

CITY OF KYLE
GENERAL CONSTRUCTION NOTES
Revised January 2026

1. ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE FOLLOWING REGULATIONS AND SPECIFICATIONS. THE FIRST LISTED WILL HAVE PRIORITY OVER THOSE LISTED BELOW:

PERMITS ISSUED FOR PROJECT BY ANY REGULATORY AGENCIES.
TEXAS COMMISSION ON ENVIRONMENTAL
QUALITY REGULATIONS.
CITY OF KYLE CONSTRUCTION STANDARDS.
PLANS FOR THIS PROJECT.

2. PRIOR TO THE BEGINNING OF CONSTRUCTION, THE DEVELOPER SHALL ARRANGE A PRECONSTRUCTION CONFERENCE. PRECONSTRUCTION SHALL BE SCHEDULED WITH THE DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS OFFICE, 512-262-3024 AND HELD AT THE FACILITY LOCATED AT 520 E RR150, KYLE, TEXAS. REPRESENTATIVES FROM THE FOLLOWING ORGANIZATIONS SHALL BE INVITED:

CITY OF KYLE STAFF INCLUDING THE DIRECTOR OF WATER
UTILITIES, CITY ENGINEER AND THE PUBLIC WORKS INSPECTOR.
CONTRACTOR.
DESIGN ENGINEER.
ELECTRIC, GAS, PHONE AND CABLE UTILITY REPRESENTATIVES, IF
APPROPRIATE.

3. PRIOR TO THE BEGINNING OF CONSTRUCTION, ALL PLAN REVIEW AND CONSTRUCTION INSPECTION FEES SHALL BE PAID TO THE CITY OF KYLE AND THE FOLLOWING PERMITS SHALL BE IN PLACE, IF NECESSARY:

TEXAS DEPARTMENT OF TRANSPORTATION, ENTRY ONTO A HIGHWAY.
U.S. CORPS OF ENGINEERS, SECTION 404, FOR CONSTRUCTION IN
FLOOD PLAIN.
COMPLIANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL
QUALITY (TCEQ) TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM
(TPDES) CONSTRUCTION GENERAL PERMIT (TXR150000).
TEXAS DEPARTMENT OF LICENSING AND REGULATION FOR
ACCESSIBILITY.
TCEQ FOR SIGNIFICANT WATER AND WASTEWATER FACILITIES,
INCLUDING LIFT STATIONS.

4. BENCHMARKS FOR THIS PROJECT ARE DESCRIBED AS FOLLOWS:

5. THE STREET PAVEMENT THICKNESS IS BASED ON A REPORT BY _____ DATED _____, 20__ WHICH RECOMMENDS THE FOLLOWING STREET SECTIONS.

STREET CLASSIFICATION	STREET WIDTH	LIME STABILIZATION OF SUBGRADE	BASE THICKNESS	HOT MIX ASPHALT
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

6. ANY EXISTING PAVEMENT, CURBS, AND/OR SIDEWALKS DAMAGED OR REMOVED SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE BEFORE ACCEPTANCE OF THE SUBDIVISION.
7. THE CONTRACTOR SHALL GIVE THE CITY OF KYLE (PHONE NO. 512-262-3024), 48 HOURS NOTICE PRIOR TO CONNECTING TO ANY EXISTING CITY UTILITY LINE.
8. SIDEWALKS FRONTING PUBLIC RIGHT-OF-WAY LAND OR INCLUDING ALL SIDEWALK RAMPS REQUIRED BY CITY ORDINANCE SHOWN ON THESE PLANS SHALL BE CONSTRUCTED WITH THIS PROJECT.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WARNING AND SAFETY SIGNS, BARRICADES AND TRAFFIC CONTROL DURING CONSTRUCTION. ALL ROAD SIGNAGE SHALL CONFORM TO THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
10. CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE CITY OF KYLE FOR THE USE OF ALL WATER FOR CONSTRUCTION.
11. FOR ALL THE CONSTRUCTION ACTIVITIES BETWEEN 1ST JUNE AND 31ST OCTOBER, THE CONTRACTOR SHALL USE RECLAIMED WATER ONLY, UNLESS OTHERWISE NOTIFIED BY CITY. THE CONTRACTOR SHALL OBTAIN RECLAIMED WATER FROM THE CITY OF KYLE WASTEWATER TREATMENT PLANT LOCATED AT 445 HEIDENREICH LANE, KYLE, TX 78640. THE CONTRACTOR SHALL CONTACT THE KYLE WATER UTILITIES DEPARTMENT TO OBTAIN THE RECLAIMED WATER. ACQUISITION AND DELIVERY OF RECLAIMED WATER IS THE CONTRACTOR'S RESPONSIBILITY AND AT THEIR EXPENSE. USE OF RECLAIMED WATER MUST COMPLY WITH AUTHORIZATION NO. R11041002.
12. ALL FILL OR CUT ON LOTS WHICH IS GREATER THAN TWELVE (12) INCHES SHALL BE SHOWN ON THE PLANS AND SHALL CONFORM TO THE FOLLOWING:
- FILL MATERIAL SHALL NOT CONTAIN ANY ROCKS HAVING A MAXIMUM DIMENSION GREATER THAN SIX (6) INCHES.

