Letting Date DECEMBER 15, 2026

WOODBURY COUNTY

PROJECT NO: FM-C097(156)--55-97

HMA RESURFACING AND COLD-IN-PLACE RECYCLING

TOTAL SHEETS - 16

Project Number: FM-C097(156)--55-97

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IOWA DEPARTMENT OF TRANSPORTATION

Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

FARM-TO-MARKET SYSTEM

WOODBURY COUNTY

HMA RESURFACING/ COLD-IN-PLACE RECYCLING

PROJECT NO. FM-C097(156)--55-97

REFER TO THE PROPOSAL FOR LIST OF APPLICABLE SPECIFICATIONS

On D 38, from IA HWY 31 E. 6 miles to L 37

TABULATION OF UTILITIES

CITY OF ANTHON
RUTH GROTH – (712)373–5218

CENTURYLINK
SADIE HULL – (918)547–0147

LONG LINES BROADBAND
MILES PATTON – (712)271–5550

TRAFFIC CONTROL PLAN

THIS ROAD WILL BE CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION. LOCAL TRAFFIC TO ADJACENT PROPERTIES WILL BE MAINTAINED AS PROVIDED FOR IN ARTICLE 1107.08 OF THE CURRENT STANDARD SPECIFICATIONS. TRAFFIC CONTROL DEVICES, PROCEDURES, LAYOUTS, AND SIGNING INSTALLED WITHIN THE LIMITS OF THIS PROJECT SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC) CHAPTER 130.

ALL SAFETY CLOSURES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR.D 38 SHALL BE LEFT OPEN DURING ALL ADDA AND SIDEWALK CONSTRUCTION.

MAINTENANCE OF SIGNS, BARRICADES AND SAFETY CLOSURES AS STATED IN ARTICLE 1107.09 SHALL APPLY ON THIS PROJECT.

ROAD CLOSURES ON THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH ROAD STANDARD TC–252. PEDESTRIAN CLOSURES SHALL APPLY ON THIS PPROJECT..

INDEX OF SHEETS

No.	Description
A.01	TITLE SHEET
A.02	LOCATION MAP
B.01	DETAILS
B.02	TYPICAL SECTIONS AND DETAILS
B.03	GENERAL NOTES, TABULATIONS, AND TYPICAL DETAILS
C.01–C.03	ESTIMATE OF QUANTITIES AND REFERNECE INFORMATION
M.01	STORM SEWER DETAILS
S.01–S.04	SIDEWALK SCHEDULE
S.05	SIDEWALK MAIN ST AND MILLER AVE
S.06	SIDEWALK BRIDGE ST AND 3RD AVE
S.07	SIDEWALK BRIDGE ST AND CAULEY AVE

ROAD STANDARD PLANS

The following Standard Plans shall be considered applicable to construction work on this project.

Identification	Date	Identification	Date	Identification	Date
BA–221	10–18–22	PV–10	10–20–26	TC–212	04–18–23
BA–225	10–17–23	SW–103	10–21–25	TC–214	04–18–23
LI–201	04–18–17	SW–511	10–21–25	TC–601	10–15–19
PM–110	10–15–24	SW–513	10–21–25		
PM–120	10–15–24	TC–202	04–18–23		

MILEAGE SUMMARY

DIV.	LOCATION	LIN. FT.	MILES
1	STA. 15+00 TO 323+75	30,875	
1	DEDUCT BRIDGE STA. 78+50	–920	
1	DEDUCT BRIDGE STA. 148+75	–270	
1	TOTAL LENGTH OF DIV. I	29,685	5.622
2	STA, 0+15 TO 30+68	3,053	
2	DEDUCT CONCRETE SECTION STA. 9+82	–214	
2	DEDUCT CONCRETE SECTION STA. 20+27	–240	
2	TOTAL LENGTH OF DIV. II	2,599	0.492

LICENSED PROFESSIONAL ENGINEER
Amanda L. Goodenow P25734
IOWA

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.

Amanda Goodenow 9/1/2026
Amanda Goodenow Date

Iowa Registration Number 25734
Expiration Date 12/31/2026

Pages or sheets covered by this seal:
Sheets B.01, M–01 ,S.01–S.07,

LICENSED PROFESSIONAL ENGINEER
LAURA M. SIEVERS 19243
IOWA

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.

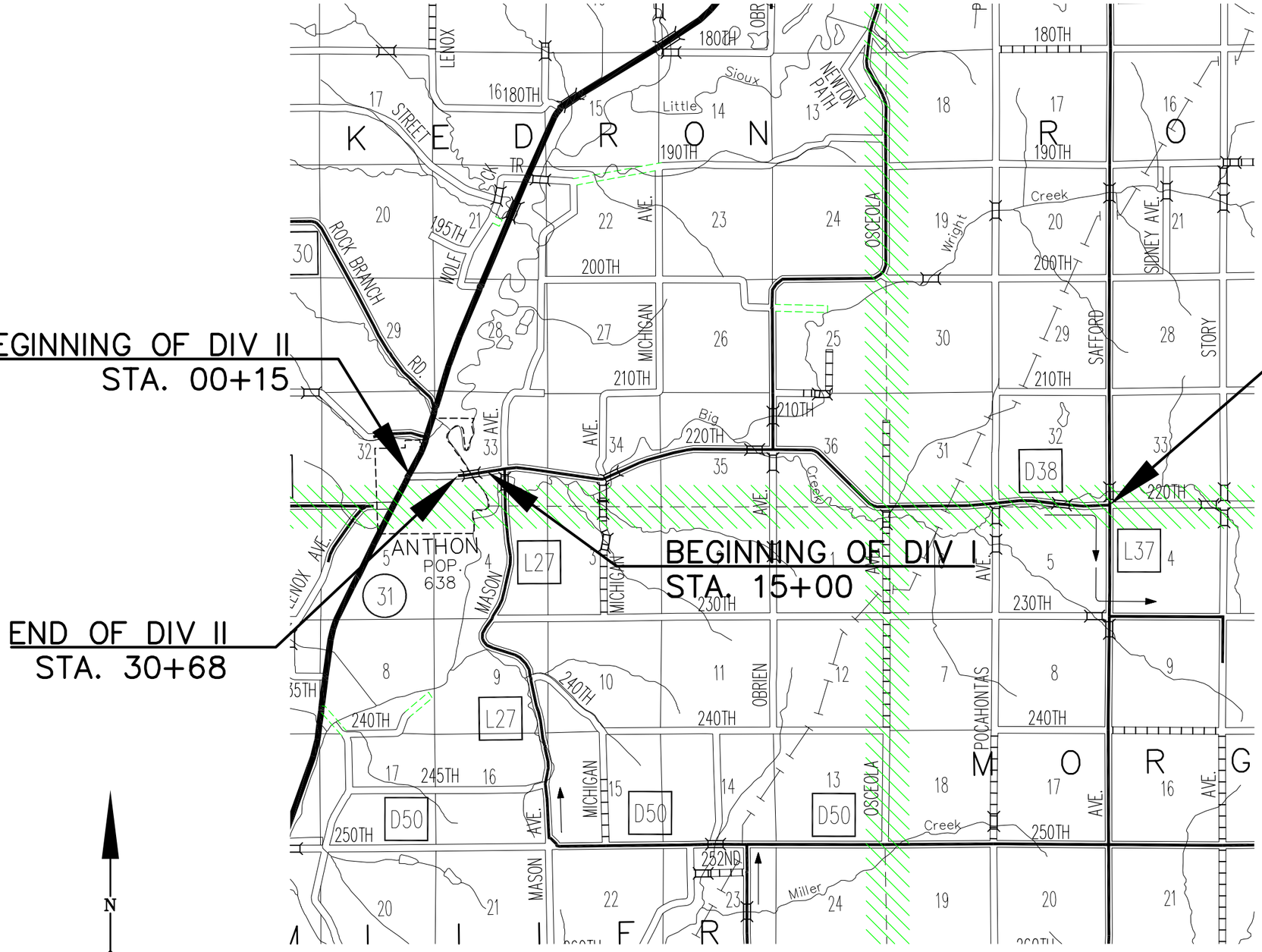
Laura M Sievers Date 9/8/26

Iowa Registration Number 19243
Expiration Date 12/31/2026

Pages or sheets covered by this seal:
Pages A.01 - A.02, B.02–C.03

2023 AADT 200 - 1,270 V.P.D.

Board of Supervisors Date



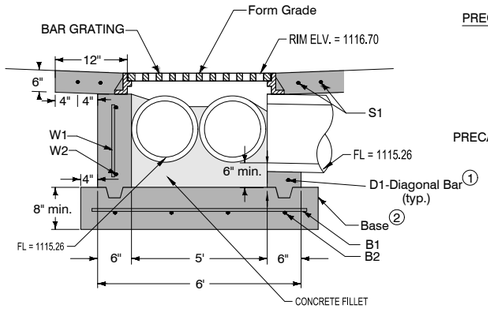
WOODBURY COUNTY
ENGINEERS OFFICE

DRAWN BY: JSG
DESIGNED BY:
APPROVED BY: LMS
DATE: REVISION DATE:

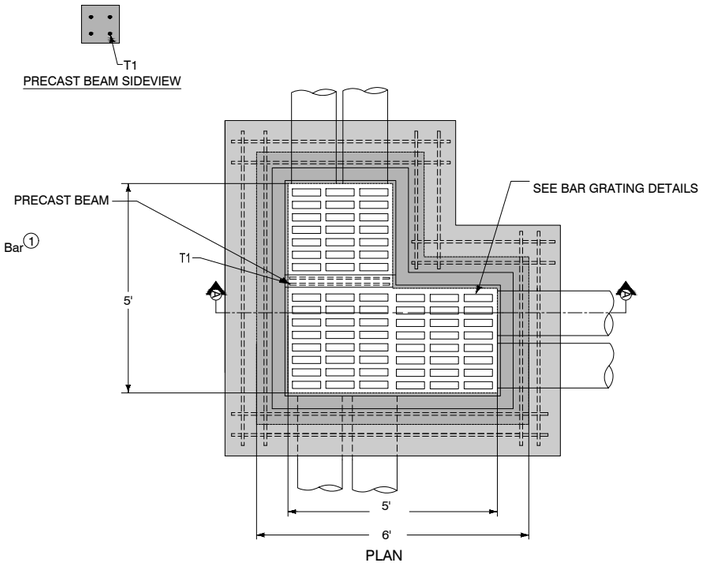
PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: LOCATION MAP

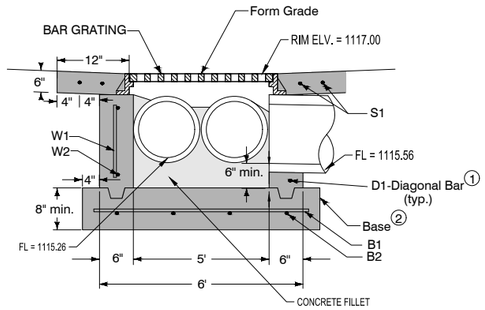
PROJECT NO.
FM-C097(156)--55-97
SHEET
A.02



