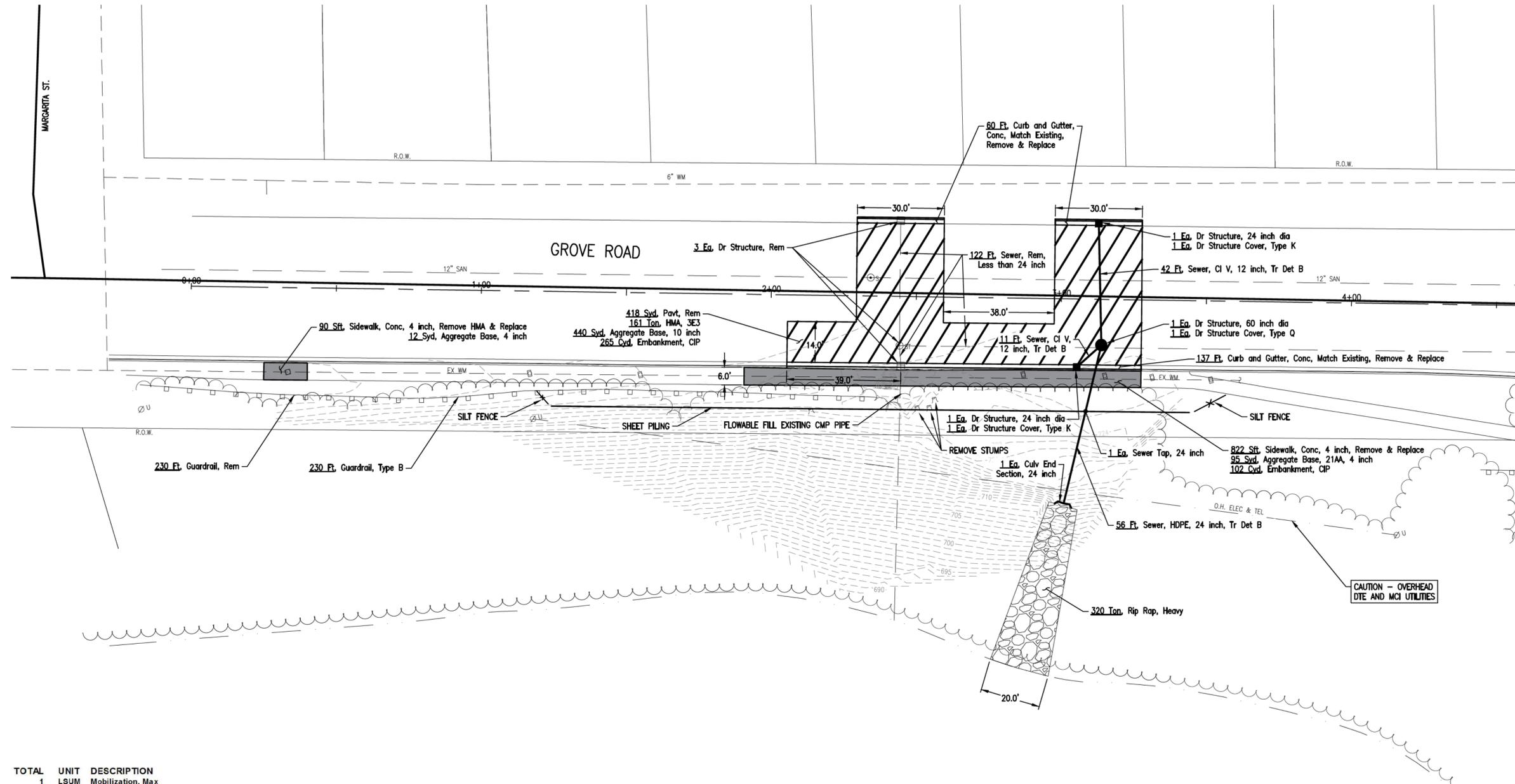


GROVE ROAD



TOTAL	UNIT	DESCRIPTION
1	LSUM	Mobilization, Max
2	Ea	Stump, Rem, 19 inch to 36 inch
1	Ea	Stump, Rem, 37 inch or Larger
3	Ea	Dr Structure, Rem
122	Ft	Sewer, Rem, Less than 24 inch
197	Ft	Curb and Gutter, Rem
230	Ft	Guardrail, Rem
418	Syd	Pavt, Rem
99	Syd	Sidewalk, Rem
569	Cyd	Embankment, CIP
6	Ea	Erosion Control, Inlet Protection, Fabric Drop
245	Ft	Erosion Control, Silt Fence
107	Syd	Aggregate Base, 4 inch
440	Syd	Aggregate Base, 10 inch
1	Ea	Culv End Sect, 24 inch
53	Ft	Sewer, CI V, 12 inch, Tr Det B
1	Ea	Sewer Tap, 24 inch
56	Ft	Sewer, HDPE, 24 inch, Tr Det B
2	Ea	Dr Structure Cover, Type K
1	Ea	Dr Structure Cover, Type Q
2	Ea	Dr Structure, 24 inch dia
1	Ea	Dr Structure, 60 inch dia
300	Ft	Underdrain, Subgrade, 6 inch
320	Ton	Riprap, Heavy

BY OTHER'S		
TOTAL	UNIT	DESCRIPTION
161	Ton	HMA, 3E3
197	Ft	Curb and Gutter, Conc, Match Existing, Remove and Replace
912	Sft	Sidewalk, Conc, 4 inch
230	Ft	Guardrail, Type B
300	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
750	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow
137	Syd	Turf Establishment

NOTES:

- COMPLETE ALL WORK IN ACCORDANCE WITH THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- INSTALL STORM SEWER THROUGH EXISTING STEEL SHEET PILING WALL CUTTING HOLE THROUGH THE SHEET PILING AND INSTALLING THE SEWER IS PAID FOR AS SEWER TAP, 24 INCH.
- FROM MH-1 TO THE OUTLET, HDPE PIPE SHALL BE FUSABLE (NO JOINTS).
