

PROJECT TRAFFIC CONTROL PLAN
THIS PROJECT WILL BE OPEN TO THROUGH TRAFFIC DURING CONSTRUCTION

A U.S. ARMY CORPS OF ENGINEERS NATIONWIDE PERMIT IS NOT REQUIRED FOR THIS PROJECT
AN IOWA DNR FLOOD PLAIN PERMIT IS NOT REQUIRED FOR THIS PROJECT
NPDES PERMIT IS NOT REQUIRED FOR THIS PROJECT

UTILITY CONTACTS			
ALLIANT ENERGY	Alliant Energy Field Engineer	800-255-4268	locate_IPI@alliantenergy.com
CLEAR LAKE INDEPENDENT TEL	Brad Emerson	641-355-2113	brademerson@clitel.com
WINDSTREAM ENTERPRISE	CLEC Locate Desk	800-941-3430	wsl.clec.locate@windstream.com
CENTURYLINK	Sadie Hull	918-547-0147	sadie.hull@umen.com
IOWA COMMUNICATIONS NETWORK	Dave Auspurger	515-725-4604	icnoutelephant@iowanet.com
IOWA DOT TOB FIBER	Dave Auspurger	515-725-4604	icnoutelephant@iowanet.com
MASON CITY WATER DEPARTMENT	Don Thorson	641-421-3683	pnecall@masoncity.net
NORTHERN NATURAL GAS COMPANY	Dan Cooke	402-530-3264	dan.cooke@nngco.com
BLACK HILLS ENERGY WEB CTY	Chuck Woods	515-343-2037	chuck.woods@blackhillsacorp.com
ROCKWELL COOPERATIVE TELEPHONE	David Severin	641-822-3211	rockwell@netline.net
MASON CITY SEWER	Steven Olney	641-421-3605	ONECALLMCS@MASONCITY.NET
IOWA DEPARTMENT OF TRANSPORTAT	Michelle Smith	641-394-5634	michelle.smith@iowadot.us

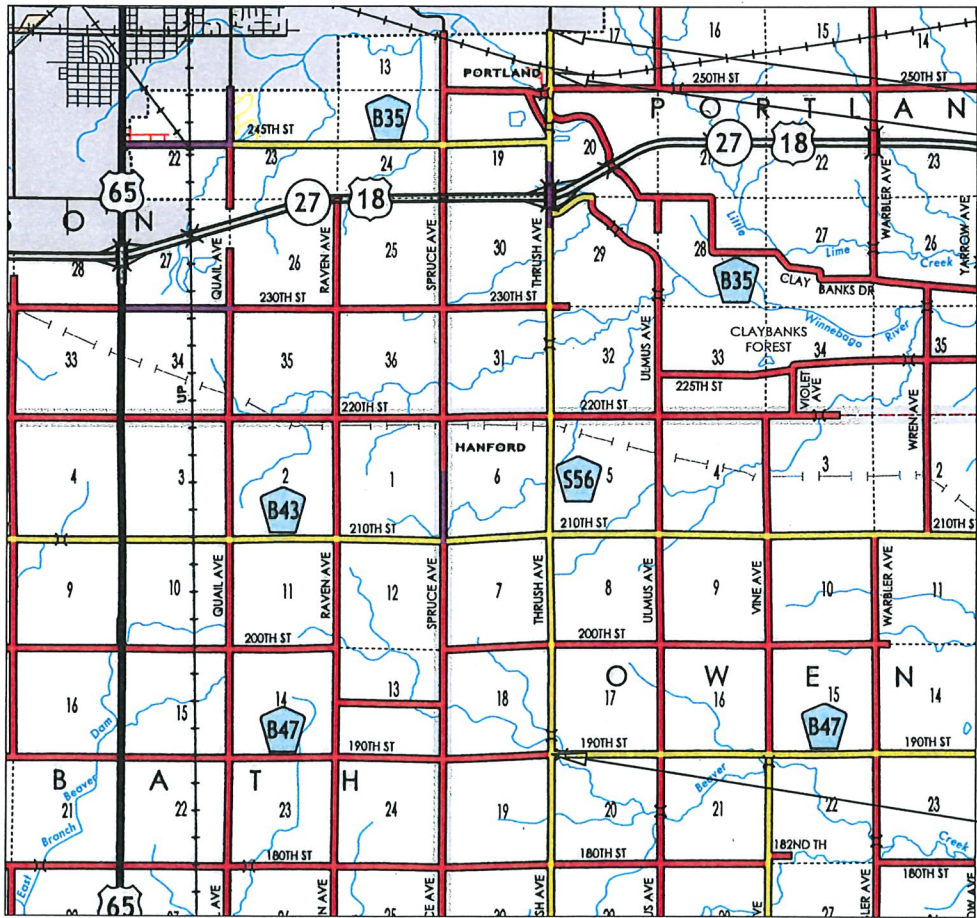
IOWA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION
PLANS OF PROPOSED IMPROVEMENT ON THE
FARM TO MARKET SYSTEM

CERRO GORDO COUNTY
HMA RESURFACING/ COLD IN PLACE RECYCLING
PROJECT NO. STP-S-C017(126)--5E-17

ON S56, FROM B47 NORTH TO MASON CITY CITY LIMITS

SCALES: AS NOTED

REFER TO THE PROPOSAL FORM FOR LIST OF APPLICABLE SPECIFICATIONS.
STANDARD ROAD PLANS ARE LISTED ON SHEET C.1



BOP 0+00



Date:

Carl Ginapp

Casey Callanan

Chris Watts

Approved Board of Supervisors

Project No. STP-S-C017(126)--5E-17

INDEX OF SHEETS		Total- 7
No.	Description	
A.1	TITLE SHEET	
B.1- B.4	TYPICAL CROSS SECTIONS AND DETAILS	
C.1- C.2	ESTIMATE OF QUANTITIES, NOTES AND TABULATIONS	

MILEAGE SUMMARY			
Div.	Location	Lin.Ft.	Miles
	MAINLINE--STA 2+17 TO 349+18	34,701	
	DEDUCT PCC, BRIDGE AND APPROACH 256+29 TO 285+79	-2,950	
	DEDUCT PCC, BRIDGE AND APPROACH 301+87 TO 305+45	-358	
	DEDUCT RAILROAD 331+88 TO 332+23	-35	
	TOTAL NET LENGTH	31,358	5.94

