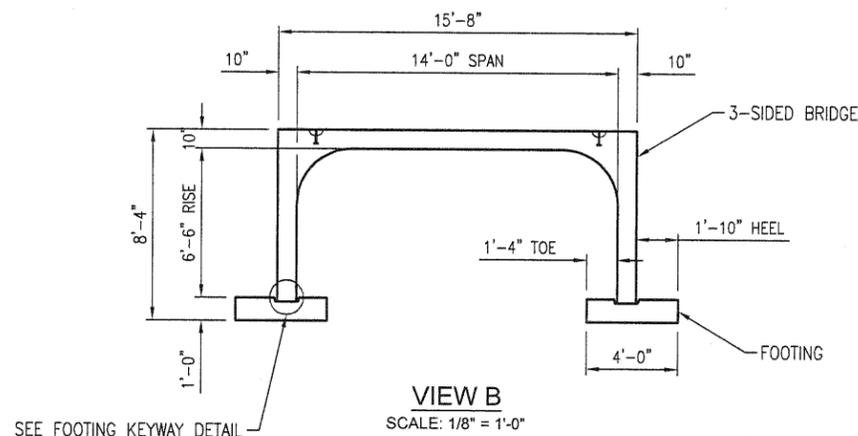
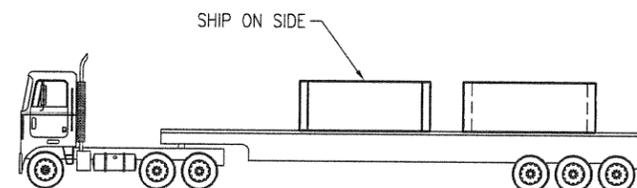
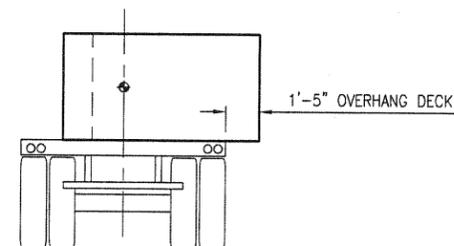


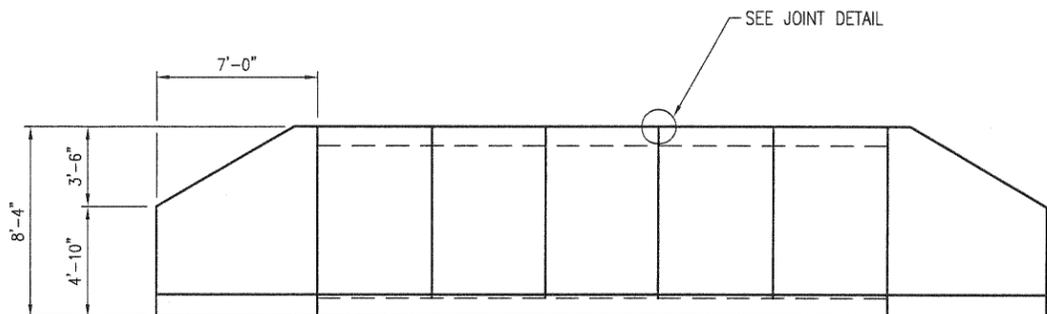
PLAN VIEW  
SCALE: 1/8" = 1'-0"



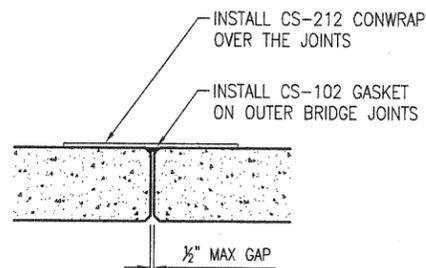
VIEW B  
SCALE: 1/8" = 1'-0"



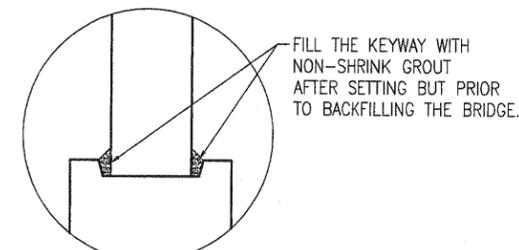
SHIPPING DETAIL



VIEW A  
SCALE: 1/8" = 1'-0"



JOINT DETAIL



FOOTING KEYWAY DETAIL

- STRUCTURAL NOTES**
- CONCRETE: 28 DAY COMPRESSIVE STRENGTH  $f_c = 6,000$  PSI  
STRIPPING STRENGTH  $f_c = 2,500$  PSI
  - REBAR: ASTM A-615 GRADE 60
  - MESH: ASTM A-185 GRADE 65
  - DESIGN: -AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
  - LIVE LOADS: -HL-93 LOADING  
-28% IMPACT  
-2.99 FT LATERAL LIVE LOAD SURCHARGE
  - DEAD LOADS: -120 PCF SOIL DENSITY  
-25 PCF FUTURE WEARING SURFACE  
-35 PCF EQUIVALENT FLUID PRESSURE  
-150 PCF CONCRETE DENSITY
  - FILL RANGE: -1.74' OVERBURDEN
  - BEARING PRESSURE: -3,000 PSF ALLOWABLE

| PRODUCT WEIGHTS |     |               |
|-----------------|-----|---------------|
| PRODUCT         | QTY | WEIGHT (EACH) |
| 5' BRIDGE       | 5   | 20,000 LBS.   |
| FOOTING         | 2   | 14,350 LBS.   |
| WINGWALL        | 4   | 10,350 LBS.   |
| TOTAL           | 11  | 170,100 LBS.  |



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**3-SIDED BRIDGE**  
SUBMITTAL  
FISH PASSAGE  
SHERWOOD, OR  
CUSTOMER

| DATE                         | SALES | DRAWN | ENGINEER | CHECKED  | SALES ORDER | LN |
|------------------------------|-------|-------|----------|----------|-------------|----|
| 1/20/16                      | PB    | TS    | TS       |          |             |    |
| DRAWING NUMBER               |       |       |          | REVISION | SHEET       |    |
| 14S-6R-SHERWOOD FISH PASSAGE |       |       |          | REV DATE | 1 OF 1      |    |