

**BEACHWOOD CITY COUNCIL
COMMITTEE OF THE WHOLE MEETING AGENDA
MONDAY, FEBRUARY 11, 2019, 6:00 PM
at BEACHWOOD CITY HALL, CONFERENCE ROOM A,
25325 Fairmount Boulevard, Beachwood, Ohio 44122**

Brian Linick
James Pasch
Justin Berns
Alec Isaacson
Barbara Bellin Janovitz
Eric Synenberg
June E. Taylor

Agenda Items

1. Mayor's Report
2. Discussion regarding CRA Application - Balance Solutions
3. Discussion regarding ODOT Project
4. Discussion regarding Sidewalks
5. Executive Session Discussion regarding Personnel Matters
6. Any other matters coming before the Committee of the Whole

#

**CITY OF BEACHWOOD
COMMUNITY REINVESTMENT AREA APPLICATION**

Applicants seeking real property tax incentives through the City of Beachwood Community Reinvestment Area program must submit the following form for consideration. All applicable information as requested in this form must be provided, and the applicant is responsible for the accuracy of the information submitted.

1. **APPLICANT INFORMATION:** Please provide the legal name, address and other contact information of the property owner, (hereinafter "Applicant or Company") for this request.

a. Applicant Name(s): Kelly Beaudoin
b. Contact Name(s): Kelly Beaudoin, Adam Aiello
c. Applicant Mailing Address: 6001 LANDERHAVEN DRIVE
d. City/State/Zip: Mayfield Heights, Ohio, 44124
e. Email address: balancesolutions@sbcglobal.net
f. Website address: balancesolutions.com
g. Daytime Phone #: 440-449-3400 Fax: 440-449-3402
h. Federal Tax ID#: _____

2. **AFFILIATED COMPANY INFORMATION:** If there is/are another company(ies) (hereinafter "Affiliate(s)") that will benefit from the receipt of this economic development incentive program, please list the appropriate contact information for each company. (An Affiliate is defined as any company in which either the Applicant, or Applicant's principals, has a financial interest.)

a. Affiliate Name(s): New Leaf Livingly
b. Contact Name(s): Kelly Beaudoin, Adam Aiello
c. Affiliate Relationship to Applicant: Property Owner
d. Affiliate Mailing Address: 6001 Landerhaven Drive
e. City/State/Zip: Mayfield Heights, Ohio, 44124
f. Email address: adam@newleafpropertymgt.com
g. Website address: _____
h. Daytime Phone #: 440-315-8473 Fax: _____
i. Federal Tax ID#: _____

3. **PROJECT LOCATION:** Please specify the street address of the proposed project:
Project Street Address: 23175 Commerce Park ("Project Site")
Beachwood, Ohio 44122
4. **TIME IN BUSINESS:** How long has the Company/Affiliate to benefit from the incentive program been in existence? 15 Years 2 Months
5. **INDUSTRIAL CLASSIFICATION:** List primary 6 digit North American Industry Classification System (NAICS) Code of the company to benefit from the incentive program:
531140
Please list any other significant NAICS Code numbers:
621340, _____, _____
6. **COMPANY AND AFFILIATE OFFICERS/PRINCIPALS:** Please provide the name of all owners, principals and/or primary officers of the Company on the lines below:
a. Kelly Beaudoin = Balance Solutions - 100%
b. Kelly Beaudoin = New Leaf Living - 100%
c. _____
d. _____
7. **BUSINESS ORGANIZATION:** Please indicate under which type of organization your Company presently operates or the Affiliate operates (check all that apply):
a. _____ Corporation
b. _____ Sole Proprietorship
c. _____ Partnership
d. ☒ LLC
e. _____ Franchise
f. _____ Joint Venture
g. _____ Start-Up
h. _____ Other (specify)
8. **BUSINESS CLASSIFICATION:** Please describe the type of business in which the Applicant, or Affiliate to benefit from the incentive program, is involved (check all that apply):
a. _____ Construction
b. _____ Manufacturing
c. ☒ Service
d. _____ Research & Development
e. _____ Retail
f. ☒ Others (specify)
Medical
9. **CURRENT EMPLOYMENT:** For each of the categories listed below, please specify the number of employees currently employed by the Applicant, or Affiliate:
a. 11 Full-time permanent
b. 4 Part-time permanent
c. _____ Full-time temporary
d. _____ Part-time temporary
e. _____ Seasonal
f. _____ None (New Business)

10. **TOTAL OHIO EMPLOYMENT:** Please indicate the total number of employees employed by the Applicant *in the State of Ohio*: 15
11. **CURRENT PAYROLL:** For each of the categories listed below, please specify the dollar amount of payroll for the employees currently employed by the Applicant, or Affiliate:
- a. \$ 616,849 Full-time permanent
 - b. \$ 76,110 Part-time permanent
 - c. \$ _____ Full-time temporary
 - d. \$ _____ Part-time temporary
 - e. \$ _____ Seasonal
 - f. _____ None (New Business)

12. **PROJECTED NEW EMPLOYMENT:** If granted an incentive from the City of Beachwood, for each employment category listed below, please specify the number of employees the Applicant, or Affiliate to benefit from the incentive program (*Those to be located at the Beachwood Project Site*) will create over a three-year (3) time period:

	Year 1	Year 2	Year 3
a. Full-time permanent	<u>3</u>	<u>2</u>	<u>2</u>
b. Part-time permanent	<u>1</u>	<u>1</u>	<u>1</u>
c. Full-time temporary	_____	_____	_____
d. Part-time temporary	_____	_____	_____
e. Seasonal	_____	_____	_____

13. **PROJECTED NEW PAYROLL:** For each of the categories listed below, please specify the dollar amount of annual payroll for the employment to be created by the Applicant, or Affiliate to benefit from the incentive program (*Those to be located at the Beachwood Project Site*):

	Year 1	Year 2	Year 3
a. Full-time permanent	\$ <u>100,000</u>	\$ <u>150,000</u>	\$ <u>140,000</u>
b. Part-time permanent	\$ <u>25,000</u>	\$ <u>30,000</u>	\$ <u>30,000</u>
c. Full-time temporary	\$ _____	\$ _____	\$ _____
d. Part-time temporary	\$ _____	\$ _____	\$ _____
e. Seasonal	\$ _____	\$ _____	\$ _____
f. Total Annual Payroll	\$ _____	\$ _____	\$ _____

14. **USES OF FUNDS:** For each of the categories listed below, please estimate the amount to be invested by the Applicant or Affiliate to establish, expand, renovate or occupy the proposed Project Site:

a. Acquisition of Buildings:	\$ <u>1.2 M</u>
b. Additions/New Construction	\$ <u>350,000 K</u>
c. Improvements to Existing Buildings:	\$ <u>450,000 K</u>
d. Machinery & Equipment:	\$ <u>100,000 K</u>
e. Furniture & Fixtures:	\$ <u>100,000 K</u>
f. Inventory:	\$ <u>0</u>
g. Total New Project Investment:	\$ <u>2.2 M</u>

15. **PROJECT TIMELINE:** Project will begin March 1, 2019 and be completed June 1, 2019.

16. **RELOCATION:** Will the project involve the relocation of employment positions or assets from one Ohio location to another? Yes X No

a. If yes, state the location from which employment positions or assets will be relocated and the location to where the employment positions or assets will be located:

6001 Landerhaven Dr, Mayfield Hts. → 23175 Commerce Pk, Beachwood

b. If yes, state the current employment level for each location in the state to be affected by the relocation of employment positions or assets:

ALL positions and ALL assets to be relocated to 23175 Commerce Beachwood

c. If yes, what is the projected impact of the relocation, detailing the number and type of employee and/or assets to be relocated (*Those to be located at the Beachwood Project Site*)?

10 - Full-time Physical Therapists / Assistants

3 - Full-Time Administrative - ALL Assets Relocated

17. **CONSOLIDATION:** Will the project involve the consolidation of business operations or assets from another Ohio location? Yes No X

If yes, please itemize the location, assets, and employment positions to be transferred:

18. **DELINQUENCIES:**

a. Does the Applicant, or Affiliate to benefit from the incentive program, owe any delinquent taxes to the Federal Government, State of Ohio or a political subdivision? Yes No X

b. Does the Applicant, or Affiliate to benefit from the incentive program, owe any moneys to the Federal Government, State or a state agency for the administration or enforcement of any environmental laws? Yes No X

c. Does the Applicant, or Affiliate to benefit from the incentive program, owe any other moneys to the Federal Government, the State, a state agency or a political subdivision of the State that are past due, whether the amounts owed are being contested in a court of law or not? Yes No X

d. If yes to any of the above, please provide details of each instance including, but not limited to, the location, amounts and/or case identification numbers.

19. **LEGAL PROCEEDINGS:** Are there any current or pending law suits involving either the principals of or the Applicant or any Affiliate? Yes No X

If yes, provide details below, and attach any supporting documentation related to the law suits.

