

Request for Quote – DBE Subcontractors and Suppliers

Project: Webber-44 Reconstruction (CP 2111000)
Hennepin County

Bid Date: Tuesday, November 3, 2020
Bid Time: 2:00 pm

DBE Goal: 10.8%

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)

We have identified the following work types for this project:

Project: Webber-44 Reconstruction (CP 2111000)
 Hennepin County

Aggregates	Asphalt Paving
Borrow	Bridge / Structures
Clearing & Grubbing	Concrete Curb & Gutter / Sidewalk
Concrete Paving	Dewatering
Dumpsters	Electrical
Erosion Control	Excavation / Grading
Fencing	Field Office / Lab
Milling	Portable Restrooms
Rebar / Structural Steel	Removals
RipRap / Geotextiles	Sawcutting
Seed, Sod & Turf Establishment	Signing
Striping	Surveying / As-Builts
Sweeping	Traffic Control
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. 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.

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

Hennepin County

☐☐

Webber-44 Reconstruction

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
HENNEPIN COUNTY TRANSPORTATION DEPARTMENT
CONSTRUCTION PLAN FOR GRADING, BITUMINOUS SURFACING,
ADA IMPROVEMENT AND SIGNALS
COUNTY STATE AID HIGHWAY NO. 152 & 57
CITY OF MINNEAPOLIS

FROM CSAH 2 TO 41 ST AVENUE E

GROSS LENGTH 7070 FEET 1.34 MILES
BRIDGE LENGTH N/A FEET N/A MILES
EXCEPTION LENGTH N/A FEET N/A MILES
NET LENGTH 7070 FEET 1.34 MILES

LENGTH AND DESCRIPTION BASED UPON C/L CSAH 152

END CSAH 152 CP NO. 1110
S.P. 027-657-008
S.P. 141-020-124
HUMBOLDT STA.105+31.03

BEGIN CSAH 152 CP NO. 1110
S.P. 027-752-030
S.P. 141-020-124
44TH AVE STA.11+16.17

FROM CSAH 152 TO VICTORY MEMORIAL PKWY.

GROSS LENGTH 570 FEET 0.10 MILES
BRIDGE LENGTH N/A FEET N/A MILES
EXCEPTION LENGTH N/A FEET N/A MILES
NET LENGTH 570 FEET 0.10 MILES

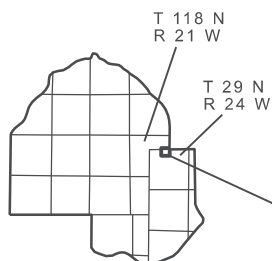
LENGTH AND DESCRIPTION BASED UPON C/L CSAH 57

BEGIN CSAH 152 CP NO. 1110
S.P. 027-657-008
S.P. 141-020-124
HUMBOLDT STA.100+49.81

END CSAH 152 CP NO. 1110
S.P. 027-752-030
S.P. 141-020-124
41ST AVE 80+25.31



PROJECT LOCATION
HENNEPIN COUNTY
MnDOT METRO DISTRICT



T 118 N, R 21 W SECTIONS:
11, 12, 13, 14
T 29 N, R 24 W SECTIONS:
3, 4

SCALES

PLAN 50'
GENERAL LAYOUT 300'
INDEX MAP 2000'
PROFILE 50' HORZ.
10' VERT.
DRAINAGE PROFILES 50' HORZ.
10' VERT.

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

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: _____

DESIGN DESIGNATION	C.S.A.H 152 44TH/WEBBER	C.S.A.H 152 LYNDALE	C.S.A.H 57 HUMBOLDT	MULTI-USE PATH
R-VALUE	40	55	40	
ADT (CURRENT YEAR) 2020	7000	11400	4000	
ADT (DESIGN YEAR) 2040	9400	15400	5400	
T (HEAVY COMMERCIAL)	7%	15.8%	9.9%	
PAVEMENT DESIGN	10 TON	10 TON	10 TON	
FUNCTIONAL CLASS	A MINOR AUGMENTOR	A MINOR AUGMENTOR	MAJOR COLLECTOR	
NO. OF TRAFFIC LANES	2	3	2	
NO. OF PARKING LANES	2	1	1	
SHOULDER WIDTH	N/A	N/A	N/A	
ESALS $\sum N^{18}$ (20)	1,500,000	4,500,000	1,200,000	
DESIGN SPEED	30 MPH	30 MPH	30 MPH	20 MPH
BASED ON SIGHT DISTANCE	STOPPING	STOPPING	STOPPING	
HEIGHT OF EYE / HEIGHT OF OBJECT	3.5' / 2.0'	3.5' / 2.0'	3.5' / 2.0'	4.5' / 0'



MINN. PROJ. NO. _____ SPF 2720(158)

GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SHALL GOVERN. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE INSTALLED IN ACCORDANCE TO " MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD) AND PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS".

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	GENERAL LAYOUT
4-8	STATEMENT OF ESTIMATED QUANTITIES
9	STANDARD PLATES AND TABULATION INDEX
10-13	EARTHWORK SUMMARY AND TABULATIONS
14	SOIL AND CONSTRUCTION NOTES
15-20	QUANTITY TABULATIONS
21-44	INPLACE UTILITY TABULATIONS
45-55	INPLACE UTILITY PLANS
56-64	TYPICAL SECTIONS
65-96	STANDARD PLANS
97-103	MISCELLANEOUS DETAILS
104-127	ALIGNMENT PLAN AND TABULATIONS
128-138	REMOVAL PLANS
139-149	CONSTRUCTION PLANS
150-156	PROFILES
157-190	INTERSECTION DETAIL
191	DRAINAGE DETAILS
192-202	SUPERELEVATION AND DRAINAGE PLANS
203-226	DRAINAGE TABULATIONS AND PROFILES
227-229	SWPPP AND WATER RESOURCES NOTES
230	EROSION CONTROL AND TURF ESTABLISHMENT TABULATIONS
231-241	EROSION CONTROL PLANS
242-252	TURF ESTABLISHMENT PLANS
SS-1-SS-53	SIGNAL AND FIBER OPTIC PLANS
TMS01-TMS02	TMS PLANS
LT1-LT16	LIGHTING PLANS
ST1-ST24	STRIPING AND SIGNING PLANS
TC1-TC33	STAGING AND TRAFFIC CONTROL PLANS
SW1-SW11	SANITARY AND WATERMAIN PLANS
XS1-XS103	CROSS SECTIONS
BT1-BT28	D-LINE PLANS
	THIS PLAN CONTAINS 525 SHEETS

