

INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
A.2	Location Map Sheet
B Sheets	Typical Cross Sections and Details
B.1	Typical Cross Sections and Details
C Sheets	Quantities and General Information
C.1 - 2	Estimated Project Quantities & Reference Information
C.3 - 14	Tabulations & General Notes
J Sheets	Traffic Control and Staging Sheets
J.1	Traffic Control Plan
J.2	511 Travel Restrictions
RR Sheets	Erosion Control Plan Sheets
RR.1 - 3	Plan Layout Sheets
U Sheets	500 Series, Mod.Stds. and Detail Sheets
U.1 - 2	STP-U-5732(605)--70-84 As-Built Detail Sheets
U.3 - 6	HSIPX-010-1(87)--3L-84 As-Built Detail Sheets



PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
SIoux COUNTY
Pavement Planing/Grooving
In Orange City,
from W of Albany Ave
to E of Jay Ave
SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



DESIGN DATA URBAN				
2026	AADT	8,300	V.P.D.	
2046	AADT	—	V.P.D.	
2046	DHV	—	V.P.H.	
	TRUCKS	2	%	
	Total			
	Design ESALs	—		

REVISIONS	
	TOTAL 28
PROJECT IDENTIFICATION NUMBER	
25-84-010-070	
PROJECT NUMBER	
STP-010-1(098)--2C-84	
R.O.W. PROJECT NUMBER	

ROADWAY DESIGN	
	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. Signature <u>Justin M. Pottorff</u> Date <u>07/07/2026</u> Printed or Typed Name <u>JUSTIN M. POTTORFF</u> My license renewal date is December 31, 2026
Pages or sheets covered by this seal: <u>ALL</u>	

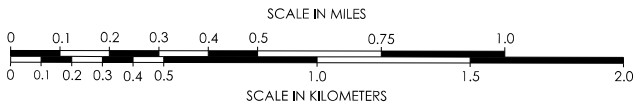
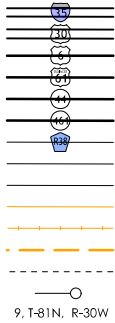
BEGIN CONSTRUCTION
STA 4+35
MP 25.64

END CONSTRUCTION
STA 63+00
MP 26.74



LEGEND

- INTERSTATE ROUTE
- FREEWAY OR EXPRESSWAY ROUTE
- U.S. NUMBERED ROUTE
- BUSINESS ROUTE
- STATE NUMBERED ROUTE
- UNSIGNED ROUTE
- COUNTY NUMBERED ROUTE
- SECONDARY ROAD OR ADJOINING CITY STREET
- CITY STREET
- PARK, INSTITUTION, OR FEDERAL ROAD
- RAILROAD
- CORPORATION LINE
- SECTION LINE
- CUL-DE-SAC
- SECTION, TOWNSHIP & RANGE NUMBERS



HIGHWAY AND STREET MAP
OF
ORANGE CITY
IOWA

PREPARED BY
IOWA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION DEVELOPMENT DIVISION
SYSTEMS PLANNING BUREAU
PHONE (515) 239-1664
IN COOPERATION WITH
UNITED STATES DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

84-5732

T-95N
T-94N



FILE NO.

ENGLISH

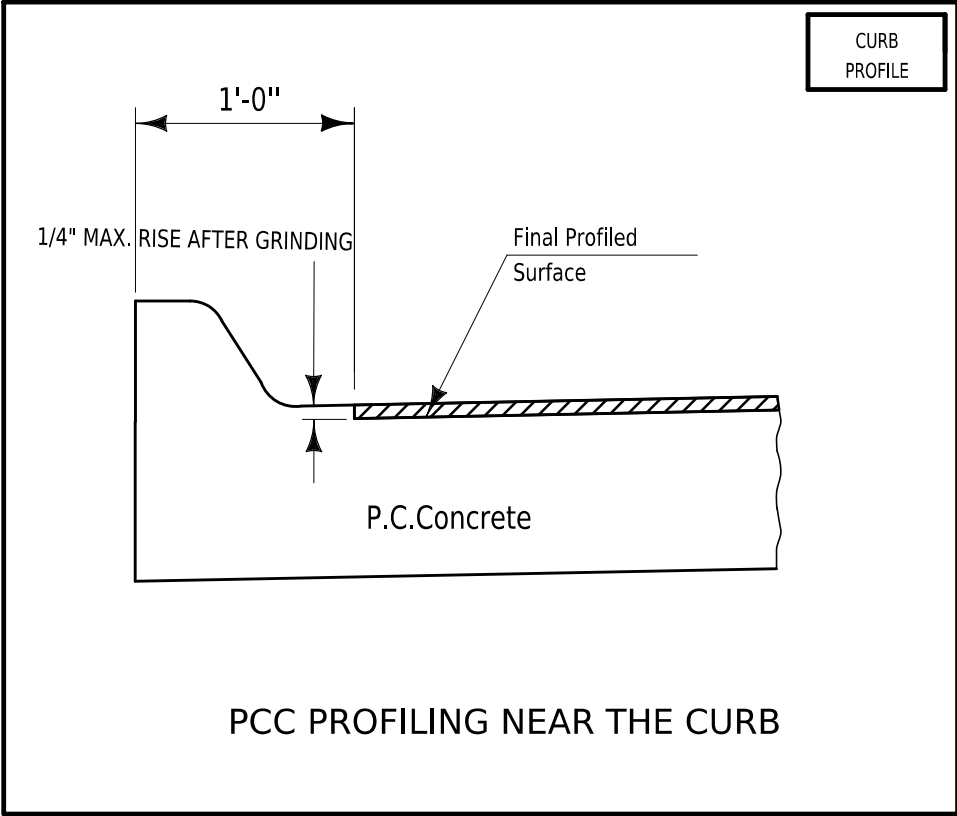
DESIGN TEAM DISTRICT 3

SIoux

COUNTY

PROJECT NUMBER STP-010-1(098)--2C-84

SHEET NUMBER A.2



ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Iowa DOT : Roadway Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Iowa DOT	
1	2212-5070310	PATCHES, FULL-DEPTH REPAIR	SY	270.4	Refer to Tab. 102-6C on C Sheets. Quantity increased 30% for discretionary patches as approved by the Engineer.
2	2212-5070321	PATCHES, PARTIAL-DEPTH REPAIR, P.C.C.	SF	127.4	Refer to Tab. 102-14 on C Sheets. Quantity increased 30% for discretionary patches as approved by the Engineer.
3	2212-5070330	PATCHES BY COUNT (REPAIR)	EACH	33	Refer to Tab. 102-6C on C Sheets. Quantity increased 30% for discretionary patches as approved by the Engineer.
4	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	3	Refer to Tab. 104-10 on C Sheets.
5	2527-9263155	PRE-CUT SYMBOLS AND LEGENDS, PREFORMED THERMOPLASTIC MARKING MATERIAL	EACH	34	Refer to Tab. 108-29 on C Sheets.
6	2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	144.28	Refer to Tab. 108-22 on C Sheets.
7	2527-9263225	PERMANENT TAPE MARKINGS, PREFORMED THERMOPLASTIC MARKING MATERIAL	STA	19.49	
8	2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS	STA	163.77	
9	2527-9270120	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	34	Refer to Tab. 108-29 on C Sheets.
10	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Traffic Control Plan on Tab. 108-23A on J Sheets.
11	2532-5200002	PAVEMENT SURFACE REPAIR (GRINDING GRAVEL)	SY	24,523	Contractor shall ensure that the order of operations in followed according to Std. Spec. 2532.03.D.2.
12	2533-4980005	MOBILIZATION	LS	1	--
13	2542-1006001	CRACK AND JOINT CLEANING AND FILLING (PCC PAVEMENT)	MILE	1.65	
14	2542-1007000	SEALER MATERIAL (PCC PAVEMENT)	LB	2,563.17	Estimated at 12.6 lbs. per 100 linear feet.
15	2544-1001100	CLEANING AND FILLING CRACKS (PAVEMENT MAINTENANCE)	MILE	0.14	HMA section west of Jay Avenue. This work shall consist of cleaning and filling cracks in accordance with Std. Spec. 2544.
16	2544-1003000	FILLER MATERIAL (MAINTENANCE)	GAL	49	Cracks shall be filled with filler material meeting the requirements of Article 4140, modified for CRS-2P. Quantity estimated at 350 gallons per two lane mile pavement.
17	2554-0212040	VALVE BOX ADJUSTMENT, MINOR	EACH	1	Refer to Tab. 104-10 on C Sheets.

