

APPENDIX P

TECHNICAL TRAINING PROGRAM INFORMATION

**SPR 3550 Technical Training Program Information  
101011**

<b>Unit/Technical Training Program</b>	<b>Delivery Type</b>	<b>Provider</b>	<b>Frequency</b>	<b>Contact Information</b>
<b>TRAFFIC</b> IMSA Level 1		International Municipal Signal Association		See IMSA in resources table
<b>TRAFFIC</b> IMSA Level 2		International Municipal Signal Association		See IMSA in resources table
<b>TRAFFIC</b> IMSA Level 3		International Municipal Signal Association		See IMSA in resources table
<b>TRAFFIC</b> IMSA Workzone		International Municipal Signal Association		See IMSA in resources table
<b>CONSTRUCTION</b> <b>Crawfordsville</b> Erosion Control	Instructor-led	National Highway Institute	As requested by INDOT	Joseph Novak <a href="mailto:inovak@indot.in.gov">inovak@indot.in.gov</a> 765-361-5214
<b>CONSTRUCTION</b> <b>Crawfordsville</b> Bridge Construction	Instructor-led	Construction staff	Every 3 years for new Construction employees (except Engineers)	Joseph Novak <a href="mailto:inovak@indot.in.gov">inovak@indot.in.gov</a> 765-361-5214
<b>CONSTRUCTION</b> <b>Greenfield</b> CON 101	Classroom	INDOT Construction	Every 3 years	Roland Fegan <a href="mailto:rfegan@indot.in.gov">rfegan@indot.in.gov</a> 317-467-3449
<b>CONSTRUCTION</b>	Classroom	INDOT	Every 3 years	Roland Fegan

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<b>Greenfield</b> CON 102		Construction		<a href="mailto:rfegan@indot.in.gov">rfegan@indot.in.gov</a> 317-467-3449
<b>CONSTRUCTION</b> <b>Greenfield</b> CON 103	Classroom	INDOT Construction	Every 3 years	Roland Fegan <a href="mailto:rfegan@indot.in.gov">rfegan@indot.in.gov</a> 317-467-3449
<b>CONSTRUCTION</b> <b>LaPorte</b> PCCP		Portland Cement Association and Prestressed Concrete Institute		See PCA and PCI in resources table
<b>CONSTRUCTION</b> <b>LaPorte</b> IMSA		International Municipal Signal Association		See IMSA in resources table
<b>CONSTRUCTION</b> <b>LaPorte</b> Project Supervisors and Project Engineers				Greg Pankow (Construction Management) <a href="mailto:gpankow@indot.in.gov">gpankow@indot.in.gov</a> 317-232-5502
<b>CONSTRUCTION</b> <b>LaPorte</b> Site Manager	Classroom with live instructor	District	Monthly/as needed	Brad Minnick <a href="mailto:bminnick@indot.in.gov">bminnick@indot.in.gov</a> 219-325-7547
<b>DESIGN</b> <b>Crawfordsville</b> Roundabout Workshop	Classroom with live instructor	Purdue University	One time	Thomas M. Brennan, Jr. <a href="mailto:tmbrenna@purdue.edu">tmbrenna@purdue.edu</a> 765-494-9601
<b>DESIGN</b>	Classroom with live	Federal Highway	One time	Patrick Gomez

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<b>Crawfordsville</b> Designing Pedestrian Facilities for Accessibility	instructor			<a href="mailto:patrick.gomez@dot.gov">patrick.gomez@dot.gov</a> 708-283-3601
<b>DESIGN</b> <b>Fort Wayne</b> MUTCD		National Transportation Training Resources		See NTTR in resources table
<b>DESIGN</b> <b>Greenfield</b> Surface treatment, Microsurfacing, HMA 4.75, ultrathin		National Center for Pavement Preservation		See NCPP website
<b>DESIGN</b> <b>Greenfield</b> MEPDG design		National Transportation Training Resources		See NTTR in resources table
<b>DESIGN</b> <b>LaPorte</b> InRoads software	Web	Bentley	User paced	<a href="http://lms.bentley.com/globalelearning/DesktopDefault.aspx?tabindex=2&amp;tabid=226">http://lms.bentley.com/globalelearning/DesktopDefault.aspx?tabindex=2&amp;tabid=226</a> [NOTE: Originally done by INDOT in-house but no longer offered except by web.]
<b>DESIGN</b> <b>LaPorte</b> Microstation	Web	Bentley	User paced	<a href="http://lms.bentley.com/globalelearning/DesktopDefault.aspx?tabindex=2&amp;tabid=226">http://lms.bentley.com/globalelearning/DesktopDefault.aspx?tabindex=2&amp;tabid=226</a> [NOTE: Originally done by INDOT in-house but no longer offered except by web.]
<b>DESIGN</b>	Classroom	INDOT Environmental,	Yearly	Laura Hilden

