C. S. McCrossan

7865 Jefferson Hwy, Maple Grove, MN 55369
Phone: 763.425.4167
Website: www.mccrossan.com

Request for Quote – SMBE/SWBE Subcontractors and Suppliers

Project: Hennepin County – CSAH 10 Pavement Rehabilitation
CP 2210404, SAP 027-610-036

Bid Date: Tuesday, November 24, 2026 at 2:00 pm

Quotes Due: Tuesday, November 24, 2026 at 9:00 am;
Send quotes to estimating@mccrossan.com

Project SMBE Goal: 13%; **Project SWBE Goal:** 14%
Project Workforce Goals: 32% Minority / 20% Female

C. S. McCrossan Construction, Inc. is submitting a bid on the above-referenced job and invites your company to submit a quote. C. S. McCrossan Construction, Inc. is an Equal Opportunity Employer and encourages participation from all certified SMBE/SWBE subcontractors, suppliers, and trucking companies.

Plans are available for free in our online plan room; please email estimating@mccrossan.com for a link.

A few things to note:

- On your quote, please note if a bond is included, or provide your bonding rate. We may require a bond for quotes that exceed $20,000.
- All non-SMBE/SWBE subcontractors and suppliers are expected to make a good faith effort to reach the goals on this project. Please note your participation, in detail, on your quote.
- All subcontractors are expected to make a good faith effort to reach the project workforce goals.

Please contact us if you need any assistance in the following areas:

1. Locating plans
2. Bonding, insurance, lines of credit
3. Technical assistance in preparing your quote
4. Breaking down work types into more economically feasible units
5. Locating equipment & supplies to prepare your quote

Thank you,
C. S. McCrossan Estimating Department
estimating@mccrossan.com
763-425-4167 (p) | 763-488-1649 (f)

See following pages for more information on this project, including work types, bid items, and project location.

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We have identified the following work types for this project. This is not an exhaustive list of all work types that could be present on this job. If you do not see a particular scope listed below but are interested in bidding on this project, please contact our office to see if additional opportunities may be available.

Aggregates	Asphalt Paving	Borrow
Clearing & Grubbing	Concrete Curb & Gutter / Sidewalk	Dewatering
Draintile	Dumpsters	Erosion Control
Excavation / Grading	Fencing	Field Office
Flagging	Guardrail	Mailboxes
Milling	Pipe Lining (CIPP)	Portable Restrooms
Reclamation	Removals	RipRap / Geotextiles
Sawcutting	Seed, Sod & Turf Establishment	Signing
Striping	Surveying	Sweeping
Traffic Control	Trucking	Underground Pipe/Structures

Please contact our Estimating Department if you have any further questions about this project. Thank you.

HENNEPIN COUNTY
MINNESOTA (https://www.hennepin.us/business/work-with-henn-co/contracting-with-hennepin-county#current-contracting-opportunities)

Purchasing and Contract Services (mailto:Support%20Desk%20Help%20Desk)

11/09/2026 10:20:58 AM CST

Return to Bid List

Bid

NUMBER
2210404
TITLE
CSAH 10 Pavement Rehabilitation
PROCESS
One Step Unsealing
BASE CURRENCY
USD
STATUS
Open for Bidding
CLOSES IN
15 days: 3 hours: 39 minutes: 2 seconds

DESCRIPTION | BID DOCUMENTS | CLARIFICATIONS | RESPONSE | BIDDERS | CALENDAR

NUMBER
2210404

TITLE
CSAH 10 Pavement Rehabilitation

AVAILABLE DATE
10/31/2026 12:00 AM

CLARIFICATION DEADLINE
11/17/2026 2:00 PM

DUE DATE
11/24/2026 2:00 PM

CONTACT INFORMATION
Submit all questions relating to the Plans, Specs, and Pricing Form through the Clarifications tab.

Other questions go to Eric M Drager (Transportation Dept) eric.drager@hennepin.us or Eric Ampadu (Purchasing Dept) eric.ampadu@hennepin.us

BID TYPE
Trans - Low Bid - Public

DESCRIPTION
SAP 027-610-036

Pavement rehabilitation of CSAH 10 from Rebecca Park Trail (CSAH 50) to CSAH 19 in the Cities of Corcoran, Greenfield and Rockford

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(Version: 2026.06-RC00)

ADDITIONAL INFORMATION

PLAN(S) LOCATION
(http://)

Please indicate your company's intent to bid.

