DEPARTMENT OF TRANSPORTATION

Planning & Engineering
Office of Project Development
700 E Broadway Avenue
Pierre, South Dakota 57501-2586
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dot.sd.gov

March 3, 2025

ADDENDUM NO. 4

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.*

Bid Items were added:
Bid Item 380E4050 "8" PCC Fillet Section"
Bid Item 650E1080 "Type F68 Concrete Curb and Gutter"
Bid Item 650E4680 "Type P8 Concrete Gutter"

Quantities for Bid Items were changed:
Bid Item 380E0050 "8" Nonreinforced PCC Pavement" changed from 12,499.0 to 10,784.0 SqYd

PLANS: Please destroy sheets A1, A2, B2, B10, B33-B36, B48, and F2, and replace with the enclosed sheets, dated 3/3/25. Sheets B61 and B62 were added.

Sheet A1 & B2: Bid Item 380E4050 "8" PCC Fillet Section", Bid Item 650E1080 "Type F68 Concrete Curb and Gutter", and Bid Item 650E4680 "Type P8 Concrete Gutter" were added.

Sheet A2 & F2: Quantities for Bid Item 380E0050 "8" Nonreinforced PCC Pavement" changed from 12,499.0 to 10,784.0 SqYd.

Sheet B10: PAVEMENT, CURB AND GUTTER, AND SIDEWALK QUANTITIES table was revised.

Sheets B33-B35: CURB AND GUTTER LAYOUT and CURB AND GUTTER LAYOUT notes were revised.

Sheet B36: CURB AND GUTTER LAYOUT notes were revised.

Sheet B48: Standard Plate 650.01 was removed, and Standard Plate 650.20 was added.

Sheets B61 & B62: Standard Plate 380.31 and Standard Plate 650.30 were added.

Sheets F6-F11: PEN AND INK strike out "CURB AND GUTTER SHALL BE POURED MONOLITHICALLY WITH THE PAVEMENT SLAB. NO CURB JOINTS SHALL BE PERMITTED EXCEPT FOR THOSE REQUIRED FOR STRUCTURE BOXOUTS AND ROADWAY WIDENINGS." from the CONTRACTOR'S NOTE.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Travis Dressen, Mitchell Region Engineer
Harry Johnston, Sioux Falls Area Engineer

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6353(00)	A1	A4

Plotting Date: 2/27/2025

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

REGISTERED PROFESSIONAL ENGINEER
REG. NO. 15778
JUSTIN DAVID HEIM
SOUTH DAKOTA
3/3/2025

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	3,943	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
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	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	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

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

Section F - Surfacing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
260E3010	Gravel Surfacing	100.0	Ton
320E5020	Saw Joint in Asphalt Concrete	273.3	Ft
320E6000	Temporary Asphalt	488.0	Ton
380E0050	8" Nonreinforced PCC Pavement	10,784	SqYd
380E6000	Dowel Bar	6,012	Each
380E6110	Insert Steel Bar in PCC Pavement	78	Each
380E6450	Saw Joint in PCC Pavement	102.1	Ft
380E9010	Temporary Gravel Crossing	10	Each
831E0210	Non-woven Separator Fabric	13,559	SqYd

Section L - Signal and Lighting

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E0100	Remove Concrete Footings	Lump Sum	LS
110E5110	Salvage Signal Equipment	Lump Sum	LS
110E7230	Remove Pedestrian Push Button for Reset	2	Each
635E5020	2' Diameter Footing	10.5	Ft
635E7513	Remove and Reset Pedestal Signal Pole	2	Each
635E7516	Reset Pedestrian Push Button	2	Each

Section M - Pavement Marking

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E3000	Durable Pavement Marking, 4" White	1318	Ft
633E3005	Durable Pavement Marking, 4" Yellow	4985	Ft
633E3008	Durable Pavement Marking, 6" White	1015	Ft
633E3025	Durable Pavement Marking, 12" Yellow	121	Ft
633E3030	Durable Pavement Marking, 24" White	138	Ft
633E3045	Durable Pavement Marking, Arrow	27	Each
633E3050	Durable Pavement Marking, Combination Arrow	7	Each
633E5100	Grooving for Durable Pavement Marking, 4"	6303	Ft
633E5102	Grooving for Durable Pavement Marking, 6"	1015	Ft
633E5110	Grooving for Durable Pavement Marking, 12"	121	Ft
633E5115	Grooving for Durable Pavement Marking, 24"	138	Ft
633E5125	Grooving for Durable Pavement Marking, Arrow	27	Each
633E5130	Grooving for Durable Pavement Marking, Combination Arrow	7	Each
634E0560	Remove Pavement Marking, 4" or Equivalent	208	Ft

Section S - Permanent Signing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E0130	Remove Traffic Sign	18	Each
110E7150	Remove Sign for Reset	3	Each
632E1320	2.0"x2.0" Perforated Tube Post	176.7	Ft
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	187.5	SqFt
632E3500	Reset Sign	3	Each

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications, and Special Provisions as included in the Proposal.

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	3,943	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
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	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	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 will 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.

