C.S. McCrossan
7865 Jefferson Highway, Maple Grove, Minnesota 55369 • 763-425-4167

Request for Quote – DBE Subcontractors and Suppliers

Project: CSAH 19 and CSAH 38 Reconstruction,
SP 086-619-034 and SP 086-638-007
Wright County

Bid Date: Thursday, November 21, 2019
Bid Time: 11:00 am

DBE Goal: 5.3%

C.S. McCrossan Construction, Inc. is soliciting quotations from qualified bidders to develop pricing for the above referenced project. Please see the attached sheet for a list of potential work types that are available on this project.

C.S. McCrossan Construction, Inc. is an Equal Opportunity Employer and encourages participation from all certified DBE subcontractors and suppliers. If you can provide us with pricing in any of the areas listed above please return the attached form to our office. Plans are available for free in our online plan room; please contact us for more information.

If you need any assistance in the following areas, please contact our office:

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,

CSM Estimating Department
estimating@mccrossan.com
763-425-4167 (p) | 763-488-1649 (f)

C.S. McCrossan
7865 Jefferson Highway, Maple Grove, Minnesota 55369 • 763-425-4167

We have identified the following work types for this project:

Project: CSAH 19 and CSAH 38 Reconstruction,
SP 086-619-034 and SP 086-638-00
Wright County

- Aggregates
- Asphalt Paving
- Borrow
- Clearing & Grubbing
- Concrete Curb & Gutter / Sidewalk
- Concrete Paving
- Drain Tile
- Dumpsters
- Electrical
- Erosion Control
- Excavation / Grading
- Field Office
- Guardrail
- Irrigation
- Joint Adhesive
- Mailboxes
- Pipe Jacking
- Portable Restrooms
- Removals
- Rip Rap / Geotextiles
- Sawcutting
- Seed, Sod & Turf Establishment
- Signing
- Striping
- Sweeping
- Traffic Control
- Trees / Shrubs / Landscaping
- Trucking
- Underground Pipe / Structures

This list is of the work types we have determined as of this time. Additional work types may be determined as we continue to review the plans and specifications. We have also attached a copy of the bid items present on this job. If you are interested in bidding on this project but do not see your type of work listed, please contact our office to see if additional opportunities may be available.

C.S. McCrossan

7865 Jefferson Highway, Maple Grove, Minnesota 55369 • 763-425-4167

REQUEST FOR QUOTE

RESPONSE FORM

C.S. McCrossan Construction, Inc. is bidding the following upcoming project. Potential Bidders are requested to check the appropriate box below and let us know of their intentions by email (estimating@mccrossan.com) or fax (763-488-1649).

Project	**Interest**	
	Yes	No
Wright County - CSAH 19/38	☐	☐

Name of Firm: _____

Contact Person: _____

Phone / Fax Number: _____

Email: _____

Type of Work: _____
(Please list work types you are interested in quoting.) _____

_____

_____

Assistance Needed: _____
(Please list any assistance we can provide you in preparing your quote.) _____

_____

_____

C.S. McCrossan Construction, Inc. is an Equal Opportunity Employer and encourages participation from all certified DBE subcontractors and suppliers. If you are interested in providing us a quote please return this form to our office via email (estimating@mccrossan.com) or by fax (763-488-1649).

If you need assistance or any additional information (plans / specifications), please contact our office.

MINNESOTA DEPARTMENT OF TRANSPORTATION
WRIGHT COUNTY
CITY OF ALBERTVILLE
CITY OF OTSEGO

CONSTRUCTION PLAN FOR ROUNDABOUTS, GRADING, BITUMINOUS SURFACING, LIGHTING, ADA IMPROVEMENTS, AND SIGNAL

LOCATED ON CSAH 19 (LABEAUX AVE NE) FROM 100' NORTH OF TH 94 RAMP TO 500' NORTH OF CSAH 38
LOCATED ON CSAH 38 (70TH ST NE) FROM 600' WEST OF CSAH 19 TO 400' EAST OF MACIVER AVE
LOCATED ON MACIVER AVE (MSAS 118) FROM 400' SOUTH OF CSAH 38 TO 400' NORTH OF CSAH 38

Geographal legal description: in Section 36, Township 121, Range 24, beginning at the Northwest corner of said Section 36, also be the intersection of CSAH 38 and CSAH 19 thence east along CSAH 38 for 2600 feet, also from said intersection southerly along CSAH 19 for 2300 feet.

DESIGN DESIGNATION
CSAH 19 (LABEAUX AVE NE)
S.P. 086-619-034,
S.A.P. 242-020-008, S.A.P. 217-020-005

R VALUE = 20
ADT (Current Year) 2019 = 19,630
ADT (Future Year) 2039 = 30,950
D (DIRECTIONAL DISTR.) = 50/50
HCADT (Future Year) 2038 = 1,445
ESALS 3,287,000
DESIGN SPEED 45 MPH
BASED ON STOPPING SIGHT DISTANCE
HEIGHT OF EYE 3.5 HEIGHT OF OBJECT 2.0
DESIGN SPEED NOT ACHIEVED AT: ROUNDABOUT
FUNCTIONAL CLASSIFICATION URBAN MINOR ARTERIAL
NO. OF TRAFFIC LANES 4 - 11'
NO. OF PARKING LANES N/A
SHOULDER WIDTH N/A
TON DESIGN 10

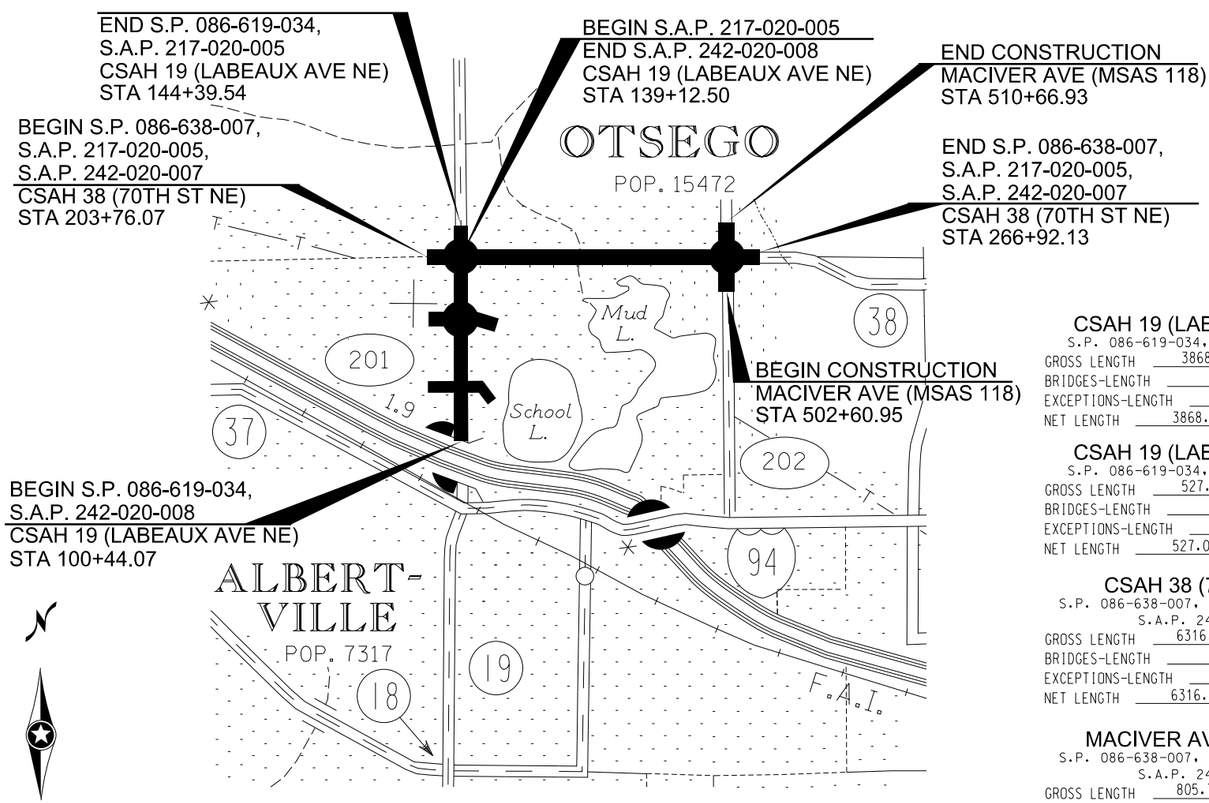
DESIGN DESIGNATION
CSAH 38 (70TH ST NE)
S.P. 086-638-007, S.A.P. 217-020-005,
S.A.P. 242-020-007

