

**EROSION CONTROL AND SITE RESTORATION NOTES**

THIS PROJECT WILL NOT DISTURB MORE THAN 1.62 ACRES AREA WITHIN CONSTRUCTION LIMITS.

REFER TO CITY OF WICHITA STANDARDS FOR BMP INSTALLATION, INSPECTION AND MAINTENANCE DETAILS AND SPECIFICATIONS.

COST FOR EACH EROSION AND SEDIMENT CONTROL ITEM SHALL INCLUDE MAINTENANCE, INSPECTION AND EVENTUAL REMOVAL. BESIDES KEEPING EACH DEVICE IN WORKING ORDER, MAINTENANCE SHALL INCLUDE, AT A MINIMUM, SEDIMENT REMOVAL BEFORE 50% OF THE DEVICE'S CAPACITY IS REACHED.

CONTRACTOR SHALL ADJUST EROSION AND SEDIMENT CONTROL PLANS TO CONFORM TO ACTUAL CONSTRUCTION OPERATIONS. ALL CHANGES TO PLAN SHALL BE APPROVED BY THE CITY.

STABILIZED ENTRANCES SHALL BE PROVIDED AS DIRECTED BY THE CITY. FOUR (4) TOTAL ENTRANCES ARE ANTICIPATED ON THE PROJECT. ENTRANCES SHALL BE PLACED AT LOCATIONS WHERE CONSTRUCTION TRAFFIC ACCESSES EXISTING STREET PAVEMENT. THE PLAN QUANTITY ACCOUNTS FOR TWO (2) ENTRANCES EACH SIDE OF THE CHANNEL.

AN ASSUMED QUANTITY OF 500 L.F. OF BIODEGRADABLE LOG HAS BEEN INCLUDED IN THE SITE RESTORATION QUANTITIES SHOWN IN THE TABLE BELOW FOR SOIL STOCKPILE AREAS

ALL STOCKPILE AREAS, INCLUDING DAMAGED AREAS ALONG STOCKPILE ACCESS ROUTES, SHALL BE RESODDED AFTER ALL STOCKPILED MATERIAL HAS BEEN REMOVED. AN ASSUMED SOD QUANTITY OF 1,500 S.Y. HAS BEEN INCLUDED IN THE SITE RESTORATION QUANTITIES SHOWN IN THE TABLE BELOW.

EROSION CONTROL DEVICES WILL NEED TO BE INSTALLED AS APPLICABLE FOR THE APPROPRIATE CONSTRUCTION PHASE. CONTRACTOR SHALL ADJUST EROSION AND SEDIMENT CONTROL PLAN TO CONFORM TO ACTUAL CONSTRUCTION OPERATIONS. ONCE INSTALLED, THE DEVICES SHALL REMAIN IN-PLACE AND CONTINUE TO BE MAINTAINED UNTIL NO LONGER NECESSARY AS DETERMINED BY THE CITY.

ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE ADJACENT TO DEVELOPED PROPERTIES SHALL BE RESTORED WITH SOD TO MATCH EXISTING TURF TYPE. RESTORATION OF DISTURBED AREAS SHALL INCLUDE BUT NOT BE LIMITED TO, TOP SOIL PREPARATION AND SODDING. ALL SODDING WORK SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS AND THE CITY ADMINISTRATIVE REGULATION NO. AR6.5, WHICH GOVERNS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION. THE "RECAPITULATION OF QUANTITIES" SHOWS THE ESTIMATED SQUARE YARDS OF SODDING, WITH A BID ITEM FOR THE SAME. WHEN THE WEATHER/SEASON PREVENTS THE INSTALLATION OF SOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING EROSION CONTROL BLANKET (CURLEX 1, OR APPROVED EQUAL) AT THE BACK OF CURB (8" WIDE MINIMUM). ALL COST FOR EROSION MAT INSTALLATION SHALL BE SUBSIDIARY TO "SODDING."

SOD NON-PAVED AREAS WITHIN THE CONSTRUCTION LIMITS (EXCEPT WITHIN THE CHANNEL) IF DISTURBED. SEEDING OR SODDING WILL NOT BE REQUIRED UNDER THE ELEVATED HIGHWAY.

NOTE:  
SEE SHEET 11 FOR IMPROVEMENTS WITHIN THE CHANNEL.

