

**WORK AUTHORIZATION # CM1314-WA02
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
RFQ/BID NO. NC07-043**

**RECEIVED
CONTRACT MANAGEMENT
2009 JUN 19 PM 2:32**

Consultant:	Passero Associates, L.L.C.
Contract Number:	CN08-100
Contact Name:	Dan Savage
Contact Number:	585-325-1000 Ext. 302
Email:	DSavage@passero.com

CURRENT WORK AUTHORIZATION	
Project Short Title: Feasibility Study for the proposed widening to four-lanes a portion of Chester Road in Nassau County	
Date Submitted	05/06/09
Amount	\$124,442.14
Scheduled Completion	Six (6) Months

This Work Authorization is to the AGREEMENT between Nassau County and the Consultant known as the Agreement for Professional Services, in connection with projects approved within Nassau County's Capital Improvement Plan (CIP) for Nassau County, Florida, dated May 14, 2008. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

Passero Associates along with Ghyabi & Associates (the PA Team) shall perform professional services for the purpose of providing Nassau County with a project feasibility study for the proposed widening to four-lanes a portion of Chester Road in Nassau County, as further described in the Scope of Services, attached hereto as Exhibit A.

ARTICLE 2. Time Schedule

Passero Associates is prepared to commence the project immediately upon receipt of notice to proceed or execution of this Task Order and is anticipated to be complete within six (6) months from the date of execution.

ARTICLE 3. Budget

Passero Associates will perform the work on a Lump Sum basis for the amount of \$124,442.14.

Article 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the AGREEMENT referenced above and any of its attachments or schedules. This Work Authorization will become a part of the referenced AGREEMENT when executed by both parties.

In presenting this Work Authorization, Consultant agrees that:

Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed scope of services are attached.

AGREED TO BY:

BY: Daniel Savage
Print Name: Daniel Savage
Title: VP
Date: 6/15/09

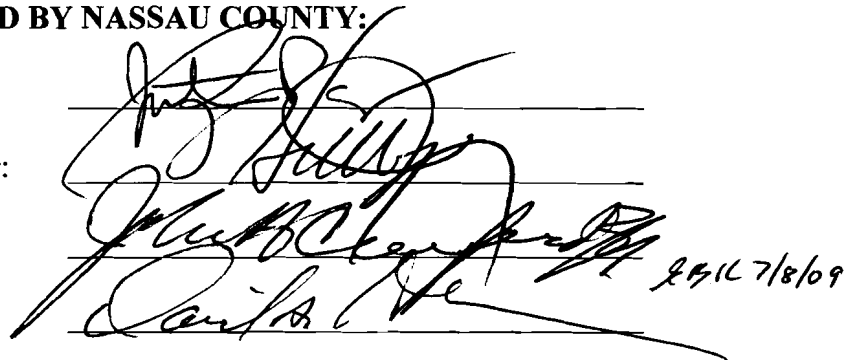
RECOMMENDED AND APPROVED BY NASSAU COUNTY:

Director of Engineering Services:

Board of County Commissioners, Chair:

Ex-Officio Clerk:

County Attorney:

The block contains four handwritten signatures on horizontal lines, corresponding to the roles listed on the left. The signatures are: 1. Director of Engineering Services: A signature that appears to be 'John J. ...'. 2. Board of County Commissioners, Chair: A signature that appears to be 'John ...'. 3. Ex-Officio Clerk: A signature that appears to be 'John ...'. 4. County Attorney: A signature that appears to be 'Carla ...'. To the right of the County Attorney signature, there is a handwritten date '2511 7/8/09'.

APPROVED by the BOARD OF COUNTY COMMISSIONERS, the 8th day of July, 2009.

Exhibit A
Scope of Services
Project Feasibility
CHESTER ROAD
NASSAU COUNTY

Work Authorization:	CM1314-WA02
Road Name:	Chester Road
Road ID:	
County:	Nassau
Project Location:	from SR 200(A1A) to Roses Bluff Road
Project Length:	3.200 miles
Improvement Type:	Feasibility Study

Purpose

Passero Associates along with Ghyabi & Associates (the PA Team) prepared this scope of services for the purpose of providing the Nassau County with a project feasibility study for the proposed widening to four-lanes a portion of Chester Road in Nassau County.