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6353(00)	B10	B60

Plotting Date: 2/27/2025

REGISTERED PROFESSIONAL ENGINEER
REG. NO. 15778
JUSTIN DAVID HEIM
SOUTH DAKOTA
3/3/2025

PAVEMENT, CURB AND GUTTER, AND SIDEWALK QUANTITIES

	Concrete Curb and Gutter				Fillet Section			Driveway Pavement			Concrete Sidewalk		Detectable Warning			
	Type F		Type P		PCC			PCC			PCC		Type 1			
					8"				6"		4"	6"				
Station to Station	LF		LF		SY			SF	SY		SF	SF		SF		Comments
Project Start to Diamond Trail																
28+84 21' L to 29+15 23' L	31.1															
29+15 23' L to 29+62 121' L	72.1				64.5						534.2	172.2		20		SW Curb Ramp at Diamond and Western
28+84 21' R to 29+32 21' R	48															
29+32 21' R to 29+62 84' R	38.1				37.5						248.4	297.8		36		SE Curb Ramp at Diamond and Western
Diamond Trail to Opal Lane																
29+98 121' L to 30+40 33' L	45				68.9						423.9	135.6		14		NW Curb Ramp at Diamond and Western
30+40 33' L to 32+63 21' L	223.3										1252.1					
32+63 21' L to 32+87 21' L			24					503.9				120				Tammen Auto Driveway
32+87 21' L to 34+86 21' L	198.6										993					
34+86 21' L to 35+16 21' L			32.8					827.2				149.3				Ace Hardware Driveway
35+16 21' L to 37+79 21' L	263.4										1317					
37+79 21' L to 38+12 91' L	40				39.6						155.8	100		10		SW Curb Ramp at Opal and Western
29+98 84' R to 30+31 21' R	39.2				38.1						93.3	218.3		26		NE Curb Ramp at Diamond and Western
30+31 21' R to 30+92 21' R	460										4600.9					
34+92 21' R to 35+18 21' R			26.3					519.6				263.4				Dairy Queen Driveway
35+18 21' R to 37+81 30' R	264										2724.7					
37+81 30' R to 38+17 77' R	14.2				38.7							189.9		20		SE Curb Ramp at Opal and Western
Opal Lane to Mickelson Road																
38+48 90' L to 38+81 30' L	27.6				39.7							104.6		22		NW Curb Ramp at Opal and Western
38+81 30' L to 40+98 21' L	218.2										1226.2					
40+98 21' L to 41+33 21' L			35					506.5				175				Substation South Driveway
41+33 21' L to 41+91 21' L	57.8										289.4					
41+91 21' L to 42+26 21' L			35.1					507.1				175				Substation North Driveway
42+26 21' L to 43+08 21' L	82.7										413.6					
43+08 21' L to 43+46 238' L	182.6				50.8						37.4	244.4		20		SW Curb Ramp at Mickelson and Western
38+48 77' R to 38+82 21' R	30.2				38.9							389.4		30		NE Curb Ramp at Opal and Western
38+82 21' R to 43+08 33' R	428				47.2						4312.9					
43+08 33' R to 43+47 124' R	62.6										415.2	328.2		30		SE Curb Ramp at Mickelson and Western
Mickelson Road to Project End																
43+81 239' L to 44+20 21' L	182.7				50.6							139.9		20		NW Curb Ramp at Mickelson and Western
43+99 27' L to 47+44 11' L	324.3															
43+83 123' R to 44+20 21' R	67.2				51.4						259	130.2		20		NE Curb Ramp at Mickelson and Western
44+20 21' R to 46+45 19' R	225.6										1130.6					
46+45 19' R to 46+70 18' R			25					703.6				125				Saint George South Driveway
46+70 18' R to 47+43 13' R	73.8															
49+03 19' R to 49+39 19' R								828.1				125				Saint George North Driveway
Total:	3700		178		566			4396	488		20428	3583		268		

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6353(00)	B33	B60

Plotting Date: 3/3/2025

CURB AND GUTTER LAYOUT

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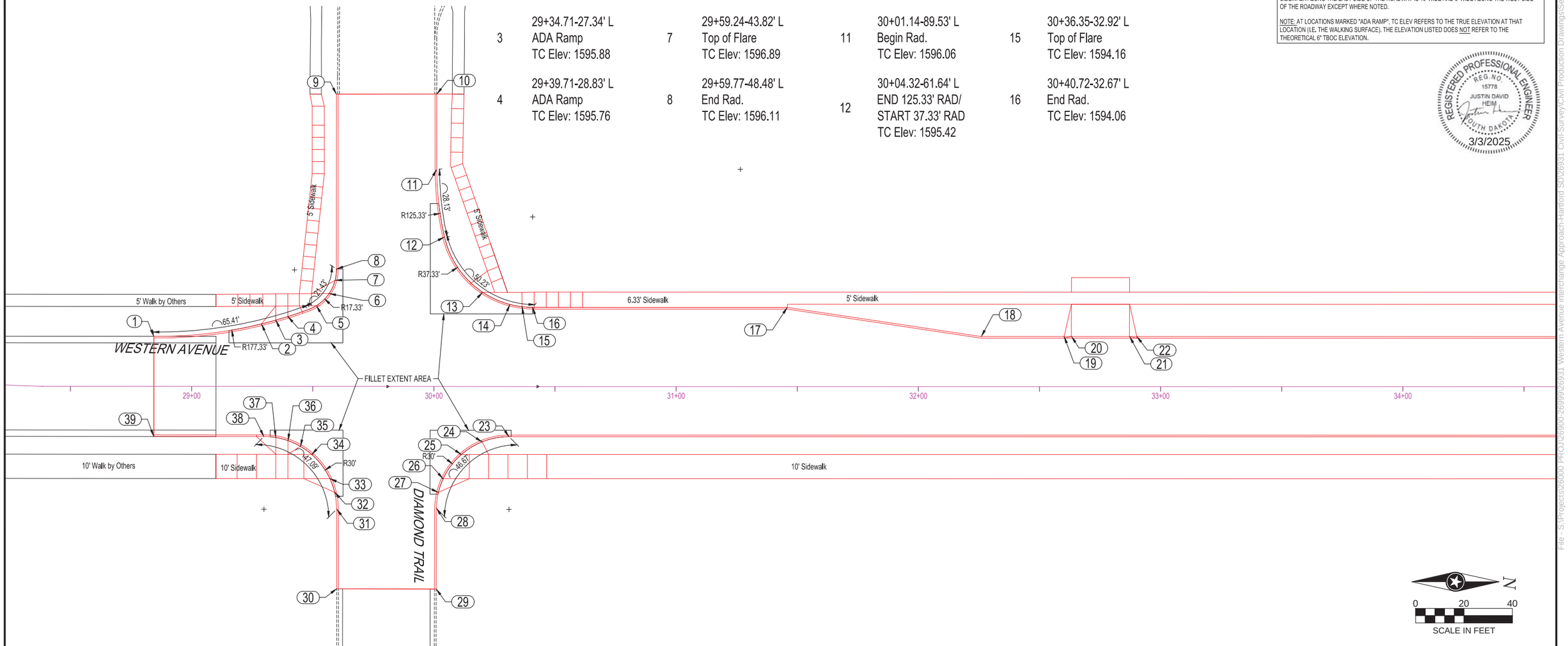