- 20. PROJECT DESCRIPTION:** In the space provided below, please describe the project. This statement should focus on the ability to grow and to expand capacity. Savings, efficiencies and improvements in technology expected as a result should also be addressed. Describe new products, if any, which will result from the project. Discuss the potential for spin-off industries if this project is funded. State what the Company expects to accomplish with the overall project. This should include information on existing as well as planned products, services or business information.

As of today the entire building of 14000 sqft has no committed tenants. The Child daycare, occupying 10K sqft is moving out in just a few days - Jan 1st, 2019. The Adult daycare currently occupying 4k sqft has notified me of selling / retiring and currently does not have an active lease.

We will utilize this building for Physical Therapy and Wellness services and to attract other medically related businesses at this location. The increase of payroll from the existing business to the new should be approx 600K/Yr

The current structure and design of the building, both inside and out, inhibits our ability to use the space efficiently as it was designed to facilitate Childcare with many open spaces. The changes needed at this location include a Handicap ramp and other ADA features which are necessary to treat this patient population. The ability to reallocate funds will allow us to remodel the interior from the the existing five (5) randomly located rooms into seventeen (17) private treatment rooms, large exercise studio and gym area. An updated building will allow us to increase employment from fifteen (15) to thirty-three (33) employees within 3 years. A few of the services we will provide with a renovated building include community based programs for seniors who are at risk for falling, osteoporosis exercise programs, Functional Work Testing to help injured workers return to employment, a variety of exercise classes for different populations, as well as continuing education programs.

This building on the corner of Commerce is over due for a face-lift that attracts clients as well as a professional workforce. Being able to convert the nearly 100 existing fluorescent lighting fixtures into LED would be a significant impact. Along with replacing the existing broken wooden windows from 1967.

- 21. AMOUNT AND TERM OF REAL PROPERTY TAX INCENTIVE:** Please specify the amount of abatement, and the term of the real property tax incentive requested by the applicant covering the project described in SECTION A above:

- a. Tax Incentive amount (the maximum shall not exceed 50%): _____%
- b. Tax Incentive term: _____years

22. TAX INCENTIVE JUSTIFICATION: Please specify the applicant's reasons for requesting tax incentives (be as quantitatively specific as possible)

The Tax Incentive will be immediately used and put towards:

ADA Ramp, canopy and face-lift \$150K , repaving the parking lot 45K. Electrical work 100K
Fire suppression adjustments 10K. Replacing 20 Windows 45K. Increasing Payroll by 900K

23. FINANCIAL INFORMATION: Please provide the last three (3) years of profit and loss statements for the Company and any Affiliate.

TAX INCENTIVE APPLICATION NOTES

- a. A copy of this proposal must be forwarded by the City to the affected Board of Education along with notice of the meeting date on which the local government will review the proposal. Notice must be given a minimum of fourteen (14) days prior to the scheduled meeting to permit the Board of Education to appear and/or comment before the legislative authorities considering the request.
- b. A copy of the final City of Beachwood Community Reinvestment Area Agreement will attach this Application as Exhibit A, and must be forwarded to the Ohio Department of Taxation and the Ohio Department of Development within fifteen (15) days of final approval.

REQUIREMENTS AND CERTIFICATIONS

The undersigned, duly authorized Officers of the Applicant, hereby certify that the statements made in the foregoing application and in all attachments submitted in connection with this application are true and correct to the best information and belief of the undersigned and are submitted as a basis for determining approval of Community Reinvestment Area tax incentive request.

I/we certify that the requirements listed below will be met:

- a. Submission of this application expressly authorizes the City of Beachwood to contact the Ohio Environmental Protection Agency to confirm statements contained within this application, and to review applicable confidential records. As part of this application, the applicant may also be required to directly request from the Ohio Department of Taxation, or complete a waiver form allowing the Department of Taxation, to release specific tax records to the City of Beachwood for consideration of this request.
- b. The Applicant affirmatively covenants that the information contained in and submitted with this application is complete and correct and is aware of the ORC Sections 9.66(C)(1) and 2921.13(D)(1) penalties for falsification which could result in the forfeiture of all current and future economic development assistance benefits as well as a fine of not more than \$1,000 and/or a term of imprisonment of not more than six months.
- c. The Applicant agrees to supply additional information upon request.

Kelly Beaudan Signature 12/26/18 Date

Kelly Beaudoin, owner
Name and Title of Property Owner (Typed or printed))

Submit completed application to:

**Economic Development Department
Attention: Keri Zipay
Business Retention Specialist
City of Beachwood
25325 Fairmount Boulevard
Beachwood, Ohio 44122**

Phone: (216) 292-1915
Keri.Zipay@BeachwoodOhio.com

Commerce Park CRA allocation application form

Property address:

23175 Commerce Park

Date:

12/31/18

1. Level of planned capital investment: ☐ \$50,000-249,999 (1 point) ☐ \$250,000-499,999 (2 points) ☒ \$500,000-999,999 (3 points)
☐ \$1,000,000-\$1,999,999 (4 points) ☐ \$2,000,000+ (5 points)
2. LEED certification level: ☒ N/A (0 points) ☐ Certified (1 point) ☐ Silver (2 points) ☐ Gold (3 points) ☐ Platinum (4 points)
3. % of building sq. footage increase: ☒ 0-10% (0 points) ☐ 10-24% (1 point) ☐ 25-49% (2 pts) ☐ 50-74% (3 pts) ☐ 75-100%+ (4 pts)
4. Public car charging station installation: Yes (2 points) ☐ No (0 points) ☒
5. Bike rack installation: ☒ Yes (1 point) ☐ No (0 points)
6. ADA compliance enhancements: ☒ Entry (1 point) ☒ Doors/Elevator (1 point) ☒ Facilities (1 point) ☐ None (0 points)
7. Installation of fiber network: ☒ Yes (5 points) ☐ No (0 points)
8. Ground sign upgrade: ☒ Yes (1 point) ☐ No (0 points)
9. New business moving in? ☒ Yes (1 point) ☐ No (0 points)
- a) If yes, number of employees: 1-5 (1 point) ☐ 6-10 (2 points) ☐ 11-15 (3 points) ☐ 16 or more (4 points) ☒
- b) If yes, industry: Medical, BioMed, IT (5 points) ☒ Professional Services (4 points) ☐ Wholesale, Manufacturing (3 points) ☐
Restaurant/Café (2 points) ☐ Other (0 points) ☐
- A1. If yes, length of lease: ☐ 0-3 years (0 points) ☐ 4-5 years (1 point) ☐ 6-9 years (2 points) ☐ 10 years+ (3 points) ☐ N/A
- OR**
- B1. If yes, is business owner purchasing building? ☒ Yes (4 points) ☐ No (0 points)
10. Exterior façade update? ☒ Yes (3 points) ☐ No (0 points)
11. Premium parking spaces for electric vehicles and/or carpoolers? ☒ Yes (1 point) ☐ No (0 points)

3/13/2018 Keri Tinav

Score Total:

31

Balance Solutions CRA simulation

Balance Solutions split income tax estimate during CRA

	Projected payroll	2%	Projected income tax split
Year 1	\$ 692,959	\$ 13,859	
Year 2	\$ 817,959	\$ 16,359	
Year 3	\$ 997,959	\$ 19,959	
Year 4	\$ 1,167,959	\$ 23,359	\$ 11,680
Year 5	\$ 1,167,959	\$ 23,359	\$ 11,680
Year 6	\$ 1,167,959	\$ 23,359	\$ 11,680
Year 7	\$ 1,167,959	\$ 23,359	\$ 11,680
Year 8	\$ 1,167,959	\$ 23,359	\$ 11,680
Year 9	\$ 1,167,959	\$ 23,359	\$ 11,680
Year 10	\$ 1,167,959	\$ 23,359	\$ 11,680

TOTALS	\$ 213,692	\$ 81,757
---------------	-------------------	------------------

Balance Solutions projected tax abatement during CRA timeframe

	Cost of property + imp	Estimated assessed value	Current tax	Estimated New Tax	Current school portion	New School portion	Estimated total abatement	Estimated school abatement
Year 1	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 2	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 3	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 4	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 5	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 6	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 7	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 8	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 9	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356
Year 10	\$ 2,200,000	\$ 767,592	\$ 33,460	\$ 59,573	\$ 21,414	\$ 29,771	\$ 13,056	\$ 8,356

*Assuming assessed value doubles	\$ 214,144	\$ 297,705	\$ 130,564	\$ 83,561
----------------------------------	------------	------------	------------	-----------

23175 COMMERCE PARK
BEACHWOOD, OHIO

X-1	TITLE SHEET
A-1	DEMO PLAN
A-2	FIRST FLOOR PLAN
A-3	REFLECTED CEILING PLAN
A-4	SCHEDULES & DETAILS
A-5	EXTERIOR ELEVATIONS
A-6	SECTION/DETAILS
A-7	INTERIOR ELEVATIONS
A-8	RESTROOM ELEVATIONS & DETAILS
P-1	PLUMBING DEMOLITION PLAN
P-2	PLUMBING PLAN
P-3	PLUMBING SPECS
E-1	ELECTRICAL DEMOLITION PLAN
E-2	ELECTRICAL LIGHTING PLAN
E-3	ELECTRICAL POWER PLAN
E-4	POWER DIAGRAM AND SCHEDULES
E-5	SPECIFICATIONS AND SCHEDULES

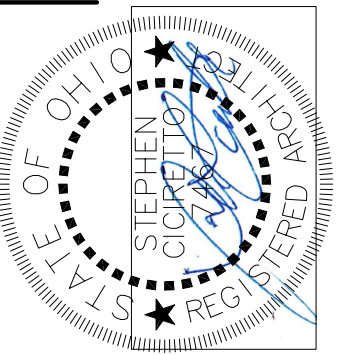
ALTERATIONS TO EXISTING BUILDING CHANGING THE SPACE FROM AN EXISTING DAY CARE FACILITY INTO A NEW PHYSICAL THERAPY OFFICE. ALTERATIONS TO THE EXTERIOR PROVIDE NEW WINDOWS AND AN ADA COMPLIANT ENTRY/CANOPY TO THE WEST OF THE EXISTING ENTRANCE.