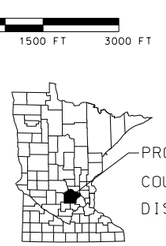
R VALUE = 20
ADT (Current Year) 2019 = 2,860
ADT (Future Year) 2039 = 7,540
D (DIRECTIONAL DISTR.) = 50/50
HCADT (Future Year) 2039 = 159
ESALS 647,000
DESIGN SPEED 45 MPH
BASED ON STOPPING SIGHT DISTANCE
HEIGHT OF EYE 3.5 HEIGHT OF OBJECT 2.0
DESIGN SPEED NOT ACHIEVED AT: ROUNDABOUT
FUNCTIONAL CLASSIFICATION MINOR ARTERIAL
NO. OF TRAFFIC LANES 2 - 11'
NO. OF PARKING LANES N/A
SHOULDER WIDTH 3'
TON DESIGN 10

DESIGN DESIGNATION
MACIVER AVE (MSAS 118)
S.P. 086-638-007, S.A.P. 217-020-005,
S.A.P. 242-020-007

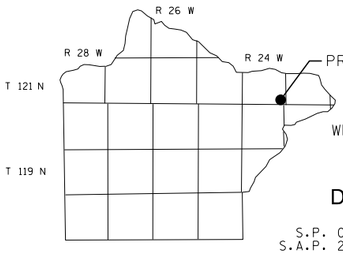
R VALUE = 20
ADT (Current Year) 2019 = 2,610
ADT (Future Year) 2039 = 3,250
D (DIRECTIONAL DISTR.) = 50/50
HCADT (Future Year) 2039 = 128
ESALS 331,000
DESIGN SPEED 40 MPH
BASED ON STOPPING SIGHT DISTANCE
HEIGHT OF EYE 3.5 HEIGHT OF OBJECT 2.0
DESIGN SPEED NOT ACHIEVED AT: ROUNDABOUT
FUNCTIONAL CLASSIFICATION URBAN LOCAL
NO. OF TRAFFIC LANES 2 - 11'
NO. OF PARKING LANES N/A
SHOULDER WIDTH 5'-11'
TON DESIGN 10

PLAN REVISIONS		
DATE	SHEET NO.	APPROVER





PROJECT LOCATION
COUNTY: WRIGHT
DISTRICT: DISTRICT 3



NOTE: THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02 ENTITLED STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.

DESIGN DESIGNATION
TRAIL
S.P. 086-619-034, S.P. 086-638-007,
S.A.P. 217-020-005, S.A.P. 242-020-007,
S.A.P. 242-020-008

DESIGN SPEED 20 MPH
BASED ON STOPPING SIGHT DISTANCE
HEIGHT OF EYE 4.5 HEIGHT OF OBJECT 0.0
DESIGN SPEED NOT ACHIEVED AT: ROUNDABOUT

CSAH 19 (LABEAUX AVE NE)
S.P. 086-619-034, S.A.P. 242-020-008

GROSS LENGTH	3868.43	ft	0.733	miles
BRIDGES-LENGTH		ft		miles
EXCEPTIONS-LENGTH		ft		miles
NET LENGTH	3868.43	ft	0.733	miles

CSAH 19 (LABEAUX AVE NE)
S.P. 086-619-034, S.A.P. 217-020-005

GROSS LENGTH	527.04	ft	0.100	miles
BRIDGES-LENGTH		ft		miles
EXCEPTIONS-LENGTH		ft		miles
NET LENGTH	527.04	ft	0.100	miles

CSAH 38 (70TH ST NE)
S.P. 086-638-007, S.A.P. 217-020-005,
S.A.P. 242-020-007

GROSS LENGTH	6316.06	ft	1.196	miles
BRIDGES-LENGTH		ft		miles
EXCEPTIONS-LENGTH		ft		miles
NET LENGTH	6316.06	ft	1.196	miles

MACIVER AVE (MSAS 118)
S.P. 086-638-007, S.A.P. 217-020-005,
S.A.P. 242-020-007

GROSS LENGTH	805.70	ft	0.153	miles
BRIDGES-LENGTH		ft		miles
EXCEPTIONS-LENGTH		ft		miles
NET LENGTH	805.70	ft	0.153	miles

MINN. PROJ. NO. STPF 8619 (211)

GOVERNING SPECIFICATIONS
THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL LAYOUT
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7	CONSTRUCTION NOTES & STANDARD PLATES
8 - 11	QUANTITY TABULATIONS
12 - 14	EARTHWORK SUMMARY & TABULATIONS
15 - 18	UTILITY TABULATION
19 - 30	TYPICAL SECTIONS
31 - 36	MISCELLANEOUS DETAILS
37 - 51	STANDARD PLAN
52 - 76	STAGING & TRAFFIC CONTROL PLAN
77 - 85	ALIGNMENT PLANS & TABULATIONS
86 - 91	INPLACE TOPOGRAPHY & UTILITIES PLAN
92 - 97	MISCELLANEOUS REMOVAL PLAN
98 - 117	CONSTRUCTION PLAN & PROFILE
118 - 141	DRAINAGE AND SUPERELEVATION PLAN
142 - 145	POND GRADING PLAN
146 - 154	QUADRANT DETAILS
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171 - 186	TRAFFIC CONTROL SIGNAL SYSTEM
187 - 196	LIGHTING PLAN
197 - 203	SIGN REMOVAL PLAN
204 - 217	SIGNING PLAN
218 - 226	PAVEMENT MARKING PLAN
227 - 236	EROSION CONTROL AND TURF ESTABLISHMENT PLAN
X1 - X70	CROSS SECTIONS
W1 - W6	WATERMAIN PLAN
L1 - L14	LANDSCAPING PLAN

THIS PLAN CONTAINS 326 SHEETS

ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITHIN THE CONSTRUCTION OF THIS PROJECT.

wsb

SIGNATURE: _____ TYPED OR PRINTED NAME: ANDREW PLOWMAN, PE

DESIGN ENGINEER: 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.