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Iowa DOT	
18	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602	LF	247	Refer to Tab. 100-36 on C Sheets.
19	2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	48	
20	2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	48	
21	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG, EC-604	EACH	6	Refer to Tab. 100-37 on C Sheets.
22	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	6	
23	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	6	

PROJECT DESCRIPTION This is a PCC Planing/Grooving project on IA 10 in Sioux County from west of Albany Avenue to east of Jay Avenue in the City of Orange City. Other work includes patching, pavement markings, and HMA crack filling.				100_01D 8/15/22							
FILE NO.	ENGLISH	DESIGN TEAM	DISTRICT 3		SIoux COUNTY	PROJECT NUMBER	STP-010-1(098)--2C-84		SHEET NUMBER	C.3	

EXISTING PAVEMENT																					102_05 9/29/23
Line No.	County	Route	Direction of Travel	Begin Ref. Location Sign	End Ref. Location Sign	Year	Type	Project Number	Surface Type	Surface Depth (IN)	Base Type	Base Depth (IN)	Subbase Type	Subbase Depth (IN)	Removal Type	Removal Depth (IN)	Coarse Aggregate Source	Coarse Aggregate Type	Course Aggregate Durability Class	Reinforcement Type	Remarks
1.0	Sioux	IA-10	EB	25.63	26.49	2018	M	MP-000-3(725)0--76-00													HMA crack filling
2.0	Sioux	IA-10	EB	25.63	26.49	1991		NA	PCC	9.5											
3.0																					
4.0	Sioux	IA-10	EB	26.49	26.66	2018	M	MP-000-3(725)0--76-00													HMA crack filling
5.0	Sioux	IA-10	EB	26.49	26.66	2014		MP-010-3(707)27--76-84	HMA	2.0					MIL	2.0					
6.0	Sioux	IA-10	EB	26.49	26.66	1994		STP-10-1(48)--2C-84	AAC	3.0	TBB	8.0					HAWARDEN-NORTH	GRAVEL			DELL RAPIDS QUARTZ.
7.0																					
8.0	Sioux	IA-10	EB	26.66	26.78	2023	O	HSIPX-010-1(87)--3L-84	PCC	9.5	MSB	12.0									

105_04 4/21/26 STANDARDS The following Standards apply to construction work on this project.		
Number	Date	Title
EC-602	10-15-24	Open-Throat Curb Intake Sediment Filter
EC-604	10-17-23	Grate Intake Sediment Filter Bag
PM-110	10-15-24	Line Types
PM-111	04-21-20	Symbols and Legends
PM-115	04-15-25	Grooving for Line Types
PM-116	04-16-24	Grooving for Symbols and Legends
PM-550	10-15-24	Two-Lane Roadway with Two-Way Left Turn Lane
PR-103	10-21-25	Full Depth PCC Patch with Dowels
PR-107	10-16-18	Partial Depth PCC Finish Patches
PV-101	10-21-25	Joints
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-63	04-18-23	Lane Closure at Two-Lane to Four-Lane Transition.
TC-202	04-18-23	Work Within 15 ft of Traveled Way
TC-228	04-18-23	Lane Closure Involving TWLTL
TC-231	04-18-23	Slow Moving Vehicle Operating in the Traffic Lane
TC-233	10-17-17	Pavement Marking Operations Two-Lane

PROPOSED POSTED SPEED LIMIT					
Line No.	Roadway Identification	Station From	Station To	Proposed Posted Speed	Remarks
1.0	IA 10	3+64.14	12+25.00	35 or less	30 MPH
2.0	IA 10	12+25.00	63+00.00	35 or less	35 MPH

100_27
8/15/22

102_06C
4/21/26

FULL-DEPTH PATCHES																				
Line No.	Count	Station	Direction of Travel	Side	Length (FT)	Width (FT)	Patch Thickness (IN)	Patch Repair or Finish	PCC Patch Type	PCC Patch Quantity (SY)	HMA Patches (SY)	Composite HMA (TON)	Subbase Patches (PR-140) (SY)	Subbase Patch with 'EF' Joint (PR-101) (SY)	Patch Subdrain PR-101 or PR-140 (No.)	'CD' Joints (No.)	'CT' Joints (No.)	'EF' Joints PR-101 (No.)	Anchor Lugs Removal (No.)	Remarks
1.0	1	6+90.00	EB	Right	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
2.0	1	6+90.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
3.0	1	6+90.00	EB	Left	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
4.0	1	8+28.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
5.0	1	8+28.00	EB	Right	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
6.0	1	8+51.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
7.0	1	8+51.00	EB	Right	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
8.0	1	8+60.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
9.0	1	8+87.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
10.0	1	9+20.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
11.0	1	9+40.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
12.0	1	9+80.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
13.0	1	10+00.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
14.0	1	11+15.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
15.0	1	11+35.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
16.0	1	11+75.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
17.0	1	11+95.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
18.0	1	12+35.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
19.0	1	12+95.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
20.0	1	16+94.00	EB	Right	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
21.0	1	16+94.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
22.0	2	21+98.00	EB	Right	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	16.0										
23.0	1	22+35.00	EB	Center	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	8.0										
24.0	2	24+70.00	EB	Right	6.0	12.0	9.5	Repair	PCC With Dowels (PR-103)	16.0										
Total:		26	208																	

PARTIAL DEPTH HMA OR PCC REPAIR PATCHES

Line No.	Station From	Lane	Type	Patch Length (FT)	Patch Width (FT)	Estimated PCC Area (SF)	Remarks
1.0	4+50.00	Center	PCC	2.0	2.0	4.0	
2.0	4+50.00	Center	PCC	2.0	2.0	4.0	
3.0	4+65.00	Center	PCC	2.0	2.0	4.0	
4.0	5+50.00	Center	PCC	2.0	2.0	4.0	
5.0	7+35.00	Center	PCC	2.0	8.0	16.0	
6.0	7+65.00	Left	PCC	2.0	4.0	8.0	
7.0	8+35.00	Center	PCC	2.0	2.0	4.0	
8.0	9+20.00	Right	PCC	2.0	2.0	4.0	
9.0	10+25.00	Center	PCC	2.0	2.0	4.0	
10.0	10+45.00	Center	PCC	2.0	2.0	4.0	
11.0	10+55.00	Center	PCC	2.0	5.0	10.0	
12.0	10+84.00	Center	PCC	2.0	2.0	4.0	
13.0	11+12.00	Center	PCC	2.0	2.0	4.0	
14.0	11+25.00	Center	PCC	2.0	2.0	4.0	
15.0	48+90.00	Center	PCC	4.0	4.0	16.0	
16.0	46+20.00	Center	PCC	2.0	2.0	4.0	
Total:				98			

ADJUSTMENT OF FIXTURES							104_10 4/16/24
Line No.	Item No.	Location Station	Side	Distance	Type of Fixture	Adjustment	
1.0	1	21+60.00	WB	15	Manhole	Minor	
2.0	2	48+90.00	WB	20	Manhole	Minor	
3.0	3	59+75.00	EB	12	Water valve	Minor	
4.0	4	60+25.00	WB	32	Manhole	Minor	

OPEN-THROAT CURB INTAKE SEDIMENT FILTER							100_36 8/15/22
Possible Standard: EC-602							
Line No.	Station	Side	Installation (LF)	Maintenance (Each)	Removal (Each)	Remarks	
1.0	8+60.00	Left	4.0	1	1.0		
2.0	8+86.00	Right	4.0	1	1.0		
3.0	10+35.00	Left	5.0	1	1.0		
4.0	10+35.00	Right	6.0	1	1.0		
5.0	13+45.00	Left	7.0	1	1.0		
6.0	13+45.00	Right	6.0	1	1.0		
7.0	15+70.00	Left	7.0	1	1.0		
8.0	15+70.00	Right	7.0	1	1.0		
9.0	18+26.00	Left	8.0	1	1.0		
10.0	18+26.00	Right	8.0	1	1.0		
11.0	19+90.00	Left	5.0	1	1.0		
12.0	19+90.00	Right	5.0	1	1.0		
13.0	21+64.00	Left	7.0	1	1.0		
14.0	21+66.00	Right	4.0	1	1.0		
15.0	24+40.00	Left	4.0	1	1.0		
16.0	24+40.00	Right	4.0	1	1.0		
17.0	29+50.00	Left	7.0	1	1.0		
18.0	29+50.00	Right	6.0	1	1.0		
19.0	33+00.00	Left	7.0	1	1.0		
20.0	33+00.00	Right	6.0	1	1.0		
21.0	34+60.00	Left	5.0	1	1.0		
22.0	37+20.00	Left	7.0	1	1.0		
23.0	37+20.00	Right	7.0	1	1.0		
24.0	39+00.00	Left	6.0	1	1.0		
25.0	39+00.00	Right	7.0	1	1.0		
26.0	42+00.00	Left	3.0	1	1.0		
27.0	42+00.00	Right	4.0	1	1.0		
28.0	44+85.00	Left	3.0	1	1.0		
29.0	44+85.00	Right	4.0	1	1.0		
30.0	46+21.00	Left	3.0	1	1.0		
31.0	46+21.00	Right	4.0	1	1.0		
32.0	47+57.00	Left	3.0	1	1.0		
33.0	47+57.00	Right	4.0	1	1.0		
34.0	48+93.00	Left	4.0	1	1.0		
35.0	48+93.00	Right	4.0	1	1.0		
36.0	50+95.00	Left	4.0	1	1.0		
37.0	50+95.00	Right	3.0	1	1.0		
38.0	53+30.00	Left	4.0	1	1.0		
39.0	53+30.00	Right	4.0	1	1.0		
40.0	56+46.00	Left	4.0	1	1.0		
41.0	56+46.00	Right	3.0	1	1.0		
42.0	59+12.00	Left	4.0	1	1.0		
43.0	59+12.00	Right	4.0	1	1.0		
44.0	59+64.00	Left	10.0	1	1.0		
44.1	59+72.00	Right	8.0	1	1.0		
44.2	60+45.00	Right	4.0	1	1.0		
45.0	61+12.00	Left	5.0	1	1.0		
46.0	61+16.00	Right	5.0	1	1.0		
Total:			247	48	48		

GRATE INTAKE SEDIMENT FILTER BAG Possible Standard Road Plan : EC-604						100_37 4/16/24
Line No.	Location Station	Side	Installation (Each)	Maintenance (Each)	Removal (Each)	Remarks
1.0	34+60.00	Right	1.0	1	1.0	
2.0	60+04.00	Median	1.0	1	1.0	
3.0	60+18.00	Median	1.0	1	1.0	
4.0	60+41.00	Median	1.0	1	1.0	
5.0	60+47.00	Median	1.0	1	1.0	
6.0	60+75.00	Median	1.0	1	1.0	
Total:			6	6	6	

PAVEMENT MARKING LINE TYPES

108_22
11/25/25

Line factors based on 6-inch wide continuous line.
*BCY4 - Place on the same side of the roadway to match existing markings near the project.
**NPY4 - Estimating purposes only. No Passing Zone Lines will be located in the field.
***MNY6 - Factor of 1.00 includes number of 6-inch passes to cover median nose area.

