

EARTHWORK SUMMARY				
	EARTH EXC	EMBANK *	WASTE *	TOPSOIL EXCAV. & PLACEMENT
LOCATION	CU YD	CU YD	CU YD	CU YD
STAGE 1 (STA. 328+72 TO 332+57)	406	1	405	35
STAGE 2 & 3 (STA. 332+57 TO END)	290	96	170	41
TOTAL	696	97	575	76

* FOR INFORMATION ONLY, NOT A PAY ITEM

** A FACTOR OF 1.25 WAS APPLIED TO THE EMBANKMENT QUANTITY TO DETERMINE WASTE EXCAVATION QUANTITY.

TREE REMOVAL (6" TO 15")	
LOCATION	IN. DIA.
22' LT STA 335+00	6
22' LT STA 335+44	6
22' LT STA 335+88	6
TOTAL	18

TREE REMOVAL (OVER 15")	
LOCATION	IN. DIA.
23' LT STA 334+08	30
TOTAL	30

STORM SEWER REMOVAL				TRENCH BACKFILL
LOCATION	12"	16"	CU. YD.	CU. YD.
RT STA 328+90 TO 332+73	---	383	**	**
RT STA 328+90 11 RT TO 16 RT	5		**	**
RT STA 332+73 TO 336+61	388		**	**
RT STA 332+73 TO 332+77	10		2.7	
LT STA 323+73 TO 332+79	25		5.6	
TOTAL	428	383	8.3	

**NEW STORM SEWER TO BE INSTALLED IN SAME ALIGNMENT AS EXISTING, SEE STORM SEWER SCHEDULE FOR TRENCH BACKFILL

REMOVING MANHOLES	
LOCATION	EACH
RT STA 330+04	1
RT STA 332+73	1
RT STA 336+61	1
TOTAL	3

REMOVING INLETS	
LOCATION	EACH
LT STA 328+90	1
RT STA 332+77	1
LT STA 332+79	1
TOTAL	3

INLET REMOVAL & SALVAGE		
LOCATION	EACH	
LT STA 328+90	1*	
TOTAL	1*	

* NOT A PAY ITEM - INCLUDED IN RELOCATE INLET, SPECIAL

MANHOLES TO BE ADJUSTED		
LOCATION	TYPE	EACH
332+57	SAN	1
336+70	SAN	1
TOTAL		2

SEEDING SCHEDULE						
LOCATION	ACRES	NITROGEN FERTILIZER @ 90lbs/acre	PHOSPHORUS FERTILIZER @ 90lbs/acre	POTASSIUM FERTILIZER @ 90lbs/acre	MULCH METHOD 1	TEMP EROS CONTR SEED @ 100lbs/ACRE
STAGE 1 (STA. 328+72 TO 332+57)	0.07	5.9	5.9	5.9	0.07	7
STAGE 2 (STA. 332+57 TO 336+70)	0.07	6.3	6.3	6.3	0.07	7
STAGE 3 (STA. 336+70 TO END)	0.01	0.8	0.8	0.8	0.01	1
TOTAL	0.15	13	13	13	0.15	15

TRENCH BACKFILL	
LOCATION	CU. YD.
STORM SEWER REMOVAL	8.3
STORM SEWER INSTALLATION	564.9
WATER SERVICE INSTALLATION	149.8
TOTAL	723

SIDEWALK REMOVAL			
LOCATION	SQ FT PCC	SQ FT BRICK	
RT STA 328+72 TO 332+41	1,476	---	
LT STA 328+72 TO 329+97	---	625	
RT STA 329+91	16	---	
LT STA 330+00	56	---	
LT STA 330+01 TO 330+60	---	295	
LT STA 330+94 TO 331+64	---	350	
LT STA 331+65	45	---	
RT STA 331+88	34	---	
LT STA 332+00 TO 332+41	---	205	
LT STA 332+44 TO 334+45	---	1,005	
LT STA 332+42	27	---	
RT STA 332+74 TO 336+41	1,468	---	
LT STA 332+75	14	---	
RT STA 332+84	54	---	
RT STA 334+10	33	---	
RT STA 336+37	46	---	
LT STA 336+32 TO 336+51	133	---	
LT STA 337+89 TO 338+33	162	---	
TOTAL	3,564	2,480	