DATE: 10/9/2019 LICENSE NUMBER 44200

APPROVED: WRIGHT COUNTY ENGINEER — DATE 2/6/19

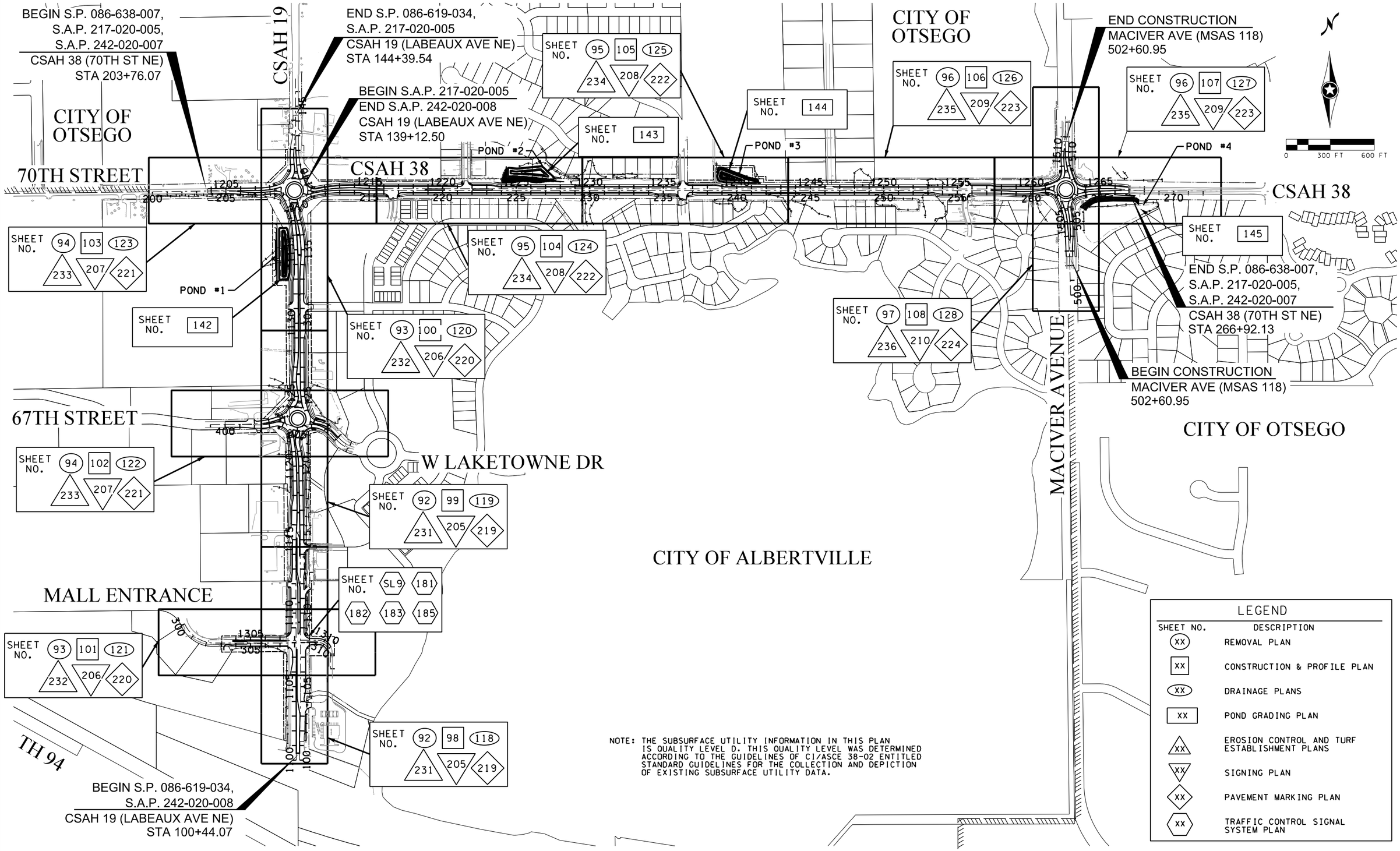
APPROVED: CITY OF ALBERTVILLE ENGINEER — DATE 2-6-19

APPROVED: CITY OF OTSEGO ENGINEER — DATE 2/6/19

DISTRICT STATE AID ENGINEER REVIEWED FOR COMPLIANCE WITH STATE AND FEDERAL AID ROLES/POLICY — DATE 2/26/19

APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER — DATE 9/5/19

Date Printed: 10/9/2019
WSB Filename: K:\0183-000\Cad\Plan\0183_tsh01.dgn



NOTE: THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02 ENTITLED STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.

DATE: 10/9/2019 1:57:53 PM
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NO.	DATE	BY	CHK	REVISIONS

Design By: AJP
Plan By: XDK
Checked By: ACJ
Approved By: AJP

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.

ANDREW PLOWMAN, PE
DATE: 10/9/2019 LICENSE NO. 44200

wsb

Albertville Otsego

CSAH 19 & CSAH 38 IMPROVEMENTS
WRIGHT COUNTY

WRIGHT COUNTY, MN

GENERAL LAYOUT
S.P. 086-619-034, S.P. 086-638-007, S.A.P. 217-020-005, S.A.P. 242-020-007, S.A.P. 242-020-008

SHEET 2 OF 236 SHEETS

Wright County Highway Department
3600 Braddock Ave NE
Buffalo, MN 55313

Ph: (763)682-7383
Fax: (763)682-7313

VIRGIL HAWKINS, P.E.
Highway Engineer

CHAD HAUSMANN, P.E.
Assistant Highway Engr.

STEVE MEYER
Maintenance
Superintendent

JEREMY CARLSON, P.L.S.
Right-of-Way Agent

SARA BUERMANN, P.E.
Traffic Engineer

1 October 2019

Ad for Bid
County Highway Project

Advertisement for Bids: Notice is hereby given that **electronic bids** will be accepted by the County Engineer until 11:00 a.m. Thursday, November 21, 2019, at the Office of the County Engineer located at the Wright County Highway Building, 3600 Braddock Avenue NE, Buffalo, MN 55313, for the contract listed below:

Contract Number 1904, CSAH 19 and CSAH 38 Construction Project (SP 086-619-034, etc.):

Reconstruction of CSAH 19 (LeBeaux Avenue) from the I-94 north ramps to CSAH 38 (70th Street), and CSAH 38 (70th Street) from CSAH 19 (LeBeaux Avenue) to MacIver Avenue. Revised signal system at CSAH 19 and Albertville Outlet Mall entrance. Roundabout construction at CSAH 19 & 67th Street, CSAH 19 & CSAH 38, and CSAH 38 & MacIver Avenue. Multi-Use trail construction along CSAH 19 and CSAH 38. Drainage Ponds along CSAH 19 and CSAH 38. Concrete Curb and Gutter along the entire project.

Approximate major items of work are:

- Remove Bituminous Pavement: 58,000 SY;
- Excavation Common/Subgrade: 53,000 CY;
- Excavation Channel and Pond: 15,000 CY;
- Common Embankment (CV): 31,000 CY;
- Aggregate Base Class 3 & Class 5 (CV): 56,000 CY;
- Concrete Pavement 7.0”: 1,350 SY;
- Type SP 12.5 Non Wearing Course Mix (4,B): 10,500 TON;
- Type SP 12.5 Wearing Course Mix (4,F): 14,000 TON;
- 12” – 36” Pipe Sewer : 11,700 LF;
- 16” Watermain Ductile Iron Cl. 51: 500 LF;
- Construct Drainage Structure Design 48” – 72” (SD & 4020): 540 LF;
- Concrete Curb and Gutter Design B624,D424,B612: 41,000 LF;
- Lighting Unit Type Special: 16 EA;
- Install Lighting Unit (Provided by County): 39 EA;
- Traffic Control Signal System A (equipment provided by County): 1 SYS;
- Deciduous Tree: 46 Tree;
- Deciduous Shrub (No. 2 and No. 5 Cont.): 850 Shrub
- 4” and 6” Solid Line Multi-Component Ground In: 54,000 LF

Prospective bidders must obtain bidding documents through the Wright County website at https://egram.co.wright.mn.us/ (Projects in Bidding), to become a plan holder. Bids shall be submitted electronically through bidVAULT (bids will only be accepted from those who are a documented plan holder). Bidders are responsible for all present and future downloads, including addendums.

