

Transmittal Number PT 04-071	Date November 2004
Publication Distribution To: All <i>Local Agency Guideline</i> holders	
Publication Title <i>Local Agency Guideline</i> -Revision 2004-2	Publication Number M 36-63
Originating Organization Washington State Department of Transportation, Highways and Local Programs Division through Engineering Publications	

Remarks: All LAG Manual and CD Holders:

To download the November 2004 LAG manual changes in their entirety electronically, go to:
<http://www.wsdot.wa.gov/TA/Operations/LAG/LAGHP.htm>

Summary of Changes:

Please Note: The following list is a brief overview of each revision. The actual revision should be reviewed in-depth to become completely knowledgeable of the revision.

Chapter 14, Section 14.2 Developing Projects Using the Local Agency Guidelines

Verbiage was added to clarify the requirements for utilizing FHWA funds. Formatting has been changed from 2 columns to 1 column for easier reading.

Chapter 26, Appendix 26.42 Disadvantaged Business Enterprise Utilization Certification

WSDOT Form 272-056A has been updated.

Instructions:

Page numbers and corresponding sheet-counts are given in the table below to indicate portions of the *Local Agency Guideline* that are to be removed and inserted to accomplish this revision.

Chapter	Remove		Insert	
	Pages	Sheets	Pages	Sheets
Contents	vii -xv	5	vii -xv	5
Chapter 14 Developing Projects Using the Local Agency Guidelines	4-1 – 4-4	2	4-1 – 4-6	3
Appendix 26.42 Disadvantaged Business Enterprise Utilization Certification	26-7-26-8	1	26-7-26-8	1

Distributed By Directional Documents and Engineering Publications	Phone Number (360) 705-7430 FAX: 705-6861	Signature <i>Stephanie Williams</i>
---	---	--

Contents

	Page	Revision Date
Foreword	i	Sept. 2002
Local Agency Guidelines Committee Members	ii	Sept. 2003
Local Agency Guidelines Committee Members E-mail Listing	iii	Feb. 2002
Comment Request Form	v	June 2000
Acronyms	1	March 2004
Guidelines Overview		
Chapter 11	Introduction	
	11-1	July 1999
	Purpose	
	11-1	July 1999
	Organization of the Manual	
	11-1	July 1999
	Updating Process	
	11-1	July 1999
Chapter 12	FHWA Funding Programs	
12.1	12-1	Feb. 2002
12.2	12-1	Feb. 2002
	12-2	Feb. 2002
	12-3	Feb. 2002
12.3	12-4	Dec. 2000
	12-5 to 7	Feb. 2002
	12-8	June 2000
12.4	12-9	Feb. 2002
	12-10	June 2000
	12-11	Dec. 2000
12.5	12-12	March 2004
12.6	12-12	March 2004
12.62	12-13	June 2000
12.63	12-14	March 2004
12.64	12-15	March 2004
12.65	12-16 to 19	March 2004
12.66	12-20	March 2004
12.67	12-21 and 22	Dec. 2000
12.68	12-23	Dec. 2000
Chapter 13	Becoming Certified to Administer FHWA Projects	
13.1	13-1	June 2000
13.2	13-1	June 2000
13.3	13-1	June 2000
13.4	13-1	June 2000
13.5	13-2	Dec. 2000
		March 2004
		July 1999

		Page	Revision Date
Chapter 14	Developing Projects Using the Local Agency Guidelines		
	14.1 General Discussion	14-1	Nov. 2004
	14.2 Project Development Process Overview	14-1	Nov. 2004
	14.3 Vacant	14-3	Nov. 2004
	14.4 Projects Within Interstate Rights-of-Way	14-3	Nov. 2004
	14.5 Project Development Process Flow Chart and Checklist	14-5	Nov. 2004
	14.6 Appendixes	14-5	Nov. 2004
	14.61 Project Development Process Flow Chart	14-5	July 1999
	14.62 Project Development Checklist	14-6 and 7	July 1999
		14-8	July 2001
		14-9	July 1999
		14-10 and 11	Sept. 2002
		14-12	July 2001
		14-13	July 1999
		14-14	March 2003
		14-15	Sept. 2003
		14-16 to 18	July 1999
		14-19	Sept. 2002
		14-20	July 1999