FILL MATERIAL SHALL HAVE AT LEAST FIFTY PERCENT (50%) PASSING THE NO. 4 SIEVE.

FILL MATERIAL SHALL BE REASONABLY FREE OF ROOTS, TRASH, CONCRETE RUBBLE AND OTHER ORGANIC MATERIAL.

COMPACTION SHALL BE TO NINETY-FIVE PERCENT (95%) OF MAXIMUM LABORATORY DENSITY DETERMINED IN ACCORDANCE WITH THE ASTM D 698. THE MATERIAL SHALL BE WITHIN THREE (3) PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT DURING COMPACTION.

PLACEMENT SHALL BE IN LIFTS NOT EXCEEDING EIGHT (8) INCHES AFTER COMPACTION. EACH COMPACTED LIFT SHOULD BE INSPECTED AND/OR TESTED FOR DENSITY COMPLIANCE BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING THE NEXT LIFT. THE FILL AREA SHOULD EXTEND AT LEAST 24 INCHES (36 INCHES ON FILLS OVER SIX (6) FEET IN HEIGHT) BEYOND THE BACK OF CURB OR FOUNDATION LINE BEFORE SLOPING DOWNWARD ON NOT MORE THAN THREE (3) TO ONE (1) SLOPE TO NATURAL SOIL. BACKSLOPES SHALL BE WELL COMPACTED. MAXIMUM FILL HEIGHTS SHOULD NOT EXCEED TEN (10) FEET WITHOUT ENGINEERING CONSULTATION.

13. CONTRACTOR SHALL GIVE CITY INSPECTOR 36 HOURS NOTICE OF THE NEED FOR MATERIALS TESTING. ALL TESTING WILL BE ARRANGED AND PAID FOR BY THE CONTRACTOR. THE CITY SHALL RECEIVE A COPY OF TEST RESULTS.
14. CONTRACTOR OR THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND CUT SHEETS FOR PIPE LINES LAID ON GRADE AND ROAD CONSTRUCTION. CUT SHEETS SHALL BE DELIVERED TO THE CITY INSPECTOR 36 HOURS PRIOR TO CONSTRUCTION.
15. IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, ALL TRENCHES OVER 5 FEET IN DEPTH IN EITHER HARD AND STABLE OR SOFT AND UNSTABLE SOIL SHALL BE SLOPED, SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED. FURTHERMORE, ALL TRENCHES LESS THAN 5 FEET IN DEPTH SHALL ALSO BE EFFECTIVELY PROTECTED WHEN HAZARDOUS GROUND MOVEMENT MAY BE EXPECTED. TRENCH SAFETY SYSTEMS TO BE UTILIZED FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.

IN ACCORDANCE WITH THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, WHEN EMPLOYEES ARE REQUIRED TO BE IN TRENCHES 4 FEET DEEP OR MORE, ADEQUATE MEANS OF EXIT, SUCH AS A LADDER OR STEPS, MUST BE PROVIDED AND LOCATED SO AS TO REQUIRE NO MORE THAN 25 FEET OF LATERAL TRAVEL.

16. NO TREES OVER 6 INCHES IN DIAMETER SHALL BE REMOVED UNLESS DESIGNATED TO BE REMOVED ON THE APPROVED PLANS. ALL TREE LIMBS REMOVED OR TRIMMED SHALL BE VERTICALLY CUT AND DRESSED.

