or do a 14/16 lane closure?

Answer: A lane closure to HWY 14/16 is available if necessary. Do **not** work in the Railroad Right-of-Way. Traffic barriers along the 14/16 road will be required for the Manhole work.

Question: Will a mass haul diagram be provided for the work?

Answer: No. To make it more clear, a table of the dirt work for each segment is provided below. A 1.2 "fill" factor is included to account for shrinkage. These values are based on a top of surface to top of surface comparison of the finished grade surface to the existing surface shown on the plans.

Segment	Cut (C.Y.) (Unclassified Excavation) (+)	Fill (C.Y.) (Unclassified Excavation Borrow) (-)	Net (C.Y.)	Running Total (C.Y.)
Segment 1	28,961	-5,501	23,460	23,460
Segment 2	16,156	-20,467	-4,311	19,149
Segment 3	6,315	-24,805	-18,490	659
Segment 4	2,940	-10,379	-7,439	-6,780



Question: Are there any areas where borrow material can be taken from?

Answer: Yes, the owner to the northwest has some hills/ knobs that can be knocked down if needed. The distance of these knobs are **within** 1.5 miles located to the north west from the intersection of Westgate and Cheyenne Blvd. The material can be purchased at \$5.50 per cubic yard of dirt. Any disturbed area must be restored to existing conditions or better. The contact will be Gordon Howie (605)-381-3998

Question: Will you be providing Construction Staking for this project?

Answer: The construction staking for this project is provided through the City of Box Elder. **Our scope of work is provided below.** Any additional staking and/ or re-staking will be charged back to the awarded contractor.

Survey Tasks Paid for by City – This assumes 20-weeks (2025) and 24-weeks (2026) of construction start to finish.

- Administrative services – electronic file preparation, scheduling, survey notes, etc.
- Set control as needed for each year's project.
- Stake removal limits.
- Stake manholes with double offsets.
- Stake grades for the new sanitary sewer main. Set double offsets for new sewer main at 50' intervals where new sewer is greater than 16' deep or over 15" in diameter.
- Stake steel casing pipe
- Stake water main lowerings.
- Stake culvert improvements.

Additional Information

Additional Information: A stockpile of a little over 3,000 yards is located on the north of Prairie Road. This stock pile shall be used as the first borrow material/ dry backfill material for the sanitary sewer project.

Contract Documents

Section "Bid Form for Construction Contract" Pages 2-7

Revise Bid Schedules:

Pages 2-7 shall be **removed and replaced** with pages 2R, 3R, 4R, 5R, 6R and 7R. The bid schedules were meant to line up with each individual segment listed in the plan sheets. They were instead divided up into 4 schedules that included all of the segments.

The revised sheets now divide each schedule into each segment one (1) through four (4). There are multiple item changes and quantity changes to the bid schedules. These changes were made to reflect the quantities listed on sheet 006 to 007 of the project plans.

Bid Schedule 1:



Strike through Item 103 "Construction Staking" this is contracted through the City of Box Elder.

Change Item 412 quantity from 270 to 281.

Change Item 413 quantity from 11 to 12

Change Item 702 quantity from 1.1 to 1.5.

Bid Schedule 2:

Strike through Item 103 "Construction Staking" this is contracted through the City of Box Elder.

Remove Item 504 and Subsection "Water".

Bid Schedule 3:

Strike through Item 103 "Construction Staking" this is contracted through the City of Box Elder.

Various items and quantities were changed throughout this Bid Schedule to better match Sheet 007 of the project plans.

Bid Schedule 4:

Strike through Item 103 "Construction Staking" this is contracted through the City of Box Elder.

Various items and quantities were changed throughout this Bid Schedule to better match Sheet 007 of the project plans.

Project Plan Documents

Replace Sheet 004 with 004R

Changes note "Sanitary Sewer Main" which changed SDR-26 pipe to SDR-35 pipe.

Delete second paragraph of "Sanitary Sewer Inspection": Provide the video inspection price within the linear foot per length of pipe.

Strike through "Storm Sewer Inspection" paragraph. Storm Sewer inspection will not be required for the culverts.

Replace Sheet 006 with 006R: Quantities of zero were removed from the list. Updated quantities match the Bid Schedule quantities.