APPROVED *Case Stueve* 5/5/2020
HENNEPIN COUNTY: COUNTY HIGHWAY ENGINEER DATE

RECOMMENDED FOR APPROVAL *Jessica J. Inayovich* 5/5/2020
HENNEPIN COUNTY: DESIGN DIVISION ENGINEER DATE

APPROVED *Byron D. Dahl* 5/8/2020
CITY OF MINNEAPOLIS: CITY ENGINEER DATE

APPROVED *D. L. L...* 6/11/2020
DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AND FEDERAL AID RULES/POLICY DATE

APPROVED *D. L. L...* 6/11/2020
for APPROVED FOR STATE AND FEDERAL AID FUNDING: STATE AID ENGINEER DATE



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.

JASON STALBELL, LICENSED PROFESSIONAL ENGINEER

44600 04/27/2020
LICENSE NO. DATE

DESIGN SQUAD

R. ALLERS, J. POTTER, S. PARK
M. KUHAES, D. KUNATH, J. KAMPA
E. ITKONEN, J. WANNER
A. CHALUPSKY

TITLE SHEET

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124

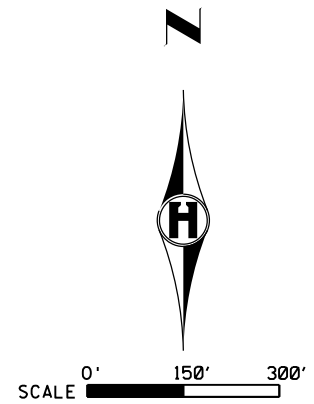
SHEET

1
252

PLAN SHEET LAYOUT

- XX INPLACE UTILITY PLANS
- XX REMOVAL PLANS
- XX CONSTRUCTION PLANS
- XX SUPERELEV. AND DRAINAGE PLANS
- XX EROSION CONTROL PLAN
- XX SIGNING AND STRIPING PLAN

CITY OF MINNEAPOLIS HENNEPIN COUNTY



Humboldt Ave
CSAH 57

DESIGN SPEED
30
MPH

2020 ADT = 4000
2040 ADT = 5400

END CSAH 57 CP NO. 1110
S.P. 027-657-008
S.P. 141-020-124
STA. 105+31.03

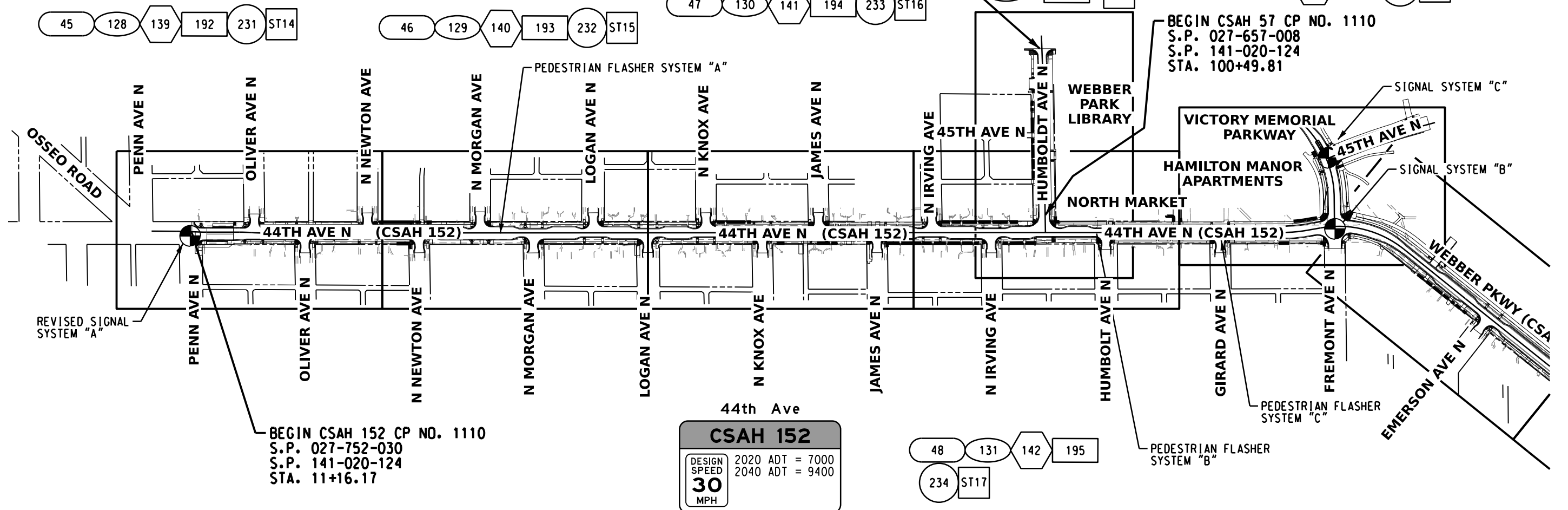
BEGIN CSAH 57 CP NO. 1110
S.P. 027-657-008
S.P. 141-020-124
STA. 100+49.81

BEGIN CSAH 152 CP NO. 1110
S.P. 027-752-030
S.P. 141-020-124
STA. 11+16.17

44th Ave
CSAH 152

DESIGN SPEED
30
MPH

2020 ADT = 7000
2040 ADT = 9400



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.