NE STRUCTURE
SECTION A-A



PLAN



SE STRUCTURE
SECTION A-A

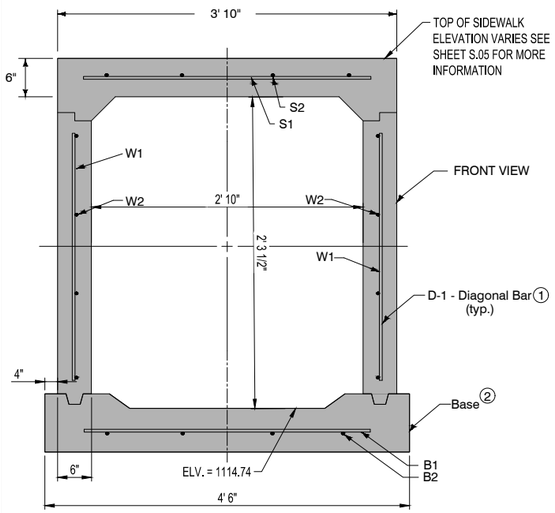
REINFORCING BAR LIST - MODIFIED SW-511		
MARK	SIZE	LOCATION
B1	#4	BASE SLAB LONGITUDINAL BARS @ 12" O.C.
B2	#4	BASE SLAB TRANSVERSE BARS @ 12" O.C.
W1	#4	WALL VERTICAL BARS @ 15" O.C.
W2	#4	WALL HORIZONTAL BARS @ 15" O.C.
T1	#4	PRECAST BEAM REINFORCEMENT (4 BARS)
S1	#4	TOP SLAB/FRAME REINFORCEMENT
D1	#4	DIAGONAL BARS AT PIPE OPENINGS

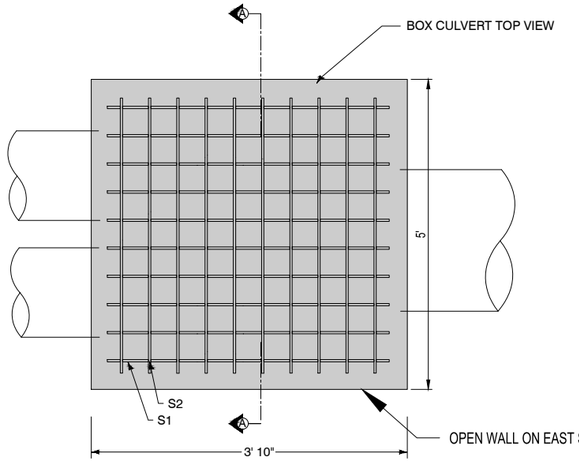
① Install four #4 diagonal bars at all pipe openings.

② Cast-in-place base shown. If base is precast integral with walls, the footprint of the base is not required to extend beyond the outer edge of the walls.

SW-511, MODIFIED DETAIL FOR 3RD AVENUE AND E BRIDGE STREET

* FIELD VERIFY ALL DIMENSIONS



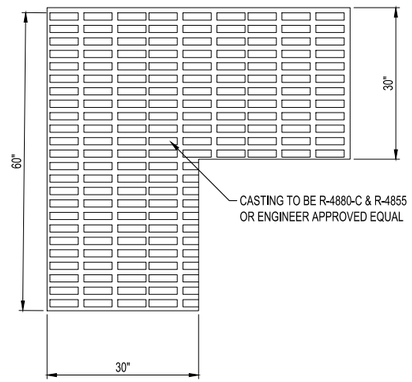


PLAN

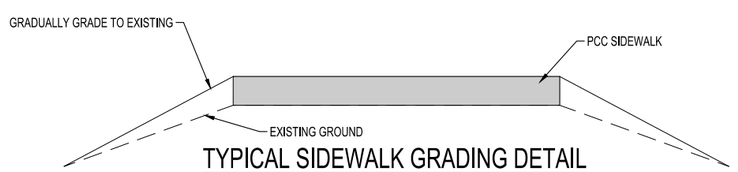
REINFORCING BAR LIST - MODIFIED SW-406		
MARK	SIZE	LOCATION
B1	#4	BASE SLAB LONGITUDINAL BARS @ 12" O.C.
B2	#4	BASE SLAB TRANSVERSE BARS @ 12" O.C.
W1	#4	WALL VERTICAL BARS @ 15" O.C.
W2	#4	WALL HORIZONTAL BARS @ 15" O.C.
S1	#4	TOP SLAB LONGITUDINAL BARS
S2	#4	TOP SLAB TRANSVERSE BARS
D1	#4	DIAGONAL BARS AT PIPE OPENINGS

MODIFIED SW-513 FOR MAIN STREET AND MILLER AVENUE

* FIELD VERIFY ALL DIMENSIONS



GRATING DETAIL



TYPICAL SIDEWALK GRADING DETAIL

ISG

WOODBURY COUNTY
ENGINEERS OFFICE

SJS DRAWN BY:
MLK DESIGNED BY:
ALG APPROVED BY:
06/08/2026 DATE:
REVISION DATE:

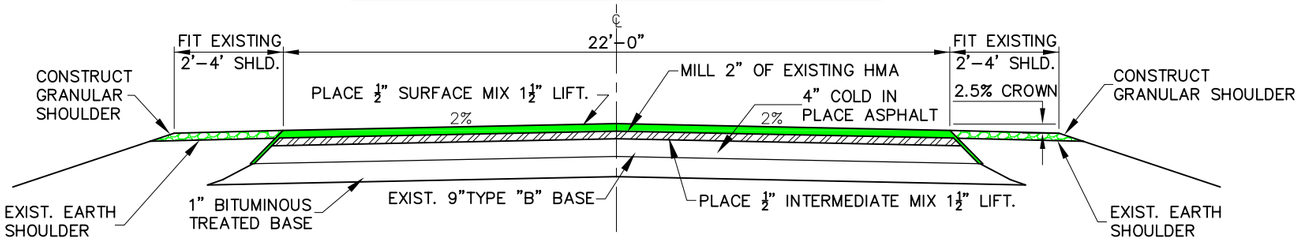
PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: DETAILS

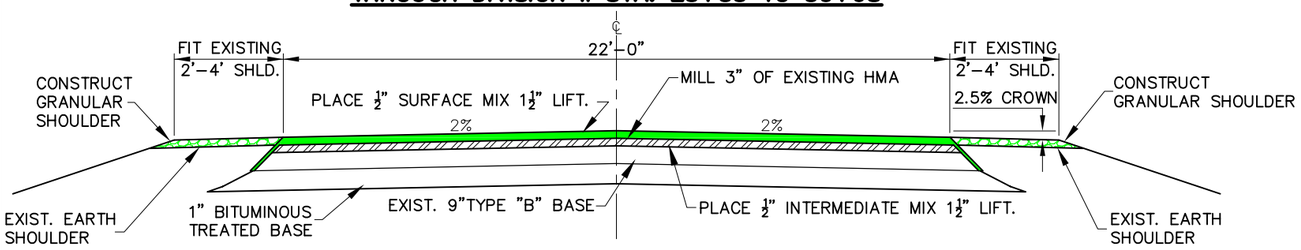
PROJECT NO.
FM-C097(156--5-97)

SHEET
B.01

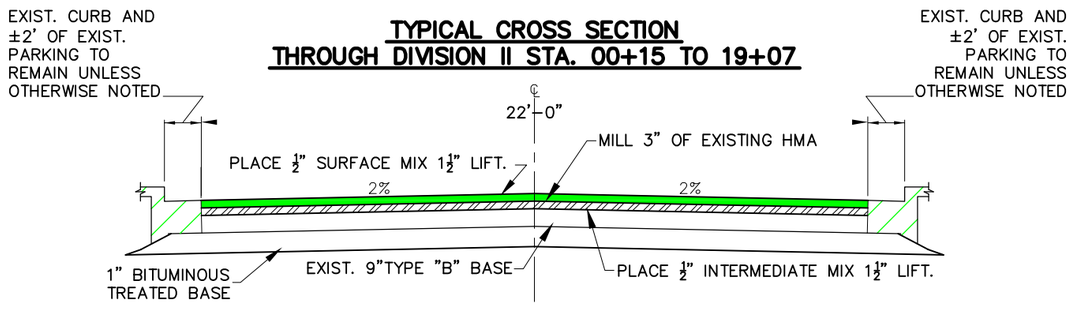
TYPICAL CROSS SECTION THROUGH DIVISION I STA. 15+00 TO 323+75



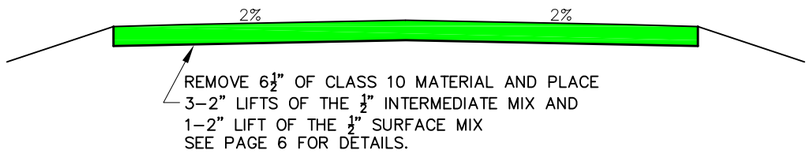
TYPICAL CROSS SECTION THROUGH DIVISION II STA. 25+35 TO 30+68

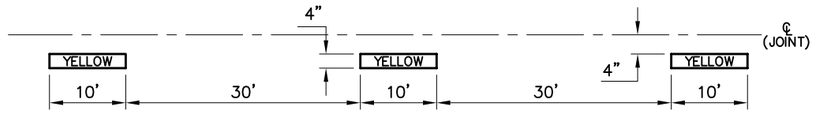


TYPICAL CROSS SECTION THROUGH DIVISION II STA. 00+15 TO 19+07

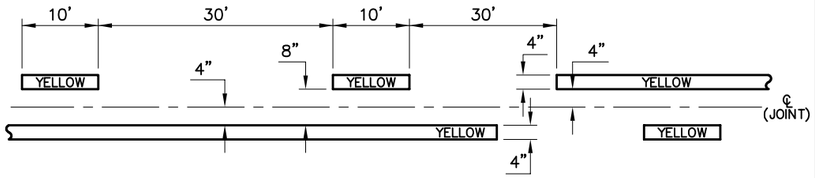


TYPICAL GRAVEL AND DIRT INTERSECTION PAVING

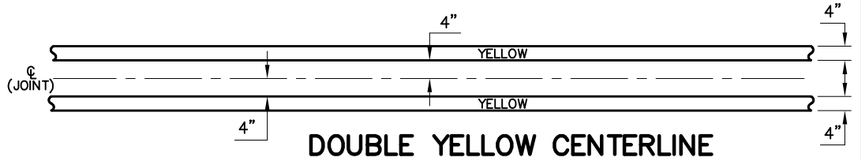




YELLOW CENTERLINE [BROKEN] ON P.C.C. SURFACE



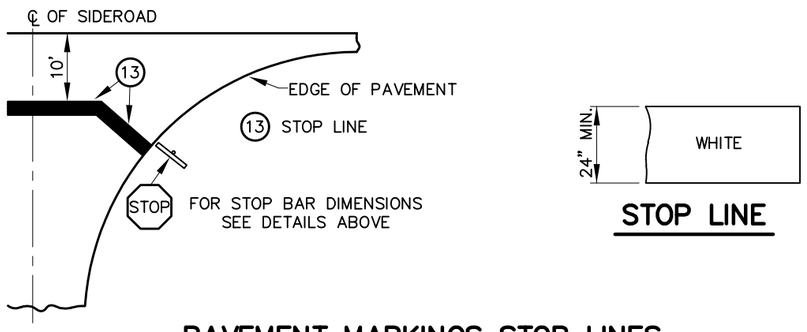
NO–PASSING ZONE LINE ON P.C.C. SURFACE



DOUBLE YELLOW CENTERLINE



WHITE EDGELINE



STOP LINE

PAVEMENT MARKINGS STOP LINES

WOODBURY COUNTY
ENGINEERS OFFICE

JSG DRAWN BY:
JSG DESIGNED BY:
LMS APPROVED BY:
DATE:
REVISION
DATE:

PROJECT DESCRIPTION: HMA RESURFACING AND COLD-IN-PLACE RECYCLING ON D 38

SHEET DESCRIPTION: TYPICAL SECTIONS AND DETAILS

PROJECT NO.
FM-CO97(156)–55-97
SHEET
B.02

TABULATION OF PAVEMENT MARKINGS

DIV.	LOCATION	SIDE			LENGTH IN STATIONS				
					SOLID WHITE EDGE LINE	YELLOW CENTER LINE BROKEN	YELLOW CENTER LINE SOLID	STOP BAR SOLID WHITE LINE	
	STATION TO STATION	LT.	CL.	RT.					
I	STA. 15+00 STA. 323+75	X			451.50				
I	STA. 15+00 STA. 323+75		X			265.6	248.58	1	
I	STA. 15+00 STA. 323+75			X	451.50				
II	STA. 00+15 TO STA. 30+68	X			5.09				
II	STA. 00+15 TO STA. 30+68		X			5.09		1	
II	STA. 00+15 TO STA. 30+68			X	5.09				
	WIDTH FACTORS				0.67	0.17	0.67	0.22	
	TOTALS				305.91	46.02	166.55	0.44	518.92

ADJUSTMENT OF FIXTURES

104-10
08-01-08

No.	Location Station	Type of Fixture	Adjustment
1.	2+93	MANHOLE	20.15' RT
2.	3+30	MANHOLE	15.96' RT
3.	13+15	MANHOLE	0.39' RT
4.	16+97	MANHOLE	1.41' RT
5.	21+91	MANHOLE	0.01' LT

GENERAL NOTES

THIS PROJECT WILL BE A QMA PROJECT IN ACCORDANCE WITH STANDARD SPECS. CONTRACTOR WILL SUBMIT TO THE COUNTY ENGINEER THE JOB MIX FORMULA AND BEGINNING AC% FOR ACCEPTANCE BEFORE ANY OPERATION INVOLVING THAT PARTICULAR JOB MIX FORMULA BEGINS.

TABULATION OF NEW DRIVEWAY AND FIELD ENTRANCE FILLETS

LOCATION	SIDE		LOCATION	SIDE	
STATION	LT.	RT.	STATION	LT.	RT.
16+90		X	167+27		X
73+40	X		184+64		X
143+92		X	186+03	X	
148+68		X	199+93	X	
152+83		X	298+70	X	
157+10	X				

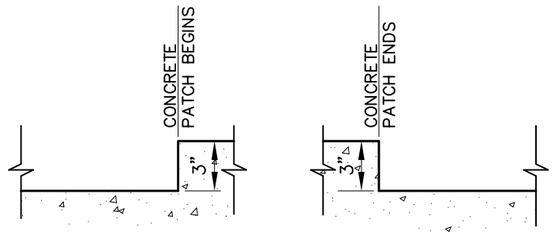
STEEL BEAM GUARDRAIL AT CONCRETE BARRIER OR BRIDGE RAIL END SECTION

108-8A
10-16-18

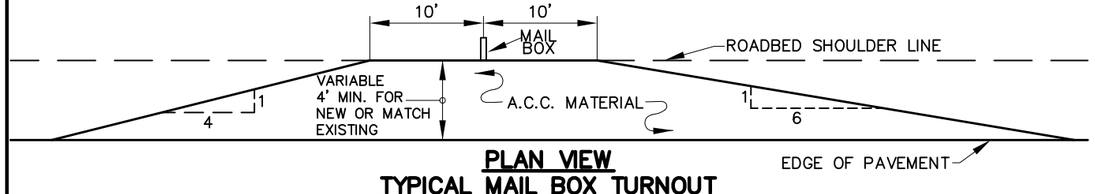
Possible Standards: BA-200, BA-201, BA-202, BA-205, BA-206, BA-211, BA-221, BA-225, BA-250, BA-260, LS-625, LS-626, LS-630, LS-635, SI-172, SI-173 and SI-211.

① Lane(s) to which the obstacle is adjacent.
② Not a bid item. Incidental to guardrail installation.

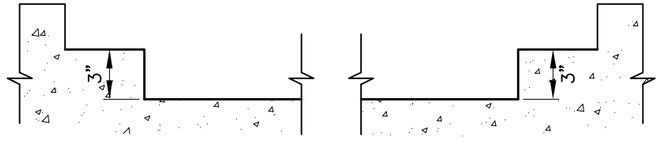
Location					Layout Lengths				Long-Span System		Delineators and Object Markers ②				Bid Items											Remarks
		① Side			BA-250, BA-260, LS-630, OR LS-635						SI-211	Delineator SI-172	Object Marker SI-173							BA-250 or LS-630					BA-260 or LS-635		
No.	Direction of Traffic	0 = Outside M = Median	Station	Offset	VT1	VF	VT2	ET	BA-211						Bolted End Anchor	Post Adapter	Steel Beam Guardrail	Barrier Transition Section	End Terminal				Barrier Transition Section	End Terminal	
																			Tangent	Flared	Tangent	Flared		Tangent	
									Station	Type	Type	Type 1 White	Type 2 OM2-2	Type 3 OM-3L	Type 3 OM-3R	BA-202	BA-210	BA-200	BA-201	BA-205	BA-206	LS-625	LS-626	BA-221	BA-225	
				Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.				Each	Each	Each	Each	Type	Each	Each	Lin. Ft.	Each	Each	Each	Each	Each	Each	Each	
1	W	0	11+55	15.62' LT.	25.00	–	–	35.17	–	–	3	–	–	1	–	A	1	–	–	–	–	–	–	–	1	1	
2	E	0	11+55	15.62' RT.	25.00	–	–	35.17	–	–	3	–	–	–	1	A	1	–	–	–	–	–	–	–	1	1	
1	W	0	15+00	15.62' LT.	25.00	–	–	35.17	–	–	3	–	–	1	–	A	1	–	–	–	–	–	–	–	1	1	
2	E	0	15+00	15.62' RT.	25.00	–	–	35.17	–	–	3	–	–	–	1	A	1	–	–	–	–	–	–	–	1	1	



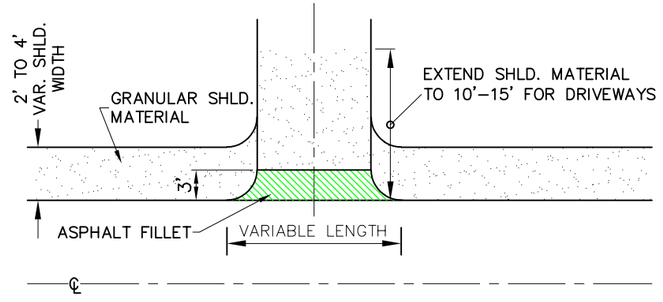
BEGINNING AND END OF CONCRETE PATCH AND BRIDGE APPROACH



PLAN VIEW TYPICAL MAIL BOX TURNOUT



CURB ATTACHMENT



DETAILS OF NEW DRIVEWAY AND FIELD ENT. FILLET

WOODBURY COUNTY
ENGINEERS OFFICE

JSG DRAWN BY:
JSG DESIGNED BY:
LMS APPROVED BY:
DATE: REVISION DATE:

PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: GENERAL NOTES, TABULATIONS, AND TYPICAL DETAILS

PROJECT NO.
FM-CO97(156)--55-97
SHEET
B.03

ESTIMATED QUANTITIES

No.	ITEM CODE	ITEM	UNIT	DIV. I	DIV. II	TOTAL	ESTIMATE REFERENCE NOTES
1.	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CU. YDS.	320.74	0	320.74	INCLUDES THE CORE OUT OF INTERSECTING ROADS AT STA. 29+00 LT, STA. 75+40LT AND RT, STA. 156+85 RT, STA 219+85 LT AND RT, AND STA. 270+83 LT AND RT. ALL EXCESS MATERIAL SHALL BE HAULED OFF THE PROJECT AND DISPOSED OF BY THE CONTRACTOR. PAYMENT SHALL BE BY PLAN QUANTITY. FILLET DIMENSIONS SHALL BE ADJUSTED TO MATCH EXISTING CONDITIONS
2.	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	2,890	45	2,935	PLACEMENT SHALL BE ADJUSTED TO MATCH THE EXISTING SHOULDER WIDTH ALONG THE LENGTH OF THE PROJECT. ITEM INCLUDES THE ENTIRE LENGTH OF THE PROJECT, INCLUDING THE INTERSECTION RADIUS AND ALL DRIVEWAYS. SHOULDERS ARE CALCULATED AT A WIDTH AND DEPTH SHOWN ON THE TYPICAL ON SHEET B.02. THE MATERIAL SHALL BE COMPACTED WITH A SMOOTH STEEL DRUM ROLLER. SHALL INCLUDE A MINIMUM OF 50% RECLAIMED HMA MILLINGS FROM THE PROJECT. THE HMA MATERIAL SHALL PASS A 2" SCREEN
3.	2212-0475095	CLEANING AND PREPARATION OF BASE	MILES	0	0.492	0.492	
4.	2214-5145150	PAVEMENT SCARIFICATION, NOMINAL THICKNESS	SQ.YDS.	72,564	6,354	78.918	MILLINGS SHALL BE USED FOR GRANULAR SHOULDERS, TYPE B.
5.	2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE 1/2 IN. MIX	TON	7,290	578	7,868	ASPHALTIC CEMENT SHALL BE GRADE PG 58–34S FOR THIS MIXTURE PER SECTION 1303. ASPHALTIC CEMENT TOTALS ARE BASED ON 6.00% BINDER CONTENT. FINAL DETERMINATION TO BE BASED ON MIX DESIGN. THIS MIXTURE MAY INCLUDE RECYCLED MATERIAL. INCLUDES MATERIAL FOR INTERSECTION FILLETS AND DRIVEWAYS. MATERIAL SHALL BE PLACED IN 1 – 1½" LIFT IN THE ROADWAY AND 3 – 2" LIFTS FOR NEW FILLETS. CERTIFIED PLANT INSPECTION SHALL APPLY
6.	2303-1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE C0URSE, 1/2 IN. MIX NO SPECIAL FRICTION REQUIREMENT	TON	6,805	578	7,383	ASPHALTIC CEMENT SHALL BE GRADE PG 58–34S FOR THIS MIXTURE PER SECTION 1303. ASPHALTIC CEMENT TOTALS ARE BASED ON 6.00% BINDER CONTENT. FINAL DETERMINATION TO BE BASED ON MIX DESIGN. THIS MIXTURE SHALL NOT INCLUDE RECYCLED MATERIAL. INCLUDES MATERIAL FOR INTERSECTION FILLETS AND DRIVEWAYS. MATERIAL SHALL BE PLACED IN 1 – 1½" LIFT IN THE ROADWAY AND 1 – 2" LIFT FOR NEW FILLETS. CERTIFIED PLANT INSPECTION SHALL APPLY.
7.	2303-1258343	ASPHALT BINDER, PG 58-34S, STANDARD TRAFFIC	TON	845.7	69.4	915.1	ITEM INTENDED FOR USE WITH THE INTERMEDIATE AND SURFACE HMA BID ITEMS.
8.	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES	LUMP SUM	1	0	1	
9.	2303-7000610	PAYMENT ADJUSTMENT INCENTIVE/DISCENTIVE FOR HMA MIXTURE LAB VOIDS (FORMULA-BY PAY FACTOR)	EACH	14,095	1,156	15,251	
10.	2303-7000620	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE FIELD VOIDS (FORMULA-BY PAY FACTOR)	EACH	14,095	1,156	15,251	
11.	2303-9091010	RUMBLE STRIP PANEL (HMA SURFACE)	EACH	2	0	2	RUMBLE STRIPS SHALL BE ADDED AT STA. 312+03, AND STA. 316+33.
12.	2318-1001100	COLD-IN-PLACE RECYCLED ASPHALT PAVEMENT	SQ. YDS.	72,563	0	72,563	COLD–IN–PLACE SHALL BE CONDUCTED ON 4" OF THE EXISTING PAVEMENT. WORK SHALL BE ACCOMPLISHED BY MILLING, INJECTION, PLACING, AND COMPACTING. A FLOATING SCREED ATTACHED TO THE RECYCLING MACHINE WILL NOT BE ALLOWED. ALL BLADING OR DEBRIS/VEGITATION REMOVAL SHALL BE INCIDENTAL TO THIS ITEM.
13.	2318-1001220	ASPAHLT STABILIZING AGENT (FOAMED ASPHALT)	TON	319.28	0	319.28	SHALL BE FOAMED ASPHALT PG 52–34 AT THE APPLICATION RATE OF 0.0011 (TONS/YD2/IN).
14.	2401-6745359	REMOVAL OF CONCRETE FOUNDATIONS OF LIGHT POLE	SQ.YDS.	0	1	1	ITEM SHALL INCLUDE REMOVAL AND DISPOSAL OF EXISTING CONCRETE FOUNDATION OF A LIGHT POLE, INCLUDING ALL CONNECTION HARDWARE, CONCRETE, AND INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.
15.	2401-6745635	REMOVAL OF EXISTING HANDRAIL	LUMP SUM	0	1	1	ITEM SHALL INCLUDE REMOVAL AND DISPOSAL OF EXISTING HANDRAIL ON BRIDGE AND 3rd ST. INCLUDING ALL POSTS, CONNECTION HARDWARE, CONCRETE ENCASEMENT, AND INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

WOODBURY COUNTY
ENGINEERS OFFICE

JSG DRAWN BY:
JSG DESIGNED BY:
LMS APPROVED BY:
DATE: REVISION DATE:

PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: ESTIMATE OF QUANTITIES AND REFERENCE INFORMATION

PROJECT NO.
FM-CO97(156)–55-97

SHEET
C.01

ESTIMATED QUANTITIES

No.	ITEM CODE	ITEM	UNIT	DIV. I	DIV. II	TOTAL	ESTIMATE REFERENCE NOTES
16.	2435-0251110	INTAKE, SW-511 MODIDFIED	EACH	0	2	2	ITEM SHALL BE CONSTRUCTED OF CAST–IN–PLACE CLASS C CONCRETE IN ACCORDANCE WITH SUDAS. SEE B.01 FOR DETAILS. ITEM SHALL INCLUDE ALL EXCAVATION, FORMWORK, REINFORCING STEEL, CONCRETE, FRAME AND GRATE, CONNECTIONS TO PROPOSED AND EXISTING STORM SEWER, BACKFILL, COMPACTION, DEWATERING, RESTORATION, AND INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK. CONTRACTOR SHALL ADJUST THE INTAKE TO FINAL GRADE
17.	2435-0251310	INTAKE, SW-513 MODIFIED	EACH	0	1	1	ITEM SHALL BE CONSTRUCTED OF CAST–IN–PLACE CLASS C CONCRETE IN ACCORDANCE WITH SUDAS. SEE B.01 FOR DETAILS. ITEM SHALL INCLUDE ALL EXCAVATION, FORMWORK, REINFORCING STEEL, CONCRETE, CONNECTIONS TO PROPOSED AND EXISTING STORM SEWER, BACKFILL, COMPACTION, DEWATERING, RESTORATION, AND INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK. CONTRACTOR SHALL ADJUST TO FINAL GRADE.
18.	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	0	5	5	SEE TABULATION ON SHEET B.03
19.	2503-0111012	STORM SEWER, TRENCHED, HDPE, 12"	LIN. FT.	0	68	68	STORM SEWER SHALL BE TYPE S, CORRUGATED EXTERIOR AND SMOOTH INTERIOR
20.	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LIN. FT.	0	50	50	ALL MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL MATERIAL REMOVED. INCLUDES REMOVAL AND REPLACEMENT OF SOIL NECESSARY FOR PIPE REMOVAL.
21.	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LIN. FT.	260	0	260	REMOVE EXISTING GUARDRAIL AT STA. 11+55 AND 15+00 IN DIVISION I. GUARDRAIL SHALL BE REMOVED AND STOCKPILED ON SITE AND SHALL REMAIN THE PROPERTY OF WOODBURY COUNTY.
22.	2505-4008420	STEEL BEAM GUARDRAIL TRANSITION SECTION, BA-221	EACH	4	0	4	SEE TABULATION ON SHEET B.03 AND STANDARD ROAD PLANS
23.	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	4	0	4	SEE TABULATION ON SHEET B.03 AND STANDARD ROAD PLANS
24.	2505-4021722	STEEL BEAM GUARDRAIL TERMINAL END TERMINAL, BA-225	EACH	4	0	4	SEE TABULATION ON SHEET B.03 AND STANDARD ROAD PLANS
25.	2510-6745850	REMOVAL OF PAVEMENT	SQ. YDS.	0	240	240	ITEM INCLUDES REMOVAL OF ALL ASPHALT, SIDEWALK, AND CONCRETE PAVEMENT AS NEEDED. REMOVED MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR AND DISPOSED OF PROPERLY. INCLUDES FULL–DEPTH SAW CUT, BREAKING, REMOVING AND DISPOSAL.
26.	2511-7526004	SIDEWALK, PCC, 4"	SQ.YDS.	0	30	30	USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. ITEM INCLUDES MINOR GRADE AT INTERSECTIONS, SUBGRADE PREPARATION, FORMWORK, ADDITIONAL THICKNESS AT THICKENED EDGES, JOINTING, SAMPLING, AND TESTING. ALSO INCLUDES NECESSARY GRADING AND BACKFILLING WITH TOPSOIL AND REMOVAL OF TREE ROOTS WITHIN 6" OF THE SIDEWALK IN ALL DIRECTIONS. QUANTITY MAY VARY FROM THAT SHOWN
27.	2511-7526006	SIDEWALK, PCC, 6"	SQ.YDS.	0	206	206	USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. ITEM INCLUDES MINOR GRADE AT INTERSECTIONS, SUBGRADE PREPARATION, FORMWORK, ADDITIONAL THICKNESS AT THICKENED EDGES, JOINTING, SAMPLING, AND TESTING. ALSO INCLUDES NECESSARY GRADING AND BACKFILLING WITH TOPSOIL AND REMOVAL OF TREE ROOTS WITHIN 6" OF THE SIDEWALK IN ALL DIRECTIONS. QUANTITY MAY VARY FROM THAT SHOWN
28.	2511-7528101	DETECTABLE WARNINGS	SQ.FT.	0	150	150	YELLOW FIBERGLASS DOMES. RADIAL DOMES WILL NOT BE PAID SEPARATELY. DETECTABLE WARNINGS SHALL BE 2 FOOT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL AND EXTEND THE FULL WIDTH OF THE RAMP RUN
29.	2523-0000100	LIGHTING POLE	EACH	0	1	1	ITEM SHALL INCLUDE CONSTRUCTION OF A STREET LIGHT POLE FOUNDATION AND BASE USING CLASS C CONCRETE. PAYMENT SHALL INCLUDE ALL MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK, INCLUDING EXCAVATION, DEWATERING, SHORING, LOCATING AND PROTECTING EXISTING UTILITIES, FORMWORK, REINFORCING STEEL, ANCHOR BOLTS, BEDDING, CONDUIT STUBS, LIGHT POLE HANDHOLE INSTALLATION, FOUNDATION CAP AT FINISHED GRADE, BACKFILL, COMPACTION, AND RESTORATION. BASE SHALL BE COMPLIANT WITH THE LIGHT POLES MANUFACTURERS REQUIREMENTS. LIGHT POLE SHALL BE INSTALLED BY THE CITY.
30.	2526-8285040	CONSTRUCTION SURVEY, LOCATION SURVEY	LUMP SUM	0	1	1	ITEM SHALL INCLUDE THE SURVEY AND INSPECTION OF ALL ITEMS INCORPORATED IN SIDEWALKS, ADA, AND UTILITIES. THIS ITEM DOES NOT INCLUDE THE INSPECTION OF ROADWAYS.

WOODBURY COUNTY
ENGINEERS OFFICE

JSG DRAWN BY:
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PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: ESTIMATE OF QUANTITIES AND REFERENCE INFORMATION

PROJECT NO.
FM-CO97(156)–55-97

SHEET
C.02

ESTIMATED QUANTITIES

No.	ITEM CODE	ITEM	UNIT	DIV. I	DIV. II	TOTAL	ESTIMATE REFERENCE NOTES
31.	2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA'S	514.42	4.5	518.92	SEE TABULATION ON SHEET B.03
32.	2528-2518000	SAFETY CLOSURE	EACH	0	32	32	SAFETY CLOSURES ARE INTENDED FOR USE ON SIDEWALKS TO PROTECT PEDESTRIANS DURING CONSTRUCTION OPERATIONS. INSTALL AND MAINTAIN SIDEWALK SAFETY CLOSURES AT ALL LOCATIONS WHERE PEDESTRIAN ACCESS IS RESTRICTED.
33.	2528-8445110	TRAFFIC CONTROL	LUMP SUM	0.9	0.1	1	
34.	2528-8445113	FLAGGERS	EACH	PROPOSAL	PROPOSAL	PROPOSAL	
35.	2528-8445115	PILOT CARS	EACH	PROPOSAL	PROPOSAL	PROPOSAL	
36	2533-4980005	MOBILIZATION	LUMP SUM	0.9	0.1	1	
37.	2599-9999009	STORM SEWER, TRENCHED, HDPE, 6 IN.	LIN. FT.	0	29	29	STORM SEWER SHALL BE TYPE S, CORRUGATED EXTERIOR AND SMOOTH INTERIOR
38.	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	0	0.03	0.03	
39.	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LIN. FT.	0	100	100	INCLUDES INSTALLATION AND REMOVAL OF EROSION CONTROL DEVICES NECESSARY TO STABILIZE SOIL AND PROTECT SURROUNDING PAVEMENTS DURING SEED ESTABLISHMENT.

