

Planning & Engineering Office of Project Development

700 E Broadway Avenue Pierre, South Dakota 57501-2586 O: 605.773.3275 | F: 605.773.2614 dot.sd.gov

March 10, 2025

ADDENDUM NO. 5

RE: Item #2, March 12, 2025 Letting - P 6353(00), PCN 08CU, Minnehaha County - Urban Grading, PCC Surfacing, Curb & Gutter, Storm Sewer, Shared Use Path, Sidewalk, Lighting

TO WHOM IT MAY CONCERN:

The following addenda to the plans shall be inserted and made a part of your proposal for the referenced project.

SPECIAL PROVISIONS: NO CHANGE

SDEBS BID PROPOSAL: The electronic bid proposal for this contract has been revised to include the changes associated

with this addendum. Bidders must log in to the SDEBS to retrieve and incorporate these changes

into their bid.

Quantities for Bid Items were changed:

Bid Item 120E0010 "Unclassified Excavation" changed from 3,943 to 12,225 CuYd

PLANS: Please destroy sheets A1, B2, & B11 and replace with the enclosed sheets, dated 3/10/25.

Sheets A1 & B2: Quantities for Bid Item 120E0010 "Unclassified Excavation" changed

from 3,943 to 12,225 CuYd.

Sheet B11: TABLE OF UNCLASSIFIED EXCAVATION was revised.

Sincerely,

Sam Weisgram Engineering Supervisor

SW/cj

CC: Travis Dressen, Mitchell Region Engineer

Harry Johnston, Sioux Falls Area Engineer

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

Section B - Grading

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
110E0300	Remove Concrete Curb and/or Gutter	456	Ft
110E0400	Remove Drop Inlet	2	Each
110E0460	Remove Manhole	3	Each
110E0500	Remove Pipe Culvert	1,118	Ft
110E0520	Remove Sewer Pipe	404	Ft
110E1100	Remove Concrete Pavement	225.0	SqYd
110E1130	Remove Concrete Driveway Pavement	170.5	SqYd
110E1140	Remove Concrete Sidewalk	28.2	SqYd
110E1600	Remove Riprap	80.0	SqYd
110E1640	Remove Granular Material	276.0	CuYd
110E1690	Remove Sediment	20.3	CuYd
110E1910	Remove Fire Hydrant	2	Each
110E1960	Remove Valve Box	7	Each
110E1965	Remove Gate Valve	1	Each
110E1970	Remove Water Main	177	Ft
120E0010	Unclassified Excavation	12,225	CuYd
120E0900	Contaminated Material Excavation	100	CuYd
120E1000	Muck Excavation	1,576	CuYd
210E3020	Ordinary Roadway Shaping	13,559.0	SqYd
250E0020	Incidental Work, Grading	Lump Sum	LS
260E1010	Base Course	9,869.0	Ton
270E0020	Salvage and Stockpile Asphalt Mix Material	3,221.0	Ton
332E0010	Cold Milling Asphalt Concrete	10,413	SqYd
380E3020	6" PCC Driveway Pavement	488.0	SqYd
380E4050	8" PCC Fillet Section	566	SqYd
450E0114	15" RCP Class 4, Furnish	376	Ft
450E0120	15" RCP, Install	376	Ft
450E0123	18" RCP Class 3, Furnish	432	Ft
450E0120	18" RCP, Install	432	Ft
450E0143	24" RCP Class 3, Furnish	120	Ft
450E0143	24" RCP, Install	120	Ft
450E0130 450E0183	36" RCP Class 3, Furnish	1108	Ft
450E0190	36" RCP, Install	1108	Ft
450E0190	42" RCP Class 3, Furnish	622	Ft
450E0193 450E0200	42" RCP, Install	622	Ft
450E0200 450E2004	15" RCP Flared End, Furnish	3	Each
450E2004 450E2005	15" RCP Flared End, Furnish	3	Each
	,	2	Each
450E2008	18" RCP Flared End, Furnish		Each
450E2009	18" RCP Flared End, Install	2 8	
450E2028	36" RCP Flared End, Furnish		Each
450E2029	36" RCP Flared End, Install	8	Each
450E3053	48" RCP Arch Class 3, Furnish	344	Ft E+
450E3060	48" RCP Arch, Install	344	Ft
450E4520	48" RCP Arch Flared End, Furnish	1	Each
450E4521	48" RCP Arch Flared End, Install	1 140	Each
451E0606	6" PVC Water Main	149	Ft Ft
451E0608	8" PVC Water Main	20	Ft
451E0612	12" PVC Water Main	289	- Ft
451E0808	2" Copper Pipe	358	Ft
451E1006	6" PVC Sewer Pipe	32	Ft
451E1008	8" PVC Sewer Pipe	354	Ft
451E1010	10" PVC Sewer Pipe	286	Ft
451E2021	10"x6" Pipe Wye	1	Each
451E2207	6"x6" Pipe Tee	1	Each