JASON STAEBELL, LICENSED PROFESSIONAL ENGINEER

44600 04/27/2020
LICENSE NO. DATE

DESIGN BY: J. KAMPA
CAD BY: J. KAMPA
CHECKED BY: J. STAEBELL
LAST REVISION: / /

GENERAL LAYOUT

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124
SHEET 1 OF 2

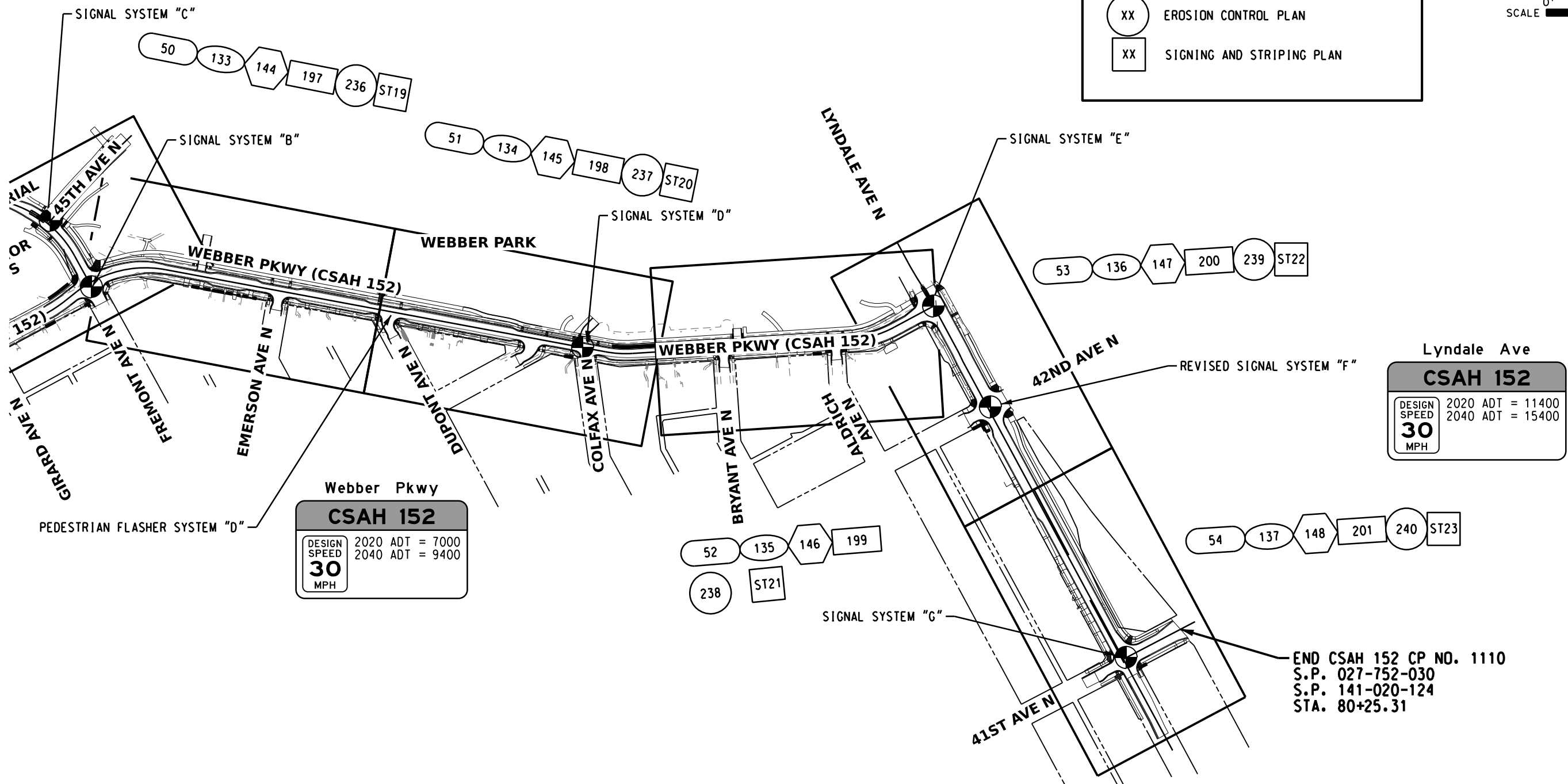
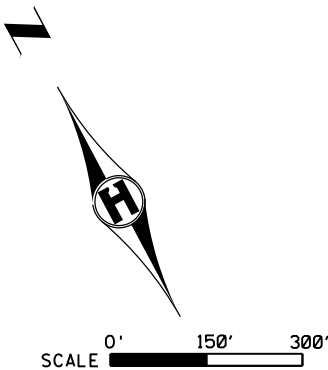
SHEET

2
252

CITY OF MINNEAPOLIS
HENNEPIN COUNTY

PLAN SHEET LAYOUT

- XX INPLACE UTILITY PLANS
- XX REMOVAL PLANS
- XX CONSTRUCTION PLANS
- XX SUPERELEV. AND DRAINAGE PLANS
- XX EROSION CONTROL PLAN
- XX SIGNING AND STRIPING PLAN



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.

JASON STAEBELL, LICENSED PROFESSIONAL ENGINEER

44600

LICENSE NO.

