

# **Local Technical Assistance Program of Arizona**

*Your Technology  
Transfer Program!*



# THE AZ LTAP MISSION

TO FOSTER A SAFE, EFFICIENT, AND ENVIRONMENTALLY SOUND TRANSPORTATION SYSTEM BY IMPROVING SKILLS AND KNOWLEDGE OF TRANSPORTATION PROVIDERS THROUGH TRAINING, TECHNICAL ASSISTANCE AND TECHNOLOGY TRANSFER.

# AZ LTAP VISION

TO BE RECOGNIZED AS A PREMIER RESOURCE IN DEVELOPING AND TRANSFERRING INNOVATIVE TECHNOLOGIES, PROVEN SOLUTIONS AND RELIABLE SERVICES TO SUCCESSFULLY MEET THE EVOLVING EDUCATIONAL AND TRAINING NEEDS OF THE TRANSPORTATION COMMUNITY WITHIN ARIZONA.

AZ LTAP WILL ACTUALIZE ITS VISION AND ACCOMPLISH ITS MISSION BY PAYING PERSONAL ATTENTION TO CUSTOMER NEEDS.





## ARIZONA LOCAL TECHNICAL ASSISTANCE PROGRAM

THE ARIZONA LOCAL TECHNICAL ASSISTANCE PROGRAM (AZ LTAP) EXISTS TO HELP LOCAL AGENCIES USE EXISTING RESOURCES MORE EFFICIENTLY AND TO COPE WITH TRANSPORTATION PROBLEMS BY INCREASING THEIR EXPERTISE THROUGH TECHNICAL AND MANAGEMENT MATERIALS, TRAINING, AND ADVICE.

THE AZ LTAP BRINGS TOGETHER GOVERNMENTAL, ACADEMIC AND PRIVATE RESOURCES AND INFORMATION TO ENSURE A SAFE, EFFECTIVE AND EFFICIENT TRANSPORTATION SYSTEM IN THE STATE OF ARIZONA. BY DELIVERING NEW CONCEPTS AND IDEAS, TRAINING, TECHNICAL ASSISTANCE AND BY DISSEMINATING RESEARCH RESULTS AND NEW TECHNOLOGIES FOR BOTH TRANSPORTATION PROVIDERS AND USERS, THE AZ LTAP IS PAVING THE WAY AS A LEADER IN TRANSPORTATION INFORMATION EXCHANGE.



IF TECHNOLOGY IS TO BE EFFECTIVE IT MUST BE SHARED, UNDERSTOOD AND USED. AZ LTAP IS A VEHICLE FOR MOVING INNOVATIVE TECHNOLOGY TO THE LOCAL TRANSPORTATION COMMUNITY. IT IS THE PRIMARY SOURCE WITHIN ARIZONA FOR A WIDE RANGE OF USEFUL IDEAS, TRAINING STRATEGIES AND SOLUTIONS. THE AZ LTAP BRINGS TECHNOLOGY TRANSFER SERVICES, PRODUCT EVALUATION AND EDUCATIONAL RESOURCES TO THE LOCAL LEVEL.



# SERVICES

## TECHNICAL TRAINING

ONE OF THE CORE FUNCTIONS OF THE LTAP PROGRAM IS TO PROVIDE TECHNICAL TRAINING FOR THE LOCAL COMMUNITIES. WHEN LTAP WAS FIRST FORMED IN 1981, IT WAS RECOGNIZED THAT TECHNICAL TRAINING WAS PROBABLY THE HIGHEST NEED OF THE TRANSPORTATION COMMUNITY. LTAP PROVIDES A DEDICATED SERVICE TO ACCOMPLISHING TECHNOLOGY TRANSFER AND MAKING SURE TO KEEP ABREAST OF CURRENT RESEARCH TRANSPORTATION KNOWLEDGE. THIS IS MISSION CRITICAL FOR LTAP.

## TECHNICAL TRANSFER

TECHNOLOGY TRANSFER CAN BE VIEWED AS ANY PROCESS BY WHICH EXISTING RESEARCH KNOWLEDGE OR NEW TECHNOLOGY IS TRANSFERRED INTO USUAL PROCESSES, PRODUCTS OR PROGRAMS.