The analyses include:

- Existing Conditions – The development of Existing Design Traffic Volumes, design characteristics and evaluation of existing operating conditions, as well as existing physical characteristics and environmental aspects of the project corridor.
- Future Conditions – This phase of the study entails the development of future traffic forecasts for No-Build and Build conditions. In addition, this study provides an evaluation of the characteristics and operating conditions of the corridor during the service life of the roadway project, as well as the potential impacts of conceptual designs on the physical characteristics and environmental aspects of the project corridor.

Study Limits

In support of the Chester Road Feasibility Study, the limits of this study include Chester Road from SR 200 (A1A) to Roses Bluff Road.

Study Intersections:

- Chester Road @ SR 200 (A1A)
- Chester Road @ CR-200A (Page's Dairy)
- Chester Road @ Heron Isles Parkway
- Chester Road @ Green Pine Road
- Chester Road @ Roses Buff Road

General Approach

The general approach to this study is as follows:

Existing Conditions

- Assemble and review relevant traffic count data that include Nassau County and FDOT AADT traffic counts from the FDOT RCI Database, four- hour intersection turning movement counts and 72-hour bi-directional volume counts.
- Assemble and review existing travel characteristics in the FDOT RCI database that include design hour factor (K_{30}), directional distribution factor (D) and truck factor (T). Design characteristics for use in the development of design traffic volumes will be recommended.
- Assemble and review the existing physical characteristics of the project corridor including typical section, right of way, bridge data, drainage data, utility data, railroad crossing data, lighting information and pavement conditions.
- Assemble and review environmental considerations including archeological and historical data, wetlands data, soil classifications, environmental permits and species of special concern information.
- Prepare existing design AADT, DDHV and DHV.
- Perform existing operational analysis using the most current adopted procedures outlined in the Transportation Research Board's Special Report 209- Highway Capacity Manual (HCM). The Highway Capacity Software (HCS) will be used to evaluate signalized/unsignalized intersections. The arterial LOS will be computed using the HCS Arterials module. Bicycle and pedestrian LOS will not be calculated as a part of this study.
- Provide documentation in a Project Feasibility Report - Existing Conditions.

Future Conditions

- Collect relevant traffic data from other traffic studies, historic count data, and previous traffic projections.
- Travel Demand Model projections for the build alternatives will be developed for the design year. A trend analysis using historic traffic counts will also be prepared. Growth projections based on the trend analysis will be compared to the growth projections based on the travel demand modeling analysis. A preferred growth method will be determined.
- Future design AADT and DDHV will be prepared for the No-Build and Build condition based on the preferred growth method determined and the use of the approved design characteristics.

- Future operational analysis for the No-Build and Build alternatives and three different analysis years will be prepared using the most current adopted procedures outlined in the Transportation Research Board's Special Report 209-Highway Capacity Manual (HCM). The Highway Capacity Software (HCS) will be used to evaluate signalized/unsignalized intersections. The arterial LOS will be computed using the HCS Arterials module. Bicycle and pedestrian LOS will not be calculated as a part of this study.
- Determine the potential impacts of the proposed widening of Chester Road on the existing physical characteristics and environmental considerations found in the project corridor based on conceptual plans for the widening.
- Provide documentation in a Project Feasibility Report – Future Conditions.

Scope of Services

Task 1.1: Data Collection – Traffic Counts

This task includes the assembly and review of existing traffic count data for intersections, arterial segments and vehicle classification. Four-hour intersection traffic turning movement counts and 72-hour bi-directional volume counts will be collected at appropriate locations. Existing signal timing data will also be collected and incorporated into the analysis.

