

CITY OF SHORELINE STANDARD PLAN NOTES

GENERAL NOTES:

1. THE APPLICANT IS RESPONSIBLE TO COMPLY AND ADHERE TO ALL APPLICABLE NOTES UNLESS OTHERWISE DIRECTED BY THESE PLANS, THE ENGINEER, OR A CITY OF SHORELINE REPRESENTATIVE. THE APPLICANT IS PERMITTED TO DIRECT THEIR CONTRACTOR TO FULFILL RESPONSIBILITIES AS DIRECTED, BUT THE APPLICANT IS ULTIMATELY RESPONSIBLE.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. ALL WORK SHALL COMPLY WITH, IN ORDER OF PRECEDENCE:
 - a) THE CITY OF SHORELINE "ENGINEERING DEVELOPMENT MANUAL", 2024 EDITION (SHORELINE STANDARDS AND SHORELINE ENGINEERING DETAILS).
 - b) WSDOT/APWA "2024 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION" (WSDOT/APWA).
 - c) THE SHORELINE MUNICIPAL CODE.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING DATA SHOWN IN THESE DOCUMENTS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS WITH THE PROPOSED FEATURES PRIOR TO CONSTRUCTION.
4. ALL COMPACTION METHODS, MATERIALS AND PERFORMANCE CRITERIA SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, REPORTS, AND SPECIFICATIONS.
5. ALL PIPE LENGTHS, INVERT ELEVATIONS AND DRAINAGE STRUCTURE LOCATIONS ARE MEASURED AT THE CENTER OF THE DRAINAGE STRUCTURE, UNLESS NOTED OTHERWISE.
6. CONTACT THE UNDERGROUND UTILITIES LOCATION SERVICE (1-800-424-5555) TO PROVIDE UTILITY LOCATION AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
7. SEE THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SITE NOTES (SN)

- SN.1. THE CONTRACTOR SHALL HAVE ANY REQUIRED PERMIT(S), CONDITIONS, AND THE APPROVED PLANS AVAILABLE AT THE JOB SITE.
- SN.2. ANY CHANGES FROM THE APPROVED PLANS REQUIRE PRE-APPROVAL FROM THE ENGINEER.
- SN.3. ALL WORK SHALL CONFORM TO THESE APPROVED PLANS AND SPECIFICATIONS, THE SHORELINE MUNICIPAL CODE, THE ENGINEERING DEVELOPMENT MANUAL, AND FEDERAL, STATE, AND COUNTY REQUIREMENTS. ALL INSTALLATION METHODS AND MATERIALS SHALL MEET THE WSDOT/APWA STANDARD SPECIFICATIONS.
- SN.4. THE CONTRACTOR ASSUMES SOLE RESPONSIBILITY FOR WORKER SAFETY AND DAMAGE FROM CONSTRUCTION OPERATIONS TO STRUCTURES AND OTHER IMPROVEMENTS.
- SN.5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR.
- SN.6. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY REQUIRES A RIGHT-OF-WAY USE PERMIT, TO BE REVIEWED PRIOR TO CONSTRUCTION AND INSPECTED DURING CONSTRUCTION.
- SN.7. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND AVOID OTHER UTILITIES NOT SHOWN ON THE PLANS. EXISTING UTILITIES SHALL BE PROTECTED, SUPPORTED, OR MAINTAINED DURING CONSTRUCTION.
- SN.8. SURVEYING SHALL BE PERFORMED UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR. VERTICAL DATUM SHALL BE NAVD 1988. HORIZONTAL DATUM SHALL BE WASHINGTON STATE (GRID) COORDINATES, NORTH ZONE, USING NAD 83/91 SURVEY CONTROL AND TO ANY TWO CITY OF SHORELINE HORIZONTAL CONTROL MONUMENTS. FOR PROJECTS WITHIN A FLOOD CONTROL ZONE, THE SURVEYOR SHALL PROVIDE CONVERSION CALCULATIONS TO NGVD 1929.
- SN.9. THE CONTRACTOR BEARS ALL RESPONSIBILITY TO REPLACE OR RELOCATE, WITH ENGINEER'S OR INSPECTOR'S APPROVAL, ALL SIGNS, STRIPING, POLES, AND OTHER ITEMS IN THE RIGHT-OF-WAY THAT ARE DAMAGED OR REMOVED DURING CONSTRUCTION.
- SN.10. RETAIN, REPLACE, OR RESTORE ALL VEGETATION IN RIGHTS-OF-WAY, EASEMENTS, AND ACCESS TRACTS DISTURBED DURING CONSTRUCTION.
- SN.11. THE CONTRACTOR SHALL RESTORE TO CURRENT STANDARDS PUBLIC AND PRIVATE PROPERTY DAMAGED BY CONTRACTOR'S ACTIVITIES, AND CRITICAL AREAS AFFECTED BY CONSTRUCTION OPERATIONS.
- SN.12. THE CONTRACTOR SHALL MAINTAIN ACCESS TO BUILDINGS AND STRUCTURES FOR FIRE, POLICE, PEDESTRIAN, AND VEHICULAR ACCESS AT ALL TIMES.
- SN.13. ALL UTILITY TRENCHES AND ROADWAY SUBGRADES WITHIN THE CITY RIGHT-OF-WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS.

