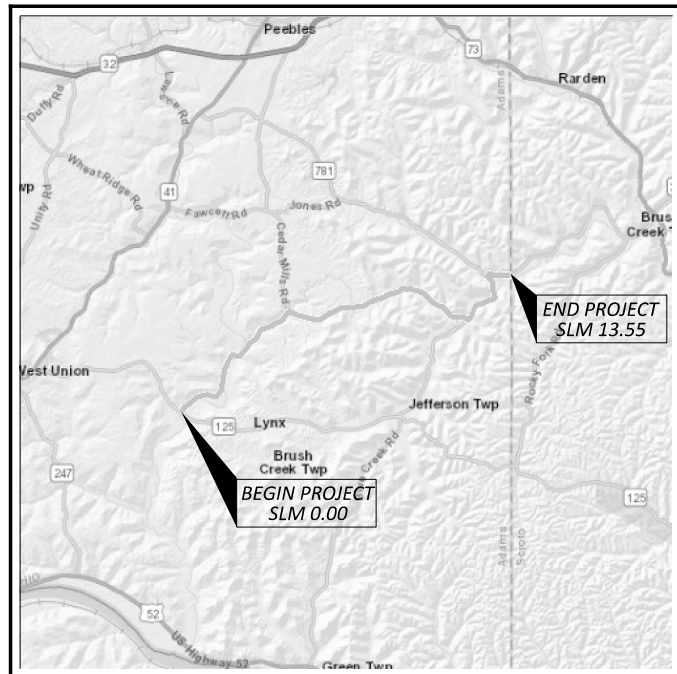


# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## ADA-348-0.00

TIFFIN TOWNSHIP  
BRUSH CREEK TOWNSHIP  
JEFFERSON TOWNSHIP  
ADAMS COUNTY



LOCATION MAP

LATITUDE: 38°49'29.62" LONGITUDE: -83°21'41.27"



PORTION TO BE IMPROVED	-----
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	-----

**DESIGN DESIGNATION**

CURRENT ADT (2024)	450
DESIGN YEAR ADT (2044)	600
DESIGN HOURLY VOLUME (2044)	70
DIRECTIONAL DISTRIBUTION	64%
TRUCKS (24 HOUR B&C)	9%
DESIGN SPEED	60
LEGAL SPEED	55
DESIGN FUNCTIONAL CLASSIFICATION:	
MAJOR COLLECTOR	
NHS PROJECT	NO

**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

NONE

**UNDERGROUND UTILITIES**  
Contact Two Working Days  
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764  
(Non members must be called directly)

PLAN PREPARED BY:  
OHIO DEPARTMENT OF TRANSPORTATION  
DISTRICT 9

**INDEX OF SHEETS:**

TITLE SHEET	P.1
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**FEDERAL PROJECT NUMBER**

E240150

**RAILROAD INVOLVEMENT**

NONE

**PROJECT DESCRIPTION**

THIS PROJECT CONSISTS OF RESURFACING 13.55 MILES OF S.R. 348 FROM SLM 0.00 TO SLM 13.55 IN BOTH DIRECTIONS BY MILLING THE SURFACE AND ADDING ONE COURSE OF ASPHALT CONCRETE PAVEMENT.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA:	0.0 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A (NOI NOT REQUIRED)*
	*ROUTINE MAINTENANCE PROJECT

**2023 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/19/24	TC-65.11	1/19/24	800-2023	7/19/24
BP-4.1	7/19/13			832	7/19/24
				846	4/17/15
AS-1-15	1/20/23			930	7/19/19
MT-96.11	7/21/23				
MT-96.20	7/21/23				
MT-97.10	4/19/19				
MT-97.11	1/20/17				
MT-97.12	1/20/17				
MT-99.20	4/19/19				
MT-101.70	7/19/24				
MT-101.75	7/21/23				
MT-105.10	1/17/20				
TC-65.10	1/17/14				

