444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

TKDA

September 17, 2020

Honorable Chairman and Town Board
White Bear Township, Minnesota

Re: Columbia Park Parking Lot Expansion Bids & Authorization
White Bear Township, Minnesota
TKDA Project No. 17727.005

Dear Board Members:

The Town Board authorized preparation of the parking lot expansion and water improvements. The project expands the parking lot from 30 spaces to 62 spaces. The project also adds a dry pond from the parking lot runoff that previously went directly into the Highway 96 storm sewer system. A copy of the plan sheet is attached.

Bids were received by 9:00am on September 16, 2020 with the following results:

JACON LLC	$190,111.70*
Dryden Excavating	$198,848.53*
Meyer Contracting, Inc.	$201,161.98
New Look Contracting, Inc.	$205,954.00
Bituminous Roadways, Inc.	$206,151.95
Forest Lake Contracting, Inc.	$213,270.50
Frattalone Companies	$227,787.25
Pember Companies, Inc.	$234,267.75
Park Construction Co.	$236,836.50
Urban Companies	$267,849.50
Engineer's Estimate	$231,405.00

**These results have been amended from the bid submittal to reflect the accurate bid total.*

We recommend awarding a contract to JACON LLC in the amount of $190,111.70. TKDA will perform the construction observation process and the VLAWMO coordination activities for an amount not to exceed $26,800.00. This amount assumes the Contractor will proceed in a timely fashion to complete construction in a period of three weeks requiring approximately 230 hours of TKDA staff time, and that six hours of TKDA staff time will be needed to coordinate with VLAWMO.

Project Benefits:

1. Doubling the parking spaces from 30 to 62.
2. Additional handicap parking space.
3. Installing a dry pond for water quality and runoff improvements.

The overall project funding will be from the Parks Fund.

Please let me know if you have additional questions.

Sincerely,

Jim Studenski, PE
Town Engineer

JES:LPP:ksb:ces
Attachments

TABULATION OF BIDS

COLUMBIA PARK PARKING LOT
WHITE BEAR TOWNSHIP, MINNESOTA
TKDA PROJECT NO. 17727.005
BID OPENING: SEPTEMBER 16, 2020 AT 9:00 AM