1	28+84.46-20.68' L Begin Rad. TC Elev: 1597.40	5	29+51.50-33.31' L ADA Ramp TC Elev: 1596.36	9	29+59.79-120.62' L Match Existing TC Elev: 1595.80	13	30+20.16-38.83' L ADA Ramp TC Elev: 1594.28				
2	29+28.78-25.78' L Top of Flare TC Elev: 1596.82	6	29+56.78-38.35' L ADA Ramp TC Elev: 1595.55	10	30+01.09-120.67' L Match Existing TC Elev: 1596.18	14	30+31.44-33.84' L ADA Ramp TC Elev: 1594.08				
3	29+34.71-27.34' L ADA Ramp TC Elev: 1595.88	7	29+59.24-43.82' L Top of Flare TC Elev: 1596.89	11	30+01.14-89.53' L Begin Rad. TC Elev: 1596.06	15	30+36.35-32.92' L Top of Flare TC Elev: 1594.16				
4	29+39.71-28.83' L ADA Ramp TC Elev: 1595.76	8	29+59.77-48.48' L End Rad. TC Elev: 1596.11	12	30+04.32-61.64' L END 125.33' RAD/ START 37.33' RAD TC Elev: 1595.42	16	30+40.72-32.67' L End Rad. TC Elev: 1594.06				
17	31+45.94-32.67' L End Widening TC Elev: 1592.04	21	32+87.18-20.67' L Driveway Gutter TC Elev: 1589.77	25	30+11.40-28.02' R ADA Ramp TC Elev: 1594.51	29	30+00.99-83.58' R Match Existing TC Elev: 1593.86	33	29+57.09-38.02' R ADA Ramp TC Elev: 1595.28	37	29+34.79-21.07' R ADA Ramp TC Elev: 1596.17
18	32+25.94-20.67' L Begin Widening TC Elev: 1591.10	22	32+90.18-20.67' L Top of Flare TC Elev: 1589.72	26	30+03.86-38.02' R ADA Ramp TC Elev: 1594.46	30	29+59.93-83.47' R Match Existing TC Elev: 0.84	34	29+49.55-28.01' R ADA Ramp TC Elev: 1595.53	38	29+29.89-20.67' R End Rad. TC Elev: 1596.56
19	32+60.18-20.67' L Top of Flare TC Elev: 1590.16	23	30+31.04-20.68' R Begin Rad. TC Elev: 1594.21	27	30+01.89-43.68' R Top of Flare TC Elev: 1595.38	31	29+59.89-50.63' R Begin Rad. TC Elev: 1595.23	35	29+44.91-24.70' R Top of Flare TC Elev: 1596.09	39	28+84.45-20.67' R Match TC Elev: 1597.40
20	32+63.18-20.67' L Driveway Gutter TC Elev: 1590.12	24	30+19.94-22.81' R Top of Flare TC Elev: 1595.46	28	30+01.06-50.24' R End Rad. TC Elev: 1594.83	32	29+59.05-43.69' R Top of Flare TC Elev: 1596.43	36	29+39.79-22.35' R ADA Ramp TC Elev: 1596.89		

40	34+82.79-20.67' L Top of Flare TC Elev: 1586.89	44	37+79.05-20.67' L Begin Rad. TC Elev: 1583.93	48	38+08.46-44.73' L Top of Flare TC Elev: 1584.02	52	38+50.50-62.68' L Begin Rad. TC Elev: 1583.49	56	38+80.50-32.67' L End Rad. TC Elev: 1582.48	60	38+75.23-21.21' R ADA Ramp TC Elev: 1582.26
41	34+85.79-20.67' L Driveway Gutter TC Elev: 1586.85	45	38+00.20-29.40' L Top of Flare TC Elev: 1583.95	49	38+09.05-50.50' L End Rad. TC Elev: 1584.09	53	38+57.73-43.14' L Top of Flare TC Elev: 1583.90	57	39+85.56-32.67' L End Widening TC Elev: 1580.67	61	38+70.23-22.63' R ADA Ramp TC Elev: 1582.32
42	35+15.64-20.67' L Driveway Gutter TC Elev: 1586.44	46	38+03.99-34.00' L ADA Ramp TC Elev: 1583.41	50	38+09.28-90.53' L Match Existing TC Elev: 1584.28	54	38+62.07-39.00' L ADA Ramp TC Elev: 1582.46	58	40+65.56-20.67' L Begin Widening TC Elev: 1579.64	62	38+57.10-32.40' R Top of Flare TC Elev: 1583.77
43	35+18.64-20.67' L Top of Flare TC Elev: 1586.40	47	38+06.69-39.00' L ADA Ramp TC Elev: 1583.47	51	38+50.33-90.29' L Match Existing TC Elev: 1584.30	55	38+74.14-33.35' L ADA Ramp TC Elev: 1583.90	59	38+80.90-20.67' R Begin Rad. TC Elev: 1582.59	63	38+53.94-37.50' R ADA Ramp TC Elev: 1582.66

