



NO	DATE	BY	CKD	REVISION

DRAWN BY: JMH
 DESIGNED BY: CWS
 CHECKED BY: _____
 YCA PROJ. NO.: 9746

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

SIGNATURE: _____
 PRINTED NAME: CHAD W. SCHUMAN
 DATE: _____ LICENSE NO.: 26865

YAGGY COLBY ASSOCIATES
 ENGINEERS ARCHITECTS SURVEYORS PLANNERS LANDSCAPE ARCHITECTS

TRANSIT HUB/TRAILHEAD

ENGINEER'S ESTIMATE

Transit Hub/Trailhead
Northfield

LINE No.	ITEM	UNITS	UNIT PRICE	TOTAL PROJECT	
				QUANTITY	AMOUNT
1	MOBILIZATION	L.S.	\$11,500.00	1	\$11,500.00
2	CLEARING	ACRE	\$4,800.00	0.7	\$3,360.00
3	CLEARING	TREE	\$50.00	1	\$50.00
4	GRUBBING	ACRE	\$4,500.00	0.7	\$3,150.00
5	GRUBBING	TREE	\$50.00	1	\$50.00
6	REMOVE CURB AND GUTTER	LIN. FT.	\$4.00	175	\$700.00
7	REMOVE SIDEWALK	S.F.	\$1.00	370	\$370.00
8	REMOVE BITUMINOUS PAVEMENT	S.F.	\$0.50	575	\$287.50
9	REMOVE DRAINAGE STRUCTURE	EACH	\$350.00	1	\$350.00
10	SAWING BITUMINOUS PAVEMENT	L.F.	\$2.00	190	\$380.00
11	COMMON EXCAVATION	C.Y.	\$10.00	1200	\$12,000.00
12	COMMON BORROW (CV)	C.Y.	\$3.50	635	\$2,222.50
13	AGGREGATE BASE (CV) CLASS 5	C.Y.	\$16.50	450	\$7,425.00
14	TYPE LV 3 WEARING COURSE MIXTURE (B)	TON	\$90.00	165.2	\$14,868.00
15	TYPE LV 3 NON WEARING COURSE MIXTURE (B)	TON	\$90.00	266.5	\$23,985.00
16	18" RC PIPE APRON	EACH	\$525.00	1	\$525.00
17	PRECAST CONCRETE HEADWALL	EACH	\$100.00	1	\$100.00
18	4" PERF TP PIPE DRAIN	L.F.	\$7.00	1768	\$12,376.00
19	12" RC PIPE SEWER CLASS V	L.F.	\$20.00	191	\$3,820.00
20	18" RC PIPE SEWER CLASS III	L.F.	\$25.00	194.0	\$4,850.00
21	CONNECT TO EXISTING STORM SEWER	EACH	\$950.00	1	\$950.00
22	SANITARY SEWER SERVICE	EACH	\$1,000.00	1	\$1,000.00
23	WATER SERVICE TAP & HOOKUP	EACH	\$1,500.00	1	\$1,500.00
24	CONST DRAINAGE STRUCTURE DESIGN C OR G	L.F.	\$260.00	25	\$6,500.00
25	CONST DRAINAGE STRUCTURE DESIGN H	L.F.	\$218.00	8	\$1,744.00
26	CASTING ASSEMBLY	EACH	\$560.00	6	\$3,360.00
27	RECONSTRUCT DRAINAGE STRUCTURE	EACH	\$2,100.00	1	\$2,100.00
28	RANDOM RIPRAP CLASS III	C.Y.	\$52.00	7	\$364.00
29	4" CONCRETE WALK	S.F.	\$3.00	2700	\$8,100.00
30	CONCRETE CURB & GUTTER DESIGN B618	L.F.	\$10.00	775	\$7,750.00
31	TRUNCATED DOMES	S.F.	\$39.00	12	\$468.00
32	KIOSK	EACH	\$2,000.00	1	\$2,000.00
33	DRINKING FOUNTAIN	EACH	\$500.00	1	\$500.00
34	BENCH	EACH	\$300.00	3	\$900.00
35	TRAFFIC CONTROL	L.S.	\$2,000.00	1	\$2,000.00
36	SIGN REMOVAL	L.S.	\$150.00	1	\$150.00
37	4" SOLID LINE WHITE-PAINT	L.F.	\$0.10	640	\$64.00
38	SILT FENCE, TYPE HEAVY DUTY	LIN. FT.	\$3.00	1300	\$3,900.00
39	TURF ESTABLISHMENT	L.S.	\$5,000.00	1	\$5,000.00
40	BIKE RACK	EACH	\$1,000.00	1	\$1,000.00
41	BUILDING	L.S.	\$95,000.00	1	\$95,000.00
42	GUIDANCE SIGNING	L.S.	\$1,000.00	1	\$1,000.00
43	LIGHTING	L.S.	\$20,000.00	1	\$20,000.00
44	TRANSIT/TRAIL HEAD SIGNING	L.S.	\$1,000.00	1	\$1,000.00
45	TRASH RECEPTACLE	EACH	\$200.00	2	\$400.00
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51	DESIGN	L.S.		1	\$0.00
52	PROJECT OBSERVATION	L.S.		1	\$0.00
53	SECURITY	L.S.		1	\$0.00
54	RELOCATE FIBER OPTIC CABLE	EACH		1	\$0.00
55					
PROJECT TOTALS				\$269,119.00	
10% CONTINGENCY				\$26,911.90	
ESTIMATED TOTAL				\$296,030.90	