- **Undecided**
- **No Bid**
- **Will Bid**

Notes

Submit Intent

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(Version: 2026.06-RC00)

MINNESOTA DEPARTMENT OF TRANSPORTATION
HENNEPIN COUNTY TRANSPORTATION DEPARTMENT

CITIES OF ROCKFORD, CORCORAN, AND GREENFIELD
CONSTRUCTION PLAN FOR STABILIZED FULL DEPTH RECLAMATION, RECONSTRUCTION, GRADING, BITUMINOUS SURFACING, CULVERT REPLACEMENT, SIGNING AND STRIPING
COUNTY STATE AID HIGHWAY NO. 10 (WOODLAND TRAIL)
CSAH 50 (REBECCA PARK TRAIL) TO CSAH 19 (LAKE INDEPENDENCE REGIONAL TRAIL)

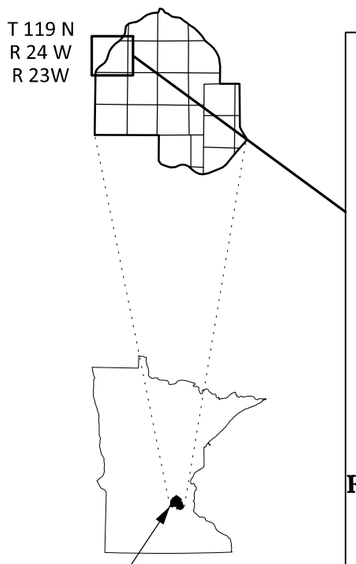
PROJECT IS LOCATED WITHIN THE FOLLOWING LAND SECTIONS:

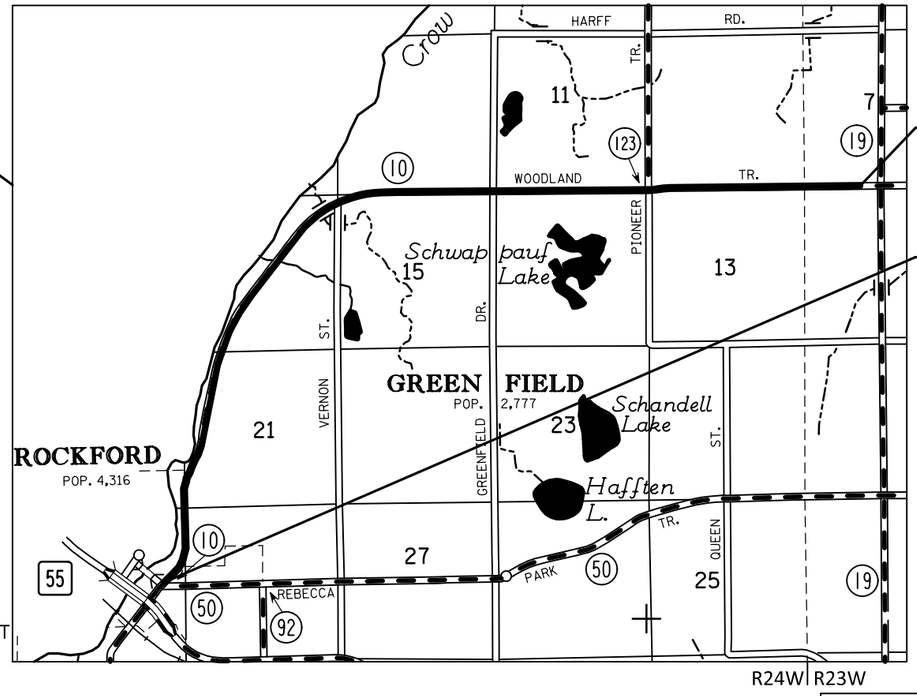
T 119 N, R 23 W SECTIONS:
7 , 18

T 119 N, R 24 W SECTIONS:
10, 11, 12, 13, 14, 15, 16, 20, 21, 28, 29

GROSS LENGTH	32,700.62	FEET	6.193	MILES
BRIDGE LENGTH	N/A	FEET	N/A	MILES
EXCEPTION LENGTH	N/A	FEET	N/A	MILES
NET LENGTH	32,700.62	FEET	6.193	MILES