TRAFFIC CONTROL CONDITIONS (TC)

- TC.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INTERIM TRAFFIC CONTROL DURING CONSTRUCTION ON OR ALONG ROADS WITHIN CITY RIGHT-OF-WAY.
- TC.2. WHEN WORK IS TO BE PERFORMED ON CITY ROADS THAT ARE OPEN TO TRAFFIC, THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN TRAFFIC CONTROL PLAN FOR APPROVAL BY THE REVIEWING AGENCY. REQUEST FOR MODIFICATIONS TO PREVIOUSLY APPROVED TRAFFIC CONTROL PLANS SHALL BE SUBMITTED FOR APPROVAL 10 DAYS PRIOR TO BEGINNING THE WORK. TRAFFIC CONTROL SHALL FOLLOW THE MOST CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS. FOR MORE INFORMATION CONTACT THE CITY OF SHORELINE RIGHT-OF-WAY INSPECTOR.
- TC.3. ALL BARRICADES, SIGNS AND FLAGGING SHALL CONFORM TO THE REQUIREMENTS OF THE MUTCD. SIGNS MUST BE LEGIBLE AND VISIBLE AND SHALL BE REMOVED AT THE END OF EACH WORK DAY IF NOT APPLICABLE AFTER CONSTRUCTION HOURS.
- TC.4. WHEN TEMPORARY ROAD CLOSURES CANNOT BE AVOIDED, THE CONTRACTOR SHALL COORDINATE WITH THE CITY AND MUST RECEIVE PERMISSION FOR THE PROPOSED ROAD CLOSURE. UPON APPROVAL FOR THE CLOSURE, THE CONTRACTOR SHALL POST "TO BE CLOSED" SIGNS A MINIMUM OF FIVE DAYS PRIOR TO THE CLOSING. THE TYPES AND LOCATIONS OF THE SIGNS SHALL BE SHOWN ON A DETOUR PLAN.
- TC.5. A DETOUR PLAN MUST BE PREPARED AND SUBMITTED TO THE CITY OF SHORELINE PLANNING AND DEVELOPMENT SERVICES DEPARTMENT AT LEAST 10 WORKING DAYS IN ADVANCE, AND APPROVED PRIOR TO CLOSING ANY CITY ROAD. IN ADDITION, THE CONTRACTOR MUST NOTIFY, IN WRITING, LOCAL FIRE, SCHOOL, LAW ENFORCEMENT AUTHORITIES, METRO TRANSIT, UTILITIES, BUSINESSES, AND ANY OTHER AFFECTED PERSONS AS DIRECTED BY THE ENGINEER AT LEAST FIVE DAYS PRIOR TO CLOSING. ANY PROPOSED ROADWAY CLOSURE ALSO REQUIRES A PUBLIC NOTICE PUBLISHED IN THE NEWSPAPER OF RECORD A MINIMUM OF THREE CALENDAR DAYS PRIOR TO THE CLOSURE PER SHORELINE MUNICIPAL CODE 12.15.130.
- TC.6. IF THE CONSTRUCTION OF A PROPOSED DEVELOPMENT IS DETERMINED BY THE CITY TO REQUIRE SPECIAL ROUTING OF LARGE TRUCKS OR HEAVY CONSTRUCTION EQUIPMENT TO PREVENT IMPACTS TO SURROUNDING ROADS, RESIDENCES, OR BUSINESSES, THE CONTRACTOR SHALL BE REQUIRED TO DEVELOP AND USE AN APPROVED HAUL ROUTE. THE HAUL ROUTE PLAN MUST BE PREPARED AND SUBMITTED TO THE CITY AND APPROVED PRIOR TO BEGINNING CONSTRUCTION. THE HAUL ROUTE PLAN SHALL ADDRESS ROUTING, HOURS OF OPERATION, SIGNAGE AND FLAGGING, AND DAILY MAINTENANCE. IF THE CONTRACTOR'S LARGE TRUCKS OR HEAVY CONSTRUCTION EQUIPMENT FAILS TO USE THE DESIGNATED HAUL ROUTE, THE CITY MAY PROHIBIT OR LIMIT FURTHER WORK ON THE DEVELOPMENT UNTIL SUCH TIME AS THE REQUIREMENTS OF THE HAUL ROUTE ARE COMPLIED WITH.
- TC.7. KING COUNTY METRO, SOUND TRANSIT, AND COMMUNITY TRANSIT SHALL BE NOTIFIED A MINIMUM OF FIVE BUSINESS DAYS IN ADVANCE FOR BUS STOP CLOSURES AND 10 BUSINESS DAYS IN ADVANCE FOR ROAD CLOSURES THAT FACILITATE BUS REROUTES. EACH AGENCY CAN BE CONTACTED THROUGH THE FOLLOWING CHANNELS.
 - a) KING COUNTY METRO CONSTRUCTION COORDINATORS: (206) 477-1140; EMAIL: CONSTRUCTION.COORD@KINGCOUNTY.GOV.
 - b) COMMUNITY TRANSIT: (800) 562-1375; EMAIL: RIDERS@COMTRANS.ORG.
 - c) SOUND TRANSIT: (800) 201-4900; EMAIL: MAIN@SOUNDTRANSIT.ORG.