WOODBURY COUNTY
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PROJECT NO.
FM-CO97(156)–55-97

SHEET
C.03

N. CAULEY AVENUE

N. THIRD AVENUE

E. BRIDGE STREET

E. BRIDGE STREET

INV. = 1116.89

P-84 9'x6" @ 1.00%

INV. = 1116.80

P-85 8'x6" @ 1.00%

INV. = 1116.88

INV. = 1116.80

CONTRACTOR TO GRADE DITCH
TO ALLOW PIPE TO DRAIN

1117.5

1118.0

N

0 3 6

SCALE IN FEET

INV. = 1115.17

INV. = 1115.17

REMOVE EXISTING STORM SEWER

P-98 9'x12" @ 1.00%

P-94 9'x12" @ 1.00%

REMOVE EXISTING STORM SEWER

INV. = 1115.26

INV. = 1115.26

P-93 9'x12" @ 1.00%

INV. = 1115.35

INV. = 1115.35

INV. = 1115.26

INV. = 1115.26

P-92 9'x12" @ 1.00%

SW-511 MODIFIED
RIM ELV. = 1116.70

1117.0

INV. = 1117.14

INV. = 1117.20

REMOVE EXISTING STORM SEWER

P-86 7'x6" @ 1.00%

CONTRACTOR TO GRADE DITCH
TO ALLOW PIPE TO DRAIN

INV. = 1117.56

P-87 6'x6" @ 1.00%

INV. = 1117.30

REMOVE EXISTING STORM SEWER

SW-511 MODIFIED
RIM ELV. = 1117.00

INV. = 1115.56

INV. = 1115.56

P-91 8'x12" @ 1.00%

INV. = 1115.64

INV. = 1115.64

REMOVE EXISTING STORM SEWER

INV. = 1115.56

INV. = 1115.56

P-90 8'x12" @ 0.99%

REMOVE EXISTING STORM SEWER

P-89 8'x12" @ 1.00%

P-88 8'x12" @ 1.00%

INV. = 1115.48

INV. = 1115.48

ISG

WOODBURY COUNTY
ENGINEERS OFFICE

DRAWN BY:	SJS		
DESIGNED BY:	MLK		
APPROVED BY:	ALG		
DATE:	06/08/2026	REVISION	DATE:

PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: STORM SEWER DETAILS

PROJECT NO.
FM-C097(156--5-97)

SHEET
M.01

04/18/2017 00:00

SIDEWALK COMPLIANCE

See S Sheets

* Does not include curb

Refer to tabulation 113-01 for bid quantities.

Point to Point		Sidewalk Designation	_" PCC Sidewalk	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Measured Slope	Initials	Remarks
				FT	FT	%	Pos. or Neg.	%		
1000	1001	Sidewalk Running Slope	4	6.6	0.34	0.052	0.5% to 6.2%			Slope required to match existing conditions
1001	1002	Landing/Turning Space	4	4.5	0.07	0.015	0.1% to 2.0%			
1001	1010	Landing/Turning Space	4	5.8	-0.09	-0.015	0.1% to 2.0%			
1002	1007	Landing/Turning Space	4	8.1	-0.12	-0.015	0.1% to 2.0%			
1002	1003	Sidewalk Running Slope	4	7.9	0.08	0.01	0.5% to 5.0%			
1003	1006	Sidewalk Cross Slope	4	8.1	-0.12	-0.015	0.5% to 2.0%			
1003	1004	Sidewalk Running Slope	4	7.8	-0.37	-0.047	0.5% to 5.0%			
1004	1005	Sidewalk Cross Slope	4	8	-0.09	-0.011	0.5% to 2.0%			
1005	1006	Sidewalk Running Slope	4	7.7	0.34	0.044	0.5% to 5.0%			
1006	1007	Sidewalk Running Slope	4	8	-0.08	-0.01	0.5% to 5.0%			
1007	1010	Landing/Turning Space	4	5	-0.03	-0.007	0.1% to 2.0%			
1007	1008	Ramp Running Slope	6	6.8	-0.23	-0.034	0.5% to 8.3%			
1008	1009	Crosswalk Cross Slope - Yield Condition	6	5	0.06	0.012	0.0% to 2.0%			
1009	1010	Ramp Running Slope	6	6.7	0.14	0.02	0.5% to 8.3%			
1100	1101	Match Existing Cross Slope	4	1	-0.03	-0.034	Match Existing			
1100	1108	Match Existing Cross Slope	4	6.5	0.07	0.011	Match Existing			
1101	1102	Match Existing Cross Slope	4	1.1	-0.02	-0.018	Match Existing			
1102	1103	Crosswalk Cross Slope - Yield Condition	6	5	-0.08	-0.015	0.0% to 2.0%			
1102	1107	Ramp Running Slope	6	4.7	0.18	0.037	0.5% to 8.3%			
1103	1104	Match Existing Cross Slope	4	3.7	-0.03	-0.007	Match Existing			
1103	1106	Ramp Running Slope	6	4.6	0.22	0.048	0.5% to 8.3%			
1104	1105	Match Existing Cross Slope	4	4.7	0.15	0.032	Match Existing			
1105	1106	Sidewalk Running Slope	4	3.7	0.1	0.027	0.5% to 5.0%			
1106	1111	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
1106	1107	Landing/Turning Space	4	5	0.03	0.006	0.1% to 2.0%			
1107	1110	Landing/Turning Space	4	5	0.08	0.016	0.1% to 2.0%			
1107	1108	Sidewalk Running Slope	4	5.5	-0.05	-0.009	0.5% to 5.0%			
1108	1109	Match Existing Cross Slope	4	5.1	0.08	0.017	Match Existing			
1109	1110	Sidewalk Running Slope	4	5.5	0.04	0.008	0.5% to 5.0%			
1110	1111	Landing/Turning Space	4	5	-0.03	-0.007	0.1% to 2.0%			
1111	1112	Sidewalk Running Slope	4	3.7	-0.04	-0.011	0.5% to 5.0%			
1105	1112	Match Existing Cross Slope	4	5.1	0.14	0.027	Match Existing			
2000	2008	Match Existing Cross Slope	4	3.9	0.03	0.008	Match Existing			
2000	2001	Sidewalk Running Slope	4	4	0.18	0.046	0.5% to 5.0%			
2001	2007	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
2001	2002	Landing/Turning Space	4	4	0.06	0.015	0.1% to 2.0%			
2002	2006	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
2002	2003	Ramp Running Slope	6	14.6	-0.25	-0.017	0.5% to 8.3%			
2003	2005	Crosswalk Cross Slope - Yield Condition	6	5	0.03	0.005	0.0% to 2.0%			
2003	2004	Sidewalk Running Slope	4	3	-0.03	-0.011	0.5% to 5.0%			

ISG

WOODBURY COUNTY
ENGINEERS OFFICE

SJS DRAWN BY:
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06/08/2026 DATE:
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PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: SIDEWALK SCHEDULE

PROJECT NO.
FM-C097(156--5-97)

SHEET
S.01

2004	2005	Crosswalk Cross Slope - Yield Condition	6	5.8	0.06	0.01	0.0% to 2.0%			
2005	2006	Ramp Running Slope	6	14.6	0.15	0.01	0.5% to 8.3%			
2006	2007	Landing/Turning Space	4	4	-0.06	-0.015	0.1% to 2.0%			
2007	2008	Sidewalk Running Slope	4	4	-0.08	-0.019	0.5% to 5.0%			
2100	2122	Match Existing Cross Slope	4	5	0.04	0.007	Match Existing			
2100	2101	Sidewalk Running Slope	4	1.2	-0.01	-0.011	0.5% to 5.0%			
2101	2122	Crosswalk Cross Slope - Yield Condition	6	5	0.05	0.01	0.0% to 2.0%			
2101	2102	Ramp Running Slope	6	4.9	-0.07	-0.014	0.5% to 8.3%			
2102	2121	Ramp Cross Slope	6	5	0.05	0.01	0.1% to 2.0%			
2102	2103	Ramp Running Slope	6	5	0.05	0.009	0.5% to 8.3%			
2103	2120	Ramp Cross Slope	6	5	-0.07	-0.013	0.1% to 2.0%			
2103	2104	Ramp Running Slope	6	5	-0.06	-0.013	0.5% to 8.3%			
2104	2119	Ramp Cross Slope	6	5	-0.07	-0.015	0.1% to 2.0%			
2104	2105	Ramp Running Slope	6	5	0.07	0.014	0.5% to 8.3%			
2105	2118	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
2105	2108	Landing/Turning Space	4	5	0.05	0.01	0.1% to 2.0%			
2105	2106	Sidewalk Running Slope	4	4.1	-0.23	-0.056	0.5% to 6.6%			Slope required to match existing conditions
2106	2107	Match Existing Cross Slope	4	3.9	0.04	0.011	Match Existing			
2107	2108	Sidewalk Running Slope	4	4	0.24	0.06	0.5% to 7%			Slope required to match existing conditions
2108	2109	Sidewalk Running Slope	4	4.4	-0.35	-0.08	0.5% to 9%			Slope required to match existing conditions
2108	2111	Landing/Turning Space	4	5	-0.05	-0.01	0.1% to 2.0%			
2109	2110	Match Existing Cross Slope	4	3.9	-0.07	-0.017	Match Existing			
2110	2111	Sidewalk Running Slope	4	4.6	0.37	0.08	0.5% to 9%			Slope required to match existing conditions
2111	2118	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
2111	2112	Ramp Running Slope	6	5	-0.1	-0.02	0.5% to 8.3%			
2112	2117	Ramp Cross Slope	6	5	-0.07	-0.015	0.1% to 2.0%			
2112	2113	Ramp Running Slope	6	5	0.25	0.049	0.5% to 8.3%			
2113	2116	Ramp Cross Slope	6	5	-0.08	-0.015	0.1% to 2.0%			
2113	2114	Ramp Running Slope	6	8	0.19	0.024	0.5% to 8.3%			
2114	2115	Crosswalk Cross Slope - No Yield Condition	6	5	0.04	0.008	0.0% to 5.0%			
2115	2116	Ramp Running Slope	6	6.2	-0.31	-0.05	0.5% to 8.3%			
2116	2117	Ramp Running Slope	6	5	-0.25	-0.049	0.5% to 8.3%			
2117	2118	Ramp Running Slope	6	5	0.1	0.02	0.5% to 8.3%			
2118	2119	Ramp Running Slope	6	5	-0.07	-0.014	0.5% to 8.3%			
2119	2120	Ramp Running Slope	6	5	0.07	0.014	0.5% to 8.3%			
2120	2121	Ramp Running Slope	6	5	0.07	0.014	0.5% to 8.3%			
2121	2122	Ramp Running Slope	6	4.9	0.07	0.014	0.5% to 8.3%			
2200	2212	Match Existing Cross Slope	4	4.5	0.43	0.097	Match Existing			Slope required to match existing conditions
2200	2201	Sidewalk Running Slope	4	4.5	0.12	0.027	0.5% to 5.0%			
2201	2211	Landing/Turning Space	4	5	0.07	0.015	0.1% to 2.0%			
2201	2202	Landing/Turning Space	4	5	0.07	0.015	0.1% to 2.0%			
2202	2206	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
2202	2203	Ramp Running Slope	6	13.6	0.42	0.031	0.5% to 8.3%			
2203	2205	Crosswalk Cross Slope - Yield Condition	6	5	-0.09	-0.018	0.0% to 2.0%			
2203	2204	Sidewalk Cross Slope	4	5.3	-0.06	-0.011	0.5% to 2.0%			
2204	2205	Sidewalk Running Slope	4	1.7	-0.03	-0.018	0.5% to 5.0%			
2205	2206	Ramp Running Slope	6	13.6	-0.25	-0.018	0.5% to 8.3%			
2206	2211	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
2206	2207	Sidewalk Running Slope	4	4.5	0.14	0.032	0.5% to 5.0%			
2207	2210	Sidewalk Cross Slope	4	5	-0.07	-0.015	0.5% to 2.0%			