THE PROJECT LENGTH AND DESCRIPTION ARE BASED ON P_CSAH10 ALIGNMENT





END CSAH 10 (WOODLAND TRAIL) CP NO 2210404
SAP 027-610-036
CSAH 10 (WOODLAND TRAIL) STA 433+83.78

BEGIN CSAH 10 (WOODLAND TRAIL) CP NO 2210404
SAP 027-610-036
CSAH 10 (WOODLAND TRAIL) STA 106+83.16

SCALES

PLAN	1" = 100'
INTERSECTION PLAN	N/A
INDEX MAP	1" = 5,000'
GENERAL LAYOUT	1" = 500'
TYPICALS	HORIZ. 1" = 10" VERT. 1" = 10"

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-22 ENTITLED "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES"

DESIGN DESIGNATION: CSAH 10

R-VALUE	12
ADT (CURRENT YEAR) 2026	3,950
ADT (FUTURE YEAR) 2046	4,750
PAVEMENT DESIGN	10 TONS
FUNCTIONAL CLASSIFICATION	MAJOR COLLECTOR
NO. OF TRAFFIC LANES	2
NO. OF PARKING LANES	0
ESALS (20)	1,507,000
DESIGN SPEED	40 MPH
BASED ON SIGHT DISTANCE	STOPPING
HEIGHT OF EYE / HEIGHT OF OBJECT	3.5' / 2.0'
DESIGN SPEED NOT ACHIEVED AT:	N/A

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: _____ LICENSE: #_____

DATE: __/__/____ SIGNATURE: _____

GOVERNING SPECIFICATIONS

THE 2025 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MN MUTCD) AND THE MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
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16-23	TABULATIONS
24-36	INPLACE UTILITY PLAN
37-43	TYPICAL SECTIONS
44-46	DESIGN DETAILS
47-58	REMOVAL PLAN
59-81	CONSTRUCTION PLAN
82-113	DRAINAGE PLAN
114-116	SWPPP PLAN
117-124	EROSION CONTROL AND TURF ESTABLISHMENT PLAN
125	TRAFFIC BARRIER PLAN
126-130	TRAFFIC CONTROL
131-149	SIGNING AND STRIPING PLAN
150-183	CROSS SECTIONS

THIS PLAN CONTAINS 183 SHEETS

APPROVED _____ HENNEPIN COUNTY: COUNTY HIGHWAY ENGINEER _____ DATE

RECOMMENDED FOR APPROVAL _____ HENNEPIN COUNTY: DESIGN DIVISION ENGINEER _____ DATE

APPROVED _____ CITY OF CORCORAN: CITY ENGINEER _____ DATE

APPROVED _____ CITY OF GREENFIELD: CITY ENGINEER _____ DATE

APPROVED _____ CITY OF ROCKFORD: CITY ENGINEER _____ DATE

_____ DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY _____ DATE

_____ APPROVED FOR STATE AID FUNDING: FOR STATE AID ENGINEER _____ DATE

Hennepin
HOUSTON engineering, inc.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

ADAM M. RUUD, PROFESSIONAL ENGINEER | 55094 LICENSE NO. | 10/14/2026 DATE

HOUSTON ENGINEERING INC. DESIGN TEAM

A.RUUD, C.COWING, M.BAUTCH, J.NYANCHIRI

TITLE SHEET

C.S.A.H. 10 (WOODLAND TRAIL)
HENNEPIN COUNTY PROJECT 2210404
SAP 027-610-036

SHEET 1 / 183

PLOTTED/REVISED: 10/14/2026
PLOT NAME: d2210404_100tsh
PATH & FILENAME: H:\JBN\8200\8200\8200_0014 CSAH 10\CAD\HennepinCSAH10\dgn\Sheets\d2210404_100tsh.dgn