TKDA

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S ESTIMATE		JACON LLC		DRYDEN EXCAVATING		MEYER CONTRACTING, INC.		NEW LOOK CONTRACTING, INC.		BITUMINOUS ROADWAYS, INC.	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1	LS	$ 20,000.00	$ 20,000.00	$ 11,320.00	$ 11,320.00	$ 13,482.00	$ 13,482.00	$ 10,000.00	$ 10,000.00	$ 15,000.00	$ 15,000.00	$ 11,600.00	$ 11,600.00
2	TRAFFIC CONTROL	1	LS	$ 5,000.00	$ 5,000.00	$ 1,000.00	$ 1,000.00	$ 1,575.00	$ 1,575.00	$ 3,900.00	$ 3,900.00	$ 2,000.00	$ 2,000.00	$ 3,000.00	$ 3,000.00
3	CLEAR	3	EA	$ 300.00	$ 900.00	$ 250.00	$ 750.00	$ 157.50	$ 472.50	$ 400.00	$ 1,200.00	$ 400.00	$ 1,200.00	$ 1,100.00	$ 3,300.00
4	GRUB	3	EA	$ 300.00	$ 900.00	$ 150.00	$ 450.00	$ 157.50	$ 472.50	$ 100.00	$ 300.00	$ 250.00	$ 750.00	$ 750.00	$ 2,250.00
5	SILT FENCE TYPE MS	625	LF	$ 3.00	$ 1,875.00	$ 2.50	$ 1,562.50	$ 2.52	$ *1,575.00	$ 1.29	$ 806.25	$ 3.00	$ 1,875.00	$ 5.00	$ 3,125.00
6	INLET PROTECTION	5	EA	$ 150.00	$ 750.00	$ 250.00	$ *1,250.00	$ 396.00	$ 1,980.00	$ 219.11	$ 1,095.55	$ 150.00	$ 750.00	$ 400.00	$ 2,000.00
7	STREET SWEEPER	5	HR	$ 200.00	$ 1,000.00	$ 150.00	$ 750.00	$ 210.00	$ 1,050.00	$ 150.00	$ 750.00	$ 160.00	$ 800.00	$ 155.00	$ 775.00
8	ROCK CONSTRUCTION ENTRANCE	1	EA	$ 2,000.00	$ 2,000.00	$ 1,500.00	$ 1,500.00	$ 2,100.00	$ 2,100.00	$ 1,446.04	$ 1,446.04	$ 2,000.00	$ 2,000.00	$ 1.00	$ 1.00
9	SAWCUT EXISTING PAVEMENT (ALL DEPTHS, ALL TYPES)	50	LF	$ 4.00	$ 200.00	$ 3.00	$ 150.00	$ 3.60	$ *180.00	$ 5.70	$ 285.00	$ 4.00	$ 200.00	$ 9.00	$ 450.00
10	REMOVE CONCRETE CURB AND GUTTER (P)	825	LF	$ 6.50	$ 5,362.50	$ 3.00	$ 2,475.00	$ 4.15	$ *3,423.75	$ 3.56	$ 2,937.00	$ 4.00	$ 3,300.00	$ 4.00	$ 3,300.00
11	REMOVE BITUMINOUS PAVEMENT (P)	1,810	SY	$ 4.50	$ 8,145.00	$ 3.00	$ 5,430.00	$ 1.84	$ *3,330.40	$ 4.61	$ 8,344.10	$ 2.50	$ 4,525.00	$ 4.00	$ 7,240.00
12	REMOVE BITUMINOUS TRAIL	70	SY	$ 8.00	$ 560.00	$ 3.00	$ 210.00	$ 3.15	$ 220.50	$ 2.96	$ 207.20	$ 4.50	$ 315.00	$ 8.00	$ 560.00
13	STRIP AND REUSE AGGREGATE BASE (P)	200	CY	$ 15.00	$ 3,000.00	$ 8.00	$ 1,600.00	$ 3.99	$ 798.00	$ 12.53	$ 2,506.00	$ 4.50	$ 900.00	$ 5.25	$ 1,050.00
14	CONCRETE CURB AND GUTTER DESIGN B618	650	LF	$ 25.00	$ 16,250.00	$ 25.00	$ 16,250.00	$ 22.02	$ *14,313.00	$ 27.19	$ 17,673.50	$ 29.00	$ 18,850.00	$ 33.00	$ 21,450.00
15	3" BITUMINOUS TRAIL	60	SY	$ 30.00	$ 1,800.00	$ 28.00	$ 1,680.00	$ 29.90	$ 1,794.00	$ 35.54	$ 2,132.40	$ 51.00	$ 3,060.00	$ 22.00	$ 1,320.00
16	6" CONCRETE PEDESTRIAN RAMP	10	SY	$ 100.00	$ 1,000.00	$ 190.00	$ 1,900.00	$ 124.20	$ 1,242.00	$ 177.28	$ 1,772.80	$ 230.00	$ 2,300.00	$ 169.00	$ 1,690.00
17	DRILL AND GROUT EPOXY REINF. BARS	8	EA	$ 20.00	$ 160.00	$ 12.00	$ 96.00	$ 32.20	$ 257.60	$ 10.81	$ 86.48	$ 13.00	$ 104.00	$ 23.15	$ 185.20
18	TRUNCATED DOMES	10	SF	$ 20.00	$ 200.00	$ 58.00	$ 580.00	$ 69.00	$ 690.00	$ 53.54	$ 535.40	$ 64.00	$ 640.00	$ 77.00	$ 770.00
19	1.5" TYPE 9.5 NON-WEARING COURSE MIXTURE (2,B)	230	TN	$ 65.00	$ 14,950.00	$ 151.00	$ 34,730.00	$ 158.39	$ * 36,429.70	$ 87.15	$ 20,044.50	$ 104.00	$ 23,920.00	$ 82.00	$ 18,860.00
20	1.5" TYPE 9.5 WEARING COURSE MIXTURE (2,B)	230	TN	$ 70.00	$ 16,100.00	$ 156.00	$ 35,880.00	$ 163.77	$ *37,667.10	$ 87.90	$ 20,217.00	$ 104.00	$ 23,920.00	$ 76.25	$ 17,537.50
21	BITUMINOUS MATERIAL FOR TACK COAT	125	GAL	$ 2.50	$ 312.50	$ 7.50	$ 937.50	$ 7.82	$ 977.50	$ 4.80	$ 600.00	$ 6.00	$ 750.00	$ 3.00	$ 375.00
22	AGGREGATE BASE CLASS 5	600	TN	$ 20.00	$ 12,000.00	$ 18.00	$ 10,800.00	$ 23.50	$ 14,100.00	$ 29.60	$ 17,760.00	$ 15.00	$ 9,000.00	$ 17.50	$ 10,500.00
23	SUBGRADE CORRECTION	80	CY	$ 20.00	$ 1,600.00	$ 25.00	$ 2,000.00	$ 36.75	$ 2,940.00	$ 34.96	$ 2,796.80	$ 44.00	$ 3,520.00	$ 35.00	$ 2,800.00