BCY4: Broken Centerline (Yellow) @ 0.17
CBW6: Crosswalk Bar (White) @ 10.00
CLW6: Crosswalk Line (White) @ 2.00
DLW4: Dotted Line (White) @ 0.22
ELW6: Edge Line Right (White) @ 1.00
MNY6: Median Nose (Yellow) @ 1.00
RLY4: Ramp Edge Line Left (Yellow) @ 0.67
SPW4: Sloped Curb 4" (White) @ 2.16
STY6: Standard Curb 6" (Yellow) @ 2.03

BCY6: Broken Centerline (Yellow) @ 0.25
CHW8: Channelizing Line (White) @ 1.33
DCY4: Double Centerline (Yellow) @ 1.34
DLW6: Dotted Line (White) @ 0.33
ELY4: Edge Line Left (Yellow) @ 0.67
NPY4: No Passing Zone Line (Yellow) @ 0.84
RLY6: Ramp Edge Line Left (Yellow) @ 1.00
SPW6: Sloped Curb 6" (White) @ 2.28
YLW2: Yield Line (White) @ 1.15

BLC6: Broken Line Contrast (White/Black) @ 0.50
CHW10: Channelizing Line (White) @ 1.67
DCY6: Double Centerline (Yellow) @ 2.00
DLY4: Dotted Line (Yellow) @ 0.22
ELY6: Edge Line Left (Yellow) @ 1.00
NPY6: No Passing Zone Line (Yellow) @ 1.25
SLW2: Stop Line (White) @ 4.00
SPY4: Sloped Curb 4" (Yellow) @ 2.16

BLW4: Broken Lane Line (White) @ 0.17
CHY8: Channelizing Line (Yellow) @ 1.33
DDY4: Double Dotted Line (Yellow) @ 0.44
DLY6: Dotted Line (Yellow) @ 0.33
LDW8: Lane Drop (White) @ 0.33
RLW4: Ramp Edge Line Right (White) @ 0.67
SLW4: Solid Lane Line (White) @ 0.67
SPY6: Sloped Curb 6" (Yellow) @ 2.28

BLW6: Broken Lane Line (White) @ 0.25
CHY10: Channelizing Line (Yellow) @ 1.67
DDY6: Double Dotted Line (Yellow) @ 0.67
ELW4: Edge Line Right (White) @ 0.67
LDW10: Lane Drop (White) @ 0.42
RLW6: Ramp Edge Line Right (White) @ 1.00
SLW6: Solid Lane Line (White) @ 1.00
STW6: Standard Curb 6" (Yellow) @ 2.03

Line No.	Road ID	Station From	Station To	Lane	Marking Type	Left	Center	Right	Groove Marking Needed?	Groove Qty. (STA)	CBW6 (STA)	CBW6 Factored (STA)	CHY10 (STA)	CHY10 Factored (STA)	DCY6 (STA)	DCY6 Factored (STA)	ELY6 (STA)	ELY6 Factored (STA)	NPY6** (STA)	NPY6** Factored (STA)	SLW6 (STA)	SLW6 Factored (STA)	Remarks
1.0	IA 10	3+75.00	5+97.00	Center	Thermoplastic		X		Yes	11.59			6.94	11.59									
2.0	IA 10	5+97.00	9+80.00	Center	Waterborne/Solvent Paint		X		Yes	10.08					3.83	7.66					2.42	2.42	
3.0	IA 10	9+80.00	18+04.00	Center	Waterborne/Solvent Paint		X		Yes	20.60									16.48	20.60			
4.0	IA 10	9+80.00	18+04.00	All	Thermoplastic	X	X	X	Yes	4.30	0.43	4.30											
5.0	IA 10	18+04.00	23+00.00	Center	Waterborne/Solvent Paint		X		Yes	12.34					4.96	9.92					2.42	2.42	
6.0	IA 10	23+00.00	63+00.00	Center	Waterborne/Solvent Paint		X		Yes	101.26							0.97	0.97	80.00	100.00			
7.0	IA 10	23+00.00	63+00.00	All	Thermoplastic	X	X	X	Yes	3.60	0.36	3.60											
Total:										163.77		7.9		11.59		17.58		0.97		120.6		4.84	

Totals-

Waterborne/Solvent Paint, Factored STA : 144.28

Preformed Thermoplastic Pavement Markings, Factored STA : 19.49

Grooves Cut for Pavement Markings, Factored STA : 163.77

PAVEMENT MARKING SYMBOLS AND LEGENDS							108 29 4/15/25
Refer to PM-111							
Line No.	Roadway Identification	Station	Side	Pavement Symbol	Quantity (EA)	Groove Marking Needed?	Remarks
1.0	US 18	4+35.00	Median	LTAW	30	Yes	Thermoplastic
2.0	US 18	4+35.00	Median	ONLW	4	Yes	Thermoplastic
Total:					34		

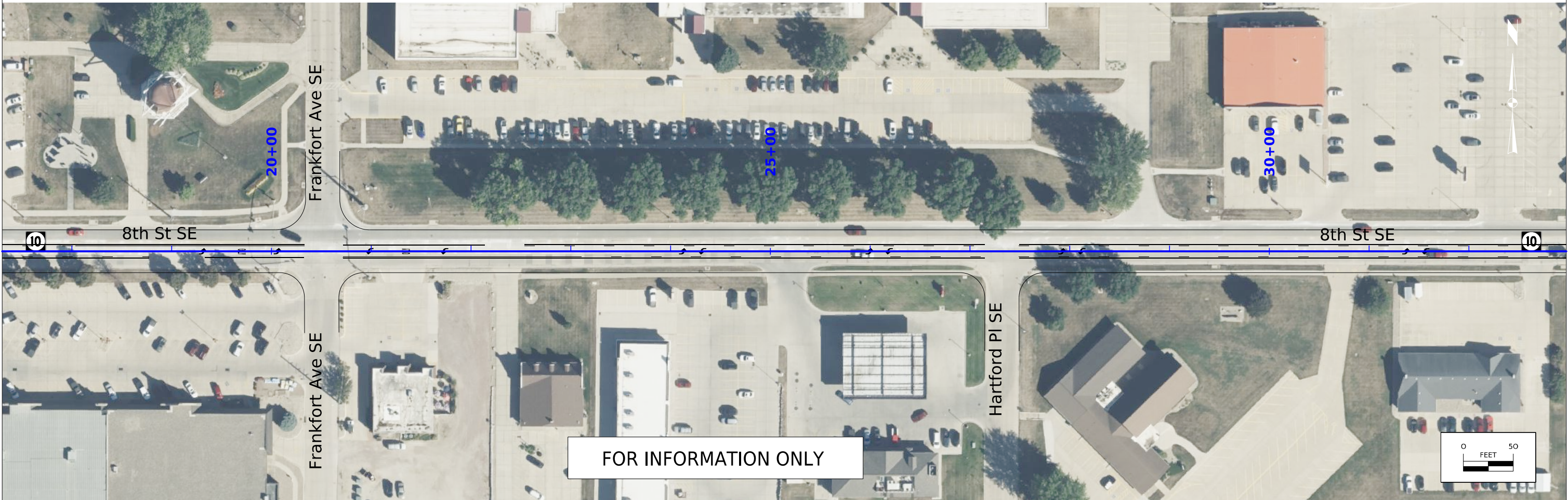
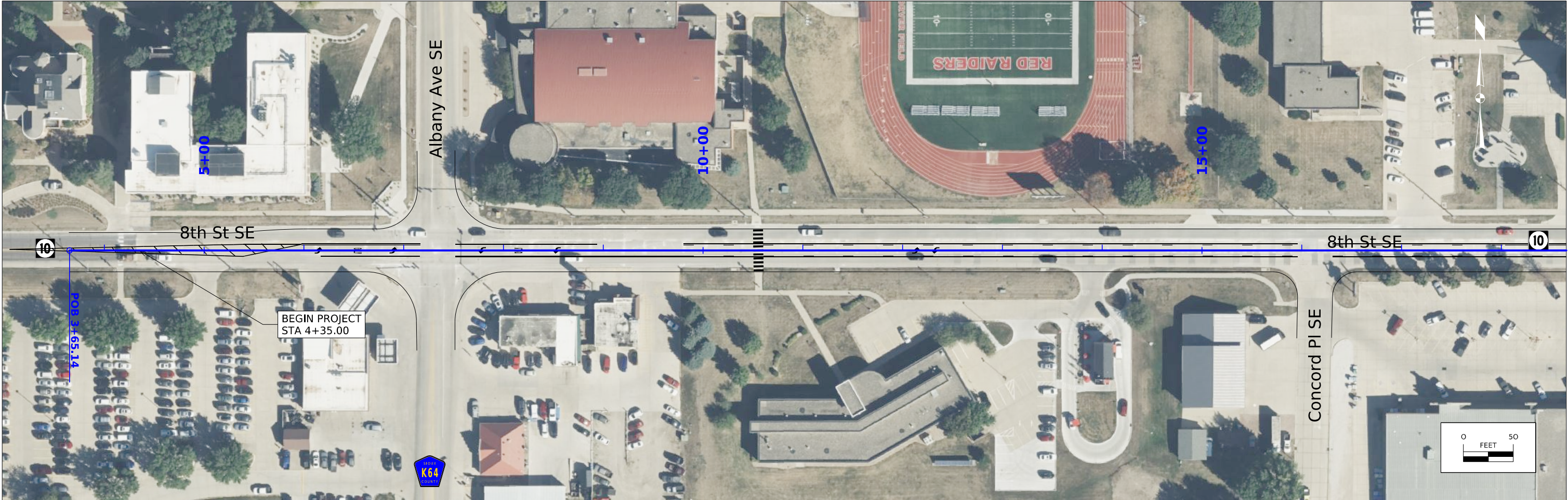
262_06
9/28/22