ENGINEER'S SEAL  
ROADWAY

*Michael G. Dombrowski*  
Michael G. Dombrowski  
District 9 Deputy Director

*Pamela Boratyn*  
Pamela Boratyn  
Director, Department of Transportation

DESIGN AGENCY	
DESIGNER	JBS
REVIEWER	EMB
PROJECT ID	119134
SHEET	P.1
TOTAL	P.10

ADA-348-0.00

MODEL: Sheet\_SurfV1 PAPER SIZE: 17x11 (in.) DATE: 10/16/2024 TIME: 10:56:19 AM USER: ebeery p:\ohiodot-pw-bentley.com\shihoto\pww-02\Documents\01 Active Projects\District 09\Adams\119134\400-Engineering\Roadway\Sheets\119134\_G1001.dgn

TITLE SHEET

**NOTES**

TYPICAL SECTIONS SHOWN ARE FOR TANGENT SECTION WITH NORMAL CROWN ONLY. TYPICAL SECTIONS FOR SUPERELEVATED SECTIONS AND SUPERELEVATED TRANSITION SECTIONS FOR CURVED SECTIONS SHALL FOLLOW THE EXISTING PAVEMENT UNLESS THE ENGINEER DIRECTS THAT A CORRECTION IS TO BE PERFORMED.

\* AFTER PAVEMENT OPERATIONS, EDGE OF PAVEMENT MARKINGS SHALL BE REPLACED AT CURRENT LOCATIONS. CONTRACTOR TO LOCATE MARKINGS BEFORE CONSTRUCTION. ENGINEER TO APPROVE PLACEMENT.

\*\* MATCH EXISTING SLOPE UNLESS THE ENGINEER DIRECTS THAT A CORRECTION IS TO BE PERFORMED.

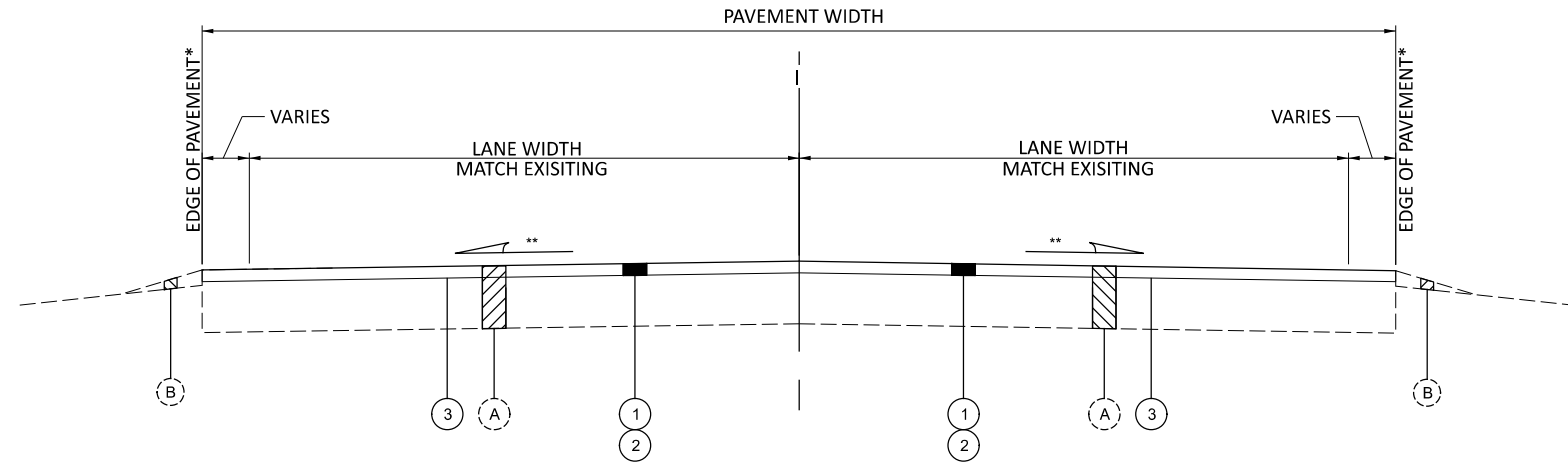
SEE BP 3.1 FOR BUTT JOINT AND PAVEMENT FEATHERING.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE EX. UTILITY GRATES, MANHOLES, AND VALVES, LOCATED IN ROADWAY AND ADJACENT TO ROADWAY, BEFORE PLANING. THE CONTRACTOR WILL LEAVE ALL UNDISTURBED BEFORE, DURING, AND AFTER CONSTRUCTION UNLESS NOTED OTHERWISE IN PLANS. MAINTAIN POSITIVE DRAINAGE AT EXISTING INLETS.