Product: *Documentation of traffic count data.*

Task 1.2: Design Characteristics

Existing Design Characteristics (K_{30} , D , T) obtained from the traffic count data collected for this study and information contained by Nassau County and FDOT RCI database will be compared to observed factors and will be used to develop the Design Characteristics. These design factors will be used to prepare design traffic volumes for operational analysis.

Product: *K_{30} , D and T factors*

Task 1.3: Develop Design Traffic

The recommended AADT will be developed by adjustment of existing traffic counts with the most current seasonal and axle adjustment factors for the study corridor. The DDHV will be developed by the application of the recommended design characteristics to the AADT. Existing AM/PM peak hour turning movement data will be utilized in the development of existing design turning movements at the intersections.

Product: *Existing design AADT, DDHV and AM/PM peak hour intersection turning movement estimates.*

Task 1.4: Level of Service Analysis

- The design traffic estimates as developed in Task 1.3 will be used to evaluate the existing operating conditions along the study corridor. Perform existing operational analysis using the most current adopted procedures outlined in the Transportation Research Board's Special Report 209- Highway Capacity Manual (HCM). The Highway Capacity Software (HCS) will be used to evaluate signalized/unsignalized intersections. The arterial LOS will be computed using the HCS Arterials module. Bicycle and pedestrian LOS will not be calculated as a part of this study.

Product: *Summary of existing operating conditions along the study corridor.*

Task 1.5: Data Collection – Existing Physical and Environmental Characteristics

This task includes the assembly and review of existing physical and environmental characteristics of the project corridor. Data for environmental conditions will be obtained from existing sources. Physical conditions will also be determined from existing data sources.

Product: *Documentation of physical and environmental characteristics.*

2. PHASE TWO – FUTURE CONDITIONS

Task 2.1: Data Collection

In addition to traffic count data, it is anticipated that this project will require the accumulation of historic traffic count data, traffic characteristics, previous traffic projections (DRIs, other Department studies and comprehensive plans), previous ESAL calculations and, where available, current FSUTMS information.

Product: *Relevant project data.*

Task 2.2: Travel Demand Model & Trend Analysis

The Northeast Florida Regional Planning Model (NERPM) Model Year 2025 model will be utilized to determine the projected growth in traffic that will occur under the No-Build and Build conditions. Model validation results of the base year (2000) FSUTMS model will be examined in the project subarea to include the study corridor and the major roadway segments adjacent to the study corridor. A trend analysis using historic traffic counts will also be prepared. The growth in traffic projections in the trend analysis will be compared to the traffic projections from the travel demand model. A preferred growth method will be determined.

Product: *Recommended Growth of traffic for the No-Build and Build alternatives.*

Task 2.3: Develop Design Traffic Forecasts

Design traffic estimates will be prepared using results of the recommended growth method for the No-Build and Build alternatives. Either interpolation or extrapolation of model traffic volumes will produce opening year, mid-design year, and design year traffic forecasts. The opening, mid and design years for this study are:

- Opening Year – 2010
- Mid-Design Year – 2020
- Design Year - 2030

Product: *Future year AADTs, DDHVs and AM/PM peak hour intersection turning movement volumes.*

Task 2.4: Level of Service Analysis

Future operational analysis for the No-Build and Build alternatives and three different analysis years will be prepared using the most current adopted procedures outlined in the Transportation Research Board's Special Report 209- Highway Capacity Manual (HCM). The Highway Capacity Software (HCS) will be used to evaluate signalized/unsignalized intersections. The arterial LOS will be computed using the HCS Arterials module. Bicycle and pedestrian LOS will not be calculated as a part of this study. Recommended improvements to the study corridor will be based on the results of this analysis.

Product: *Summaries of roadway and intersection LOS and recommended improvements.*

3. PROJECT FEASIBILITY / RECOMMENDATIONS

Task 3.1: Project Feasibility Analysis

The proposed concepts for the widening of Chester Road will be evaluated against the existing physical and environmental conditions. A fatal flaw analysis will be included to determine whether the four-laning of Chester Road from SR 200 (A1A) to Roses Bluff Road is feasible. In addition, the feasibility analysis will evaluate the extension of Pages Dairy Rd. easterly to Black Rock Rd. (CR 107) and the proposed east-west highway connection from Chester Rd. to I-95 across the lands currently owned by Terrapoint Developers and intersecting Chester Rd. opposite Green Pine Rd.