UTILITIES (NOT A POINT 25 PROJECT)

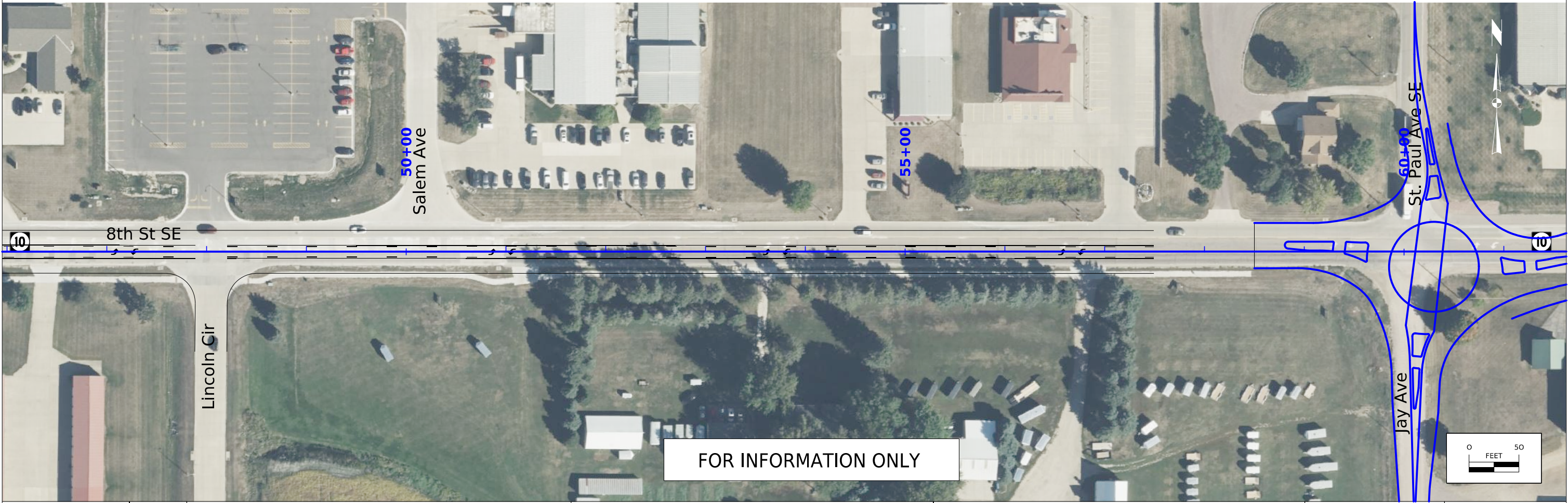
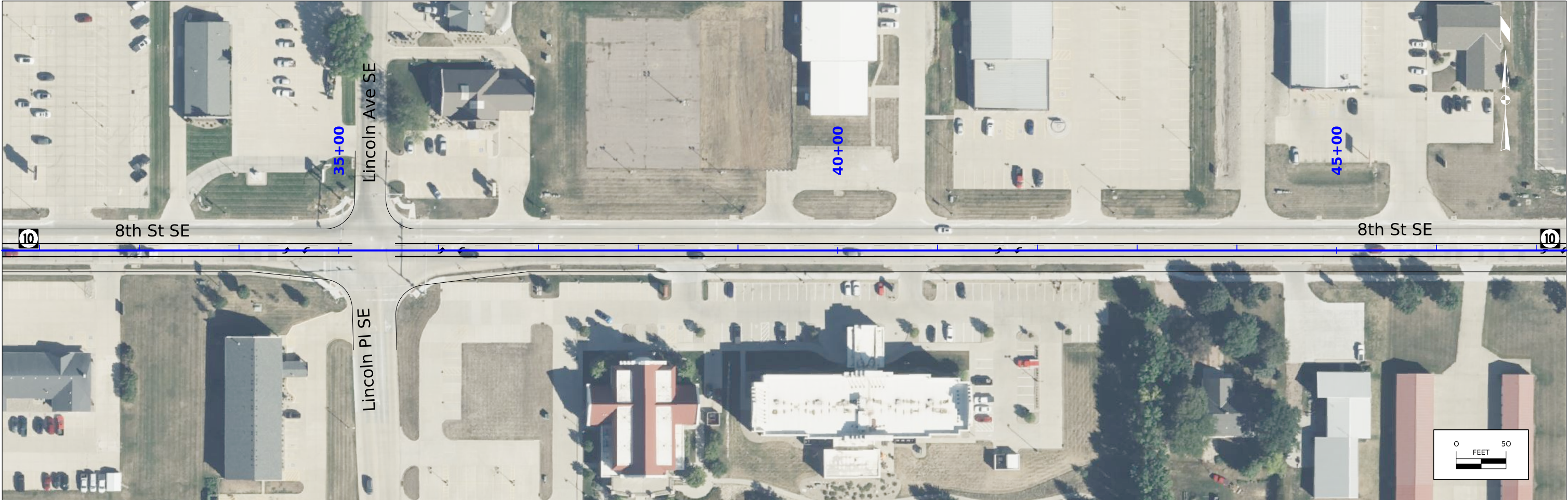
This is NOT a POINT 25 project and is not subject to the provisions of IAC 761-115.25.

108_23A 8/15/22
TRAFFIC CONTROL PLAN
1. Through traffic will be maintained on the project at all times.
2. Traffic control on this project shall be found in accordance with the TC series of Standard Road Plans found in Tabulation 105-4 and/or appropriate Detail Sheets included in the plans. For additional complementary information, refer to part VI of the Manual on Uniform Traffic Control Devices and the current Standard Specifications.
3. The contractor shall coordinate traffic control with other projects in the area.

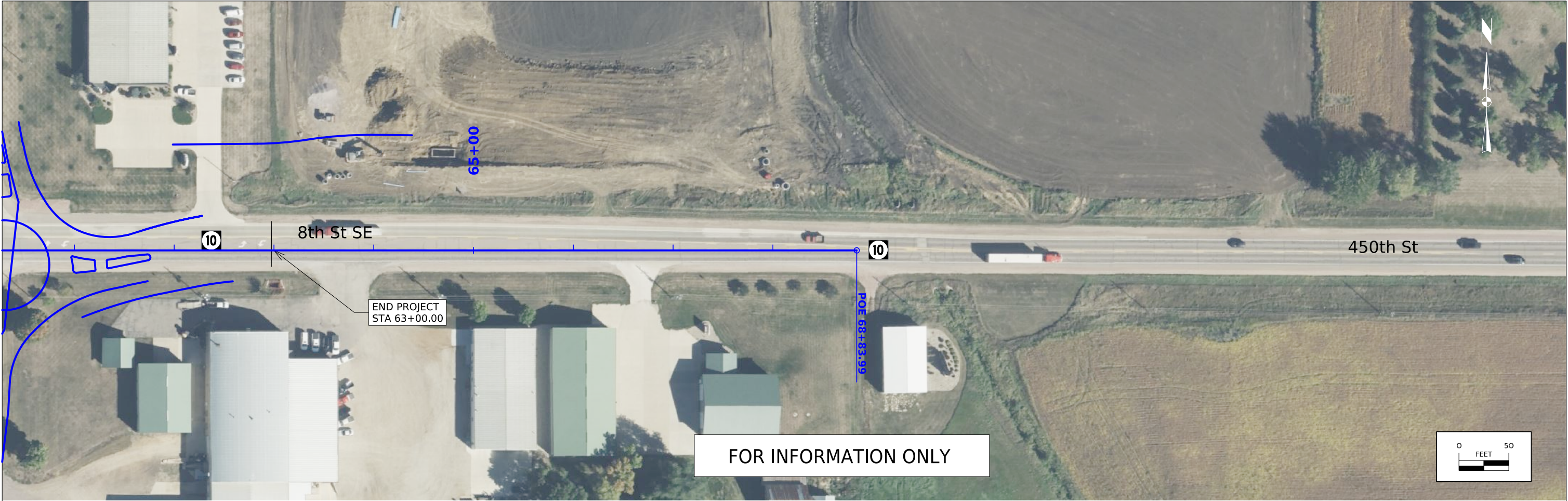
511 TRAVEL RESTRICTIONS													108_25 3/28/24
Line No.	Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No. or Structure ID or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
1.0	IA 10	EB	Sioux	W of Albany Ave E to Jay Ave	N/A	Traffic Control Device		Horizontal	N/A	31	N/A	N/A	