General Project Development

Chapter 21	The Project Prospectus		
	21.1 General Discussion	21-1	Sept. 2003
	21.2 Procedure for Submitting the Planning/TDM Application Package	21-1	Sept. 2003
	21.3 Procedure for Compiling the Project Application Package	21-1	Sept. 2003
	21.4 Appendixes	21-1	Sept. 2003
	21.41 Prospectus Submittal Checklist	21-3	Feb. 2002
	21.42 Instructions for Project Application Transmittal Items	21-4	Feb. 2002
		21-5	July 1999
	21.43 Instructions for Completing Project Prospectus	21-6	March 2004
		21-7	March 2004
		21-8 to 10	March 2004
	21.44 List of County Code Numbers and WSDOT Region Numbers	21-11	July 2001
	21.45 List of City Code Numbers	21-12 and 13	
		21-14	Sept. 2003
	21.46 List of Urban Area Numbers	21-15	July 1999
	21.47 Local Agency Federal Aid Project Prospectus	21-16 to 18	March 2003
	21.48 Puget Sound Legislative Districts	21-19	Sept. 2003
	21.49 Statewide Legislative Districts	21-20	Sept. 2003
	21.50 Washington State Congressional Districts	21-21	Sept. 2003
Chapter 22	The Local Agency Agreement		
	22.1 General Discussion	22-1	Dec. 2000
	22.2 Preparation Procedure	22-1	Dec. 2000
	22.3 Supplemental Agreement	22-1	Dec. 2000
	22.4 Appendixes	22-1	Dec. 2000
	22.41 Local Agency Agreement	22-3 to 6	March 2004
	22.42 Instructions for Preparing Local Agency Agreement	22-7 and 8	Feb. 2002
	22.43 Local Agency Supplemental Agreement	22-9	Dec. 2000
	22.44 Instructions for Preparing Supplemental Agreement	22-10	Dec. 2000
	22.45 Sample Withholding Resolution for Construction Financing Method B	22-11	July 1999

		Page	Revision Date
Chapter 23	Progress Billing (Reimbursement Costs)		
	23.1 General Discussion	23-1	Feb. 2002
	23.2 Billing Procedures for Local Agency Ad and Award and Agency Force Work	23-1	Feb. 2002
	23.3 Billing Procedures for State Ad and Award	23-1	Feb. 2002
	23.4 Number and Timing of Submittals	23-1	Feb. 2002
	23.5 Identification of Federal Aid Participating and Nonparticipating Charges	23-1 to 3	Feb. 2002
	23.6 Appendixes	23-3	Feb. 2002
	23.61 Sample Form PPC2, "Federal Aid Request for Payment"	23-5	Feb. 2002
	23.62 Instructions for Completing Form PPC2	23-6 and 7	Feb. 2002
Chapter 24	Environmental Processes		
	24.1 General Discussion	24-1	Feb. 2002
	24.2 Project Classification	24-2 and 3	Feb. 2002
		24-4 to 6	Feb. 2002
	24.3 Procedures for Class I Projects	24-7	June 2000
		24-8	July 1999
		24-9	Nov. 1999
		24-10	July 1999
		24-11	Nov. 1999
		24-12	June 2000
	24.4 Procedures for Class II Projects	24-13	Nov. 1999
	24.5 Procedures for Class III Projects	24-13	Nov. 1999
	24.6 Project Reevaluation	24-14	Nov. 1999
	24.7 Biological Assessments	24-15	Feb. 2002
		24-16	March 2003
		24-17 to 20	Nov. 1999
	24.8 Section 106 Process	24-21	August 2000
		24-22	March 2003
		24-23 and 24	March 2003
	24.9 Project Reviews	24-25	March 2003
	24.10 Appendixes	24-26	March 2003
	24.101 Instructions for Completing the Environmental Classification Summary	24-27 and 32	Sept. 2002
	24.102 Biological Assessment Coordination Process	24-33	Sept. 2002
	24.103 ESA Species Listings Requests — Agency Contacts	24-34	Sept. 2002
	24.104 ESA Species Listings Request Letter Template	24-35	Sept. 2002
	24.105 "No Effects" BA Letter Template	24-36	Sept. 2002
	24.106 "May Affects" BA Template	24-37 to 40	Sept. 2002
	24.107 7(d) Request Letter Template	24-41	Sept. 2002
	24.108 Definitions	24-42	Sept. 2002
	24.109 27 Tribes and Treaty Ceded Areas of Washington	24-43	Sept. 2002
	24.110 Local Agency Environmental Classification Summary	24-44 to 50	Sept. 2002
Chapter 25	Right-of-Way Procedures		
	25.01 General Discussion	25-1	Sept. 2002
	25.02 Right-of-Way Acquisition Procedures	25-2	Sept. 2002
	25.03 Voluntary Acquisition	25-2	Sept. 2002
	25.04 Funds for Right-of-Way	25-2	Sept. 2002
	25.05 Appraisal	25-3 and 4	Feb. 2002
	25.06 Title	25-5	Feb. 2002
	25.07 Negotiations	25-5	Feb. 2002
	25.08 Donated Property	25-6	Sept. 2002
	25.09 Administrative Settlements	25-6	Sept. 2002