**PAVEMENT LEGEND**

- ① 441 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN
- ② 254 1.50" PAVEMENT PLANING, ASPHALT CONCRETE
- ③ 407 NON-TRACKING TACK COAT, 0.090 GAL/SY

- Ⓐ EXISTING PAVEMENT AND BASE
- Ⓑ EXISTING SHOULDER



**TYPICAL SECTION 1**  
 SR 348-SLM 0.00-13.55  
 (SEE SHEETS P.6 & P.7 FOR DETAILS)

TYPICAL SECTIONS

DESIGN AGENCY



DESIGNER  
 JBS

REVIEWER  
 EMB

PROJECT ID  
 119134

SHEET TOTAL  
 P.2 P.10

**UTILITIES**

THERE ARE NO EXISTING UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS, NOR WILL ANY EXISTING UNDERGROUND UTILITY FACILITIES BE RELOCATED FOR THE PROJECT. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY UTILITIES THAT MAY EXIST WITHIN THE WORK AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY POTENTIAL UTILITY CONFLICTS, BY VISUAL INSPECTION AND BY CONTACTING THE OHIO UTILITIES PROTECTION SERVICE (OHIO 811) FOR FIELD MARKINGS OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT AND COORDINATE WITH THE OWNERS TO RESOLVE ALL UTILITY CONFLICTS PRIOR TO CONSTRUCTION OR, WITH THE APPROVAL OF THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST THE PROJECT CONSTRUCTION ACCORDINGLY, SO AS TO AVOID DAMAGE TO THE EXISTING UTILITY FACILITIES.

THE UTILITY CONTACT INFORMATION FOR THE PROJECT CAN BE OBTAINED THROUGH THE ODOT DISTRICT 9 UTILITY COORDINATOR AT 740-774-9075.

**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.

**WINDOW CONTRACT TABLE**

CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE (\$ PER DAY)
ALL WORK	90	\$1,500

**PROFILE AND ALIGNMENT**

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 AS SHOWN ON THE TYPICAL SECTIONS.

**DISPOSAL OF ASPHALT GRINDINGS**

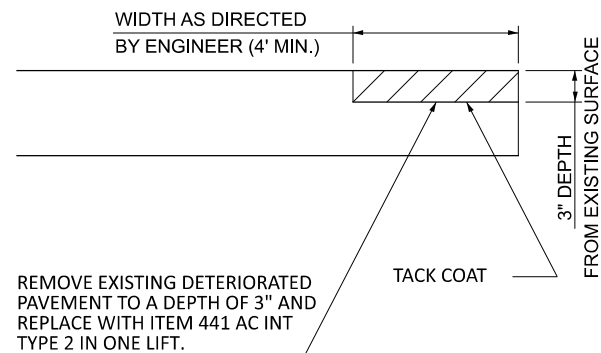
ASPHALT GRINDINGS FROM THIS PROJECT ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

**RAISED PAVEMENT MARKERS**

IN ADDITION TO CMS 621.03, RPMs SHALL NOT BE INSTALLED ON BRIDGES OR APPROACH SLABS THAT HAVE A CONCRETE SURFACE. INSTALL RPMs IN ASPHALT CONCRETE BEFORE AND AFTER THE SUPERSTRUCTURE. RPM'S LOCATED IN EXISTING CONCRETE BRIDGE DECKS OR APPROACH SLABS SHALL BE LEFT IN PLACE.

INSTALL NEW RPMs IN ACCORDANCE WITH ODOT STANDARD DRAWINGS TC-65.10 AND TC-65.11.

