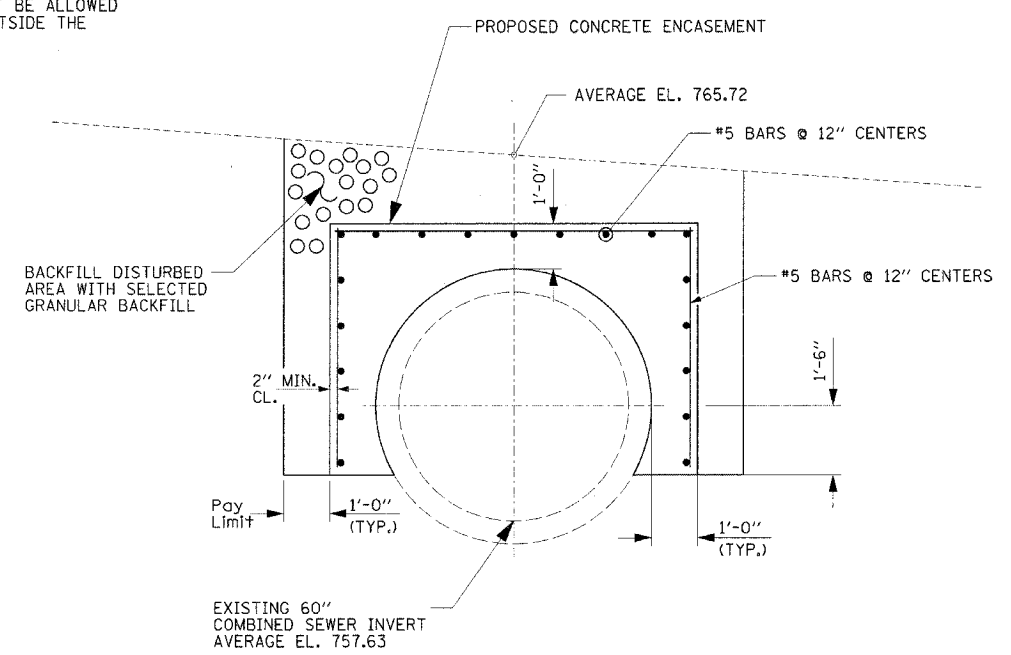


CONSTRUCTION EQUIPMENT WILL NOT BE ALLOWED OVER THE 60" COMBINED SEWER OUTSIDE THE LIMITS OF ENCASEMENT.



CONCRETE ENCASEMENT DETAIL

NOTES

CONSTRUCTION OF THE REINFORCED CONCRETE ENCASEMENT SHALL BE COMPLETED PRIOR TO BEGINNING ANY OTHER CONSTRUCTION ACTIVITIES. SEE SPECIAL PROVISION "60 INCH COMBINED SEWER ENCASEMENT".

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF 'AASHTO' M31, M42 OR M53 GRADE 60.

ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.

ALL CONSTRUCTION JOINTS SHALL BE BONDED.

THE CONTRACTOR SHALL FIELD VERIFY STATIONS AND OFFSETS SHOWN FOR THE EXISTING 60" COMBINED SEWER AND MAKE NECESSARY ADJUSTMENTS PRIOR TO CONSTRUCTION.

MIN. BAR LAP

#5 BAR = 2'-3"

DESIGN STRESSES

f'c = 3500 psi  
fy = 60,000 psi (Reinforcement)

\*ESTIMATED BILL OF MATERIAL

ITEM	UNIT	QUANTITY
REINFORCEMENT BARS, EPOXY COATED	LBS.	5805
CONCRETE STRUCTURES	CU. YD.	117.5
SELECTED GRANULAR BACKFILL	CU. YD.	140

\*QUANTITIES PROVIDED HAVE BEEN ESTIMATED. QUANTITIES WILL VARY BASED ON ACTUAL FIELD CONDITIONS AND THE CONTRACTOR'S APPROVED INSTALLATION PLAN (SEE SPECIAL PROVISIONS). PAYMENT FOR QUANTITIES SHALL BE PER SECTION 109.03 OF THE STANDARD SPECIFICATIONS.

60 INCH COMBINED SEWER ENCASEMENT DETAIL  
FELL AVENUE  
BRIDGE REPLACEMENT

DRAWN MH 10-6-03 DESIGNED  
CHECKED LDK 10-25-04 CHECKED LDK 10-25-04  
FILE: 03S2019 DATE: 2-2-05

02/03/2005 I:\03\jobs\03s2019\dwg\ms\sheet\c-503-enc.dwg