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6353(00)	B34	B60

Plotting Date: 3/3/2025

CURB AND GUTTER LAYOUT

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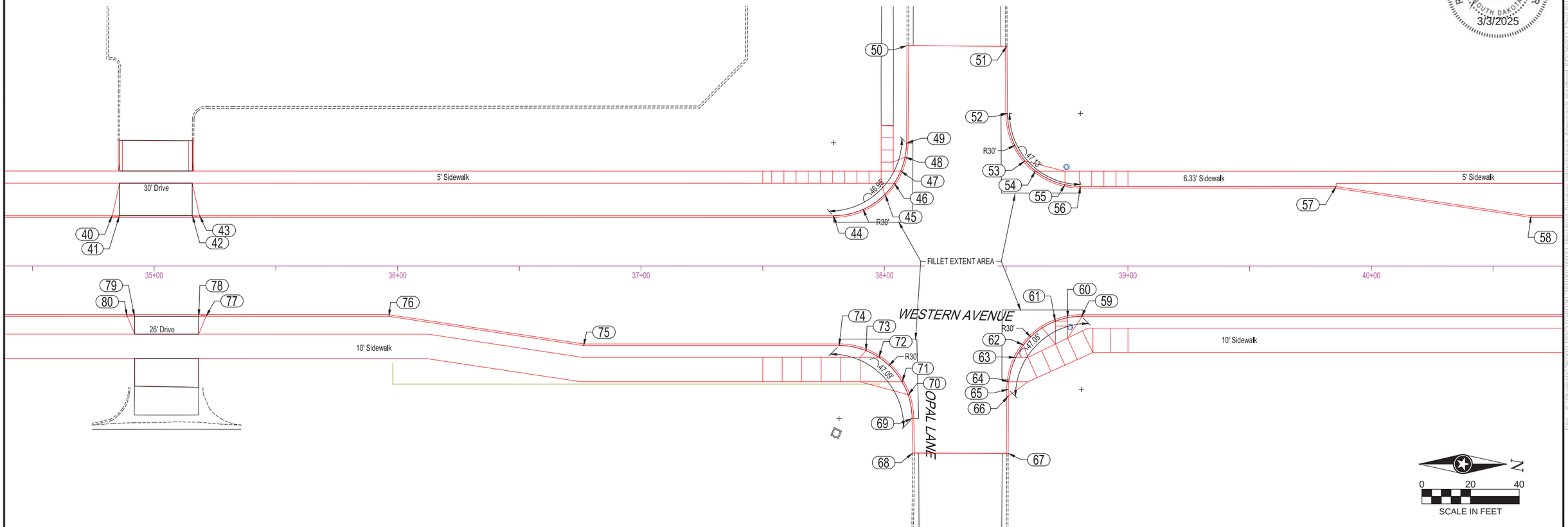
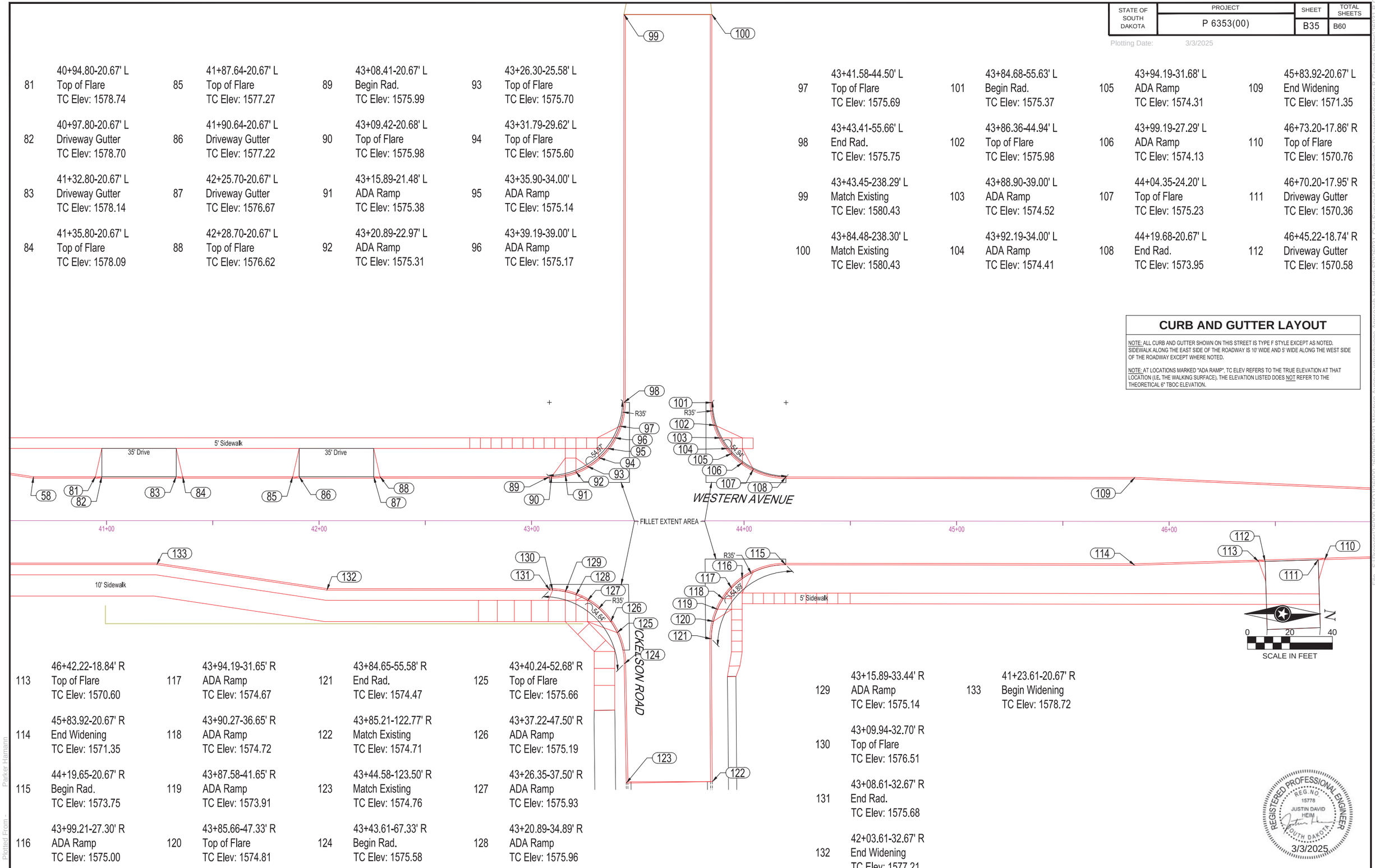


64	38+51.07-47.50' R ADA Ramp TC Elev: 1582.80	68	38+11.67-76.80' R Match Existing TC Elev: 1583.49	72	37+97.69-37.50' R ADA Ramp TC Elev: 1583.09	76	35+96.36-20.67' R Begin Widening TC Elev: 1585.86	80	34+88.96-20.67' R Top of Flare TC Elev: 1586.81		
65	38+50.90-50.59' R End Rad. TC Elev: 1583.11	69	38+11.36-62.63' R Begin Rad. TC Elev: 1583.72	73	37+92.35-34.75' R Top of Flare TC Elev: 1584.44	77	35+21.30-20.67' R Top of Flare TC Elev: 1586.37				
66	38+50.89-53.50' R Top of Flare TC Elev: 1584.24	70	38+09.70-52.83' R Top of Flare TC Elev: 1584.44	74	37+81.36-32.67' R End Rad. TC Elev: 1583.77	78	35+18.30-20.67' R Driveway Gutter TC Elev: 1586.41				
67	38+50.83-76.90' R Match Existing TC Elev: 1583.61	71	38+07.24-47.50' R ADA Ramp TC Elev: 1583.15	75	36+76.36-32.67' R End Widening TC Elev: 1584.75	79	34+91.96-20.67' R Driveway Gutter TC Elev: 1586.76				

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6353(00)	B35	B60

Plotting Date: 3/3/2025

81	40+94.80-20.67' L Top of Flare TC Elev: 1578.74	85	41+87.64-20.67' L Top of Flare TC Elev: 1577.27	89	43+08.41-20.67' L Begin Rad. TC Elev: 1575.99	93	43+26.30-25.58' L Top of Flare TC Elev: 1575.70	97	43+41.58-44.50' L Top of Flare TC Elev: 1575.69	101	43+84.68-55.63' L Begin Rad. TC Elev: 1575.37	105	43+94.19-31.68' L ADA Ramp TC Elev: 1574.31	109	45+83.92-20.67' L End Widening TC Elev: 1571.35
82	40+97.80-20.67' L Driveway Gutter TC Elev: 1578.70	86	41+90.64-20.67' L Driveway Gutter TC Elev: 1577.22	90	43+09.42-20.68' L Top of Flare TC Elev: 1575.98	94	43+31.79-29.62' L Top of Flare TC Elev: 1575.60	98	43+43.41-55.66' L End Rad. TC Elev: 1575.75	102	43+86.36-44.94' L Top of Flare TC Elev: 1575.98	106	43+99.19-27.29' L ADA Ramp TC Elev: 1574.13	110	46+73.20-17.86' R Top of Flare TC Elev: 1570.76
83	41+32.80-20.67' L Driveway Gutter TC Elev: 1578.14	87	42+25.70-20.67' L Driveway Gutter TC Elev: 1576.67	91	43+15.89-21.48' L ADA Ramp TC Elev: 1575.38	95	43+35.90-34.00' L ADA Ramp TC Elev: 1575.14	99	43+43.45-238.29' L Match Existing TC Elev: 1580.43	103	43+88.90-39.00' L ADA Ramp TC Elev: 1574.52	107	44+04.35-24.20' L Top of Flare TC Elev: 1575.23	111	46+70.20-17.95' R Driveway Gutter TC Elev: 1570.36
84	41+35.80-20.67' L Top of Flare TC Elev: 1578.09	88	42+28.70-20.67' L Top of Flare TC Elev: 1576.62	92	43+20.89-22.97' L ADA Ramp TC Elev: 1575.31	96	43+39.19-39.00' L ADA Ramp TC Elev: 1575.17	100	43+84.48-238.30' L Match Existing TC Elev: 1580.43	104	43+92.19-34.00' L ADA Ramp TC Elev: 1574.41	108	44+19.68-20.67' L End Rad. TC Elev: 1573.95	112	46+45.22-18.74' R Driveway Gutter TC Elev: 1570.58



