

**CONTINGENCY QUANTITIES**

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" OR LABELED CONTINGENCY UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

**UTILITY COORDINATION:**

THE FOLLOWING IS A LIST OF THE KNOWN EXISTING UTILITIES IN THE PROJECT AREA ALONG WITH THE RESPECTIVE OWNERS. THE LIST IS INCLUDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY OWNERS IN THE PROJECT AREA PRIOR TO START OF CONSTRUCTION WHETHER LISTED ON THIS PAGE OR NOT.

Vectren Energy Delivery  
6500 Clys Road  
Centerville, OH 45459  
(937) 312-2533

GAS  
Duke Energy  
139 East Fourth Street, Rm 460A  
Cincinnati, OH 45202  
(513) 287-2934

CABLE  
Time Warner Cable  
11252 Cornell Park Drive  
Cincinnati, OH 45242  
(513)

TELEPHONE  
AT&T  
3233 Woodman Dr  
Kettering, OH 45420  
(937) 296-3555

WATER  
City of Franklin  
One Benjamin Franklin Way  
Franklin, OH 45005  
(937) 746-5001

SEWER  
City of Franklin  
One Benjamin Franklin Way  
Franklin, OH 45005  
(937) 746-5001

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**ITEM 621, RPM**

CONTRACTOR SHALL INSTALL RPMs PER SCD TC-65.10 AND TC-65.11

**NON-USE OF ASBESTOS-CONTAINING MATERIALS**

THE CONTRACTOR SHALL AT NO TIME INCORPORATE ANY MATERIALS WHICH ARE COMPOSED OF OR CONTAIN ANY AMOUNTS ASBESTOS. THE SUBSTITUTION OF MATERIALS WHICH CONTAIN ANY AMOUNTS OF ASBESTOS WILL IN NO CIRCUMSTANCES BE ACCEPTABLE. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF CERTIFICATION ASSERTING THAT NO ASBESTOS CONTAINING MATERIALS WERE USED IN ANY PORTION OF THE CONSTRUCTION.

**NOTIFICATION OF TRAFFIC RESTRICTIONS**

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

ITEM	DURATION OF CLOSURE	NOTICE DUE TO OFFICE OF COMMUNICATIONS
RAMP & ROAD CLOSURES	>= 2 WEEKS > 12 HOURS & < 2 WEEKS < 12 HOURS	21 CALENDAR DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO CLOSURE 4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE 2 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

**PROFILE AND ALIGNMENT**

THE PROPOSED PAVEMENT RESURFACING SHALL FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT (AS SHOWN ON THE TYPICAL SECTIONS).

**PAVING AT RAILROAD CROSSING**

WORK THE CROWN OUT OF THE PROPOSED PAVEMENT ON EACH SIDE OF THE RAILROAD CROSSING, BEGINNING 50 FEET FROM THE NEAREST RAIL, BY RAISING THE EDGES OF THE NEW PAVEMENT TO MEET THE PLATFORM ELEVATION.

**BASE LINE OF CONSTRUCTION**

THE BASE LINE OF CONSTRUCTION LABELED ON THESE PLANS IS AN ASSUMED CENTER LINE OF THE EXISTING ROADWAY. STATIONING IS ADDED TO AID IN CONSTRUCTION LAYOUT.