24	SUBGRADE PREPARATION (P)	2,335	SY	$ 15.00	$ 35,025.00	$ 4.00	$ 9,340.00	$ 1.10	$ * 2,568.50	$ 0.93	$ 2,171.55	$ 2.00	$ 4,670.00	$ 1.45	$ 3,385.75
25	COMMON EXCAVATION (PARKING LOT)	1,280	CY	$ 25.00	$ 32,000.00	$ 5.00	$ 6,400.00	$ 11.03	$ *14,118.40	$ 20.71	$ 26,508.80	$ 20.00	$ 25,600.00	$ 15.00	$ 19,200.00
26	POND EXCAVATION (P)	370	CY	$ 25.00	$ 9,250.00	$ 12.00	$ 4,440.00	$ 11.03	$ *4,081.10	$ 19.59	$ 7,248.30	$ 19.00	$ 7,030.00	$ 17.00	$ 6,290.00
27	12" RC PIPE SEWER DES 3006 CL III	125	LF	$ 50.00	$ 6,250.00	$ 46.00	$ 5,750.00	$ 55.22	$ 6,902.50	$ 59.30	$ 7,412.50	$ 81.00	$ 10,125.00	$ 52.00	$ 6,500.00
28	15" RC PIPE SEWER DES 3006 CL III	75	LF	$ 55.00	$ 4,125.00	$ 51.00	$ 3,825.00	$ 73.21	$ * 5,490.75	$ 63.35	$ 4,751.25	$ 81.00	$ 6,075.00	$ 60.00	$ 4,500.00
29	12" RCP FES	1	EA	$ 2,500.00	$ 2,500.00	$ 1,400.00	$ 1,400.00	$ 851.00	$ 851.00	$ 1,417.62	$ 1,417.62	$ 1,300.00	$ 1,300.00	$ 3,050.00	$ 3,050.00
30	15" RCP FES	1	EA	$ 3,000.00	$ 3,000.00	$ 1,800.00	$ 1,800.00	$ 1,077.55	$ 1,077.55	$ 1,468.42	$ 1,468.42	$ 1,300.00	$ 1,300.00	$ 3,050.00	$ 3,050.00
31	RIP RAP CL 3	10	CY	$ 100.00	$ 1,000.00	$ 80.00	$ 800.00	$ 110.00	$ 1,100.00	$ 184.86	$ 1,848.60	$ 160.00	$ 1,600.00	$ 300.00	$ 3,000.00
32	CONSTRUCT DRAINAGE STRUCTURE TYPE 406	1	EA	$ 3,500.00	$ 3,500.00	$ 3,800.00	$ 3,800.00	$ 4,095.00	$ 4,095.00	$ 5,123.85	$ 5,123.85	$ 3,800.00	$ 3,800.00	$ 6,450.00	$ 6,450.00
33	CONSTRUCT DRAINAGE STRUCTURE TYPE 405	1	EA	$ 3,500.00	$ 3,500.00	$ 3,600.00	$ 3,600.00	$ 3,310.12	$ 3,310.12	$ 4,704.81	$ 4,704.81	$ 3,200.00	$ 3,200.00	$ 6,450.00	$ 6,450.00
34	CONSTRUCT DRAINAGE STRUCTURE TYPE 402	1	EA	$ 3,500.00	$ 3,500.00	$ 3,600.00	$ 3,600.00	$ 2,660.00	$ 2,660.00	$ 4,076.26	$ 4,076.26	$ 3,000.00	$ 3,000.00	$ 6,450.00	$ 6,450.00
35	CONNECT TO EXISTING DRAINAGE STRUCTURE	1	EA	$ 1,000.00	$ 1,000.00	$ 1,800.00	$ 1,800.00	$ 825.00	$ 825.00	$ 2,009.42	$ 2,009.42	$ 870.00	$ 870.00	$ 2,800.00	$ 2,800.00
36	EROSION CONTROL BLANKETS CATEGORY 20-STRAW	390	SY	$ 2.00	$ 780.00	$ 1.50	$ 585.00	$ 1.48	$ * 577.20	$ 1.29	$ 503.10	$ 4.00	$ 1,560.00	$ 4.40	$ 1,716.00
37	TOPSOIL BORROW	130	CY	$ 20.00	$ 2,600.00	$ 25.00	$ 3,250.00	$ 23.65	$ 3,074.50	$ 60.84	$ 7,909.20	$ 33.00	$ 4,290.00	$ 29.00	$ 3,770.00
38	SEED MIX 25-131	50	LB	$ 7.00	$ 350.00	$ 2.50	$ 125.00	$ 10.34	$ * 517.00	$ 8.99	$ 449.50	$ 6.00	$ 300.00	$ 3.50	$ 175.00
39	SEED MIX 33-262	4	LB	$ 10.00	$ 40.00	$ 15.00	$ 60.00	$ 28.74	$ *114.96	$ 24.99	$ 99.96	$ 35.00	$ 140.00	$ 17.00	$ 68.00
40	HYDRAULIC STABILIZED FIBER MATRIX	1050	LB	$ 5.00	$ 5,250.00	$ 0.50	$ 525.00	$ 1.48	$ * 1,554.00	$ 1.29	$ 1,354.50	$ 2.00	$ 2,100.00	$ 0.45	$ 472.50
41	FERTILIZER TYPE 1	60	LB	$ 5.00	$ 300.00	$ 0.60	$ 36.00	$ 1.14	$ *68.40	$ 0.99	$ 59.40	$ 5.00	$ 300.00	$ 5.60	$ 336.00
42	SEEDING	0.3	AC	$ 5,000.00	$ 1,500.00	$ 499.00	$ 149.70	$ 690.00	$ 207.00	$ 599.00	$ 179.70	$ 3,500.00	$ 1,050.00	$ 4,800.00	$ 1,440.00
43	REMOVE SIGN AND POST	2	EA	$ 200.00	$ 400.00	$ 100.00	$ 200.00	$ 57.50	$ 115.00	$ 134.61	$ 269.22	$ 75.00	$ 150.00	$ 170.00	$ 340.00
44	SIGN TYPE C	6	SF	$ 45.00	$ 270.00	$ 150.00	$ 900.00	$ 65.00	$ 390.00	$ 50.00	$ 300.00	$ 60.00	$ 360.00	$ 60.00	$ 360.00
45	SIGN POST	3	EA	$ 150.00	$ 450.00	$ 100.00	$ 300.00	$ 100.00	$ 300.00	$ 275.00	$ 825.00	$ 60.00	$ 180.00	$ 330.00	$ 990.00
46	HANDICAP SYMBOL - MULTI COMP	3	EA	$ 150.00	$ 450.00	$ 175.00	$ 525.00	$ 160.00	$ 480.00	$ 125.00	$ 375.00	$ 300.00	$ 900.00	$ 440.00	$ 1,320.00
47	4" SOLID YELLOW LINE - MULTI COMP	1500	LF	$ 0.20	$ 300.00	$ 2.40	$ 3,600.00	$ 2.20	$ 3,300.00	$ 1.80	$ 2,700.00	$ 4.25	$ 6,375.00	$ 6.60	$ 9,900.00
BID TOTAL					**$ 231,405.00**		**** $ 190,111.70**		**** $ 198,848.53**		**$ 201,161.98**		**$ 205,954.00**		**$ 206,151.95**