ISG

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PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: SIDEWALK SCHEDULE

PROJECT NO.
FM-C097(156--5-97)

SHEET
S.02

2207	2208	Sidewalk Running Slope	4	4.6	0.38	0.084	0.5% to 9.4%			Slope required to match existing conditions
2208	2209	Match Existing Cross Slope	4	4.4	-0.32	-0.072	Match Existing			Slope required to match existing conditions
2209	2210	Sidewalk Running Slope	4	4.5	-0.14	-0.032	0.5% to 5.0%			
2210	2211	Sidewalk Running Slope	4	4.5	-0.14	-0.032	0.5% to 5.0%			
2211	2212	Sidewalk Running Slope	4	4.5	0.24	0.053	0.5% to 6.3%			Slope required to match existing conditions
2300	2316	Crosswalk Cross Slope - Yield Condition	6	5	-0.06	-0.012	0.0% to 2.0%			
2300	2301	Ramp Running Slope	6	10.1	0.19	0.019	0.5% to 8.3%			
2301	2315	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
2301	2309	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
2301	2302	Ramp Running Slope	6	5	-0.05	-0.01	0.5% to 8.3%			
2302	2308	Ramp Cross Slope	6	5	0.08	0.015	0.1% to 2.0%			
2302	2303	Ramp Running Slope	6	5	0.05	0.01	0.5% to 8.3%			
2303	2307	Ramp Cross Slope	6	5	0.08	0.015	0.1% to 2.0%			
2303	2304	Ramp Running Slope	6	4.5	0.05	0.01	0.5% to 8.3%			
2304	2306	Crosswalk Cross Slope - No Yield Condition	6	5	0.05	0.011	0.0% to 5.0%			
2304	2305	Match Existing Cross Slope	4	5.4	0.02	0.004	Match Existing			
2305	2306	Ramp Running Slope	6	2	0.03	0.016	0.5% to 8.3%			
2306	2307	Ramp Running Slope	6	4.5	-0.02	-0.005	0.5% to 8.3%			
2307	2308	Ramp Running Slope	6	5	-0.05	-0.01	0.5% to 8.3%			
2308	2309	Ramp Running Slope	6	5	0.05	0.01	0.5% to 8.3%			
2309	2312	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
2309	2310	Sidewalk Running Slope	4	5.2	0.04	0.007	0.5% to 5.0%			
2310	2311	Match Existing Cross Slope	4	4.4	0.03	0.007	Match Existing			
2311	2312	Sidewalk Running Slope	4	5.1	0.01	0.002	0.5% to 5.0%			Slope required to match existing conditions
2312	2315	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
2312	2313	Sidewalk Running Slope	4	5.1	0.04	0.008	0.5% to 5.0%			
2313	2314	Match Existing Cross Slope	4	4.4	-0.08	-0.018	Match Existing			
2314	2315	Sidewalk Running Slope	4	5.2	-0.04	-0.007	0.5% to 5.0%			
2315	2316	Ramp Running Slope	6	10.3	-0.32	-0.031	0.5% to 8.3%			
3000	3014	Match Existing Cross Slope	4	4.2	-0.08	-0.019	Match Existing			
3000	3001	Sidewalk Running Slope	4	3.9	-0.06	-0.016	0.5% to 5.0%			
3001	3013	Sidewalk Cross Slope	4	5	-0.08	-0.015	0.5% to 2.0%			
3001	3002	Sidewalk Running Slope	4	3.9	-0.06	-0.015	0.5% to 5.0%			
3002	3012	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
3002	3005	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
3002	3003	Sidewalk Running Slope	4	4.2	-0.07	-0.015	0.5% to 5.0%			
3003	3004	Match Existing Cross Slope	4	4.4	-0.07	-0.015	Match Existing			
3004	3005	Sidewalk Running Slope	4	4.2	0.06	0.013	0.5% to 5.0%			
3005	3009	Landing/Turning Space	4	5	-0.07	-0.015	0.1% to 2.0%			
3005	3006	Ramp Running Slope	6	19.9	0.2	0.01	0.5% to 8.3%			
3006	3007	Sidewalk Running Slope	4	1.1	0.02	0.016	0.5% to 5.0%			
3006	3008	Crosswalk Cross Slope - Yield Condition	6	5	0.02	0.004	0.0% to 2.0%			
3007	3008	Match Existing Cross Slope	4	5.1	0	0	Match Existing			
3008	3009	Ramp Running Slope	6	19.9	-0.29	-0.015	0.5% to 8.3%			
3009	3010	Ramp Running Slope	6	15.5	0.3	0.019	0.5% to 8.3%			
3009	3012	Landing/Turning Space	4	5	0.07	0.015	0.1% to 2.0%			
3010	3011	Match Existing Cross Slope	4	5	0	0	Match Existing			
3011	3012	Ramp Running Slope	6	15.5	-0.23	-0.015	0.5% to 8.3%			
3012	3013	Sidewalk Running Slope	4	3.9	0.06	0.014	0.5% to 5.0%			

ISG

WOODBURY COUNTY
ENGINEERS OFFICE

SJS DRAWN BY:
MLK DESIGNED BY:
ALG APPROVED BY:
06/08/2026 DATE:
REVISION DATE:

PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: SIDEWALK SCHEDULE

PROJECT NO.
FM-C097(156--5-97)

SHEET
S.03

3100	3109	Crosswalk Cross Slope - Yield Condition	6	5	0.02	0.004	0.0% to 2.0%			
3100	3101	Ramp Running Slope	6	21.3	0.38	0.018	0.5% to 8.3%			
3101	3108	Landing/Turning Space	4	5	-0.02	-0.005	0.1% to 2.0%			
3101	3102	Landing/Turning Space	4	6	0.05	0.008	0.1% to 2.0%			
3102	3105	Landing/Turning Space	4	5	-0.03	-0.005	0.1% to 2.0%			
3102	3103	Match Existing Cross Slope	4	4.9	0.01	0.001	Match Existing			
3103	3104	Match Existing Cross Slope	4	4.5	-0.07	-0.015	Match Existing			
3104	3105	Sidewalk Running Slope	4	4.8	0.03	0.007	0.5% to 5.0%			
3105	3108	Landing/Turning Space	4	6	-0.05	-0.008	0.1% to 2.0%			
3105	3106	Ramp Running Slope	6	15.6	0.14	0.009	0.5% to 8.3%			
3106	3107	Crosswalk Cross Slope - No Yield Condition	6	6	0.01	0.002	0.0% to 5.0%			
3107	3108	Ramp Running Slope	6	15.6	-0.2	-0.013	0.5% to 8.3%			
3108	3109	Ramp Running Slope	6	21.3	-0.34	-0.016	0.5% to 8.3%			
3200	3212	Crosswalk Cross Slope - No Yield Condition	6	5	-0.05	-0.01	0.0% to 5.0%			
3200	3213	Crosswalk Cross Slope - No Yield Condition	6	5.1	-0.06	-0.012	0.0% to 5.0%			
3200	3201	Ramp Running Slope	6	16.2	0.1	0.006	0.5% to 8.3%			
3201	3211	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
3201	3202	Ramp Running Slope	6	20.1	0.29	0.014	0.5% to 8.3%			
3201	3205	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
3202	3203	Crosswalk Cross Slope - Yield Condition	6	5.3	0.08	0.015	0.0% to 2.0%			
3202	3204	Crosswalk Cross Slope - Yield Condition	6	5	0.07	0.014	0.0% to 2.0%			
3203	3204	Sidewalk Running Slope	4	1.8	-0.01	-0.006	0.5% to 5.0%			
3204	3205	Ramp Running Slope	6	20.1	-0.29	-0.014	0.5% to 8.3%			
3205	3208	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
3205	3206	Sidewalk Running Slope	4	5.4	0.08	0.016	0.5% to 5.0%			
3206	3207	Match Existing Cross Slope	4	4.5	-0.01	-0.002	Match Existing			
3207	3208	Match Existing Cross Slope	4	5.6	0	0	Match Existing			Slope required to match existing conditions
3208	3209	Sidewalk Running Slope	4	4.5	-0.09	-0.02	0.5% to 5.0%			
3208	3211	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
3209	3210	Match Existing Cross Slope	4	4.3	-0.06	-0.015	Match Existing			
3210	3211	Sidewalk Running Slope	4	4.6	0.08	0.017	0.5% to 5.0%			
3211	3212	Ramp Running Slope	6	16.4	-0.23	-0.014	0.5% to 8.3%			
3300	3309	Crosswalk Cross Slope - No Yield Condition	6	5	0.03	0.006	0.0% to 5.0%			
3300	3301	Ramp Running Slope	6	16.5	0.36	0.022	0.5% to 8.3%			
3301	3308	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
3301	3304	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
3301	3302	Sidewalk Running Slope	4	4.2	-0.18	-0.044	0.5% to 5.0%			
3302	3303	Match Existing Cross Slope	4	4.4	0.04	0.01	Match Existing			
3303	3304	Sidewalk Running Slope	4	4	0.22	0.054	0.5% to 6.4%			Slope required to match existing conditions
3304	3305	Landing/Turning Space	4	5	0.08	0.015	0.1% to 2.0%			
3305	3308	Landing/Turning Space	4	5	-0.08	-0.015	0.1% to 2.0%			
3305	3306	Ramp Running Slope	6	21.5	-0.37	-0.017	0.5% to 8.3%			
3306	3307	Crosswalk Cross Slope - Yield Condition	6	5	0.01	0.002	0.0% to 2.0%			
3307	3308	Ramp Running Slope	6	21.4	0.28	0.013	0.5% to 8.3%			
3308	3309	Ramp Running Slope	6	16.4	-0.4	-0.025	0.5% to 8.3%			

