

PVT STA.  
3+35.83

PVT STA.  
3+98.33

PVT STA.  
4+60.83

GENERAL NOTES:  
LOADING: N-20-44 AASHTO SPECIFICATIONS 1941 EDITION  
UNIT STRESSES:  $f'_c = 3000$  psi;  $f_t = 1200$  psi;  $F_s = 20000$  psi

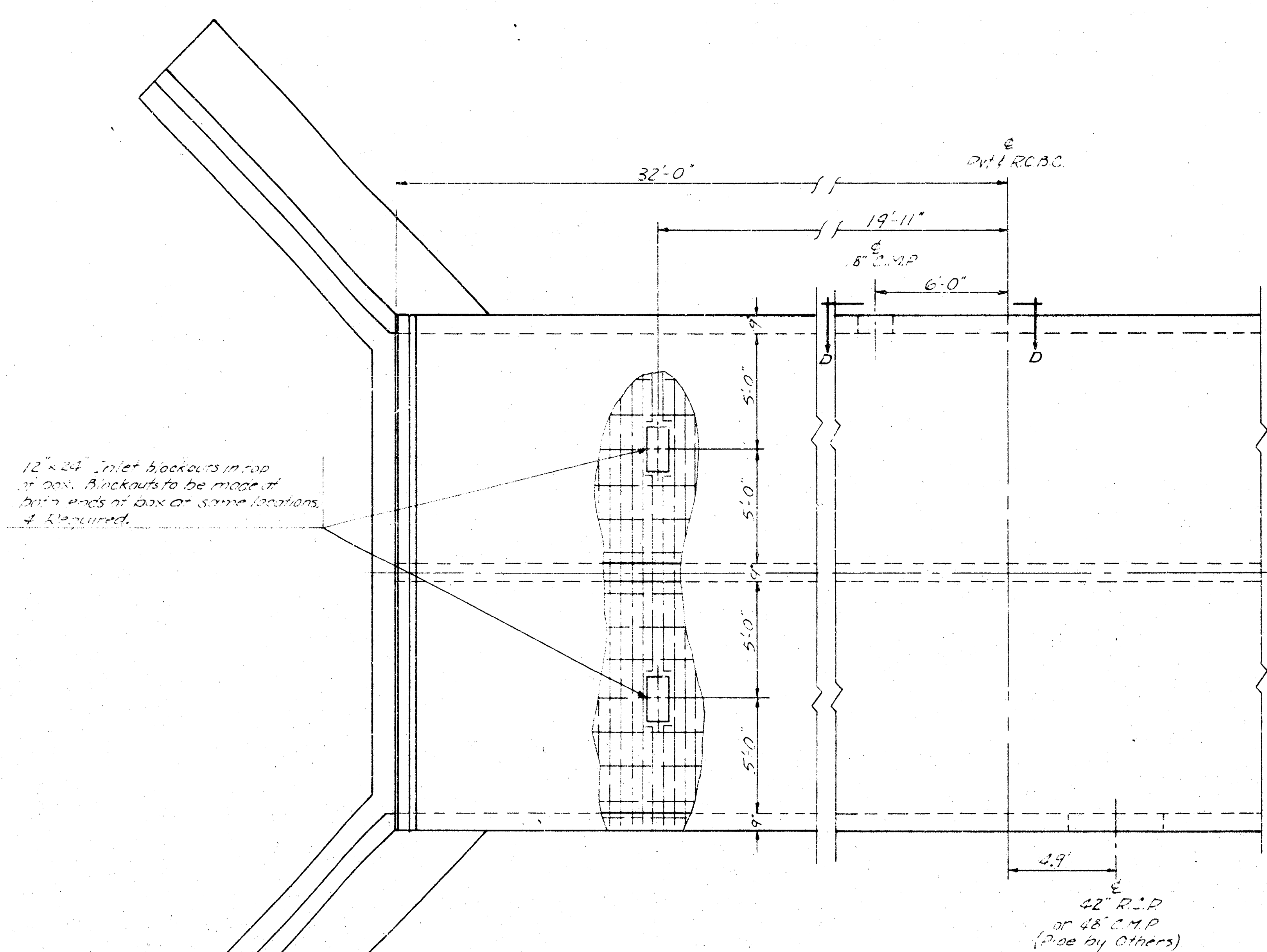
1. CLASS A RE CONCRETE SHALL BE USED THROUGHOUT THIS PROJECT. ALL REINFORCING STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATIONS.
2. BACKFILL ALL BACKFILL SHALL BE CONSIDERED AS "COMMON EXCAVATION" EXCEPT FOR THE TOSWALL. TOSWALL EXCAVATION SHALL BE INCLUDED IN "LUMP SUM BID".
3. BACKFILL ALL BACKFILL AND EXCAVATION TO EXTEND TO (2') BEYOND SIDES OF BOX AND WING WALLS.
4. REVEL ALL EXPOSED EDGES OF CONCRETE WITH 1/4" TRIANGULAR BOUNDING.
5. WEEDPAPER COARSE AGGREGATE SHALL BE DEPOSITED BEHIND GRADEWEAL TO OBTAIN A SPACE EXTENDING TO ALL DIRECTIONS ABOVE WEEDPAPER FILL LINE. THIS WORK SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED A PART OF THE EXCAVATION WORK.