113	46+42.22-18.84' R Top of Flare TC Elev: 1570.60	117	43+94.19-31.65' R ADA Ramp TC Elev: 1574.67	121	43+84.65-55.58' R End Rad. TC Elev: 1574.47	125	43+40.24-52.68' R Top of Flare TC Elev: 1575.66	129	43+15.89-33.44' R ADA Ramp TC Elev: 1575.14	133	41+23.61-20.67' R Begin Widening TC Elev: 1578.72				
114	45+83.92-20.67' R End Widening TC Elev: 1571.35	118	43+90.27-36.65' R ADA Ramp TC Elev: 1574.72	122	43+85.21-122.77' R Match Existing TC Elev: 1574.71	126	43+37.22-47.50' R ADA Ramp TC Elev: 1575.19	130	43+09.94-32.70' R Top of Flare TC Elev: 1576.51						
115	44+19.65-20.67' R Begin Rad. TC Elev: 1573.75	119	43+87.58-41.65' R ADA Ramp TC Elev: 1573.91	123	43+44.58-123.50' R Match Existing TC Elev: 1574.76	127	43+26.35-37.50' R ADA Ramp TC Elev: 1575.93	131	43+08.61-32.67' R End Rad. TC Elev: 1575.68						
116	43+99.21-27.30' R ADA Ramp TC Elev: 1575.00	120	43+85.66-47.33' R Top of Flare TC Elev: 1574.81	124	43+43.61-67.33' R Begin Rad. TC Elev: 1575.58	128	43+20.89-34.89' R ADA Ramp TC Elev: 1575.96	132	42+03.61-32.67' R End Widening TC Elev: 1577.21						

CURB AND GUTTER LAYOUT

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	47+43.92-13.81' L		49+33.78-46.99' R
134	Begin Widening	139	Match Curb Height
	TC Elev: 0.84		TC Elev: 1565.97
	47+43.92-15.64' R		49+33.74-41.99' R
135	Begin Widening	140	Zero-Height Curb
	TC Elev: 1569.77		TC Elev: 1565.75
	49+03.37-18.87' R		49+38.55-18.78' R
136	Flare	141	Flare
	TC Elev: 1566.46		TC Elev: 1565.79
	49+08.56-42.20' R		
137	Zero-Height Curb		
	TC Elev: 1566.46		

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 6353(00)	B36	B60

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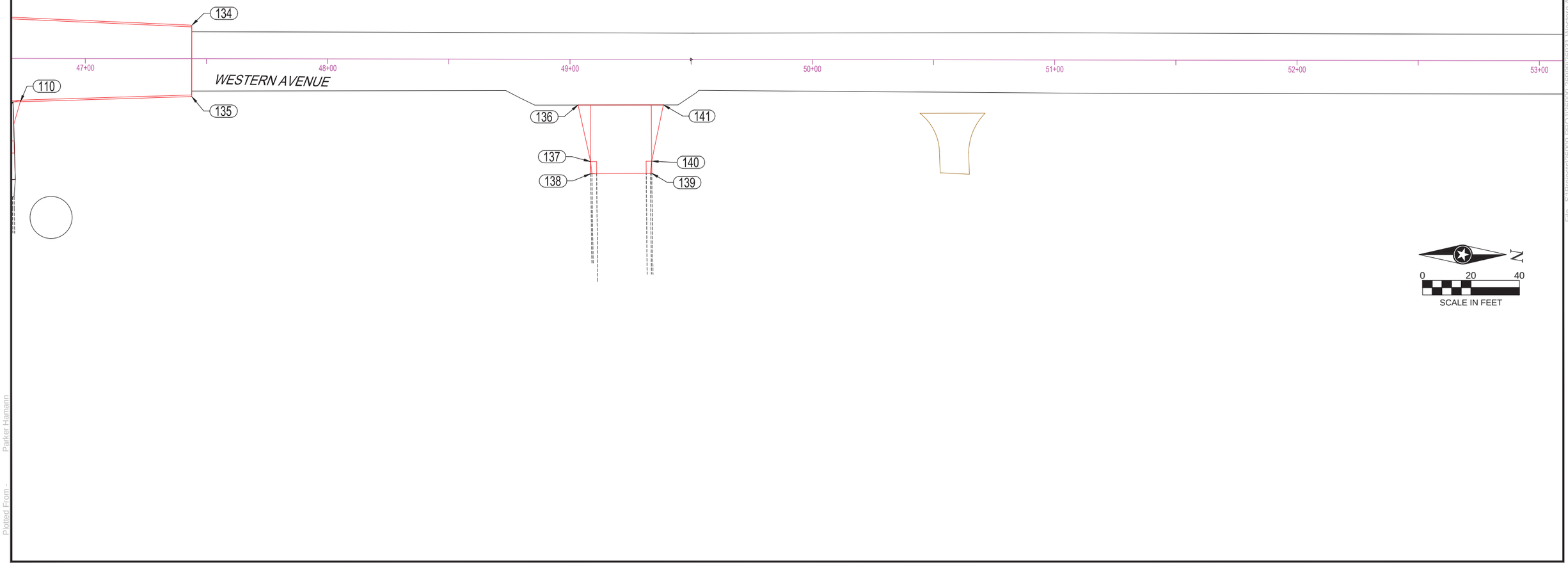
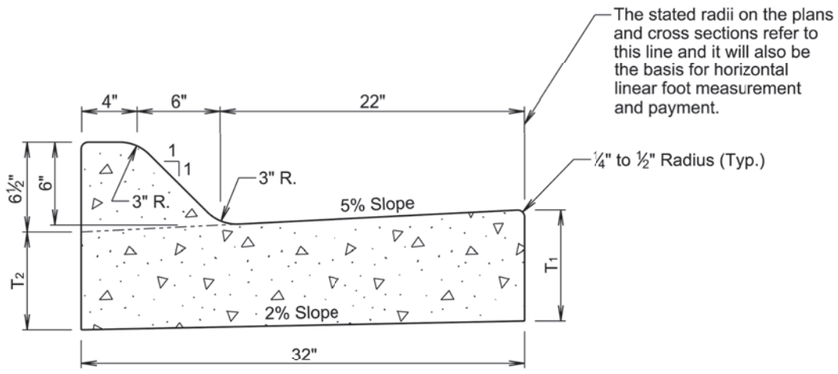