		Page	Revision Date
25.10	Relocation	25-7	Sept. 2002
25.11	Right-of-Way Certification	25-7	Sept. 2002
25.12	Property Management	25-7	Sept. 2002
25.13	Document Retention	25-8	Sept. 2002
25.14	Appendixes	25-8	Sept. 2002
25.142	Right-of-Way Procedures	25-9 and 10	July 1999
25.143	Right-of-Way Project Funding Estimate Sample	25-11 to 12 25-13	July 1999 Feb. 2002
25.144	True Cost Estimate Sample	25-14 to 16	July 1999
25.145	Appraisal Report Forms (Sample)	25-17 and 18	July 1999
25.146	Appraisal Waiver Procedure (Sample)	25-19 to 22	July 1999
25.147	Review Appraiser Form (Sample)	25-23 and 24	July 1999
25.148	Donation Statements (Sample)	25-25 and 26	July 1999
25.149	Certification #1 (Sample) — All Right-of-Way Acquired	25-27	July 1999
25.150	Certification #2 (Sample) — Right to Occupy All Right-of-Way Acquired	25-28 and 29	July 1999
25.151	Certification #3 (Sample) — All Right-of-Way Not Acquired	25-30 and 31	July 1999
25.152	Coordinators Worksheets (Sample)	25-32 to 34	July 1999
25.153	Federal Aid Requirement Checklist	25-35 and 36	July 1999
25.154	Process Flow Chart	25-37	July 1999
25.155	Government Agreement for Aid	25-39 to 42	Sept. 2003
Chapter 26	Disadvantaged Business Enterprises		
26.1	General Discussion	26-1	March 2003
26.2	Procedures	26-1 to 4	March 2003
26.3	Consultant Agreement Goals	26-5	March 2003
26.4	Appendixes	26-5 and 6	March 2003
26.41	Quarterly Report of Amounts Credited as DBE Participation	26-7	Dec. 2000
26.42	Disadvantaged Business Enterprise Utilization Certification	26-8	Nov. 2004
Chapter 27	Equal Employment Opportunity and Training		
27.1	General Discussion	27-1	March 2004
27.2	Training	27-1	March 2004
27.3	Contract Administration	27-2	March 2004
27.4	Monitoring During Construction	27-2	March 2004
27.5	Compliance Review	27-3	March 2004
Special Project Development			
Chapter 31	Using Consultants		
31.1	General Discussion	31-1	Sept. 2003
31.2	Advertisement/Solicitation	31-1	Sept. 2003
31.3	Pre-Award Audits	31-2	Sept. 2003
31.4	Consultant Selection Process	31-2 to 5	Sept. 2003
31.5	Standard Agreement and Exhibits	31-5	Sept. 2003
31.6	Supplements to the Agreement	31-6	Sept. 2003
31.7	Oversight of the Agreement and Project Closure	31-6	Sept. 2002
31.8	Appendixes	31-7	Sept. 2003
31.81	Sample Advertisement	31-9 31-10	Nov. 1999 Feb. 2002
31.82	Sample Record of Negotiations	31-11	Nov. 1999
31.83	Information Required in Agreements for Non-CA Agencies	31-12	Nov. 1999

		Page	Revision Date
31.84	Sample Invoice Tracking Sheet	31-13	Nov. 1999
31.85	WSDOT Performance Evaluation Consultant Services	31-14	Nov. 1999
	Performance Evaluation Instructions	31-15	Nov. 1999
	Consultant Services Evaluation Supplement	31-16 to 19	Nov. 1999
31.86	Sample Personal Services Contract for Appraiser	31-20 to 22	Nov. 1999
31.87	Sample Consultant Agreement for Negotiation Services	31-23 to 30	Nov. 1999
31.88	Independent Estimate for Consulting Services	31-31	Dec. 2000
31.89	Local Agency Standard Consultant Agreement	31-32 to 39	Dec. 2000
	Exhibit A-1	31-40	Dec. 2000
	Exhibit A-2	31-41	Dec. 2000
	Exhibit A-3	31-42	Dec. 2000
	Exhibit A-4	31-43	Dec. 2000
	Exhibit B-1	31-44	Dec. 2000
	Exhibit B-2	31-45 and 46	Dec. 2000
	Exhibit C-1	31-47 and 48	Dec. 2000
	Exhibit C-2	31-49 to 51	Dec. 2000
	Exhibit C-3	31-52 and 53	Dec. 2000
	Exhibit C-4	31-54	Dec. 2000
		31-55	July 2001
	Exhibit C-5	31-56	Dec. 2000
	Exhibit D-1	31-57	Dec. 2000
	Exhibit D-2	31-58	Dec. 2000
	Exhibit E	31-59	Dec. 2000
	Exhibit F	31-60	Dec. 2000
	Exhibit G	31-61	Dec. 2000
	Exhibit G-1	31-62	Dec. 2000
	Exhibit G-2	31-63	Dec. 2000
	Exhibit H	31-64	Dec. 2000
31.90	Supplemental Agreement	31-65	Dec. 2000
31.91	Supplemental Signature Page for Standard Consultant Agreement	31-66	Dec. 2000
Chapter 32	Railroad/Highway Crossing Program		
32.1	General Discussion	32-1	Sept. 2002
32.2	Selection of Appropriate Warning Devices	32-1	Sept. 2002
32.3	Project Development Process	32-2	Feb. 2002
		32-3	Sept. 2002
32.4	Other Projects With Railroad Involvement	32-4	Sept. 2003
32.5	Appendixes	32-4	Sept. 2003
	32.51 Signal Design — Shoulder Section (Metric/English)	32-5	July 1999
	32.52 Signal Design — Curb Section (Metric/English)	32-7	July 1999
	32.53 Railroad/Highway Grade Crossing Protection Sight Distance Diagram and Gate Warrant Form (Metric/English)	32-9	July 1999
	32.54 Railroad Project Data Form	32-11	July 1999
	32.55 Washington State Short Line Contact List	32-12	Sept. 2003
	32.56 Sample Letter — Type 3 Party Agreement	32-13	July 1999
	32.57 Local Agency Railway Agreement	32-15 and 16	Dec. 2000
Chapter 33	Emergency Relief Program		
33.1	Steps Following a Disaster	33-1	Feb. 2002
33.2	FHWA's Emergency Relief Program Guidelines	33-2	Feb. 2002
33.3	Reimbursable Expenses	33-3 and 4	Feb. 2002
		33-5	July 1999
33.4	Types of Emergency Relief Work	33-6 to 9	July 1999
33.5	Contracts	33-9	July 1999