Areas for investigation include:

Physical Conditions

- Typical Section and ROW requirements
- Existing Design Deficiencies
- Bridges
- Drainage
- Utilities
- Railroad Crossings
- Lighting

Environmental Conditions

- Wetlands
- Soils
- Environmental Permits
- Outstanding Florida Waters

Product: *Project Feasibility recommendations.*

4. DOCUMENTATION

Task 4.1: Reports

The findings and analyses resulting from this study will be documented in a Feasibility Report. A draft report (5 copies) and two CDs will be distributed to Nassau County and appropriate agencies for review. Comments and modifications will be incorporated in the final report (5 copies) and 2 CDs.

Product: *Draft and Final Feasibility Report.*

5. QA/QC

Task 5.1: Project Coordination

Throughout the study, key Passero Associates and Ghyabi & Assoc. staff will implement a comprehensive QA/QC process.

6. COORDINATION

Task 6.1: Project Coordination

Throughout the study, key Passero and G&A staff will be available to meet and discuss project-related issues. It is anticipated that four (4) meetings with the Nassau County Project Manager will be required.

Product: *Project coordination and meeting attendance.*

SUMMARY FEE PROPOSAL

PLANNING - FIELD OFFICE

Nassau Project Manager: Jonathan Page P.E.

Financial Project No. N/A WPI No.: _____ Project Description: Chester Road Feasibility Study
Name of Consultant: Passero Assoc. w/Ghyabi & Ass. Date: 4/21/2009 FAP No.: n/a

TOTAL FEE COMPUTATIONS

Basic Activity Salary Cost			\$ 37,254.61
Cost Elements & Additives			
(a)	173.41% for Combined Overhead	=	\$ 64,603.22
Subtotal			\$101,857.83
(c)	10.00% for Profit	=	\$ 10,185.78
(b)	0.000% for FCCM	=	\$ -
Subtotal (Cost Elements appl. to Salary-Cost Fee)		=	\$112,043.61
(d)	4.55% for Direct Expenses (Out-of-Pocket)	=	\$4,634.53
Subtotal		=	\$116,678.14
(e) Subconsultants			
Traffic Counts		=	\$ 7,764.00
		=	
TOTAL ESTIMATE			\$124,442.14

