



SOIL EROSION & SEDIMENTATION CONTROL NOTES

- ALL CONSTRUCTION METHODS SHALL BE DONE IN COMPLIANCE WITH THE MICHIGAN SOIL EROSION AND SEDIMENTATION CONTROL ACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A "SOIL EROSION PERMIT" FROM THE CITY OF ANN ARBOR AND AN "PERMIT BY RULE/NOTICE OF COVERAGE" FROM THE EGLE PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS OF THE CITY "SOIL EROSION PERMIT" AND FOR ALL CERTIFIED STORM WATER INSPECTION SERVICE REQUIRED BY THE "PERMIT BY RULE." EROSION CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS AND SHALL NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR PROVIDING ALL REQUIRED EROSION CONTROL MEASURES.
 - AVOID UNNECESSARY DISTURBING OR REMOVING OF EXISTING VEGETATED TOPSOIL OR EARTH COVER. THESE COVER AREAS ACT AS SEDIMENT FILTERS.
 - ALL TEMPORARY SOIL EROSION PROTECTION SHALL REMAIN IN PLACE UNTIL REMOVAL IS REQUIRED FOR FINAL CLEAN UP AND APPROVAL.
 - GEOTEXTILE SILT FENCE SHALL BE INSTALLED AS REQUIRED WHEN CROSSING CREEKS OR WHEN ADJACENT TO WETLANDS OR SURFACE WATER BODIES TO PREVENT SILTATION AND ELSEWHERE AS DIRECTED BY THE ENGINEER. SEEDING AND/OR SODDING SHALL BE INSTALLED ON CREEK BANKS IMMEDIATELY AFTER CONSTRUCTION TO PREVENT EROSION.
 - MAINTENANCE, CLEANING, AND REMOVAL OF THE VARIOUS SEDIMENT CONTROL MEASURES SHALL BE INCLUDED IN THE VARIOUS EROSION CONTROL ITEMS.
- NUMBER IN CIRCLE REFERS TO NUMBERED DETAILS ON MDOT STANDARD PLAN R-96 SERIES, SOIL EROSION & SEDIMENTATION CONTROL MEASURES. "TP" DENOTES TEMPORARY MEASURE AND "T" DENOTES TEMPORARY MEASURE. SOIL EROSION CONTROL PLANS DENOTE MINIMUM EROSION MEASURES REQUIRED AS DESCRIBED BELOW.
- 3P DENOTES PERMANENT SEEDING. ALL DISTURBED AREAS NOT PAVED OR GRAVELED SHALL BE RESTORED TO PLACE TOPSOIL SURFACE, SALV. 3 INCH, MIXED SEEDING MIXTURE THAT APPLIED AT A RATE OF 176 LB/ACRE, FERTILIZER, CHEMICAL NUTRIENT, CL A APPLIED AT A RATE OF 228 LB/ACRE MULCH AT A RATE OF 2 TON/ACRE AND MULCH ANCHORING. (APPLIES TO ENTIRE PROJECT)
 - 7P DENOTES RIPRAP. INSTALL RIPRAP, PLAIN AS DIRECTED BY THE ENGINEER IN THE FIELD. THE RIPRAP, PLAIN PAY ITEM SHALL INCLUDE A GEOTEXTILE UNDERLAYMENT.
 - 14T DENOTES GRAVEL ACCESS APPROACH. APPROACH SHALL BE INSTALLED TO PROVIDE STABLE ACCESS TO ROADWAYS AND MINIMIZE DUST AND TRACKING OF MATERIALS ONTO PUBLIC STREETS AND HIGHWAYS. CONSTRUCT PER TEMPORARY CONSTRUCTION ENTRANCE DETAIL.
 - 20T DENOTES TEMPORARY SILT FENCE. SILT FENCE SHALL BE INSTALLED AT CREEK CROSSINGS, ADJACENT TO ALL WETLANDS AND SURFACE WATERS, AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. EACH SILT FENCE SHALL BE INSTALLED GENERALLY ALONG THE SAME CONTOUR ELEVATION.
 - 20T DENOTES INLET PROTECTION FABRIC DROP. SHALL BE INSTALLED AT EXISTING AND PROPOSED STORM SEWER INLETS TO PROVIDE SETTLING AND FILTERING OF SILT LADEN WATER PRIOR TO ENTRY INTO THE DRAINAGE SYSTEM.
 - 20T DENOTES MULCH BLANKETS. MULCH BLANKET SHALL BE PROVIDED AT LOCATIONS SHOWN ON THE PLANS, AT SLOPES GREATER THAN 1:3, AREAS WITH CONCENTRATED FLOWS, AND AS DIRECTED BY THE ENGINEER IN THE FIELD, TO PREVENT RUNOFF AND EROSION.

LEGEND

EXISTING	PROPOSED	
—	—	CABLE
—	—	ELECTRIC LINE
—	—	ELECTRIC LINE (OVERHEAD)
—	—	FIBER OPTIC LINE
—	—	GAS LINE
—	—	TELEPHONE LINE
—	—	FENCE
—	—	FORCEMAIN
—	—	GUARDRAIL
—	—	SANITARY SEWER
—	—	STORM SEWER
—	—	WATER MAIN
—	—	CENTER LINE
—	—	EXISTING TREE LINE
—	—	EXISTING DITCH LINE
—	—	EASEMENT LINE/GRADING PERMIT
—	—	GRADING LIMITS/LIMITS OF DISTURBANCE
—	—	PROPERTY LINE
—	—	RIGHT-OF-WAY LINE
—	—	SECTION LINE
—	—	TO BE ABANDONED

⊠	ANTENNA	⊠	PAVEMENT/SOIL BORING
⊠	CATCH BASIN	⊠	PROPOSED HYDRANT
⊠	CABLE RISER BOX	⊠	PROPOSED GATE VALVE & BOX
⊠	CLEAN OUT	⊠	PROPOSED GATE VALVE & VAULT
⊠	CURB INLET	⊠	PROPOSED REDUCER
⊠	ELECTRIC MANHOLE	⊠	PROPOSED SANITARY MANHOLE
⊠	FIRE HYDRANT	⊠	PROPOSED STORM MANHOLE
⊠	FOUND IRON PIPE	⊠	STORM MANHOLE
⊠	GAS VALVE	⊠	TELEPHONE MANHOLE
⊠	GUY ANCHOR	⊠	TELEPHONE RISER BOX
⊠	LIGHT POLE	⊠	TURNING POINT/TRANSVERSE
⊠	MAILBOX	⊠	UTILITY POLE
⊠	MONITORING WELL	⊠	VAULT
⊠	POST	⊠	WATER ELEVATION
⊠	SATELLITE DISH	⊠	WATER MANHOLE
⊠	SANITARY MANHOLE	⊠	WATER METER
⊠	SECTION CORNER	⊠	WATER VALVE
⊠	SIGN	⊠	WATER SPIGOT
⊠		⊠	WELL