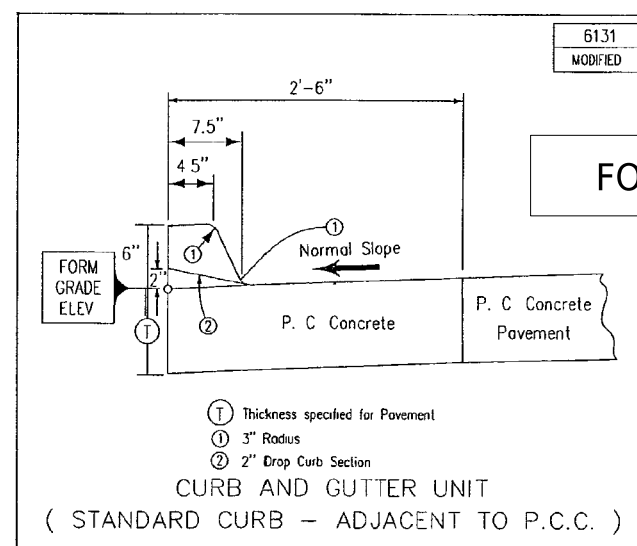
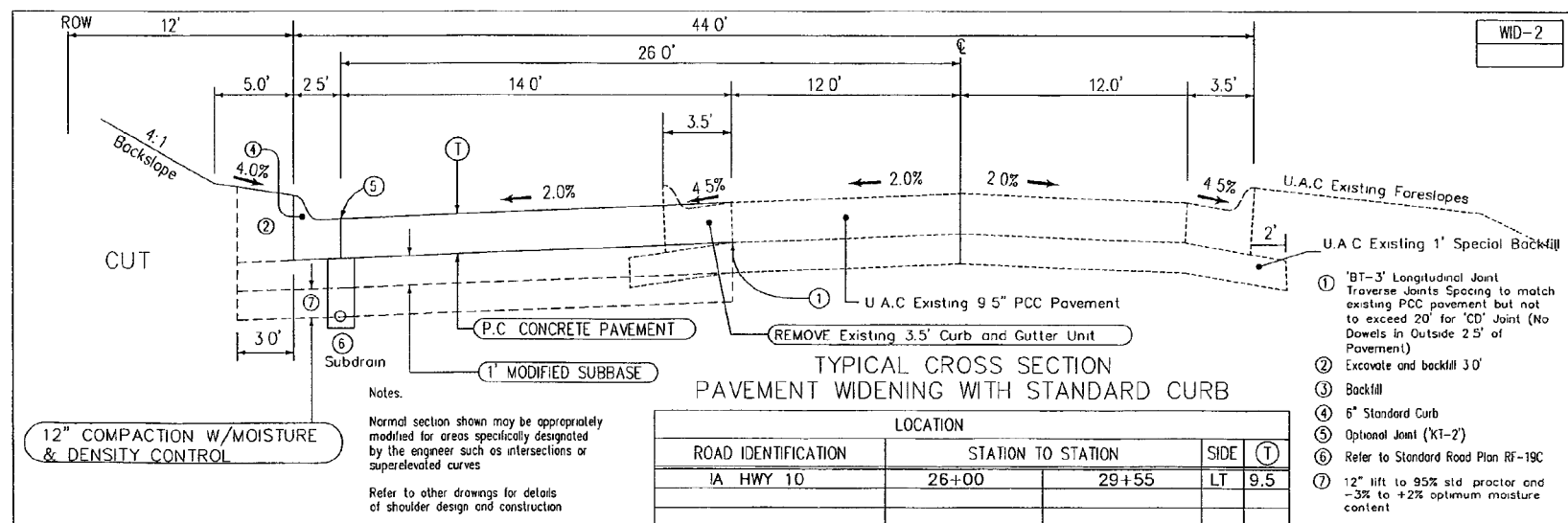
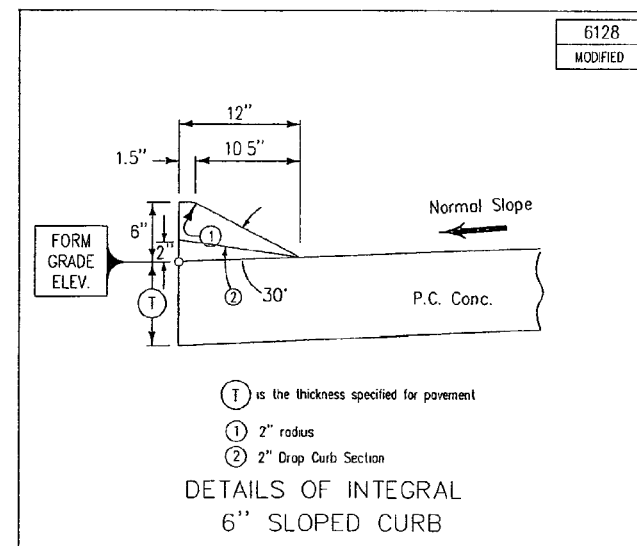
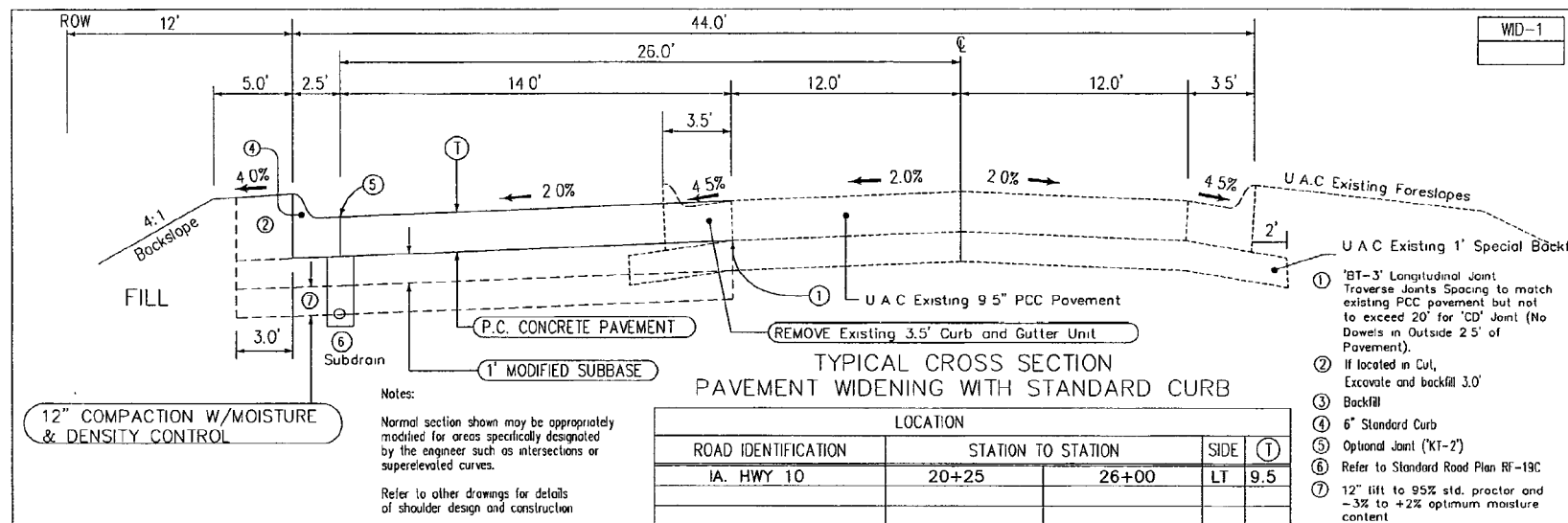
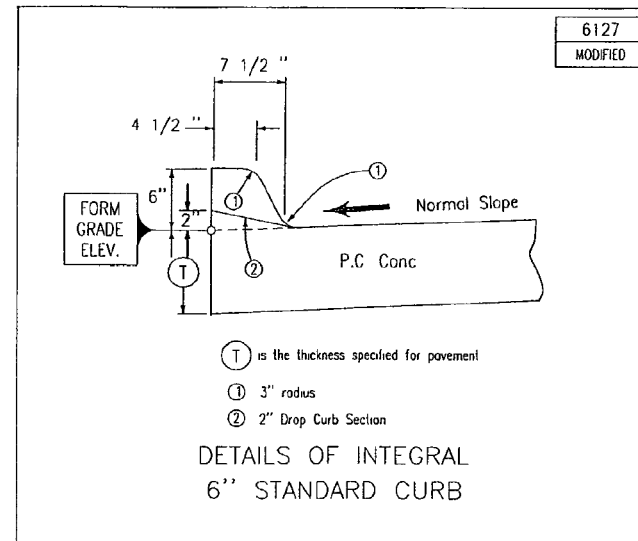
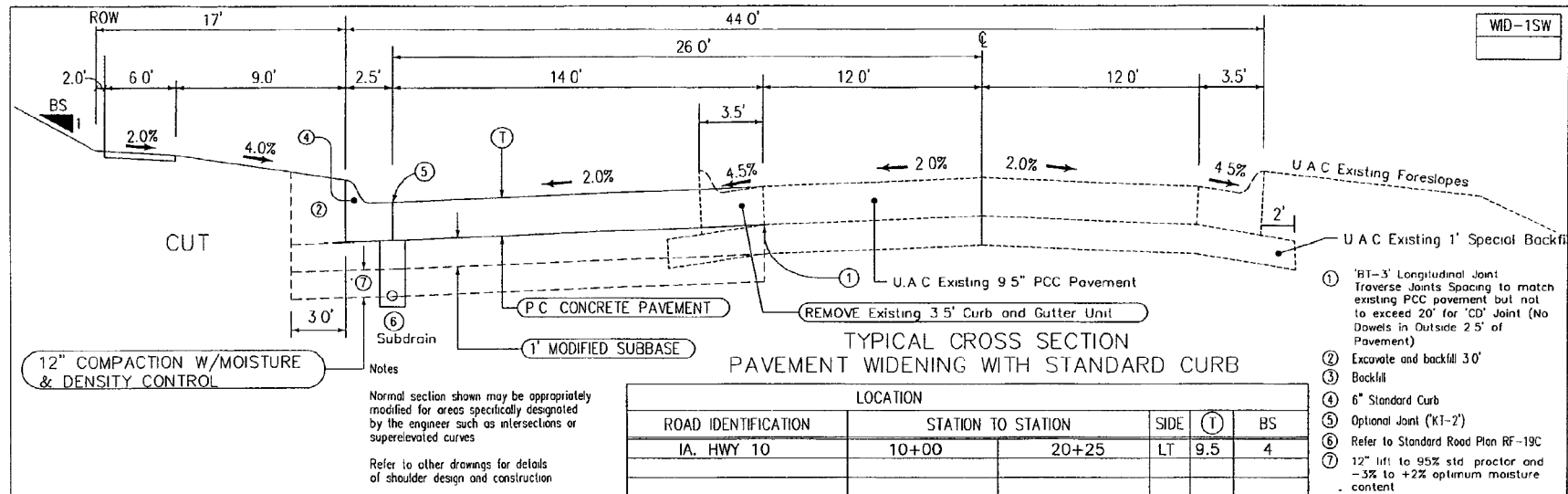


