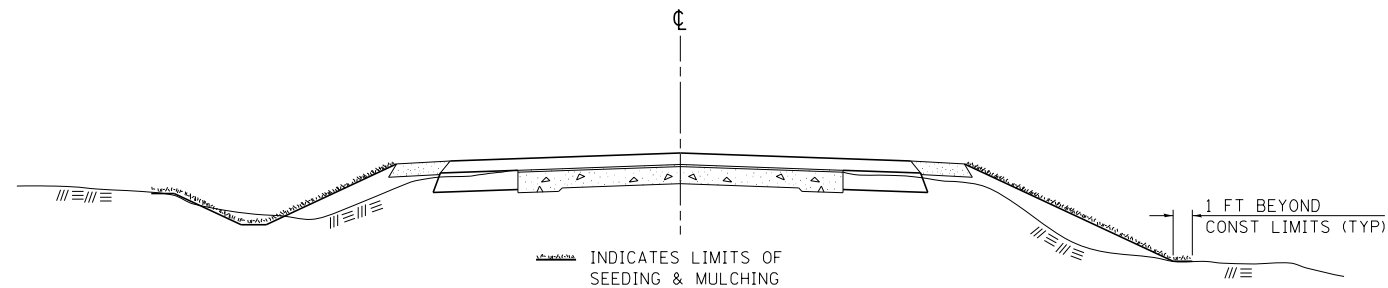


SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS.

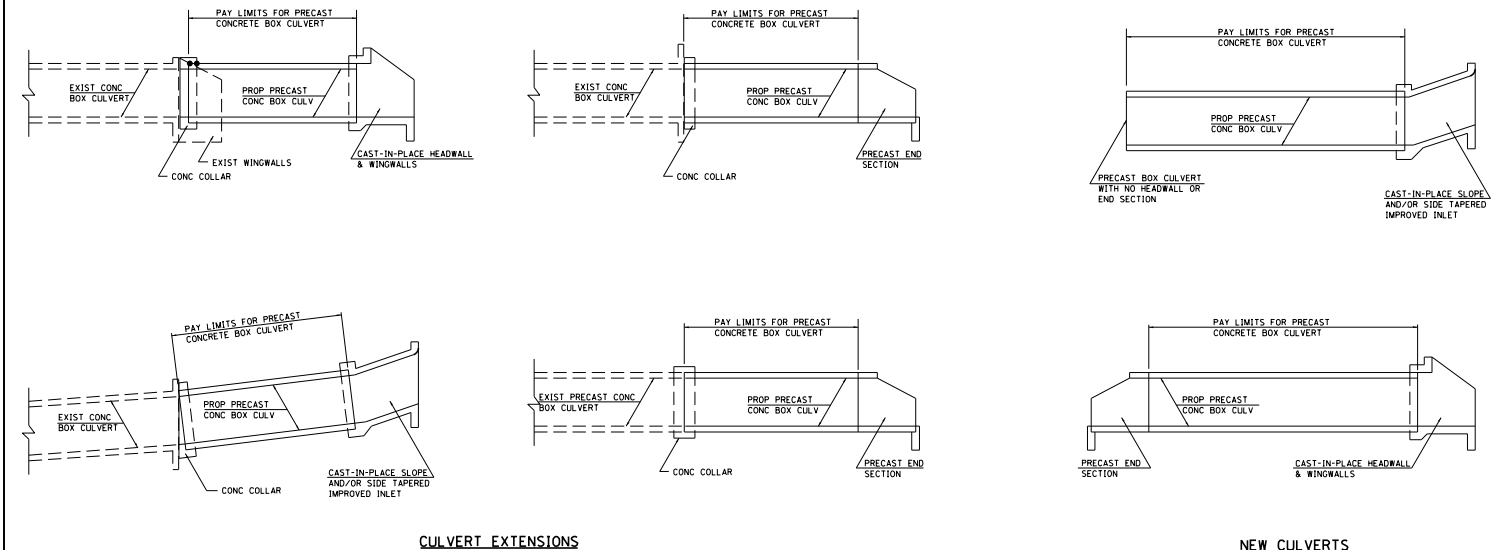
THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08

STD. 9-12

PAYMENT LIMITS FOR PRECAST CONCRETE BOX CULVERTS



NOTES:

WHEN PRECAST CONCRETE BOX CULVERTS ARE SPECIFIED ON THE PLANS, THEY WILL BE MEASURED BY THE FOOT. THE OVERALL LENGTH SHALL BE MEASURED OUT-TO-OUT OF THE PRECAST SEGMENTS ALONG THE CENTERLINE OF THE CULVERT. THE BOX CULVERT END SECTIONS WILL BE MEASURED AS EACH. CAST-IN-PLACE COLLARS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PRECAST CONCRETE BOX CULVERT. SEE ARTICLE 540.08 OF THE STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2002.