TYPE F CONCRETE CURB AND GUTTER				
Type	T_1 (Inches)	T_2 (Inches)	Cu. Yd. Per Lin. Ft.	Lin. Ft. Per Cu. Yd.
F66	6	5 1/16	0.057	17.6
F67	7	6 1/16	0.065	15.4
F68	8	7 1/16	0.073	13.6
F68.5	8.5	7 3/16	0.077	12.9
F69	9	8 1/16	0.082	12.3
F69.5	9.5	8 3/16	0.086	11.7
F610	10	9 1/16	0.090	11.1
F610.5	10.5	9 3/16	0.094	10.7
F611	11	10 1/16	0.098	10.2
F611.5	11.5	10 3/16	0.102	9.8
F612	12	11 1/16	0.106	9.4

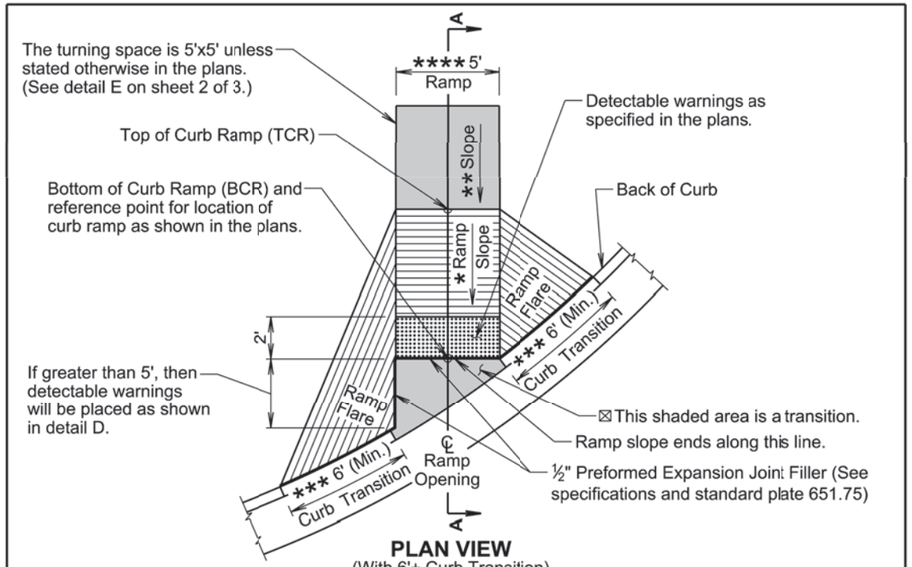
GENERAL NOTES:

When concrete curb and gutter longitudinally adjoins new concrete pavement, the method of attachment will be by one of the methods shown on standard plate 380.21.

See standard plate 650.90 for expansion and contraction joints in the curb and gutter.

January 22, 2023

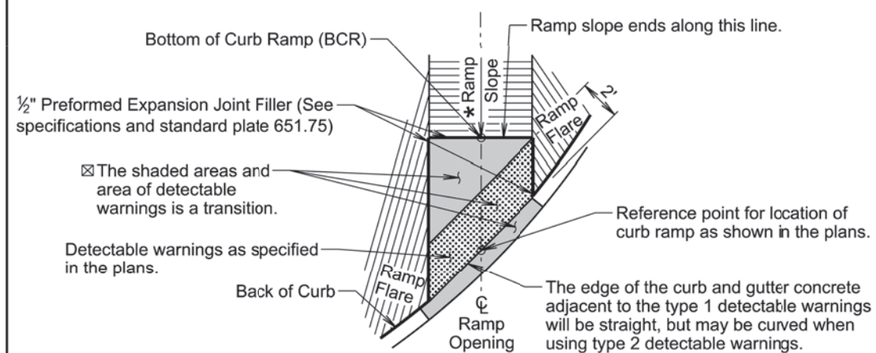
Published Date: 2025	SDDOT	TYPE F CONCRETE CURB AND GUTTER	PLATE NUMBER 650.20
			Sheet 1 of 1



PLAN VIEW
(With 6'+ Curb Transition)

☒ The slope within the transition area will not be steeper than 5%. The concrete within the transition will be placed monolithic with the curb and gutter or fillet section concrete. The concrete thickness within the transition will be the same as the curb and gutter or fillet section concrete thickness.

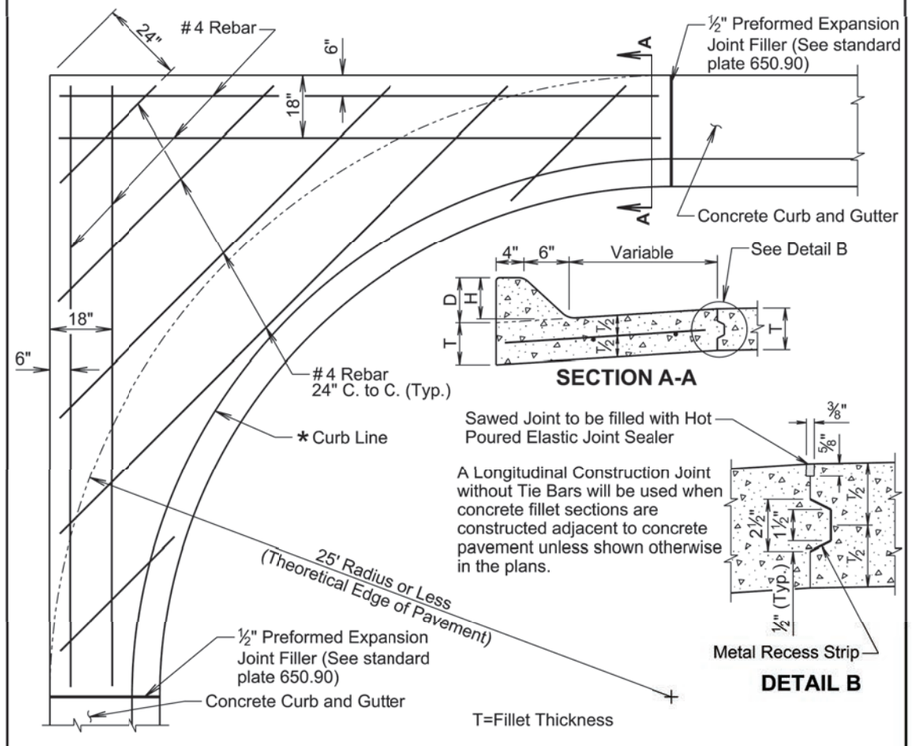
*** The curb transition will be a minimum of 6' long, a maximum of 10' long, and the curb transition slope will not be steeper than 10% unless stated otherwise in the plans. The curb transition length will be adjusted as necessary to meet slope and length requirements based on field geometrics.



