

20100500	TREF REMOVAL - ACRES		OFFSET	SO FT	REMARKS
ACRE	LOCATION				
US 20					
0.09	919+62.00	920+43.00	EB	3,917.0	
0.84	923+81.00	929+24.00	EB	36,585.0	
0.19	933+20.00	934+78.00	EB	8,154.0	
0.10	920+25.00	921+07.00	WB	4,237.0	
0.63	924+43.00	929+23.00	WB	27,317.0	
0.15	933+20.00	934+78.00	WB	6,668.0	
<b>2.00</b>	<b>TOTAL</b>				

25000500	PHOSPHOROUS FERTILIZER NUTRIENT		APPLICATION RATE: 90lbs / ACRE			
POUND	LOCATION	OFFSET	SO FT	SLOPE	ADJ ACRE	REMARKS
US 20						
131	909+00.00	922+35.00	EB OUTSID	60,049	105%	1.45
8	908+93.60	911+02.40	MEDIAN	3,454	105%	0.09
56	913+31.20	922+50.50	MEDIAN	25,349	105%	0.62
9	917+50.00	920+41.00	WB OUTSID	3,930.3	105%	0.10
110	910+61.00	923+04.70	WB OUTSID	50,302	105%	1.22
7	934+80.00	937+80.00	WB OUTSID	2,926.6	105%	0.08
STRUCTURE OMISSION						
67	923+96.90	929+08.40	EB OUTSID	30,348	105%	0.74
34	924+41.00	929+01.00	MEDIAN	15,595	105%	0.38
49	924+86.00	929+28.00	WB OUTSID	22,338	105%	0.54
STRUCTURE OMISSION						
68	933+07.00	948+00.00	EB OUTSID	30,920	105%	0.75
41	933+07.00	946+15.00	EB OUTSID	18,877.7	105%	0.46
65	933+07.00	943+15.00	MEDIAN	29,849	105%	0.72
8	945+06.00	947+15.00	MEDIAN	3,445	105%	0.09
69	933+07.00	950+10.00	WB OUTSID	31,656	105%	0.77
<b>722</b>	<b>TOTAL</b>					* AREA MEASURED IN CAD

25100630	EROSION CONTROL BLANKET		SO FT	REMARKS
SO YD	LOCATION			
US 20				
15,897	909+00.00	923+00.00	143,073	STRUCTURE OMISSION
8,523	924+00.00	929+40.00	76,704	STRUCTURE OMISSION
14,725	932+40.00	950+00.00	132,520	
<b>39,145</b>	<b>TOTAL</b>			

EARTHWORK SCHEDULE						
1	2	3	4	5	6	7
LOCATION	20200100 EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	20400800 FURNISHED EXCAVATION	21101505 TOPSOIL EXCAVATION AND PLACEMENT	AREAS FOR TOPSOIL (FROM CAD)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(SQ YD)
<b>US 20 BYPASS</b>						
STA 909+00 TO STA 920+41 STRUCTURE OMISSION	1,974	1,481	3,029	1,548	1,344	11,639
STA 224+48 TO STA 229+20 STRUCTURE OMISSION	837	628	11,830	11,202	1,517	8,760
STA 234+38 TO STA 250+00	3,444	2,583	4,037	1,454	1,870	13,787
<b>TOTALS</b>	<b>6,255</b>	<b>4,692</b>	<b>18,896</b>	<b>14,204</b>	<b>4,731</b>	<b>34,186</b>
<b>USE</b>	<b>6,255</b>			<b>14,205</b>	<b>4,731</b>	

- COLUMN 1 - LOCATION FROM PLANS.
- COLUMN 2 - CUT QUANTITIES FROM CROSS SECTIONS, THIS DOES NOT INCLUDE TOPSOIL EXCAVATION.
- COLUMN 3 - ADJUSTED EARTH EXCAVATION QUANTITIES THAT ARE TO BE USED AS FILL MATERIAL IN EMBANKMENT.
- COLUMN 4 - QUANTITIES FROM CROSS SECTIONS, TOPSOIL EXCAVATION INCLUDED.
- COLUMN 5 - MATERIAL TO WASTE OR OFF-SITE MATERIAL NEEDED (FURNISHED EXCAVATION).
- COLUMN 6 - QUANTITIES FROM CROSS SECTIONS, THESE QUANTITIES ARE NOT INCLUDED IN EARTH EXCAVATION.
- COLUMN 7 - QUANTITIES REQUIRED FROM ON-SITE (7" / TOPSOIL EXCAVATION AND 4" / PLACEMENT) TO COMPLETE PROJECT, SHOWN FOR INFORMATIONAL PURPOSES ONLY. BALANCES USING 20% SHRINKAGE FACTOR.