		Page	Revision Date
	33.6 Additional Project Requirements	33-9	July 1999
	33.7 Funding	33-10	July 1999
	33.8 FEMA Program Guidelines	33-10	July 1999
	33.9 Appendixes	33-11	Dec. 2000
	33.91 Local Agency Proclamation	33-13	July 1999
	33.92 Governor’s Proclamation	33-14	July 1999
	33.93 Local Agency Damage Inspection Report	33-15	Dec. 2000
Chapter 34	Bridge Selection and Scoping		
	34.1 General Discussion	34-1	Feb. 2002
	34.2 Bridge Replacement Committees	34-1	Feb. 2002
	34.3 Bridge Funding	34-1	Feb. 2002
		34-2	Feb. 2002
	34.4 Bridge Selection	34-3	June 2000
	34.5 Bridge Scoping	34-4	June 2000
	34.6 Appendixes	34-5	June 2000
	34.61 Sample C3R Review Form	34-7	Feb. 2002
	34.61A Criteria for Bridge Candidates	34-8	Feb. 2002
	34.61B Bridge Rehabilitation Criteria	34-9	June 2000
	34.62 BRAC Bridge Funding Questionnaire	34-10	June 2000
	34.63 Bridge Rehabilitation/Replacement Worksheet	34-11	June 2000
	34.64 Bridge Construction Costs	34-12	June 2000
Design			
Chapter 41	General		
	41.1 General Discussion	41-1	March 2004
	41.2 New Construction/Reconstruction Projects	41-1	March 2004
	41.3 3-R Projects (Resurfacing, Restoration, and Rehabilitation)	41-2	March 2004
	41.4 2-R Projects (Resurfacing and Restoration)	41-3	March 2004
	41.5 Low Volume Roads and Streets	41-3	March 2004
	41.6 Deviations	41-3	March 2004
	41.7 Appendixes	41-4	March 2004
	41.71 Safety Checklist — A Guideline for 2-R and 3-R Projects	41-5 and 6	July 1999
	41.72 Sample Deviation Analysis Format	41-7	June 2000
Chapter 42	Design Standards		
	42.1 General	42-1	March 2003
	42.2 City and County Design Standards	42-1	March 2003
	42.3 Appendixes	42-1	March 2003
	42.31 City and County Design Standards		
	Contents	i	March 2003
	Introduction	1 and 2	Sept. 2002
	Committee Membership	3	Sept. 2003
	Design Standards for New Construction and Reconstruction	5	Feb. 2002
	Roadway Geometrics	6	March 2003
	Bridge Criteria	7	Sept. 2003
	Other Criteria	7	March 2003
	Roadway Elements	8	July 1999
	Geometric Cross-Section for Two-Way Roads and Streets (English Units)	9	Sept. 2003
	Design Standards for 3-R Projects	10	March 2003
	Definitions	10	March 2003
	General Discussion	11	March 2003

		Page	Revision Date
	Design Standards for 2-R Projects	13	March 2003
	General	13	March 2003
	Design Parameters	13	March 2003
	References for New Construction and Reconstruction, 3-R, and 2-R Standards	15	March 2003
	Addresses to Acquire Reference Materials	16	March 2003
Chapter 43	Location and Design Approval		
	43.1 General Discussion	43-1	March 2003
	43.2 Requirements for Design Approval	43-1	March 2003
	43.3 Bridge Design Approval	43-1 and 43-2	March 2003
	43.4 Value Engineering	43-3 to 4	July 1999
	43.5 Additional Data Required for Special Projects	43-4	July 1999
	43.6 Design Approval Notices	43-4	July 1999
	43.7 Appendixes	43-4	July 1999
	43.71 Sample Request to Publish Notice of Design Approval	43-5	July 1999
	43.72 Sample FHWA Project Notice of Approval of Location and Design	43-6	July 1999
	43.73 Sample Format — VE Assessment Report	43-7	July 1999
Chapter 44	Plans, Specifications, and Estimates		
	44.1 General Discussion	44-1	March 2004
	44.2 PS&E Requirements	44-1	March 2004
	44.3 Documents Requiring Professional Stamps	44-3	March 2004
	44.4 Contract Plans	44-3	March 2004
	44.5 Specifications	44-3	March 2004
	44.6 Estimates	44-4	March 2004
	44.7 Appendixes	44-4	March 2004
	44.72 Sample Proposal	44-5 to 8	March 2004
	44.73 Sample Contract	44-9 and 10	Dec. 2000
	44.74 Sample City Letter of Financial Responsibility	44-11	Feb. 2002
	44.75 Sample County Letter of Financial Responsibility	44-12	Dec. 2000
	44.76 Sample Estimate and Grouping (Metric/English)	44-13 to 20	Dec. 2000
	44.77 Permits	44-21 to 23	Dec. 2000
	44.78 Local Agency Plans Preparation Checklist	44-24 to 27	Dec. 2000
	44.79 Subcontractor List	44-28	Dec. 2000
	44.80 Disadvantaged Business Enterprise Utilization Certification	44-29	Dec. 2000
Chapter 45	State Advertising and Award Procedures		
	45.1 General Discussion	45-1	Feb. 2002
	45.2 Submittals	45-1	Feb. 2002
	45.3 Procedures	45-1 and 2	Feb. 2002
Chapter 46	Local Advertising and Award Procedures		
	46.1 General Discussion	46-1	March 2004
	46.2 Procedures	46-1 and 2	March 2004
	46.3 Submittal of Award Data	46-3	March 2004
	46.4 Appendixes	46-3	March 2004
	46.41 Sample Request for Concurrence to Award	46-5	July 1999
	46.41a Sample Advertisement	46-6	March 2003
	46.42 Sample Condition of Award Letter (DBE Contract Goals)	46-7	Sept. 2003
	46.43 Sample Condition of Award Letter (DBE Prime Contractor)	44-8	Sept. 2003
	46.44 Sample Contract Bond	44-9	July 1999