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<b>LaPorte</b> NEPA		IDEM and consultant		<a href="mailto:lhilden@indot.in.gov">lhilden@indot.in.gov</a> 317-232-5018 [NOTE: also listed under “Environmental Services” for Laura Hilden.]
<b>DESIGN</b> <b>LaPorte</b> NHI Erosion and Sediment Control Design and Implementation	Classroom	National Highway Institute	Scheduled	<a href="http://www.nhi.fhwa.dot.gov/training/course_detail.aspx?num=FWA-NHI-142054&amp;cat=&amp;key=sediment%20control&amp;num=142054&amp;loc=&amp;sta=%25&amp;typ=&amp;ava=&amp;str=&amp;end=&amp;tit=&amp;lev=&amp;dirl=">www.nhi.fhwa.dot.gov/training/course_detail.aspx?num=FWA-NHI-142054&amp;cat=&amp;key=sediment%20control&amp;num=142054&amp;loc=&amp;sta=%25&amp;typ=&amp;ava=&amp;str=&amp;end=&amp;tit=&amp;lev=&amp;dirl=</a> [NOTE: NHI Course Number is FWA-NHI-142054]
<b>DESIGN</b> <b>LaPorte</b> GPS	Web	Trimble Business Center (multiple related free courses)	User paced	<a href="http://www.trimblelms.com/tr_open_main_main.asp">www.trimblelms.com/tr_open_main_main.asp</a>
<b>DESIGN</b> <b>LaPorte</b> ArcGIS	Web	ESRI (multiple related free courses)	User paced	<a href="http://training.esri.com/gateway/index.cfm?fa=search.results&amp;cannedsearch=2">http://training.esri.com/gateway/index.cfm?fa=search.results&amp;cannedsearch=2</a> [NOTE: Basic courses are online, advanced courses are classroom.]
<b>DESIGN</b> <b>Vincennes</b> NHI Hot Mix Asphalt pavement Evaluation and Rehabilitation (131063)		National Highway Institute		See NHI in resources table

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<b>DESIGN</b> <b>Vincennes</b> Slurry seal and microsurfacing		National Center for Pavement Preservation		See NCPP website
<b>TECHNICAL SERVICES</b> Impact Attenuator and Guardrail End Treatment Certification	Classroom/Workshop	Manufacturers of specific units with coordination by Central Office Technical Services and Employee Development	Every 2 years	Technical Services: Peter Carleton <a href="mailto:pcarleton@indot.in.gov">pcarleton@indot.in.gov</a> 317-233-1165 Employee Development: Daryl Mickens <a href="mailto:dmickens@indot.in.gov">dmickens@indot.in.gov</a> 317-232-5045
<b>TECHNICAL SERVICES</b> Retroreflectometer Operator Certification	Classroom	Manufacturer's representatives with coordination by Central Office Technical Services	Every 2 years	Ting Nahrwold <a href="mailto:tnahrwold@indot.in.gov">tnahrwold@indot.in.gov</a> 317-234-7225
<b>TECHNICAL SERVICES</b> <b>Fort Wayne</b> Design and Implementation of Erosion and Sediment Control	Classroom with live instructor	National Highway Institute Course #142054	One time training	See NHI in resources table
<b>TECHNICAL SERVICES</b>	CD-ROM self-directed course	Available at District	As needed	Ben Shaffer <a href="mailto:bshaffer@indot.in.gov">bshaffer@indot.in.gov</a>