FILE NO.	ENGLISH	DESIGN TEAM	DISTRICT 3	SIoux COUNTY	PROJECT NUMBER	STP-010-1(098)--2C-84	SHEET NUMBER	RR.1
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FILE NO.	ENGLISH	DESIGN TEAM	DISTRICT 3	SIoux COUNTY	PROJECT NUMBER	STP-010-1(098)--2C-84	SHEET NUMBER	RR.2
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FOR INFORMATION ONLY

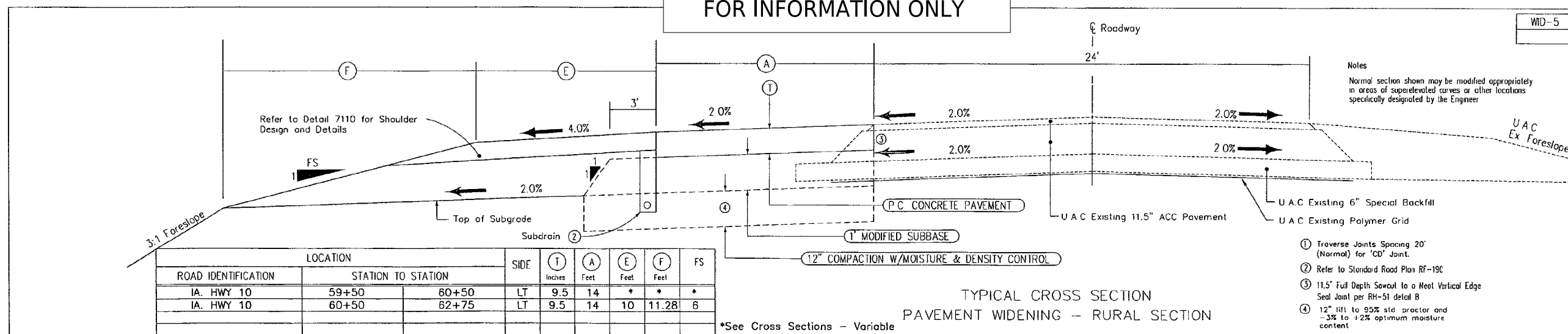
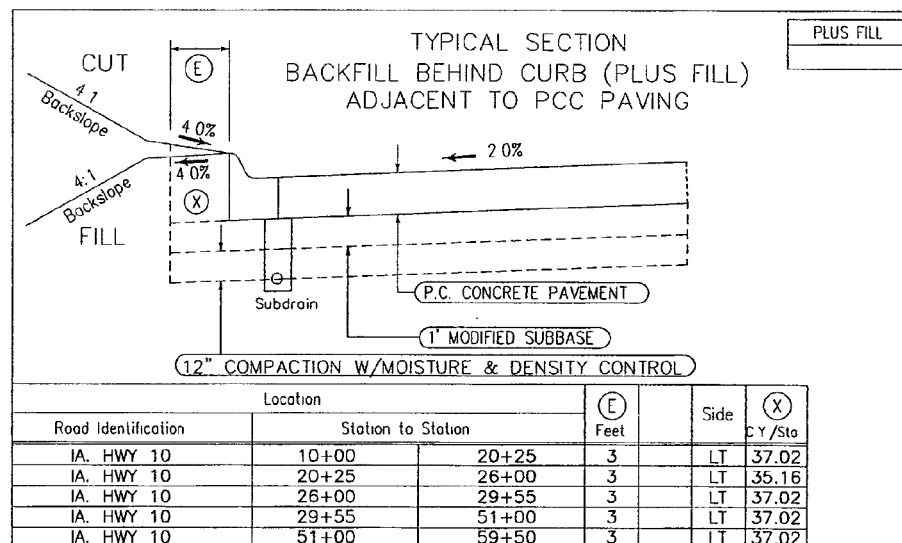
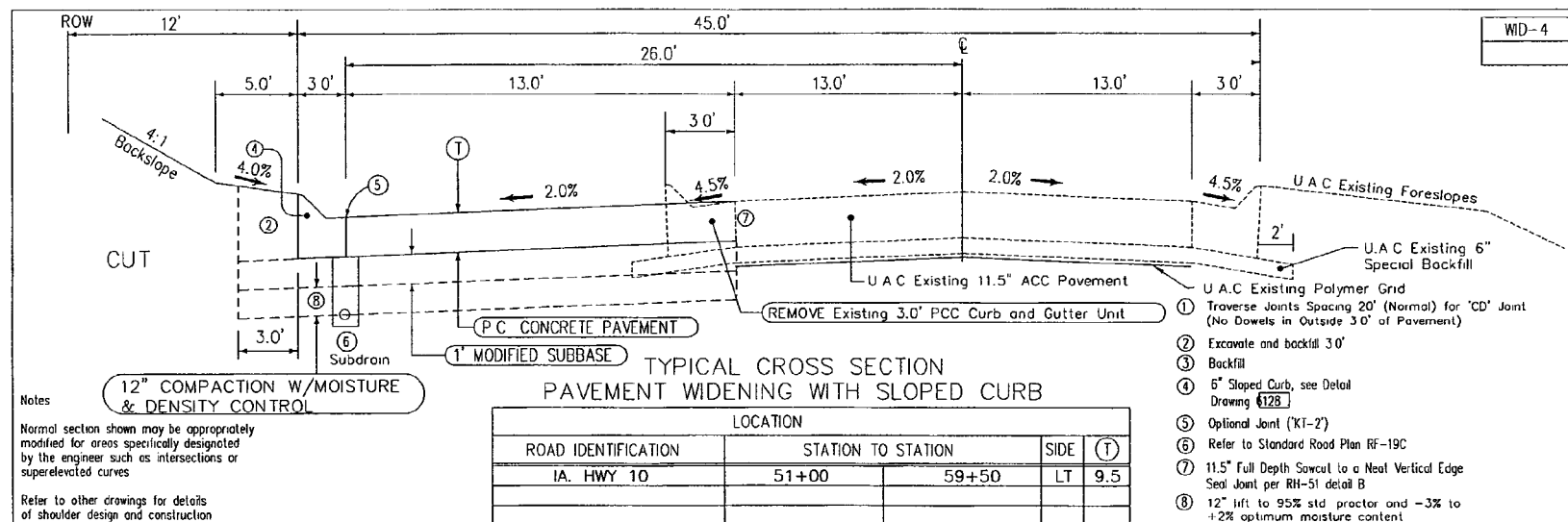
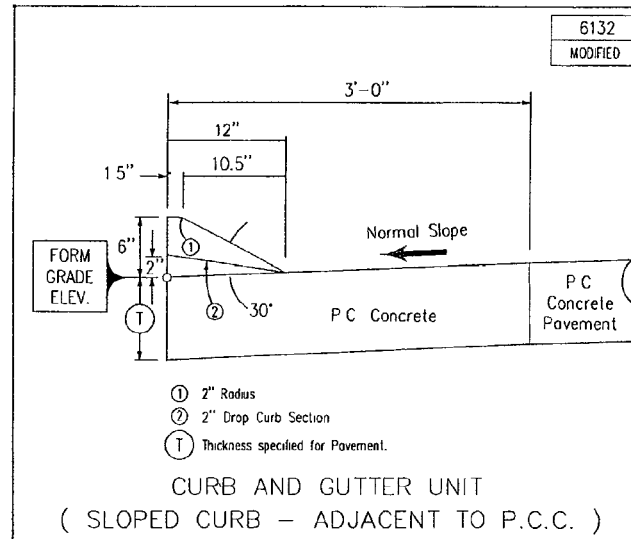
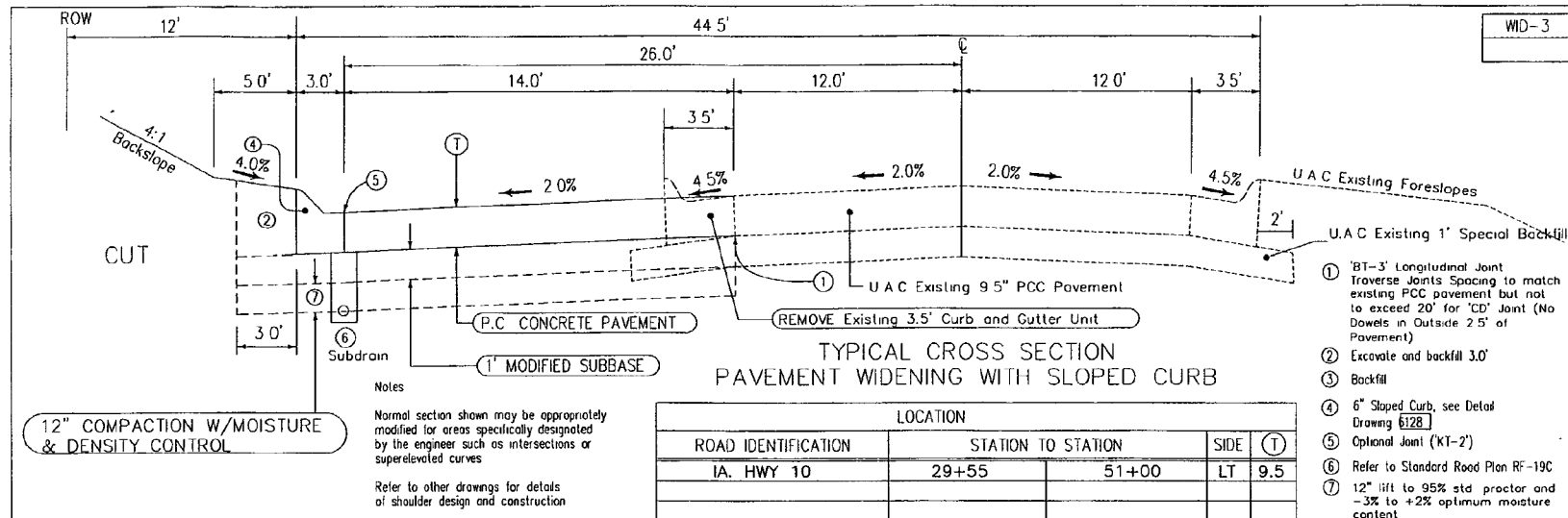
DESIGN TEAM