- THE EXISTING CATCH BASINS ARE TO BE FULLY REMOVED. EXISTING MANHOLE SECTIONS ARE TO BE REMOVED IN ACCORDANCE WITH THE WASHTENAW COUNTY ROAD COMMISSION (WCRC) ENGINEER. IF ABANDONED, THE STRUCTURE SHALL BE ABANDONED WITH FLOWABLE FILL. THE REMOVAL OR ABANDONMENT OF A STRUCTURE IS PAID FOR AS DR STRUCTURE, REM.
- THE EXISTING CMP PIPE SHOWN TO BE FLOWABLE FILLED WILL BE FILLED UNTIL THE POINT IT INTERSECTS WITH THE SHEET PILING APPROXIMATELY 20- FEET FROM THE EXISTING MANHOLE. PAYMENT FOR THIS IS INCLUDED IN THE CONTRACT UNIT PRICE FOR DR STRUCTURE, REM.
- BULKHEADING STORM PIPE IS TO BE DIRECTED AS NECESSARY BY THE WCRC ENGINEER. PAYMENT FOR BULKHEADING IS INCLUDED IN SEWER, REM, LESS THAN 24 INCH.
- CLEARING INCLUDES REMOVAL OF BRUSH, TREES (REGARDLESS OF SIZE), PLANT LIFE, ETC.
- UNDERDRAIN TO BE TIED INTO DRAINAGE STRUCTURES.
- ADDITIONAL EMBANKMENT, CIP QUANTITIES SHALL BE USED IN THE AREAS SOUTH OF THE SIDEWALK AROUND THE SHEET PILING.
- CURB AND GUTTER THAT IS REMOVED SHALL BE REPLACED MATCHING THE EXISTING, PER WCRC ENGINEER.
- GUARDRAIL IS TO BE REMOVED STARTING FROM THE EAST END, WORKING TO THE WEST.
- MULCH BLANKET QUANTITIES ARE SHALL USED IN AREAS IN NEED OF RESTORATION.
- PER YCUA, NO WATER MAIN ITEMS OR QUANTITIES ARE INCLUDED.



Know what's below.
Call before you dig.

DATE	PROJ NUMBER	ENG	PROJ IGR	CADD	COUNTY	CITY/TOWNSHIP	SCALE	HORIZ DATUM	VERT DATUM	REVISIONS
					WASHTENAW	YPSILANTI	1"=20'	###	###	### ### ### ### ###
WASHTENAW COUNTY ROAD COMMISSION GROVE ROAD SLOPE STABILIZATION CONSTRUCTION PLAN										
SHEET										1
										OF 2