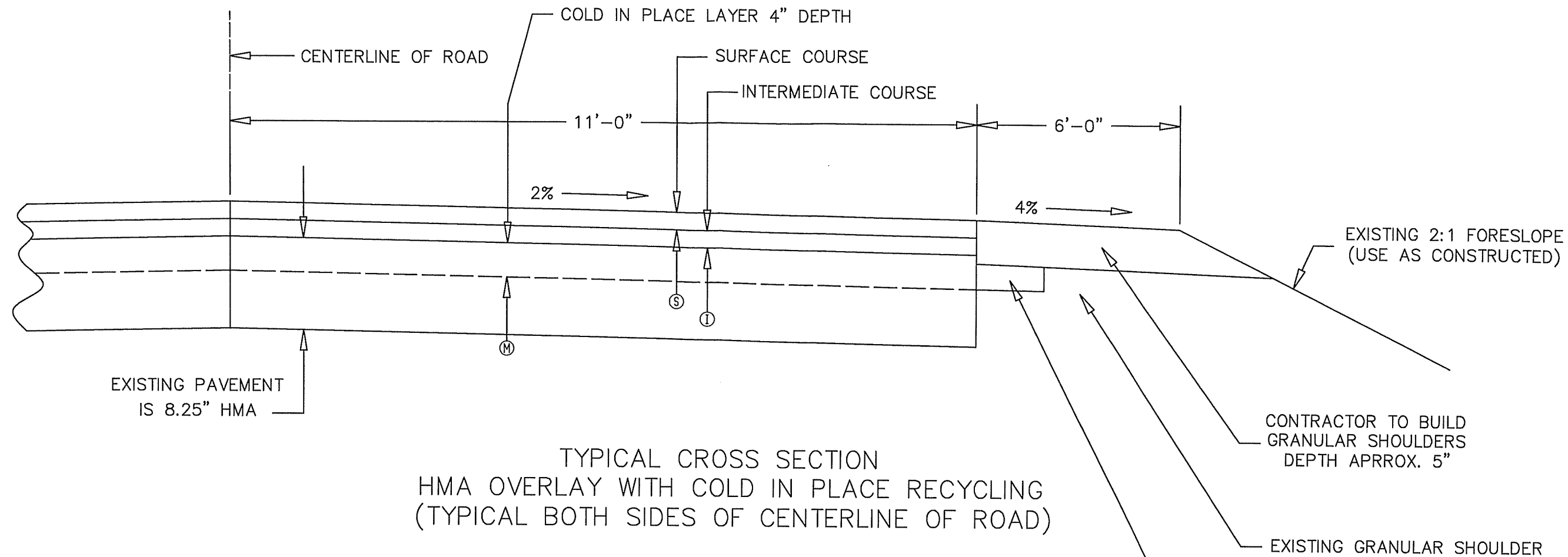
I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.

Brandon Billings, P.E. License No. 23464 Date 5-18-2026

My license renewal date is December 31, 2027

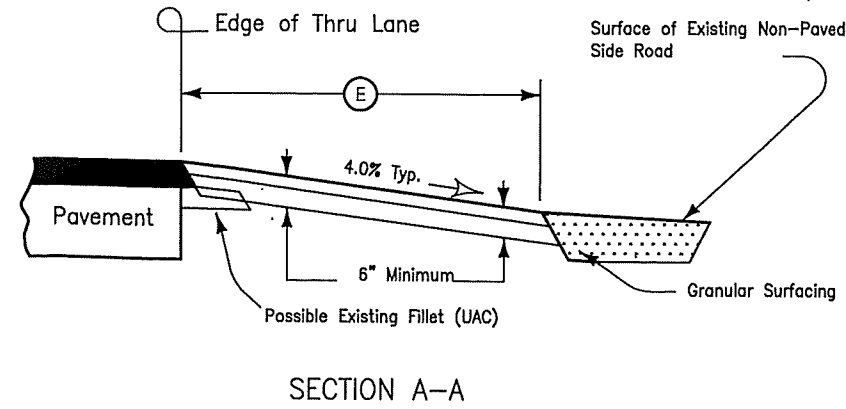
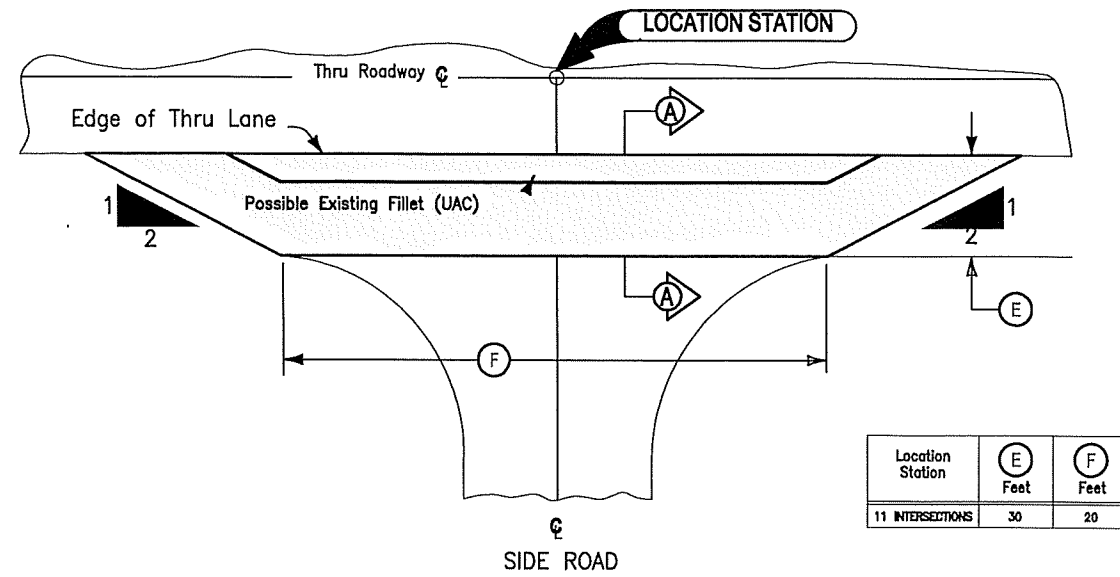
Pages or sheets covered by this seal:
Sheets Nos. ALL

CERRO GORDO COUNTY
STP-S-C017(126)--5E-17
HMA RESURFACING/COLD IN PLACE RECYCLING
ON S56, FROM B47 NORTH TO MASON CITY CITY LIMITS



TYPICAL CROSS SECTION
HMA OVERLAY WITH COLD IN PLACE RECYCLING
(TYPICAL BOTH SIDES OF CENTERLINE OF ROAD)