17. ALL CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO PROPERTY OWNED BY THE DEVELOPER OR PUBLIC RIGHT-OF-WAY AND EASEMENT UNLESS WRITTEN PERMISSION IS OBTAINED BY THE CONTRACTOR FROM THE PROPERTY OWNER AFFECTED.
18. THE CITY OF KYLE DOES NOT ALLOW ANY BLASTING WITHIN THE CITY LIMITS.
19. CITY OF KYLE ORDINANCE NO. 1078 REQUIRES EXCLUSIVE RIGHTS TO TEXAS DISPOSAL SYSTEMS, INC. (TDS) TO PROVIDE ALL REFUSE SERVICES WITHIN THE CITY OF KYLE. TO OBTAIN SERVICE, CALL TDS at 800-375-8375.
20. ALL STREETLIGHTS SHALL FOLLOW CITY OF KYLE ORDINANCE CHAPTER 41 (SUBDIVISIONS) SEC. 41-146. THE FOUNDATION OF THE STREETLIGHT POLES SHALL BE AT LEAST 5 FEET AWAY FROM ALL KYLE WATER, WASTEWATER AND STORM SEWER INFRASTRUCTURE.
21. NO FIBER OR WIRE MESH ALLOWED IN CONCRETE STRUCTURE. ONLY USE APPROPRIATE SIZE REBAR.
22. ALL DENSITY AND CONCRETE TESTING SHALL BE PERFORMED BY A CERTIFIED LAB TECHNICIAN.
23. CITY OF KYLE IS NOT A PART OF 811, CONTACT CITY AT EMAIL locates@cityofkyle.com FOR KYLE UTILITIES TO BE LOCATED.

TYPICAL SEQUENCE OF CONSTRUCTION

1. HOLD PRECONSTRUCTION CONFERENCE.
2. NO CLEARING OR ROUGH GRADING MAY BE DONE UNTIL THE APPROVED EROSION AND SEDIMENTATION CONTROLS ARE IN PLACE.
3. INSTALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS AND STABILIZATION CONSTRUCTION ENTRANCE, IF REQUIRED, IN THE APPROVED PLANS.
4. ROUGH GRADE STREETS.
5. INSTALL ALL UTILITIES IN RIGHTS-OF-WAY OR EASEMENTS.
6. REGRADE AND COMPACT SUBGRADE. MEET WITH CITY INSPECTOR AND/DESIGN ENGINEER TO DETERMINE AREAS OF DIFFERING STREET SECTION THICKNESS OR SUBGRADE PREPARATION IF CALLED FOR IN THE GEOTECHNICAL REPORT.
7. ENSURE ALL UNDERGROUND UTILITY CROSSINGS ARE IN PLACE INCLUDING SLEEVES FOR DRY UTILITIES AND INSTALL FIRST COURSE OF BASE.
8. INSTALL CURBS, RIPRAP AND MISCELLANEOUS CONCRETE.
9. INSTALL SECOND COURSE OF BASE.

10. LAY ASPHALT.
11. FINAL GRADE ANY DITCHES.
12. REVEGETATE ALL DISTURBED AREAS. DISPOSE OF SPOIL IN AN APPROVED MANNER.
13. SCHEDULE A WALKTHROUGH WITH CITY.
14. AFTER ACCEPTANCE OF CONSTRUCTION, TEMPORARY EROSION CONTROLS MAY BE REMOVED.

MINIMUM CRITERIA FOR ACCEPTANCE

1. ALL CONSTRUCTION IS COMPLETE INCLUDING ALL PUNCH LIST ITEMS, DRY UTILITIES AND RESTORATION.
2. ALL CITY OF KYLE FEES PAID AND MAINTENANCE BOND POSTED.
3. ALL RECORDS OF CONSTRUCTION TESTING AND RECORD DRAWINGS SHOWING ANY CHANGES DURING CONSTRUCTION PROVIDED TO THE CITY OF KYLE.
4. ALL STREET LIGHTING SHOULD BE ACTIVATED, SIGNS AND PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO FINAL WALKTHROUGH.
5. ALL AS-BUILT RECORD DRAWINGS SHALL BE PROVIDED PRIOR TO ACCEPTANCE.
6. ALL DEDICATED EASEMENTS AND OR RIGHT-OF-WAY SHALL BE RECORDED AND REPRESENTED ON AS-BUILT RECORD DRAWINGS PRIOR TO ACCEPTANCE.