EFFECTIVE TECHNOLOGY TRANSFER IS NECESSARY TO COMPETE IN TODAY'S EVER-CHANGING WORLD. IT HAS BEEN REPORTED THAT 90% OF WHAT IS IN PRINT TODAY HAS BEEN PRODUCED IN THE LAST 30 YEARS. SIMILARLY, THE INFORMATION EXPLOSION CREATED BY TOOLS LIKE THE INTERNET IS CHANGING NOT ONLY HOW WE DO BUSINESS, BUT PERHAPS EVEN THE WAY WE LIVE.

## LIBRARY

THE AZ LTAP MAINTAINS A VIDEO AND PUBLICATION LIBRARY. TOPICS RANGE FROM SAFETY ISSUES, PREVENTATIVE METHODS, TO NEW TECHNOLOGY. THE CENTER LOANS ANY OF THE VIDEOS LISTED IN THE LIBRARY CATALOG; AND AVAILABLE PUBLICATIONS ARE LISTED PERIODICALLY IN THE QUARTERLY NEWSLETTER AND BI-MONTHLY COURSE SCHEDULES.

TAPPING IN!, THE COURSE ANNOUNCEMENT FLYER AND OTHER RELEVANT MATERIAL WILL BE DISTRIBUTED ON A BI-MONTHLY BASIS TO KEEP CUSTOMERS AWARE OF UPCOMING TRAINING IN THEIR LOCATION.

## TECHNICAL ASSISTANCE

ONE OF THE AZ LTAP GOALS IS TO PROVIDE LOCAL TRANSPORTATION AGENCIES AND PUBLIC WORKS OFFICIALS WITH TECHNICAL ASSISTANCE SUCH AS ADVICE, GUIDANCE, AND REFERRAL SERVICES. TECHNICAL ASSISTANCE IS OFTEN PROVIDED IN AREAS SUCH AS ROAD CONSTRUCTION, MAINTENANCE, AND ADMINISTRATIVE ISSUES. THIS SERVICE IS NOT INTENDED TO SUPPLANT OR COMPETE WITH TRADITIONAL ENGINEERING OR CONSULTING SERVICES, BUT RATHER TO AUGMENT THEM. TYPICALLY, THESE KINDS OF ISSUES ARE PROJECT RELATED BUT IN THE CASE OF NEW PRODUCT EVALUATION, FOR EXAMPLE THEY COULD REPRESENT AN ONGOING OR CONTINUOUS NEED.



## NEWSLETTER

THE NEWSLETTER, CALLED THE ARIZONA MILEPOST, CONSISTS OF 8 PAGES AND IS DISTRIBUTED IN EACH OF THE 4 SEASONS. EACH NEWSLETTER WILL HAVE A SPECIFIC FOCUS SUCH AS DUST CONTROL IN THE SUMMER ISSUE OR SNOW AND ICE CONTROL IN THE FALL ISSUE. SAFETY WILL BE A CONTINUOUS FOCUS FOR AZ LTAP AND IN THE ARIZONA MILEPOST. SELECTED ADDITIONAL INFORMATION WILL ALSO BE PROVIDED TO MAKE THE NEWSLETTER BOTH INFORMATIVE AND ENTERTAINING.

## SPECIAL PROGRAMS

### HEAVY EQUIPMENT PROGRAM

THE AZ LTAP HAS DESIGNED A HEAVY EQUIPMENT TRAINING AND CERTIFICATION PROGRAM. A FULL-TIME HEAVY EQUIPMENT TRAINER IS DEDICATED TO THE DELIVERY OF THIS COMPREHENSIVE PROGRAM.

THE HEAVY EQUIPMENT PROGRAM CONSISTS OF CERTIFICATION ON MOTORGRADER I AND II, BACKHOE I AND II, BULLDOZER I AND II, AND FRONT END LOADER I AND II. EACH PIECE OF EQUIPMENT IS TRAINED FOR 30 HOURS A WEEK (3 OR 4 DAYS), WITH 3 PARTICIPANTS PER PIECE OF EQUIPMENT. THE AZ LTAP REQUIRES 9 PARTICIPANTS MINIMUM PER CLASS AND MAXIMUM 15 PARTICIPANTS.

