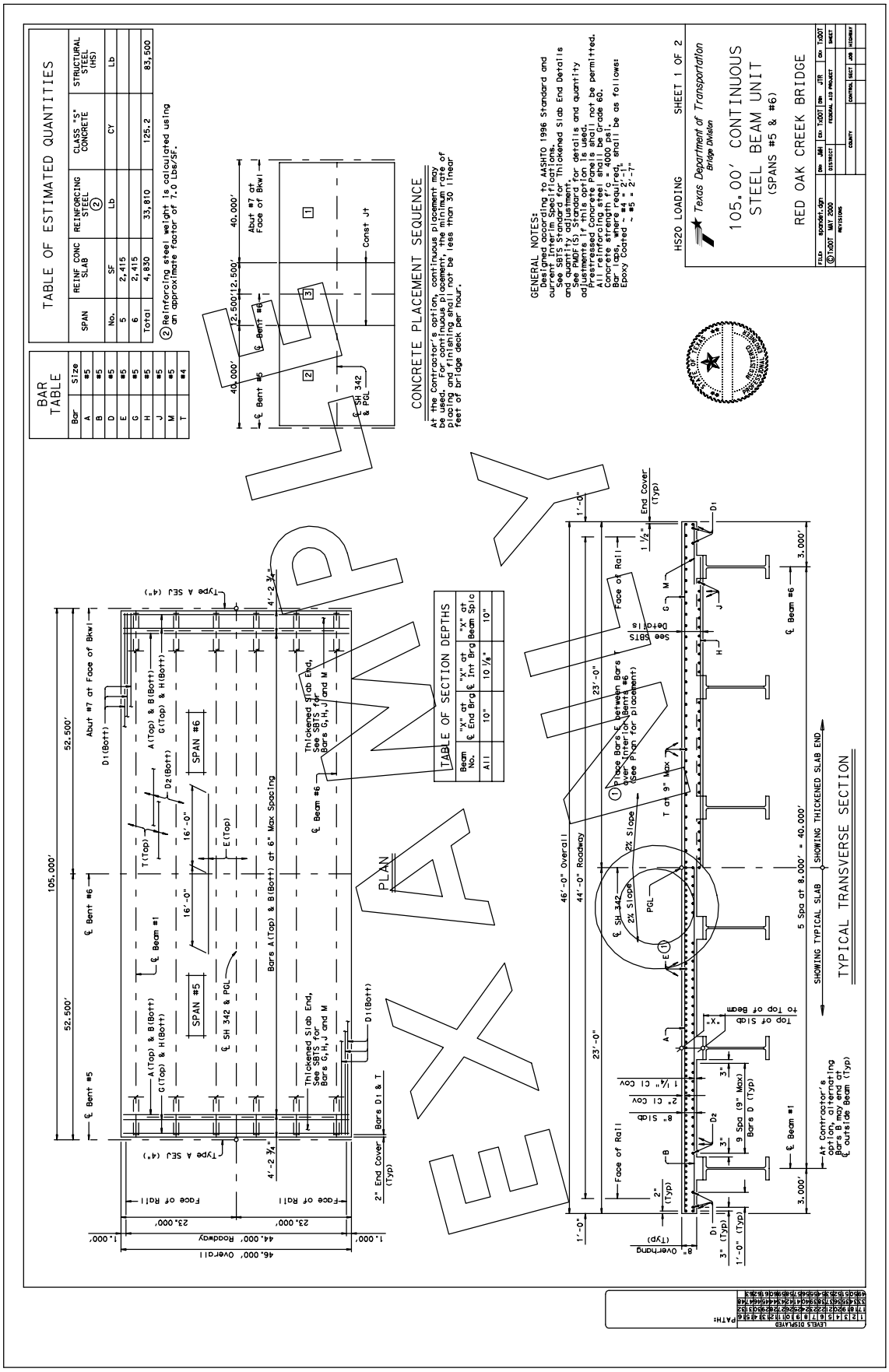
TABLE OF ESTIMATED QUANTITIES
SPAN | REINF CONC SLAB | REINFORCING STEEL (2) | CLASS "S" CONCRETE | STRUCTURAL STEEL (HS)
No. | SF | Lb | CY | Lb
5 | 2,415
6 | 2,415
Total | 4,830 | 33,810 | 125.2 | 83,500
(2) Reinforcing steel weight is calculated using an approximate factor of 7.0 Lbs/SF.
BAR TABLE
Bar | Size
A | #5
B | #5
D | #5
E | #5
G | #5
H | #5
J | #5
M | #5
T | #4
CONCRETE PLACEMENT SEQUENCE
At the Contractor's option, continuous placement may be used. For continuous placement, the minimum rate of placing and finishing shall not be less than 30 linear feet of bridge deck per hour.
GENERAL NOTES:
Designed according to AASHTO 1996 Standard and current Interim Specifications.
See SBTS Standard for Thickened Slab End Details and quantity adjustment.
See PMDF(S) Standard for details and quantity adjustments if this option is used.
Prestressed Concrete Panels shall not be permitted.
All reinforcing steel shall be Grade 60.
Concrete strength f'c = 4000 psi.
Bar laps, where required, shall be as follows:
Epoxy Coated ~ #4 = 2'-1"
~ #5 = 2'-7"
HS20 LOADING
SHEET 1 OF 2
Texas Department of Transportation
Bridge Division
105.00' CONTINUOUS STEEL BEAM UNIT
(SPANS #5 & #6)
RED OAK CREEK BRIDGE
TABLE OF SECTION DEPTHS
Beam No. | "X" at ℄ End Brg | "X" at ℄ Int Brg | "X" at Beam Splc
All | 10" | 10 1/8" | 10"
PLAN
TYPICAL TRANSVERSE SECTION
SHOWING TYPICAL SLAB
SHOWING THICKENED SLAB END
EXAMPLE

Fig. 6-1