**ASPHALT SAFETY EDGE**

THE CONTRACTOR SHALL CONSTRUCT AN ASPHALT SAFETY EDGE PER SCD BP-3.2

THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

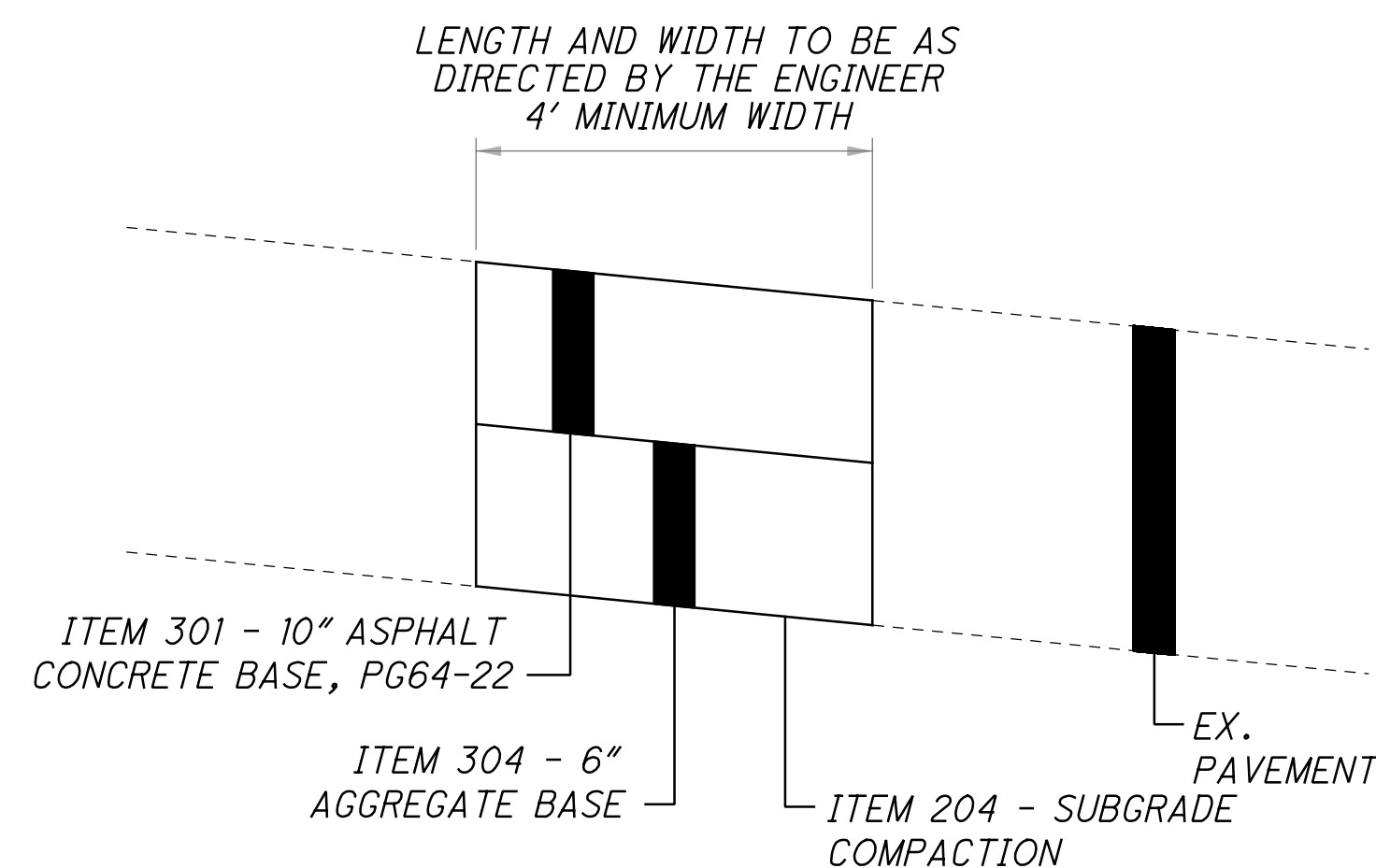
ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	44 CY
ITEM 617, COMPACTED AGGREGATE	260 CY
ITEM 617, WATER	1 MGAL
ITEM 209, PREPARING SUBGRADE FOR SHOULDER PAVING	3.2 MILE

**ITEM 253, PAVEMENT REPAIR, AS PER PLAN**

THIS WORK SHALL CONSIST OF FULL DEPTH PAVEMENT REMOVAL AND INSTALLING NEW PAVEMENT PER THE DETAIL BELOW AT THE DIRECTION OF THE ENGINEER.

THIS ITEM SHALL COVER PAVEMENT REMOVAL, SUBGRADE COMPACTION, AGGREGATE BASE, AND ASPHALT CONCRETE BASE. THE FOLLOWING CONTINGENCY QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 253, PAVEMENT REPAIR, AS PER PLAN 1,300 CY



ITEM 253 - PAVEMENT REPAIR, AS PER PLAN  
NOT TO SCALE

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CALCULATED  
SEC  
CHECKED  
YSY