Segment 1 Item 412 quantity changed from 270 to 281

Segment 1 Item 702 quantity changed from 1.1 to 1.5

Replace Sheet 007 with 007R: Quantities of zero were removed from the list. Updated quantities match the Bid Schedule quantities.

Segment 3 Item 202 quantity changed from 110 to 10



Segment 3 Added Item 611 "Connect to Existing Storm Sewer"
with a quantity of 2.0.

END OF ADDENDUM #3

BID SCHEDULE 1

Line Item	Description of Item	Quantity	Unit	Unit Cost	Total Cost
General					
100	Mobilization	1	LS		
101	Incidental Work	1	LS		
102	Material Testing	1	LS		
103	Construction Staking	1	LS	0	0
104	Erosion Control	1	LS		
105	Dewatering	1	LS		
106	Traffic Control	1	LS		
107	Railroad Insurance	1	LS		
Removals					
201	Remove Cap	1	EA		
Excavation					
300	Topsoil, Remove and Replace	4,607	CY		
301	Unclassified Excavation	28,961	CY		
304	Type III Foundation Material	100	T		
305	Type IV Foundation Material	100	T		
306	Bore Pit Excavation/ Replace	2,464	CY		
Sanitary Sewer					
400	8" PVC Sewer Main (SDR 35)	220	LF		
402	12" PVC Sewer Main (SDR 35)	20	LF		
403	15" PVC Sewer Main (SDR 35)	60	LF		
404	18" PVC Sewer Main (SDR 35)	1,160	LF		
405	24" PVC Sewer Main (SDR 35)	990	LF		
406	27" PVC Sewer Main (SDR 35)	856	LF		
407	8" Cap	11	EA		
409	12" Cap	1	EA		
410	15" Cap	3	EA		
411	18" Cap	1	EA		
412	Bore and Jack 36" Steel Casing (0.531" Wall)	281	LF		
413	48" Manhole (0' - 8')	12	EA		
415	Extra Depth Manhole (48")	91	vft		
418	Connect to Existing	1	EA		
419	27" X 27" Tee	3	EA		
Water					
504	Bore and Jack 24" Steel Casing (0.375" Wall)	104	LF		
Surfacing					
700	Permanent Gravel Surfacing (6" Depth)	2,257	T		

EJCDC® C-410, Bid Form for Construction Contract.

Copyright© 2018 National Society of Professional Engineers, American Council of Engineering Companies,
and American Society of Civil Engineers. All rights reserved.

701	Geogrid Reinforcement	6,688	SY		
702	Seeding, Fertilizing, & Mulching	1.5	AC		
Erosion Control					
800	Silt Fence	1,481	LF		
803	Concrete Washout Area	1	EA		
Miscellaneous					
900	SDDOT Type 2 Fencing	3,316	LF		
901	Access Gates	5	EA		

Total Bid

_____ words

_____ figures

BID SCHEDULE 2

Line Item	Description of Item	Quantity	Unit	Unit Cost	Total Cost
General					
100	Mobilization	1	LS		
101	Incidental Work	1	LS		
102	Material Testing	1	LS		
103	Construction Staking	1	LS	0	0
104	Erosion Control	1	LS		
105	Dewatering	1	LS		
Removals					
201	Remove Cap	1	EA		
205	Remove Fence	85	LF		
Excavation					
300	Topsoil, Remove and Replace	8,057	CY		
302	Unclassified Excavation Borrow	20,467	CY		
304	Type III Foundation Material	100	T		
305	Type IV Foundation Material	100	T		
Sanitary Sewer					
400	8" PVC Sewer Main (SDR 35)	280	LF		
401	10" PVC Sewer Main (SDR 35)	40	LF		
402	12" PVC Sewer Main (SDR 35)	1,675	LF		
403	15" PVC Sewer Main (SDR 35)	1,094	LF		