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<b>Fort Wayne</b> Road and Bridge Plan Reading				260-969-8229
<b>TECHNICAL SERVICES</b> <b>Fort Wayne</b> Federal Wetland/Waters Regulatory Policy Course	Classroom with live instructor	Wetland Training Institute	One time training	877-792-6482 OR www.wetlandtraining.com
<b>TECHNICAL SERVICES</b> <b>Fort Wayne</b> Alternative Intersections and Interchanges	Classroom with live instructor	National Highway Institute Course #380109	One time training	See NHI in resources table
<b>TECHNICAL SERVICES</b> <b>Fort Wayne</b> Highway Safety Manual Webinar	Webinar	Federal Highway Administration Resource Center	One time training	www.highwaysafetymanual.org/Pages/FHWAResourceCenterHSMWebinarSeries.aspx
<b>TECHNICAL SERVICES</b> <b>Fort Wayne</b> Wetland Flora	Classroom with live instructor	Institute of Botanical Training, LLC	One time training	Institute of Botanical Training, LLC 111 County road 3260 Salem, MO 65560

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<b>Unit/Technical Training Program</b>	<b>Delivery Type</b>	<b>Provider</b>	<b>Frequency</b>	<b>Contact Information</b>
Workshop				317-430-6566 <a href="mailto:mail@botanytraining.com">mail@botanytraining.com</a> www.botanytraining.com
<b>TECHNICAL SERVICES Fort Wayne</b> NEPA refresher	Classroom with live instructor	INDOT Environmental Services and Federal Highway Administration	Required every two years to maintain NEPA certification	Ben Lawrence <a href="mailto:blawrence@indot.in.gov">blawrence@indot.in.gov</a> 317-233-1164
<b>TECHNICAL SERVICES Fort Wayne</b> Road Safety Audit Review Workshop	Classroom with live instructor	Indiana Local Technical Assistance Program	One time training	Indiana LTAP 1435 Win Hentschel Blvd., Ste. B100 W. Lafayette, IN 47906 765-494-2164
<b>TECHNICAL SERVICES Greenfield</b> Fracture critical bridge inspection		National Highway Institute		See NHI in resources table
<b>TECHNICAL SERVICES Greenfield</b> ReachAll		Aspen Aerials		See Aspen Aerials website
<b>TECHNICAL SERVICES Seymour</b>	Classroom	INDOT (Tommy Nantung)	Once or twice yearly	Tommy Nantung <a href="mailto:tnantung@indot.in.gov">tnantung@indot.in.gov</a>



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MEPDG				765-463-1521 x248
<b>TECHNICAL SERVICES Vincennes</b> Optimal Timing of Pavement Preservation	Webinar	Federal Highway Administration	As needed	Valerie Cockrum <a href="mailto:vcockrum@indot.in.gov">vcockrum@indot.in.gov</a> 812-895-7375 Office 812-215-9588 Cell
<b>TECHNICAL SERVICES Vincennes</b> Attenuator Certification Training	Classroom	Vincennes District	Once Yearly	Valerie Cockrum <a href="mailto:vcockrum@indot.in.gov">vcockrum@indot.in.gov</a> 812-895-7375 Office 812-215-9588 Cell
<b>TECHNICAL SERVICES Vincennes</b> AASHTO Roadside Design Guide Training	Web	National Highway Institute	As needed	Elliott Thomas, Training Program Manager 703-235-0544
<b>TECHNICAL SERVICES— TESTING</b> Certified Highway Technician Classes for Testing (Indiana Test Methods; Material Sampling; Material	Classroom (Districts); some field demonstrations	District Testing Department/Section	Two per year for three years (total of 6 classes)	Dave Hamilton <a href="mailto:dhamilton@indot.in.gov">dhamilton@indot.in.gov</a> 812-524-3761 [NOTE: Classes taught in each District for their testing personnel. Construction does the same for their new employees, just different class topics.]