Prepared by: Dan Savage & William Scott

Date: 4/21/2009

Ghyabi FDOT Design Contract
 Traffic Count Rates

Type	Task	Duration	ZONE A			ZONE B			ZONE C				
			Unit Rates	No. of Units	Cost	Unit Rates	No. of Units	Cost	Unit Rates	No. of Units	Cost		
1	Volume Count		\$ 191.00		\$ -	\$ 239.00	0	\$ -	\$ 287.00	0	\$ -		
1a	Classification or Spot Speed Count	24 Hours	\$ 215.00		\$ -	\$ 239.00		\$ -	\$ 263.00		\$ -		
1c	Approach Count (Per Approach)		\$ 119.00		\$ -	\$ 143.00		\$ -	\$ 167.00		\$ -		
2	Volume Count		\$ 215.00		\$ -	\$ 239.00		\$ -	\$ 263.00		\$ -		
2a	Classification or Spot Speed Count	48 Hours	\$ 335.00		\$ -	\$ 359.00		\$ -	\$ 382.00		\$ -		
3	Volume Count		\$ 335.00		\$ -	\$ 359.00		\$ -	\$ 406.00	11	\$ 4,466.00		
3a	Classification or Spot Speed Count	72 Hours	\$ 359.00		\$ -	\$ 406.00		\$ -	\$ 454.00	2	\$ 908.00		
4	Volume Count		\$ 550.00		\$ -	\$ 622.00		\$ -	\$ 694.00		\$ -		
4a	Classification or Spot Speed Count	1 Week	\$ 622.00		\$ -	\$ 694.00		\$ -	\$ 789.00		\$ -		
5	TMC/Peds	2 Hours	\$ 191.00		\$ -	\$ 215.00		\$ -	\$ 239.00	10	\$ 2,390.00		
5a	TMC/Peds	4 Hours	\$ 263.00		\$ -	\$ 287.00		\$ -	\$ 311.00		\$ -		
5b	TMC/Peds	6 Hours	\$ 311.00		\$ -	\$ 335.00		\$ -	\$ 382.00		\$ -		
5c	TMC/Peds	8 Hours	\$ 406.00		\$ -	\$ 430.00		\$ -	\$ 502.00		\$ -		
6	TMC/Peds (2 Enumerators)	2 Hours	\$ 263.00		\$ -	\$ 287.00		\$ -	\$ 406.00		\$ -		
6a	TMC/Peds (2 Enumerators)	4 Hours	\$ 502.00		\$ -	\$ 526.00		\$ -	\$ 550.00		\$ -		
6b	TMC/Peds (2 Enumerators)	6 Hours	\$ 550.00		\$ -	\$ 598.00		\$ -	\$ 706.00		\$ -		
6c	TMC/Peds (2 Enumerators)	8 Hours	\$ 670.00		\$ -	\$ 694.00		\$ -	\$ 801.00		\$ -		
7	TMC - Classification	2 Hours	\$ 191.00		\$ -	\$ 215.00		\$ -	\$ 239.00		\$ -		
7a	TMC - Classification	4 Hours	\$ 263.00		\$ -	\$ 287.00		\$ -	\$ 311.00		\$ -		
7b	TMC - Classification	6 Hours	\$ 311.00		\$ -	\$ 335.00		\$ -	\$ 382.00		\$ -		
7c	TMC - Classification	8 Hours	\$ 406.00		\$ -	\$ 430.00		\$ -	\$ 454.00		\$ -		
8	TMC - Classification (2 Enumerators)	2 Hours	\$ 311.00		\$ -	\$ 335.00		\$ -	\$ 454.00		\$ -		
8a	TMC - Classification (2 Enumerators)	4 Hours	\$ 454.00		\$ -	\$ 478.00		\$ -	\$ 622.00		\$ -		
8b	TMC - Classification (2 Enumerators)	6 Hours	\$ 550.00		\$ -	\$ 598.00		\$ -	\$ 765.00		\$ -		
8c	TMC - Classification (2 Enumerators)	8 Hours	\$ 718.00		\$ -	\$ 741.00		\$ -	\$ 909.00		\$ -		
9a	Freeway Volume (4L) *		\$ 813.00		\$ -	\$ 909.00		\$ -	\$ 1,005.00		\$ -		
9b	Freeway Volume (6L) *		\$ 1,005.00		\$ -	\$ 1,100.00		\$ -	\$ 1,220.00		\$ -		
9c	Freeway Classification (4L) *	72 Hours	\$ 1,244.00		\$ -	\$ 1,316.00		\$ -	\$ 1,340.00		\$ -		
9d	Freeway Classification (6L) *		\$ 1,507.00		\$ -	\$ 1,603.00		\$ -	\$ 1,771.00		\$ -		
			Total			\$ -	Total			\$ -	Total		\$ 7,764.00

Zone A: Orange, Seminole, Osceola
 Zone B: Volusia, Lake and North Brevard
 Zone C: Flagler, Marion, Sumter, and South Brevard

* Additional costs may be added for law enforcement assistance.
 Date: October 17, 2006

SUMMARY FEE PROPOSAL

PLANNING - FIELD OFFICE
SALARY - COST FEE COMPUTATIONS - OFF-CADO

State Project No.: N/A WPI No.: Project Desc.: Chester Road Feasibility Study
Name of Consultant: Passero Assoc. w/Olymbi & Assoc. Date: 04/2/09 FAP No.: n/a