CURB AND GUTTER REMOVAL		
LOCATION	FEET	
RT STA 328+72 TO 332+29	357	
LT STA 328+72 TO 336+93	821	
RT STA 332+29 TO 332+44 RADIUS	22	
RT STA 5+29 TO 5+49 JEFFERSON ST	20	
RT STA 5+28 TO 5+49 JEFFERSON ST	21	
RT STA 332+72 TO 332+87 RADIUS	23	
RT STA 332+87 TO 336+34	347	
LT STA 338+31 TO 338+40	11	
TOTAL	1,622	

DRIVEWAY PAVT REMOVAL		
LOCATION	TYPE	SQ YD
LT STA 330+67	PCC	44.7
LT STA 331+92	PCC	27.6
RT STA 333+64	PCC	17.6
RT STA 333+79	PCC	17.6
LT STA 334+55	PCC	32.7
LT STA 336+66	PCC	31.0
LT STA 334+61 TO 336+34	BIT	134.4
LT STA 336+34 TO 336+93	BIT	48.4
LT STA 337+44.6 TO 337+49.6	PCC	3.9
LT STA 337+89 TO 338+37	PCC	28.1
TOTAL		386

PAVEMENT RELATED ITEMS							
LOCATION	PCC PVT 7 1/2 JOINTED	PCC PVT 10" JOINTED	PAVEMENT FABRIC	HMA PAVT FULL DEPTH, 10"	COMB CC&G TB6.18	COMB CC&G TB6.24	SUB GRAN MAT A 4
STA 328+72 TO 331+00	937	---	---	---	456	---	1,084
STA 331+00 TO 336+00	2,036	---	---	---	1054	---	2,314
STA 336+00 TO 336+69.95	238	---	---	---	144	---	283
STA 336+69.95 TO 336+99.88	---	80	80	13.4	20	---	86
STA 338+31 TO 338+40 LT	---	---	---	---	11	---	---
JEFFERSON STREET	127	---	---	---	88	---	131
WASHINGTON STREET	117	---	---	---	40	---	124
TOTAL	3,455	80	80	13.4	1,802	11	4,002

AGGREGATE FOR TEMP ACCESS	
LOCATION	TONS
DRIVEWAY ACCESS AND MAINTENANCE - 6" DEPTH	266
TEMPORARY SIDEWALK, 4' WIDE - EAST SIDE WARD - 4" DEPTH	39
STORM SEWER TRENCH AND MAINTENANCE - 8" DEPTH	340
WATER SERVICE INSTALLATION AND MAINTENANCE - 8" DEPTH	46
TOTAL	691

PAVEMENT REMOVAL	
LOCATION	SQ YD
STA 328+72 TO 337.00	2516
RT STA 332+57 (JEFFERSON ST)	120
RT STA 336+70 (WASHINGTON ST)	119
TOTAL	2755

PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
WARD STREET STA 327+57 TO 328+88	186
TOTAL	186

TEMPORARY/ SHORT TERM PAVEMENT MARKING LINE, 4"			
LOCATION	SHORT TERM	TEMPORARY	WORK ZONE PAVT. MKING REMOVAL
WARD STREET STA 328+72 TO 337+00	84	84	28
TOTAL	84	84	28

POLYUREA PAVEMENT MARKING								
LOCATION	LETTERS & SYMBOLS (SPECIAL) (WHITE)	TYPE 1 LINE 4" (YELLOW)	TYPE 1 LINE 4" (YELLOW) SKIP/DASH	TYPE 1 LINE 4" (DOUBLE YELLOW)	TYPE 1 LINE 6" (WHITE)	TYPE 1 LINE 8" (WHITE)	TYPE 1 LINE 12" (YELLOW)	TYPE 1 LINE 24" (WHITE)
STA 327+50 TO 333+00	31.3	944	240	---	98	---	---	---
STA 333+00 TO 337+00	92.7	---	---	1080	8	123	92	69
SUB TOTAL	124	944	240	1080	106	123	92	69
TOTAL	124	944	240	1080	106	123	92	69