* *These items have been amended to reflect the accurate total amount based on Unit Price x Quantity.*

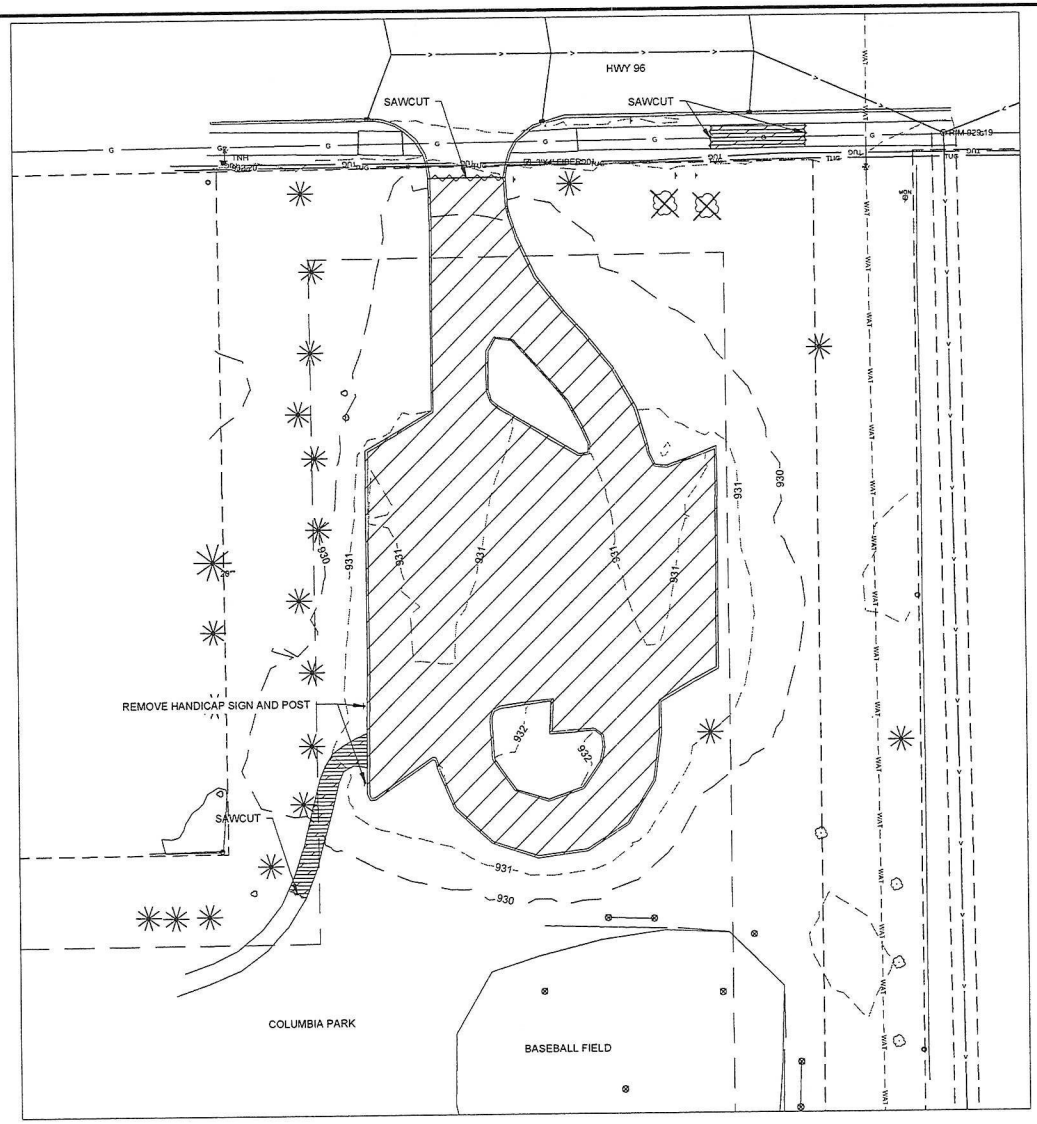
** *These items have been amended to reflect the accurate total bid.*

TABULATION OF BIDS

COLUMBIA PARK PARKING LOT
WHITE BEAR TOWNSHIP, MINNESOTA
TKDA PROJECT NO. 17727.005
BID OPENING: SEPTEMBER 16, 2020 AT 9:00 AM

