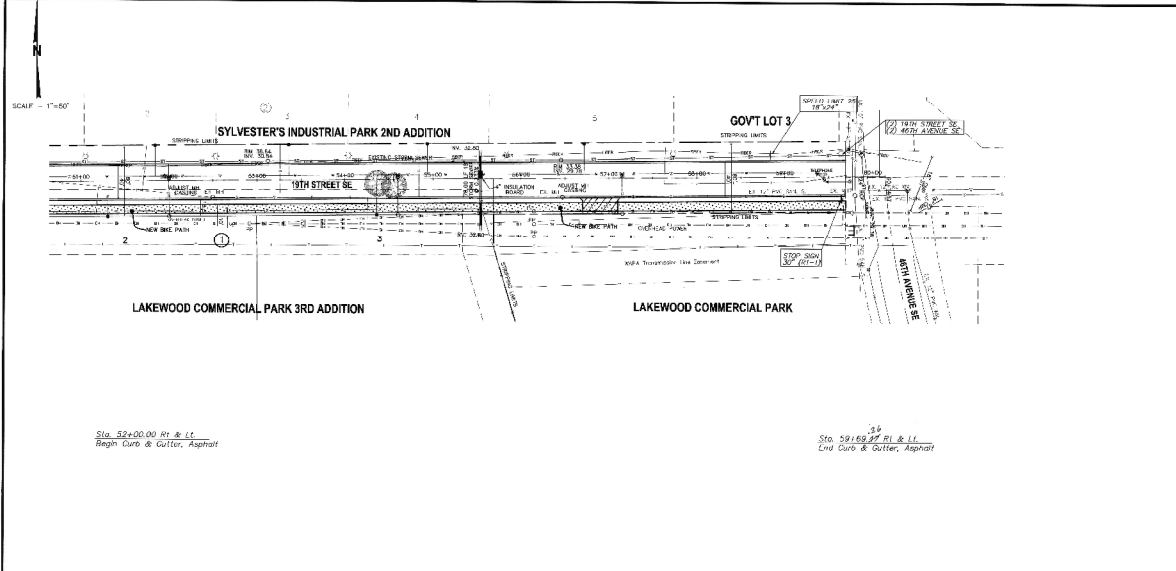


**CONSTRUCTION NOTES (THIS SHEET)**

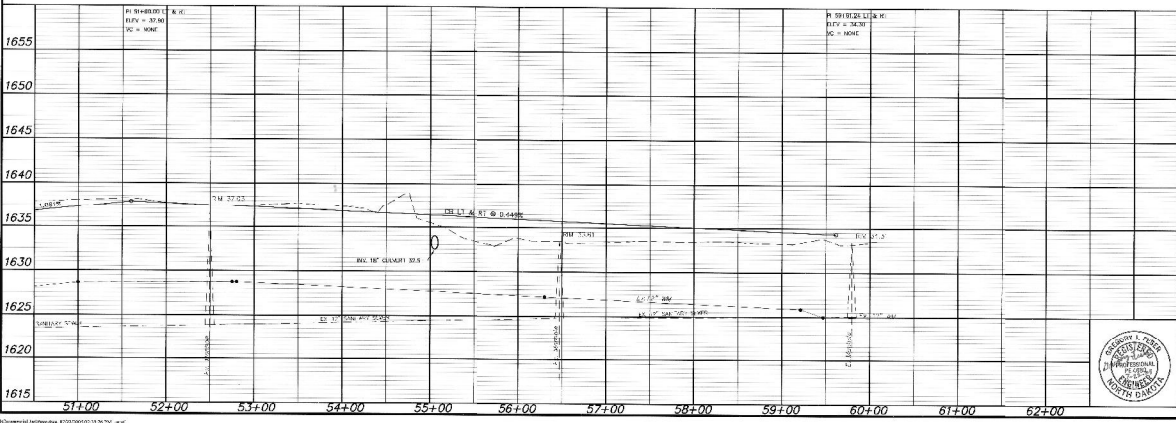
1. THE EXISTING SANITARY SEWER MAINLINE AT STA. 50+48 REQUIRES AN ADDITIONAL 48" MANHOLE SECTION ABOVE THE FILLED SECTION SHALL BE 18" TALL. THE CONSTRUCTION SHALL REMOVE THE COUPLER SECTION OF THE MANHOLE, PLACE THE FILLED SECTION, AND THEN RESET THE COUPLER SECTION. MANHOLE AND CONSTRUCTION DETAILS FROM FALLING INTO THE MANHOLE. THIS MANHOLE WAS CONSTRUCTED IN THE 1970'S. SAID WORK SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR "ADD MANHOLE SECTION".
2. THE EXISTING STORM SEWER MAINLINE AT STA. 50+48 REQUIRES AN ADDITIONAL 48" MANHOLE SECTION ABOVE THE FILLED SECTION SHALL BE 18" TALL. THE CONSTRUCTION SHALL REMOVE THE COUPLER SECTION OF THE MANHOLE, PLACE THE FILLED SECTION, AND THEN RESET THE COUPLER SECTION. MANHOLE AND CONSTRUCTION DETAILS FROM FALLING INTO THE MANHOLE. THIS MANHOLE WAS CONSTRUCTED IN THE 1970'S. SAID WORK SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR "ADD MANHOLE SECTION".
3. LOCATE THE 15" WATERMAIN AT APPROXIMATELY STA. 55+00 WITHIN CONSTRUCTION OF STORM SEWER. CALLOUT = 4" X 4" X 4" INSULATION BOARD 6" ABOVE THE TOP OF THE WATERMAIN.
4. REMOVE THE REMAINING TREES NOT REMOVED BY THE WATER/SEWER CONTRACTOR WITHIN THE 10' STRIP TO THE RIGHT OF WAY. REMOVE TREES A MINIMUM OF 2" DBH OR THE EXISTING GRADE OR PROPOSED FINISHED GRADE, WHICHEVER IS DEEPER.
5. THE LOCATION OF DEVIATORS WHICH WILL REQUIRE GRADE CUTS TO BE VERIFIED AT THE TIME OF CONSTRUCTION.
6. INSUREMENTS THAT HAVE THEIR REVENUES DEDUCTED AS PART OF THIS PROJECT SHALL BE REPAIRED/REPLACED WITH THE SAME MATERIAL THAT WAS ORIGINALLY THERE OR, IF THAT MATERIAL IS UNAVAILABLE, WITH AN EQUIVALENT MATERIAL/PRODUCT WITH APPROVAL. AN INVOICE IS REQUIRED TO BE SUBMITTED BY THE CONTRACTOR. SAID WORK SHALL BE PAID FOR AT THE UNIT PRICE BID FOR ASPHALT OR CURB & GUTTER ACCORDINGLY.