Location			Design Quantities Per Station					Remarks	CIP SY'S
Road Identification	Station To Station		⑤ Inches	⑥ Inches	⑦ Inches	⑧ Feet	⑨ Feet		
S56	2+17	256+29	1.5	1.5	4	11	11	DEDUCT RUNOUTS	61,387
S56	285+79	301+87	1.5	1.5	4	11	11	DEDUCT RUNOUTS	3,195
S56	305+45	331+88	1.5	1.5	4	11	11	DEDUCT RUNOUTS	5,730
S56	332+23	349+18	1.5	1.5	4	11	11	DEDUCT RUNOUTS	3,410



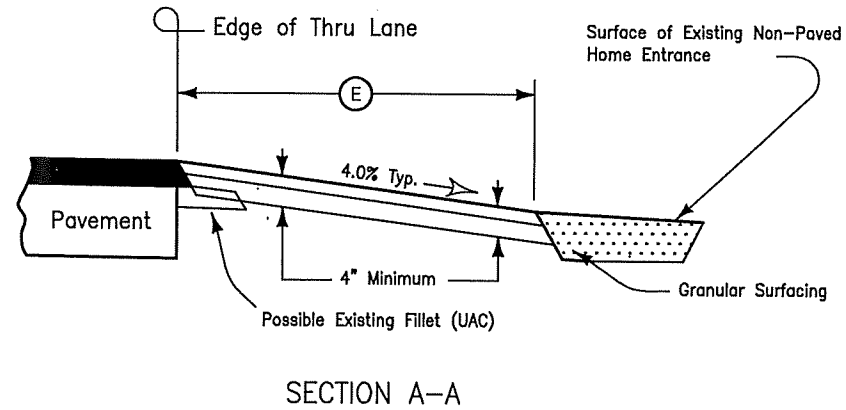
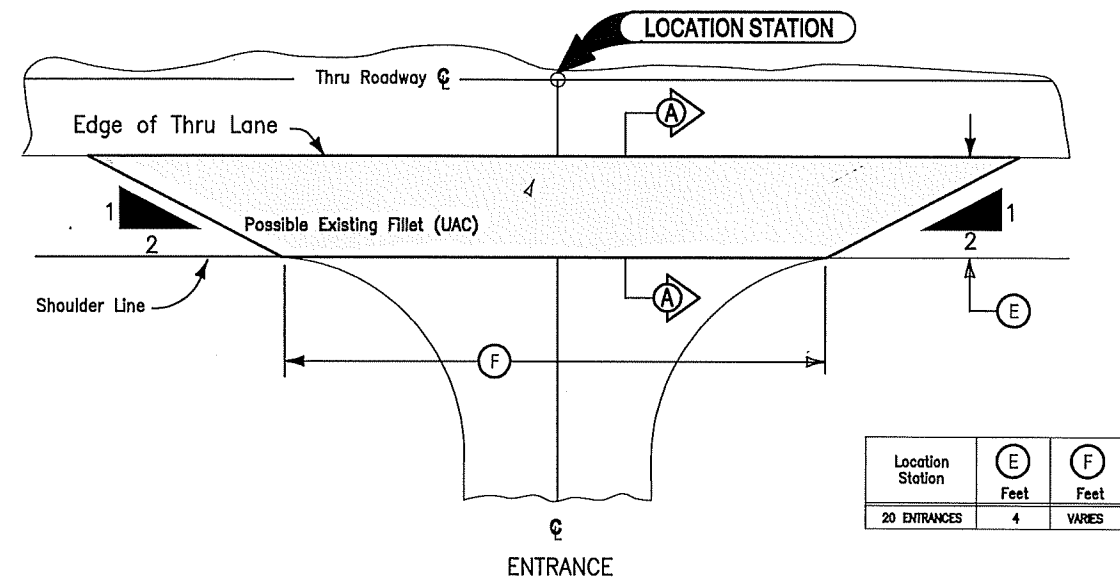
FILLET FOR NON-PAVED SIDE ROADS

7149
MODIFIED

NOTE:
CONSTRUCT USING STANDARD TRAFFIC HMA, 1/2" MIX. QUANTITIES FOR FILLETS ARE INCLUDED IN MAINLINE ITEMS.

EXISTING FILLET WILL BE MILLED 1" PRIOR TO RESURFACING. QUANTITIES OF MILLING ARE INCLUDED IN PAVEMENT SCARIFICATION ITEM. FILLETS SHALL BE CONSTRUCTED IN TWO LIFTS.

UNIFORM THICKNESS FILLETS OF HMA SHALL BE CONSTRUCTED AT NON-PAVED SIDE ROADS. FILLET SIZES AS SHOWN ARE RECOMMENDED AND SHALL BE USED FOR DESIGN AND ESTIMATING PURPOSES. THE ENGINEER SHALL ESTABLISH THE SIZE OF EACH INDIVIDUAL FILLET TO ACCOMMODATE CONDITIONS AT THE SITE.



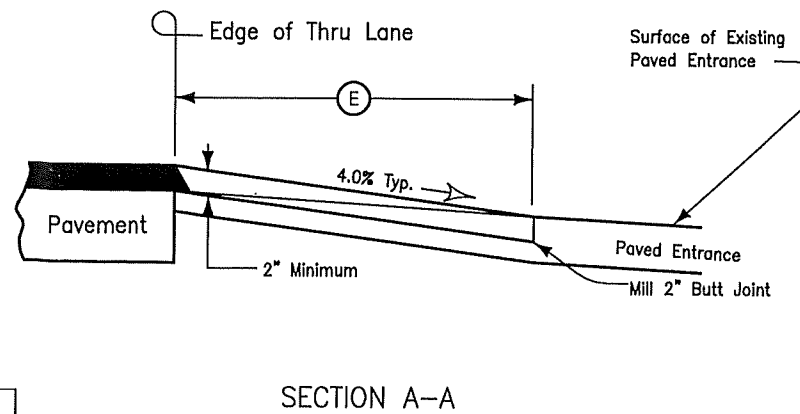
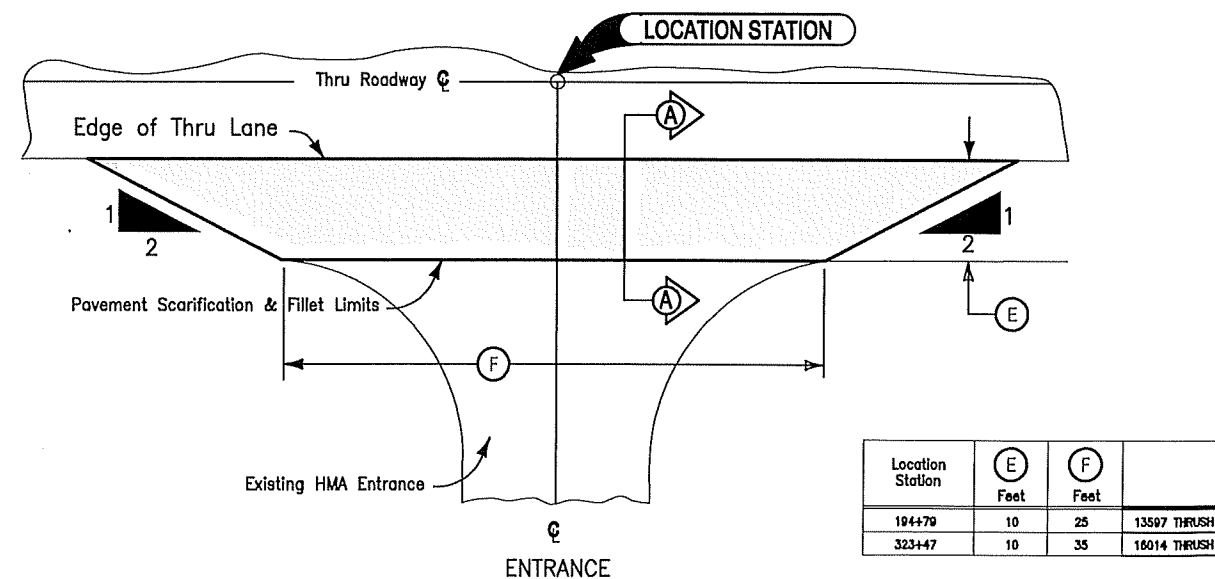
FILLET FOR NON-PAVED HOME ENTRANCES