ALTERNATE TO ADD A NEW ENTRY CANOPY AND
ADDITION TO THE BUILDING FOR FILE AND
LANDSCAPING STORAGE.

TOTAL EXISTING BUILDING AREA = 14,660 S.F.
PROPOSED ADDITION = 1,520 S.F.
TOTAL AREA = 16,180 S.F.

OCCUPANCY LOAD: PHYSICAL THERAPY - 11,126 S.F./100 S.F. PER OCCUPANT = 111 OCCUPANTS
 ADULT DAY CARE - 3,500 S.F./35 S.F. PER OCCUPANT = 100 OCCUPANTS
 PROPOSED AADDITION (1,520 S.F.) 100 S.F. PER OCCUPANT = 15 OCCUPANTS
 TOTAL NUMBER OF OCCUPANT IN BUILDING = 226 OCCUPANTS

OBC TABLE 1020.1 - CORRIDOR FIRE RESISTANCE RATING WITH SPRINKLER = 0 HOUR



#7467
STEPHEN CICIRETTO
EXP. DATE: 12/31/19

REVISÉ FOR WINDOWS ON WEST ELEVATION 12/19/2018

12/06/2018

DRAWN BY:

OFFICE ALTERATIONS
23175 COMMERCE PARK
BEACHWOOD, OHIO

• • • • •

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525

 $\times = |$

STEPHEN CICCIRETTO, A.I.A. • CHAGRIN FALLS, OHIO 44022 • (440) 247-1000
270 PARK PLACE • **ARCHITECT**

ل



From: [Tina Turick](#)
To: [Whitney Crook](#)
Cc: [Martin S. Horwitz](#); [Diane A. Calta](#); [William Griswold](#); [Joe Ciuni \(jciuni@gpdgroup.com\)](mailto:jciuni@gpdgroup.com); [Chris Arrietta](#); [Larry Heiser](#)
Subject: February 11, 2019 Committee Meeting Discussion Regarding Sidewalks
Date: Monday, February 04, 2019 5:24:09 PM
Attachments: [FEB 11 SIDEWALK DISCUSSION.PDF](#)

In preparation for continued discussion regarding sidewalks, please find the following documents which were previously provided:

1. City of Beachwood Sidewalk Proposal spreadsheet. This was prepared by Mr. Heiser and reviewed with City Council in Committee previously and outlines assessment cost options
2. June 11, 2018, Memorandum presented to City Council for the June 11, 2018 Committee Meeting regarding sidewalks
3. Map outlining areas of City where sidewalks must be installed (created and presented by Mr. Griswold)
4. April 12, 2017, Probable Cost Estimate for Sidewalks prepared by Mr. Ciuni

Additionally, please find a November 28, 2018 memorandum from Mr. Griswold regarding a listing of Commercial Property parcels affected by the implementation of sidewalks.

The matter of sidewalks has been on the City Council's list of goals, and the implementation of sidewalks was recommended by the Master Plan Committee. The matter of sidewalks has come up for discussion a number of times and most recently during the Budget/Capital discussion on November 26th.

In order for the administration to recommend a program for providing sidewalks, we need to finalize the assessment discussion. Our recommendation for moving forward will depend on whether we have to plan to fully assess the property owners, partially assess the property owners, or if the City will pay for the entire expense. While there was no clear consensus from City Council, the Administration agrees with Councilman Berns in that we should assess - or not assess - equally. In other words, the program should be implemented uniformly among residential and commercial properties and that they should be assessed/not assessed the same. In addition to the parcels being larger for commercial properties, you will note from the November 28th memorandum that a number of those parcels are owned by one entity.

This project must be managed and prioritized along with the long list of other Capital Improvement programs we have on the City's list of goals (Council/Administration). Some of those items include:

- Upgrades to the Police Department
- Streetlighting
- Connector Road
- Commerce Park Revitalization
- Traffic Signal Upgrades
- Fiber vs. 5G
- Various Capital Equipment – Fire Trucks, Salt Trucks etc.
- Signage/Beautification

Tina

City of Beachwood Sidewalk Proposal

Year	Street	A			B			C	
		Property Owner	Per Property	Per linear foot	Per linear foot	City Cost	Property Owner Cost	City Cost	
2019	Annesley, Hurlingham, Selkirk	\$ 648,808	\$ 25,952	\$ 23.77	\$ 10.45	\$ 363,703	\$ 285,105	\$ 648,808	
	Enterprise	\$ 243,442	\$ 60,861	\$ 45.29	\$ 10.84	\$ 185,188	\$ 58,254	\$ 243,442	
					Totals	\$ 548,891	\$ 343,360	\$ 892,250	
2020	Science Park	\$ 97,723	\$ 48,862	\$ 23.83	\$ 11.73	\$ 73,668	\$ 24,055	\$ 97,723	
	Shaker Blvd East Bound	\$ 328,200	\$ 54,700	\$ 16.29	\$ 10.56	\$ 115,317	\$ 212,883	\$ 328,200	
	South Woodland	\$ 244,888	\$ 40,815	\$ 13.97	\$ 9.81	\$ 72,940	\$ 171,948	\$ 244,888	
					Totals	\$ 261,925	\$ 408,886	\$ 670,811	
2021	Ramsey	\$ 159,946	\$ 11,425	\$ 33.15	\$ 11.39	\$ 104,967	\$ 54,979	\$ 159,946	
	North Woodland	\$ 484,613	\$ 10,311	\$ 16.01	\$ 9.78	\$ 188,565	\$ 296,049	\$ 484,613	
	Harvard	\$ 109,095				\$ 109,095		\$ 109,095	#
	Stratton Road	\$ 214,190	\$ 53,548	\$ 52.05	\$ 10.49	\$ 171,034	\$ 43,156	\$ 214,190	
					Totals	\$ 468,694	\$ 339,204	\$ 807,898	
	Bryden Road	\$ 1,299,269	\$ 15,467	\$ 22.55	\$ 9.01	\$ 780,265	\$ 519,004	\$ 1,299,269	
	Hermitage	\$ 16,011	\$ 16,011	\$ 22.87	\$ 10.67	\$ 8,540	\$ 7,471	\$ 16,011	
		\$ 3,846,185				\$ 2,173,282	\$ 1,672,903	\$ 3,846,185	

Plan A Complete Assessment of Costs
 Plan B Assess for just the sidewalks
 Plan C City Pays for it all

Assessment factors: present value a 2.0% interest rate: \$5000 per resident equates to future value \$6094 over the 10 years.

- no property owners at this point in time

Formula 100% linear grading, concrete walk, sealing
 50% traffic maint, topsoil, seeding mulching sodding

There was a contingency amount applied of approximately 10% so I used that as well

CITY OF *Beachwood*
INTEROFFICE MEMORANDUM

To: Members of City Council

From: Tina Turick, Assistant Administrative Officer

Date: June 8, 2018

Re: June 11, 2018 Committee of the Whole Meeting – Sidewalks

In preparation for the June 11, 2018 Committee of the Whole meeting to discuss sidewalks, attached please find the following documents:

- The City Engineer – City Sidewalk Installation Analysis.
- A map prepared by our Building Department detailing the Mayor's plan to work toward sidewalks in the City – in three (3) separate phases:
 - Phase A – Blue \$1,293,367
 - Phase B – Pink \$ 879,466
 - Phase C – Green \$1,041,359
- Bryden Road – Recommendation is that sidewalk improvements to Bryden should be done along with major street reconstruction and citizen input.
- Over 90% of Sidewalks installed through the City were assessed to the property owner or through the developer. The City recommends the costs of these improvements be assessed to the property owner.
- Discussion with City Council to finalize our approach is necessary, before any final plans are developed.