WATER AND WASTEWATER NOTES

1. THE CONTRACTOR SHALL SUBMIT TO THE DESIGN ENGINEER, DESCRIPTIVE INFORMATION FOR MATERIALS TO BE USED ON THE PROJECT FOR REVIEW. A COPY OF THE ACCEPTED MATERIAL SHALL ALSO BE PROVIDED TO THE CITY OF KYLE TEN DAYS PRIOR TO THE INSTALLATION OF UTILITIES.
2. PIPE MATERIAL FOR WATER MAINS SHALL BE PVC (AWWA C-900, DR-14) OR DUCTILE IRON (AWWA C-151, CLASS 350).
3. PIPE MATERIAL FOR GRAVITY SEWER SHALL BE SDR-26 PVC IF LOCATED GREATER THAN 9 FEET FROM A WATERLINE, OTHERWISE SHALL BE PRESSURE RATED PIPE.

4. BEDDING FOR FLEXIBLE GRAVITY PIPE (I.E. SDR-26 PVC) SHALL CONFORM TO ASTM 2321 CLASS 1 MATERIAL, I.E., 3/4" - 1" CLEAN ANGULAR CRUSHED ROCK.
5. CITY INSPECTOR SHALL OBSERVE ALL TAPS TO CITY UTILITY LINES AND PRIOR TO ANY UTILITY RELOCATION.
6. CONTRACTOR SHALL DISINFECT AND PRESSURE TEST ALL WATER LINES AND PERFORM LEAK AND DEFLECTION TESTS ON GRAVITY WASTEWATER LINES AT HIS EXPENSE.
7. THE CITY INSPECTOR SHALL BE NOTIFIED 36 HOURS PRIOR TO ALL UTILITY LINE TESTING. CONTRACTOR, WITH CITY STAFF PRESENT, IS RESPONSIBLE FOR SAMPLING. CITY STAFF WILL TRANSPORT BACTERIOLOGICAL TEST SAMPLES TO THE STATE DEPARTMENT OF HEALTH. ALL TEST RESULTS, WHETHER PASSING OR FAILING, SHALL BE PROVIDED TO THE CONTRACTOR. MANDREL DEFLECTION TESTING SHALL NOT BE CONDUCTED UNTIL THE PIPES HAVE BEEN BACKFILLED FOR 30 DAYS.
8. FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION OR APPROVED EQUAL.
9. PRESSURE TAPS SHALL BE IN ACCORDANCE WITH THE CITY OF KYLE. THE CONTRACTOR SHALL DO ALL EXCAVATION ETC., AND SHALL FURNISH, INSTALL AND AIR TEST THE SLEEVE AND VALVE. A CITY OF KYLE INSPECTOR MUST BE PRESENT WHEN TAP IS MADE. "SIZE ON SIZE" TAPS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE DIRECTOR OF WATER UTILITIES. CONCRETE BLOCKING SHALL BE PLACED BEHIND AND UNDER ALL TAP SLEEVES TWENTY-FOUR (24) HOURS PRIOR TO MAKING THE WET TAP.
10. CONTRACTOR SHALL SUBMIT COPPERHEAD TRACING WIRE AND TEST STATION INSTALLATION SUBMITTAL PACKET TO CITY INSPECTION FOR REVIEW.
11. 200 PSI, BLACK, POLYETHYLENE TUBING SHALL BE USED ON WATER SERVICES.
12. ALL MANHOLES SHALL BE INTERNALLY COATED TO CITY OF AUSTIN SPECIFICATIONS, INCLUDING THE TIE-IN MANHOLE, UNLESS WAIVED BY THE DIRECTOR OF WATER UTILITIES.
13. ALL PUBLIC MANHOLE COVERS SHALL HAVE THE CITY OF KYLE LOGO. ALL PRIVATE MANHOLES SHALL NOT DISPLAY KYLE LOGO.
14. ALL GATE VALVE OPERATING NUTS OR THE VALVE EXTENSIONS SHALL BE 24"

OR LESS TO THE FINAL GRADE.

15. BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED ON ALL DOMESTIC, IRRIGATION AND FIRE LINES. THE ASSEMBLIES SHALL BE LEAD FREE, HAVE LABORATORY AND FIELD APPROVAL FROM THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH (USC), COMPLY WITH AMERICAN WATER WORKS (AWWA) STANDARDS C510-97 FOR DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY, C511-97 FOR REDUCED-PRESSURE PRINCIPAL BACKFLOW PREVENTION ASSEMBLY AND CURRENT CITY OF KYLE CROSS CONNECTION CONTROL AND BACKFLOW PREVENTION CODE OF ORDINANCES.
16. QUESTIONS RELATED TO CROSS CONNECTION CONTROL AND BACKFLOW PREVENTION PLEASE CONTACT CITY OF KYLE BACKFLOW PREVENTION COMPLIANCE COORDINATOR AT (512) 262-3024
17. INSTALL ONE WATER SAMPLE STATION PER EVERY 400 CONNECTIONS IN ALL RESIDENTIAL DEVELOPMENT PHASES. IF THE PHASE DOES NOT HAVE 400 CONNECTIONS, THEN ONLY ONE WATER SAMPLE STATION WILL BE NECESSARY. INCLUDE THE PROPOSED PLACEMENT OF EACH SAMPLE STATION IN THE WATER UTILITY DESIGN DRAWING. THE LOCATION SHOULD BE IN A SECTION OF WATER MAIN WHERE THERE ARE 5 WATER SERVICE CONNECTIONS UPSTREAM AND 5 WATER SERVICE CONNECTIONS DOWNSTREAM OF THE SAMPLE STATION.

FIRE PREVENTION NOTES

1. THE CONTRACTOR SHALL PROVIDE COMPACTED FLEXIBLE BASE PAVEMENT PRIOR TO CONSTRUCTION OF COMBUSTIBLE MATERIALS AS AN "ALL WEATHER DRIVING SURFACE."
2. HYDRANTS MUST BE INSTALLED WITH THE CENTER OF THE 4 ½ INCH OPENING AT LEAST EIGHTEEN (18) INCHES ABOVE FINISHED GRADE. THE 4 ½ INCH OPENING MUST FACE THE DRIVEWAY OR STREET WITH 3' - 6" SETBACK FROM CURBLINE(S). NO OBSTRUCTION IS ALLOWED WITHIN THREE (3) FEET OF ANY HYDRANT AND THE 4 ½ INCH OPENING MUST BE TOTALLY UNOBSTRUCTED FROM THE STREET (USE NST THREADS).
3. DESIGNATE NO PARKING - FIRE LANE WITH CURB PAINTED RED AND WHITE STENCIL IN "FIRE ZONE / TOW AWAY ZONE" IN LETTERING 3 INCHES IN HEIGHT IN PROXIMITY TO COMMERCIAL, INDUSTRIAL AND PUBLIC STRUCTURES.

EROSION AND SEDIMENTATION CONTROL

1. AFTER THE PRECONSTRUCTION MEETING IS HELD, THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND FENCING FOR AREAS OUTSIDE OF THE CONSTRUCTION AREA PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR EXCAVATION).

- A. A STORMWATER INSPECTION OF THE EROSION AND SEDIMENT CONTROLS SHALL BE CONDUCTED BY THE CITY OF KYLE STORMWATER PROGRAM PRIOR TO ANY SITE WORK BEING STARTED.
 - B. ENSURE COMPLIANCE WITH THE TCEQ CONSTRUCTION GENERAL PERMIT (CGP) WHICH INCLUDES BUT IS NOT LIMITED TO: POSTING THE SMALL CONSTRUCTION SITE NOTICE AND DEVELOPING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE SITE, IF APPLICABLE.
 - C. PER CITY OF KYLE ORDINANCE CHAPTER 50-409 - UPON DETERMINATION MADE BY THE CITY, EROSION AND SEDIMENTATION CONTROLS MAY BE REQUIRED FOR ALL CONSTRUCTION, DEVELOPMENT AND REDEVELOPMENT, REGARDLESS OF HOW MUCH LAND WILL BE DISTURBED, CONDUCTED WITH OR WITHOUT A PERMIT, INCLUDING WITHOUT LIMITATION TO COMMERCIAL, MULTI-FAMILY, SINGLE-FAMILY, AND DUPLEX CONSTRUCTION, ROADS, UTILITIES, PARKS, GOLF COURSES, WATER QUALITY BASINS, DETENTION BASINS, AND ALL OTHER ACTIVITIES UTILIZING CLEARING, TRENCHING, GRADING OR OTHER CONSTRUCTION TECHNIQUES.
2. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT WEEKLY INTERVALS, AND AFTER SIGNIFICANT RAINFALL EVENTS TO ENSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT CONTROLS MUST BE REMOVED WHEN THE DEPTH REACHES SIX (6) INCHES.
 3. PRIOR TO FINAL ACCEPTANCE BY THE CITY, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF IN APPROVED SPOIL DISPOSAL SITES.
 4. FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE CITY INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES.
 5. PERMANENT EROSION CONTROL: ALL DISTURBED AREAS SHALL BE RESTORED AS NOTED BELOW:
 - A. A MINIMUM OF FOUR (4) INCHES OF TOPSOIL SHALL BE PLACED IN ALL DRAINAGE CHANNELS (EXCEPT ROCK), AND BETWEEN THE CURB AND RIGHT-OF-WAY.
 - B. TRASH, WOOD, BRUSH, STUMPS, ROCKS OVER 1½ INCHES IN SIZE AND OTHER OBJECTIONABLE MATERIAL ENCOUNTERED SHALL BE REMOVED AND DISPOSED OF AS DIRECTED BY THE ENGINEER OR INSPECTOR PRIOR TO BEGINNING OF WORK REQUIRED BY THIS ITEM. GRASS AND