7. THE CONTRACTOR FOR THE 46TH AVENUE SE RECONSTRUCTION PROJECT ANTICIPATES CONSTRUCTION OF THE INTERSECTIONS OF 19TH STREET SE AND 26TH STREET SE BETWEEN MIDDLE JULY 2009 TO MIDDLE AUGUST 2009. THEREFORE THE CONTRACTOR SHALL COORDINATE WITH THE 46TH AVENUE SE CONTRACTOR FOR CONCLUDING TO EACH OTHERS WORK.
8. SHALL BULK TRIFTS AND BRUSH ARE REMOVED ON THE EAST END OF 19TH STREET SE IT IS UNDERSTOOD THAT SALVAGING TOPSOIL WILL BE VERY DIFFICULT. THE CONTRACTOR SHALL REMOVE AND DEPOSE OF OFFICE OFFICE. THIS A LARGE AMOUNT OF TREE ROOTS OR OTHER DEBRIS OF WHICH SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE BID FOR "TOPSOIL REMOVAL".

THE CONTRACTOR HAS THE ENTIRE RESPONSIBILITY OF OBTAINING ALL NECESSARY PERMITS AFTER THE STORM SEWER IS COMPLETED. THE CONTRACTOR SHALL PERFORM ANY AND ALL WORKING AROUND THE PLANNED PHASE SECTIONS TO BE 100% FUNCTIONAL PROPERLY.



Slo. 52+00.00 RI & LI  
Regn. Curb & Gutter, Asphalt

Slo. 59+69.97 RI & LI  
Curb & Gutter, Asphalt



STATION	APPROXIMATE QUANTITIES
1655	<b>GRADED ITEMS</b> Excavate and Stockpile Topsoil 5880 CY Grading 1.65 Subgrade Preparation 262.8 CY Topsoil 5880 CY Seeding & Mulching 5880 SY
1650	<b>ASPHALT ITEMS</b> 4" AC Base Course (Course A) 327 Ton 4" AC Surface Course (Course A) 351 Ton 4" AC Surface Course (Course B) 131 Ton Bituminous Seal Coat 178 Gal Aggregate Seal Coat 282.5 SY Asphalt Manhole Curing 1 EA
1645	<b>CONCRETE ITEMS</b> Storm Curb & Gutter 1538 LF
1640	<b>STORM SEWER ITEMS</b> 15" 120' Storm Sewer 76 LF 15" 120' Storm Sewer Excavation 2 EA
1635	<b>MISCELLANEOUS ITEMS</b> Signage 1 LS Add Manhole Section 2 EA 4" Insulation Board 50 SF Asphalt Storm Drain 1 EA
1630	 <b>19TH STREET SE</b> FROM 500' WEST OF 46TH AVENUE SE TO 46TH AVENUE SE STREET IMPROVEMENT DISTRICT NO. 133 SHEET 08 OF 19 PROJECT 2005-16 MANDALU, ND JULY 22, 2005 Revised Drawing COPYRIGHT 2005 SWENSON, HAGEN & CO.
1625	
1620	
1615	