04/27/2020

DATE

DESIGN BY:

J. KAMPA

CAD BY:

J. KAMPA

CHECKED BY:

J. STAEBELL

LAST REVISION:

/ /

GENERAL LAYOUT

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124
SHEET 2 OF 2

SHEET

3

252

NOTES	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITY	FEDERAL/STATE AID PARTICIPATING			STATE AID PARTICIPATING			NON PARTICIPATING		
							HENNEPIN CO. SP 027-752-030	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-752-030 SP 141-020-124	HENNEPIN CO. SP 027-657-008	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-657-008 SP 141-020-124	MINNEAPOLIS LOCAL	MINNEAPOLIS PARK AND RECREATION BOARD	MET COUNCIL D LINE
							QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
(3)			2011.601	AS BUILT	LUMP SUM	1	0.5	0.3							0.2
(3)			2021.501	MOBILIZATION	LUMP SUM	1	0.6	0.1	0.17	0.03	0.01	0.01	0.05	0.01	0.02
(1) (3)			2031.502	FIELD OFFICE TYPE D	EACH	1	0.6	0.1	0.17	0.03	0.01	0.01	0.05	0.01	0.02
(1) (3)			2031.502	FIELD LABORATORY TYPE D	EACH	1	0.6	0.1	0.17	0.03	0.01	0.01	0.05	0.01	0.02
			2041.610	TRAINEES	hour	2500	2500								
(5)	A	15	2101.524	CLEARING	TREE	88	75			13					
(5)	A	15	2101.524	GRUBBING	TREE	88	75			13					
			2102.503	PAVEMENT MARKING REMOVAL	lin ft	2400	2400								
			2102.518	PAVEMENT MARKING REMOVAL	SQ FT	1160	1160								
(1)	I	43-44	2103.502	DISCONNECT WATER SERVICE	EACH	6	6								
(1)	A	15	2104.502	REMOVE BOLLARDS	EACH	7	7								
(1)	J	100	2104.502	REMOVE CONCRETE STEPS	EACH	39	35		4						
	R	34-35	2104.502	REMOVE MANHOLE	EACH	23	22		1						
	G	29A	2104.502	REMOVE CASTING	EACH	9	9								
	I	43-44	2104.502	REMOVE GATE VALVE	EACH	25	20		1				4		
	I	43-44	2104.502	REMOVE VALVE BOX	EACH	4	4								
	I	43-44	2104.502	REMOVE HYDRANT	EACH	17	13		1				3		
	G	29A	2104.502	REMOVE DRAINAGE STRUCTURE	EACH	157	151		6						
		128	2104.502	REMOVE PEDESTAL POLE & BASE	EACH	1	1								
	S	ST1	2104.502	REMOVE SIGN TYPE C	EACH	193	186		7						
(1)	O	SS-1	2104.502	REMOVE SIGNAL SYSTEM A	EACH	1	1								
(1)	O	SS-1	2104.502	REMOVE SIGNAL SYSTEM B	EACH	1	1								
(1)	O	SS-1	2104.502	REMOVE SIGNAL SYSTEM C	EACH	1	1								
	P	TMS01	2104.502	REMOVE HANDHOLE	EACH	1	1								
	A	15	2104.502	REMOVE LIGHT FOUNDATION	EACH	26	24		2						
(10)	H	31-32	2104.502	SALVAGE CASTING	EACH	6							6		
	Q	LT1	2104.502	SALVAGE LIGHTING UNIT	EACH	24							20	4	
	S	ST1	2104.502	SALVAGE SIGN TYPE C	EACH	63	58		5						
		134	2104.502	SALVAGE BENCH	EACH	1								1	
	A	15	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	lin ft	1510	1401		109						
	A	15	2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	lin ft	1840	1693		147						
	I	43-44	2104.503	REMOVE WATER MAIN	lin ft	880	582		5				293		
	G	29A	2104.503	REMOVE PIPE SEWERS	lin ft	7203	7064		139						
	A	15	2104.503	REMOVE CURB & GUTTER	lin ft	16100	15193		907						
	A	15	2104.503	REMOVE RETAINING WALL	lin ft	925	925								
(1)	A	15	2104.503	REMOVE FENCE	lin ft	1511	1511								
		132	2104.503	REMOVE GUARDRAIL-PLATE BEAM	lin ft	15	15								
(1)		128	2104.503	REMOVE STREETCAR TRACKS	lin ft	6568	6568								
	A	15	2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	1593	1483		110						
	A	15	2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	4288	4128		160						
(17)	A	15	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	42053	39987		2066						
(1)	O	SS-1	2104.509	REMOVE SIGNAL SYSTEM D	EACH	1	1								
(1)	O	SS-1	2104.509	REMOVE SIGNAL SYSTEM E	EACH	1	1								
(1)	O	SS-1	2104.509	REMOVE SIGNAL SYSTEM F	EACH	1	1								
(1)	O	SS-1	2104.509	REMOVE SIGNAL SYSTEM G	EACH	1	1								
	A	15	2104.518	REMOVE BITUMINOUS WALK	SQ FT	23269	23269								
	A	15	2104.518	REMOVE CONCRETE WALK	SQ FT	104555	99395		5160						
	A	15	2104.518	REMOVE CONCRETE PAVEMENT	SQ FT	8998	8998								
	A	15	2104.602	REMOVE BOULDER	EACH	5	5								
			2105.601	DEWATERING	LUMP SUM	1			0.8			0.1	0.1		
	EW	10	2105.607	EXCAVATION SPECIAL	(P) CU YD	2172	2058		114						
(2)	EW	10	2105.609	HAUL & DISPOSE OF CONTAMINATED MATERIAL	TON	3623	3623								
	EW	10	2106.507	EXCAVATION - COMMON	(P) CU YD	16666	16041		625						
	EW	10	2106.507	EXCAVATION - SUBGRADE	(P) CU YD	15333	14592		741						
	EW	10	2106.507	SELECT GRANULAR EMBANKMENT (CV)	(P) CU YD	15333	14592		741						
(19)	EW	10	2106.507	COMMON EMBANKMENT (CV)	(P) CU YD	4383	4146		237						
			2123.610	STREET SWEEPER (WITH PICKUP BROOM)	hour	300	240		60						
			2130.523	WATER	M GALLON	10	9		1						
			2131.506	CALCIUM CHLORIDE SOLUTION	GALLON	6060	6000		60						
	D	18	2211.507	AGGREGATE BASE (CV) CLASS 5	(P) CU YD	10188	8885	788		460	55				

10/14/20 ITEMS REMOVED. QUANTITIES AND ITEM DESCRIPTION CHANGED.