6. SEAL COURSE A SEAL COURSE CONSISTING OF 3" CLASS "A" CONCRETE SHALL BE CONSTRUCTED ONLY WHERE SPECIFIED ON THE PLANS OR BY THE ENGINEER. A SEALING SLAB SHALL BE PLACED UNTIL THE SEAL COURSE HAS GAINED SUFFICIENT STRENGTH TO PERMIT WORKING UPON IT WITHOUT DAMAGE.
7. FINISH OF CURB THE CURB SHALL BE BID AS A "LUMP SUM BID" EXCEPT FOR THE FOLLOWING ITEMS: CU. YDS. COMMON EXCAVATION, CU. YDS. COMPACTED FILL, CU. YDS. LOOSE FILL, CLASS "A" CONCRETE, AND 6- 1' x 3' CURB DETAILS.
8. THE QUANTITIES SHOWN IN THE "BILL OF MATERIALS" OR ITEMS WHICH ARE INCLUDED IN THE "LUMP SUM BID" OF THE CURB ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR MUST SATISFY HIMSELF TO THE "QUANTITIES" AND THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR WILL HAVE THE FULL RESPONSIBILITY FOR PROVIDING ALL MATERIALS ON THE DETAILING PLANS NECESSARY TO COMPLETE THE PROJECT.