Enclosures

Cc: Martin Horwitz, Mayor
William Griswold, Building Commissioner
Dale Pekarek, Service Director

CITY OF Beachwood ZONING MAP

SDI WALK INSTALLATION ANALYSIS

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

APRIL 2017

NUMBER	STREET	FROM	TO	CONSTRUCTION COST
1	HURLINGHAM	HURLINGHAM	SELKIRK	5
2	SOUTH GREEN	SOUTH GREEN	RICHMOND	5
3	CEDAR	CEDAR	RICHMOND	\$1,200,346
4	CHAGRIN	CHAGRIN	CENTRAL	5
5	EATON	EATON	SOUTH GREEN	5
6	BRYDEN	BRYDEN	CORP LINE	5
7	RICHMOND	RICHMOND	CUL-DE-SAC	5
8	FAIRMOUNT	FAIRMOUNT	CUL-DE-SAC	5
9	FAIRMOUNT	FAIRMOUNT	CUL-DE-SAC	5
10	FAIRMOUNT	FAIRMOUNT	CUL-DE-SAC	5
11	3375 SCIENCE	3375 SCIENCE	SOUTH WOODLAND	5
12	MENDON	MENDON	HURLINGHAM	5
13	RICHMOND	RICHMOND	Q71	5
14	RICHMOND	RICHMOND	Q71	5
15	RICHMOND	RICHMOND	Q71	5
16	CHAGRIN	CHAGRIN	HALBURTON	5
17	COMMUNITY	COMMUNITY	CUL-DE-SAC	5

TOTAL PROBABLE CONSTRUCTION = \$ 5,833,245

Map A	Map B	Map C	Map A, B, C
\$28,971	\$97,723	\$266,346	\$1,293,567
\$347,800	\$328,200	\$243,442	\$679,466
\$484,613	\$208,655	\$109,095	\$1,041,359
\$139,945	\$244,888	\$16,011	\$3,214,191
\$277,237	\$879,406	\$192,275	
\$1,293,367		\$1,041,359	



AMENDMENTS AFTER ORDINANCE 3022-167

ORDINANCE NUMBER	DATE	DESCRIPTION
3022-167	02/02/17	U-1 TO U-4B 127 AL SOUTH SIDE OF S. WOODLAND
3023-122	02/02/18	U-1 TO U-1B 127 AL SOUTH SIDE OF S. WOODLAND
3024-05	04/02/18	U-1B AND U-1C TO U-1B 127 AL SOUTH SIDE OF S. WOODLAND

- Identified uses in this zoning map include the following:
- (1) Class P-1 (Single-Family)
 - (2) Class P-2 (Single-Family)
 - (3) Class P-3 (Single-Family)
 - (4) Class P-4 (Single-Family)
 - (5) Class P-5 (Single-Family)
 - (6) Class P-6 (Single-Family)
 - (7) Class P-7 (Single-Family)
 - (8) Class P-8 (Single-Family)
 - (9) Class P-9 (Single-Family)
 - (10) Class P-10 (Single-Family)
 - (11) Class P-11 (Single-Family)
 - (12) Class P-12 (Single-Family)
 - (13) Class P-13 (Single-Family)
 - (14) Class P-14 (Single-Family)
 - (15) Class P-15 (Single-Family)
 - (16) Class P-16 (Single-Family)
 - (17) Class P-17 (Single-Family)
 - (18) Class P-18 (Single-Family)
 - (19) Class P-19 (Single-Family)
 - (20) Class P-20 (Single-Family)
 - (21) Class P-21 (Single-Family)
 - (22) Class P-22 (Single-Family)
 - (23) Class P-23 (Single-Family)
 - (24) Class P-24 (Single-Family)
 - (25) Class P-25 (Single-Family)
 - (26) Class P-26 (Single-Family)
 - (27) Class P-27 (Single-Family)
 - (28) Class P-28 (Single-Family)
 - (29) Class P-29 (Single-Family)
 - (30) Class P-30 (Single-Family)
 - (31) Class P-31 (Single-Family)
 - (32) Class P-32 (Single-Family)
 - (33) Class P-33 (Single-Family)
 - (34) Class P-34 (Single-Family)
 - (35) Class P-35 (Single-Family)
 - (36) Class P-36 (Single-Family)
 - (37) Class P-37 (Single-Family)
 - (38) Class P-38 (Single-Family)
 - (39) Class P-39 (Single-Family)
 - (40) Class P-40 (Single-Family)
 - (41) Class P-41 (Single-Family)
 - (42) Class P-42 (Single-Family)
 - (43) Class P-43 (Single-Family)
 - (44) Class P-44 (Single-Family)
 - (45) Class P-45 (Single-Family)
 - (46) Class P-46 (Single-Family)
 - (47) Class P-47 (Single-Family)
 - (48) Class P-48 (Single-Family)
 - (49) Class P-49 (Single-Family)
 - (50) Class P-50 (Single-Family)
 - (51) Class P-51 (Single-Family)
 - (52) Class P-52 (Single-Family)
 - (53) Class P-53 (Single-Family)
 - (54) Class P-54 (Single-Family)
 - (55) Class P-55 (Single-Family)
 - (56) Class P-56 (Single-Family)
 - (57) Class P-57 (Single-Family)
 - (58) Class P-58 (Single-Family)
 - (59) Class P-59 (Single-Family)
 - (60) Class P-60 (Single-Family)
 - (61) Class P-61 (Single-Family)
 - (62) Class P-62 (Single-Family)
 - (63) Class P-63 (Single-Family)
 - (64) Class P-64 (Single-Family)
 - (65) Class P-65 (Single-Family)
 - (66) Class P-66 (Single-Family)
 - (67) Class P-67 (Single-Family)
 - (68) Class P-68 (Single-Family)
 - (69) Class P-69 (Single-Family)
 - (70) Class P-70 (Single-Family)
 - (71) Class P-71 (Single-Family)
 - (72) Class P-72 (Single-Family)
 - (73) Class P-73 (Single-Family)
 - (74) Class P-74 (Single-Family)
 - (75) Class P-75 (Single-Family)
 - (76) Class P-76 (Single-Family)
 - (77) Class P-77 (Single-Family)
 - (78) Class P-78 (Single-Family)
 - (79) Class P-79 (Single-Family)
 - (80) Class P-80 (Single-Family)
 - (81) Class P-81 (Single-Family)
 - (82) Class P-82 (Single-Family)
 - (83) Class P-83 (Single-Family)
 - (84) Class P-84 (Single-Family)
 - (85) Class P-85 (Single-Family)
 - (86) Class P-86 (Single-Family)
 - (87) Class P-87 (Single-Family)
 - (88) Class P-88 (Single-Family)
 - (89) Class P-89 (Single-Family)
 - (90) Class P-90 (Single-Family)
 - (91) Class P-91 (Single-Family)
 - (92) Class P-92 (Single-Family)
 - (93) Class P-93 (Single-Family)
 - (94) Class P-94 (Single-Family)
 - (95) Class P-95 (Single-Family)
 - (96) Class P-96 (Single-Family)
 - (97) Class P-97 (Single-Family)
 - (98) Class P-98 (Single-Family)
 - (99) Class P-99 (Single-Family)
 - (100) Class P-100 (Single-Family)

Joseph R. Ciuni, P.E., P.S.
City Engineer



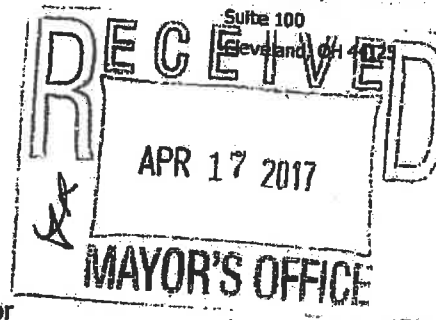


GPD GROUP.
Glenn, Pyle, Schomer, Burns & DeHaven, Inc.

Cleveland Office
5595 Transportation Blvd
Suite 100
Cleveland, OH 44129

tel 216.518.5544
fax 216.518.5545
www.gpdgroup.com

City of Beachwood
25325 Fairmount Boulevard
Beachwood, Ohio 44122



April 12, 2017
2016119.15

Attention: Merle S. Gorden, Mayor
Reference: City Sidewalk Installation Analysis
Planning Level – Probable Construction Cost

Dear Mayor Gorden:

Pursuant to the City's request, GPD offers the attached planning level estimates as probable construction cost required to install sidewalks on all streets currently deficient. The cost provided is for present day construction and not adjusted for inflation.

The estimates do not include any roadway improvements or upgrades.

Detailed engineering design and surveying, right-of-way acquisition and/or temporary work agreements, bidding, and construction administrative services are not included in this estimate.

If you have any questions please call.