7148
MODIFIED

NOTE:
CONSTRUCT USING STANDARD TRAFFIC HMA, 1/2" MIX. QUANTITIES FOR FILLETS ARE INCLUDED IN MAINLINE ITEMS.

FILLET WILL BE MILLED 1" PRIOR TO RESURFACING. QUANTITIES OF MILLING ARE INCLUDED IN PAVEMENT SCARIFICATION ITEM.

SPECIAL SHAPING OF EXISTING SURFACE PRIOR TO PLACEMENT OF FILLET MAY BE REQUIRED BY THE ENGINEER AND IS INCIDENTAL TO OTHER WORK ON THE PROJECT.

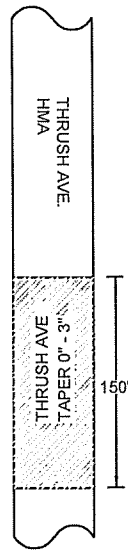


FILLET FOR PAVED HOME ENTRANCES

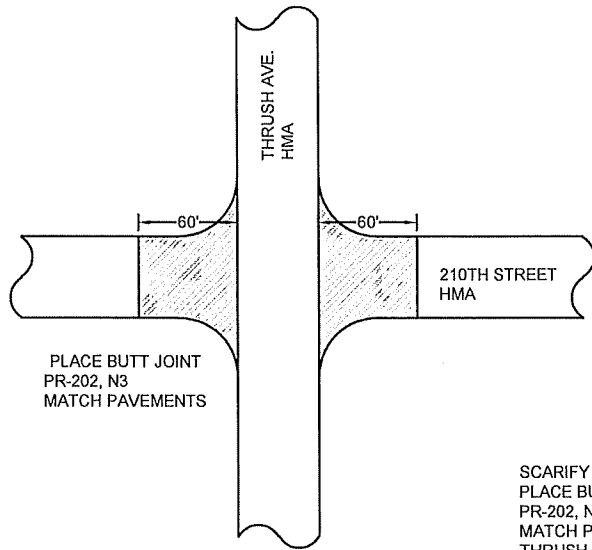
7148
MODIFIED

NOTE:
CONSTRUCT USING STANDARD TRAFFIC HMA, 1/2" MIX. QUANTITIES FOR FILLETS ARE INCLUDED IN MAINLINE ITEMS.

FILLET WILL BE MILLED 1" PRIOR TO RESURFACING. QUANTITIES OF MILLING ARE INCLUDED IN PAVEMENT SCARIFICATION ITEM.