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WOODBURY COUNTY
ENGINEERS OFFICE

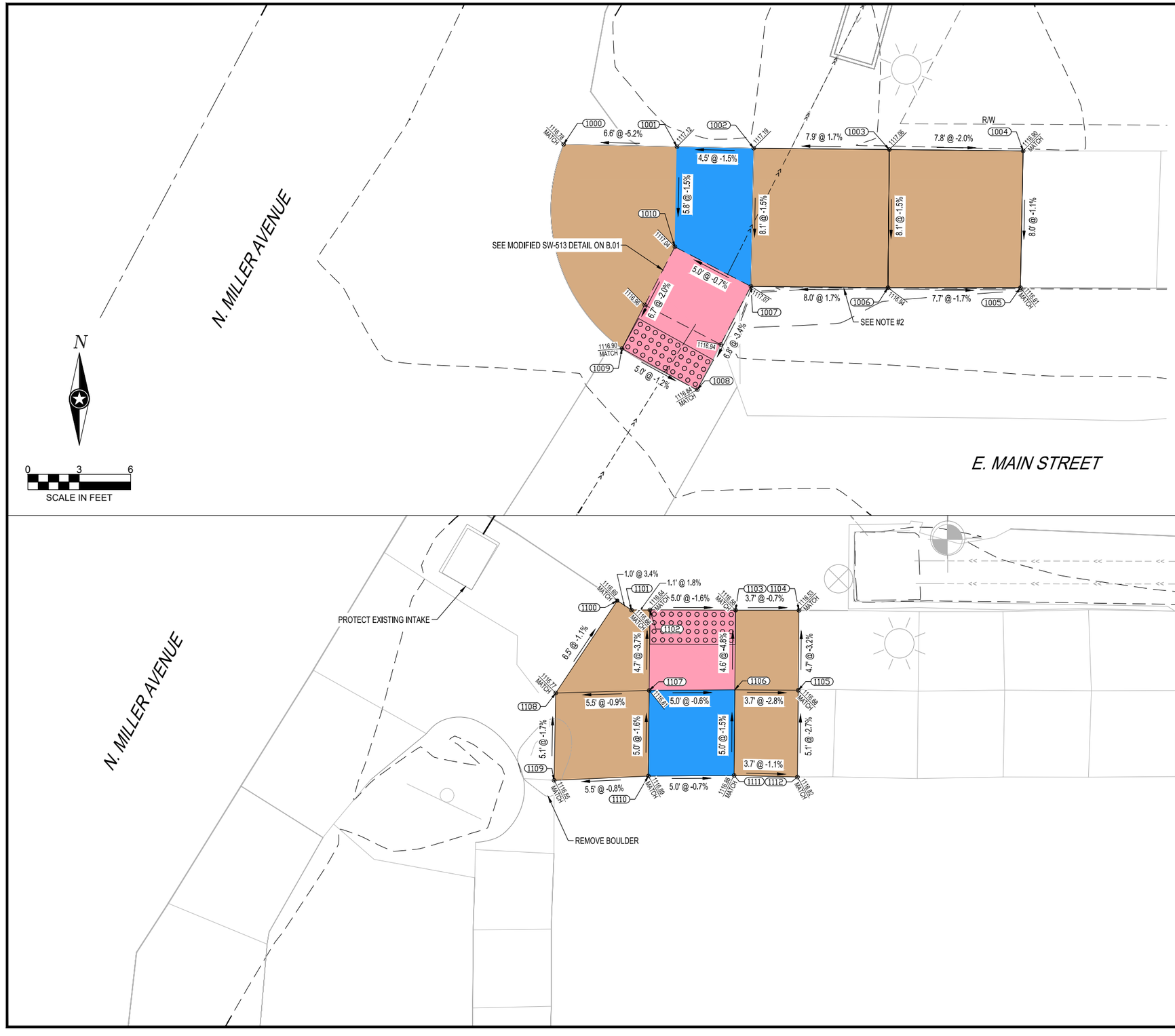
SJS DRAWN BY:
MLK DESIGNED BY:
ALG APPROVED BY:
06/08/2026 DATE:
REVISION DATE:

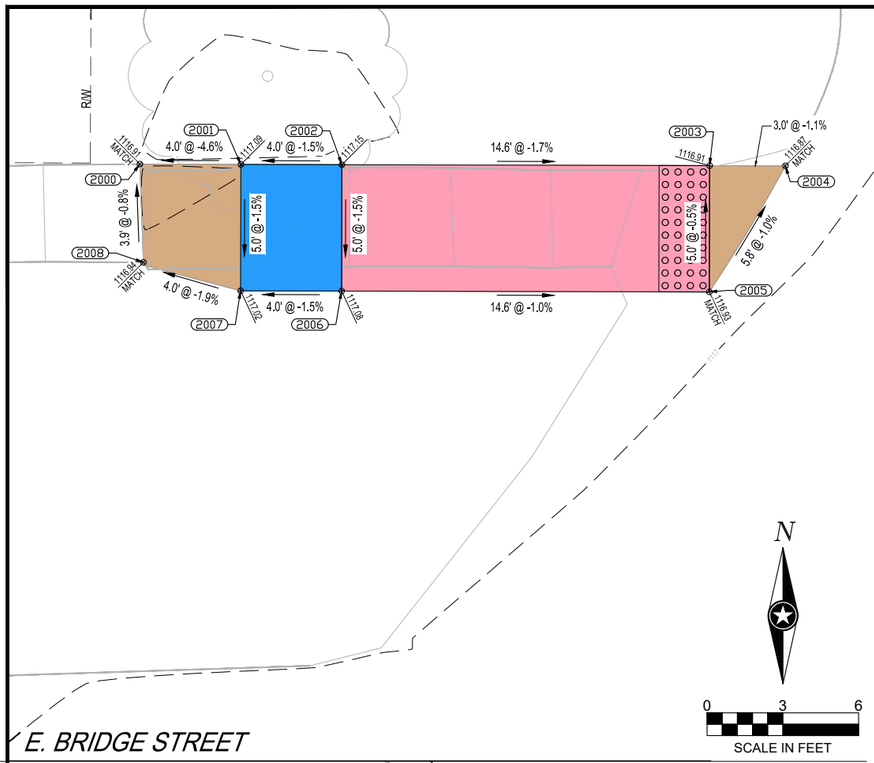
PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

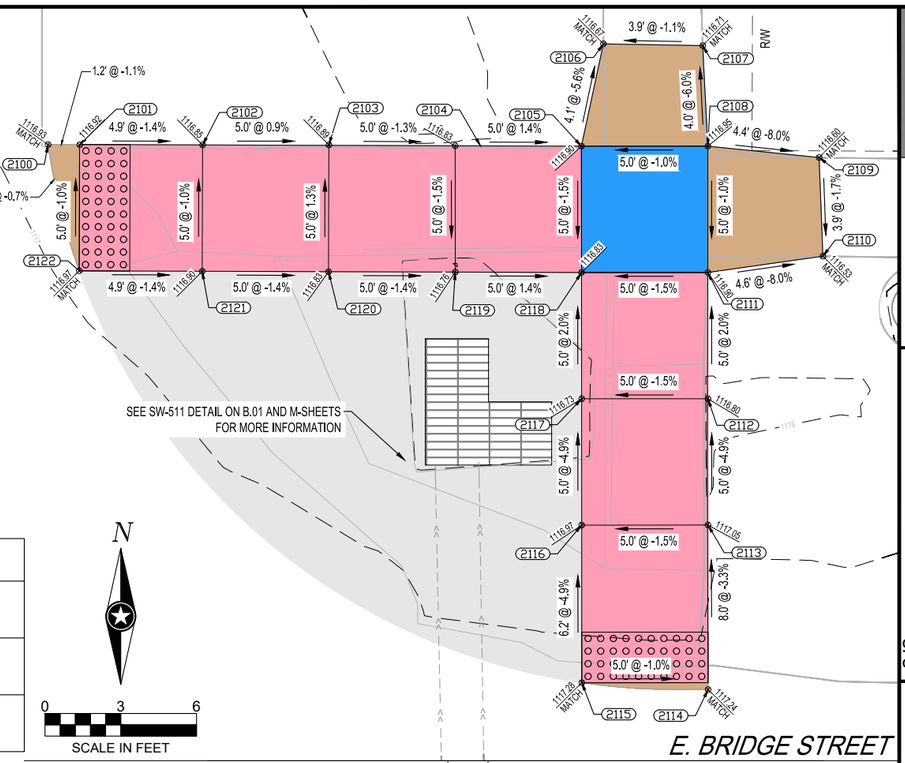
SHEET DESCRIPTION: SIDEWALK SCHEDULE

PROJECT NO.
FM-C097(156--5-97)

SHEET
S.04


N. MILLER AVENUE
E. MAIN STREET
N
0 3 6
SCALE IN FEET
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
6.6' @ -5.2%
4.5' @ -1.5%
5.8' @ -1.5%
8.1' @ -1.5%
7.9' @ 1.7%
7.8' @ -2.0%
8.1' @ -1.5%
8.0' @ -1.1%
R/W
SEE MODIFIED SW-513 DETAIL ON B.01
5.0' @ -0.7%
6.7' @ -2.0%
8.0' @ 1.7%
7.7' @ -1.7%
SEE NOTE #2
6.8' @ -3.4%
5.0' @ -1.2%
1116.90 MATCH
1116.94
1116.84 MATCH
1116.90 MATCH
1116.94
1116.84 MATCH
1116.90 MATCH
1116.94
1116.84 MATCH





ADA ACCESSIBILITY LEGEND

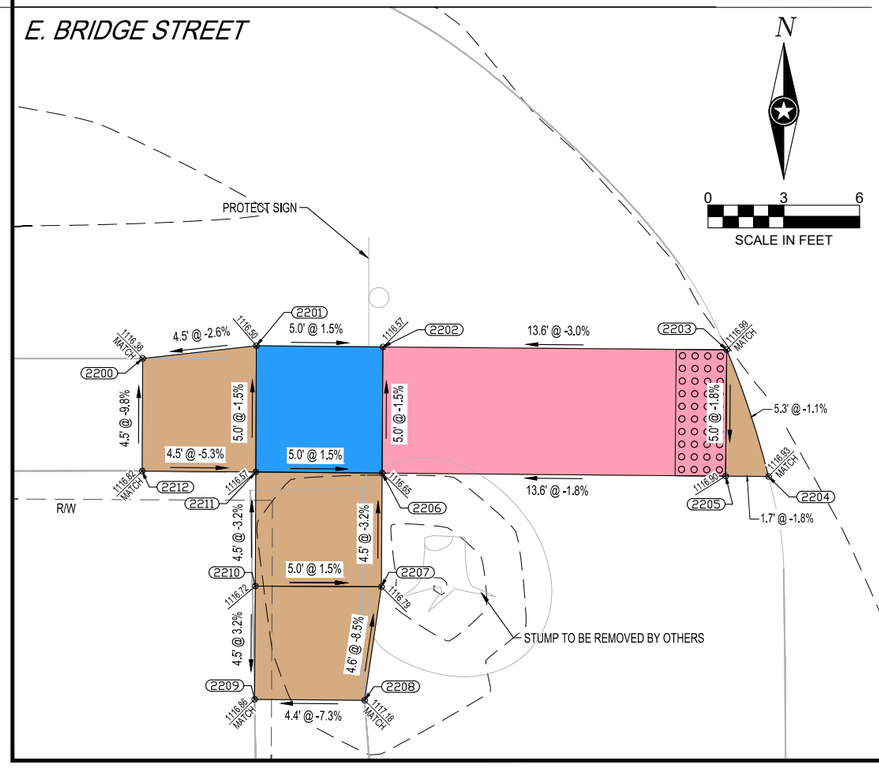
	PROPOSED LANDING SHADING
	PROPOSED SIDEWALK RAMP SHADING
	PROPOSED SIDEWALK SHADING