Very truly yours,

Joseph R. Ciuni, PE, PS
City Engineer

Cc: file
Dale Pekarek, Service Director

SIDEWALK INSTALLATION ANALYSIS

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

APRIL 2017



NUMBER	STREET	FROM	TO	CONSTRUCTION COST
1	Annesley Road	HURLINGHAM	SELKIRK	\$ 28,971
2	Bryden Road	SOUTH GREEN	RICHMOND	\$ 1,299,269
3	Community Drive	CEDAR	RICHMOND	\$ 532,692
4	Enterprise Parkway	CHAGRIN	CENTRAL	\$ 243,442
5	Harvard Road	EATON	SOUTH GREEN	\$ 109,095
6	Hermitage Road	BRYDEN	CORP LINE	\$ 16,011
7	Hurlingham Road	RICHMOND	CUL-DE-SAC	\$ 342,800
8	North Woodland Road	FAIRMOUNT	CUL-DE-SAC	\$ 484,613
9	Ramsay Road	FAIRMOUNT	CUL-DE-SAC	\$ 159,946
10	Richmond Road	PARK EAST	CHAGRIN	\$ 553,478
11	Science Park	3275 SCIENCE	SOUTH WOODLAND	\$ 97,723
12	Selkirk Road	HENDON	HURLINGHAM	\$ 277,037
13	Shaker Boulevard EB	RICHMOND	1271	\$ 328,200
14	Shaker Boulevard WB	RICHMOND	1271	\$ 208,655
15	South Woodland	RICHMOND	1271	\$ 244,888
16	Stratton Road	CHAGRIN	HALBURTON	\$ 214,190
17	Union Circle	COMMUNITY	CUL-DE-SAC	\$ 192,275
TOTAL PROBABLE CONSTRUCTION =				\$ 5,333,285

SIDEWALK INSTALLATION ANALYSIS (1)
CITY OF BEACHWOOD, OHIO
ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



STREET ANNESLEY ROAD
FROM HURLINGHAM
TO SELKIRK

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING				
201	TREE REMOVAL	1	LS	\$ 750	\$ 750
203	EXCAVATION & EMBANKMENT	1	EA	\$ 250	\$ 250
204	SUBGRADE COMPACTION	60	CY	\$ 8	\$ 480
209	LINEAR GRADING	278	SY	\$ 2	\$ 556
608	CONCRETE WALK, 4 INCH	500	FT	\$ 4	\$ 2,000
611	MANHOLE, ADJUST TO GRADE	2500	SF	\$ 7	\$ 17,500
614	MAINTENANCE OF TRAFFIC	1	EA	\$ 500	\$ 500
653	TOPSOIL FURNISHED AND PLACED (4 INCHES)	1	LS	\$ 2,500	\$ 2,500
659	SEEDING AND MULCHING	19	CY	\$ 35	\$ 665
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	170	SY	\$ 6	\$ 1,020
SPECIAL	PRECONSTRUCTION DVD	2	EA	\$ 250	\$ 500
SPECIAL	CONTINGENCY	1	LS	\$ 250	\$ 250
Grand Total		1	LS	\$ 2,000	\$ 2,000
					\$ 28,971

DEWALK INSTALLATION ANALYSIS (2)
 CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

TREET BRYDEN ROAD
 ROM SOUTH GREEN
 O RICHMOND



CIVIS	DESCRIPTION	QUANTITY	UNIT	UNIT \$		Total
201	CLEARING AND GRUBBING	1	LS	\$	5,000	\$ 5,000
201	TREE REMOVAL	10	EA	\$	250	\$ 2,500
202	CURB RAMP REMOVAL	9	EA	\$	250	\$ 2,250
202	APRON REMOVAL	13200	SF	\$	2	\$ 26,400
203	EXCAVATION & EMBANKMENT	1070	CY	\$	8	\$ 8,560
204	SUBGRADE COMPACTION	6402	SY	\$	2	\$ 12,804
209	LINEAR GRADING	5762	FT	\$	4	\$ 23,048
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	13200	SF	\$	7	\$ 92,400
608	CONCRETE WALK, 4 INCH	57620	SF	\$	7	\$ 403,340
608	CURB RAMP, MS CONCRETE, AS PER PLAN	14	EA	\$	1,000	\$ 14,000
611	MANHOLE, ADJUST TO GRADE	22	EA	\$	500	\$ 11,000
611	STORM CONDUIT, TYPE B, 24 INCH AND UNDER	5800	FT	\$	65	\$ 377,000
611	DITCH INLET BASIN	38	EA	\$	2,500	\$ 95,000
614	RELOCATE STREET SIGN	2	EA	\$	50	\$ 100
625	RELOCATE RESIDENTIAL DRIVE GAS LIGHT	2	EA	\$	2,500	\$ 5,000
638	HYDRANT ADJUSTED TO GRADE	16	EA	\$	1,500	\$ 24,000
653	TOPSOIL FURNISHED AND PLACED (4 INCHES)	1279	CY	\$	35	\$ 44,771
659	SEEDING AND MULCHING	7683	SY	\$	6	\$ 46,096
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	20	EA	\$	250	\$ 5,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$	1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$	100,000	\$ 100,000
Grand Total						\$ 1,299,269

SIDEWALK INSTALLATION ANALYSIS (3)
CITY OF BEACHWOOD, OHIO
ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

STREET FROM TO COMMUNITY DRIVE
CEDAR
RICHMOND



QGIS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000
201	TREE REMOVAL	15	EA	\$ 250	\$ 3,750
202	CURB RAMP REMOVAL	2	EA	\$ 250	\$ 500
202	APRON REMOVAL	3250	SF	\$ 2	\$ 6,500
203	EXCAVATION & EMBANKMENT	4500	CY	\$ 8	\$ 36,000
204	SUBGRADE COMPACTION	2944	SY	\$ 2	\$ 5,889
209	LINEAR GRADING	5500	FT	\$ 4	\$ 22,000
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	3250	SF	\$ 7	\$ 22,750
512	SEALING OF CONCRETE SURFACES, APP	3305	SY	\$ 4	\$ 13,220
608	CONCRETE WALK, 4 INCH	26500	SF	\$ 7	\$ 185,500
608	CURB RAMP, MS CONCRETE, AS PER PLAN	2	EA	\$ 1,000	\$ 2,000
611	MANHOLE, ADJUST TO GRADE	18	EA	\$ 500	\$ 9,000
611	STORM CONDUIT, TYPE B, 24 INCH AND UNDER	1300	FT	\$ 65	\$ 84,500
611	DITCH INLET BASIN	10	EA	\$ 2,500	\$ 25,000
638	HYDRANT RELOCATED	9	EA	\$ 3,500	\$ 31,500
653	TOPSOIL FURNISHED AND PLACED (4 INCHES)	250	CY	\$ 35	\$ 8,750
659	SEEDING AND MULCHING	1472	SY	\$ 6	\$ 8,833
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	10	EA	\$ 250	\$ 2,500
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 45,000	\$ 45,000
SPECIAL	SIGN RELOCATION	1	LS	\$ 2,500	\$ 2,500
SPECIAL	SPLIT RAIL WOOD FENCE REMOVAL	1	LS	\$ 1,000	\$ 1,000
SPECIAL	MASONRY PEDESTAL STREET SIGN RELOCATION	2	LS	\$ 2,500	\$ 5,000
Grand Total					\$ 532,692

SIDEWALK INSTALLATION ANALYSIS (4)
CITY OF BEACHWOOD, OHIO
ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



STREET ENTERPRISE PARKWAY
FROM CHAGRIN
TO CENTRAL

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$		Total
201	CLEARING AND GRUBBING	1	LS	\$	5,000	\$ 5,000
202	APRON REMOVAL	450	SF	\$	2	\$ 900
202	TREE REMOVAL	12	EA	\$	250	\$ 3,000
203	EXCAVATION & EMBANKMENT	2000	CY	\$	8	\$ 16,000
209	LINEAR GRADING	1075	FT	\$	4	\$ 4,300
451	CONCRETE APRON, COMMERCIAL CLASS MS	450	SF	\$	9	\$ 4,050
511	RETAINING WALL	2450	SF	\$	50	\$ 122,500
608	CONCRETE WALK, 4 INCH	5375	SF	\$	7	\$ 37,625
614	MAINTENANCE OF TRAFFIC	1	LS	\$	15,000	\$ 15,000
638	HYDRANT ADJUSTED TO GRADE	1	EA	\$	1,500	\$ 1,500
653	TOPSOIL FURNISHED AND PLACED (4 INCHES)	100	CY	\$	35	\$ 3,484
659	SEEDING AND MULCHING	597	SY	\$	6	\$ 3,583
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	4	EA	\$	250	\$ 1,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$	500	\$ 500
SPECIAL	CONTINGENCY	1	LS	\$	25,000	\$ 25,000
Grand Total						\$ 243,442