TKDA

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	FOREST LAKE CONTRACTING, INC.		FRATTALONE COMPANIES		PEMBER COMPANIES, INC.		PARK CONSTRUCTION CO.		URBAN COMPANIES	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1	LS	$ 22,000.00	$ 22,000.00	$ 34,470.00	$ 34,470.00	$ 20,000.00	$ 20,000.00	$ 25,000.00	25,000.00	$ 25,000.00	$ 25,000.00
2	TRAFFIC CONTROL	1	LS	$ 800.00	$ 800.00	$ 3,810.00	$ 3,810.00	$ 2,000.00	$ 2,000.00	$ 2,580.00	$ 2,580.00	$ 2,500.00	$ 2,500.00
3	CLEAR	3	EA	$ 200.00	$ 600.00	$ 436.00	$ 1,308.00	$ 190.00	$ 570.00	$ 412.00	$ 1,236.00	$ 500.00	$ 1,500.00
4	GRUB	3	EA	$ 150.00	$ 450.00	$ 109.00	$ 327.00	$ 180.00	$ 540.00	$ 103.00	$ 309.00	$ 500.00	$ 1,500.00
5	SILT FENCE TYPE MS	625	LF	$ 2.00	$ 1,250.00	$ 2.45	$ 1,531.25	$ 1.90	$ 1,187.50	$ 1.90	$ 1,187.50	$ 5.00	$ 3,125.00
6	INLET PROTECTION	5	EA	$ 150.00	$ 750.00	$ 319.00	$ 1,595.00	$ 125.00	$ 625.00	$ 271.00	$ 1,355.00	$ 400.00	$ 2,000.00
7	STREET SWEEPER	5	HR	$ 130.00	$ 650.00	$ 165.00	$ 825.00	$ 130.00	$ 650.00	$ 122.00	$ 610.00	$ 150.00	$ 750.00
8	ROCK CONSTRUCTION ENTRANCE	1	EA	$ 750.00	$ 750.00	$ 2,470.00	$ 2,470.00	$ 800.00	$ 800.00	$ 1,420.00	$ 1,420.00	$ 2,500.00	$ 2,500.00
9	SAWCUT EXISTING PAVEMENT (ALL DEPTHS, ALL TYPES)	50	LF	$ 7.00	$ 350.00	$ 11.60	$ 580.00	$ 3.90	$ 195.00	$ 8.95	$ 447.50	$ 8.00	$ 400.00
10	REMOVE CONCRETE CURB AND GUTTER (P)	825	LF	$ 4.00	$ 3,300.00	$ 2.85	$ 2,351.25	$ 4.20	$ 3,465.00	$ 4.20	$ 3,465.00	$ 10.00	$ 8,250.00
11	REMOVE BITUMINOUS PAVEMENT (P)	1,810	SY	$ 5.00	$ 9,050.00	$ 2.30	$ 4,163.00	$ 3.20	$ 5,792.00	$ 2.05	$ 3,710.50	$ 6.00	$ 10,860.00
12	REMOVE BITUMINOUS TRAIL	70	SY	$ 11.00	$ 770.00	$ 6.05	$ 423.50	$ 4.75	$ 332.50	$ 5.50	$ 385.00	$ 6.00	$ 420.00
13	STRIP AND REUSE AGGREGATE BASE (P)	200	CY	$ 16.00	$ 3,200.00	$ 16.00	$ 3,200.00	$ 13.10	$ 2,620.00	$ 200.00	$ 40,000.00	$ 35.00	$ 7,000.00
14	CONCRETE CURB AND GUTTER DESIGN B618	650	LF	$ 24.00	$ 15,600.00	$ 24.00	$ 15,600.00	$ 19.00	$ 12,350.00	$ 19.70	$ 12,805.00	$ 38.00	$ 24,700.00
15	3" BITUMINOUS TRAIL	60	SY	$ 36.00	$ 2,160.00	$ 64.25	$ 3,855.00	$ 35.00	$ 2,100.00	$ 61.50	$ 3,690.00	$ 30.00	$ 1,800.00
16	6" CONCRETE PEDESTRIAN RAMP	10	SY	$ 202.00	$ 2,020.00	$ 117.50	$ 1,175.00	$ 102.50	$ 1,025.00	$ 151.00	$ 1,510.00	$ 190.00	$ 1,900.00
17	DRILL AND GROUT EPOXY REINF. BARS	8	EA	$ 11.00	$ 88.00	$ 30.50	$ 244.00	$ 9.50	$ 76.00	$ 28.80	$ 230.40	$ 30.00	$ 240.00
18	TRUNCATED DOMES	10	SF	$ 53.00	$ 530.00	$ 65.50	$ 655.00	$ 47.00	$ 470.00	$ 61.80	$ 618.00	$ 80.00	$ 800.00
19	1.5" TYPE 9.5 NON-WEARING COURSE MIXTURE (2,B)	230	TN	$ 138.00	$ 31,740.00	$ 92.75	$ 21,332.50	$ 160.00	$ 36,800.00	$ 88.00	$ 20,240.00	$ 115.00	$ 26,450.00
20	1.5" TYPE 9.5 WEARING COURSE MIXTURE (2,B)	230	TN	$ 143.00	$ 32,890.00	$ 94.75	$ 21,792.50	$ 144.00	$ 33,120.00	$ 91.00	$ 20,930.00	$ 110.00	$ 25,300.00
21	BITUMINOUS MATERIAL FOR TACK COAT	125	GAL	$ 7.00	$ 875.00	$ 1.10	$ 137.50	$ 6.85	$ 856.25	$ 2.95	$ 368.75	$ 5.00	$ 625.00
22	AGGREGATE BASE CLASS 5	600	TN	$ 22.00	$ 13,200.00	$ 22.00	$ 13,200.00	$ 20.00	$ 12,000.00	$ 0.01	$ 6.00	$ 28.00	$ 16,800.00
23	SUBGRADE CORRECTION	80	CY	$ 50.00	$ 4,000.00	$ 65.75	$ 5,260.00	$ 60.00	$ 4,800.00	$ 77.70	$ 6,216.00	$ 65.00	$ 5,200.00