ACTIVITY	Senior Specialist		Chief Engineer		Senior Engineer		Project Manager		Project Engineer		Engineer Intern		Sr. Eng. Technician		Senior Planner		Project Planner		Secretary/Clerical		ACTIVITY FEE	MAN-HRS BY ACTIVITY	HRLY RATE			
	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE						
		\$ 128.30		\$ 77.11		\$ 91.80		\$ 66.90		\$ 37.90		\$ 28.32		\$ 33.60		\$ 37.80		\$ 28.32		\$ 12.25						
Task 1: Existing Conditions																										
Task 1.1: Data Collection																										
Site Visit	0	\$ -	0	\$ -	6	\$ 510.60	0	\$ 471.20	0	\$ -	0	\$ -	6	\$ 202.08	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 984.08	20	49.204
Review Traffic Count Data	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	12	\$ 339.84	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 491.76	16	30.735
Obtain Signal Data	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	2	\$ 87.36	0	\$ -	0	\$ -	0	\$ -	0	\$ -	2	\$ 87.36	2	33.68
Task 1.2: Design Characteristics																										
Develop K,D,T Factors	0	\$ -	0	\$ -	1	\$ 51.80	0	\$ -	6	\$ 303.84	12	\$ 339.84	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 985.48	21	35.1181
Task 1.3: Design Traffic																										
Develop Existing AADT/ODHV	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	12	\$ 339.84	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 491.76	16	30.735
Develop Existing DHV	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	12	\$ 339.84	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 491.76	16	30.735
Task 1.4: Level of Service Analysis																										
Operational Analysis - Roadway Segments	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	8	\$ 226.56	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 378.48	12	31.84
Operational Analysis - Intersection	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	8	\$ 226.56	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 378.48	12	31.84
Task 1.6: Data Collection - Existing Physical and Environment																										
Document Physical & Environmental	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	12	\$ 404.16	0	\$ -	0	\$ -	0	\$ -	0	\$ -	12	\$ 404.16	12	33.68
Task 2: Future Conditions																										
Task 2.1: Data Collection																										
Review Relevant Project Data	0	\$ -	0	\$ -	2	\$ 103.60	1	\$ 68.90	2	\$ 76.80	2	\$ 59.84	2	\$ 87.36	0	\$ -	0	\$ -	0	\$ -	0	\$ -	8	\$ 382.48	8	40.2733
Task 2.2: Travel Demand Forecasts																										
Trend Analysis	0	\$ -	0	\$ -	0	\$ -	0	\$ -	1	\$ 37.90	6	\$ 169.92	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	1	\$ 207.80	7	29.7
Base Year Validation	0	\$ -	0	\$ -	0	\$ -	0	\$ -	2	\$ 76.80	4	\$ 113.28	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 188.24	6	51.54
Develop Build Alternative Networks	0	\$ -	0	\$ -	2	\$ 103.60	2	\$ 117.80	4	\$ 151.82	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 372.32	6	46.893
Future Year No-Build Forecasts	0	\$ -	0	\$ -	0	\$ -	0	\$ -	8	\$ 303.84	8	\$ 226.56	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	8	\$ 830.40	16	23.16
Future Year Build Forecasts	0	\$ -	0	\$ -	0	\$ -	0	\$ -	10	\$ 607.88	40	\$ 1,132.80	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	8	\$ 1,740.68	88	31.08
Task 2.3: Design Traffic Forecasts																										
Develop Operating, Interim, Design Year AADT/ODHV No-Build	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	8	\$ 226.56	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 378.48	12	31.84
Develop Operating, Interim, Design Year AADT/ODHV - Build	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 303.84	16	\$ 453.12	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 766.96	24	31.54
Develop Operating, Interim, Design Year DHV - No-Build	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	12	\$ 339.84	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 491.76	16	30.735
Develop Operating, Interim, Design Year DHV - Build	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 303.84	12	\$ 339.84	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	6	\$ 843.68	20	32.184
Alternatives Evaluation	0	\$ -	0	\$ -	1	\$ 51.80	4	\$ 235.80	8	\$ 227.88	12	\$ 339.84	8	\$ 268.44	0	\$ -	0	\$ -	0	\$ -	0	\$ -	3	\$ 1,124.88	31	98.2781
Task 2.4: Level of Service Analysis																										
Operational Analysis - Roadway Segments - No-Build	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 151.92	10	\$ 269.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 433.12	14	81.06