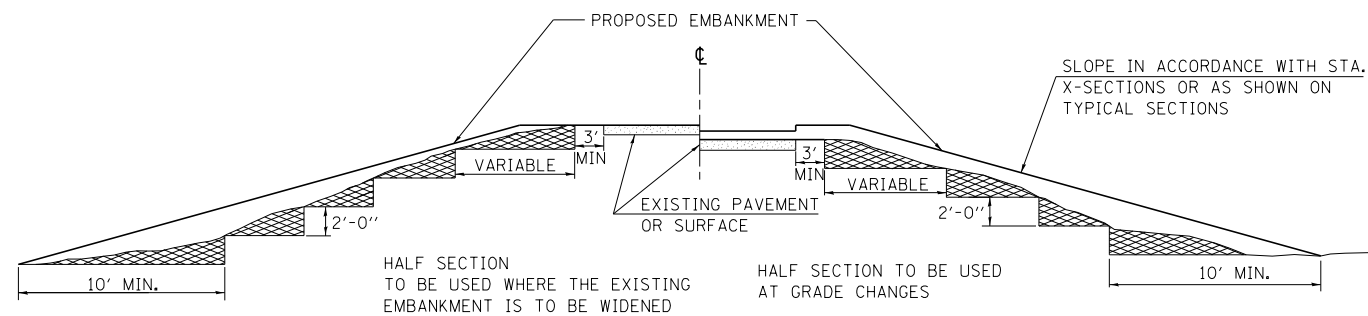
THE TERM "BOX CULVERT END SECTION" AS USED HEREIN SHALL BE DEFINED AS EITHER PRECAST END SECTIONS OR CAST-IN-PLACE HEADWALLS AND WINGWALLS CONSTRUCTED AS SHOWN IN THE PLANS.

THROUGHOUT THESE PLANS, QUANTITIES SHOWN FOR CLASS SI CONCRETE AND REBARS TO BE USED IN COLLARS, HEADWALLS, WINGWALLS OR IMPROVED INLETS FOR PRECAST CONCRETE BOX CULVERTS ARE PROVIDED FOR INFORMATION AND BIDDING ONLY, AND SHALL NOT BE PAID FOR SEPARATELY.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08

STD. 9-81

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL

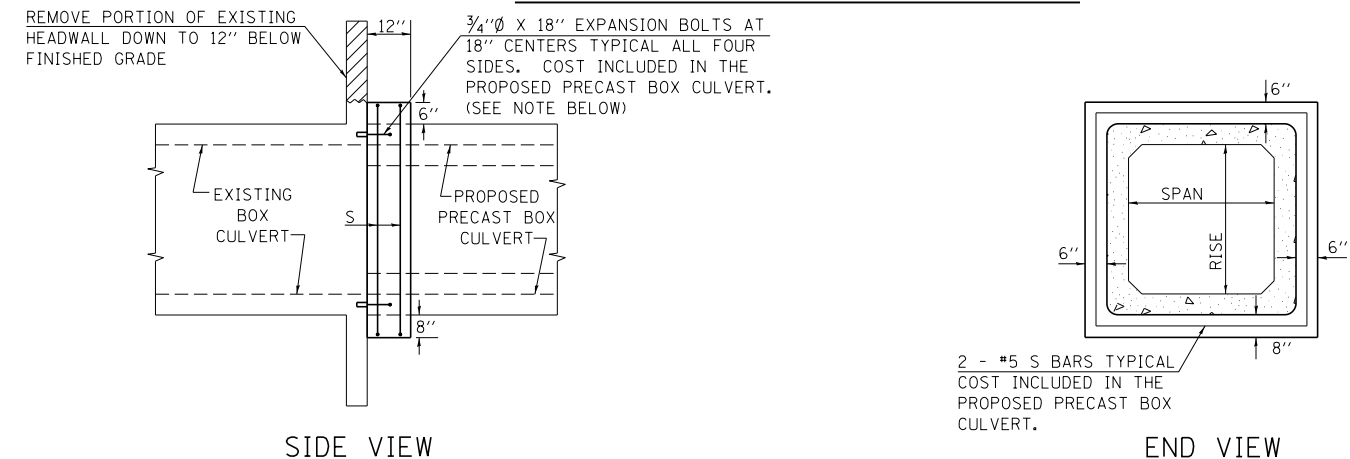


MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
CHECKED	6-3-99
RESIZED	5-7-08

STD. 9-16

DETAILS OF CONCRETE COLLAR FOR PRECAST BOX CULVERT



THE CONCRETE COLLAR SHALL BE CONSIDERED INCLUDED IN PRECAST CONCRETE BOX CULVERT, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS OF THE EXISTING HEADWALLS AS MAY BE REQUIRED. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

NOTE:

ANCHOR BOLTS, MEETING THE REQUIREMENTS OF ARTICLE 1006.09 OF THE STANDARD SPECIFICATIONS, SHALL EXTEND A MINIMUM OF 9 INCHES INTO THE NEW CONCRETE. EXPANSION SHIELDS SHALL PROVIDE A MINIMUM CERTIFIED PROOF LOAD OF 4080 POUNDS.

TABULATION

(FOR INFORMATION PURPOSES ONLY)	
SPAN X RISE	CLASS SI CONC. CU. YD. (EST.)
2' X 2'	0.26
3' X 2'	0.30
3' X 3'	0.34
4' X 2'	0.36
4' X 3'	0.39
4' X 4'	0.43
5' X 2'	0.41
5' X 3'	0.45
5' X 4'	0.49
6' X 2'	0.47
6' X 3'	0.51
6' X 4'	0.54

REVISIONS			
DRAWN	8-15-89	REVISED	12-17-01
REVISED	2-15-90	REVISED	3-26-08
REVISED	8-10-90	REVISED	
REVISED	8-19-94	REVISED	

STD. 9-45

FILE NAME = 0410092-sht-standards.dgn	USER NAME = *USER*	DESIGNED - L.F.S.	REVISED -
0410092-HAMPTON, CENZANO AND RENWICK, INC.		DRAWN - T.W.K.	REVISED -
3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959		CHECKED - J.W.F.	REVISED -
		DATE - 10/04/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS DISTRICT 9
IL 37

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2869	2B-1	JEFFERSON	36	21
CONTRACT NO. 78148				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				