DRIVEWAY SCHEDULE						
LOCATION	TYPE	PCC DR PAVT 6"	PCC DR PAVT 7"	AGG SURF 6"	CSE 8"	TY A
RT STA 329+06	PE	14.2	---	2.0	---	---
RT STA 329+25	PE	18.9	---	3.4	---	---
LT STA 329+73	PE	18.8	---	7.6	---	---
LT STA 329+84	PE	14.5	---	0.6	---	---
LT STA 330+67	PE	15.5	---	6.5	---	---
LT STA 330+87	PE	17.8	---	4.8	---	---
RT STA 331+22	PE	25.0	---	3.7	---	---
LT STA 331+92	PE	29.3	---	---	---	---
LT STA 332+52 & 332+67	PE	29.7	---	3.6	---	---
LT STA 333+60	PE	25.1	---	1.8	---	---
RT STA 333+64 & 333+79	PE	36.2	---	---	---	---
RT STA 334+55	ALLEY	---	14.3	---	---	2.1
LT STA 334+55	ALLEY	---	24.8	---	---	0.3
RT STA 335+17	CE	---	38.1	---	---	2.7
LT STA 334+61 TO 336+40 PARKING	LOT	---	80.0	---	---	---
LT STA 336+66	CE	---	29.4	---	---	---
LT STA 337+32.2	CE	---	16.4	---	---	4.9
SUBTOTAL		245	203	34	10	
TOTAL		245	203	44		

INLET/PIPE PROTECTION	
LOCATION	EACH
INLET 11A	1
INLET 12A	1
INLET 9	1
INLET 10	1
INLET 7	1
INLET 8	1
INLET 5	1
INLET 6	1
INLET 3	1
INLET 3A	1
INLET 4	1
INLET 2A	1
INLET 2	1
INLET 1	1
TOTAL	14

PCC SIDEWALK, 4"		
LOCATION	SQ FT	
LT STA 328+72 TO 329+65	465	
RT STA 328+72 TO 329+00	142	
RT STA 329+33 TO 329+78	225	
LT STA 329+82 TO 330+61	397	
RT STA 329+90 TO 331+11	600	
RT STA 329+91 28.6R TO 38.0R	19	
LT STA 330+00 28.6L TO 30.0L	5	
LT STA 330+95 TO 331+86	457	
RT STA 331+35 TO 332+29	471	
LT STA 331+65 28.6L TO 30.0L	4	
RT STA 331+87 28.6R TO 35.7R	14	
LT STA 331+98 TO 332+43	227	
LT STA 332+42 28.6L TO 35.0L	19	
LT STA 333+72 TO 334+49	384	
LT STA 332+73 TO 333+48	377	
RT STA 332+75 TO 333+55	400	
LT STA 332+75 28.6L TO 36.8L	25	
RT STA 332+84 28.6R TO 37.6R	36	
RT STA 333+84 TO 334+49	327	
LT STA 334+09 28.6L TO 30.0L	4	
LT STA 334+61 TO 336+54	966	
RT STA 334+61 TO 334+98	184	
RT STA 335+37 TO 336+42	525	
LT STA 336+36 17.3L TO 22.6L	27	
LT STA 336+79 TO 336+89	58	
LT STA 337+01 TO 337+50	155	
LT STA 337+88 TO 338+35	230	
TOTAL	6,743	

DETECTABLE WARNINGS	
LOCATION	SQ FT
RT STA 332+28	20
RT STA 332+80	16
LT STA 336+36	8
RT STA 336+36	8
LT STA 338+30	8
TOTAL	60

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PLOTTING SCALE: 1" = 1'
 DRAWN BY: JAH
 CHECKED BY: JAR
 DATE: MARCH 2009

NO.	REVISIONS	DATE
1	REV DRIVE & DRIVE REL	7/27/08

WARD STREET IMPROVEMENTS SCHEDULE OF QUANTITIES
 CITY OF MACOMB
 SOUTH WARD ST.
 FILE NAME: \\Macomb\wardst\WARD-ST-2007-QUANT-SCH.DWG FIELD BOOK No. 2267 JOB NUMBER: 03-26-0808

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