SUMMARY FEE PROPOSAL

PLANNING - FIELD OFFICE

SALARY - COST FEE COMPUTATIONS - OFF-CADD

State Project No.: WA WPI No.: Project Desc.: Chester Road Feasibility Study
 Name of Consultant: Passero Assoc. w/Chiyabi & Assoc. Date: 04/21/09 FAP No.: 216

ACTIVITY	Senior Specialist		Chief Engineer		Senior Engineer		Project Manager		Project Engineer		Engineer Intern		Sr. Eng. Technician		Senior Planner		Project Planner		Secretary/Clerk		ACTIVITY FEE	MANHRS BY ACTIVITY	HRLY RATE
	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE	MAN HOURS	HRLY RATE			
Operational Analysis - Roadway Segments- Budo	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 161.92	10	\$ 283.20	0	\$ -	0	\$ -	0	\$ -	0	\$ -	\$ 439.12	14	\$ 1.06
Operational Analysis - Intersection - No-Budo	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 161.92	10	\$ 452.12	0	\$ -	0	\$ -	0	\$ -	0	\$ -	\$ 614.04	20	\$ 30.252
Operational Analysis - Intersection - Budo	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4	\$ 161.92	16	\$ 453.12	0	\$ -	0	\$ -	0	\$ -	0	\$ -	\$ 615.04	20	\$ 30.252
Identify Roadway/Intersection Deficiencies	0	\$ -	0	\$ -	0	\$ -	2	\$ 117.80	0	\$ 303.84	4	\$ 113.28	4	\$ 134.72	0	\$ -	0	\$ -	0	\$ -	\$ 668.64	16	\$ 37.2022
Task 3: Project Feasibility/Recommendations																							
Project Feasibility Analysis	0	\$ -	0	\$ -	40	\$ 2,072.00	28	\$ 1,648.20	108	\$ 4,101.84	102	\$ 2,868.84	80	\$ 2,050.80	0	\$ -	0	\$ -	0	\$ -	\$ 12,742.48	338	\$ 37.6701
Task 4: Documentation																							
Draft Report	0	\$ -	0	\$ -	18	\$ 828.00	10	\$ 888.00	32	\$ 1,215.36	4	\$ 113.28	48	\$ 1,818.94	0	\$ -	0	\$ -	2	\$ 24.50	\$ 4,387.68	112	\$ 39.1788
Final Report	0	\$ -	0	\$ -	4	\$ 207.20	4	\$ 235.80	4	\$ 161.92	2	\$ 95.84	8	\$ 202.08	2	\$ 75.96	0	\$ -	1	\$ 12.28	\$ 641.85	23	\$ 40.9419
Task 6: QAVOC																							
Draft Report	0	\$ -	0	\$ -	18	\$ 828.00	0	\$ 471.20	4	\$ 161.92	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	\$ 1,461.92	28	\$ 1.6543
Final Report	0	\$ -	0	\$ -	2	\$ 109.60	2	\$ 117.80	1	\$ 37.88	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	\$ 368.28	5	\$ 1.678
Task 8: Project Coordination																							
Project Coordination / Meeting Attendance	0	\$ -	0	\$ -	24	\$ 1,243.20	30	\$ 1,787.00	0	\$ -	0	\$ -	10	\$ 520.00	0	\$ -	0	\$ -	0	\$ -	\$ 3,549.08	70	\$ 50.7011
TOTAL MANHOURS	0		0		114		99		204		348		104		2		0		8.0	\$ 37,354.61	894.00	\$ 37.46	