There is no cost to download the bid documents. However, there is a $25 fee to submit a bid electronically through bidVAULT.

Item #	Description	Quantity	Unit of Measure	
2021.501/00010	MOBILIZATION	0.6	LS	CSAH 19 (SP 086-619-034)
2031.502/00010	FIELD OFFICE TYPE B	0.6	EACH	CSAH 19 (SP 086-619-034)
2041.610/00010	TRAINEES	375	HR	CSAH 19 (SP 086-619-034)
2101.505/00030	GRUBBING	0.5	ACRE	CSAH 19 (SP 086-619-034)
2101.524/00050	GRUBBING	7	TREE	CSAH 19 (SP 086-619-034)
2102.503/00010	PAVEMENT MARKING REMOVAL	5,910	L F	CSAH 19 (SP 086-619-034)
2102.518/00010	PAVEMENT MARKING REMOVAL	111	S F	CSAH 19 (SP 086-619-034)
2104.502/00130	REMOVE PIPE APRON	27	EACH	CSAH 19 (SP 086-619-034)
2104.502/00880	REMOVE HYDRANT	2	EACH	CSAH 19 (SP 086-619-034)
2104.502/00910	REMOVE DRAINAGE STRUCTURE	9	EACH	CSAH 19 (SP 086-619-034)
2104.502/01240	REMOVE SIGN TYPE C	36	EACH	CSAH 19 (SP 086-619-034)
2104.502/01250	REMOVE SIGN TYPE D	3	EACH	CSAH 19 (SP 086-619-034)
2104.502/01300	REMOVE SIGN TYPE SPECIAL	2	EACH	CSAH 19 (SP 086-619-034)
2104.502/01390	REMOVE SIGNAL SYSTEM	1	EACH	CSAH 19 (SP 086-619-034)
2104.502/01580	REMOVE LIGHT FOUNDATION	3	EACH	CSAH 19 (SP 086-619-034)
2104.502/02920	SALVAGE LIGHTING UNIT	5	EACH	CSAH 19 (SP 086-619-034)
2104.502/03320	SALVAGE SIGN TYPE C	4	EACH	CSAH 19 (SP 086-619-034)
2104.502/03330	SALVAGE SIGN TYPE D	2	EACH	CSAH 19 (SP 086-619-034)
2104.502/03390	SALVAGE SIGN TYPE SPECIAL	2	EACH	CSAH 19 (SP 086-619-034)
2104.502/03590	SALVAGE MAIL BOX SUPPORT	5	EACH	CSAH 19 (SP 086-619-034)
2104.503/00195	SAWING CONCRETE PAVEMENT (FULL DEPTH)	22	L F	CSAH 19 (SP 086-619-034)
2104.503/00205	SAWING BIT PAVEMENT (FULL DEPTH)	12,604	L F	CSAH 19 (SP 086-619-034)
2104.503/00270	REMOVE WATER MAIN	2,382	L F	CSAH 19 (SP 086-619-034)
2104.503/00285	REMOVE SEWER PIPE (STORM)	1,877	L F	CSAH 19 (SP 086-619-034)
2104.503/00315	REMOVE CURB & GUTTER	6,625	L F	CSAH 19 (SP 086-619-034)
2104.503/00550	REMOVE UNDERGROUND WIRE	720	L F	CSAH 19 (SP 086-619-034)
2104.504/00080	REMOVE CONCRETE DRIVEWAY PAVEMENT	192	S Y	CSAH 19 (SP 086-619-034)
2104.504/00110	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	428	S Y	CSAH 19 (SP 086-619-034)
2104.504/00120	REMOVE BITUMINOUS PAVEMENT	35,372	S Y	CSAH 19 (SP 086-619-034)
2104.518/00100	REMOVE BITUMINOUS WALK	2,779	S F	CSAH 19 (SP 086-619-034)
2104.518/00140	REMOVE CONCRETE WALK	13,058	S F	CSAH 19 (SP 086-619-034)
2106.507/00010	EXCAVATION - COMMON	11,246	C Y	CSAH 19 (SP 086-619-034)
2106.507/00040	EXCAVATION - SUBGRADE	17,366	C Y	CSAH 19 (SP 086-619-034)
2106.507/00050	EXCAVATION - CHANNEL AND POND	2,287	C Y	CSAH 19 (SP 086-619-034)
2106.507/00130	COMMON EMBANKMENT (CV)	12,086	C Y	CSAH 19 (SP 086-619-034)
2118.507/00110	AGGREGATE SURFACING (CV) CLASS 1	27	C Y	CSAH 19 (SP 086-619-034)
2123.510/00010	COMMON LABORERS	15	HOUR	CSAH 19 (SP 086-619-034)
2123.510/00130	DOZER	15	HOUR	CSAH 19 (SP 086-619-034)
2123.510/00150	10 CU YD TRUCK	15	HOUR	CSAH 19 (SP 086-619-034)
2123.510/00210	0.75 CU YD FRONT END LOADER	15	HOUR	CSAH 19 (SP 086-619-034)
2123.610/00410	STREET SWEEPER (WITH PICKUP BROOM)	15	HOUR	CSAH 19 (SP 086-619-034)
2130.523/00010	WATER	15	MGAL	CSAH 19 (SP 086-619-034)
2211.507/00120	AGGREGATE BASE (CV) CLASS 3	19,548	C Y	CSAH 19 (SP 086-619-034)
2211.507/00170	AGGREGATE BASE (CV) CLASS 5	9,467	C Y	CSAH 19 (SP 086-619-034)
2231.509/00010	BITUMINOUS PATCHING MIXTURE	362	TON	CSAH 19 (SP 086-619-034)
2301.504/00070	CONCRETE PAVEMENT 7.0"	872	S Y	CSAH 19 (SP 086-619-034)
2302.602/00030	DRILL & GROUT REINF BAR (EPOXY COATED)	350	EACH	CSAH 19 (SP 086-619-034)
2360.509/24200	TYPE SP 12.5 WEARING COURSE MIX (4;B)	634	TON	CSAH 19 (SP 086-619-034)
2360.509/24205	TYPE SP 12.5 NON WEAR COURSE MIX (4;B)	6,744	TON	CSAH 19 (SP 086-619-034)
2360.509/24600	TYPE SP 12.5 WEARING COURSE MIX (4;F)	9,041	TON	CSAH 19 (SP 086-619-034)
2451.507/00250	FINE AGGREGATE BEDDING (CV)	38	C Y	CSAH 19 (SP 086-619-034)
2453.603/00010	EXPLORATORY BORINGS	160	L F	CSAH 19 (SP 086-619-034)
2501.502/05015	15" RC PIPE APRON	4	EACH	CSAH 19 (SP 086-619-034)
2501.502/05018	18" RC PIPE APRON	1	EACH	CSAH 19 (SP 086-619-034)
2501.502/05021	21" RC PIPE APRON	2	EACH	CSAH 19 (SP 086-619-034)
2501.502/05024	24" RC PIPE APRON	4	EACH	CSAH 19 (SP 086-619-034)
2501.502/05036	36" RC PIPE APRON	1	EACH	CSAH 19 (SP 086-619-034)