SIDEWALK INSTALLATION ANALYSIS (S)
CITY OF BEACHWOOD, OHIO
ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



STREET HARVARD ROAD
FROM EATON
TO SOUTH GREEN

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 1,000	\$ 1,000
202	CURB RAMP REMOVAL	1	EA	\$ 250	\$ 250
203	EXCAVATION & EMBANKMENT	100	CY	\$ 8	\$ 800
204	SUBGRADE COMPACTION	520	SY	\$ 2	\$ 1,040
209	LINEAR GRADING	950	FT	\$ 4	\$ 3,800
512	SEALING OF CONCRETE SURFACES, APP	520	SY	\$ 4	\$ 2,080
608	CONCRETE WALK, 4 INCH	4675	SF	\$ 7	\$ 32,725
608	CURB RAMP, MS CONCRETE, AS PER PLAN	1	EA	\$ 1,000	\$ 1,000
611	MANHOLE, ADJUST TO GRADE	5	EA	\$ 500	\$ 2,500
611	VALVE BOX, ADJUST TO GRADE	4	EA	\$ 350	\$ 1,400
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 15,000	\$ 15,000
632	TRAFFIC SIGNAL SUPPORT RELOCATION	1	LS	\$ 25,000	\$ 25,000
653	TOPSOIL FURNISHED AND PLACED	100	CY	\$ 35	\$ 3,500
659	SEEDING AND MULCHING	1000	SY	\$ 6	\$ 6,000
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	5	EA	\$ 500	\$ 2,500
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 500	\$ 500
SPECIAL	CONTINGENCY	1	LS	\$ 10,000	\$ 10,000
Grand Total					\$ 109,095

SIDEWALK INSTALLATION ANALYSIS (6)
CITY OF BEACHWOOD, OHIO
ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



STREET HERMITAGE ROAD
FROM BRYDEN
TO CORP LINE

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
202	CONCRETE APRON REMOVAL	500	SF	\$	2 \$ 1,000
203	EXCAVATION & EMBANKMENT	13	CY	\$	8 \$ 104
204	SUBGRADE COMPACTION	78	SY	\$	2 \$ 156
209	LINEAR GRADING	280	FT	\$	4 \$ 1,120
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	500	SF	\$	7 \$ 3,500
512	SEALING OF CONCRETE SURFACES, APP	78	SY	\$	4 \$ 311
608	CONCRETE WALK, 4 INCH	700	SF	\$	7 \$ 4,900
614	MAINTENANCE OF TRAFFIC	1	LS	\$	1,000 \$ 1,000
653	TOPSOIL FURNISHED AND PLACED	13	CY	\$	35 \$ 454
659	SEEDING AND MULCHING	78	SY	\$	6 \$ 467
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	2	EA	\$	250 \$ 500
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$	500 \$ 500
SPECIAL	CONTINGENCY	1	LS	\$	2,000 \$ 2,000
Grand Total					\$ 16,011

SIDEWALK INSTALLATION ANALYSIS (7)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



GPD GROUP

STREET HURLINGHAM ROAD
FROM RICHMOND
TO CUL-DE-SAC

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000
202	CONCRETE APRON REMOVAL	2250	SF	\$ 2	\$ 4,500
202	CURB RAMP REMOVAL	2	EA	\$ 250	\$ 500
202	CATCH BASIN REMOVAL	2	EA	\$ 500	\$ 1,000
202	PIPE REMOVED, 24 INCH AND UNDER	100	FT	\$ 10	\$ 1,000
202	TREE REMOVAL	15	EA	\$ 250	\$ 3,750
203	EXCAVATION & EMBANKMENT	1	LS	\$ 20,000	\$ 20,000
204	SUBGRADE COMPACTION	1810	SY	\$ 2	\$ 3,620
209	LINEAR GRADING	3258	FT	\$ 4	\$ 13,032
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	2250	SF	\$ 7	\$ 15,750
512	SEALING OF CONCRETE SURFACES, APP	1810	SY	\$ 4	\$ 7,240
605	6 INCH SHALLOW PIPE UNDERDRAIN	100	FT	\$ 7	\$ 700
608	CONCRETE WALK, 4 INCH	16290	SF	\$ 7	\$ 114,030
608	CURB RAMP, MS CONCRETE, AS PER PLAN	2	EA	\$ 1,000	\$ 2,000
611	CATCH BASIN, ADJUST TO GRADE	2	EA	\$ 1,000	\$ 2,000
611	CATCH BASIN, RECONSTRUCT TO GRADE	2	EA	\$ 1,500	\$ 3,000
611	MANHOLE, ADJUST TO GRADE	3	EA	\$ 500	\$ 1,500
611	MANHOLE, RECONSTRUCT TO GRADE	1	EA	\$ 1,500	\$ 1,500
611	VALVE BOX, ADJUST TO GRADE	2	EA	\$ 350	\$ 700
611	STORM CONDUIT, TYPE B, 24 INCH AND UNDER	700	FT	\$ 65	\$ 45,500
611	INLET BASIN, AS PER PLAN	1	EA	\$ 2,500	\$ 2,500
611	STORM MANHOLE	2	EA	\$ 3,000	\$ 6,000
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 10,000	\$ 10,000
625	RELOCATE RESIDENTIAL DRIVE GAS LIGHT	1	EA	\$ 2,500	\$ 2,500
625	RELOCATE TRAFFIC SIGNAL BOX & SERVICE	1	LS	\$ 10,000	\$ 10,000
638	HYDRANT RELOCATION	2	EA	\$ 3,500	\$ 7,000
653	TOPSOIL FURNISHED AND PLACED (4 INCHES)	241	CY	\$ 35	\$ 8,438
659	SEEDING AND MULCHING	2172	SY	\$ 6	\$ 13,032
660	SODDING	500	SY	\$ 10	\$ 5,000
670	EROSION PROTECTION - SLOPE/DITCH PROTECTION	4	SY	\$ 2	\$ 8
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	4	EA	\$ 250	\$ 1,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 25,000	\$ 25,000
Grand Total					\$ 342,800

IDEWALK INSTALLATION ANALYSIS (8)
CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



STREET NORTH WOODLAND ROAD
FROM FAIRMOUNT
TO CUL-DE-SAC

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 1,000	\$ 1,000
201	TREE REMOVAL	7	EA	\$ 250	\$ 1,750
202	CONCRETE APRON REMOVAL	9500	SF	\$ 2	\$ 19,000
202	CURB RAMP REMOVAL	2	EA	\$ 250	\$ 500
203	EXCAVATION & EMBANKMENT	1	LS	\$ 20,000	\$ 20,000
204	SUBGRADE COMPACTION	3364	SY	\$ 2	\$ 6,728
209	LINEAR GRADING	5820	FT	\$ 4	\$ 23,280
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	9500	SF	\$ 7	\$ 66,500
512	SEALING OF CONCRETE SURFACES, APP	4420	SY	\$ 4	\$ 17,680
608	CONCRETE WALK, 4 INCH	30275	SF	\$ 7	\$ 211,925
608	CURB RAMP, MS CONCRETE, AS PER PLAN	10	EA	\$ 1,000	\$ 10,000
611	MANHOLE, ADJUST TO GRADE	5	EA	\$ 500	\$ 2,500
611	VALVE BOX, ADJUST TO GRADE	5	EA	\$ 350	\$ 1,750
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 10,000	\$ 10,000
638	HYDRANT RELOCATION	1	EA	\$ 3,500	\$ 3,500
659	SEEDING AND MULCHING	2500	SY	\$ 6	\$ 15,000
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	30	EA	\$ 250	\$ 7,500
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 40,000	\$ 40,000
SPECIAL	POWER POLE RELOCATION	1	LS	\$ 25,000	\$ 25,000
Grand Total					\$ 484,613

SIDEWALK INSTALLATION ANALYSIS (9)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

STREET FROM TO
RAMSAY ROAD
FAIRMOUNT
CUL-DE-SAC



QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 1,000	\$ 1,000
202	CURB RAMP REMOVAL	2	EA	\$ 250	\$ 500
202	APRON REMOVAL	2500	SF	\$ 2	\$ 5,000
203	EXCAVATION & EMBANKMENT	1	LS	\$ 15,000	\$ 15,000
204	SUBGRADE COMPACTION	536	SY	\$ 2	\$ 1,072
209	LINEAR GRADING	1930	FT	\$ 4	\$ 7,720
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	2500	SF	\$ 7	\$ 17,500
512	SEALING OF CONCRETE SURFACES, APP	536	SY	\$ 4	\$ 2,144
608	CONCRETE WALK, 4 INCH	4825	SF	\$ 7	\$ 33,775
608	CURB RAMP, MS CONCRETE, AS PER PLAN	2	EA	\$ 1,000	\$ 2,000
611	VALVE BOX, ADJUST TO GRADE	3	EA	\$ 350	\$ 1,050
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 5,000	\$ 5,000
638	HYDRANT RELOCATION	2	EA	\$ 3,500	\$ 7,000
653	TOPSOIL FURNISHED AND PLACED	89	CY	\$ 35	\$ 3,127
659	SEEDING AND MULCHING	536	SY	\$ 6	\$ 3,217
660	SODDING	134	SY	\$ 10	\$ 1,340
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	8	EA	\$ 250	\$ 2,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 10,000	\$ 10,000
SPECIAL	SIGN RELOCATION	1	LS	\$ 500	\$ 500
SPECIAL	UTILITY POLE RELOCATION	2	EA	\$ 20,000	\$ 40,000
Grand Total					\$ 159,946

