

APPENDIX D

SUPERVISOR SURVEY RESULTS  
TRAINING NEEDS BY JOB TITLE  
[NEEDS LISTED IN RANK ORDER]

Position Title	Technical Training Needs
Environmental Scientist 2 (1LS2)	Maintaining NEPA certification Knowledge of erosion and sediment control best practices Wetland delineation training Wetland plant identification training
HES 4 (6DC4)	Design flexibility Pavements Pavement preservation techniques Engineering seminars Performance management Become certified to oversee attenuator repair
HE 1 (1DC1)	Alternative interchange design Highway safety manual training Updating knowledge of the NEPA process Knowledge of road safety audits Knowledge of engineering best practices
HE 3 (1DC3)	Knowledge of the Highway Capacity Manual Knowledge of the Highway Safety Manual Knowledge of the NEPA process
HT 1 (4MB1)	Certified Technician Training Bridges Asphalt Bridge & Road Plan Reading Drafting info refresher
HT 2 (4MB2)	Certified Technician Training
HT 3 (4MB3)	Standard Specifications
Surveyor 3 (1DS3)	Survey data collection & processing GPS Indiana Survey Law
Surveyor 4 (1DS4)	Survey data collection & processing GPS basics Outdoor Advertising Control Manual Review Course/Training Electronic Permitting System (EPS) Program Review Course Worksite traffic control training
Surveyor 5 (1DS5)	Survey data collection & processing
Roadway Preservation Engineer 1DC1	Bridge maintenance Pavements Asset management

Position Title	Technical Training Needs
Asst Roadway Preservation Engineer 1DC2	Bridge maintenance Pavements Asset management
Evaluations Engineer 1DC2	Spec writing NTPEP Lighting Attenuators
Sr. Bridge Design Engineer/6DC4	Earthquake retro fit Semi-integral end bent design
Sr. Hydraulics Engineer/1DC2	Bridge scour design Design of countermeasures for bridge scour and stream instability Urban Drainage Design Pump station design Design of stormwater management systems
Hydraulics Engineer/1DD2	Bridge scour design Design of countermeasures for bridge scour and stream instability Urban Drainage Design Pump station design Design of stormwater management systems
Hydraulics Engineer/1DD3	Bridge scour design Design of countermeasures for bridge scour and stream instability Urban Drainage Design Pump station design Design of stormwater management systems
CE 3 (1DZ3)	Construction inspection Material mgmt Site manager Federal/Environmental Regulations
EA 4 (1DB4)	Work site traffic control Electronic Permitting System (EPS) Program Usage Utility Accommodation Policy Review Course Permit Manual Review Course Outdoor Advertising Control Manual Review Course
Sr. Engineer Utilities/1DC1	Utility coordinator training ArcGIS training Traffic control training Traffic signal interconnection

Position Title	Technical Training Needs
Engineer Utilities/1DC1	Utility coordinator training ArcGIS training Traffic control training Traffic signal interconnection
Sr. Engineer Railroad/1DC1	Utility coordinator training ArcGIS training Traffic control training Traffic signal interconnection
Engineer Railroad & Utility/1DC1	Utility coordinator training ArcGIS training Traffic control training Traffic signal interconnection
Mtnce. Supvr. 2 (9IC2)	Repairing washouts and slide
Technical Services Director (no code)	Pavement preservation Roadway safety Bridge/Culvert inspection
Technician Field Survey/1DS3	Survey software
Technician Survey Support/1DS3	Survey software
Technician Survey Support/1DS4	Survey software
Coordinator Survey/2WM1	Survey software
Coordinator Photogrammetry/2WM1	Survey software
Lead Photogrammetrist/1DS3	Survey software
Lead Stereo Compiler/1DS4	Survey software