2.0' Dia. Inlet Grate.  
Grate Elev. 149.24  
Pipe F.L. Elev. 148.49

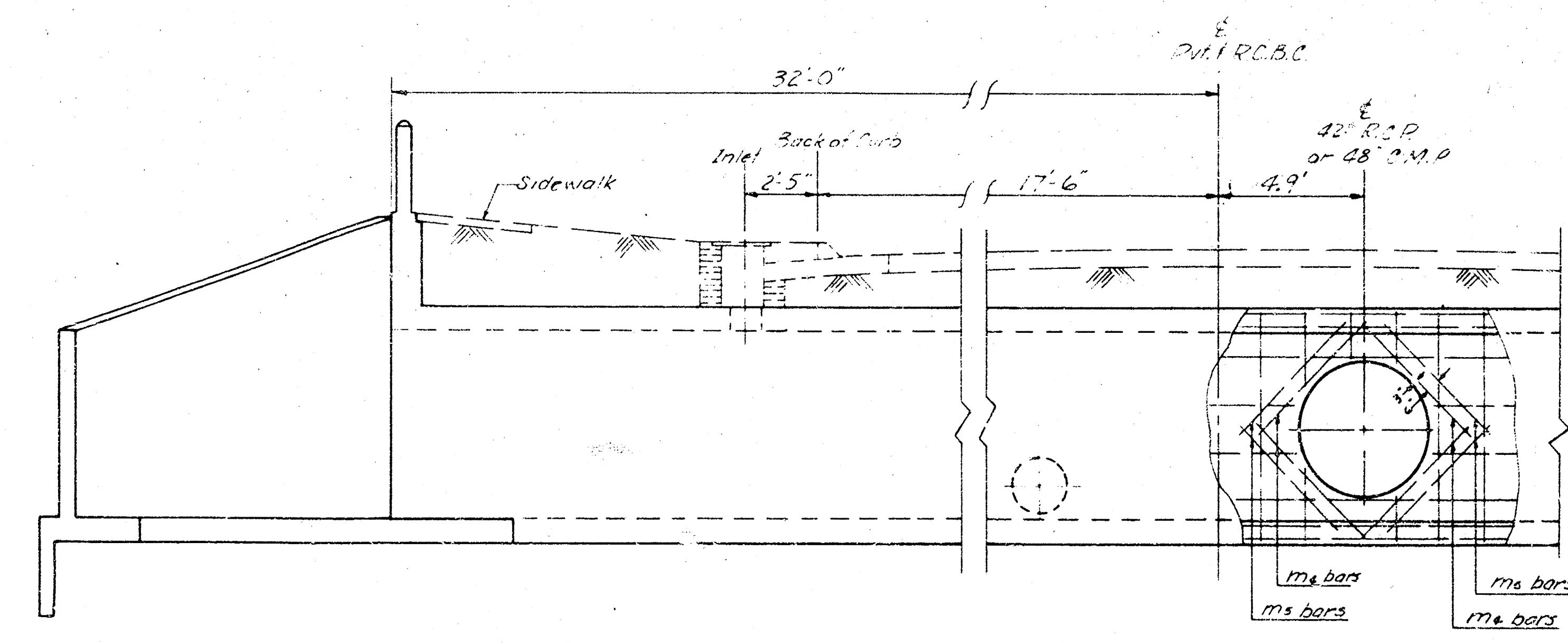
2-10'x6' REINFORCED CONCRETE  
BOX CULVERT  
IN CONNECTION WITH PAVING OF  
BLUESTEM LANE FROM E.L. ROCK RD.  
TO E.L. CEDAR LAKES VILLAGE 2<sup>ND</sup> ADD<sup>N</sup>  
CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER  
DATE PROJECT NO. DAKS 573071