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.

JASON STAEBELL, LICENSED PROFESSIONAL ENGINEER

44600 04/27/2020
LICENSE NO. DATE

DESIGN BY: M. KUHAES
CAD BY: J. KAMPA
CHECKED BY: J. STAEBELL
LAST REVISION: 10/14/ 20

STATEMENT OF ESTIMATED QUANTITIES

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124
SHEET 1 OF 5

SHEET

R4.1
252

NOTES	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITY	FEDERAL/STATE AID PARTICIPATING			STATE AID PARTICIPATING			NON PARTICIPATING		
							HENNEPIN CO. SP 027-752-030	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-752-030 SP 141-020-124	HENNEPIN CO. SP 027-657-008	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-657-008 SP 141-020-124	MINNEAPOLIS LOCAL	MINNEAPOLIS PARK AND RECREATION BOARD	MET COUNCIL D LINE
							QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
(6)			2231.509	BITUMINOUS PATCHING MIXTURE	TON	120	100			20					
(12)			2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	896	896								
	B	16	2301.502	DOWEL BAR	EACH	158									158
	B	16	2301.504	CONCRETE PAVEMENT 10.0"	SQ YD	428									428
	B	16	2301.508	SUPPLEMENTAL PAVEMENT REINFORCEMENT	POUND	1269									1269
	D	18	2360.509	TYPE SP 9.5 WEARING COURSE MIX (2.B)	TON	892	535	105		45	45			162	
	D	18	2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (4.B)	TON	5315	4521	534		223	37				
(11)	D	18	2360.509	TYPE SP 12.5 WEARING COURSE MIX (4.C)	TON	7373	6309	712		302	50				
		196	2411.602	CONSTRUCT CONCRETE OR MASONRY PLUG	EACH	1	1								
	J	100	2411.603	CONCRETE STEPS-DESIGN SPECIAL	LIN FT	345	309			36					
	K	203	2451.507	FINE AGGREGATE BEDDING (CV)	CU YD	2450			2422			28			
	F	203	2502.503	4" PERF TP PIPE DRAIN	LIN FT	1632	1204			428					
(7)	K	203	2502.602	CONNECT TO EXISTING PIPE DRAIN	EACH	23			21			2			
(7)	BB	191	2502.604	4" INSULATION	SQ YD	90	90								
(7)	K	203	2503.503	10" PVC PIPE SEWER	LIN FT	940			940						
(7)	K	203	2503.503	12" PVC PIPE SEWER	LIN FT	2477			2356			121			
(7)	K	203	2503.503	15" RC PIPE SEWER DES 3006 CL V	LIN FT	1050			945			105			
(7)	K	203	2503.503	18" RC PIPE SEWER DES 3006 CL III	LIN FT	1312			1312						
(7)	K	203	2503.503	24" RC PIPE SEWER DES 3006 CL III	LIN FT	139			139						
(7)	K	203	2503.503	27" RC PIPE SEWER DES 3006 CL III	LIN FT	193			193						
(7)	K	203	2503.503	36" RC PIPE SEWER DES 3006 CL III	LIN FT	463			463						
(7)	K	203	2503.503	42" RC PIPE SEWER DES 3006 CL III	LIN FT	1105			1105						
(7)	K	203	2503.503	48" RC PIPE SEWER DES 3006 CL III	LIN FT	1865			1865						
(7)	K	203	2503.503	66" RC PIPE SEWER DES 3006 CL III	LIN FT	420			420						
		134, 138	2503.602	CONSTRUCT BULKHEAD	EACH	4			2			2			
(7)	K	203	2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	7			6				1		
(7)	G	29A	2503.603	PLUG FILL & ABANDON PIPE SEWER	LIN FT	266			230			36			
	I	43-44	2504.602	WATER SERVICE TAP & HOOKUP	EACH	6	6								
	I	43-44	2504.602	RELOCATE WATER SERVICE CONNECTION	EACH	5	5								
	I	43-44	2504.602	CONNECT TO EXISTING WATERMAIN (SPEC)	EACH	11	8						3		
	I	43-44	2504.602	INSTALL HYDRANT	EACH	17	13			1			3		
	I	43-44	2504.602	INSTALL GATE VALVE & BOX	EACH	5	5								
	I	43-44	2504.602	VALVE BOX	EACH	18	14			1			3		
	I	43-44	2504.602	ADJUST GATE VALVE	EACH	3	3								
	R	34-35	2504.602	ADJUST WATER MANHOLES	EACH	21							21		
	I	43-44	2504.602	6" GATE VALVE	EACH	11							11		
	I	43-44	2504.602	12" GATE VALVE	EACH	1							1		
		33	2504.602	ADJUST CURB STOP	EACH	48							48		
(2)	I	43-44	2504.602	WATER UTILITY HOLE	EACH	30	26		1				3		
	R	34-35	2504.603	RECONSTRUCT WATER MANHOLE	LIN FT	44							44		
	I	43-44	2504.603	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	236	206			5			25		
	I	43-44	2504.603	12" WATERMAIN DUCTILE IRON CL 52	LIN FT	430	240						190		
	I	43-44	2504.608	DUCTILE IRON FITTINGS	POUND	5981	3660			26			2295		
(7)	E, G	203, 29A	2506.502	CASTING ASSEMBLY	EACH	216			205			11			
(10)	H	31-32	2506.502	INSTALL CASTING	EACH	6							6		
(8)	G, H	29A, 31-32	2506.502	ADJUST FRAME & RING CASTING	EACH	48			9				39		
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN H	LIN FT	3.3			3.3						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN J	LIN FT	7.4			7.4						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN N	LIN FT	300.2			283.2			17.0			
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	182.8			172.4			10.4			
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-60	LIN FT	15.9			15.9						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-72	LIN FT	112.4			112.4						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-84	LIN FT	71.3			71.3						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-96	LIN FT	8.4			8.4						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	142.3			122.7			19.6			
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	35.0			35.0						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DES 72-4020	LIN FT	43.6			43.6						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	16.9			16.9						
(7)	K	203	2506.503	CONST DRAINAGE STRUCTURE DES 96-4020	LIN FT	23.7			23.7						
(4)	I	43-44	2506.602	CONSTRUCT WATER MANHOLE	EACH	12	9						3		