IOWA DOT/DEWILD GRANT RECKERT AND ASSOC. CO. - PROJECT NO. 254067

SIoux COUNTY

PROJECT NO. STP-U-5732(605)--70-84

SHEET NO. B.01

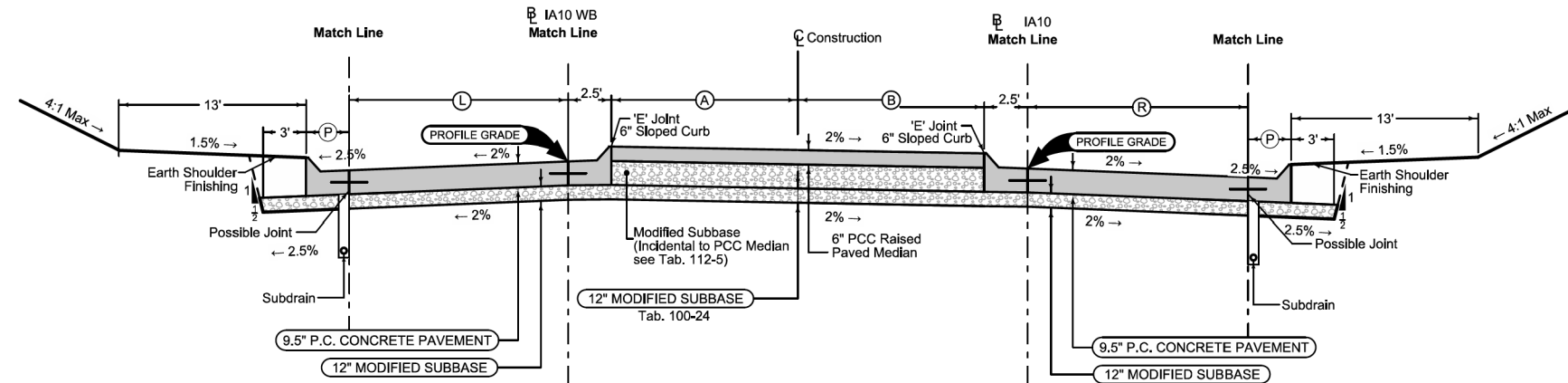


Curbed Shoulder

Shoulder Jointing:
Longitudinal joint not required when distance from back of
curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

2_Curb_04-21-20			
STATION TO STATION		P Feet	Curb Type See PV-102
1158+50.00	1159+72.71	2.5	6" Sloped
1160+94.98	1162+37.11	2.5	6" Sloped



Mainline Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

BEGIN STATION	END STATION	L Feet
1158+50.00	1159+72.71	Vari. (14-18)
1160+94.98	1162+97.45	Vari. (18-12)

Median

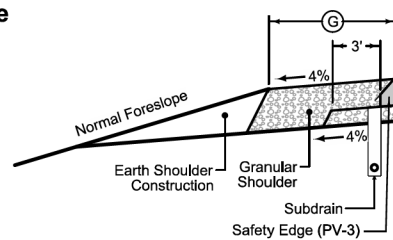
4DP_Raised_Out_04-21-20			
BEGIN STATION	END STATION	A Feet	B Feet
158+78.00	159+67.46	Vari.	Vari.
160+96.69	161+85.00	Vari.	Vari.

Mainline Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

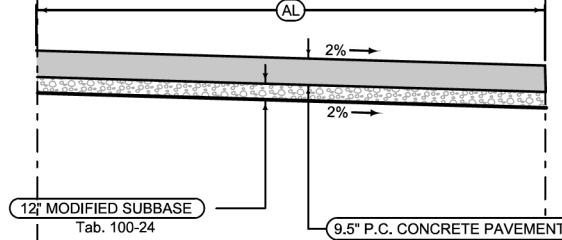
BEGIN STATION	END STATION	R Feet
158+50.00	159+67.46	Vari. (12-18)
160+96.69	163+00.00	Vari. (18-12)

Granular Shoulder with Safety Edge

2_G_04-21-20		
STATION TO STATION		G Feet
1162+37.11	1162+97.45	10



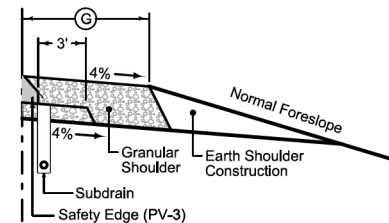
Mainline paving



Median Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

STATION TO STATION			AL Feet
158+50.00	158+78.00		14
161+85.00	163+00.00		14

Mainline paving



Granular Shoulder with Safety Edge

2_G_04-21-20		
STATION TO STATION		G Feet
161+50.00	163+00.00	10

FOR INFORMATION ONLY

See Tab 100-24 or 100-25 for pavement quantities.
See Tab 112-9 for shoulder quantities.

IA 10

FILE NO.	ENGLISH	DESIGN TEAM Strum / Schrock / Janus	SIoux COUNTY	PROJECT NUMBER H5IPX-010-1(87)--3L-84	SHEET NUMBER B.1
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FILE NO.	ENGLISH	DESIGN TEAM DISTRICT 3	SIoux COUNTY	PROJECT NUMBER STP-010-1(098)--2C-84	SHEET NUMBER U.3
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Curbed Shoulder

Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

2_Curb_04-21-20			
STATION TO STATION		(P) Feet	Curb Type See PV-102
2057+16.80	2057+34.00	6.75-2.5	6" Standard
3057+34.00	2058+82.87	2.5	6" Standard
2058+82.87	2058+87.87	2.5	6" Transition
2058+87.87	2059+36.88	2.5	6" Sloped
3060+60.30	2061+33.43	2.5	6" Sloped

Granular Shoulder

2_G_SR_04-21-20		
STATION TO STATION		(G) Feet
3061+33.43	3062+72.45	3

Curbed Shoulder

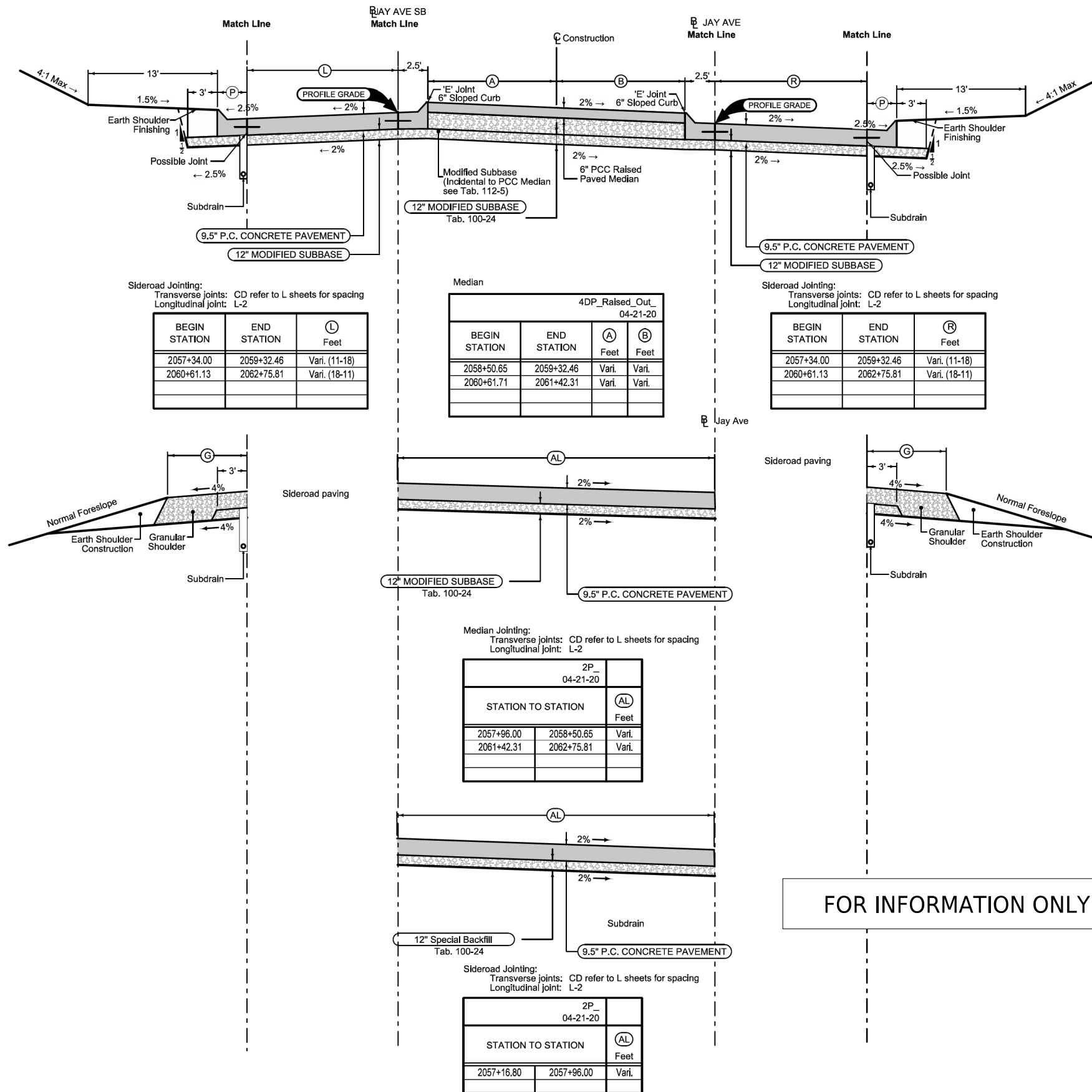
Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

