

Appendix A

WORK PROCESS SCHEDULE BRIDGE CARPENTER-HEAVY HIGHWAY O*NET-SOC CODE: 47-2031.02 RAPIDS CODE: 0069/0069HY

This schedule is attached to and a part of these Standards for the above identified occupation.

1. TERM OF APPRENTICESHIP

The term of the occupation shall be three (3) or four (4) years with an OJL attainment of a minimum of 3,900 or 5,200 hours supplemented by the required hours of related instruction.

2. RATIO OF APPRENTICES TO JOURNEYWORKERS

(INSERT RATIO HERE) as covered in the CBA.

3. APPRENTICE WAGE SCHEDULE

Apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyworker wage rate or as per the CBA.

(FILL IN RATES)

3-year Program

1 st 6 months and 650 hours	___%	2 nd 6 months and 650 hours	___%
3 rd 6 months and 650 hours	___%	4 th 6 months and 650 hours	___%
5 th 6 months and 650 hours	___%	6 th 6 months and 650 hours	___%

4-year Program

1 st 6 months and 650 hours	___%	2 nd 6 months and 650 hours	___%
3 rd 6 months and 650 hours	___%	4 th 6 months and 650 hours	___%
5 th 6 months and 650 hours	___%	6 th 6 months and 650 hours	___%
7 th 6 months and 650 hours	___%	8 th 6 months and 650 hours	___%

4. SCHEDULE OF WORK EXPERIENCE (See attached Work Process Schedule)

The JATC may modify the work processes to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

5. SCHEDULE OF RELATED INSTRUCTION (See attached Related Instruction Outline)

The JATC may modify the related instruction to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

WORK PROCESS SCHEDULE
BRIDGE CARPENTER-HEAVY HIGHWAY
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The following schedule is an example of work experience (OJL) and training considered necessary to develop a skilled and productive worker in the Bridge and Heavy Highway Carpenter trade. Within the limits of basic trade requirements, the schedule is adaptable to local conditions.

3-Year Program

	Approximate Hours
Core Skills	325 - 500
Materials, Tools & Equipment	1000 - 1600
Heavy Highway	1000 - 1600
Bridge Work	600 - 1100
Supplemental Skills	975 - 1200
Total	3,900 - 6,000

4-Year Program

	Approximate Hours
Core Skills	325 - 500
Materials, Tools & Equipment	1300 - 2000
Heavy Highway	1300 - 2000
Bridge Work	1300 - 2000
Supplemental Skills	975 - 1500
Total	5,200 - 8,000

**RELATED INSTRUCTION OUTLINE
 BRIDGE CARPENTER-HEAVY HIGHWAY
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Related instruction - This instruction shall include, but not be limited to:
 Using the following training matrix, local JATCs can design a flexible training program to meet the needs of our local industries while at the same time providing apprentices the opportunity to complete their apprenticeship.

Core Skills	Materials, Tools & Equipment	Heavy Highway	Bridge Work	Supplemental Skills
Trade Orientation	Hand & Power Tools	Hazardous Material Handling	Abutment & Bridges	Powered Industrial Truck Operator Qualification
OSHA 10-Hour		Concrete Composition	Concrete Design and Specialty Applications	Rigging Training
CPR/First Aid/AED		Mixtures & Additives	Grinding, Polishing & Sealing	Wall Forming
Construction Fall Protection		Repairs & Slab Troubleshooting		Transit Level/Laser
Safety Data Sheets				Communication and Leadership Training
Standards & Codes	Equipment Maintenance			
Print Reading				
Green Awareness				
Diversity Training				
Optional Instruction				
Advanced Print Reading				
Ergonomics				

TOTAL MINIMUM HOURS: 3-year Program 3,900 hours; 4-year Program 5,200 hours