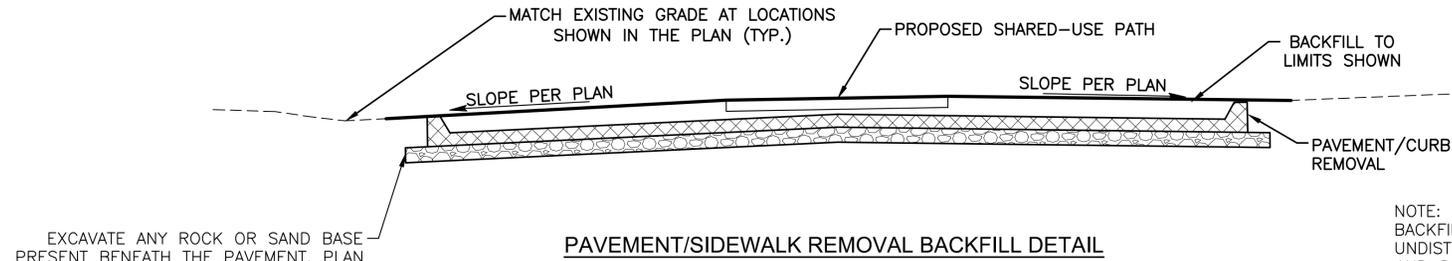
**SEED MIX NOTES**

DESIGNATED AREAS WITHIN THE DRAINAGE CHANNEL SHALL RECEIVE A DETENTION POND SEED MIX AND FERTILIZER AS FOLLOWS:

SMOOTH BROME	75LB/ACRE PLS
K-31 FESCUE	300LB/ACRE PLS
ANNUAL RYE	100LB/ACRE PLS
FERTILIZER (10-20-10)	350LB/ACRE

FOR INFORMATION ONLY

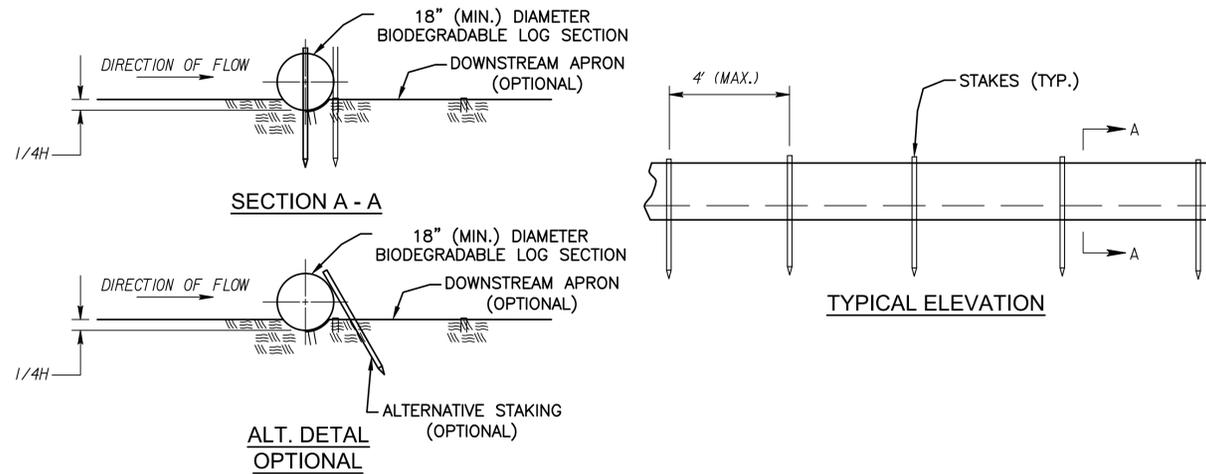
SITE RESTORATION SUMMARY		
ITEMS	QUANTITY	UNIT
SEEDING	2679	S.Y.
SODDING, BUFFALO	4089	S.Y.
TURF REINFORCEMENT MAT	2679	S.Y.
BMP BACK OF CURB PROTECTION	243	L.F
BMP BIODEGRADABLE LOG	3317	L.F
BMP CURB INLET PROTECTION	2	EA.
BMP DROP INLET PROTECTION	6	EA.
BMP DITCH CHECK, ROCK	1	EA.
BMP CONSTRUCTION ENTRANCE	4	EA.



EXCAVATE ANY ROCK OR SAND BASE PRESENT BENEATH THE PAVEMENT. PLAN QUANTITIES ARE BASED ON 6" THICKNESS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH MATERIAL EXCAVATED OR BACKFILLED.