		Page	Revision Date
Construction and Post-Construction			
Chapter 51	WSDOT Administered Projects		
	51.1 General Discussion	51-1	July 1999
	51.2 Preconstruction Conference	51-1	July 1999
	51.3 Changes and Extra Work	51-1	July 1999
Chapter 52	Local Administered Projects		
	52.1 General Discussion	52-1	March 2004
	52.2 Preconstruction Conference	52-1	March 2004
	52.3 Quality Control	52-1	March 2004
	52.4 Progress Payments	52-2	March 2004
	52.5 Changes and Extra Work	52-2	March 2004
	52.6 Termination of Contract	52-3	March 2004
	52.7 Compliance With Federal Contract Provisions	52-3	March 2004
	52.8 Physical Completion of Construction	52-3	March 2004
	52.9 Appendixes	52-4	March 2004
	52.91 Sample Preconstruction Conference Agenda	52-5	July 1999
	52.92 Sample Preconstruction Conference Minutes	52-7	July 1999
	52.93 Sample Letter Requesting WSDOT Project Inspection and Acceptance	52-8	July 1999
	52.94 Sample Materials Certification	52-9	March 2004
	52.95 Timeline for Construction Contracts	52-10	July 1999
	52.96 Weekly Statement of Working Days Sample Sheet	52-11	Dec. 2000
	52.97 Change Order	52-12	Dec. 2000
	52.98 Exceptions to the WSDOT Construction Manual	52-13 to 53-16	Sept. 2003
Chapter 53	Project Closure		
	53.1 General Discussion	53-1	Feb. 2002
	53.2 Closure	53-1	Feb. 2002
	53.3 Project Management Review	53-1	Feb. 2002
	53.4 Financial and Compliance Audit	53-2	Feb. 2002
	53.5 Appendixes	53-2	Feb. 2002
	53.51 Local Agency Documentation Review Checklist	53-3 to 6	March 2004
	53.52 Final Inspection of Federal Aid Project	53-7	Dec. 2000
	53.53 Quarterly Report of Amounts Credited as DBE Participation	53-9	Feb. 2002
Miscellaneous			
Chapter 61	Local Agency Force Projects		
	61.1 General Discussion	61-1	July 1999
	61.2 PS&E Requirements	61-1	July 1999
	61.3 PS&E Approval	61-1	July 1999
	61.4 Fund Authorization	61-1	July 1999
	61.5 Contract Number	61-1	July 1999
	61.6 Construction Administration	61-1	July 1999
	61.7 Project By One Agency for Another Agency	61-2	July 1999
	61.8 Appendixes	61-2	July 1999
	61.81 Sample Local Agency Force Preconstruction Conference	61-3	July 1999

		Page	Revision Date
Chapter 62	Enhancement Projects and Heritage Corridors Program		
	62.1 General Discussion	62-1	Dec. 2000
	62.2 Standards	62-2	Dec. 2000
	62.3 Special Requirements	62-2	Dec. 2000
	62.4 Eligible Projects	62-2	Dec. 2000
	62.5 Minimum Contents of Bid Package	62-3	Dec. 2000
	62.6 Project Closure Package	62-3	Dec. 2000
	62.7 Appendixes	62-3	Dec. 2000
	62.71 Enhancement and Scenic Standards	62-3	Dec. 2000
	62.8 References	62-3	Dec. 2000
Chapter 63	The National Highway System		
	63.1 General Discussion	63-1	March 2004
	63.2 Types of Eligible Projects	63-1	March 2004
	63.3 Standards	63-1	March 2004
	63.4 NHS Certification Acceptance	63-1	March 2004
	63.5 Projects Within Interstate Rights-of-Way	63-1	March 2004
	63.6 Project Approval Actions	63-2	March 2004
	63.7 NHS Components	63-2	March 2004
	63.8 Appendixes	63-2	March 2004
	63.81 List of Local Agency NHS Routes	63-3	March 2004
	63.82 Local Agency NHS Route Termini	63-4 and 5	July 2001
Chapter 64	Bridge Inspections		
	64.1 General Discussion	64-1	June 2000
	64.2 Qualifications/Training of Inspection Personnel	64-1	June 2000
	64.3 Records and File Requirements	64-1	June 2000
	64.4 Inspection Types and Frequencies	64-1	June 2000
	64.5 Bridge Load Ratings	64-1	June 2000
	64.6 Bridge Scour Analysis	64-1	June 2000
	64.7 Quality Assurance Reviews	64-1	June 2000
	64.8 Major Bridge Repair Reports	64-1	June 2000
	64.9 WSDOT and Other Inspection Services	64-1	June 2000
Chapter 65	Management Systems		
	65.1 General Discussion	65-1	July 1999
	65.2 Review of Maintenance	65-1	July 1999
	65.3 Management Systems	65-1	July 1999
		65-2	June 2000
		65-3 and 4	July 1999
List of Forms		1	July 2001
Acronyms and Glossary of Terms			
Acronyms		1 to 4	March 2004
Glossary of Terms		5	Feb. 2002
Index		1	June 2000

