



DESIGN FEE ESTIMATE
MULTI-MODAL PATH - SH 9 - FROM 24TH AVENUE SE TO 1000' EAST OF 36TH AVENUE SE

MIKE RAYBURN
CITY OF NORMAN
10/29/2012

PHASE 1. PRE-DESIGN SERVICES

1A Existing Expenditures for Cardinal in attending ODOT Plan in Hand including Comments & followup meeting with ODOT & City

	RATE	UNIT	# OF UNITS	COST
Principal	\$150.00	hr	3	\$450.00
Professional Engineer	\$125.00	hr	22	\$2,750.00

Task 1A Sub-Total = \$3,200

1B Coordinate, Obtain, & Convert ODOT Plans into CAD base drawing for Multi-Modal Path in lieu of Design Survey

	RATE	UNIT	# OF UNITS	COST
Professional Engineer	\$125.00	hr	16	\$2,000.00
Civil Designer	\$85.00	hr	40	\$3,400.00

Task 1B Sub-Total = \$5,400

PHASE 1 - PRE-DESIGN TOTAL = \$8,600

PHASE 2 DESIGN SERVICES

2A Concept Design Services (30% Design)

	RATE	UNIT	# OF UNITS	COST
Principal	\$150.00	hr	8	\$1,200.00
Professional Engineer	\$125.00	hr	24	\$3,000.00
Designer	\$85.00	hr	180	\$15,300.00

Task 2A Sub-Total = \$19,500

2B 60% Design (Plan in Hand)

	RATE	UNIT	# OF UNITS	COST
Principal	\$150.00	hr	24	\$3,600.00
Professional Engineer	\$125.00	hr	40	\$5,000.00
Civil Designer	\$85.00	hr	140	\$11,900.00

Task 2B Sub-Total = \$20,500

2C 95% Design (Final Plans - not bid set for construction)

	RATE	UNIT	# OF UNITS	COST
Principal	\$150.00	hr	8	\$1,200.00
Professional Engineer	\$125.00	hr	60	\$7,500.00
Civil Designer	\$85.00	hr	140	\$11,900.00
Reproduction	\$500.00	L.S.	1	\$500.00

Task 2C Sub-Total = \$21,100

PHASE 2 - DESIGN SERVICES = \$61,100

PHASE 3 CONSTRUCTION SERVICES

3A Bid Administration

	RATE	UNIT	# OF UNITS	COST
Principal	\$150.00	hr	4	\$600.00
Professional Engineer	\$125.00	hr	16	\$2,000.00

Civil Designer	\$85.00	hr	16	\$1,360.00
Clerical	\$45.00	hr	6	\$270.00
Reproduction	\$500.00	L.S.	1	\$500.00

Task 3A Sub-Total = \$4,730

PHASE 3 - CONSTRUCTION SERVICES TOTAL = \$4,730

DESIGN FEE TOTAL * = \$74,430

*** Note: No Construction Administration or Construction Inspection Included**
 To be determined upon development of Preliminary Plans & Report