GENERAL NOTES

WAR-CR 19-2.67

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SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	6	8	27							01/S>2/PV	EXT	TOTAL				
<b>ROADWAY</b>																	
3.2			62								3.2	209	72050	3.2	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING	
			7								62	608	52001	62	SF	CURB RAMP, AS PER PLAN	
											7	609	18001	7	FT	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN	
260											260	617	10100	260	CY	COMPACTED AGGREGATE	
1											1	617	25000	1	MGAL	WATER	
<b>PAVEMENT</b>																	
1,300											1,300	253	02001	1,300	CY	PAVEMENT REPAIR, AS PER PLAN	
			28,620								28,620	254	01001	28,620	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3"	
			2,857								2,857	254	01600	2,857	SY	PATCHING PLANED SURFACE	
			4,295								4,295	407	20000	4,295	GAL	NON-TRACKING TACK COAT	
44			992								1036	441	50000	1036	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
			1388								1388	441	50300	1388	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	
<b>TRAFFIC CONTROL</b>																	
				160							160	621	00100	160	EACH	RPM	
				3.2							3.2	644	00100	3.2	MILE	EDGE LINE, 4"	
				0.28							0.28	644	00200	0.28	MILE	LANE LINE, 4"	
				1.6							1.6	644	00300	1.6	MILE	CENTER LINE	
				478							478	644	00400	478	FT	CHANNELIZING LINE, 8"	
				22							22	644	00500	22	FT	STOP LINE	
				86							86	644	00720	86	FT	CHEVRON MARKING	
				2							2	644	01000	2	EACH	RAILROAD SYMBOL MARKING	
				10							10	644	01300	10	EACH	LANE ARROW	
				2							2	644	01400	2	EACH	WORD ON PAVEMENT, 72"	
				123							123	644	00600	123	FT	CROSSWALK LINE	
<b>MAINTENANCE OF TRAFFIC</b>																	
		8									8	614	11110	8	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
0.3											0.3	614	20000	0.3	MILE	WORK ZONE LANE LINE, CLASS I	
0.3											0.3	614	20550	0.3	MILE	WORK ZONE LANE LINE, CLASS III, 642 PAINT	
1.6											1.6	614	21000	1.6	MILE	WORK ZONE CENTER LINE, CLASS I	
1.6											1.6	614	21550	1.6	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
3.2											3.2	614	22000	3.2	MILE	WORK ZONE EDGE LINE, CLASS I	
3.2											3.2	614	22350	3.2	MILE	WORK ZONE EDGE LINE, CLASS III, 642 PAINT	
478											478	614	23000	478	FT	WORK ZONE CHANNELIZING LINE, CLASS I	
478											478	614	23680	478	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 642 PAINT	
22											22	614	26610	22	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
10											10	614	30000	10	EACH	WORK ZONE ARROW, CLASS I	
10											10	614	30650	10	EACH	WORK ZONE ARROW, CLASS III, 642 PAINT	
2											2	614	31000	2	EACH	WORK ZONE WORD ON PAVEMENT, 72", CLASS I	
2											2	614	31620	2	EACH	WORK ZONE WORD ON PAVEMENT, 72", CLASS III, 642 PAINT	
2											2	614	32000	2	EACH	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I	
2											2	614	32210	2	EACH	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT	
<b>INCIDENTALS</b>																	
											LS	614	11000	LS		MAINTAINING TRAFFIC	
											LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
											LS	624	10000	LS		MOBILIZATION	