2501.502/15028	28" SPAN RC PIPE-ARCH APRON	2	EACH	CSAH 19 (SP 086-619-034)
2501.502/44015	15" RC SAFETY APRON	2	EACH	CSAH 19 (SP 086-619-034)
2501.602/60015	TRASH GUARD FOR 15" PIPE APRON	3	EACH	CSAH 19 (SP 086-619-034)
2501.602/60018	TRASH GUARD FOR 18" PIPE APRON	1	EACH	CSAH 19 (SP 086-619-034)
2501.602/60024	TRASH GUARD FOR 24" PIPE APRON	4	EACH	CSAH 19 (SP 086-619-034)
2501.602/60036	TRASH GUARD FOR 36" PIPE APRON	1	EACH	CSAH 19 (SP 086-619-034)
2501.602/61028	TRASH GUARD FOR 28" SPAN PIPE APRON	2	EACH	CSAH 19 (SP 086-619-034)
2502.503/07040	4" PE PIPE DRAIN	7,985	L F	CSAH 19 (SP 086-619-034)
2503.503/18022	22" SPAN RC PIPE-ARCH SEWER CL IIA	596	L F	CSAH 19 (SP 086-619-034)
2503.503/18028	28" SPAN RC PIPE-ARCH SEWER CL IIA	62	L F	CSAH 19 (SP 086-619-034)
2503.602/00320	CONNECT TO EXISTING STORM SEWER	2	EACH	CSAH 19 (SP 086-619-034)
2503.603/24008	8" PVC SANITARY SERVICE PIPE	261	L F	CSAH 19 (SP 086-619-034)
2503.603/33012	12" PIPE SEWER	44	L F	CSAH 19 (SP 086-619-034)
2503.603/33015	15" PIPE SEWER	4,290	L F	CSAH 19 (SP 086-619-034)
2503.603/33018	18" PIPE SEWER	246	L F	CSAH 19 (SP 086-619-034)
2503.603/33021	21" PIPE SEWER	557	LF	CSAH 19 (SP 086-619-034)
2503.603/33024	24" PIPE SEWER	178	L F	CSAH 19 (SP 086-619-034)
2503.603/33036	36" PIPE SEWER	73	LF	CSAH 19 (SP 086-619-034)
2504.601/00001	IRRIGATION SYSTEM	1	LS	CSAH 19 (SP 086-619-034)
2504.602/00010	CONNECT TO EXISTING WATER MAIN	6	EACH	CSAH 19 (SP 086-619-034)
2504.602/00020	HYDRANT	2	EACH	CSAH 19 (SP 086-619-034)
2504.602/00804	4" GATE VALVE & BOX	1	EACH	CSAH 19 (SP 086-619-034)
2504.602/00806	6" GATE VALVE & BOX	2	EACH	CSAH 19 (SP 086-619-034)
2504.602/00808	8" GATE VALVE & BOX	2	EACH	CSAH 19 (SP 086-619-034)
2504.602/00810	10" GATE VALVE & BOX	1	EACH	CSAH 19 (SP 086-619-034)
2504.602/00812	12" GATE VALVE & BOX	8	EACH	CSAH 19 (SP 086-619-034)
2504.602/02504	4" MECHANICAL JOINT RESTRAINT ASSEMBLY	6	EACH	CSAH 19 (SP 086-619-034)
2504.602/02506	6" MECHANICAL JOINT RESTRAINT ASSEMBLY	12	EACH	CSAH 19 (SP 086-619-034)
2504.602/02508	8" MECHANICAL JOINT RESTRAINT ASSEMBLY	10	EACH	CSAH 19 (SP 086-619-034)
2504.602/02510	10" MECHANICAL JOINT RESTRAINT ASSEMBLY	6	EACH	CSAH 19 (SP 086-619-034)
2504.602/02512	12" MECHANICAL JOINT RESTRAINT ASSEMBLY	42	EACH	CSAH 19 (SP 086-619-034)
2504.603/02004	4" PVC WATERMAIN	125	L F	CSAH 19 (SP 086-619-034)
2504.603/02008	8" PVC WATERMAIN	121	L F	CSAH 19 (SP 086-619-034)
2504.603/02012	12" PVC WATERMAIN	2,355	L F	CSAH 19 (SP 086-619-034)
2504.604/00100	4" INSULATION	39	S Y	CSAH 19 (SP 086-619-034)
2504.608/00020	DUCTILE IRON FITTINGS	2,200	LB	CSAH 19 (SP 086-619-034)
2506.502/00301	CONST DRAINAGE STRUCTURE DESIGN SPEC 1	51	EACH	CSAH 19 (SP 086-619-034)
2506.502/00302	CONST DRAINAGE STRUCTURE DESIGN SPEC 2	1	EACH	CSAH 19 (SP 086-619-034)
2506.502/06000	CASTING ASSEMBLY	140	EACH	CSAH 19 (SP 086-619-034)
2506.502/06020	ADJUST FRAME & RING CASTING	4	EACH	CSAH 19 (SP 086-619-034)
2506.503/00080	CONST DRAINAGE STRUCTURE DESIGN H	10	L F	CSAH 19 (SP 086-619-034)
2506.503/00190	CONST DRAINAGE STRUCTURE DESIGN SD-48	51	L F	CSAH 19 (SP 086-619-034)
2506.503/00193	CONST DRAINAGE STRUCTURE DESIGN SD-60	33	L F	CSAH 19 (SP 086-619-034)
2506.503/00196	CONST DRAINAGE STRUCTURE DESIGN SD-72	3	L F	CSAH 19 (SP 086-619-034)
2506.503/02420	CONST DRAINAGE STRUCTURE DES 48-4020	232	L F	CSAH 19 (SP 086-619-034)
2506.503/03020	CONST DRAINAGE STRUCTURE DES 60-4020	41	L F	CSAH 19 (SP 086-619-034)
2506.503/03620	CONST DRAINAGE STRUCTURE DES 72-4020	11	L F	CSAH 19 (SP 086-619-034)
2511.504/00014	GEOTEXTILE FILTER TYPE 4	227	S Y	CSAH 19 (SP 086-619-034)
2511.507/00013	RANDOM RIPRAP CLASS II	34	C Y	CSAH 19 (SP 086-619-034)
2511.507/00015	RANDOM RIPRAP CLASS IV	21	C Y	CSAH 19 (SP 086-619-034)
2511.507/00022	GRANULAR FILTER	5	C Y	CSAH 19 (SP 086-619-034)
2511.602/00100	LANDSCAPE BOULDERS	60	EACH	CSAH 19 (SP 086-619-034)
2521.518/00040	4" CONCRETE WALK	16,358	S F	CSAH 19 (SP 086-619-034)
2521.518/00042	4" CONCRETE WALK SPECIAL	9,618	S F	CSAH 19 (SP 086-619-034)
2521.518/00060	6" CONCRETE WALK	8,263	S F	CSAH 19 (SP 086-619-034)
2521.518/00130	3" BITUMINOUS WALK	63,339	S F	CSAH 19 (SP 086-619-034)
2531.503/02310	CONCRETE CURB & GUTTER DESIGN B612	1,135	L F	CSAH 19 (SP 086-619-034)
2531.503/02320	CONCRETE CURB & GUTTER DESIGN B624	20,079	L F	CSAH 19 (SP 086-619-034)