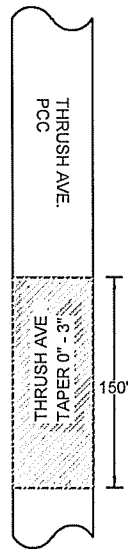


2+17

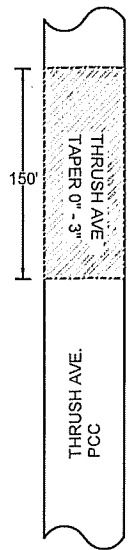


106+41

SCARIFY 0" - 3"
PLACE BUTT JOINT
PR-202, N3
MATCH PCC PAVEMENT ON
THRUSH

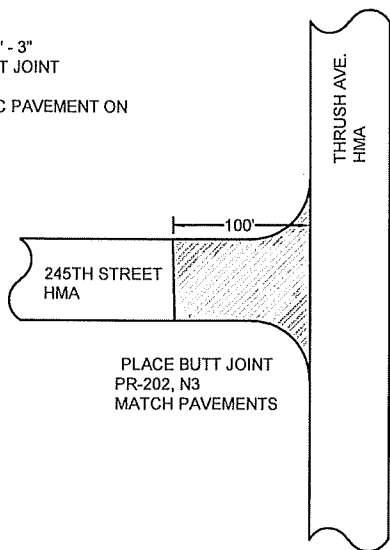


254+79

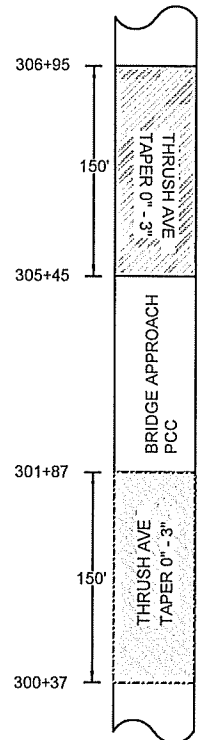


285+79

SCARIFY 0" - 3"
PLACE BUTT JOINT
PR-202, N3
MATCH PCC PAVEMENT ON
THRUSH

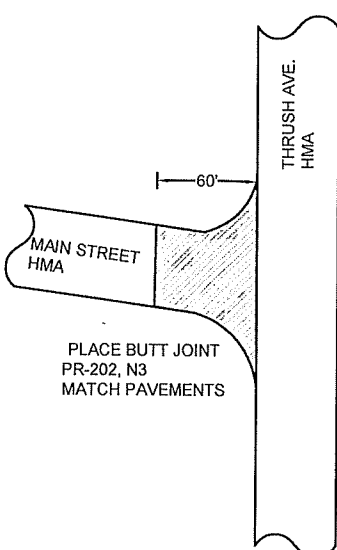


296+22

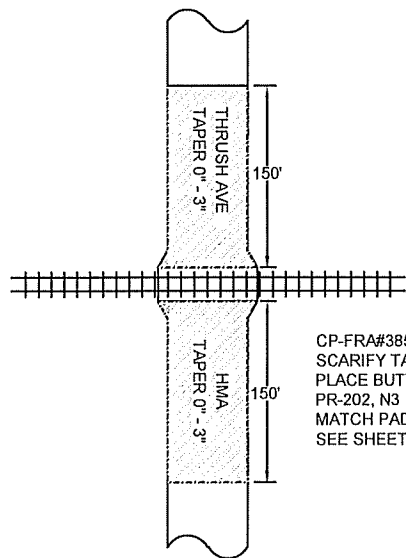


BRIDGE
303+40

SCARIFY 0" - 3"
PLACE BUTT JOINT
PR-202, N3
MATCH PCC PAVEMENT ON
THRUSH

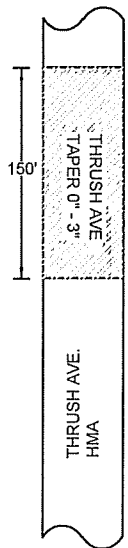


329+89



332+07

CP-FRA#385471D
SCARIFY TAPER FROM 0" - 3"
PLACE BUTT JOINT
PR-202, N3
MATCH PAD AT RAILROAD CROSSING
SEE SHEET B4 FOR ROW DETAILS



347+68

PAVEMENT SCARIFICATION TABULATION

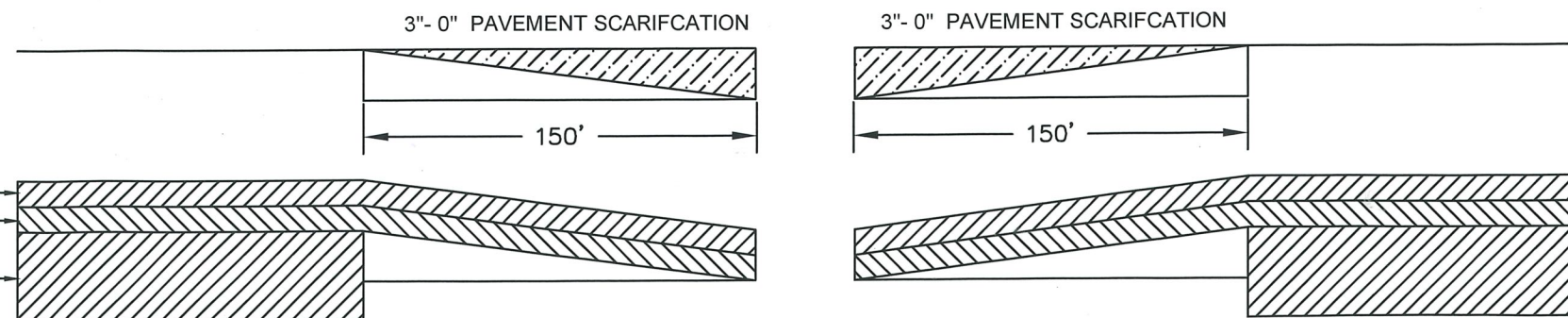
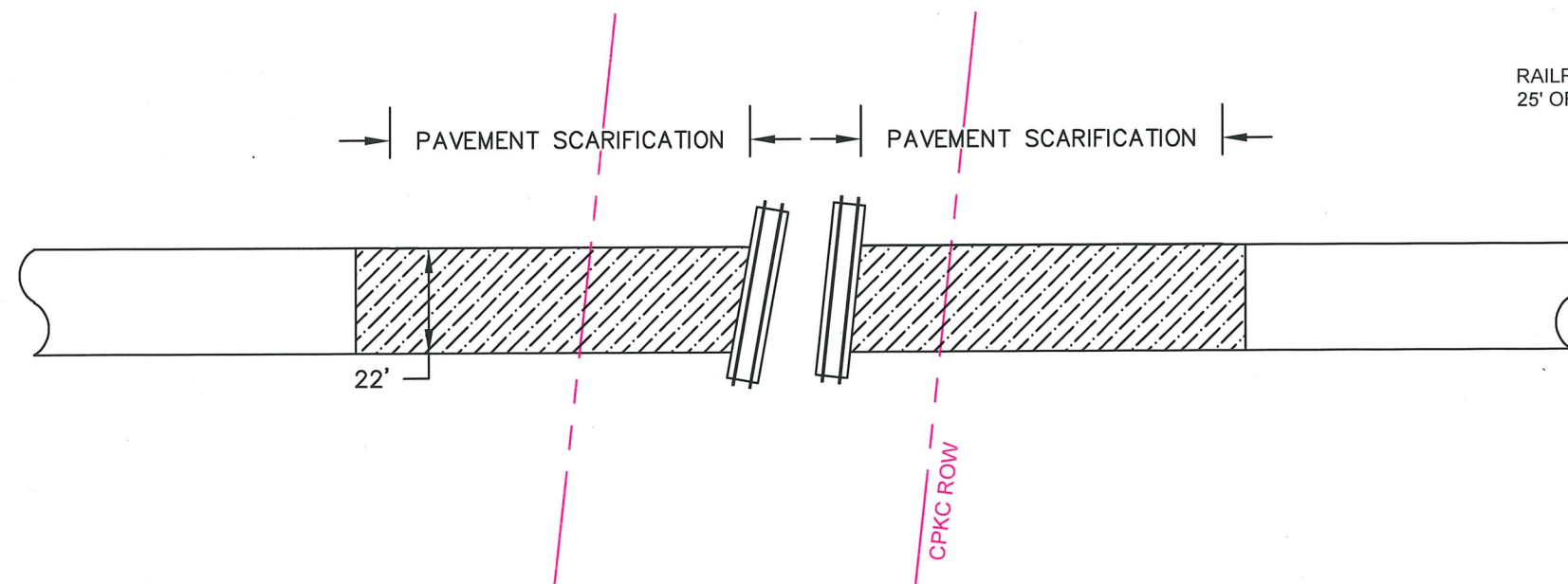
	STATION TO STATION		LENGTH	WIDTH	DEPTH	AREA	REMARKS
			FT	FT	IN	SY	
	2+17	3+67	150	22	3	367	BEGINNING OF PROJECT
	106+41	106+41	60	VARIES	3	274	INTERSECTION 210TH ST- WEST SIDE
	106+41	106+41	60	VARIES	3	274	INTERSECTION 210TH ST- EAST SIDE
	254+79	256+29	150	22	3	367	PCC TAPER
	285+79	287+29	150	22	3	367	PCC TAPER
	296+22	296+22	100	VARIES	3	586	245TH ST- WEST SIDE
	300+37	301+87	150	22	3	367	BRIDGE APPROACH TAPER
	305+45	306+95	150	22	3	367	BRIDGE APPROACH TAPER
	329+89	329+89	60	VARIES	3	274	INTERSECTION MAIN ST WEST SIDE
	330+39	331+89	150	22	3	367	RAILROAD TAPER
	332+21	333+71	150	22	3	367	RAILROAD TAPER
	347+68	349+18	150	22	3	367	END OF PROJECT