TEMPORARY EROSION AND SEDIMENTATION CONTROL REQUIREMENTS (TESC)

- TESC.1. THE IMPLEMENTATION AND MAINTENANCE OF EROSION CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR ON A DAILY BASIS UNTIL FINAL CONSTRUCTION IS COMPLETED AND ALL EXPOSED SOILS ARE STABILIZED.
- TESC.2. PROTECT THE FOLLOWING AT ALL TIMES: CRITICAL AREAS AND THEIR BUFFERS, ADJACENT PRIVATE PROPERTIES AND PUBLIC PROPERTY, UTILITIES, AND SURVEY MONUMENTS.
- TESC.3. ALL TREES SHALL BE PROTECTED UNLESS IDENTIFIED FOR REMOVAL ON THE PLANS OR APPROVED BY THE CITY. ALL TREES PLANNED FOR REMOVAL FROM THE RIGHT-OF-WAY SHALL BE POSTED WITH THE RIGHT-OF-WAY TREE REMOVAL NOTIFICATION SIGN AT LEAST 14 CALENDAR DAYS PRIOR TO REMOVAL.
- TESC.4. TEMPORARY EROSION SEDIMENTATION CONTROL (TESC) BEST MANAGEMENT PRACTICES (BMPs) MUST BE CONSTRUCTED AND OPERATIONAL PRIOR TO ANY GROUND DISTURBANCE, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER OR AIRBORNE SEDIMENT DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER OR AIR QUALITY STANDARDS DURING THE CONSTRUCTION PERIOD. THESE TESC FACILITIES SHALL BE UPGRADED TO INCLUDE ADDITIONAL BMPs AS NEEDED FOR UNEXPECTED STORM EVENTS.
- TESC.5. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED BY THE CITY OF SHORELINE TO ENSURE THAT PAVED AREAS ARE KEPT CLEAN FOR THE PROJECT DURATION.
- TESC.6. ALL EXISTING AND PROPOSED CATCH BASINS DOWNSTREAM OF THE DISTURBED AREA AND WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED DURING CONSTRUCTION PER THE WSDOT STD PLAN I-40.20-00.
- TESC.7. THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS WHERE FEASIBLE. REFER TO DEPARTMENT OF ECOLOGY STANDARD DETAIL FOR SILT FENCE (FIGURE II-3.22). A TRENCH SHALL BE EXCAVATED UPGRADIENT AND ADJACENT TO THE POST TO ALLOW THE FILTER FABRIC TO BE BURIED.
- TESC.8. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPGRADIENT SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES, TIE WIRE, OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF FOUR INCHES. THE STANDARD STRENGTH FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES. WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF STANDARD NOTES APPLY.
- TESC.9. FILTER FABRIC FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPGRADIENT SLOPE AREA HAS BEEN PERMANENTLY STABILIZED. FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- TESC.10. THE EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHOWN ON THE TESC PLANS ARE MINIMUM REQUIREMENTS. FIELD ADJUSTMENTS SHALL BE MADE TO ENSURE THE TESC PERFORMS IN ACCORDANCE WITH THE 2019 DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.
- TESC.11. INSPECT AND MAINTAIN BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH THE 2019 DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.
- TESC.12. DURING THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION AND PROMPTLY REPAIR, RESTORE OR REPLACE ALL GRADE SURFACES; WALLS, DRAINS, DAMS, STRUCTURES, VEGETATION, TESC MEASURES, AND OTHER PROTECTIVE DEVICES IN ACCORDANCE WITH APPROVED PLANS.
- TESC.13. THE CONTRACTOR SHALL MONITOR DOWNSTREAM DRAINAGE FEATURES, AND, WITH THE CITY'S APPROVAL, SHALL REMOVE ALL SEDIMENT DEPOSITION RESULTING FROM THE PROJECT-RELATED WORK.

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CITY OF SHORELINE
PROJECT NAME
GENERAL NOTES

DRAWING NO.	C0-2
PROJECT NO.	XXXX
FED AID NO.	XXX
DATE:	XXXXXX
SHEET NO.	XX OF XX