DETAIL D

February 14, 2020

Published Date: 2024	SDDOT	TYPE 2 CURB RAMP (DIRECTIONAL CURB RAMP)	PLATE NUMBER 651.02
			Sheet 1 of 3



* If a curb ramp is constructed adjacent to a PCC fillet section, the curb will need to be modified. Refer to the corresponding curb ramp standard plate or other special details in the plans for modification of the PCC fillet section.

March 31, 2024

Published Date: 2025	SDDOT	PCC FILLET SECTION WITH TYPE F CURB AND GUTTER	PLATE NUMBER 380.31
			Sheet 1 of 2

GENERAL NOTES:

For fillets with irregular shapes or bump outs:

1) The 6" and 18" offset #4 rebar will be included on any side next to pavement or driveways (not along the Curb and Gutter).

2) All remaining area will have #4 rebar spaced 24" center to center in a square pattern.

If a curb ramp is constructed adjacent to a PCC fillet section, the curb will need to be modified. Refer to the corresponding curb ramp standard plate or other special details in the plans for modification of the PCC fillet section.

Dimensions D, H, and T will conform to those shown on the appropriate curb and gutter standard plate.

All rebar will be in conformance with Sections 480 and 1010 of the Specifications. All rebar will have a minimum of 3 inches of clear cover.

Class M6 Concrete will be used in construction of the fillets.

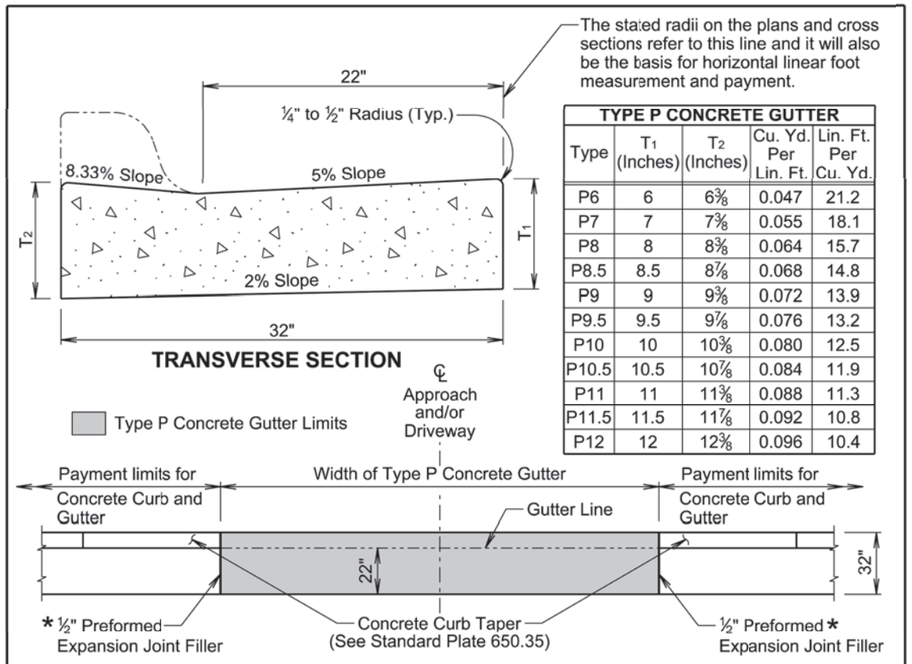
The concrete curb will be monolithic with the concrete fillet. No separate payment for this curb will be made as the curb is considered a part of the fillet.

Joints will be constructed at 10-foot intervals except when fillets are constructed adjacent to PCC Pavement. If there is adjacent PCC Pavement the joints will be extended from edge of pavement through the fillet section as directed by the Engineer.

The cost for all materials, labor, and incidentals necessary to construct the PCC fillet section with curb and gutter will be incidental to the contract unit price per square yard for the corresponding PCC fillet section contract item.

March 31, 2024

Published Date: 2025	SDDOT	PCC FILLET SECTION WITH TYPE F CURB AND GUTTER	PLATE NUMBER 380.31
			Sheet 2 of 2



TYPE P CONCRETE GUTTER				
Type	T_1 (Inches)	T_2 (Inches)	Cu. Yd. Per Lin. Ft.	Lin. Ft. Per Cu. Yd.
P6	6	6⅜	0.047	21.2
P7	7	7⅜	0.055	18.1
P8	8	8⅜	0.064	15.7
P8.5	8.5	8⅞	0.068	14.8
P9	9	9⅜	0.072	13.9
P9.5	9.5	9⅞	0.076	13.2
P10	10	10⅜	0.080	12.5
P10.5	10.5	10⅞	0.084	11.9
P11	11	11⅜	0.088	11.3
P11.5	11.5	11⅞	0.092	10.8
P12	12	12⅜	0.096	10.4

* Joint will not be needed if concrete curb and gutter and type P concrete gutter is placed at the same time. If the ½" preformed expansion joint filler is provided, then the joint will be sealed in accordance with standard plate 650.90.

GENERAL NOTES:

The concrete for the type P concrete gutter will comply with the requirements of the specifications for class M6 concrete.

When concrete gutter longitudinally adjoins new concrete pavement, the method of attachment will be by one of the methods shown on standard plate 380.21.

Transverse contraction joints will be constructed at 10-foot intervals in the concrete gutter except when concrete gutter is constructed adjacent to mainline PCC pavement. When concrete gutter is constructed adjacent to mainline PCC pavement, a transverse contraction joint will be constructed in the concrete gutter at each mainline PCC pavement transverse contraction joint location.

When concrete gutter is placed monolithically with mainline PCC pavement, the transverse contraction joints in the concrete gutter will be sawed and sealed the same as the transverse contraction joints in the mainline PCC pavement.