STA. 332+07
Candian Pacific Kansas City Railway
FRA # 385-471-D

REFER TO DEVELOPMENTAL SPECIFICATIONS FOR CONSTRUCTION OR MAINTENANCE WORK ON RAILROAD RIGHT-OF-WAY (DAKOTA, MINNESOTA, & EASTERN RAILROAD CORPORATION dba CANADIAN PACIFIC)



RAILROAD FLAGGERS MUST BE UTILIZED IF ANY WORK OCCURS WITHIN 25' OF CROSSING.



1.5" HMA SURFACE
1.5" HMA INTERMEDIATE
4" COLD IN PLACE HMA RECYCLING

1.5" HMA SURFACE
1.5" HMA INTERMEDIATE
4" COLD IN PLACE HMA RECYCLING

LETTING DATE: 08/18/2026

ESTIMATE OF QUANTITIES				
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	TOTAL
1	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	11,581
2	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	5.94
3	2214-5145150	PAVEMENT SCARIFICATION, NOMINAL THICKNESS	SY	4344
4	2303-0001000	HMA MIXTURE, WEDGE, LEVELING OR STRENGTHENING COURSE	TON	80
5	2303-1032500	HMA STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	6800
6	2303-1033500	HMA STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIRED	TON	6800
7	2303-1258283	ASPHALT BINDER PG 58-28S, STANDARD TRAFFIC	TON	820
8	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1
9	2303-7000610	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE LAB VOIDS	EACH	15,000
10	2303-7000620	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE FIELD VOIDS	EACH	15,000
11	2318-1001100	COLD-IN-PLACE RECYCLED ASPHALT PAVEMENT	SY	73,722
12	2318-1001220	ASPHALT STABILIZING AGENT (FOAMED ASPHALT) PG 52-34S	TON	324
13	2526-8285010	CONSTRUCTION SURVEY, MONUMENT PRESERVATION	LS	1
14	2526-8285020	CONSTRUCTION SURVEY, CONTROL POINT SURVEY	LS	1
15	2526-8285040	CONSTRUCTION SURVEY, LOCATION SURVEY	LS	1
16	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT BASED	EACH	7
17	2527-9263209	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT BASED	STA	617.79
18	2528-8445110	TRAFFIC CONTROL	LS	1
19	2528-8445113	FLAGGERS	EACH	PER PROPOSAL
20	2528-8445115	PILOT CARS	EACH	PER PROPOSAL
21	2533-4980005	MOBILIZATION	LS	1

DIVISION 2 NON-PARTICIPATING				
22	2595-0005125	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR DAKOTA, MINNESOTA, AND EASTERN RAILROAD CORP.	LS	1

GENERAL NOTES:

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. CONTRACTOR TO BE RESPONSIBLE TO PROTECT THE UTILITIES AND ALL DAMAGES TO THE SAME. ALL UTILITY LOCATIONS INDICATED ON THIS PLAN SET ARE APPROXIMATE AND ARE NOT TO BE USED IN LIEU OF IOWA ONE CALL OR PROPER EXCAVATION SAFETY PRACTICES.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL OFF SITE FOR EXCESS MATERIAL WHICH IS NOT DESIRABLE TO BE INCORPORATED IN THE WORK INVOLVED ON THIS PROJECT. NO OVERHAUL PAYMENTS WILL BE ALLOWED FOR MATERIAL HAULED OFF SITE.

THE CONTRACTOR SHALL VISIT THE CONSTRUCTION SITE TO ENSURE THAT THEY ARE FAMILIAR WITH THE EXISTING SITE CONDITIONS.

IF ARCHAEOLOGICAL MATERIAL IS ENCOUNTERED DURING THE CONSTRUCTION PHASE OF THIS PROJECT, WORK MUST STOP AND THE ENGINEER'S OFFICE MUST BE NOTIFIED.

STANDARD ROAD PLANS ARE AVAILABLE ELECTRONICALLY FROM THE IOWA DEPARTMENT OF TRANSPORTATION WEBSITE AT WWW.IOWADOT.GOV.

CONTRACTOR WILL PROVIDE JOB MIX FORMULA FOR APPROVAL. ANY CHANGES TO JOB MIX SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.

CONTRACTOR SHALL CONFINE ALL WORK TO THE CONTRUCTION LIMITS AND RIGHT-OF-WAY. IF THE CONTRACTOR OBTAINS ADDITIONAL EASEMENTS FOR THE STORAGE OF EQUIPMENT AND MATERIALS, COPIES OF AGREEMENTS WITH THE PROPERTY OWNERS SHALL BE PROVIDED TO THE CONTRACTING AUTHORITY.

WINTER WORK IS NOT AUTHORIZED FOR THIS PROJECT.

STANDARD ROAD PLANS			
THE FOLLOWING STANDARD ROAD PLANS SHALL BE CONSIDERED APPLICABLE TO CONSTRUCTION WORK ON THIS PROJECT			
NUMBER	DATE	SHEETS	ITEM DESCRIPTION
PM-110	04/16/2024	4	LINE TYPES
PM-111	04/21/2020	2	LINE TYPES
PM-120	10/15/2024	1	STOP LINES AND ISLANDS
PM-240	10/15/2024	1	RAILROAD CROSSING ON TWO-LANE ROADWAY
PV-202	04/21/2020	2	HOT MIX ASPHALT RESURFACING
TC-213	4/18/2023	1	LANE CLOSURE WITH FLAGGERS
TC-214	4/18/2023	1	LANE CLOSURE WITH FLAGGERS FOR USE WITH PILOT CAR
TC-233	10/17/2017	2	PAVEMENT MARKING OPERATIONS TWO-LANE
TC-282	10/15/2019	3	UNEVEN LANES
TC-284	10/15/2019	1	NO CENTERLINE MARKINGS ON NON-PRIMARY ROADWAYS

CONTROL POINTS				
POINT	TYPE	NORTHING	EASTING	ELEVATION
NW CORNER SECTION 20-95-19	MAG NAIL	3841568.83	5022224.72	1160.32
NW CORNER SECTION 20-96-19	MAG NAIL	3871188.47	5022032.20	1076.08