25000210	SEEDING, CLASS 2A		OFFSET	SO FT	SLOPE	ADJ	REMARKS
ACRE	LOCATION						
US 20							
1.45	909+00.00	922+35.00	EB OUTSID	60,049	105%		
0.09	908+93.60	911+02.40	MEDIAN	3,454	105%		
0.62	913+31.20	922+50.50	MEDIAN	25,349	105%		
1.22	910+61.00	923+04.70	WB OUTSID	50,302	105%		
STRUCTURE OMISSION							
0.74	923+96.90	929+08.40	EB OUTSID	30,348	105%		
0.38	924+41.00	929+01.00	MEDIAN	15,595	105%		
0.54	924+86.00	929+28.00	WB OUTSID	22,338	105%		
STRUCTURE OMISSION							
0.75	933+07.00	948+00.00	EB OUTSID	30,920	105%		
0.72	933+07.00	943+15.00	MEDIAN	29,849	105%		
0.09	945+06.00	947+15.00	MEDIAN	3,445	105%		
0.77	933+07.00	950+10.00	WB OUTSID	31,656	105%		
<b>7.37</b>	<b>TOTAL</b>						* AREA MEASURED IN CAD
<b>7.50</b>	<b>USE</b>						

25000310	SEEDING, CLASS 4		OFFSET	SO FT	SLOPE	ADJ	REMARKS
ACRE	LOCATION						
US 20							
0.46	933+07.00	946+15.00	EB	18,877.7	105%		
0.10	917+50.00	920+41.00	WB	3,930.3	105%		
0.08	934+80.00	937+80.00	WB	2,926.6	105%		
<b>0.64</b>	<b>TOTAL</b>						* AREA MEASURED IN CAD
<b>0.75</b>	<b>USE</b>						

25000400	NITROGEN FERTILIZER NUTRIENT		APPLICATION RATE: 90lbs / ACRE			
POUND	LOCATION	OFFSET	SO FT	SLOPE	ADJ ACRE	REMARKS
US 20						
131	909+00.00	922+35.00	EB OUTSID	60,049	105%	1.45
8	908+93.60	911+02.40	MEDIAN	3,454	105%	0.09
56	913+31.20	922+50.50	MEDIAN	25,349	105%	0.62
9	917+50.00	920+41.00	WB OUTSID	3,930.3	105%	0.10
110	910+61.00	923+04.70	WB OUTSID	50,302	105%	1.22
7	934+80.00	937+80.00	WB OUTSID	2,926.6	105%	0.08
STRUCTURE OMISSION						
67	923+96.90	929+08.40	EB OUTSID	30,348	105%	0.74
34	924+41.00	929+01.00	MEDIAN	15,595	105%	0.38
49	924+86.00	929+28.00	WB OUTSID	22,338	105%	0.54
STRUCTURE OMISSION						
68	933+07.00	948+00.00	EB OUTSID	30,920	105%	0.75
41	933+07.00	946+15.00	EB OUTSID	18,877.7	105%	0.46
65	933+07.00	943+15.00	MEDIAN	29,849	105%	0.72
8	945+06.00	947+15.00	MEDIAN	3,445	105%	0.09
69	933+07.00	950+10.00	WB OUTSID	31,656	105%	0.77
<b>722</b>	<b>TOTAL</b>					* AREA MEASURED IN CAD