SIDEWALK INSTALLATION ANALYSIS (10)
 CITY OF BEACHWOOD, OHIO
 ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



STREET RICHMOND ROAD
 FROM PARK EAST
 TO CHAGRIN

QNTY	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
202	CURB RAMP REMOVAL	2	EA	\$ 250	\$ 500
202	APRON REMOVAL	750	SF	\$ 2	\$ 1,500
203	EXCAVATION & EMBANKMENT	775	CY	\$ 8	\$ 6,200
204	SUBGRADE COMPACTION	1733	SY	\$ 2	\$ 3,467
209	LINEAR GRADING	2600	FT	\$ 4	\$ 10,400
451	CONCRETE APRON, CLASS MS	750	SF	\$ 8	\$ 6,000
512	SEALING OF CONCRETE SURFACES, APP	1444	SY	\$ 4	\$ 5,778
608	CONCRETE WALK, 4 INCH	13000	SF	\$ 7	\$ 91,000
608	CURB RAMP, MS CONCRETE, AS PER PLAN	2	EA	\$ 1,000	\$ 2,000
611	MANHOLE, ADJUST TO GRADE	5	EA	\$ 500	\$ 2,500
611	VALVE BOX, ADJUST TO GRADE	5	EA	\$ 350	\$ 1,750
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 20,000	\$ 20,000
614	SIGN RELOCATION	1	LS	\$ 2,500	\$ 2,500
638	HYDRANT RELOCATION	1	EA	\$ 3,500	\$ 3,500
653	TOPSOIL FURNISHED AND PLACED	30	CY	\$ 35	\$ 1,050
659	SEEDING AND MULCHING	1444	SY	\$ 6	\$ 8,667
660	SODDING	167	SY	\$ 10	\$ 1,667
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	6	EA	\$ 250	\$ 1,500
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 50,000	\$ 50,000
SPECIAL	POWER POLE RELOCATION	1	LS	\$ 25,000	\$ 25,000
SPECIAL	TRAFFIC SIGNAL BOX RELOCATION	1	LS	\$ 5,000	\$ 5,000
SPECIAL	RETAINING WALL REMOVAL	300	FT	\$ 75	\$ 22,500
SPECIAL	RETAINING WALL REPLACEMENT	4000	SF	\$ 50	\$ 200,000
SPECIAL	BOX CULVERT EXTENSION	1	EA	\$ 75,000	\$ 75,000
SPECIAL	CULVERT R / W EASEMENT	1	LS	\$ 5,000	\$ 5,000
Grand Total					\$ 553,478

SIDEWALK INSTALLATION ANALYSIS (11)
CITY OF BEACHWOOD, OHIO
ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



STREET SCIENCE PARK DRIVE
FROM 3275 SCIENCE
TO SOUTH WOODLAND

CRIS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING				
201	TREE REMOVAL	1	LS	\$ 1,000	\$ 1,000
203	EXCAVATION & EMBANKMENT	12	EA	\$ 250	\$ 3,000
204	SUBGRADE COMPACTION	100	CY	\$ 8	\$ 800
209	LINEAR GRADING	460	SY	\$ 2	\$ 920
512	SEALING OF CONCRETE SURFACES, APP	820	FT	\$ 4	\$ 3,280
608	CONCRETE WALK, 4 INCH	460	SY	\$ 4	\$ 1,840
608	CURB RAMP, MS CONCRETE, AS PER PLAN	4100	SF	\$ 7	\$ 28,700
611	MANHOLE, ADJUST TO GRADE	3	EA	\$ 1,000	\$ 3,000
611	VALVE BOX, ADJUST TO GRADE	5	EA	\$ 500	\$ 2,500
614	MAINTENANCE OF TRAFFIC	5	EA	\$ 350	\$ 1,750
638	HYDRANT RELOCATION	1	LS	\$ 10,000	\$ 10,000
653	TOPSOIL FURNISHED AND PLACED	1	EA	\$ 3,500	\$ 3,500
659	SEEDING AND MULCHING	140	CY	\$ 35	\$ 4,900
670	EROSION PROTECTION - SLOPE/DITCH PROTECTION	822	SY	\$ 6	\$ 4,933
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	200	SY	\$ 2	\$ 400
SPECIAL	PRECONSTRUCTION DVD	8	EA	\$ 250	\$ 2,000
SPECIAL	CONTINGENCY	1	LS	\$ 1,000	\$ 1,000
SPECIAL	RESHAPING WATER POND	1	LS	\$ 10,000	\$ 10,000
SPECIAL	TREE	1	LS	\$ 10,000	\$ 10,000
		12	EA	\$ 350	\$ 4,200
Grand Total					\$ 97,723

SIDEWALK INSTALLATION ANALYSIS (12)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

STREET SELKIRK ROAD
 FROM HENDON
 TO HURLINGHAM



QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 3,000	\$ 3,000
202	CURB RAMP REMOVAL	3	EA	\$ 250	\$ 750
202	APRON REMOVAL	750	SF	\$ 2	\$ 1,500
203	EXCAVATION & EMBANKMENT	1	LS	\$ 18,000	\$ 18,000
204	SUBGRADE COMPACTION	944	SY	\$ 2	\$ 1,889
209	LINEAR GRADING	3400	FT	\$ 4	\$ 13,600
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	750	SF	\$ 7	\$ 5,250
512	SEALING OF CONCRETE SURFACES, APP	944	SY	\$ 4	\$ 3,778
608	CONCRETE WALK, 4 INCH	8500	SF	\$ 7	\$ 59,500
608	CURB RAMP, MS CONCRETE, AS PER PLAN	8	EA	\$ 1,000	\$ 8,000
611	VALVE BOX, ADJUST TO GRADE	2	EA	\$ 350	\$ 700
611	STORM CONDUIT, TYPE B, 24 INCH AND UNDER	600	FT	\$ 65	\$ 39,000
611	INLET BASIN, AS PER PLAN	6	EA	\$ 2,500	\$ 15,000
611	STORM MANHOLE	6	EA	\$ 3,000	\$ 18,000
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 5,000	\$ 5,000
614	ROAD SIGN RELOCATION	3	EA	\$ 100	\$ 300
625	RELOCATE STREET LIGHTING	2	EA	\$ 2,000	\$ 4,000
638	HYDRANT RELOCATION	2	EA	\$ 3,500	\$ 7,000
653	TOPSOIL FURNISHED AND PLACED	160	CY	\$ 35	\$ 5,600
659	SEEDING AND MULCHING	5670	SY	\$ 6	\$ 34,020
660	SODDING	475	SY	\$ 10	\$ 4,750
670	EROSION PROTECTION - SLOPED/DITCH PROTECTION	950	SY	\$ 2	\$ 1,900
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	4	EA	\$ 250	\$ 1,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 500	\$ 500
SPECIAL	CONTINGENCY	1	LS	\$ 25,000	\$ 25,000
Grand Total					\$ 277,037

SIDEWALK INSTALLATION ANALYSIS (13)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

STREET FROM TO SHAKER BOULEVARD EB
RICHMOND
1271



GMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	
					Total
201	CLEARING AND GRUBBING	1	LS	\$ 15,000	\$ 15,000
201	TREE REMOVAL	24	EA	\$ 250	\$ 6,000
202	CURB RAMP REMOVAL	2	EA	\$ 250	\$ 500
202	APRON REMOVAL	2500	SF	\$ 2	\$ 5,000
203	EXCAVATION & EMBANKMENT	2000	CY	\$ 8	\$ 16,000
204	SUBGRADE COMPACTION	2250	SY	\$ 2	\$ 4,500
209	LINEAR GRADING	4050	FT	\$ 4	\$ 16,200
451	CONCRETE APRON, COMMERCIAL, CLASS MS	2500	SF	\$ 9	\$ 22,500
512	SEALING OF CONCRETE SURFACES, APP	2515	SY	\$ 4	\$ 10,060
608	CONCRETE WALK, 4 INCH	20150	SF	\$ 7	\$ 141,050
608	CURB RAMP, MS CONCRETE, AS PER PLAN	4	EA	\$ 1,000	\$ 4,000
611	VALVE BOX, ADJUST TO GRADE	5	EA	\$ 350	\$ 1,750
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 25,000	\$ 25,000
653	TOPSOIL FURNISHED AND PLACED	400	CY	\$ 35	\$ 14,000
659	SEEDING AND MULCHING	2240	SY	\$ 6	\$ 13,440
670	EROSION PROTECTION - SLOPE/DITCH PROTECTION	10	SY	\$ 20	\$ 200
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	8	EA	\$ 250	\$ 2,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 30,000	\$ 30,000
Grand Total					\$ 328,200

SIDEWALK INSTALLATION ANALYSIS (14)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