NOTES	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION		UNIT	TOTAL PROJECT QUANTITY	STATE AID HENNEPIN CO. SAP 027-610-036 QUANTITY
(1)			2011.601	AS BUILT		LUMP SUM	1	1
(1)			2016.601	QUALITY MANAGEMENT - THERMAL PROFILING		LUMP SUM	1	1
(1)			2016.601	QUALITY MANAGEMENT - INTELLIGENT COMPACTION		LUMP SUM	1	1
			2021.501	MOBILIZATION		LUMP SUM	1	1
			2031.502	FIELD OFFICE		EACH	1	1
(9)			2101.505	CLEARING	(P)	ACRE	1.7	1.7
(9)			2101.505	GRUBBING	(P)	ACRE	1.7	1.7
	A	16-18	2104.502	REMOVE PIPE APRON		EACH	3	3
	B	19	2104.502	REMOVE MANHOLE		EACH	3	3
	B	19	2104.502	REMOVE CASTING		EACH	3	3
	ST	131	2104.502	REMOVE SIGN		EACH	74	74
	TB	125	2104.502	REMOVE ENERGY ABSORBING TERMINAL		EACH	3	3
	ST	131	2104.502	SALVAGE SIGN		EACH	9	9
	D,F	20,21-22	2104.503	SAWING CONCRETE PAVEMENT		LIN FT	18	18
	A,D,F	16-18,20,21-22	2104.503	SAWING BITUMINOUS PAVEMENT	(P)	LIN FT	4717	4717
(2)	A	16-18	2104.503	REMOVE PIPE CULVERTS		LIN FT	1596	1596
	A,D	16-18,20	2104.503	REMOVE CURB AND GUTTER		LIN FT	142	142
	G	23	2104.503	REMOVE FENCE		LIN FT	171	171
	TB	125	2104.503	REMOVE GUARDRAIL-PLATE BEAM		LIN FT	628	628
(2)	A	16-18	2104.503	REMOVE CATTLE PASS		LIN FT	65	65
	G	23	2104.503	SALVAGE FENCE		LIN FT	354	354
	D	20	2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT		SQ YD	22	22
	A,D,F	16-18,20,21-22	2104.504	REMOVE BITUMINOUS PAVEMENT	(P)	SQ YD	14239	14239
(1)	ST	131	2104.602	SALVAGE SIGN SPECIAL		EACH	10	10
	EW	15	2106.507	EXCAVATION - COMMON	(P)	CU YD	32571	32571
	EW	15	2106.507	SELECT GRANULAR EMBANKMENT (CV)	(P)	CU YD	21404	21404
	EW	15	2106.507	COMMON EMBANKMENT (CV)	(P)	CU YD	15609	15609
(1)			2106.602	PIEZOMETER		EACH	2	2
(1)			2106.602	SETTLEMENT PLATES		EACH	6	6
(1)	A	16-18	2106.603	DITCH CLEANING		LIN FT	110	110
	I	45	2108.504	GEOTEXTILE FABRIC TYPE 3		SQ YD	1212	1212
	A	16-18	2108.504	GEOTEXTILE FABRIC TYPE 4		SQ YD	1606	1606
(1)			2108.604	GEOTEXTILE FABRIC TYPE 5		SQ YD	1536	1536
	E	20	2118.509	AGGREGATE SURFACING CLASS 1		TON	1393	1393
	E,F	20,21-22	2118.509	AGGREGATE SURFACING CLASS 2		TON	318	318
	E	20	2118.509	AGGREGATE SURFACING CLASS 5		TON	991	991
(1) (3)			2123.610	STREET SWEEPER (WITH PICKUP BROOM)		HOUR	100	100
			2130.523	WATER		M GALLON	1000	1000
	A,E,F	16-18,20,21-22	2211.507	AGGREGATE BASE (CV) CLASS 5	(P)	CU YD	6877	6877
	E	20	2215.504	STABILIZED FULL DEPTH RECLAMATION	(P)	SQ YD	99303	99303
	D	20	2215.507	HAUL FULL DEPTH RECLAMATION (LV)	(P)	CU YD	14066	14066
	E	20	2215.509	BITUMINOUS MATERIAL FOR MIXTURE		TON	722	722
	E	20	2215.509	CEMENT		TON	448	448
(5)	A,E	16-18,20	2231.509	BITUMINOUS PATCHING MIXTURE		TON	2649	2649
	D	20	2232.504	MILL BITUMINOUS SURFACE (2.0")	(P)	SQ YD	2480	2480
	D	20	2232.504	MILL BITUMINOUS SURFACE (6.0")	(P)	SQ YD	18128	18128
(1)	E	20	2353.609	ULTRATHIN BONDED WEARING COURSE		TON	3863	3863
	E,F	20,21-22	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)		TON	28527	28527
	I	45	2451.507	COARSE FILTER AGGREGATE (CV)	(P)	CU YD	534	534
	A	16-18	2451.507	FINE AGGREGATE BEDDING (CV)	(P)	CU YD	3257	3257
(4)	A	16-18	2501.502	12" CS PIPE APRON		EACH	2	2
(4)	A	16-18	2501.502	15" CS PIPE APRON		EACH	20	20
(4)	A	16-18	2501.502	15" RC PIPE APRON		EACH	2	2
(4)	A	16-18	2501.502	18" RC PIPE APRON		EACH	2	2
(4)	A	16-18	2501.502	24" RC PIPE APRON		EACH	1	1
(4)	A	16-18	2501.502	42" RC PIPE APRON		EACH	4	4
(4)	A	16-18	2501.502	84" RC PIPE APRON		EACH	2	2
(4)	A	16-18	2501.502	18" RC SAFETY APRON		EACH	1	1
(4)	A	16-18	2501.502	24" RC SAFETY APRON		EACH	16	16
	A	16-18	2501.503	12" CS PIPE CULVERT		LIN FT	50	50