451E2231	12"x6" Pipe Tee	1	Each
451E2808	2" Corporation Stop with Tapping Saddle	3	Each
451E2908	2" Curb Stop with Box	3	Each
451E3008	8" Pipe Bend	4	Each
451E3012	12" Pipe Bend	8	Each
451E3106	6" Pipe Cap	1	Each
451E3110	10" Pipe Cap	1	Each
451E3112	12" Pipe Cap	1	Each
451E3208	8" Pipe Coupling	2	Each
451E3506	6" Retainer Gland	15	Each
451E3508	8" Retainer Gland	8	Each
451E3512	12" Retainer Gland	19	Each
451E4206	6" Gate Valve with Box	3	Each
451E4212	12" Gate Valve with Box	1	Each
451E4350	Valve Box	7	Each
451E4548	48" Fire Hydrant Extension	1	Each
451E4580	Standard Fire Hydrant	2	Each
451E4926	Water Main Bedding Material	458	Ft
451E4945	8" Sewer Pipe Bedding Material	354	Ft
451E4946	10" Sewer Pipe Bedding Material	286	Ft
451E5015	Utility Trench Compaction Testing	Lump Sum	LS
451E6080	Adjust Water Valve Box	9	Each
451E6106	Cut and Tie to Existing Water Main	6	Each
451E7016	Connect to Existing Sewer Main	4	Each
451E8000	PVC Pipe Deflection Test	610.0	Ft
451E8010	Pipe Exfiltration Test	318.0	Ft
462E0100	Class M6 Concrete	104.8	CuYd
480E0100	Reinforcing Steel	16,603	Lb
650E1080	Type F68 Concrete Curb and Gutter	3700	Ft
650E4680	Type P8 Concrete Gutter	178	Ft
651E0040	4" Concrete Sidewalk	20,428	SqFt
651E0060	6" Concrete Sidewalk	3,583	SqFt
651E7000	Type 1 Detectable Warnings	268	SqFt
670E5200	Special Frame and Grate Assembly	41	Each
670E5202	Special Frame and Grate	2	Each
670E6000	Adjust Drop Inlet	21	Each
671E0100		16	Each
671E0100	Adjust Junction Box	10	
	78" Manhole	1	Each
671E1133	48" Manhole 10' to 12' Deep	-	Each
671E1134	48" Manhole 12' to 14' Deep	1	Each
671E1135	48" Manhole 14' to 16' Deep	1	Each
671E1136	48" Manhole 16' to 18' Deep	1	Each
671E6000	Temporary Manhole Cover	21	Each
671E6007	Type A7 Manhole Frame and Lid	3	Each
671E6035	Special Manhole Frame and Lid	21	Each
671E7010	Adjust Manhole	5	Each
671E7020	Connect Into Existing Manhole	3	Each
671E8000	Reconstruct Manhole	4	Each
671E9000	Manhole Exfiltration/Vacuum Test	4	Each
680E0090	Underdrain Service Cleanout	12	Each
680E0260	6" Corrugated Polyethylene Drainage Tubing	3,295	Ft
700E0310	Class C Riprap	994.9	Ton
831E0110	Type B Drainage Fabric	702	SqYd
900E0010	Refurbish Single Mailbox	2	Each