24	SUBGRADE PREPARATION (P)	2,335	SY	$ 1.50	$ 3,502.50	$ 4.95	$ 11,558.25	$ 1.00	$ 2,335.00	$ 1.15	$ 2,685.25	$ 3.00	$ 7,005.00
25	COMMON EXCAVATION (PARKING LOT)	1,280	CY	$ 19.00	$ 24,320.00	$ 18.80	$ 24,064.00	$ 31.00	$ 39,680.00	$ 21.90	$ 28,032.00	$ 25.00	$ 32,000.00
26	POND EXCAVATION (P)	370	CY	$ 17.00	$ 6,290.00	$ 18.20	$ 6,734.00	$ 30.00	$ 11,100.00	$ 46.00	$ 17,020.00	$ 25.00	$ 9,250.00
27	12" RC PIPE SEWER DES 3006 CL III	125	LF	$ 37.00	$ 4,625.00	$ 49.50	$ 6,187.50	$ 60.00	$ 7,500.00	$ 63.70	$ 7,962.50	$ 70.00	$ 8,750.00
28	15" RC PIPE SEWER DES 3006 CL III	75	LF	$ 40.00	$ 3,000.00	$ 56.00	$ 4,200.00	$ 62.00	$ 4,650.00	$ 69.40	$ 5,205.00	$ 90.00	$ 6,750.00
29	12" RCP FES	1	EA	$ 950.00	$ 950.00	$ 1,160.00	$ 1,160.00	$ 865.00	$ 865.00	$ 1,060.00	$ 1,060.00	$ 1,500.00	$ 1,500.00
30	15" RCP FES	1	EA	$ 1,000.00	$ 1,000.00	$ 1,200.00	$ 1,200.00	$ 900.00	$ 900.00	$ 1,100.00	$ 1,100.00	$ 1,600.00	$ 1,600.00
31	RIP RAP CL 3	10	CY	$ 130.00	$ 1,300.00	$ 130.50	$ 1,305.00	$ 150.00	$ 1,500.00	$ 84.70	$ 847.00	$ 125.00	$ 1,250.00
32	CONSTRUCT DRAINAGE STRUCTURE TYPE 406	1	EA	$ 3,000.00	$ 3,000.00	$ 4,390.00	$ 4,390.00	$ 3,000.00	$ 3,000.00	$ 4,200.00	$ 4,200.00	$ 5,000.00	$ 5,000.00
33	CONSTRUCT DRAINAGE STRUCTURE TYPE 405	1	EA	$ 3,000.00	$ 3,000.00	$ 2,830.00	$ 2,830.00	$ 2,750.00	$ 2,750.00	$ 3,870.00	$ 3,870.00	$ 4,000.00	$ 4,000.00
34	CONSTRUCT DRAINAGE STRUCTURE TYPE 402	1	EA	$ 2,500.00	$ 2,500.00	$ 2,640.00	$ 2,640.00	$ 2,300.00	$ 2,300.00	$ 3,090.00	$ 3,090.00	$ 4,000.00	$ 4,000.00
35	CONNECT TO EXISTING DRAINAGE STRUCTURE	1	EA	$ 1,500.00	$ 1,500.00	$ 3,470.00	$ 3,470.00	$ 750.00	$ 750.00	$ 1,990.00	$ 1,990.00	$ 1,500.00	$ 1,500.00
36	EROSION CONTROL BLANKETS CATEGORY 20-STRAW	390	SY	$ 2.00	$ 780.00	$ 3.25	$ 1,267.50	$ 1.55	$ 604.50	$ 1.55	$ 604.50	$ 3.00	$ 1,170.00
37	TOPSOIL BORROW	130	CY	$ 22.00	$ 2,860.00	$ 51.00	$ 6,630.00	$ 48.00	$ 6,240.00	$ 30.50	$ 3,965.00	$ 40.00	$ 5,200.00
38	SEED MIX 25-131	50	LB	$ 8.00	$ 400.00	$ 4.35	$ 217.50	$ 3.55	$ 177.50	$ 3.60	$ 180.00	$ 10.00	$ 500.00
39	SEED MIX 33-262	4	LB	$ 50.00	$ 200.00	$ 32.75	$ 131.00	$ 20.25	$ 81.00	$ 20.60	$ 82.40	$ 28.00	$ 112.00
40	HYDRAULIC STABILIZED FIBER MATRIX	1050	LB	$ 2.00	$ 2,100.00	$ 2.20	$ 2,310.00	$ 1.25	$ 1,312.50	$ 1.30	$ 1,365.00	$ 1.25	$ 1,312.50
41	FERTILIZER TYPE 1	60	LB	$ 1.00	$ 60.00	$ 1.10	$ 66.00	$ 0.75	$ 45.00	$ 0.77	$ 46.20	$ 3.00	$ 180.00
42	SEEDING	0.3	AC	$ 1,200.00	$ 360.00	$ 1,090.00	$ 327.00	$ 7,200.00	$ 2,160.00	$ 515.00	$ 154.50	$ 12,500.00	$ 3,750.00
43	REMOVE SIGN AND POST	2	EA	$ 150.00	$ 300.00	$ 109.00	$ 218.00	$ 50.00	$ 100.00	$ 51.50	$ 103.00	$ 500.00	$ 1,000.00
44	SIGN TYPE C	6	SF	$ 50.00	$ 300.00	$ 272.50	$ 1,635.00	$ 38.00	$ 228.00	$ 155.00	$ 930.00	$ 100.00	$ 600.00
45	SIGN POST	3	EA	$ 275.00	$ 825.00	$ 272.50	$ 817.50	$ 175.00	$ 525.00	$ 51.50	$ 154.50	$ 250.00	$ 750.00
46	HANDICAP SYMBOL - MULTI COMP	3	EA	$ 125.00	$ 375.00	$ 174.50	$ 523.50	$ 130.00	$ 390.00	$ 165.00	$ 495.00	$ 100.00	$ 300.00
47	4" SOLID YELLOW LINE - MULTI COMP	1500	LF	$ 1.80	$ 2,700.00	$ 2.40	$ 3,600.00	$ 1.80	$ 2,700.00	$ 2.25	$ 3,375.00	$ 0.50	$ 750.00
BID TOTAL					**$ 213,270.50**		**$ 227,787.25**		**$ 234,267.75**		**$ 236,836.50**		**$ 267,849.50**



