



B.M. Sta. 21+49 28' R  
SPX. in 15' Poplar tree  
Elev. = 797.072

Ref. No	Station		Side of Road	I-2 Lin. Ft.		I-4		I-8 Each		Location of Structure			
	From	To		UNDER PAVT.	12"	EACH	STD. M.H.	STD. DITCH C.B.	STD. I-2A C.B.		STD. C.B. #		
1-S	20+32	20+32	REL	2		2				4 @ 20+32			
2-S	24+31	24+33	REL	2		2				20+31-32-20+33			
3-S	28+08	28+45	RT	34		2				28+08+03+41			
4-S	28+45	29+55	RT	3	111					28+45-29+55			
5-S	29+45	30+0	RT		30	10				29+45			
6-S	20+0	20+36	RT		86					29+58			
<b>TOTALS</b>				<b>3</b>	<b>4</b>	<b>64</b>	<b>207</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	

**EXTRA AREA - JOHNSON DRIVE**  
 75 Sq.Yds. 1/4" Ave. Asph. conc. surface course T-35  
 20 Sq.Yds. 8" Portland cement conc. base B-70  
 25 Sq.Yds. 4" Subbase Grade "D" C I-22  
 20 Sq.Yds. Bituminous tack coat T-30  
 10 Cu.Yds. Excavation E-1

**WATER**  
 Adjust Valve boxes to grade 3 Each

Ref. No	Station	New Structure	See Detail Shif#
1-C	20+69.5	48" Pipe Culvert	63
2-C	25+02	4'x5' Culvert Ext.	70 to 73

Excavation 1176 Cu.Yds.  
 Embankment 2538 Cu.Yds.  
 Emb. + 22% 3096 Cu.Yds.

REF. NO.	DESCRIPTION	TYPE	AMOUNT	ESTIMATED QUANTITIES
1-A	DRIVEWAYS	R	25+22	
2-A		R	26+14	
3-A		R	29+70	
1-K	20+00 to 30+00			1778
1-G	GUARD RAIL	L	20+00 to 20+70	70
2-G		R	20+70 to 21+20	50
3-G		R	25+50 to 25+00	150
4-G		L	24+55 to 26+30	175
<b>TOTALS</b>				<b>445</b>

PLAN & PROFILE STA. 20+00 to STA. 30+00