2531.503/04120	CONCRETE CURB & GUTTER DESIGN D424	775	L F	CSAH 19 (SP 086-619-034)
2531.504/00080	8" CONCRETE DRIVEWAY PAVEMENT	223	S Y	CSAH 19 (SP 086-619-034)
2531.618/00010	TRUNCATED DOMES	984	S F	CSAH 19 (SP 086-619-034)
2540.602/00140	INSTALL MAIL BOX SUPPORT	5	EACH	CSAH 19 (SP 086-619-034)
2545.502/00100	LIGHTING UNIT TYPE SPECIAL	16	EACH	CSAH 19 (SP 086-619-034)
2545.502/14080	LIGHT FOUNDATION DESIGN E	19	EACH	CSAH 19 (SP 086-619-034)
2545.502/14090	LIGHT FOUNDATION DESIGN E MODIFIED	19	EACH	CSAH 19 (SP 086-619-034)
2545.502/21201	SERVICE CABINET -TYPE L1	2	EACH	CSAH 19 (SP 086-619-034)
2545.502/22510	SERVICE EQUIPMENT	2	EACH	CSAH 19 (SP 086-619-034)
2545.502/22521	EQUIPMENT PAD B	2	EACH	CSAH 19 (SP 086-619-034)
2545.503/01041	1.5" NON-METALLIC CONDUIT	5,600	L F	CSAH 19 (SP 086-619-034)
2545.503/03080	UNDERGROUND WIRE 1/C 8 AWG	24,200	L F	CSAH 19 (SP 086-619-034)
2545.602/23130	INSTALL LIGHTING UNIT	23	EACH	CSAH 19 (SP 086-619-034)
2554.502/00002	GUIDE POST TYPE B	20	EACH	CSAH 19 (SP 086-619-034)
2563.601/00010	TRAFFIC CONTROL	0.6	LS	CSAH 19 (SP 086-619-034)
2564.502/00140	INSTALL SIGN PANEL TYPE SPECIAL	2	EACH	CSAH 19 (SP 086-619-034)
2564.502/00214	INSTALL SIGN TYPE D	1	EACH	CSAH 19 (SP 086-619-034)
2564.502/01402	OBJECT MARKER TYPE X4-2	18	EACH	CSAH 19 (SP 086-619-034)
2564.518/00130	SIGN PANELS TYPE C	1,103	S F	CSAH 19 (SP 086-619-034)
2564.518/00140	SIGN PANELS TYPE D	71	S F	CSAH 19 (SP 086-619-034)
2565.501/00040	EMERGENCY VEHICLE PREEMPTION SYSTEM	1	LS	CSAH 19 (SP 086-619-034)
2565.516/00020	TRAFFIC CONTROL SIGNAL SYSTEM A	1	SYS	CSAH 19 (SP 086-619-034)
2565.616/00301	TEMPORARY SIGNAL SYSTEM A	1	SYS	CSAH 19 (SP 086-619-034)
2571.524/12250	DECIDUOUS TREE 2.5" CAL B&B	45	TREE	CSAH 19 (SP 086-619-034)
2571.524/12300	DECIDUOUS TREE 3" CAL B&B	1	TREE	CSAH 19 (SP 086-619-034)
2571.525/10002	DECIDUOUS SHRUB NO 2 CONT	271	SHRB	CSAH 19 (SP 086-619-034)
2571.525/10005	DECIDUOUS SHRUB NO 5 CONT	600	SHRB	CSAH 19 (SP 086-619-034)
2571.527/00053	PERENNIAL PLUGS	3,320	PLT	CSAH 19 (SP 086-619-034)
2571.527/01310	PERENNIAL NO 1 CONT	2,791	PLT	CSAH 19 (SP 086-619-034)
2573.501/00025	STABILIZED CONSTRUCTION EXIT	0.5	LS	CSAH 19 (SP 086-619-034)
2573.502/00110	STORM DRAIN INLET PROTECTION	116	EACH	CSAH 19 (SP 086-619-034)
2573.502/00140	CULVERT END CONTROLS	17	EACH	CSAH 19 (SP 086-619-034)
2573.503/00023	SILT FENCE; TYPE MS	1,360	L F	CSAH 19 (SP 086-619-034)
2573.503/00030	FLOTATION SILT CURTAIN TYPE STILL WATER	326	L F	CSAH 19 (SP 086-619-034)
2573.503/00064	SEDIMENT CONTROL LOG TYPE COMPOST	7,049	L F	CSAH 19 (SP 086-619-034)
2574.507/00100	COMMON TOPSOIL BORROW	2,419	C Y	CSAH 19 (SP 086-619-034)
2574.507/00104	BOULEVARD TOPSOIL BORROW	1,729	C Y	CSAH 19 (SP 086-619-034)
2574.508/00013	FERTILIZER TYPE 3	1,668	LB	CSAH 19 (SP 086-619-034)
2575.504/00073	EROSION CONTROL BLANKETS CATEGORY 3N	1,791	S Y	CSAH 19 (SP 086-619-034)
2575.504/00110	RAPID STABILIZATION METHOD 4	1,344	S Y	CSAH 19 (SP 086-619-034)
2575.505/00021	SEEDING	5.8	ACRE	CSAH 19 (SP 086-619-034)
2575.507/00060	MULCH MATERIAL TYPE 6	515	C Y	CSAH 19 (SP 086-619-034)
2575.508/25141	SEED MIXTURE 25-141	281	LB	CSAH 19 (SP 086-619-034)
2575.508/33261	SEED MIXTURE 33-261	7	LB	CSAH 19 (SP 086-619-034)
2575.508/40001	HYDRAULIC MULCH MATRIX	19,152	LB	CSAH 19 (SP 086-619-034)
2581.503/00010	REMOVABLE PREFORMED PAVEMENT MARKING TAPE	1,683	LF	CSAH 19 (SP 086-619-034)
2582.503/10104	4" SOLID LINE PAINT	54,514	L F	CSAH 19 (SP 086-619-034)
2582.503/10404	4" DBLE SOLID LINE PAINT	11,036	L F	CSAH 19 (SP 086-619-034)
2582.503/36104	4" SOLID LINE MULTI COMP GR IN	10,013	L F	CSAH 19 (SP 086-619-034)
2582.503/36106	6" SOLID LINE MULTI COMP GR IN	11,968	L F	CSAH 19 (SP 086-619-034)
2582.503/36124	24" SOLID LINE MULTI COMP GR IN	633	L F	CSAH 19 (SP 086-619-034)
2582.503/36204	4" BROKEN LINE MULTI COMP GR IN	2,419	L F	CSAH 19 (SP 086-619-034)
2582.503/36404	4" DBLE SOLID LINE MULTI COMP GR IN	1,560	L F	CSAH 19 (SP 086-619-034)
2582.503/40312	12" DOTTED LINE MULTI COMP GR IN (WR)	224	L F	CSAH 19 (SP 086-619-034)
2582.518/04020	PAVT MSSG PREF THERMO GR IN	967	S F	CSAH 19 (SP 086-619-034)
2582.518/08020	CROSSWALK PREF THERMO GR IN	3,510	S F	CSAH 19 (SP 086-619-034)
2021.501/00010	MOBILIZATION	0.4	LS	CSAH 38 (SP 086-638-007)
2031.502/00010	FIELD OFFICE TYPE B	0.4	EACH	CSAH 38 (SP 086-638-007)