Section C - Traffic Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
004E0020	Construction and Maintenance of Detour(s)	Lump Sum	LS
634E0110	Traffic Control Signs	127.0	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0275	Type 3 Barricade	14	Each
634E0420	Type C Advance Warning Arrow Board	1	Each
634E1002	Detour and Restriction Signing	196.0	SqFt

Section D - Erosion and Sediment Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1693	Remove Erosion Control Wattle	4,167	Ft
110E1700	Remove Silt Fence	3,359	Ft
120E6300	Water for Vegetation	605.0	MGal
230E0100	Remove and Replace Topsoil	Lump Sum	LS
730E0206	Type D Permanent Seed Mixture	707	Lb
731E0100	Fertilizing	232	Lb
734E0103	Type 3 Erosion Control Blanket	10,192	SqYd
734E0150	6" Diameter Erosion Control Wattle	3,378	Ft
734E0154	12" Diameter Erosion Control Wattle	789	Ft
734E0602	Low Flow Silt Fence	3,289	Ft
734E0604	High Flow Silt Fence	70	Ft
734E0610	Mucking Silt Fence	233	CuYd
734E0620	Repair Silt Fence	840	Ft
734E0845	Sediment Control at Inlet with Frame and Grate	45	Each
734E0847	Sediment Control at Type S Reinforced Concrete Drop Inlet	24	Ft
734E5010	Sweeping	10	Hour
900E1320	Construction Entrance	10	Each

INDEX OF SHEETS

Estimate of Quantities for Sections B, C, D, F, L,

M, and S A3 to A4

Environmental Commitments

OOUTU	PROJECT	SHEET	TOTAL SHEETS
SOUTH DAKOTA	P 6353(00)	B2	B60

SECTION B ESTIMATE OF QUANTITIES

SBI NBR	SBI DESC	ITEM QTY	UNITS
009E0010	Mobilization	Lump Sum	LS
110E0300	Remove Concrete Curb and/or Gutter	456	Ft
110E0400	Remove Drop Inlet	2	Each
110E0460	Remove Manhole	3	Each
110E0500	Remove Pipe Culvert	1,118	Ft
110E0520	Remove Sewer Pipe	404	Ft
110E1100	Remove Concrete Pavement	225.0	SqYd
110E1130	Remove Concrete Driveway Pavement	170.5	SqYd
110E1140	Remove Concrete Sidewalk	28.2	SqYd
110E1600	Remove Riprap	80.0	SqYd
110E1640	Remove Granular Material	276.0	CuYd
110E1690	Remove Sediment	20.3	CuYd
110E1910	Remove Fire Hydrant	2	Each
110E1960	Remove Valve Box	7	Each
110E1965	Remove Gate Valve	1	Each
110E1970	Remove Water Main	177	Ft
120E0010	Unclassified Excavation	12,225	CuYd
120E0900	Contaminated Material Excavation	100	CuYd
120E0900	Muck Excavation		CuYd
		1,576	
210E3020	Ordinary Roadway Shaping	13,559.0	SqYd
250E0020	Incidental Work, Grading	Lump Sum	LS
260E1010	Base Course	9,869.0	Ton
270E0020	Salvage and Stockpile Asphalt Mix Material	3,221.0	Ton
332E0010	Cold Milling Asphalt Concrete	10,413	SqYd
380E3020	6" PCC Driveway Pavement	488.0	SqYd
380E4050	8" PCC Fillet Section	566	SqYd
450E0114	15" RCP Class 4, Furnish	376	Ft
450E0120	15" RCP, Install	376	Ft
450E0123	18" RCP Class 3, Furnish	432	Ft
450E0130	18" RCP, Install	432	Ft
450E0143	24" RCP Class 3, Furnish	120	Ft
450E0150	24" RCP, Install	120	Ft
450E0183	36" RCP Class 3, Furnish	1108	Ft
450E0190	36" RCP, Install	1108	Ft
450E0193	42" RCP Class 3, Furnish	622	Ft
450E0200	42" RCP, Install	622	Ft
450E2004	15" RCP Flared End, Furnish	3	Each
450E2005	15" RCP Flared End, Install	3	Each
450E2008	18" RCP Flared End, Furnish	2	Each
450E2009	18" RCP Flared End, Install	2	Each
450E2028	36" RCP Flared End, Furnish	8	Each
450E2029	36" RCP Flared End, Install	8	Each
450E3053	48" RCP Arch Class 3, Furnish	344	Ft
450E3060	48" RCP Arch, Install	344	Ft
450E4520	48" RCP Arch Flared End, Furnish	1	Each
450E4521	48" RCP Arch Flared End, Install	1	Each
451E0606	6" PVC Water Main	149	Ft
451E0608	8" PVC Water Main	20	Ft
451E0612	12" PVC Water Main	289	Ft
451E0808	2" Copper Pipe	358	Ft
451E1006	6" PVC Sewer Pipe	32	Ft
451E1008	8" PVC Sewer Pipe	354	Ft
451E1010	10" PVC Sewer Pipe	286	Ft
	·		
451E2021	10"x6" Pipe Wye	1	Each
451E2207	6"x6" Pipe Tee	1	Each
451E2231	12"x6" Pipe Tee	1	Each
451E2808	2" Corporation Stop with Tapping Saddle	3	Each
451E2908	2" Curb Stop with Box	3	Each
451E3008	8" Pipe Bend	4	Each