Chapter 14

14.1 General Discussion

The previous three parts of this manual explained how local agencies may qualify to receive Federal Highway Administration (FHWA) funding for their transportation projects. The remainder of the manual explains procedures for developing specific projects.

Once a local agency has qualified to receive FHWA funds, as described in Chapter 12, the next action is to apply for funds to develop specific projects in its transportation program. Depending on their size and complexity, different projects may require different development procedures. The remaining parts of the manual are arranged to reflect these differences.

The next part, "General Project Development," Chapters 21-27, describe activities required during preliminary engineering on all projects.

The part entitled "Special Project Development Processes," Chapters 31-34, describes activities that may be required on some projects.

The parts entitled "Design" and "Construction and Post Construction," Chapters 41-46 and 51-53, offer the local agency a choice of procedures, depending on whether its projects are located in urban or rural areas and whether it or the state will administer its construction contracts.

The part entitled "Miscellaneous," Chapters 61-65, describe the activities that are required on projects with an agency's own forces, for work on transportation enhancements, or work on the National Highway System (NHS).

The specific requirements for a project may change as project development progresses and as more information about a project becomes available. Further details of the specific requirements are shown in the Project Development Process Flow Chart and Checklist. The meanings of unfamiliar terms may be found in the Glossary. Once the local agency has identified the steps required on a particular project, only the parts in the manual that deal specifically with those steps need be referred to.

14.2 Project Development Process Overview

This section describes the project development process by setting forth project phases, documentation requirements, options for construction administration, and required reviews and approvals.

.21 Phases of Authorization. FHWA funds may be authorized for the following project phases:

- a. Preliminary engineering (Planning (STP and CM/AQ funds)).
- b. Right-of-way acquisition.
- c. Construction.

Phase Requirements When Utilizing FHWA Funds

Preliminary Engineering Phase: FHWA Funds in PE Phase Only. For FHWA funds to be used in the PE phase of the project, the environmental documentation including FHWA NEPA approval, must be completed. With no federal funds in the right of way or construction phases, the local agency must still follow federal environmental regulations and the Uniform Relocation Assistance and Real Property Acquisition Policies Act. A NEPA document must be approved by FHWA and all environmental commitments must be incorporated into the right of way and construction phases. Right of way must be acquired per the WSDOT right of way manual and acquisition may proceed during the PE Phase in accordance with the manual. Title 23 USC regulations, including Buy America and Davis-Bacon provisions, do not apply if no FHWA funds are used for construction. Any study projects are excluded from NEPA approval.

Right of Way Phase: FHWA Funds in Right of Way Phase. For FHWA funds to be used in the right of way phase of the project, the environmental documentation including FHWA NEPA approval, approved relocation plan (if applicable), Project Funding Estimate, approved right of way plan must be completed prior to FHWA R/W authorization. All property acquisitions and relocations must be completed prior to advertising the project. All environmental commitments must be incorporated into the R/W and construction phases. Title 23 USC regulations, including Buy America and Davis-Bacon provisions, do not apply if no FHWA funds are used for construction. The right of way must be certified by WSDOT prior to advertising the project, even if no federal funds are used in construction.

Construction Phase: FHWA Funds in Construction Phase. All federal laws are triggered with federal funds in the construction phase; examples include NEPA, Title 23 USC, Uniform Relocation Assistance and Real Property Acquisition Policies Act, Buy America, and Davis-Bacon. After approval of the NEPA document and right of way certification the construction phase can be authorized by FHWA. Once FHWA authorizes construction funding and DBE/training goals are set by H&LP, the local agency has authority to advertise the project.