25000600	POTASSIUM FERTILIZER NUTRIENT		APPLICATION RATE: 90lbs / ACRE			
POUND	LOCATION	OFFSET	SO FT	SLOPE	ADJ ACRE	REMARKS
US 20						
131	909+00.00	922+35.00	EB OUTSID	60,049	105%	1.45
8	908+93.60	911+02.40	MEDIAN	3,454	105%	0.09
56	913+31.20	922+50.50	MEDIAN	25,349	105%	0.62
9	917+50.00	920+41.00	WB OUTSID	3,930.3	105%	0.10
110	910+61.00	923+04.70	WB OUTSID	50,302	105%	1.22
7	934+80.00	937+80.00	WB OUTSID	2,926.6	105%	0.08
STRUCTURE OMISSION						
67	923+96.90	929+08.40	EB OUTSID	30,348	105%	0.74
34	924+41.00	929+01.00	MEDIAN	15,595	105%	0.38
49	924+86.00	929+28.00	WB OUTSID	22,338	105%	0.54
STRUCTURE OMISSION						
68	933+07.00	948+00.00	EB OUTSID	30,920	105%	0.75
41	933+07.00	946+15.00	EB OUTSID	18,877.7	105%	0.46
65	933+07.00	943+15.00	MEDIAN	29,849	105%	0.72
8	945+06.00	947+15.00	MEDIAN	3,445	105%	0.09
69	933+07.00	950+10.00	WB OUTSID	31,656	105%	0.77
<b>722</b>	<b>TOTAL</b>					* AREA MEASURED IN CAD

25000750	MOWING		OFFSET	SO FT	SLOPE	ADJ	REMARKS
ACRE	LOCATION						
US 20							
1.45	909+00.00	922+35.00	EB OUTSID	60,049	105%		
0.09	908+93.60	911+02.40	MEDIAN	3,454	105%		
0.62	913+31.20	922+50.50	MEDIAN	25,349	105%		
0.10	917+50.00	920+41.00	WB OUTSID	3,930.3	105%		
1.22	910+61.00	923+04.70	WB OUTSID	50,302	105%		
0.08	934+80.00	937+80.00	WB OUTSID	2,926.6	105%		
STRUCTURE OMISSION							
0.74	923+96.90	929+08.40	EB OUTSID	30,348	105%		
0.38	924+41.00	929+01.00	MEDIAN	15,595	105%		
0.54	924+86.00	929+28.00	WB OUTSID	22,338	105%		
STRUCTURE OMISSION							
0.75	933+07.00	948+00.00	EB OUTSID	30,920	105%		
0.46	933+07.00	946+15.00	EB OUTSID	18,877.7	105%		
0.72	933+07.00	943+15.00	MEDIAN	29,849	105%		
0.09	945+06.00	947+15.00	MEDIAN	3,445	105%		
0.77	933+07.00	950+10.00	WB OUTSID	31,656	105%		
<b>8.01</b>	<b>TOTAL</b>						* AREA MEASURED IN CAD
<b>8.25</b>	<b>USE</b>						

25100125	MULCH METHOD 3		OFFSET	SO FT	SLOPE	ADJ	REMARKS
ACRE	LOCATION						
US 20							
1.45	909+00.00	922+35.00	EB OUTSID	60,049	105%		
0.09	908+93.60	911+02.40	MEDIAN	3,454	105%		
0.62	913+31.20	922+50.50	MEDIAN	25,349	105%		
0.10	917+50.00	920+41.00	WB OUTSID	3,930.3	105%		
1.22	910+61.00	923+04.70	WB OUTSID	50,302	105%		
0.08	934+80.00	937+80.00	WB OUTSID	2,926.6	105%		
STRUCTURE OMISSION							
0.74	923+96.90	929+08.40	EB OUTSID	30,348	105%		
0.38	924+41.00	929+01.00	MEDIAN	15,595	105%		
0.54	924+86.00	929+28.00	WB OUTSID	22,338	105%		
STRUCTURE OMISSION							
0.75	933+07.00	948+00.00	EB OUTSID	30,920	105%		
0.46	933+07.00	946+15.00	EB OUTSID	18,877.7	105%		
0.72	933+07.00	943+15.00	MEDIAN	29,849	105%		
0.09	945+06.00	947+15.00	MEDIAN	3,445	105%		
0.77	933+07.00	950+10.00	WB OUTSID	31,656	105%		
<b>8.01</b>	<b>TOTAL</b>						* AREA MEASURED IN CAD
<b>8.25</b>	<b>USE</b>						

28000200	EXCAVATION FOR EROSION CONTROL		SO FT	REMARKS
CU YD	LOCATION	OFFSET		
US 20				
33.3	920+85.00	115' RT	1	SEDIMENT BASINS
33.3	921+40.00	89' LT	2	SEDIMENT BASINS
33.3	923+55.00	127' RT	3	SEDIMENT BASINS
33.3	929+00.00	133' RT	4	SEDIMENT BASINS
33.3	932+75.00	119' RT	5	SEDIMENT BASINS
33.3	932+75.00	92' LT	6	SEDIMENT BASINS
<b>200</b>	<b>TOTAL</b>			