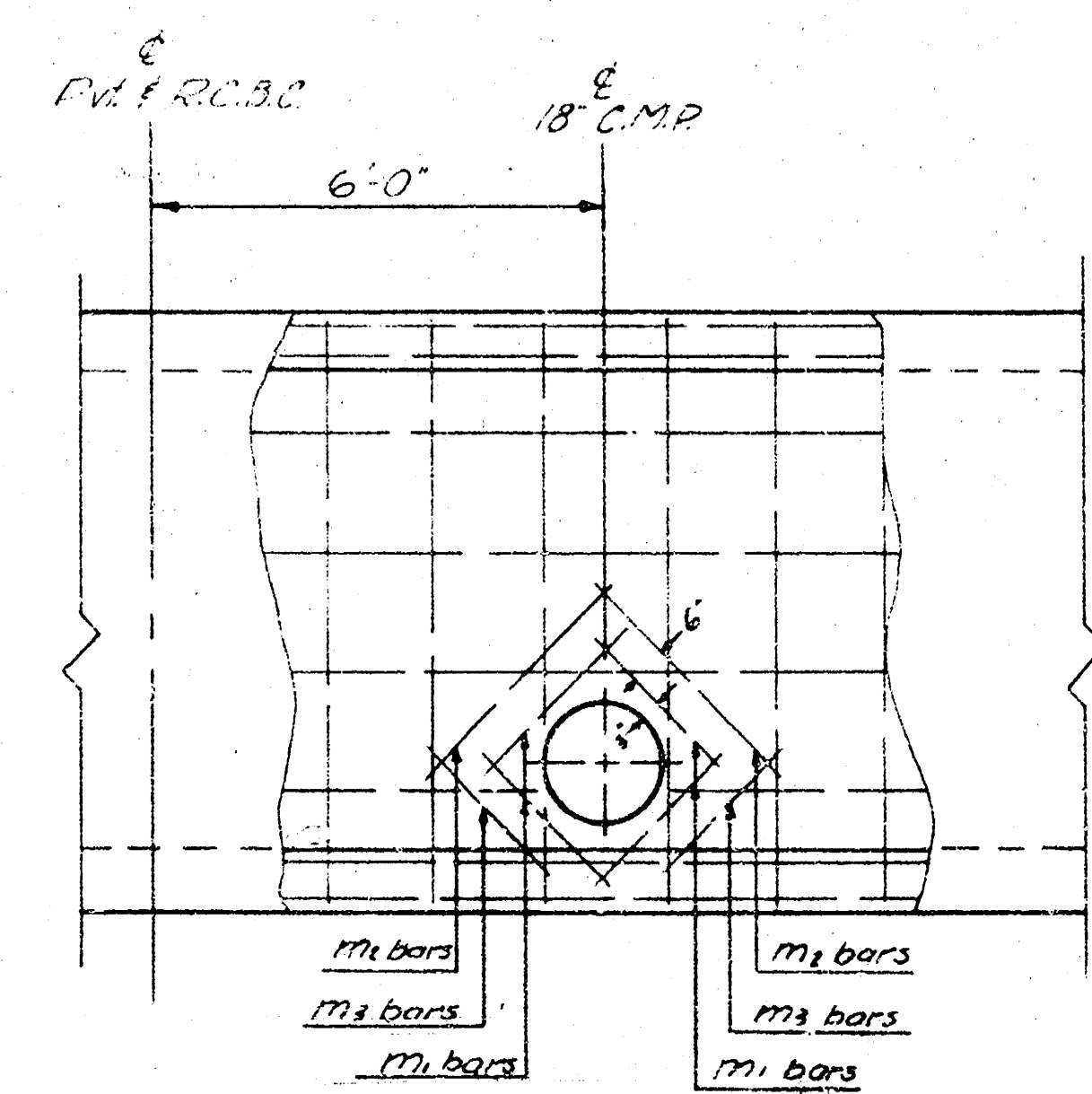




PLAN



SIDE ELEVATION



D-D

| BILL OF MATERIALS   |          |      |
|---------------------|----------|------|
| ITEM                | QUANTITY | UNIT |
| Class A AE Concrete | 147.3    | CY   |
| Reinforcing Steel   | 15205    | LBS  |
| Hand Excavation     | 14.5     | CY   |
| Concrete Handrail   | 43.5     | LF   |
| Common Excavation   | 287.3    | CY   |
| Compacted Fill      | 128.6    | CY   |
| Borrow Excavation   | 12.6     | CY   |
| Class A Concrete    | 15.7     | CY   |
| 2x5 Inlets          | 4        | EA   |