ESTIMATE QUANTITY NOTES

(P) DENOTES PLAN QUANTITY
(1) SEE SPECIAL PROVISIONS
(2) ITEM INCLUDES APRON REMOVALS
(3) ITEM TO BE USED AT DIRECTION OF THE ENGINEER
(4) ALL PIPES AND APRONS ARE TO BE TIED (INCIDENTAL)
(5) ITEM TO BE USED AT CULVERT REPLACEMENT LOCATIONS
(6) ITEM INCLUDES 45-DAY WATERING AND MAINTENANCE PERIOD
(7) ITEM TO BE USED WITH ROLLED EROSION PREVENTION CATEGORY 55.
(8) ANTICIPATED TO INCLUDE ONE APPLICATION OF ALL EDGE AND CENTERLINE PAVEMENT MARKINGS
(9) CLEARING AND GRUBBING TO BE LIMITED TO 15' WIDTH FOR ACCESSIBILITY TO PIPE LINING LOCATIONS. LIMITS OF CLEARING AND GRUBBING TO BE FIELD VERIFIED AND APROVED BY THE ENGINEER.

PLOTTED/REVISED: 10/23/2026
PLOT NAME: d2210404_110est
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Hennepin

HOUSTON engineering, inc.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

ADAM M. RUUD, PROFESSIONAL ENGINEER | 55094 LICENSE NO. | 10/23/2026 DATE

DESIGN BY: MKB
CAD BY: JNN
CHECKED BY: AMR
LAST REVISION:

STATEMENT OF ESTIMATED QUANTITIES

C.S.A.H. 10 (WOODLAND TRAIL)
HENNEPIN COUNTY PROJECT 2210404
SAP 027-610-036

SHEET 8 / 183

NOTES	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITY	STATE AID HENNEPIN CO. SAP 027-610-036 QUANTITY
(4)	A	16-18	2501.503	15" CS PIPE CULVERT	LIN FT	528	528
(4)	A	16-18	2501.503	18" RC PIPE CULVERT DESIGN 3006 CLASS III	LIN FT	142	142
(4)	A	16-18	2501.503	24" RC PIPE CULVERT DESIGN 3006 CLASS III	LIN FT	454	454
(4)	A	16-18	2501.503	42" RC PIPE CULVERT DESIGN 3006 CLASS III	LIN FT	92	92
(4)	A	16-18	2501.503	42" RC PIPE CULVERT DESIGN 3006 CLASS IV	LIN FT	34	34
(4)	A	16-18	2501.503	84" RC PIPE CULVERT DESIGN 3006 CLASS V	LIN FT	174	174
(1)	A	16-18	2501.602	SAFETY GRATE FOR 18" RC APRON	EACH	1	1
(1)	A	16-18	2501.602	SAFETY GRATE FOR 24" RC APRON	EACH	16	16
	I	45	2502.502	6" PRECAST CONCRETE HEADWALL	EACH	8	8
	I	45	2502.503	6" TP PIPE DRAIN	LIN FT	905	905
	I	45	2502.503	6" PERF TP PIPE DRAIN	LIN FT	782	782
(1)	I	45	2502.602	6" TP PIPE DRAIN CLEAN OUT	EACH	8	8
(4)	A	16-18	2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	228	228
(4)	A	16-18	2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	70	70
(4)	A	16-18	2503.503	24" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	210	210
(1)	A	16-18	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	1	1
	C	19	2506.502	CASTING ASSEMBLY	EACH	3.0	3.0
	C	19	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN F	LIN FT	27.9	27.9
	C	19	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	5	5
(1)	A	16-18	2507.603	LINING CULVERT PIPE (24") SPECIAL	LIN FT	207	207
(1)	A	16-18	2507.603	LINING CULVERT PIPE (30") SPECIAL	LIN FT	153	153
(1)	A	16-18	2507.603	LINING CULVERT PIPE (36") SPECIAL	LIN FT	102	102
(1)	A	16-18	2507.603	LINING CULVERT PIPE (60") SPECIAL	LIN FT	170	170
	A	16-18	2511.504	GEOTEXTILE FILTER TYPE 1	SQ YD	685	685
	A	16-18	2511.507	RANDOM RIPRAP CLASS III (P)	CU YD	67	67
	A	16-18	2511.507	RANDOM RIPRAP CLASS IV (P)	CU YD	154	154
	A	16-18	2511.507	RANDOM RIPRAP CLASS V (P)	CU YD	355	355
	A	16-18	2511.507	GRANULAR FILTER (P)	CU YD	5	5
	E	20	2531.503	CONCRETE CURB AND GUTTER DESIGN D412	LIN FT	80	80
	E	20	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	16	16
(1)	H	23	2540.602	RELOCATE MAIL BOX SUPPORT	EACH	13	13
(1)	H	23	2540.602	RELOCATE MAIL BOX	EACH	13	13
	TB	125	2554.502	END TREATMENT-TANGENT TERMINAL	EACH	1	1
	TB	125	2554.502	END TREATMENT-FLARED TERMINAL	EACH	1	1
	TB	125	2554.503	TRAFFIC BARRIER DESIGN TYPE 31	LIN FT	250	250
(1)	G	23	2557.603	INSTALL FENCE	LIN FT	354	354
(1)			2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	1
(1)			2563.601	TRAFFIC CONTROL	LUMP SUM	1	1
(1)			2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	180	180
	ST	131	2564.502	INSTALL SIGN	EACH	9	9
	ST	131	2564.518	SIGN	SQ FT	565	565
(1)	ST	131	2564.602	INSTALL SIGN SPECIAL	EACH	10	10
			2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1	1
	EC	23	2573.503	SILT FENCE, TYPE HI	LIN FT	6991	6991
	EC	23	2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	9573.0	9573.0
	TE	23	2574.505	SOIL BED PREPARATION	ACRE	9	9
	EW	15	2574.507	FILTER TOPSOIL BORROW (P)	CU YD	1023	1023
	TE	23	2574.508	FERTILIZER TYPE 3	POUND	2410	2410
	TE	23	2574.508	FERTILIZER TYPE 4	POUND	280	280
	EC	23	2575.504	ROLLED EROSION PREVENTION CATEGORY 25	SQ YD	11616	11616
	EC	23	2575.504	ROLLED EROSION PREVENTION CATEGORY 35	SQ YD	6490	6490
(6)	EC	23	2575.504	ROLLED EROSION PREVENTION CATEGORY 55	SQ YD	862	862
(7)	EC	23	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	695	695
	TE	23	2575.509	MULCH MATERIAL TYPE 3	TON	11	11
			2575.523	WATER	M GALLON	36	36
	EC	23	2575.523	RAPID STABILIZATION METHOD 3	M GALLON	31	31
(1)			2575.601	PERMANENT VEGETATION MAINTENANCE	LUMP SUM	1	1
(1)	TE	23	2575.608	SEED MESIC INSLOPE	POUND	207	207
(1)	TE	23	2575.608	SEED WET DITCH	POUND	74	74
(1)	TE	23	2575.608	SEED SOUTHERN TALLGRASS ROADSIDE	POUND	63	63