404	18" PVC Sewer Main (SDR 35)	969	LF		
407	8" Cap	15	EA		
408	10" Cap	2	EA		
413	48" Manhole (0' - 8')	11	EA		
415	Extra Depth Manhole (48")	48.7	vft		
418	Connect to Existing	1	EA		
Drainage					
602	36" Storm Pipe	280	LF		
609	36" Flared End Section	4	EA		
Surfacing					
700	Permanent Gravel Surfacing (6" Depth)	1,741	T		
701	Geogrid Reinforcement	5,157	SY		
702	Seeding, Fertilizing, & Mulching	4	AC		
Erosion Control					
800	Silt Fence	1,155	LF		
801	Straw or compost wattles	921	LF		
802	Class III RipRap	39	T		
804	Inlet/ Outlet Protection	4	EA		
Miscellaneous					
900	SDDOT Type 2 Fencing	7,250	LF		
901	Access Gates	2	EA		

Total Bid

— — — —
words

— — — —
figures

Bid Schedule 3

Line Item	Description of Item	Quantity	Unit	Unit Cost	Total Cost
General					
100	Mobilization	1	LS		
101	Incidental Work	1	LS		
102	Material Testing	1	LS		
103	Construction Staking	1	LS	0	0
104	Erosion Control	1	LS		
105	Dewatering	1	LS		
Removals					
201	Remove Cap	1	EA		
202	Remove Water Main	10	LF		
203	Abandon Water Main (in place)	2	EA		
205	Remove Fence	1,636	LF		
Excavation					

EJCDC® C-410, Bid Form for Construction Contract.

Copyright© 2018 National Society of Professional Engineers, American Council of Engineering Companies, and American Society of Civil Engineers. All rights reserved.

300	Topsoil, Remove and Replace	2,813	CY		
302	Unclassified Excavation Borrow	24,805	CY		
303	Type III Foundation Material	50	T		
304	Type IV Foundation Material	50	T		
Sanitary Sewer					
400	8" PVC Sewer Main (SDR 35)	1,032	LF		
401	10" PVC Sewer Main (SDR 35)	689	LF		
407	8" Cap	6	EA		
413	48" Manhole (0' - 8')	5	EA		
415	Extra Depth Manhole (48")	24	vft		
416	Connect to Existing	1	EA		
Water					
500	16" PVC Water Main C900 DR-18	163	LF		
501	16" 11.25 Bends	4	EA		
502	Insulation Material	78	SF		
503	Connect to Existing Water Main	2	EA		
Drainage					
602	36" Storm Pipe	157	LF		
603	42" Storm Pipe	310	LF		
606	Remove and Reset 36" Flared End Section	2	EA		
609	42" Flared End Section	4	EA		
611	Connect to Existing Storm Sewer	2	EA		
Surfacing					
700	Permanent Gravel Surfacing (6" Depth)	737	T		
701	Geogrid Reinforcement	2,185	SY		
702	Seeding, Fertizing, & Mulching	1.3	AC		
Erosion Control					
801	Straw or compost wattles	2,228	LF		
802	Class III RipRap	266	T		
803	Concrete Washout Area	1	EA		
804	Inlet/ Outlet Protection	8	EA		
Miscellaneous					
900	SDDOT Type 2 Fencing	3,292	LF		
901	Access Gates	3	EA		

Total Bid

_____ words

_____ figures

Bid Schedule 4

Line Item	Description of Item	Quantity	Unit	Unit Cost	Total Cost
General					
100	Mobilization	1	LS		
101	Incidental Work	1	LS		
102	Material Testing	1	LS		
103	Construction Staking	1	LS	0	0
104	Erosion Control	1	LS		
105	Dewatering	1	LS		
Removals					
201	Remove Cap	1	EA		
204	Remove Storm Pipe	38	LF		
Excavation					
300	Topsoil, Remove and Replace	1,911	CY		
302	Unclassified Excavation Borrow	10,379	CY		
303	Type III Foundation Material	50	T		
304	Type IV Foundation Material	50	T		
Sanitary Sewer					
400	8" PVC Sewer Main (SDR 35)	625	LF		
401	10" PVC Sewer Main (SDR 35)	577	LF		
407	8" Cap	5	EA		
413	48" Manhole (0' - 8')	4	EA		
415	Extra Depth Manhole (48")	16	vft		
Drainage					
603	42" Storm Pipe	240	LF		
609	42" Flared End Section	4	EA		
Surfacing					
700	Permanent Gravel Surfacing (6" Depth)	538	T		
701	Geogrid Reinforcement	1,593	SY		
702	Seeding, Fertilizing, & Mulching	0.9	AC		
Erosion Control					
801	Straw or compost wattles	1,256	LF		
802	Class III RipRap	83	T		
804	Inlet/ Outlet Protection	4	EA		
Miscellaneous					
900	SDDOT Type 2 Fencing	2,545	LF		
901	Access Gates	3	EA		

Total Bid

words

figures

This page is left intentionally blank

Groundwater or in place soils above optimum moisture may be encountered along portions of the project. These conditions do not deem the excavated material unsuitable and is not justification for the use of imported material.