451E3012	12" Pipe Bend	8	Each
451E3106	6" Pipe Cap	1	Each
451E3110	10" Pipe Cap	1	Each
451E3112	12" Pipe Cap	1	Each
451E3208	8" Pipe Coupling	2	Each
451E3506	6" Retainer Gland	15	Each
451E3508	8" Retainer Gland	8	Each
451E3512	12" Retainer Gland	19	Each
451E4206	6" Gate Valve with Box	3	Each
451E4212	12" Gate Valve with Box	1	Each
451E4350	Valve Box	7	Each
451E4548	48" Fire Hydrant Extension	1	Each
451E4580	Standard Fire Hydrant	2	Each
451E4926	Water Main Bedding Material	458	Ft
451E4945	8" Sewer Pipe Bedding Material	354	Ft
451E4946	10" Sewer Pipe Bedding Material	286	Ft
451E5015	Utility Trench Compaction Testing	Lump Sum	LS
451E6080	Adjust Water Valve Box	9	Each
451E6106	Cut and Tie to Existing Water Main	6	Each
451E7016	Connect to Existing Sewer Main	4	Each
451E8000	PVC Pipe Deflection Test	610.0	Ft
451E8010	Pipe Exfiltration Test	318.0	Ft
462E0100	Class M6 Concrete	104.8	CuYd
480E0100	Reinforcing Steel	16,603	Lb
650E1080	Type F68 Concrete Curb and Gutter	3700	Ft
650E4680	Type P8 Concrete Gutter	178	
651E0040	4" Concrete Sidewalk	20,428	SqFt
651E0060	6" Concrete Sidewalk	3,583	SqFt
651E7000	Type 1 Detectable Warnings	268	SqFt
670E5200	Special Frame and Grate Assembly	41	Each
670E5202	Special Frame and Grate	2	Each
670E6000	Adjust Drop Inlet	21	Each
671E0100	Adjust Junction Box	16	Each
671E1078	78" Manhole	1	Each
671E1133	48" Manhole 10' to 12' Deep	1	Each
671E1134	48" Manhole 12' to 14' Deep	1	Each
671E1135	48" Manhole 14' to 16' Deep	1	Each
671E1136	48" Manhole 16' to 18' Deep	1	Each
671E6000	Temporary Manhole Cover	21	Each
671E6007	Type A7 Manhole Frame and Lid	3	Each
671E6035	Special Manhole Frame and Lid	21	Each
671E7010	Adjust Manhole	5	Each
671E7020	Connect Into Existing Manhole	3	Each
671E8000	Reconstruct Manhole	4	Each
671E9000	Manhole Exfiltration/Vacuum Test	4	Each
680E0090	Underdrain Service Cleanout	12	Each
680E0260	6" Corrugated Polyethylene Drainage Tubing	3,295	Ft
700E0310	Class C Riprap	994.9	Ton
831E0110	Type B Drainage Fabric	702	SqYd
900E0010	Refurbish Single Mailbox	2	Each