When concrete gutter is not placed monolithically with the mainline PCC pavement and when the adjacent mainline surfacing is not PCC concrete, the transverse contraction joints in the concrete gutter will be 1½ inches deep if formed in the fresh concrete using a suitable grooving tool. If a saw is used to cut the contraction joints, then the depth of the joint will be at least ¼ the thickness of the concrete.

January 22, 2023

Published Date: 2025	SDDOT	*TYPE P CONCRETE GUTTER*	*PLATE NUMBER 650.30*
			Sheet 1 of 1

SECTION F – ESTIMATE OF QUANTITIES

SBI NBR	SBI DESC	ITEM QTY	UNITS
260E3010	Gravel Surfacing	100.0	Ton
320E5020	Saw Joint in Asphalt Concrete	273.3	Ft
320E6000	Temporary Asphalt	488.0	Ton
380E0050	8" Nonreinforced PCC Pavement	10,784.0	SqYd
380E6000	Dowel Bar	6,012	Each
380E6110	Insert Steel Bar in PCC Pavement	78	Each
380E6450	Saw Joint in PCC Pavement	102.1	Ft
380E9010	Temporary Gravel Crossing	10	Each
831E0210	Non-woven Separator Fabric	13,559	SqYd

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications and Special Provisions as included in the Proposal.

UTILITIES

The Contractor will contact the involved utility companies through South Dakota One Call (1-800-781-7474) prior to starting work. It will be the responsibility of the Contractor to coordinate work with the utility owners to avoid damage to existing facilities.

If utilities are identified near the improvement area through the SD One Call Process as required by South Dakota Codified Law 49-7A and Administrative Rule Article 20:25, the Contractor will contact the Engineer to determine modifications that will be necessary to avoid utility impacts.

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.

SCALE

The Contractor will provide a computerized scale with the capability of printing weigh tickets for weighing the Aggregate Base Course and Salvage and Stockpile Asphalt Mix Material material. Cost for providing the computerized scale with printouts will be incidental to various contract items.

WORK DURING CALENDAR YEAR 2025

Project IM 0909(92)387 which is the Removal, Grading, Structures and Interim Surfacing of Exit 387 south of Hartford, SD,

The Contractor will be responsible to coordinate phasing, traffic control, and construction operations between the two projects to limit disruptions to the maximum extent feasible. The Contractor shall coordinate with project engineers on each project when proposing modifications to traffic control, phasing, and traffic patterns.

BUSINESS ENTRANCE CLOSURES

It is anticipated that there are 3 intersecting streets, and 5 driveways that may require a blockout to maintain access. The business entrances designated by the Engineer will not be closed for more than 24 consecutive hours with no alternate entrance into the business. The Contractor may use Fast Track Concrete, paving during nonbusiness hours, or any option approved by the Engineer to achieve this requirement. Failure to comply with this requirement will necessitate liquidated damages being assessed at a rate of $1,650.00 for each calendar day per each intersecting street or business entrance that remains closed pass the aforementioned time limit.

TEMPORARY GRAVEL CROSSINGS

Included in the Estimate of Quantities are temporary gravel crossings to be used if required and placed as directed by the Engineer.

Salvaged granular base material may be utilized for temporary gravel crossings. If utilized, cost to salvage, stockpile, and place existing granular material shall be considered incidental to bid item.

Gravel Crossings shall be a minimum 6” thick. Item includes all materials, labor, and equipment to construct, compact, and maintain temporary crossings.

STOCKPILE SITE

Prior to stockpiling of materials, topsoil will be salvaged from and stockpiled within the City-owned area. Topsoil will be considered to consist of the upper 6 inches of natural soil which normally supports vegetation.

Payment for stockpile site preparation will be incidental to the various contract items.

Location of Salvaged Asphalt Mix material is the Swenson Sports Complex in Hartford. The site is located approximately 1.9 miles north of the project location.

GRAVEL SURFACING

The gravel surfacing will be placed on the project as closely following completion paving operations. Gravel shall be graded and to ensure a smooth transition to paved areas in locations shown on the plans.

SAW JOINT IN ASPHALT CONCRETE AND PCC PAVEMENT

Prior to the removal of in place asphalt concrete and/or PCC Pavement, the existing pavement will be sawed full depth to a true line with a vertical face. See typical sections. If approved by the Engineer, the Contractor may elect to use a different method to create this vertical face. All costs to saw joint will be incidental to the contract unit price per foot for Saw Joint in Asphalt Concrete and Saw Joint in PCC Pavement.

JOINT SAWING TABLE

Station		Station	Asphalt Concrete Joint (feet)	PCC Pavement Joint (feet)
Diamond Trail				
29+60 83’ R	to	29+63 83’ R		2.5
29+63 83’ R	to	29+98 83’ R	36.2	
29+98 83’ R	to	30+01 83’ R		2.5
29+60 121’ L	To	30+01 121’ L		41.0
Ace Hardware Driveway				
34+85 52’ L	to	35+16 51’ L		31.1
DQ Driveway				
34+90 50’ R	to	34+92 50’ R		2.5
34+92 50’ R	to	35+18 50’ R	26.3	
35+18 50’ R	to	35+20 50’ R		2.5
Opal Lane				
38+9 91’ L	to	38+12 91’ L		2.5
38+12 91’ L	to	38+48 90’ L	36.0	
38+48 90’ L	to	38+50 90’ L		2.5
38+12 77’ R	to	38+14 77’ R		2.5
38+14 77’ R	to	38+47 77’ R	34.3	
38+47 77’ R	to	38+51 77’ R		2.5
Mickelson Road				
43+45 124’ R	to	43+47 123’ R		2.5
43+47 123’ R	to	43+83 123’ R	35.9	
43+83 123’ R	to	43+85 123’ R		2.5
St. George Catholic Church				
46+46 51’ R	to	46+71 50’ R	25.0	
48+86 19’ R	to	49+45 19’ R	79.6	5.0
		Total =	273.3	102.1

TEMPORARY ASPHALT

An estimated 476 tons of asphalt concrete is to be produced and placed by the Contractor on Western Avenue at locations given on Sheets C-4 through C-8

The Contractor Furnished Asphalt Concrete will meet the requirements of the Specifications for Class D Hot Mixed Asphalt Concrete.

The asphalt concrete will be compacted to 92% of the maximum specific gravity of the test specimens prepared in the field in accordance with SD 312.

All costs involved in producing and placing the asphalt concrete will be measured and paid for at the contract unit price per ton for Temporary Asphalt.

There will be no increase in the contract unit price per ton for Temporary Asphalt for any increases or decreases in either the quantity or the haul.

Asphalt binder and tack is considered incidental to the bid item. A maximum 20% RAP may be incorporated to the mix.