Quantities of Type 3 and Type 4 foundation materials have been included in the estimate of quantities for use where unstable trench bottom is encountered. The use of Type 3 and Type 4 foundation materials and imported backfill shall be authorized by the Engineer prior to placement. Measurement and payment will be made in accordance with the standard specifications and shall include removal and disposal of any trench material the foundation material displaces.

Unclassified excavation, ditches consists of the removal and disposal of unstable material below an existing or previously proof rolled and prepared subgrade surface on which surfacing material is to be placed. If soft spots in the subgrade are encountered, they shall be brought to the attention of the Engineer and the limits of ditches shall be determined prior to beginning the ditch. The quantities bid for ditches have been assumed. The ditches shall be backfilled and compacted as per Section 12 of the Standard Specifications. This work requires pre-authorization by the Engineer to be eligible for payment.

REMOVAL QUANTITIES

Removal of driveway and/or alley gravel surfacing shall be considered incidental to the contract bid price for "Unclassified Excavation" and no separate payment will be made for removal of gravel surfacing.

RIGHT-OF-WAY REMOVALS

REMOVE FENCE

INSTALL NEW FENCE

TRENCH CHECK DAM

STEEL PIPE CASING AND BORE

SANITARY SEWER MANHOLES

All labor and materials necessary to install and attach frame anchor bolts is considered incidental and shall be included in the bid item "standard manhole (appropriate size)" and paid for at the contract unit price per each.

Installation of the sanitary sewer main shall be in accordance with the Standard Specifications. Payment shall be made at the contract unit bid price for the size and depth of sanitary sewer main provided in these drawings and in accordance with the Standard Specifications.

TESTING OF SANITARY SEWER MAIN

CONNECT TO EXISTING SANITARY SEWER

All labor and materials necessary for connecting to existing sanitary sewer shall be included in the bid item "Connect to Existing sewer main" and paid for at the contract unit price per each (EA).

LOGO

FOR BIDDING
ONLY

**SANITARY SEWER MAIN
FROM CHEYENNE BLVD. TO WEST GATE RD
BOX ELDER
SOUTH DAKOTA**

REVISIONS:
2025.01.06 - 95% DESIGN
2025.02.13 - 100% DESIGN
2025.03.12 - 100% DESIGN
2025.04.24 - ADDENDUM 3

JOB NUMBER: 24-006
DESIGNED BY: MT/BK
DRAWN BY: PM
SURVEYED BY: TDG
SURVEY DATE: 3-2024

SHEET NAME: **GENERAL NOTES**

SHEET NO: **004B**

P:\11-2024 - Cheyenne - Box Elder - Sanitary Sewer Main\Drawings\Sheet\Sanitary Sewer Main\SD 006R.dwg 4/29/2025 4:44pm