**GENERAL SUMMARY**

**WAR-CR 19-2.67**

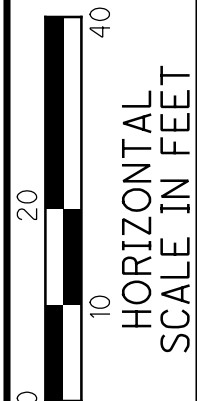
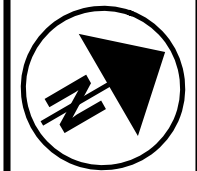
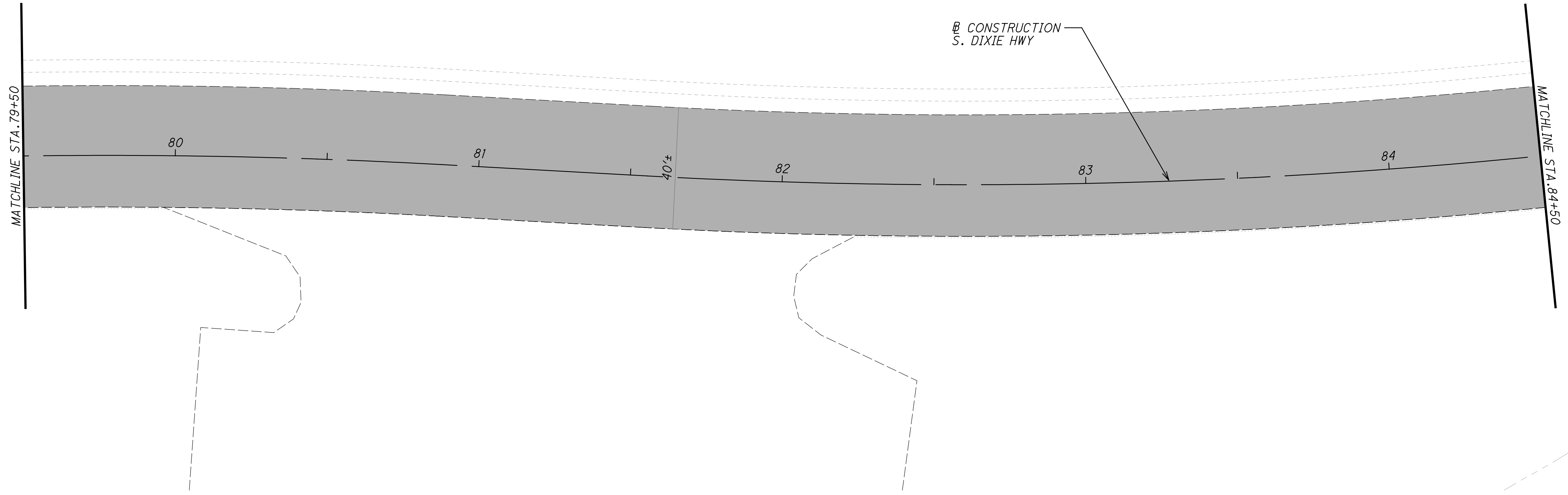
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REF. NO.	SHEET NO.	STATION TO STATION		254		254		407		441		441		608		609	
				SQ YD	SQ YD	GAL	CU YD	CU YD	SQ FT	FT							
				PAVEMENT PLANING ASPHALT CONCRETE, AS PER PLAN	PATCHING PLANED SURFACE	NON-TRACKING TACK COAT	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448)	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)							CURB RAMP, AS PER PLAN	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN	
9		10+27	14+50	1222	122	183	42	59									
10		14+50	19+50	1444	144	217	50	70									
11		19+50	24+50	1444	144	217	50	70									
12		24+50	29+50	1444	144	217	50	70									
13		29+50	34+50	1444	144	217	50	70									
14		34+50	39+50	1444	144	217	50	70									
15		39+50	44+50	1518	152	228	53	74									
16		44+50	49+50	1444	144	217	50	70									
17		49+50	54+50	1444	144	217	50	70									
18		54+50	59+50	1542	154	231	53	75									
19		59+50	64+50	1444	144	217	50	70									
20		64+50	69+50	1444	144	217	50	70									
21		69+50	74+50	1615	162	242	56	79									
22		74+50	79+50	2222	222	333	77	108									
23		79+50	84+50	2221	221	332	77	106									
24		84+50	89+50	2329	233	349	81	113									
25		89+50	94+50	2444	244	367	85	119									
26		94+50	95+23	511	51	77	18	25						62	7		
TOTALS CARRIED TO GENERAL SUMMARY				28620	2857	4295	992	1388						62	7		

<b>SUBSUMMARY</b>	CALCULATED	SEC	CHECKED	YSY
	8	36		

WAR - CR 19 - 2.67

LEGEND  
 █ PROP. OVERLAY LIMITS



CALCULATED  
 SEC  
 CHECKED  
 YSY

**RESURFACING PLAN**  
**STA. 79+50 TO STA. 84+50**

ROUTE	STATION		LENGTH		TYPICAL SECTION	EXISTING PAVEMENT TYPE	PAVEMENT AREA	254		407	441		441						
	FROM	TO	FEET	MILES				SQ YD	PAVEMENT PLANING ASPHALT CONCRETE, AS PER PLAN		PATCHING PLANED SURFACE	TACK COAT	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448)	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)					
CR 19	79+50	79+98	48	0.0091	3/1	ASPHALT	213	213	21	32	7	10							
CR 19	79+98	82+24	226	0.0428	3	ASPHALT	1004	1004	100	150	35	48							
CR 19	82+24	84+50	226	0.0428	3/1	ASPHALT	1004	1004	100	150	35	48							
TOTALS CARRIED TO SHEET 8								2221	221		332	77	106						