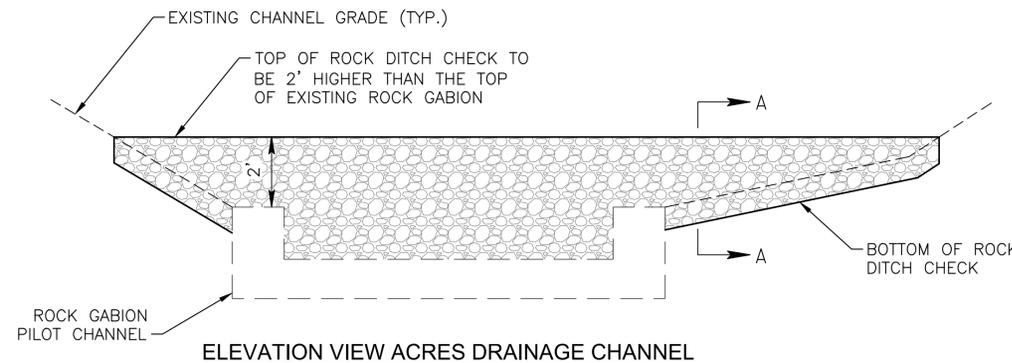
NOTE:  
BACKFILL MATERIAL PLACED OVER UNDISTURBED GROUND SHALL BE CLEARED AND SCARIFIED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS

NOTE:  
BACKFILL AREAS WITH REMOVED PAVEMENT WITH SUITABLE SOIL AND GRADE TO DRAIN. THE TOP 6" OF BACKFILL SHALL BE SELECT SOIL (TOPSOIL) CAPABLE OF SUPPORTING VEGETATION PER THE CITY SPECIFICATION. SOIL MATERIAL FROM CHANNEL EXCAVATION MAY BE USED TO BACKFILL PAVEMENT PAVEMENT/SIDEWALK REMOVAL AREAS IF APPROVED BY THE ENGINEER.

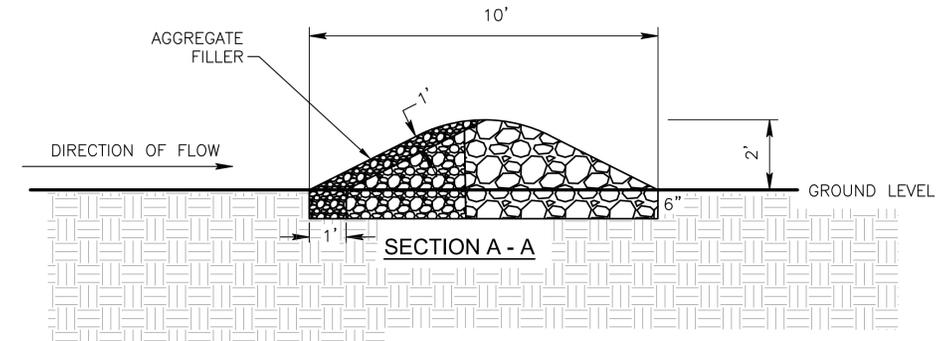


**BIODEGRADABLE LOG INSTALLATION DETAIL**

- ROCK DITCH CHECK NOTE:
- ROCK SHALL BE CLEAN AGGREGATE, D50-6" AND AGGREGATE FILLER.
  - PLACE ROCK IN SUCH MANNER THAT WATER WILL FLOW OVER, NOT AROUND DITCH CHECK.
  - EXCAVATION: THE DITCH AREA SHALL BE RESHAPED TO FILL ANY ERODED AREAS. PRIOR TO PLACEMENT OF THE ROCK, THE DITCH SHALL BE EXCAVATED TO THE DIMENSIONS OF THE ROCK DITCH CHECK AND TO A MINIMUM DEPTH OF 6"



**ELEVATION VIEW ACRES DRAINAGE CHANNEL**



**ROCK DITCH CHECK**



**IMPROVEMENT PLANS FOR  
15TH STREET BRIDGE OVER THE  
WICHITA DRAINAGE CANAL  
WICHITA, KS**

SITE RESTORATION AND EROSION CONTROL DETAILS		
PROJECT NO. 472-2023-085864		
SCALE NO SCALE		
DRAWN	DESIGNED	CHECKED
LDG	JRA	JRA
ISSUED FOR CONSTRUCTION	8-1-2025	
NO.	REVISION	DATE
SHEET NO. 77 OF 114		

J:\PROJECTS\2023\20230810\10431\_COW\_WDC\_BRIDGE REPLACEMENT AT 15TH STREET\100-230431\_CADD\SHR\06\_CIVIL\SITE\2024031\_SITE RESTORATION.DWG