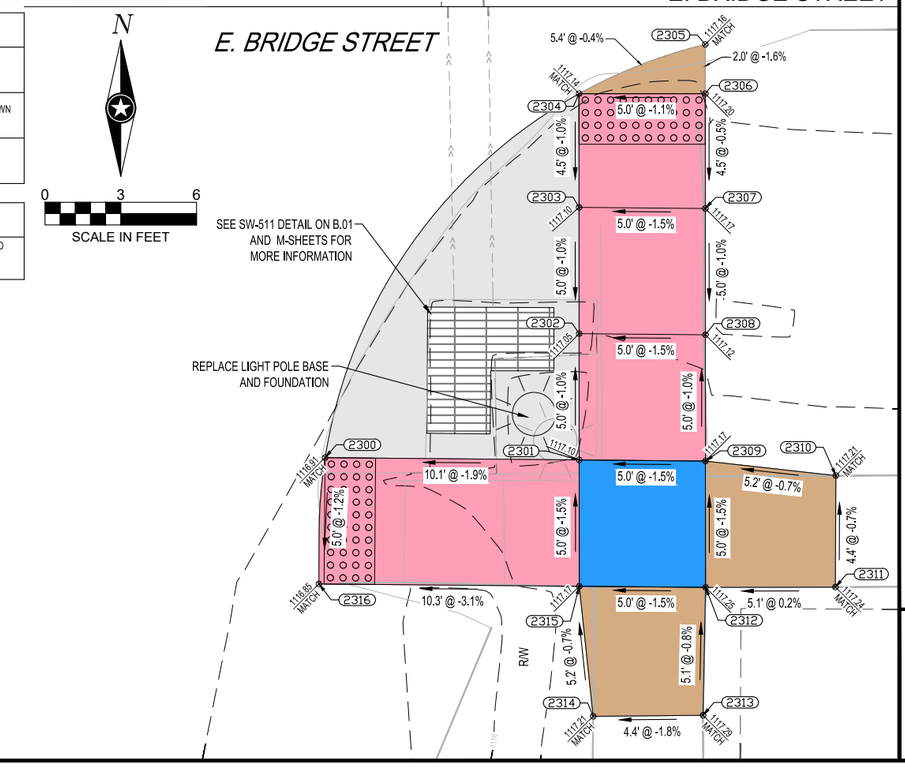
GRADING LEGEND

XX.XX	PROPOSED SPOT ELEVATION
XX.XX	PROPOSED TOP BACK OF CURB / TOP OF TURNDOWN WALK SPOT ELEVATION
-X.X%	SURFACE GRADE / DIRECTION

GENERAL GRADING NOTES

PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.





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ENGINEERS OFFICE

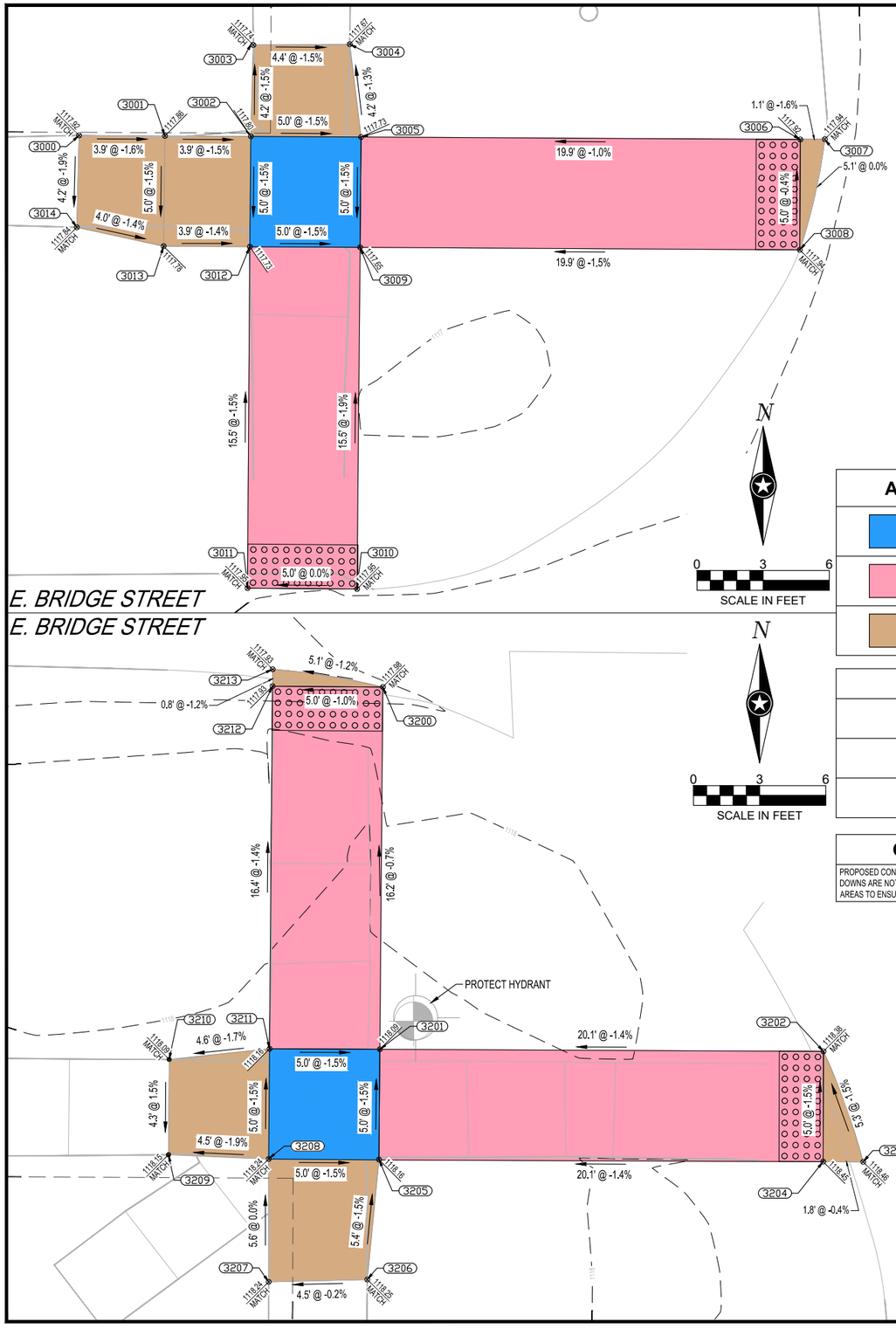
SJS	DRAWN BY:	
MLK	DESIGNED BY:	
ALG	APPROVED BY:	
06/08/2026	DATE:	REVISION DATE:

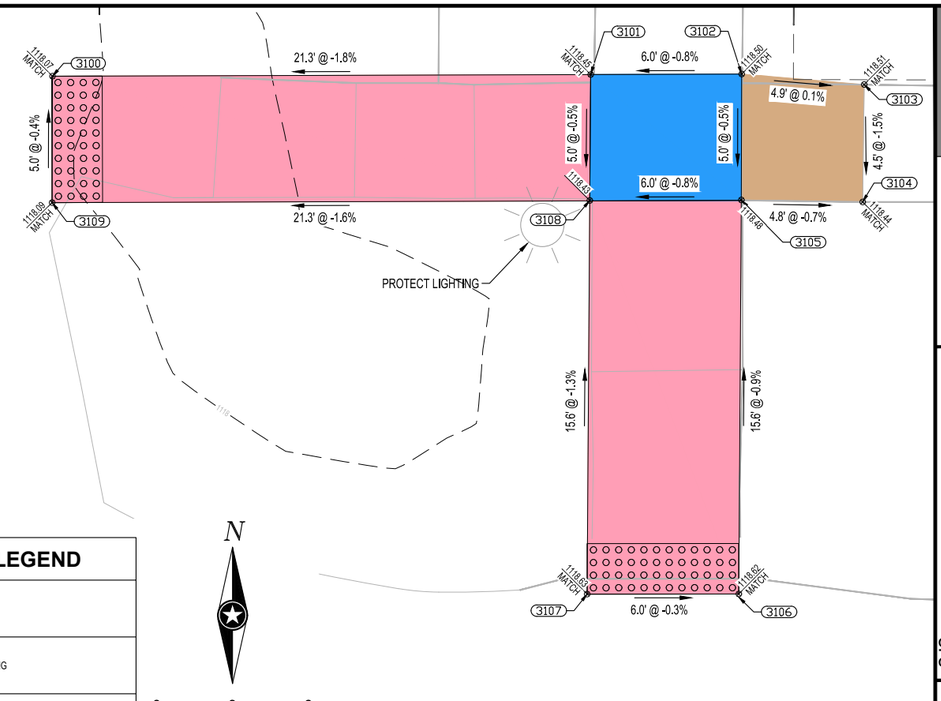
PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: SIDEWALK BRIDGE ST AND 3RD AVE

PROJECT NO.
FM-C097(156--5-97)

SHEET
S.06





ADA ACCESSIBILITY LEGEND

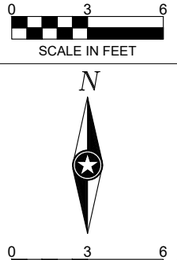
	PROPOSED LANDING SHADING
	PROPOSED SIDEWALK RAMP SHADING
	PROPOSED SIDEWALK SHADING

GRADING LEGEND

XXX.XX	PROPOSED SPOT ELEVATION
XXX.XX	PROPOSED TOP BACK OF CURB / TOP OF TURNDOWN WALK SPOT ELEVATION
-X.X%	SURFACE GRADE / DIRECTION

GENERAL GRADING NOTES

PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.



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WOODBURY COUNTY
ENGINEERS OFFICE

SJS	DRAWN BY:		
MLK	DESIGNED BY:		
ALG	APPROVED BY:		
06/08/2026	DATE:	REVISION	DATE:

PROJECT DESCRIPTION: D38 HMA RESURFACING AND COLD-IN-PLACE RECYCLING

SHEET DESCRIPTION: SIDEWALK BRIDGE ST AND CAULEY AVE

PROJECT NO.
FM-C097(156--5-97)

SHEET
S.07