0 10 20 40
SCALE IN FEET

LEGEND:

- REMOVE BITUMINOUS AND CURB AND GUTTER
- REMOVE BITUMINOUS WALK
- CLEAR AND GRUB TREE

NO.	DATE	BY	DESCRIPTION OF REVISIONS
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

DESIGNED NDK
DRAWN NDK
CHECKED JES

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: _____ DATE xx/xx/xxxx
NAME: JAMES E. STUDENSKI LIC. NO.: 23757

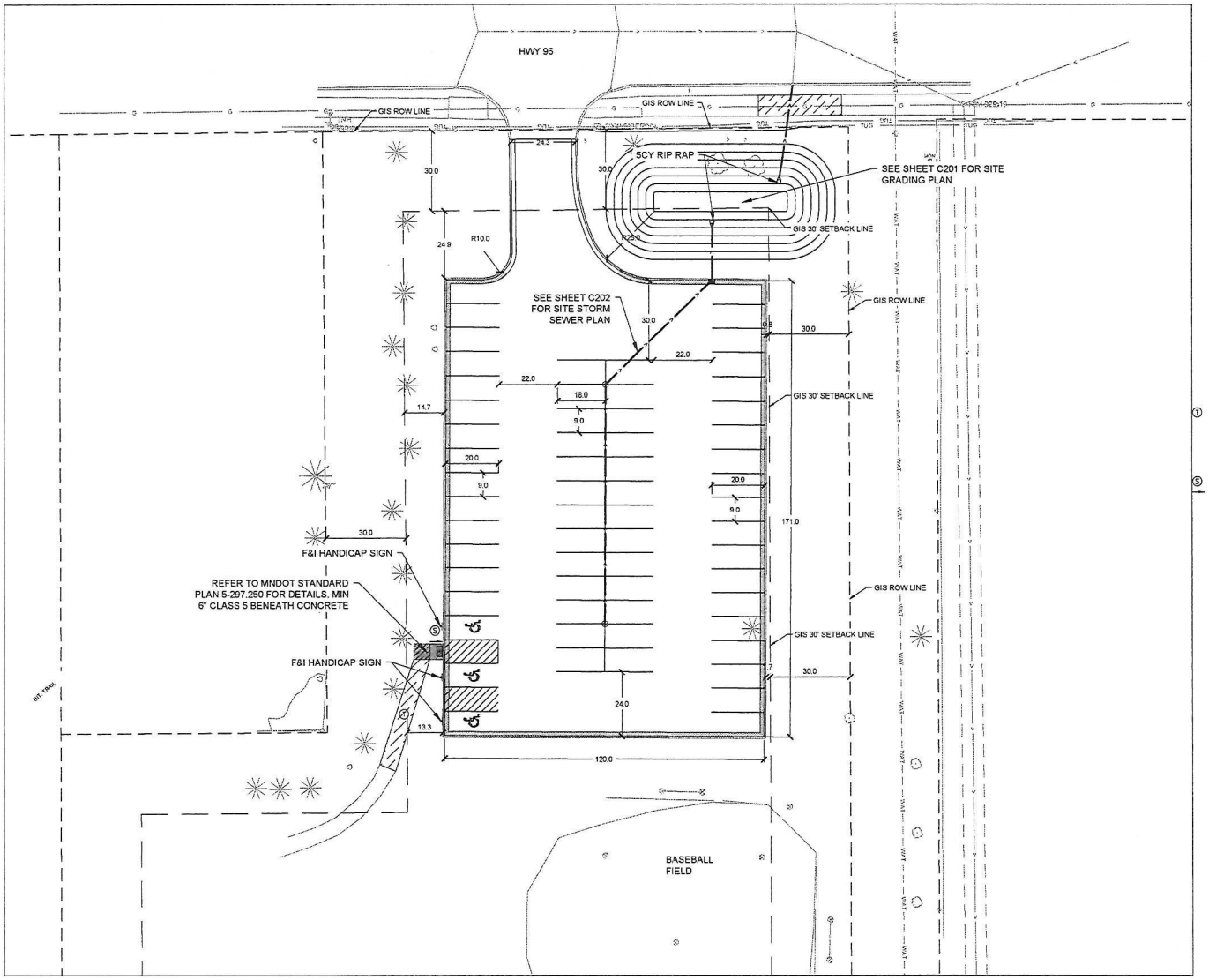
TKDA
444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

COLUMBIA PARK PARKING LOT

EXISTING CONDITIONS AND REMOVALS

PROJ. NO. 17727.005
DRAWING NO. CD200

PLOT DATE: Aug 13, 2020 - 3:42pm
FILENAME: K:\in-2\WhiteBear\Twp\17727005\04_Production\01_CAD\02_Sheets\CD200 EXISTING CONDITIONS AND REMOVALS.dwg



0 10 20 40
SCALE IN FEET

LEGEND:

- MNDOT B618 TIP OUT CURB
- BITUMINOUS PATCHING MATCH EXISTING (3" MIN)
- 6" CONCRETE
- TRUNCATED DOMES
- LANDING AREA - MIN. 4' X 4' AREA WITH SLOPE IN ALL DIRECTIONS LESS THAN 2%.

(T) TRANSITION PANEL(S) - TO BE USED FOR TRANSITIONING THE CROSS-SLOPE OF A RAMP TO THE EXISTING WALK CROSS-SLOPE. RATE OF TRANSITION SHOULD BE 0.5% PER 1 LINEAR FOOT OF WALK.