ESTIMATE REFERENCE INFORMATION		
Item No.	Item Code	Description
1	2121-7425020	GRANULAR SHOULDERS, TYPE B
		THIS ITEM INCLUDES HAULING, LEVELING OF ROCK FOR SHOULDERS, DRIVEWAYS AND GRAVEL ROAD INTERSECTIONS. ESTIMATED 4.5 TONS PER DRIVEWAY.
2	2212-0475095	CLEANING AND PREPARATION OF BASE
		THIS ITEM INCLUDES 5.98 MILES OF TWO LANE ROADWAY. PREPARE EXISTING SHOULDER FOR CIP RECYCLING BY REMOVING THE EXISTING GRANULAR SHOULDER FOR A WIDTH OF ONE FOOT ADJACENT TO THE EXISTING SLAB AND TO A DEPTH OF 4 INCHES.
3	2214-5145150	PAVEMENT SCARIFICATION
		SEE TABULATION ON SHEET B.3
4	2303-0001000	HOT MIX ASPHALT MIXTURE, WEDGE, LEVELING, OR STRENGTHENING COURSE
		HMA LEVELING COURSE (VARIABLE 0"~1.3") TO CORRECT PCC/HMA ELEVATION DIFFERENTIAL AT STATION 285+80 PROVIDE SMOOTH TRANSITION OVER 100 FT. CONSTRUCT PER IOWA DOT SPEC SECTION 2303. EXACT LIMITS AND THICKNESS TO BE FIELD VERIFIED TO ACHIEVE SMOOTH TRANSITION.
5	2303-1032500	HOT MIX ASPHALT, STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 INCH MIX
		ITEM IS FOR MATERIAL PLACED ON MAINUNE, FILLETS AND INTERSECTIONS. PRICE SHALL INCLUDE CERTIFIED PLANT INSPECTION. SHOULDER DROP OFF SHALL BE RAISED USING A TEMPORARY FILLET OF GRANULAR MATERIAL BY THE END OF EACH DAY. PAVEMENT SMOOTHNESS DOES NOT APPLY.
6	2303-1033500	HOT MIX ASPHALT, STANDARD TRAFFIC, SURFACE COUSE, 1/2 INCH MIX
		ITEM IS FOR MATERIAL PLACED ON MAINLINE, FILLETS AND INTERSECTIONS. PRICE SHALL INCLUDE CERTIFIED PLANT INSPECTION. SHOULDER DROP OFF SHALL BE RAISED USING A TEMPORARY FILLET OF GRANULAR MATERIAL BY THE END OF EACH DAY. PAVEMENT SMOOTHNESS DOES NOT APPLY.
7	2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC
		ESTIMATED AT MIX CONTENT OF 6%.
8	2303-6911000	HMA PAVEMENT SAMPLES
		INCLUDES DELIVERING SAMPLES FOR CIP RECYCLING TO DISTRICT 2 MATERIALS LAB IN MASON CITY PER ENGINEER'S REQUEST
9	2303-7000610	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE LABORATORY VOIDS (FORMULA- BY PAY FACTOR)
10	2303-7000620	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE FIELD VOIDS (FORMULA- BY PAY FACTOR)
11	2318-1001100	COLD-IN-PLACE RECYCLED ASPHALT PAVEMENT
		CIP RECYCLED QUANTITY IS BASED ON 22' AVERAGE WIDTH. THERE WILL BE NO CIP RECYCLE AT PAVEMENT RUNOUTS. RECYCLED ASPHALT SHALL BE PLACED ONE FOOT WIDER THAN EXISTING ON EACH SIDE OF ROAD.
12	2318-1001220	ASPHALT STABILIZING AGENT (FOAMED ASPHALT) PG 52-34S
13, 14,15		CONSTRUCTION SURVEY, MONUMENT PRESERVATION, CONTROL POINT SURVEY AND LOCATION SURVEY
		SEE SHEET C1 FOR COORDINATES OF SECTION CORNERS AND COUNTY SET CONTROL POINTS
16	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT BASED
		REFER TO TABULATION ON SHEET C2
17	2527-9263209	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED
		REFER TO TABULATION ON SHEET C2
18	2528-8445110	TRAFFIC CONTROL
		CONTRACTOR TO COMPLETE TRAFFIC CONTROL DIARY AND SUBMIT WEEKLY.
19	2528-8445113	FLAGGERS
		CONTRACTOR TO COMPLETE TRAFFIC CONTROL DIARY AND SUBMIT WEEKLY.
20	2528-8445115	PILOT CARS
		CONTRACTOR TO COMPLETE TRAFFIC CONTROL DIARY AND SUBMIT WEEKLY.
21	2533-4980005	MOBILIZATION
22	2595-0005125	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR DAKOTA, MINNESOTA, AND EASTERN RAILROAD CORP.
		REFER TO DEVELOPMENTAL SPECIFICATIONS FOR CONSTRUCTION OR MAINTENANCE WORK ON RAILROAD RIGHT-OF-WAY (CANADIAN PACIFIC RAILROAD)