Segment 1			
Line Item	Description of Item	Quantity	Unit
General			
100	Mobilization	1.0	LS
101	Incidental Work	1.0	LS
102	Material Testing	1.0	LS
104	Erosion Control	1.0	LS
105	Dewatering	1.0	LS
106	Traffic Control	1.0	LS
107	Railroad Insurance	1.0	LS
Removals			
201	Remove Cap	1.0	EA
Excavation			
300	Topsoil, Remove and Replace	4,607.0	CY
301	Unclassified Excavation	28,961.0	CY
303	Type III Foundation Material	100.0	T
304	Type IV Foundation Material	100.0	T
305	Bore Pt Excavation/ Replace	2,464.0	CY
Sanitary Sewer			
400	8" PVC Sewer Main (SDR 35)	220.0	LF
402	12" PVC Sewer Main (SDR 35)	20.0	LF
403	15" PVC Sewer Main (SDR 35)	60.0	LF
404	18" PVC Sewer Main (SDR 35)	1,160.0	LF
405	24" PVC Sewer Main (SDR 35)	990.0	LF
406	27" PVC Sewer Main (SDR 35)	856.0	LF
407	8" Cap	11.0	EA
409	12" Cap	1.0	EA
410	15" Cap	3.0	EA
411	18" Cap	1.0	EA
412	Bore and Jack 36" Steel Casing (0.531" Wall)	281.0	LF
413	48" Manhole (0' - 8')	12.0	EA
415	Extra Depth Manhole (48")	90.2	vft
416	Connect to Existing	1.0	EA
417	27" X 27" Tee	3.0	EA
Water			
504	Bore and Jack 24" Steel Casing (0.375" Wall)	104.0	LF
Surfacing			
700	Permanent Gravel Surfacing (6" Depth)	2,257.0	T
701	Geogrid Reinforcement	6,687.3	SY
702	Seeding, Fertilizing, & Mulching	1,503	AC
Erosion Control			
800	Silt Fence	1,481.0	LF
803	Concrete Washout Area	1.0	EA
Miscellaneous			
900	SDDOT Type 2 Fencing	3,316.0	LF
901	Access Gates	5.0	EA

Segment 2			
Line Item	Description of Item	Quantity	Unit
General			
100	Mobilization	1.0	LS
101	Incidental Work	1.0	LS
102	Material Testing	1.0	LS
104	Erosion Control	1.0	LS
105	Dewatering	1.0	LS
Removals			
201	Remove Cap	1.0	EA
205	Remove Fence	85.0	LF
Excavation			
300	Topsoil, Remove and Replace	8,057.0	CY
302	Unclassified Excavation Borrow	20,467.0	CY
303	Type III Foundation Material	100.0	T
304	Type IV Foundation Material	100.0	T
Sanitary Sewer			
400	8" PVC Sewer Main (SDR 35)	280.0	LF
401	10" PVC Sewer Main (SDR 35)	40.0	LF
402	12" PVC Sewer Main (SDR 35)	1,675.0	LF
403	15" PVC Sewer Main (SDR 35)	1,094.0	LF
404	18" PVC Sewer Main (SDR 35)	969.0	LF
407	8" Cap	15.0	EA
408	10" Cap	2.0	EA
413	48" Manhole (0' - 8')	11.0	EA
415	Extra Depth Manhole (48")	48.7	vft
416	Connect to Existing	1.0	EA
Drainage			
602	36" Storm Pipe	280.0	LF
608	36" Flared End Section	4.0	EA
Surfacing			
700	Permanent Gravel Surfacing (6" Depth)	1,740.6	T
701	Geogrid Reinforcement	5,157.4	SY
702	Seeding, Fertilizing, & Mulching	4.0	AC
Erosion Control			
800	Silt Fence	1,155.0	LF
801	Straw or compost wattes	921.0	LF
802	Class III RipRap	38.6	T
804	Inlet/ Outlet Protection	4.0	EA
Miscellaneous			
900	SDDOT Type 2 Fencing	7,250.0	LF
901	Access Gates	2.0	EA

TDG

Towey Design Group, Inc.
475 Villa Drive, Suite #3
Box Elder, SD 57719
605.600.3758

Logo

FOR BIDDING
ONLY

SANITARY SEWER MAIN
FROM CHEYENNE BLVD. TO WEST GATE RD
BOX ELDER
SOUTH DAKOTA

REVISIONS:

2025.01.06 - 95% DESIGN
2025.02.13 - 100% DESIGN
2025.03.12 - 100% DESIGN
2025.04.24 - ADDENDUM 3

JOB NUMBER: 24-006

DESIGNED BY: MT/BK
DRAWN BY: PM
SURVEYED BY: TDG
SURVEY DATE: 3-2024

SHEET NAME:

**ESTIMATE OF
QUANTITIES**

SHEET NO:

006R

11/15/2024 10:48:40 AM - C:\Users\Towey Design Group\Documents\Sanitary Sewer Main\Sanitary Sewer Main.dwg - 4/24/2025 - 344mm