(S) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

PLOT DATE: Aug 13, 2020 - 3:45pm
FILENAME: K:\n-z\WhiteBear\Twp\17727005\04_Production\01_CAD\02_Sheets\C200 PROPOSED PARKING LOT.dwg

NO.	DATE	BY	DESCRIPTION OF REVISIONS
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

DESIGNED NDK
DRAWN NDK
CHECKED JES

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: _____ DATE: xx/xx/xxxx

NAME: JAMES E. STUDENSKI LIC. NO.: 23757

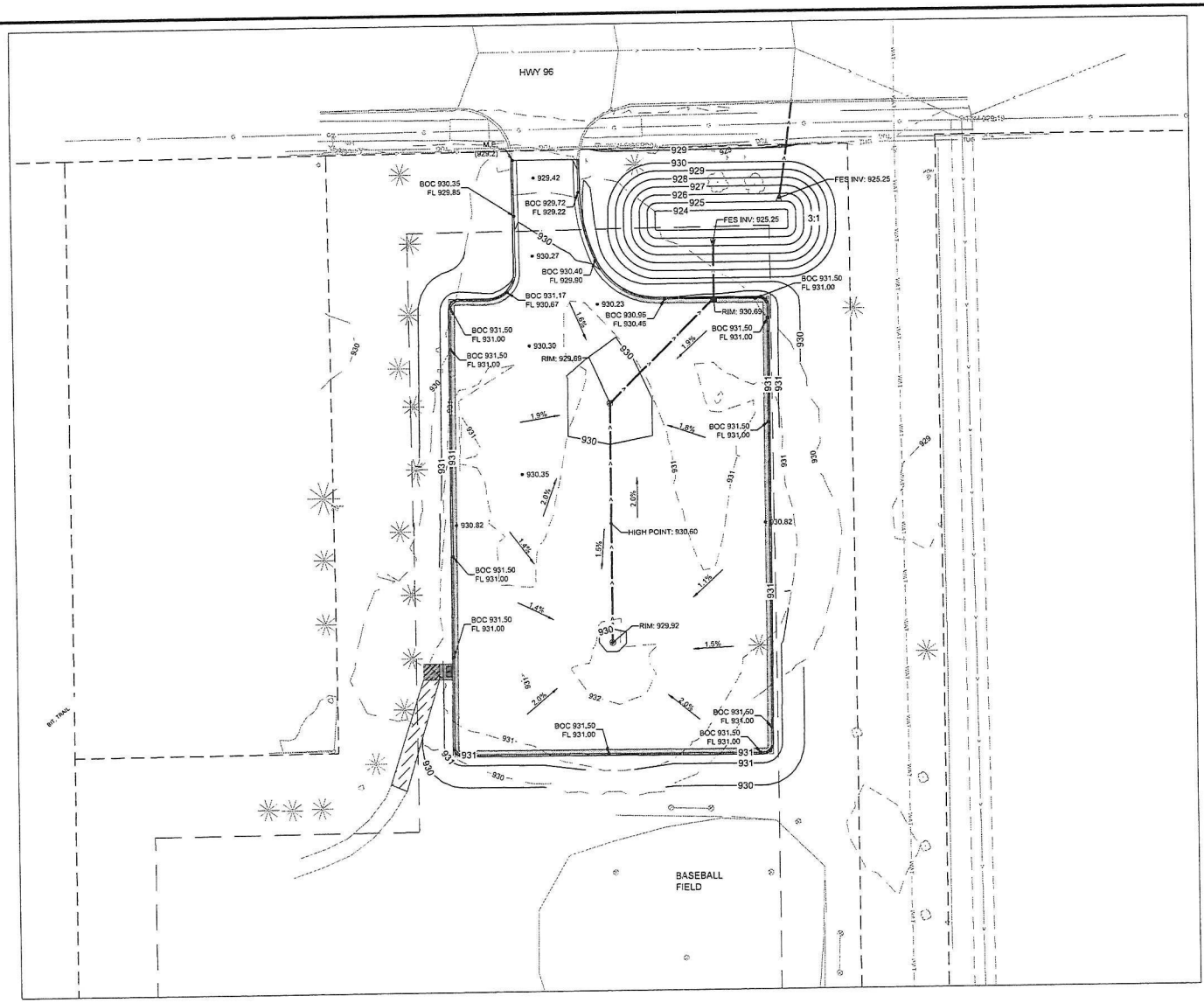
TKDA
444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

COLUMBIA PARK PARKING LOT

PROPOSED PARKING LOT

PROJ. NO. 17727.005

DRAWING NO. C200



0 10 20 40
SCALE IN FEET

LEGEND:

- MNDOT B618 TIP OUT CURB
- 900 EXISTING CONTOURS
- 900 PROPOSED CONTOURS

NO.	DATE	BY	DESCRIPTION OF REVISIONS
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

DESIGNED NDK
DRAWN NDK
CHECKED JES

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: _____ DATE: xx/xx/xxxx

NAME: JAMES E. STUDENSKI LIC. NO 23757

TKDA
444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

COLUMBIA PARK PARKING LOT

SITE GRADING PLAN

PROJ. NO. 17727.005

DRAWING NO. C201

PLOT DATE: Aug 13, 2020 - 3:53pm
FILENAME: K:\n-z\WhiteBear\Twn\17727005\04_Production\01_CAD\02_Sheets\C201 SITE GRADING PLAN.dwg