



Professional Engineering Consultants, P.A.

303 S. TOPEKA ■ WICHITA, KANSAS 67202 ■ 316-262-2691 ■ FAX 316-262-3003 ■ www.pecl.com ■ designers@pecl.com

LETTER OF TRANSMITTAL

TO: MAPD
455 N. Main
Wichita, Ks. 67202

PROJECT NO.: 36-07761-5526
PROJECT: Glen Meadows Addition

ATTENTION: Cheryl Holloway

DATE: 8/18/09

WE ARE SENDING YOU: Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
2 ea.			Boundary closures and bubble maps

THESE ARE TRANSMITTED as checked below:

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- As requested Returned for corrections _____ corrected prints
- For review and comment _____
- FOR BIDS DUE _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

COPY TO: file

SIGNED Rob Hartman

If enclosures are not as noted, kindly notify us at once.

BOUNDARY CLOSURE FOR GLEN MEADOWS
(36-07761-5526)
(AUGUST 17, 2009)

PNT.#

196	North: 386977.0830 Line Course: N 89-01-03 E	East: 2371436.8986 Length: 653.9081
195	North: 386988.2956 Curve Length: 384.9460 Delta: 55-00-07 Chord: 370.3344 Course In: S 62-08-22 E RP North: 386800.8997	East: 2372090.7105 Radius: 401.0000 Tangent: 208.7560 Course: S 00-21-35 W Course Out: S 62-51-31 W East: 2372445.2297
644	End North: 386617.9684	East: 2372088.3864
	Curve Length: 64.0609 Delta: 3-11-40 Chord: 64.0536 Course In: S 62-51-31 W RP North: 386093.8086	Radius: 1149.0000 Tangent: 32.0392 Course: S 25-32-39 E Course Out: N 66-03-11 E East: 2371065.9102
645	End North: 386560.1768	East: 2372116.0063
	Line Course: S 23-56-51 E	Length: 23.9354
646	North: 386538.3018	East: 2372125.7216
	Curve Length: 40.1706 Delta: 30-41-17 Chord: 39.6921 Course In: S 58-00-12 E RP North: 386498.5615	Radius: 75.0000 Tangent: 20.5796 Course: S 16-39-09 W Course Out: N 88-41-29 W East : 2372189.3275
909	End North: 386500.2744	East: 2372114.3471
	Line Course: S 66-03-09 W	Length: 127.1156
908	North: 386448.6782	East: 2371998.1739
	Curve Length: 67.9694 Delta: 9-00-53 Chord: 67.9001 Course In: S 23-56-43 E RP North: 386053.8589	Radius: 432.0000 Tangent: 34.0554 Course: S 61-32-51 W Course Out: N 32-57-36 W East: 2372173.5071
907	End North: 386416.3288	East: 2371938.4761
	Line Course: S 57-02-32 W	Length: 91.0862

905	Curve Length: 101.3502 Delta: 24-45-47 Chord: 100.5642 Course In: S 32-57-28 E RP North: 386170.0137 End North: 386295.2472	Radius: 234.5000 Tangent: 51.4794 Course: S 44-39-39 W Course Out: N 57-43-15 W East : 2371989.6211 East: 2371791.3616
904	Curve Length: 167.4395 Delta: 21-13-29 Chord: 166.4825 Course In: S 57-43-15 E RP North: 386053.8589 End North: 386140.5262	Radius: 452.0000 Tangent: 84.6898 Course: S 21-40-00 W Course Out: N 78-56-44 W East: 2372173.5078 East: 2371729.8945
903	Line Course: S 11-03-16 W North: 386079.1663	Length: 62.5199 East: 2371717.9068
902	Curve Length: 99.2502 Delta: 35-28-44 Chord: 97.6718 Course In: N 78-56-44 W RP North: 386109.8990 End North: 385993.5706	Radius: 160.2817 Tangent: 51.2738 Course: S 28-47-38 W Course Out: S 43-28-00 E East: 2371560.5990 East: 2371670.8620
901	Curve Length: 134.0958 Delta: 23-08-31 Chord: 133.1863 Course In: S 43-28-00 E RP North: 385752.6134 End North: 385884.4207	Radius: 332.0000 Tangent: 67.9746 Course: S 34-57-44 W Course Out: N 66-36-31 W East: 2371899.2556 East: 2371594.5413
900	Line Course: S 23-23-42 W North: 385843.5099	Length: 44.5753 East: 2371576.8418
656	Curve Length: 83.1369 Delta: 63-30-43 Chord: 78.9454 Course In: S 01-51-41 E RP North: 385768.5495 End North: 385799.8023	Radius: 75.0000 Tangent: 46.4223 Course: S 56-22-58 W Course Out: N 65-22-24 W East: 2371579.2780 East: 2371511.0998
170	Line Course: S 89-22-14 W North: 385799.1293	Length: 61.2616 East: 2371449.8419
196	Line Course: N 00-37-46 W North: 386977.0848	Length: 1178.0266 East: 2371436.9005

Perimeter: 3384.8492 Area: 518,331 sq. ft. 11.90 acres

Mapcheck Closure - (Uses listed courses, radii, and deltas)

Error Closure: 0.0026 Course: N 46-25-18 E

Error North: 0.00182 East: 0.00192

Precision 1: 1,301,864.6923