2041.610/00010	TRAINEES	375	HR	CSAH 38 (SP 086-638-007)
2101.505/00030	GRUBBING	1.5	ACRE	CSAH 38 (SP 086-638-007)
2101.524/00050	GRUBBING	4	TREE	CSAH 38 (SP 086-638-007)
2102.518/00010	PAVEMENT MARKING REMOVAL	111	S F	CSAH 38 (SP 086-638-007)
2104.502/00130	REMOVE PIPE APRON	22	EACH	CSAH 38 (SP 086-638-007)
2104.502/00850	REMOVE GATE VALVE & BOX	3	EACH	CSAH 38 (SP 086-638-007)
2104.502/00910	REMOVE DRAINAGE STRUCTURE	4	EACH	CSAH 38 (SP 086-638-007)
2104.502/01240	REMOVE SIGN TYPE C	23	EACH	CSAH 38 (SP 086-638-007)
2104.502/01250	REMOVE SIGN TYPE D	1	EACH	CSAH 38 (SP 086-638-007)
2104.502/02920	SALVAGE LIGHTING UNIT	3	EACH	CSAH 38 (SP 086-638-007)
2104.502/03390	SALVAGE SIGN TYPE SPECIAL	7	EACH	CSAH 38 (SP 086-638-007)
2104.502/03590	SALVAGE MAIL BOX SUPPORT	2	EACH	CSAH 38 (SP 086-638-007)
2104.503/00195	SAWING CONCRETE PAVEMENT (FULL DEPTH)	57	L F	CSAH 38 (SP 086-638-007)
2104.503/00205	SAWING BIT PAVEMENT (FULL DEPTH)	290	L F	CSAH 38 (SP 086-638-007)
2104.503/00270	REMOVE WATER MAIN	385	L F	CSAH 38 (SP 086-638-007)
2104.503/00285	REMOVE SEWER PIPE (STORM)	925	L F	CSAH 38 (SP 086-638-007)
2104.503/00315	REMOVE CURB & GUTTER	2,327	L F	CSAH 38 (SP 086-638-007)
2104.503/00550	REMOVE UNDERGROUND WIRE	1,160	L F	CSAH 38 (SP 086-638-007)
2104.504/00110	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	216	S Y	CSAH 38 (SP 086-638-007)
2104.504/00120	REMOVE BITUMINOUS PAVEMENT	22,962	S Y	CSAH 38 (SP 086-638-007)
2104.518/00100	REMOVE BITUMINOUS WALK	9,318	S F	CSAH 38 (SP 086-638-007)
2104.518/00140	REMOVE CONCRETE WALK	324	S F	CSAH 38 (SP 086-638-007)
2106.507/00010	EXCAVATION - COMMON	8,708	C Y	CSAH 38 (SP 086-638-007)
2106.507/00040	EXCAVATION - SUBGRADE	16,307	C Y	CSAH 38 (SP 086-638-007)
2106.507/00050	EXCAVATION - CHANNEL AND POND	13,069	C Y	CSAH 38 (SP 086-638-007)
2106.507/00130	COMMON EMBANKMENT (CV)	16,459	C Y	CSAH 38 (SP 086-638-007)
2123.510/00010	COMMON LABORERS	10	HOUR	CSAH 38 (SP 086-638-007)
2123.510/00130	DOZER	10	HOUR	CSAH 38 (SP 086-638-007)
2123.510/00150	10 CU YD TRUCK	10	HOUR	CSAH 38 (SP 086-638-007)
2123.510/00210	0.75 CU YD FRONT END LOADER	10	HOUR	CSAH 38 (SP 086-638-007)
2123.610/00410	STREET SWEEPER (WITH PICKUP BROOM)	10	HOUR	CSAH 38 (SP 086-638-007)
2130.523/00010	WATER	10	MGAL	CSAH 38 (SP 086-638-007)
2211.507/00120	AGGREGATE BASE (CV) CLASS 3	17,663	C Y	CSAH 38 (SP 086-638-007)
2211.507/00170	AGGREGATE BASE (CV) CLASS 5	8,830	C Y	CSAH 38 (SP 086-638-007)
2301.504/00070	CONCRETE PAVEMENT 7.0"	476	S Y	CSAH 38 (SP 086-638-007)
2302.602/00030	DRILL & GROUT REINF BAR (EPOXY COATED)	192	EACH	CSAH 38 (SP 086-638-007)
2360.509/24205	TYPE SP 12.5 NON WEAR COURSE MIX (4;B)	3,730	TON	CSAH 38 (SP 086-638-007)
2360.509/24600	TYPE SP 12.5 WEARING COURSE MIX (4;F)	4,351	TON	CSAH 38 (SP 086-638-007)
2451.507/00250	FINE AGGREGATE BEDDING (CV)	37	C Y	CSAH 38 (SP 086-638-007)
2501.502/05012	12" RC PIPE APRON	2	EACH	CSAH 38 (SP 086-638-007)
2501.502/05015	15" RC PIPE APRON	6	EACH	CSAH 38 (SP 086-638-007)
2501.502/05018	18" RC PIPE APRON	3	EACH	CSAH 38 (SP 086-638-007)
2501.502/05036	36" RC PIPE APRON	2	EACH	CSAH 38 (SP 086-638-007)
2501.502/15022	22" SPAN RC PIPE-ARCH APRON	1	EACH	CSAH 38 (SP 086-638-007)
2501.502/44015	15" RC SAFETY APRON	2	EACH	CSAH 38 (SP 086-638-007)
2501.602/60012	TRASH GUARD FOR 12" PIPE APRON	2	EACH	CSAH 38 (SP 086-638-007)
2501.602/60015	TRASH GUARD FOR 15" PIPE APRON	6	EACH	CSAH 38 (SP 086-638-007)
2501.602/60018	TRASH GUARD FOR 18" PIPE APRON	3	EACH	CSAH 38 (SP 086-638-007)
2501.602/60036	TRASH GUARD FOR 36" PIPE APRON	2	EACH	CSAH 38 (SP 086-638-007)
2501.602/61022	TRASH GUARD FOR 22" SPAN PIPE APRON	1	EACH	CSAH 38 (SP 086-638-007)
2502.503/07040	4" PE PIPE DRAIN	12,518	L F	CSAH 38 (SP 086-638-007)
2503.503/18022	22" SPAN RC PIPE-ARCH SEWER CL IIA	162	L F	CSAH 38 (SP 086-638-007)
2503.602/00320	CONNECT TO EXISTING STORM SEWER	1	EACH	CSAH 38 (SP 086-638-007)
2503.603/33012	12" PIPE SEWER	43	L F	CSAH 38 (SP 086-638-007)
2503.603/33015	15" PIPE SEWER	5,505	L F	CSAH 38 (SP 086-638-007)
2503.603/33018	18" PIPE SEWER	839	L F	CSAH 38 (SP 086-638-007)
2503.603/33036	36" PIPE SEWER	91	LF	CSAH 38 (SP 086-638-007)
2504.602/00010	CONNECT TO EXISTING WATER MAIN	2	EACH	CSAH 38 (SP 086-638-007)