10/14/20 ITEMS REMOVED. QUANTITIES AND
ITEM DESCRIPTION CHANGED.



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.

JASON STAEBELL, LICENSED PROFESSIONAL ENGINEER

44600

LICENSE NO.

04/27/2020

DATE

DESIGN BY:

M. KUHAES

CAD BY:

J. KAMPA

CHECKED BY:

J. STAEBELL

LAST REVISION:

10/14/ 20

STATEMENT OF ESTIMATED QUANTITIES

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124
SHEET 2 OF 5

SHEET

R5.1

252

NOTES	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITY	FEDERAL/STATE AID PARTICIPATING			STATE AID PARTICIPATING			NON PARTICIPATING		
							HENNEPIN CO. SP 027-752-030	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-752-030 SP 141-020-124	HENNEPIN CO. SP 027-657-008	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-657-008 SP 141-020-124	MINNEAPOLIS LOCAL	MINNEAPOLIS PARK AND RECREATION BOARD	MET COUNCIL D LINE
							QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
(4)	I	43-44	2506.602	CASTING ASSEMBLY SPECIAL	EACH	12	9						3		
	H	31-32	2506.603	RECONSTRUCT SANITARY MANHOLE	LIN FT	26							26		
	B	16	2521.518	4" CONCRETE WALK	SQ FT	82306	80067			2239					
	B,Y	16, BT11	2521.518	6" CONCRETE WALK	SQ FT	34521	32092			1704					725
	Y	BT11	2521.618	6" CONCRETE WALK SPECIAL	SQ FT	1462									1462
(18)	B	16	2531.503	CONCRETE CURB & GUTTER DESIGN B424	LIN FT	191	96	95							
	B	16	2531.503	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	174	87	87							
	B	16	2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	387	387								
	B	16	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	11477	5234	5233		505	505				
	B	16	2531.503	CONCRETE CURB & GUTTER DESIGN B624 (MOD)	LIN FT	5381	2691	2690							
	B	16	2531.503	CONCRETE CURB & GUTTER DESIGN B924	LIN FT	283									283
	B	16	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	424	201	200		12	11				
	B	16	2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	936	426	425		43	42				
	C	17	2531.603	CONCRETE CURB DESIGN V	LIN FT	1770	797	797		88	88				
	B,Y	16, BT11	2531.618	TRUNCATED DOMES	SQ FT	3525	2850			195					480
(1) (2) (6)			2533.503	PORTABLE PRECAST CONC BARRIER DES 8337	LIN FT	995	995								
(1) (2) (6)			2533.503	RELOCATE PORT PRECAST CONC BAR DES 8337	LIN FT	992	992								
	Y	BT11	2540.607	STATION PLATFORM FOUNDATION (44TH & GIRARD)	CU YD	9									9
	Y	BT11	2540.607	STATION PLATFORM FOUNDATION (44TH & PENN)	CU YD	12									12
	Q	LT1	2545.502	LIGHTING UNIT TYPE SPECIAL	EACH	97	49	48							
	Q	LT1	2545.502	LIGHTING UNIT TYPE SPECIAL 1	EACH	8	4	4							
	Q,Y	LT1, BT11	2545.502	LIGHT FOUNDATION DESIGN SPECIAL	EACH	105	51	50							4
	Y	BT11	2545.502	EQUIPMENT PAD	EACH	2									2
	Q	LT1	2545.502	HANDHOLE	EACH	18	9	9							
	Y	BT11	2545.503	0.5" NON-METALLIC CONDUIT	LIN FT	9									9
	Y	BT11	2545.503	1" NON-METALLIC CONDUIT	LIN FT	936									936
	Y	BT11	2545.503	1.25" NON-METALLIC CONDUIT	LIN FT	170									170
	Q	LT1	2545.503	2" NON-METALLIC CONDUIT	LIN FT	16774	8387	8387							
	Y,Z	BT11, SS-24	2545.503	3" NON-METALLIC CONDUIT	LIN FT	7202	3532	3531							139
	Z	SS-24	2545.503	3" NON-METALLIC COND (DIRECTIONAL BORE)	LIN FT	55	28	27							
	Y	BT11	2545.503	4" NON-METALLIC COND (DIRECTIONAL BORE)	LIN FT	110									110
	Q	LT1	2545.503	UNDERGROUND WIRE 1/C 4 AWG	LIN FT	44484	22242	22242							
	Q	LT1	2545.503	UNDERGROUND WIRE 1/C 8 AWG	LIN FT	14828	7414	7414							
(1)	Q	LT1	2545.515	LIGHT FOUNDATION DESIGN SPECIAL 1	EACH	8	4	4							
	Y	BT11	2545.602	HANDHOLE SPECIAL 1	EACH	2									2
	Z	SS-24	2545.602	HANDHOLE SPECIAL 2	EACH	24	12	12							
	Z	SS-24	2550.503	FIBER OPTIC TRUNK CABLE 12MM-24SM	LIN FT	8318	4159	4159							
	P	TMS01	2550.602	PULL VAULT	EACH	1	1								
	Y	BT11	2550.602	COMMUNICATION HANDHOLE, (STANDARD), CIP	EACH	8									8
	Y	BT11	2550.603	HDPE CONDUIT 1.5 INCH DIA, INCL. TRACER WIRE	LIN FT	8445									8445
	Y	BT11	2550.603	RIGID PVC CONDUIT 1 INCH DIA, INCL. TRACER WIRE	LIN FT	223									223
	Y	BT11	2550.603	RIGID PVC CONDUIT 3 INCH DIA, INCL. TRACER WIRE	LIN FT	36									36
(3)			2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	1								
(3)			2563.601	TRAFFIC CONTROL	LUMP SUM	1	0.6	0.1	0.17	0.03	0.01	0.01	0.05	0.01	0.02
(3)			2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	1	0.6	0.1	0.17	0.03	0.01	0.01	0.05	0.01	0.02
		TC26-TC29	2563.602	PORTABLE CONCRETE BARRIER DELINEATOR	EACH	70	70								
(2)			2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	776	776								
			2563.618	CONSTRUCTION SIGN-SPECIAL	SQ FT	450	400			50					
	S	ST1	2564.502	INSTALL SIGN TYPE C	EACH	63	58			5					
	S	ST1	2564.518	SIGN PANELS TYPE C	SQ FT	999	957			42					
	S	ST1	2564.602	INSTALL SIGN COLLAR	EACH	232	225			7					
	O	SS-1	2565.511	TRAFFIC CONTROL SIGNAL SYSTEM E	SYSTEM	1	0.7	0.3							
	O	SS-1	2565.511	TRAFFIC CONTROL SIGNAL SYSTEM G	SYSTEM	1	0.5	0.5							
	O	SS-1	2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	1	0.5	0.5							
	O	SS-1	2565.616	REVISE SIGNAL SYSTEM A	SYSTEM	1	1								
	O	SS-1	2565.616	REVISE SIGNAL SYSTEM F	SYSTEM	1	0.5	0.5							
	O	SS-1	2565.616	TEMPORARY SIGNAL SYSTEM A	SYSTEM	1	1								
	O	SS-1	2565.616	TEMPORARY SIGNAL SYSTEM B	SYSTEM	1	1								
	O	SS-1	2565.616	TEMPORARY SIGNAL SYSTEM E	SYSTEM	1	1								
	O	SS-1	2565.616	TEMPORARY SIGNAL SYSTEM F	SYSTEM	1	1								