Segment 3			
Line Item	Description of Item	Quantity	Unit
General			
100	Mobilization	1.0	LS
101	Incidental Work	1.0	LS
102	Material Testing	1.0	LS
104	Erosion Control	1.0	LS
105	Dewatering	1.0	LS
Removals			
201	Remove Cap	1.0	EA
202	Remove Water Main	10.0	LF
203	Abandon Water Main (in place)	2.0	EA
205	Remove Fence	1,636.0	LF
Excavation			
300	Topsoil, Remove and Replace	2,813.0	CY
302	Unclassified Excavation Borrow	24,805.0	CY
303	Type III Foundation Material	50.0	T
304	Type IV Foundation Material	50.0	T
Sanitary Sewer			
400	8" PVC Sewer Main (SDR 35)	1,032.0	LF
401	10" PVC Sewer Main (SDR 35)	689.0	LF
407	8" Cap	6.0	EA
413	48" Manhole (0' - 8')	5.0	EA
415	Extra Depth Manhole (48")	23.5	yft
416	Connect to Existing	1.0	EA
Water			
500	16" PVC Water Main C900 DR-18	163.0	LF
501	16" 11.25 Bends	4.0	EA
502	Insulation Material	78.0	SF
503	Connect to Existing Water Main	2.0	EA
Drainage			
602	36" Storm Pipe	157.0	LF
603	42" Storm Pipe	310.0	LF
606	Remove and Reset 36" Flared Enc Section	2.0	EA
609	42" Flared End Section	4.0	EA
611	Connect to Existing Storm Sewer	2.0	EA
Surfacing			
700	Permanent Gravel Surfacing (6" Depth)	737.3	T
701	Geogrid Reinforcement	2,184.6	SY
702	Seeding, Fertilizing, & Mulching	1.3	AC
Erosion Control			
801	Straw or compost wattles	2,228.0	LF
802	Class III RipRap	266.9	T
803	Concrete Washout Area	1.0	EA
804	Inlet/ Outlet Protection	8.0	EA
Miscellaneous			
900	SDDOT Type 2 Fencing	3,292.0	LF
901	Access Gates	3.0	EA

Segment 4		
Line Item	Description of Item	Quantity
General		
100	Mobilization	1.0
101	Incidental Work	1.0
102	Material Testing	1.0
104	Erosion Control	1.0
105	Dewatering	1.0
Removals		
201	Remove Cap	1.0
204	Remove Storm Pipe	38.0
Excavation		
300	Topsoil, Remove and Replace	1,911.0
302	Unclassified Excavation Borrow	10,379.0
303	Type III Foundation Material	50.0
304	Type IV Foundation Material	50.0
Sanitary Sewer		
400	8" PVC Sewer Main (SDR 35)	625.0
401	10" PVC Sewer Main (SDR 35)	577.0
407	8" Cap	5.0
413	48" Manhole (0' - 8')	4.0
415	Extra Depth Manhole (48")	16.2
Drainage		
603	42" Storm Pipe	240.0
609	42" Flared End Section	4.0
Surfacing		
700	Permanent Gravel Surfacing (6" Depth)	537.7
701	Geogrid Reinforcement	1,593.2
702	Seeding, Fertilizing, & Mulching	0.9
Erosion Control		
801	Straw or compost wattles	1,256.0
802	Class III RipRap	83.0
804	Inlet/ Outlet Protection	4.0
Miscellaneous		
900	SDDOT Type 2 Fencing	2,545.0
901	Access Gates	3.0

TDG

Towey Design Group, Inc.
475 Villa Drive, Suite #3
Box Elder, SD 57719
605.600.3758

Logo

FOR BIDDING
ONLY

SANITARY SEWER MAIN
FROM CHEYENNE BLVD. TO WEST GATE RD
BOX ELDER
SOUTH DAKOTA

REVISIONS:
2025.01.06 - 95% DESIGN
2025.02.13 - 100% DESIGN
2025.03.12 - 100% DESIGN
2025.04.24 - ADDENDUM 3

JOB NUMBER: 24-006
DESIGNED BY: MT/BK
DRAWN BY: PM
SURVEYED BY: TDG
SURVEY DATE: 3-2024

SHEET NAME:
**ESTIMATE OF
QUANTITIES (2)**
SHEET NO:
007R