GRADING OPERATIONS

Water for Embankment is estimated at the rate of 10 gallons of water per cubic yard of Embankment minus Waste. No separate payment will be made for the Water for Embankment and all costs associated will be incidental to the contract unit price per cubic yard of "Unclassified Excavation".

The estimated cubic yards of excavation and/or embankment required to construct outlet ditches, ditch blocks, and approaches are included in the earthwork balance notes on the profile sheets.

Special ditch grades and other sections of the roadway different than the? typical sections will be constructed to the limits shown on the cross sections: If significant changes to the cross sections are necessary during construction, the Engineer will contact the Designer for the proposed change Generally, all shallow inlet and outlet ditches as noted on the plan sheets William 10, 2025, be cut with a 10-foot wide bottom with 5:1 backslopes. However, the Engineer may direct the Contractor to adjust the ditch width for proper alignment with the drainage structure.

Temporary fence and/or permanent fence will be placed ahead of the grading operation unless otherwise directed by the Engineer.

ORDINARY ROADWAY SHAPING

The Contractor will remove existing granular material and scarify and recompact the upper 8" of subgrade in accordance with the Geotechnical Exploration report. Once the subgrade has been sufficiently compacted, a proof roll will be conducted and observed by the Engineer and Contractor. Once observed and approved by the Engineer, aggregate base course may be installed over the compacted subgrade. Costs to proof roll subgrade will be considered incidental to the bid item.

UTILITIES

The Contractor will be aware that the existing utilities shown in the plans were surveyed prior to the design of this project and might have been relocated or replaced by a new utility facility prior to construction of this project, might be relocated or replaced by a new utility facility during the construction of this project, or might not require adjustment and may remain in its current location. The Contractor will contact each utility owner and confirm the status of all existing and new utility facilities. The utility contact information is provided elsewhere in the plans or bidding documents.

INSLOPE TRANSITIONS

Inslope transitions will be required at various drainage structures and pipe locations. Refer to Standard Plate 120.05 for details. Inslope transitions shall be constructed at all Flared end sections outlined in the plans. Item is considered incidental to related grading and flared end contract items.

PROCEDURES FOR DETERMINING UNCLASSIFIED EXCAVATION QUANTITY

When plan quantities are used for payment, the Unclassified Excavation quantity will be used for final payment and the plans quantity of Topsoil and salvaged surfacing items listed in the Table of Unclassified Excavation will not be adjusted according to field measurements.

Salvaged Asphalt Mix will be paid for at the contract unit price per ton. As shown in the Table of Unclassified Excavation, the estimated quantity of 1,453 cubic yards of Salvaged Asphalt Mix has been included. When finaling a project, the quantities of Salvaged Asphalt Mix and will not be adjusted according to field measurements. The quantity of Salvaged Asphalt Mix Material from cut sections will not be added to the Excavation quantity as it is already in the cuts on the final cross sections.

The Excavation quantities from individual balances and the table have been reduced by the volume of in place concrete pavement and asphalt pavement that will be removed.

TABLE OF EARTHWORK

STATE OF SOUTH DAKOTA WESTERN AVE. RECONST. B11 B60

Plotting Date: 3/10/2



TABLE OF UNCLASSIFIED EXCAVATION

CuYd

Net Excavation10772Salvaged Asphalt Mix Material1453

tal 12225

Excavation: Volume of cut necessary to construct roadway to finished grades. Quantity has been adjusted to reflect volumes due to pavement items.

An assumed 1.3 fill factor has been included in the calculations.