2_Curb_04-21-20			
STATION TO STATION		(P) Feet	Curb Type See PV-102
2057+16.80	2057+34.00	6.75-2.5	6" Standard
2057+34.00	2058+73.50	2.5	6" Standard
2058+73.50	2058+78.50	2.5	6" transition
2058+78.50	2059+32.46	2.5	6" Sloped
2060+61.13	2061+15.40	2.5	6" Sloped

Granular Shoulder

2_G_SR_04-21-20		
STATION TO STATION		(G) Feet
2061+15.40	2062+75.81	3



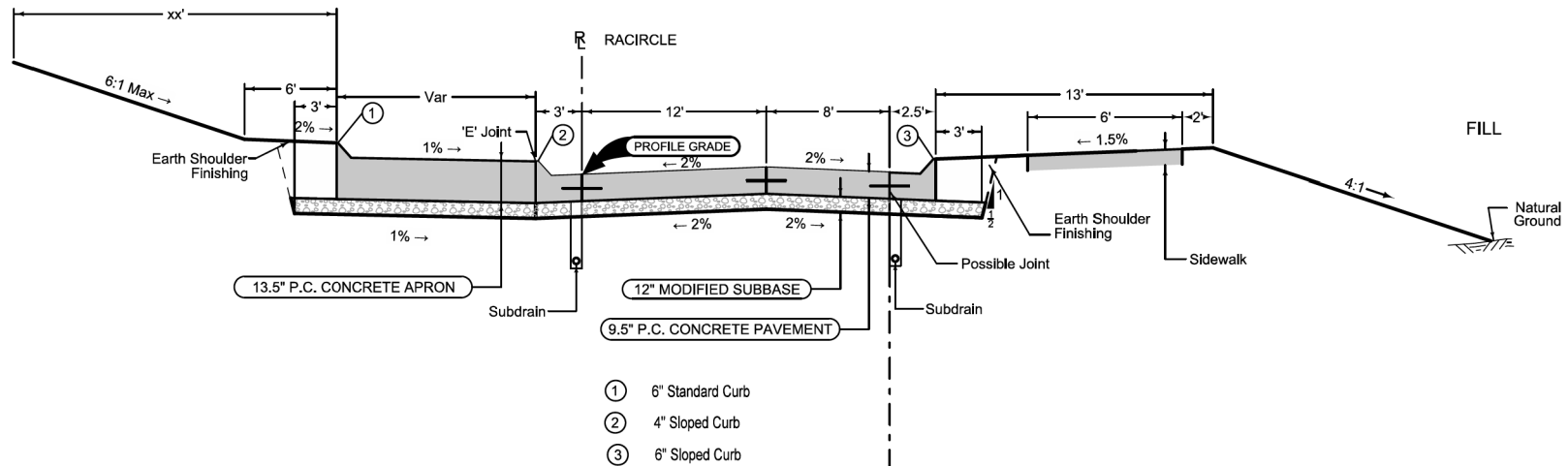
FOR INFORMATION ONLY

See Tab 100-24 or 100-25 for pavement quantities.
See Tab 112-9 for shoulder quantities.

Jay Ave, St Paul Ave

FILE NO.	ENGLISH	DESIGN TEAM Holst \ Strum \ Schrock	SIoux COUNTY	PROJECT NUMBER H5IPX-010-1(87)--3L-84	SHEET NUMBER B,2
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LOCATION		
ROAD IDENTIFICATION	STATION TO STATION	
RACIRCLE	0+00.00	2+82.74

Note: See 'L' Sheets for Jointing Layout

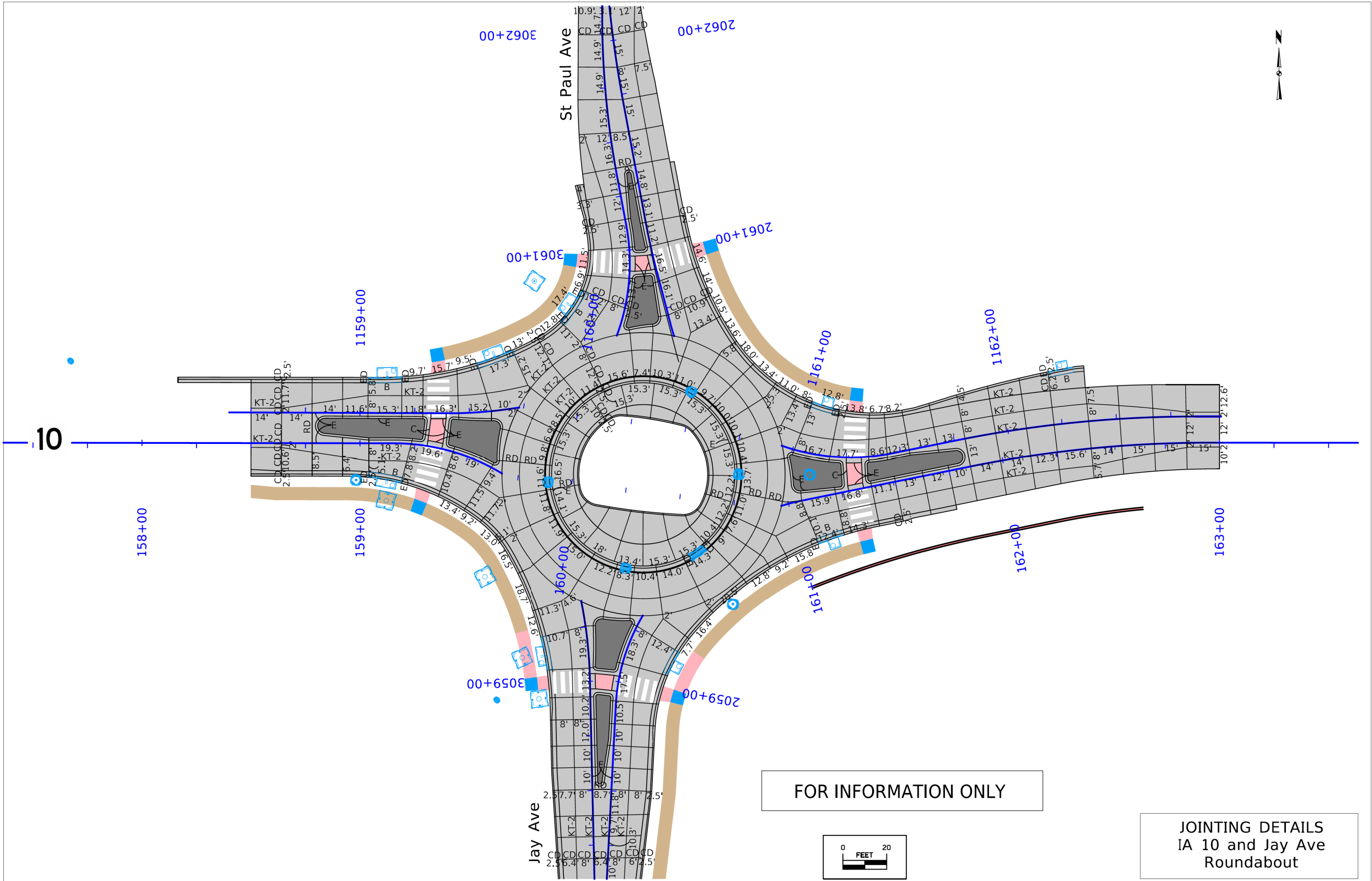
FOR INFORMATION ONLY

See Tab 100-24 or 100-25 for pavement quantities.
See Tab 112-9 for shoulder quantities.

Roundabout

FILE NO.	ENGLISH	DESIGN TEAM Holst \ Strum \ Schrock	SIoux COUNTY	PROJECT NUMBER H5IPX-010-1(87)--3L-84	SHEET NUMBER B.3	
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FILE NO.	ENGLISH	DESIGN TEAM DISTRICT 3	SIoux COUNTY	PROJECT NUMBER STP-010-1(098)--2C-84	SHEET NUMBER U.5	
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FILE NO.	ENGLISH	DESIGN TEAM	Strum / Schrock / Janus	SIoux COUNTY	PROJECT NUMBER	H5IPX-010-1(87)--3L-84	SHEET NUMBER	L.8
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