### ROADS SCHOLAR PROGRAM

THE AZ LTAP ROAD SCHOLAR PROGRAM PROVIDES MULTIPLE LEVELS OF TRAINING ON MAINTAINING LOCAL STREETS AND ROADS. THE PROGRAM PROVIDES AN OPPORTUNITY FOR MUNICIPAL EMPLOYEES TO BE TRAINED BY AZ LTAP IN THE LATEST TECHNOLOGIES AND INNOVATIONS THROUGH A SERIES OF TRAINING SESSIONS CONDUCTED AT CONVENIENT LOCATIONS THROUGHOUT ARIZONA. THIS TRAINING IS AN INVALUABLE RESOURCE, PROVIDING QUALITY TRAINING AT A PRICE THAT IS AFFORDABLE TO COUNTIES AND MUNICIPALITIES. EXCLUDING THE \$10 CERTIFICATION FEE FOR FIRST AID/CPR, ALL ROAD SCHOLAR COURSES ARE FREE FOR CONTRIBUTING LOCAL GOVERNMENTS.

**THE ROAD SCHOLAR PROGRAM OFFERS 3 LEVELS OF TRAINING. SEE BACK PANEL FOR DESCRIPTIONS.**



## ROAD SCHOLAR PROGRAM LEVEL DESCRIPTIONS



### LEVEL I ROAD SCHOLAR

AIMED AT ENTRY-LEVEL TRANSPORTATION EMPLOYEES, THOSE WITH NO OR LIMITED EXPERIENCE, (UP TO 5 YEARS EXPERIENCE IN THE TRANSPORTATION FIELD). ROAD SCHOLAR (RS) LVL I TRAINING ANSWERS MUNICIPALITIES<sup>1</sup> NEEDS TO KEEP ROADWAYS SAFER AND PROPERLY MAINTAINED AT A LOWER COST.

TOTAL ROAD SCHOLAR I TRAINING HOURS 80



### LEVEL II ROAD SCHOLAR

AIMED AT EMPLOYEES WORKING WITHIN TRANSPORTATION INDUSTRY, MOTIVATED TO ADVANCE THEIR KNOWLEDGE, SKILLS AND ABILITIES TO EXCEL THEIR CAREER. RS LEVEL II TRAINING IS IN THE BEGINNING SUPERVISORY LEVEL AND MANAGEMENT COURSE WORK (UP TO 10 YEARS OF FIELD EXPERIENCE). RS LVL II COURSES PROVIDE TRAINING FOR FOREMEN AND CREW LEADERS.

TOTAL ROAD SCHOLAR II TRAINING HOURS 72



### LEVEL III ROAD SCHOLAR

AIMED AT EMPLOYEES WITHIN THE TRANSPORTATION INDUSTRY WORKING IN SUPERVISORY LEVEL AND MANAGEMENT POSITIONS (TRADITIONALLY UP TO 15 YEARS OR MORE OF EXPERIENCE). RS LVL III COURSES PROVIDE TRAINING FOR ELECTED MUNICIPAL OFFICIALS IN TOPICS SUCH AS PLANNING, SUPERVISING, POLICY MAKING AND MANAGING.

TOTAL ROAD SCHOLAR III TRAINING HOURS 64

### RECOGNITION

THE SUCCESSFUL COMPLETION OF THE PROGRAM LEADS TO THE ROAD SCHOLAR DESIGNATION, CERTIFICATE, AN AWARD AND THE STUDENT'S SUPERVISOR IS NOTIFIED IN WRITING ABOUT THE STUDENTS<sup>1</sup> ACHIEVEMENT.

ARIZONA LOCAL TECHNICAL ASSISTANCE PROGRAM  
1130 N 22ND AVE  
PHOENIX, AZ 85009  
602-712-8461  
WEB: WWW.AZLTAP.ORG