STREET SHAKER BOULEVARD WB

FROM RICHMOND

TO 1271



QNTS	DESCRIPTION	QUANTITY	UNIT	UNITS	Total
201	CLEARING AND GRUBBING	1	LS	\$ 15,000	\$ 15,000
201	TREE REMOVAL	25	EA	\$ 250	\$ 6,250
203	EXCAVATION & EMBANKMENT	1750	CY	\$ 8	\$ 14,000
204	SUBGRADE COMPACTION	1570	SY	\$ 2	\$ 3,140
209	LINEAR GRADING	2825	FT	\$ 4	\$ 11,300
512	SEALING OF CONCRETE SURFACES, APP	1565	SY	\$ 4	\$ 6,260
608	CONCRETE WALK, 4 INCH	14085	SF	\$ 7	\$ 98,455
608	CURB RAMP, MS CONCRETE, AS PER PLAN	2	EA	\$ 1,000	\$ 2,000
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 10,000	\$ 10,000
653	TOPSOIL FURNISHED AND PLACED	260	CY	\$ 35	\$ 9,100
659	SEEDING AND MULCHING	1575	SY	\$ 6	\$ 9,450
670	EROSION PROTECTION - SLOPE/DITCH PROTECTION	35	SY	\$ 20	\$ 700
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	8	EA	\$ 250	\$ 2,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 20,000	\$ 20,000
Grand Total					\$ 208,655

SIDEWALK INSTALLATION ANALYSIS (15)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

STREET FROM TO
SOUTH WOODLAND ROAD
RICHMOND
1271



GMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	
					Total
201	CLEARING AND GRUBBING	1	LS	\$ 3,000	\$ 3,000
203	EXCAVATION & EMBANKMENT	325	CY	\$ 8	\$ 2,600
204	SUBGRADE COMPACTION	1950	SY	\$ 2	\$ 3,900
209	LINEAR GRADING	3505	FT	\$ 4	\$ 14,020
512	SEALING OF CONCRETE SURFACES, APP	1950	SY	\$ 4	\$ 7,800
608	CONCRETE WALK, 4 INCH	17525	SF	\$ 7	\$ 122,675
608	CURB RAMP, MS CONCRETE, AS PER PLAN	6	EA	\$ 1,000	\$ 6,000
609	CONCRETE CURB, TYPE 6, MS	500	FT	\$ 30	\$ 15,000
611	MANHOLE, ADJUST TO GRADE	3	EA	\$ 500	\$ 1,500
611	VALVE BOX, ADJUST TO GRADE	5	EA	\$ 350	\$ 1,750
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 10,000	\$ 10,000
638	HYDRANT RELOCATION	4	EA	\$ 3,500	\$ 14,000
659	SEEDING AND MULCHING	2274	SY	\$ 6	\$ 13,643
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	12	EA	\$ 250	\$ 3,000
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 1,000	\$ 1,000
SPECIAL	CONTINGENCY	1	LS	\$ 25,000	\$ 25,000
Grand Total					\$ 244,888

SIDEWALK INSTALLATION ANALYSIS (16)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL



GPD GROUP

STREET: STRATTON ROAD

FROM: CHAGRIN

TO: HALBURTON

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 2,000	\$ 2,000
202	APRON REMOVAL	250	SF	\$ 2	\$ 500
203	EXCAVATION & EMBANKMENT	1100	CY	\$ 8	\$ 8,800
204	SUBGRADE COMPACTION	460	SY	\$ 2	\$ 920
209	LINEAR GRADING	825	FT	\$ 4	\$ 3,300
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	250	SF	\$ 7	\$ 1,750
511	LANDSCAPE RETAINING WALL	2250	SF	\$ 50	\$ 112,500
512	SEALING OF CONCRETE SURFACES, APP	460	SY	\$ 4	\$ 1,840
608	CONCRETE WALK, 4 INCH	4115	SF	\$ 7	\$ 28,805
608	CURB RAMP, MS CONCRETE, AS PER PLAN	4	EA	\$ 1,000	\$ 4,000
611	MANHOLE, ADJUST TO GRADE	2	EA	\$ 500	\$ 1,000
611	VALVE BOX, ADJUST TO GRADE	2	EA	\$ 350	\$ 700
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 5,000	\$ 5,000
638	HYDRANT RELOCATION	2	EA	\$ 3,500	\$ 7,000
638	FIRE LINE STANDPIPE RELOCATION	2	EA	\$ 5,000	\$ 10,000
653	TOPSOIL FURNISHED AND PLACED	65	CY	\$ 35	\$ 2,275
659	SEEDING AND MULCHING	550	SY	\$ 6	\$ 3,300
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	6	EA	\$ 250	\$ 1,500
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 500	\$ 500
SPECIAL	CONTINGENCY	1	LS	\$ 18,500	\$ 18,500
Grand Total					\$ 214,190

SIDEWALK INSTALLATION ANALYSIS (17)

CITY OF BEACHWOOD, OHIO

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST - PLANNING LEVEL

STREET FROM TO
UNION CIRCLE
COMMUNITY
CUL-DE-SAC



GPD GROUP

QMS	DESCRIPTION	QUANTITY	UNIT	UNIT \$	Total
201	CLEARING AND GRUBBING	1	LS	\$ 1,000	\$ 1,000
201	TREE REMOVAL	8	EA	\$ 250	\$ 2,000
202	APRON REMOVAL	1750	SF	\$ 2	\$ 3,500
203	EXCAVATION & EMBANKMENT	1500	CY	\$ 8	\$ 12,000
204	SUBGRADE COMPACTION	600	SY	\$ 2	\$ 1,200
209	LINEAR GRADING	1075	FT	\$ 4	\$ 4,300
451	CONCRETE APRON, RESIDENTIAL, CLASS MS	1750	SF	\$ 7	\$ 12,250
512	SEALING OF CONCRETE SURFACES, APP	600	SY	\$ 4	\$ 2,400
608	CONCRETE WALK, 4 INCH	5375	SF	\$ 7	\$ 37,625
608	CURB RAMP, MS CONCRETE, AS PER PLAN	4	EA	\$ 1,000	\$ 4,000
611	MANHOLE, ADJUST TO GRADE	2	EA	\$ 500	\$ 1,000
611	VALVE BOX, ADJUST TO GRADE	4	EA	\$ 350	\$ 1,400
611	STORM CONDUIT, TYPE B, 24 INCH AND UNDER	900	FT	\$ 65	\$ 58,500
611	INLET BASIN, AS PER PLAN	6	EA	\$ 2,500	\$ 15,000
614	MAINTENANCE OF TRAFFIC	1	LS	\$ 5,000	\$ 5,000
638	HYDRANT RELOCATION	2	EA	\$ 3,500	\$ 7,000
653	TOPSOIL FURNISHED AND PLACED	80	CY	\$ 35	\$ 2,800
659	SEEDING AND MULCHING	600	SY	\$ 6	\$ 3,600
660	SODDING	600	SY	\$ 10	\$ 6,000
670	EROSION PROTECTION - SLOPEDITCH PROTECTION	600	SY	\$ 2	\$ 1,200
832	EROSION & SEDIMENT CONTROL @ STRUCTURES	2	EA	\$ 250	\$ 500
SPECIAL	PRECONSTRUCTION DVD	1	LS	\$ 500	\$ 500
SPECIAL	CONTINGENCY	1	LS	\$ 18,000	\$ 9,000
SPECIAL	SIGN RELOCATION	1	LS	\$ 500	\$ 500
Grand Total					\$ 192,275



MARTIN S. HORWITZ, MAYOR

BUILDING DEPARTMENT
WILLIAM B. GRISWOLD, BUILDING COMMISSIONER
PHONE (216) 292-1914
FAX (216) 292-1917

Memorandum
November 28, 2018

To: Mayor Horwitz
Tina Turick, Asst. Admin. Officer

From: William Griswold, Building Commissioner

Re: Sidewalks – Commercial Properties

The following parcel numbers and County listed owners are those properties we discussed regarding possible assessment for commercial properties without sidewalks.

<u>Parcel</u>	<u>Address</u>	<u>Owner</u>
742-03-002	26001 South Woodland	Jewish Community Center
742-03-006	26000 Shaker Blvd.	Temple Tifereth
742-04-007	26500 Shaker Blvd.	Jewish Federation
742-00-002	26600 Shaker Blvd.	Fuchs Mizrahi
742-18-001	South Woodland (South side)	Cleveland Clinic Foundation
742-18-002		Cleveland Clinic Foundation
742-19-016		Cleveland Clinic Foundation
742-19-001	25875 Science Park	Cleveland Clinic Foundation
742-19-017	3175 Science Park	Cleveland Clinic Foundation
742-20-002	3355 Richmond Road	Equity Beachwood Limited
742-20-037	3355 Richmond Road	Equity Beachwood Limited
742-20-018	25855 Chagrin Blvd.	PAG Bedford LLC
742-18-006	3300 Enterprise Pkwy.	Developers Diversified Realty

Joe has provided cost estimates for the above streets; however, I believe he would now have to break it down to specific parcels if we want to provide Council the specific numbers for possible assessment. I would also recommend that his estimated costs be updated to reflect projected costs for mid-2019.

Respectfully,

William Griswold
Building Commissioner

Cc: Joseph Ciuni, City Engineer