10/14/20 ITEMS REMOVED. QUANTITIES AND
ITEM DESCRIPTION CHANGED.



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.

JASON STAEBELL, LICENSED PROFESSIONAL ENGINEER

44600

LICENSE NO.

04/27/2020

DATE

DESIGN BY:

M. KUHAES

CAD BY:

J. KAMPA

CHECKED BY:

J. STAEBELL

LAST REVISION:

10/14/ 20

STATEMENT OF ESTIMATED QUANTITIES

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124
SHEET 3 OF 5

SHEET

R6.1

252

NOTES	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL PROJECT QUANTITY	FEDERAL/STATE AID PARTICIPATING			STATE AID PARTICIPATING			NON PARTICIPATING		
							HENNEPIN CO. SP 027-752-030	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-752-030 SP 141-020-124	HENNEPIN CO. SP 027-657-008	MINNEAPOLIS SP 141-020-124	STORM SEWER SP 027-657-008 SP 141-020-124	MINNEAPOLIS LOCAL	MINNEAPOLIS PARK AND RECREATION BOARD	MET COUNCIL D LINE
							QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
	O	SS-1	2565.616	TEMPORARY SIGNAL SYSTEM G	SYSTEM	1	1								
			2565.616	PEDESTRIAN CROSSWALK FLASHER SYSTEM A	SYSTEM	1	0.5	0.5							
			2565.616	PEDESTRIAN CROSSWALK FLASHER SYSTEM B	SYSTEM	1	0.5	0.5							
			2565.616	PEDESTRIAN CROSSWALK FLASHER SYSTEM C	SYSTEM	1	0.5	0.5							
			2565.616	PEDESTRIAN CROSSWALK FLASHER SYSTEM D	SYSTEM	1	0.5	0.5							
1	(1)(2)(6)		2572.503	TEMPORARY FENCE	LIN FT	200	200								
	(16)		2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	0.8			0.2					
	(1)(3)		2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	1	0.8			0.2					
	(2)	L	230	2573.502	STORM DRAIN INLET PROTECTION	EACH	300	276		24					
	(2)	L	230	2573.503	SILT FENCE, TYPE MS	LIN FT	1288	1288							
	(2)	L	230	2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	18259	17417		842					
	N	230	2574.505	SUBSOILING	ACRE	3.7	3.5			0.2					
	N	230	2574.505	SOIL BED PREPARATION	ACRE	3.7	3.5			0.2					
	EW	10	2574.507	BOULEVARD TOPSOIL BORROW	(P) CU YD	4010	3748			262					
	N	230	2574.508	FERTILIZER TYPE 3	POUND	291	291								
	(2)	L	230	2575.505	RAPID STABILIZATION METHOD 2	ACRE	3.7	3.5		0.2					
	N	230	2575.508	SEED MIXTURE 25-121	POUND	100	100								
1	(2)	L	230	2575.601	PERMANENT VEGETATION MAINTENANCE	LUMP SUM	1	0.5		0.5					
	(2)	N	230	2575.604	ROLLED EROSION PREVENTION CATEGORY 25	SQ YD	17908	17106		802					
			230	2575.605	SEEDING SPECIAL	ACRE	2.9	2.7		0.2					
	(2)			2580.503	INTERIM PAVEMENT MARKING	LIN FT	4200	3800		400					
		S	ST1	2582.503	4" SOLID LINE PAINT	LIN FT	1792	1792							
		S	ST1	2582.503	6" SOLID LINE PAINT	LIN FT	683	683							
		S	ST1	2582.503	24" SOLID LINE PAINT	LIN FT	542	542							
		S	ST1	2582.503	4" BROKEN LINE PAINT	LIN FT	1095	474						621	
		S	ST1	2582.503	4" DOTTED LINE PAINT	LIN FT	8	8							
		S	ST1	2582.503	4" DBLE SOLID LINE PAINT	LIN FT	6237	5875		362					
		S	ST1	2582.503	4"SOLID LINE MULTI COMP GR IN	LIN FT	1792	1792							
		S	ST1	2582.503	6" SOLID LINE MULTI COMP GR IN	LIN FT	683	683							
		S	ST1	2582.503	24" SOLID LINE MULTI COMP GR IN	LIN FT	99	99							
		S	ST1	2582.503	4" BROKEN LINE MULTI COMP GR IN	LIN FT	270	270							
		S	ST1	2582.503	4" DBLE SOLID LINE MULTI COMP GR IN	LIN FT	6237	5875		362					
		S	ST1	2582.503	24" SOLID LINE PREF THERMO GR IN	LIN FT	443	443							
		S	ST1	2582.503	4" DOTTED LINE PREF THERMO GR IN	LIN FT	8	8							
		S	ST1	2582.518	PAVT MSSG PAINT	SQ FT	269							269	
		S	ST1	2582.518	PAVT MSSG PREF THERMO GR IN	SQ FT	489	489							
		S	ST1	2582.518	CROSSWALK PREF THERMO GR IN	SQ FT	3450	3350		100					
(1)		S	ST1	2582.618	PAVEMENT MARKING SPECIAL	SQ FT	211	211							