ESTIMATE QUANTITY NOTES

(P) DENOTES PLAN QUANTITY
(1) SEE SPECIAL PROVISIONS
(2) ITEM INCLUDES APRON REMOVALS
(3) ITEM TO BE USED AT DIRECTION OF THE ENGINEER
(4) ALL PIPES AND APRONS ARE TO BE TIED (INCIDENTAL)
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(6) ITEM INCLUDES 45-DAY WATERING AND MAINTENANCE PERIOD
(7) ITEM TO BE USED WITH ROLLED EROSION PREVENTION CATEGORY 55.
(8) ANTICIPATED TO INCLUDE ONE APPLICATION OF ALL EDGE AND CENTERLINE PAVEMENT MARKINGS
(9) CLEARING AND GRUBBING TO BE LIMITED TO 15' WIDTH FOR ACCESSIBILITY TO PIPE LINING LOCATIONS. LIMITS OF CLEARING AND GRUBBING TO BE FIELD VERIFIED AND APROVED BY THE ENGINEER.

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Hennepin

HOUSTON engineering, inc.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

ADAM M. RUUD, PROFESSIONAL ENGINEER | 55094 LICENSE NO. | 10/23/2026 DATE

DESIGN BY: MKB
CAD BY: JNN
CHECKED BY: AMR
LAST REVISION:

STATEMENT OF ESTIMATED QUANTITIES

C.S.A.H. 10 (WOODLAND TRAIL)
HENNEPIN COUNTY PROJECT 2210404
SAP 027-610-036

SHEET 9 / 183

NOTES	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITY	STATE AID HENNEPIN CO. SAP 027-610-036 QUANTITY
(8)			2580.501	INTERIM PAVEMENT MARKING	LUMP SUM	1	1
	ST	131	2582.503	MOBILE RETROREFLECTOMETER MEASUREMENTS	LIN FT	103630	103630
	ST	131	2582.503	4" SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	7600	7600
	ST	131	2582.503	6" SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	66690	66690
	ST	131	2582.503	4" BROKEN LINE MULTI-COMPONENT GROUND IN	LIN FT	3010	3010
	ST	131	2582.503	6" DOTTED LINE MULTI-COMPONENT GROUND IN	LIN FT	490	490
	ST	131	2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT GROUND IN	LIN FT	24640	24640
	ST	131	2582.503	24" SOLID LINE PREFORM THERMO GROUND IN ESR	LIN FT	1200	1200
	ST	131	2582.518	PAVEMENT MESSAGE PREFORM THERMOPLASTIC GROUND IN ENHANCED SKID RESISTANCE	SQ FT	210	210

ESTIMATE QUANTITY NOTES

(P) DENOTES PLAN QUANTITY
(1) SEE SPECIAL PROVISIONS
(2) ITEM INCLUDES APRON REMOVALS
(3) ITEM TO BE USED AT DIRECTION OF THE ENGINEER
(4) ALL PIPES AND APRONS ARE TO BE TIED (INCIDENTAL)
(5) ITEM TO BE USED AT CULVERT REPLACEMENT LOCATIONS
(6) ITEM INCLUDES 45-DAY WATERING AND MAINTENANCE PERIOD
(7) ITEM TO BE USED WITH ROLLED EROSION PREVENTION CATEGORY 55.
(8) ANTICIPATED TO INCLUDE ONE APPLICATION OF ALL EDGE AND CENTERLINE PAVEMENT MARKINGS
(9) CLEARING AND GRUBBING TO BE LIMITED TO 15' WIDTH FOR ACCESSIBILITY TO PIPE LINING LOCATIONS. LIMITS OF CLEARING AND GRUBBING TO BE FIELD VERIFIED AND APROVED BY THE ENGINEER.

PLOTTED/REVISED: 10/26/2026
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