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Testing; Special Tests; Precast Items)				
<b>BRIDGE DESIGN</b> NHI Prestressed Concrete Design		National Highway Institute		See NHI in resources table
<b>BRIDGE DESIGN</b> NHI Steel Bridge Design		National Highway Institute		See NHI in resources table
<b>BRIDGE DESIGN</b> ABC Webinars		Associated Builders and Contractors		See ABC in resources table
<b>BRIDGE DESIGN</b> CSI Bridge-modeling		Computers and Structures, Inc.		See Computers and Structures, Inc. website
<b>BRIDGE DESIGN</b> LEAP (bridge design) software		Bentley		See Employee Development website
<b>BRIDGE DESIGN</b> NHI Stream Stability and Scour at Highway Bridges		National Highway Institute		See NHI in resources table
<b>BRIDGE DESIGN</b> InRoads software		Bentley		See Employee Development website
<b>BRIDGE DESIGN</b> Microstation - CADD		Bentley		See Employee Development website

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<b>BRIDGE DESIGN</b> Midwest Bridge Inspection Working Group		Midwest Bridge Working Group		See Midwest Bridge Working Group website
<b>BRIDGE DESIGN</b> NHI LRFD for Highway Bridge Structures		National Highway Institute		See NHI in resources table
<b>BRIDGE DESIGN</b> Semi-integral end bent design		Butler Fairman Seufert		See Butler Fairman Seufert website
<b>BRIDGE DESIGN</b> NHI Seismic Retrofitting for Highway Bridges		National Highway Institute		See NHI in resources table
<b>HIGHWAY DESIGN</b> MEPDG		National Transportation Training Resources		See NTTR in resources table
<b>HIGHWAY DESIGN</b> Microstation		Bentley		See Employee Development website
<b>ENVIRONMENTAL SERVICES</b> INDOT NEPA Initial Course	Classroom/workshop	INDOT Environmental Policy Office with contract consultant	Yearly (spring)	Ben Lawrence <a href="mailto:blawrence@indot.in.gov">blawrence@indot.in.gov</a> 317-233-1164

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<b>ENVIRONMENTAL SERVICES</b> INDOT Categorical Exclusion Course	Classroom/workshop	INDOT Environmental Policy Office	Yearly (spring)	Ben Lawrence <a href="mailto:blawrence@indot.in.gov">blawrence@indot.in.gov</a> 317-233-1164
<b>GEOTECHNICAL SERVICES</b> Foundation Design Based on CPT Data	Web-based seminar or live instructor	Georgia Tech	Yearly	Athar Khan <a href="mailto:atkhan@indot.in.gov">atkhan@indot.in.gov</a> 317-610-7251 X 219 OR Nayyar Siddiki <a href="mailto:nsiddiki@indot.in.gov">nsiddiki@indot.in.gov</a> 317-610-7251 X 228
<b>GEOTECHNICAL SERVICES</b> NHI Drilled Shaft Foundation Inspection	Web-based seminar	National Highway Institute	Yearly	Athar Khan <a href="mailto:atkhan@indot.in.gov">atkhan@indot.in.gov</a> 317-610-7251 X 219 OR Malek Smadi <a href="mailto:msmadi@indot.in.gov">msmadi@indot.in.gov</a> 317-610-7252 X 226
<b>GEOTECHNICAL SERVICES</b> ASCE Fill Retaining Wall	Web-based seminar	American Society of Civil Engineers	Yearly	Malek Smadi <a href="mailto:mmsmadi@indot.in.gov">mmsmadi@indot.in.gov</a> 317-610-7252 X 226 OR Nayyar Siddiki <a href="mailto:nsiddiki@indot.in.gov">nsiddiki@indot.in.gov</a> 317-610-7251 X 228
<b>MAINTENANCE</b> <b>Fort Wayne</b>				See Employee Development website

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Highway Technician				
<b>MAINTENANCE</b> Retroreflectometer	Classroom	Manufacturer's representatives with coordination by Central Office Technical Services	Every 2 years	Ting Nahrwold <a href="mailto:tnahrwold@indot.in.gov">tnahrwold@indot.in.gov</a> 317-234-7225
<b>MAINTENANCE</b> Attenuator Certification	Classroom/workshop	Manufacturers of specific units with coordination by Central Office Technical Services and Employee Development	Every 2 years	Technical Services: Peter Carleton <a href="mailto:pcarleton@indot.in.gov">pcarleton@indot.in.gov</a> 317-233-1165 Employee Development: Daryl Mickens <a href="mailto:dmickens@indot.in.gov">dmickens@indot.in.gov</a> 317-232-5045
<b>PROJECT MANAGEMENT</b> Pavement preservation - slurry seal and micro-surfacing		National Center for Pavement Preservation		See NCPP website
<b>LAND AND AERIAL SURVEY</b> InRoads software		Bentley		See Employee Development website