2504.602/00026	ADJUST HYDRANT & GATE VALVE	1	EACH	CSAH 38 (SP 086-638-007)
2504.602/00816	16" GATE VALVE & BOX	3	EACH	CSAH 38 (SP 086-638-007)
2504.603/01161	16" WATERMAIN DUCTILE IRON CL 51	476	L F	CSAH 38 (SP 086-638-007)
2504.603/04241	24" STEEL CASING PIPE (JACKED)	108	L F	CSAH 38 (SP 086-638-007)
2504.608/00020	DUCTILE IRON FITTINGS	1,534	LB	CSAH 38 (SP 086-638-007)
2506.502/00301	CONST DRAINAGE STRUCTURE DESIGN SPEC 1	37	EACH	CSAH 38 (SP 086-638-007)
2506.502/00302	CONST DRAINAGE STRUCTURE DESIGN SPEC 2	2	EACH	CSAH 38 (SP 086-638-007)
2506.502/06000	CASTING ASSEMBLY	67	EACH	CSAH 38 (SP 086-638-007)
2506.502/06020	ADJUST FRAME & RING CASTING	1	EACH	CSAH 38 (SP 086-638-007)
2506.503/00190	CONST DRAINAGE STRUCTURE DESIGN SD-48	21	L F	CSAH 38 (SP 086-638-007)
2506.503/00193	CONST DRAINAGE STRUCTURE DESIGN SD-60	13	L F	CSAH 38 (SP 086-638-007)
2506.503/02420	CONST DRAINAGE STRUCTURE DES 48-4020	97	L F	CSAH 38 (SP 086-638-007)
2506.503/03020	CONST DRAINAGE STRUCTURE DES 60-4020	24	L F	CSAH 38 (SP 086-638-007)
2506.503/03620	CONST DRAINAGE STRUCTURE DES 72-4020	11	L F	CSAH 38 (SP 086-638-007)
2511.504/00014	GEOTEXTILE FILTER TYPE 4	102	S Y	CSAH 38 (SP 086-638-007)
2511.507/00013	RANDOM RIPRAP CLASS II	19	C Y	CSAH 38 (SP 086-638-007)
2511.507/00022	GRANULAR FILTER	1	C Y	CSAH 38 (SP 086-638-007)
2521.518/00040	4" CONCRETE WALK	25,103	S F	CSAH 38 (SP 086-638-007)
2521.518/00060	6" CONCRETE WALK	3,001	S F	CSAH 38 (SP 086-638-007)
2521.518/00130	3" BITUMINOUS WALK	102,810	S F	CSAH 38 (SP 086-638-007)
2531.503/02320	CONCRETE CURB & GUTTER DESIGN B624	18,992	L F	CSAH 38 (SP 086-638-007)
2531.503/04120	CONCRETE CURB & GUTTER DESIGN D424	396	L F	CSAH 38 (SP 086-638-007)
2531.503/23710	CONCRETE CURB DESIGN V10	51	L F	CSAH 38 (SP 086-638-007)
2531.504/00080	8" CONCRETE DRIVEWAY PAVEMENT	28	S Y	CSAH 38 (SP 086-638-007)
2531.618/00010	TRUNCATED DOMES	620	S F	CSAH 38 (SP 086-638-007)
2540.602/00140	INSTALL MAIL BOX SUPPORT	2	EACH	CSAH 38 (SP 086-638-007)
2545.502/14080	LIGHT FOUNDATION DESIGN E	13	EACH	CSAH 38 (SP 086-638-007)
2545.502/21201	SERVICE CABINET -TYPE L1	1	EACH	CSAH 38 (SP 086-638-007)
2545.502/22510	SERVICE EQUIPMENT	1	EACH	CSAH 38 (SP 086-638-007)
2545.502/22521	EQUIPMENT PAD B	1	EACH	CSAH 38 (SP 086-638-007)
2545.503/01041	1.5" NON-METALLIC CONDUIT	1,900	L F	CSAH 38 (SP 086-638-007)
2545.503/03080	UNDERGROUND WIRE 1/C 8 AWG	8,300	L F	CSAH 38 (SP 086-638-007)
2545.602/23130	INSTALL LIGHTING UNIT	16	EACH	CSAH 38 (SP 086-638-007)
2554.502/00002	GUIDE POST TYPE B	17	EACH	CSAH 38 (SP 086-638-007)
2563.601/00010	TRAFFIC CONTROL	0.4	LS	CSAH 38 (SP 086-638-007)
2564.502/00140	INSTALL SIGN PANEL TYPE SPECIAL	7	EACH	CSAH 38 (SP 086-638-007)
2564.502/00214	INSTALL SIGN TYPE D	1	EACH	CSAH 38 (SP 086-638-007)
2564.502/01402	OBJECT MARKER TYPE X4-2	15	EACH	CSAH 38 (SP 086-638-007)
2564.518/00130	SIGN PANELS TYPE C	556	S F	CSAH 38 (SP 086-638-007)
2564.518/00140	SIGN PANELS TYPE D	49	S F	CSAH 38 (SP 086-638-007)
2573.501/00025	STABILIZED CONSTRUCTION EXIT	0.5	LS	CSAH 38 (SP 086-638-007)
2573.502/00110	STORM DRAIN INLET PROTECTION	91	EACH	CSAH 38 (SP 086-638-007)
2573.502/00140	CULVERT END CONTROLS	17	EACH	CSAH 38 (SP 086-638-007)
2573.503/00023	SILT FENCE; TYPE MS	3,724	L F	CSAH 38 (SP 086-638-007)
2573.503/00030	FLOTATION SILT CURTAIN TYPE STILL WATER	117	L F	CSAH 38 (SP 086-638-007)
2573.503/00064	SEDIMENT CONTROL LOG TYPE COMPOST	8,529	L F	CSAH 38 (SP 086-638-007)
2574.507/00100	COMMON TOPSOIL BORROW	4,561	C Y	CSAH 38 (SP 086-638-007)
2574.507/00104	BOULEVARD TOPSOIL BORROW	1,693	C Y	CSAH 38 (SP 086-638-007)
2574.508/00013	FERTILIZER TYPE 3	2,370	LB	CSAH 38 (SP 086-638-007)
2575.504/00073	EROSION CONTROL BLANKETS CATEGORY 3N	5,756	S Y	CSAH 38 (SP 086-638-007)
2575.504/00110	RAPID STABILIZATION METHOD 4	4,314	S Y	CSAH 38 (SP 086-638-007)
2575.505/00021	SEEDING	7.9	ACRE	CSAH 38 (SP 086-638-007)
2575.508/25141	SEED MIXTURE 25-141	370	LB	CSAH 38 (SP 086-638-007)
2575.508/33261	SEED MIXTURE 33-261	23	LB	CSAH 38 (SP 086-638-007)
2575.508/40001	HYDRAULIC MULCH MATRIX	25,863	LB	CSAH 38 (SP 086-638-007)
2582.503/36104	4" SOLID LINE MULTI COMP GR IN	15,216	L F	CSAH 38 (SP 086-638-007)
2582.503/36106	6" SOLID LINE MULTI COMP GR IN	16,759	L F	CSAH 38 (SP 086-638-007)
2582.503/36204	4" BROKEN LINE MULTI COMP GR IN	1,384	L F	CSAH 38 (SP 086-638-007)

2582.503/36404	4" DBLE SOLID LINE MULTI COMP GR IN	2,917	L F	CSAH 38 (SP 086-638-007)
2582.503/40312	12" DOTTED LINE MULTI COMP GR IN (WR)	92	L F	CSAH 38 (SP 086-638-007)
2582.518/04020	PAVT MSSG PREF THERMO GR IN	465	S F	CSAH 38 (SP 086-638-007)
2582.518/08020	CROSSWALK PREF THERMO GR IN	1,740	S F	CSAH 38 (SP 086-638-007)