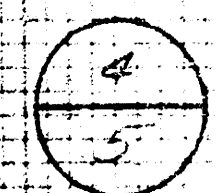
Lump Sum Bid

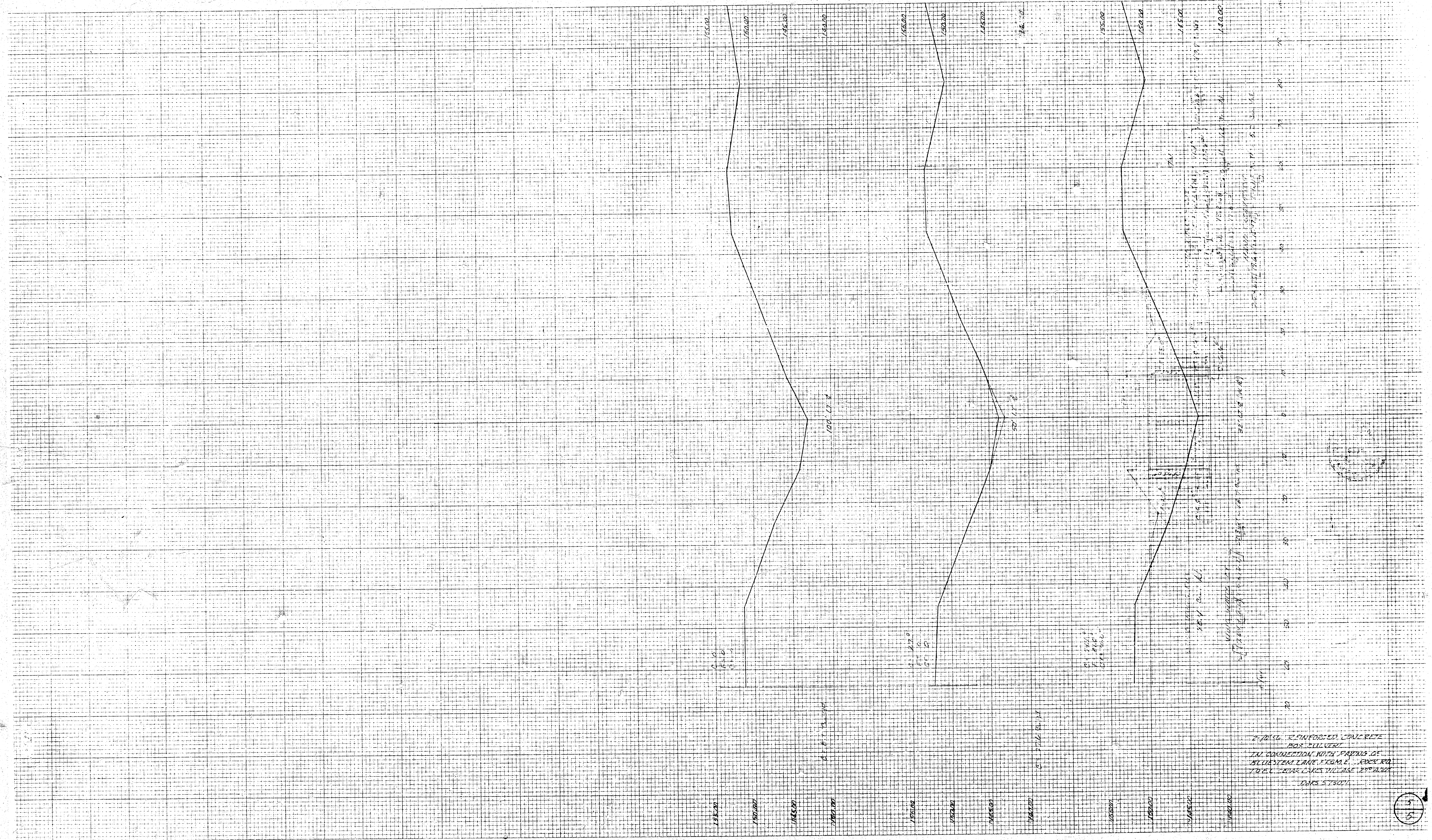
Bid Items

2-10x6 REINFORCED CONCRETE BOX CULVERT  
IN CONNECTION WITH PAVING OF  
BLUESTEM LANE

3  
5

DAKS 573071





2. 10156 REINFORCED CONCRETE  
BOX CULVERT  
IN CONNECTION WITH PAVING OF  
STATION LANE FORM 2. CROSS RO.  
TO EL. 10156.00 (SEE 10156.00)