Documentation Requirements when Utilizing FHWA Funds	PE Phase: FHWA Funds in PE Phase Only (1)	R/W Phase: FHWA Funds in the R/W Phase. (2)	CN Phase: FHWA Funds in the Construction Phase. (3)
Required Documentation			
STIP	x	x	x
Approved NEPA	x(4)	x(4)	x(4)
Approved Relocation Plan (if applicable)		x	
Project Funding Estimate		x	
Approved R/W Plan		x	
WSDOT Approved Right of Way Certification		x	x
DBE/Training Goals			x
Design per LAG Manual			x
Environmental per LAG Manual	x	x	x
R/W Acquisition per LAG Manual		x	x
Construction per LAG Manual			x

- (1) Local Agency must provide documentation after completion of the PE phase that the project has been or will be constructed with non-FHWA funds.
- (2) Local Agency must provide documentation after completion of the PE and R/W phases that the project has been or will be constructed with non-federal funds.
- (3) Local Agency must provide documentation after completion of the CN phase as documented in the LAG manual.
- (4) Any environmental commitments must be incorporated into the R/W and /or CN phases.

.22 Documentation Required for Authorization of Funds.

a. Planning With STP Funds. “Urban Transportation Planning” is an interdisciplinary process for developing and monitoring long- and short-range transportation plans and improvement programs. These plans and programs are formulated with due consideration of present and anticipated future social, economic, and environmental factors and the safety and mobility needs of the population of the urban area. It is a dynamic process, in that it is continuously monitored to accommodate changes of land use, economic conditions and other factors influencing travel patterns. Because of the vast amount of capital expenditures required in the implementation of transportation systems (both highway and transit related), these projects could radically influence land use development in an area or region. Due to the substantial influences that transportation improvements have on the character of the land, it is important that transportation improvements reflect the overall regional social and economic objectives pertaining to community development.

FHWA funded planning activities and studies are identified in Title 23, Part 420 USC, as activities not included in a work program but necessary in development of procedures and project identification.

For planning and Transportation Demand Management (TDM) funding, the following documents are required:

1. Project prospectus for planning projects
2. Local Agency Agreement.
3. Evidence of STIP inclusion.

b. Preliminary Engineering Funds. When applying for preliminary engineering funds only, the following documents are required:

1. Project Prospectus (Chapter 21).
2. Local Agency Agreement (Chapter 22).
3. Typical sections, vicinity map, and evidence of STIP inclusion.

- c. Right-of-Way Funds. When applying for right-of-way funds, after preliminary engineering funds have developed right-of-way plans, the following documents are required, if appropriate:
 - 1. Supplement to original Local Agency Agreement (Chapter 22).
 - 2. FHWA approval of environmental documents (Chapter 24).
 - 3. Relocation plan, if relocation is required (Chapter 25).
 - 4. Right-of-way plan (Chapter 25).
 - 5. Right-of-way Project Funding Estimate or True-Cost estimate (Chapter 25).
 - 6. Evidence of STIP inclusion.
- d. Construction Funds. The following documents must be submitted to request construction funds:
 - 1. Supplement to Local Agency Agreement.
 - 2. Right-of-way certification (if required).
 - 3. Final FHWA approval of environmental documents (Chapter 24).
 - 4. Evidence of STIP inclusion.
- e. Combined Preliminary Engineering and Construction Funds (no right-of-way acquired). When applying for preliminary engineering and construction funds simultaneously, the following documents are required:
 - 1. Project Prospectus.
 - 2. Local Agency Agreement.
 - 3. Final FHWA approval of environmental documents (Chapter 24).
 - 4. Typical sections, vicinity map, and evidence of STIP inclusion.

.23 Construction Contract Administration. The local agency has the option of:

- a. Administering the contract if it has approved certification acceptance procedures and operates in compliance with Chapter 13.
- b. Requesting that WSDOT administer the contract.
- c. Using its own forces to perform the work if operating under Certification Acceptance (CA) (Chapter 61).
- d. Requesting that another public agency (one operating under CA) perform the work (Chapter 13).
- e. Performing contract administration by a consultant (Chapter 31 under CA).
- f. Referring to Chapter 62 for administering enhancement projects.

24 Reviews and Approvals. The chart below shows required approvals for NHS and non-NHS projects using local CA or non-CA agencies. These actions apply to the NHS and non-NHS, regardless of project funding source. New/ reconstruction (N/R) includes HOV, park and ride, and PCC pavement rehabilitation projects.

Action	Local non-NHS	Local non-CA non-NHS	LA NHS
a. PE Fund Auth. and Modif./Supp.	F	F	F
b. Exceptions to Design Stan.	S	S	S
c. Design App. (inc. prelim. and adv. detail br. plan app.)	L	S	S
d. Experimental Work Plans	F	F	F
e. PS&E Approval	L	S	S
f. State furnished mat., cost-effective termination	L	S	S
g. Prop item, pub. int. find.	L	S	S
h. Concurrence in Award	L	S	S
i. Buy America Exemption	F	F	F
j. Tied Bids	L	L	L
k. State Forces Work	S	S	S

F = FHWA

S = State

L = Local CA Agency

When the local agency is the approving authority for any phase of work, it must operate within the *Local Agency Guidelines* and all applicable federal, state, and local laws and regulations. As outlined in Chapter 13, WSDOT will monitor the agency's procedures. WSDOT or another CA agency is the approval authority when the local agency is not certified.