ENTRANCES AND INTERSECTIONS					
STATION	SIDE	TYPE	GRANULAR SHOULDER (TONS)	4' HMA FILLET (LF)	REMARKS
14+82	LT	FIELD ENT	4.5		
14+82	RT	FIELD ENT	4.5		
39+80	LT	FIELD ENT	4.5		
49+33	LT	DRIVEWAY	4.5	45	10948 THRUSH AVE
49+33	RT	MAILBOX		20	FILLET FOR MAILBOX AT 10948 THRUSH AVE
53+11	BOTH	INTERSECTION	70	80 & 80	200TH ST
60+80	LT	DRIVEWAY	4.5	45	11142 THRUSH AVE
60+80	RT	MAILBOX		20	FILLET FOR MAILBOX AT 11142 THRUSH AVE
70+40	LT	FIELD ENT	4.5		
70+40	RT	DRIVEWAY	4.5	45	11315 THRUSH AVE
79+91	RT	FIELD ENT	4.5		
93+21	LT	FIELD ENT	4.5		
95+67	LT	DRIVEWAY	4.5	45	11762 THRUSH AVE
95+74	RT	MAILBOX		20	FILLET FOR MAILBOX AT 11762 THRUSH AVE
107+05	LT	FIELD ENT	4.5		
125+71	RT	FIELD ENT	4.5		
128+26	LT	FIELD ENT	4.5		
128+89	RT	DRIVEWAY	4.5	45	12373 THRUSH AVE
133+33	LT	FIELD ENT	4.5		
143+35	RT	DRIVEWAY	4.5	45	12631 THRUSH AVE- S
144+62	RT	DRIVEWAY	4.5	45	12631 THRUSH AVE- N
147+09	LT	FIELD ENT	4.5		
163+47	BOTH	INTERSECTION	70	105 & 105	220TH ST
165+39	RT	DRIVEWAY	4.5	75	13035 THRUSH AVE DRIVEWAY AND MAILBOX
176+70	RT	FIELD ENT	4.5		
183+78	RT	FIELD ENT	4.5		
184+21	LT	DRIVEWAY	4.5	45	13392 THRUSH AVE
186+61	RT	DRIVEWAY	4.5	65	13433 THRUSH AVE DRIVEWAY AND MAILBOX
190+93	RT	FIELD ENT	4.5		
190+93	LT	DRIVEWAY	4.5	45	13514 THRUSH AVE
191+23	RT	MAILBOX			FILLET FOR 13514 THRUSH AVE
194+79	RT	DRIVEWAY		45	13597 THRUSH AVE- PAVED
202+11	RT	FIELD ENT	4.5		
202+19	LT	DRIVEWAY	4.5	45	13732 THRUSH AVE
202+29	RT	MAILBOX		20	FILLET FOR MAILBOX AT 13732 THRUSH AVE
203+44	LT	FIELD ENT	4.5		
205+74	RT	FIELD ENT	4.5		
216+47	BOTH	INTERSECTION	70	105 (L) & 75 (R)	230TH ST
234+81	LT	FIELD ENT	4.5		
237+07	RT	FIELD ENT	4.5		
241+65	RT	DRIVEWAY	4.5	70	14459 THRUSH DRIVEWAY AND MAILBOX
242+01	LT	DRIVEWAY	4.5	45	14480 THRUSH
244+46	RT	FIELD ENT	4.5		
253+21	LT	FIELD ENT	4.5		
292+72	LT	DRIVEWAY	4.5	45	15438 THRUSH
296+10	RT	FIELD ENT	4.5		
299+97	RT	FIELD ENT	4.5		
300+77	LT	INTERSECTION	35	100	SWALLOW AVE
309+51	RT	INTERSECTION	35	125	CLAYBANKS AVE
312+53	LT	DRIVEWAY	4.5	45	15820 THRUSH AVE
312+65	RT	MAILBOX		20	FILLET FOR MAILBOX AT 15820 THRUSH AVE
316+34	RT	MAILBOX		20	FILLET FOR MAILBOX AT 15882 THRUSH AVE
316+34	LT	DRIVEWAY	4.5	45	15882 THRUSH AVE
319+50	LT	INTERSECTION	35	85	250TH ST- S
321+94	BOTH	INTERSECTION	70	75 (L) & 85 (R)	250TH ST-N
323+47	LT	DRIVEWAY			16014 THRUSH AVE- PAVED
323+87	RT	FIELD ENT	4.5		
332+32	RT	ENTRANCE	4.5		CP-SIGNAL HOUSE
334+13	LT	DRIVEWAY	9	135	16228 THRUSH AVE
334+38	RT	DRIVEWAY	4.5	45	16227 THRUSH AVE
342+79	RT	DRIVEWAY	4.5	45	16337 THRUSH AVE
347+34	RT	FIELD ENT	4.5		

PAVEMENT MARKING LINE TYPES												108-22
												MODIFIED
Location				Length by Line Type (Unfactored)								Remarks
ROAD ID	STATION TO STATION		LENGTH (STA)	SIDE	BCY4	DCY4	NPY4	ELW4	SLW2	CLW6		
				L C R							STA	
S56	2+16.00	349+18.00	347.02	X				347.02				
S56	2+16.00	349+18.00	347.02		X			347.02				
S56	2+16.00	86+05.00	83.89		X	83.89						
S56	86+05.00	91+80.00	5.75		X		5.75					
S56	91+80.00	98+38.00	6.58		X	6.58						
S56	98+38.00	104+03.00	5.65		X		5.65					
S56	104+03.00	125+97.00	21.94		X	21.94						
S56	125+97.00	131+28.00	5.31		X		5.31					
S56	131+28.00	135+66.00	4.38		X	4.38						
S56	135+66.00	137+98.00	2.32		X		2.32					
S56	137+98.00	141+89.00	3.91		X	3.91						
S56	141+89.00	146+82.00	4.93		X		4.93					
S56	146+82.00	147+65.00	0.83		X	0.83						
S56	147+65.00	156+24.00	8.59		X		8.59					
S56	156+23.00	158+54.00	2.31		X	2.31						
S56	158+54.00	164+51.00	5.97		X		5.97					
S56	164+51.00	169+04.00	4.53		X	4.53						
S56	169+04.00	174+03.00	4.99		X		4.99					
S56	174+03.00	180+98.00	6.95		X	6.95						
S56	180+98.00	189+61.00	8.63		X		8.63					
S56	189+61.00	191+03.00	1.42		X	1.42						
S56	191+03.00	199+62.00	8.59		X		8.59					
S56	199+62.00	206+66.00	7.04		X	7.04						
S56	206+66.00	215+91.00	9.25		X		9.25					
S56	215+91.00	217+39.00	1.48		X	1.48						
S56	217+39.00	226+26.00	8.87		X		8.87					
S56	226+26.00	256+29.00	30.03		X	30.03						
S56	285+80.00	287+29.00	1.49		X	1.49						
S56	287+29.00	291+22.00	3.93		X		3.93					
S56	291+22.00	292+46.00	1.24		X	1.24						
S56	292+46.00	314+46.00	22.00		X	22.00						
S56	314+46.00	324+24.00	9.78		X		9.78					
S56	324+24.00	339+89.00	15.65		X	15.65						
S56	339+89.00	343+50.00	3.61		X		3.61					
S56	343+50.00	349+18.00	5.68		X	5.68						

STATIONS	191.97	29.38	96.17	694.04	0.00	0.00	
FACTOR	0.17	1.34	0.84	0.67	6	3	
TOTALS	32.63	39.37	80.78	465.01	0.00	0.00	617.79

PAVEMENT MARKING SYMBOLS AND LEGENDS					108-29
					MODIFIED
ROAD ID	STATION	SIDE	SYMBOL	QTY	REMARKS
S56	106+42.00	BOTH	SLW2	2	210TH ST STOP BARS
S56	296+15.00	LEFT	SLW2	1	245TH ST STOP BAR
S56	325+03.00	RIGHT	RRCW	1	RR XING
S56	331+66.00	RIGHT	SLW2	1	RR XING STOP BAR
S56	332+44.00	LEFT	SLW2	1	RR XING STOP BAR
S56	339+03.00	LEFT	RRCW	1	RR XING