OTHER HERBACEOUS PLANT MATERIALS MAY REMAIN. LARGE CLUMPS SHALL BE BROKEN UP.

- C. THE SEEDING FOR PERMANENT EROSION CONTROL SHALL BE APPLIED OVER AREAS DISTURBED BY CONSTRUCTION AS FOLLOWS:

BROADCAST SEEDING:

- (I) FROM OCTOBER TO FEBRUARY, SEEDING SHALL BE WITH ONE (1) POUND PER 1,000 SQUARE FEET OF UNHULLED BERMUDA OR THREE (3) POUNDS PER 1,000 SQUARE FEET OF WINTER RYE.
- (II) FROM MARCH TO SEPTEMBER, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF ONE (1) POUND PER 1,000 SQUARE FEET.

FERTILIZER, IF USED, SHALL BE SLOW RELEASE GRANULAR OR PALETTE TYPE, AND SHALL HAVE AN ANALYSIS OF 15-15-15, AND SHALL BE APPLIED AT THE RATE OF ONE (1) POUND PER 1,000 SQUARE FEET, ONCE AT THE TIME OF PLANTING, AND AGAIN ONCE DURING THE TIME OF ESTABLISHMENT.

MULCH TYPE USED SHALL BE STRAW OR HAY APPLIED AT A RATE OF 45 POUNDS PER 1,000 SQUARE FEET.

HYDRAULIC SEEDING:

- (I) FROM OCTOBER TO FEBRUARY, SEEDING SHALL BE WITH ONE (1) POUND PER 1,000 SQUARE FEET OF UNHULLED BERMUDA, OR THREE (3) POUNDS PER 1,000 SQUARE FEET OF WINTER RYE.
- (II) FROM MARCH TO SEPTEMBER, SEEDING SHALL BE WITH HULLED BERMUDA AT A RATE OF ONE (1) POUND PER 1,000 SQUARE FEET.

FERTILIZER, IF USED, SHALL BE A WATER SOLUBLE FERTILIZER WITH AN ANALYSIS OF 15-15-15 AT A RATE OF 1.5 POUNDS PER 1,000 SQUARE FEET.

MULCH TYPE SHALL BE HAY, STRAW OR MULCH APPLIED AT A RATE OF 45 POUNDS PER 1,000 SQUARE FEET, WITH A SOIL TACKIFIER AT A RATE OF 1.4 POUNDS PER 1,000 SQUARE FEET.

- D. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK TO A DEPTH OF SIX (6) INCHES. THE IRRIGATION SHALL OCCUR AT 10-DAY INTERVALS DURING THE FIRST TWO (2) MONTHS. RAINFALL OCCURRENCES OF ½ INCH OR MORE SHALL POSTPONE THE WATERING SCHEDULE FOR TEN (10) DAYS.

- E. RESTORATION SHALL BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST 1 INCH HIGH WITH 85% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN 20 SQUARE FEET EXIST.

- F. A SOIL RETENTION BLANKET SHALL BE PLACED ON ALL SLOPES EQUAL TO OR GREATER THAN 3:1. ALL SOIL RETENTION BLANKETS MUST BE LISTED ON THE TXDOT APPROVED PRODUCTS LIST OR APPROVED BY THE CITY.