14.3 Vacant

14.4 Projects Within Interstate Rights-of-Way

Since all projects within the Interstate rights-of-way (R/W) have the potential to impact safety and operations on the Interstate route, they must incorporate Interstate design criteria and construction quality. It is the Federal Highway Administration's (FHWA) policy that all projects within the Interstate R/W should be administered by WSDOT. However, given the scope and extent of non-Interstate projects within the Interstate R/W, it is recognized that local agency administration of some projects may be acceptable, and all requests will be considered on a case-by-case basis.

Whenever a local agency proposes a project within the Interstate R/W, they must develop an agreement with WSDOT that clearly outlines their duties and responsibilities to maintain the integrity of the Interstate facility, from both the safety and quality perspectives. The agreement should be executed prior to design approval and must be executed prior to advertising for bids. The following requirements must be incorporated into the agreement:

Responsibilities: WSDOT and the local agency must each assign a project engineer.

Design: WSDOT must review and approve all highway plans, profiles, deviations, structural plans, false-work plans, shoring plans, and traffic control plans for any work within the Interstate R/W.

Plans, Specifications, and Estimates: WSDOT must review and approve the plans and specifications for any work within Interstate R/W.

Advertising and Award: The local agency must confer with the WSDOT project engineer on any pre-award issues affecting the quality and timing of the contract.

Construction: All construction, materials, and quality control requirements contained in the current editions of the WSDOT *Standard Specifications* and *Construction Manual* must be incorporated into the agreement.

Contract Changes: All contract changes affecting work within the Interstate R/W must have the prior concurrence of the WSDOT project engineer.

Final Inspection: The final inspection of the project must be performed by WSDOT Olympia Service Center or the Region Construction (Operations) Engineer and must evidence their approval.

Only local agencies with full certification acceptance authority may enter into such an agreement with the WSDOT.

The agreement must be submitted to FHWA. FHWA reserves the right to assume full oversight of the project.

14.5 Project Development Process Flow Chart and Checklist

The flow chart (see Appendix 14.61) and checklist (see Appendix 14.62) depict the sequence of major activities necessary to develop transportation projects using FHWA funds. The forms required for a project are shown on the list of forms. Since the type of work varies on projects, see the WSDOT *Construction Manual*, Chapter 11, “Forms,” for additional required forms.

It is recommended that a copy of the checklist be inserted in the project file and used to initiate and document the activities necessary to complete a project.

14.6 Appendixes

14.61 Project Development Process Flow Chart

14.62 Project Development Checklist

Quarterly Report of Amounts Credited as DBE Participation



Quarterly Report of Amounts Credited as DBE Participation

Quarter (1st, 2nd, 3rd, 4th) or Final _____ of Year _____		State Contract Number	
		Federal Employer I.D. Number	
Contractor _____			
DBE Participant Name and Federal Employer I.D. Number	Contract Type	Date of Payment	*Dollar Credit Amount
Contract Type: S = Subcontractor A = Agent M = Manufacturer R = Regular Dealer J = Joint Venture V = Service Provider			
<p>I, the undersigned, do hereby certify that in connection with all work on the project for which this statement is submitted, each DBE participant contracted by me has been paid on the dates shown. *Further, I certify that the amounts shown under " Dollar Credit Amount" are in accordance with the DBE Eligibility portion of the DBE Special Provision.</p> <p>Signature _____ Title _____</p>			

This form is due on the 20th of the month following the end of the respective Quarter (April, July, October, January). This form replaces "Affidavit of Amounts Paid MBE/WBE Participants" (DOT Form 421-023)

DOT Form 422-102 EF
3/00

Disadvantaged Business Enterprises Utilization Certification



**Washington State
Department of Transportation**

Disadvantaged Business Enterprise Utilization Certification

To be eligible for award of this contract the bidder must fill out and submit, as part of its bid proposal, the following Disadvantaged Business Enterprise Utilization Certification relating to Disadvantaged Business Enterprise (DBE) requirements. The Contracting Agency shall consider as non-responsive and shall reject any bid proposal that does not contain a DBE Certification which properly demonstrates that the bidder will meet the DBE participation requirements in one of the manners provided for in the proposed contract. The successful bidder's DBE Certification shall be deemed a part of the resulting contract. Information on certified firms is available from OMWBE, telephone 360-753-9693.

_____ Name of Bidder certifies that the Disadvantaged Business Enterprise

(DBE) Firms listed below have been contacted regarding participation on this project. If this bidder is successful on this project and is awarded the contract, it shall assure that subcontracts or supply agreements are executed with those firms where an "Amount to be Applied Towards Goal" is listed. (If necessary, use additional sheet.)

Name of DBE Certificate Number	Project Role * (Prime, Joint Venture, Subcontractor, Manufacturer, Regular Dealer, Service Provider)	Description of Work	Amount to be Applied Towards Goal **
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Disadvantaged Business Enterprise Subcontracting Goal: _____ DBE Total \$ _____ ***

* Regular Dealer status must be approved by the Office of Equal Opportunity, Wash. State Dept. of Transportation, on each contract.
 ** See the section "Counting DBE Participation Toward Meeting the Goal" in the Contract Document.
 *** The Contracting Agency will utilize this amount to determine whether or not the bidder has met the goal or the average goal attainment of all bidders. In the event of an arithmetic difference between this total and the sum of the individual amounts listed above, then the sum of the amounts listed shall prevail and the total will be revised accordingly.