10/14/20 ITEMS REMOVED. QUANTITIES AND ITEM DESCRIPTION CHANGED.



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.

JASON STAEBELL LICENSED PROFESSIONAL ENGINEER

44600 04/27/2020
LICENSE NO. DATE

DESIGN BY: M. KUHAES
CAD BY: J. KAMPA
CHECKED BY: J. STAEBELL
LAST REVISION: 10/14/ 20

STATEMENT OF ESTIMATED QUANTITIES

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124
SHEET 4 OF 5

SHEET

R7.1
252

- ESTIMATED QUANTITY NOTES
- (P) DENOTES PLAN QUANTITY
 - (1) SEE SPECIAL PROVISIONS
 - (2) PROVISIONS OF SPECIFICATION 1402.3 SHALL NOT APPLY.
 - (3) PRO RATA FUNDING ITEM.
 - (4) FOR WATERMAIN MANHOLE AND CASTING. SEE STANDARD PLATE WATR 3000.
 - (5) NO GRUBBING ACTIVITY CAN OCCUR UNTIL EROSION CONTROL DEVICES ARE IN PLACE.
 - (6) FOR USE AS DIRECTED BY ENGINEER
 - (7) STATE AID ELIGIBLE STORM SEWER IS 50% COUNTY / 50% CITY OF MINNEAPOLIS. LOCAL STORM SEWER IS 100% CITY OF MINNEAPOLIS FUNDING.
 - (8) INCLUDES SANITARY MAN HOLE AND DRAINAGE MAN HOLE/CATCH BASIN ADJUSTMENTS.
 - (9) CONCRETE DRIVEWAY PAVEMENTS & ADJACENT CURB AND GUTTER SHALL BE HIGH EARLY CONCRETE SO AS TO LIMIT DISRUPTION TO BUSINESS
 - (10) USED FOR SANITARY MAN HOLE RECONSTRUCT
 - (11) INCLUDES 202 TONS FOR DRIVEWAYS AND 102 TONS FOR OVERALYS
 - (12) MILLING AROUND STRUCTURES INCIDENTAL
 - (13) SEE REMOVAL PLANS FOR MILL AND OVERLAY AREAS
 - (14) NO TREES CAN BE REMOVED BETWEEN APRIL 1 AND OCTOBER 31 OF ANY YEAR TO AVOID POTENTIAL IMPACTS TO ROOSTING LONG-EARED BATS - SEE SPECIAL PROVISIONS
 - (15) BITUMINOUS TACK COAT INCIDENTAL
 - (16) A STABILIZED CONSTRUCTION EXIT WILL BE REQUIRED FOR EACH STAGE OF CONSTRUCTION
 - (17) EXISTING PAVEMENT MAY INCLUDE CONCRETE PAVEMENT UNDER BITUMNOUS
 - (18) CURB AND GUTTER IS 50% COUNTY / 50% CITY OF MINNEAPOLIS, EXCEPT THAT MEDIAN CURB & GUTTER IS 100% COUNTY
 - (19) BOULEVARD TOPSOIL BORROW (1907 CUYD) HAS BEEN SUBSTRACTED FROM FROM THE COMMON EMBANKMENT

⚠ 10/14/20 ITEMS REMOVED. QUANTITIES AND ITEM DESCRIPTION CHANGED.



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.

JASON STAEBELL, LICENSED PROFESSIONAL ENGINEER

44600

LICENSE NO.

04/27/2020

DATE

DESIGN BY:

M. KUCHAES

CAD BY:

J. KAMPA

CHECKED BY:

J. STAEBELL

LAST REVISION:

10/14/ 20

STATEMENT OF ESTIMATED QUANTITIES

C.S.A.H. 152 / HENNEPIN COUNTY PROJECT 1110
S.P. 027-752-030, S.P. 027-657-008, S.P. 141-020-124
SHEET 5 OF 5

SHEET

R8.1

252