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN**



REMOVE EXISTING DETERIORATED PAVEMENT TO A DEPTH OF 3" AND REPLACE WITH ITEM 441 AC INT TYPE 2 IN ONE LIFT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED AND CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN 4000 SY

**ITEM 254- PATCHING PLANED SURFACE**

THIS ITEM SHALL BE IN ACCORDANCE WITH SECTION 254 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR THE FOLLOWING WORK:

ITEM 254 PATCHING PLANED SURFACE 36034 SQ. YD.

**ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN (PG64-22) (SPOT LEVELING)**

THIS MATERIAL IS TO BE PLACED AS A SEPARATE LEVELING OPERATION AS DIRECTED BY THE ENGINEER TO CORRECT IRREGULARITIES IN THE EXISTING PAVEMENT CROSS SECTION AND PROFILE PRIOR TO PLACEMENT OF THE SURFACE COURSE. FOR ESTIMATING PURPOSES ONLY, THE PLAN USES A 0.5" DEPTH FOR THIS COURSE.

ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR THE FOLLOWING WORK:

ITEM 407, TACK COAT FOR INTERMEDIATE COURSE 786 GAL.  
 ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN (PG64-22) 364 CU. YD.

**SHOULDER WORK**

THE PURPOSE OF THIS WORK IS TO CREATE PROPER ROADWAY DRAINAGE BY REMOVING HIGH BERM AND TO ELIMINATE DROP-OFFS BY PLACING COMPACTED AGGREGATE IN LOW AREAS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED AND CARRIED TO THE GENERAL SUMMARY FOR AREAS TO BE DESIGNATED BY THE ENGINEER:

ITEM 209 - LINEAR GRADING 2.71 MILE  
 ITEM 617 - COMPACTED AGGREGATE 133 CU. YD.  
 ITEM 617 - WATER 2 MGAL

**ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN**

FOLLOW THE SPECIFICATIONS OF ITEM 441 EXCEPT FOR THE REQUIREMENTS LISTED BELOW:

FOLLOW CMS 403, EXCEPT AS FOLLOWS:

- OFFSET THE AC GAUGE FOR EACH JMF FOR THE PROJECT PRIOR TO THE PROJECT'S START USING 403.06.A AND THE MODIFIED SUPPLEMENT 1043 PROCEDURE LISTED BELOW.
- DURING S-1043.07 PROCESS, A RAP SAMPLE OBTAINED FROM THE JMF-DESIGNATED RAP PILE WILL BE EXTRACTED IN THE ASPHALT LEVEL 3 LAB TO VERIFY THE RAP AC %. THE RAP AC % WILL BE WITHIN 0.3 % OF THE AVERAGE RAP AC % FROM THE JMF. IF RAP AC % IS OUTSIDE OF THE 0.3 %, THE VERIFICATION PAN PROCESS WILL STOP, AND DISTRICT TESTING WILL ALLOW ONE OPPORTUNITY TO REWORK THE RAP PILE AT THE MIX PLANT AND RESAMPLE. RESAMPLING REQUIRES DISTRICT TESTING TO BE PRESENT. IF THE RESAMPLE IS STILL OUTSIDE OF THE 0.3 %, THE JMF AND ALL JMF'S USING THIS PILE WILL BE RESCINDED AND NEED TO BE REDESIGNED.

FOLLOW CMS 403.06 EXCEPT AS FOLLOWS:

- ENSURE ASPHALT BINDER CONTENT DOES NOT EXCEED TABLE 403.06.G-1. TOTAL AC % ADJUSTMENTS TO THE MIX PLANT CONTROL SETTINGS MUST BE SUBMITTED TO AND APPROVED BY DISTRICT TESTING PRIOR TO MAKING THE ADJUSTMENT. THE ADJUSTMENT CANNOT EXCEED +/- 0.2 % FROM THE JMF DESIGN AC %. DO NOT LOWER VIRGIN BINDER CONTENT OR INCREASE RAP PERCENT. ENSURE PLANT TICKET SHOW THE ADJUSTMENT AND IS SET TO THE ADJUSTED TOTAL AC % AT ALL TIMES AFTERWARDS.
- RECORD THE DAILY VERIFICATION PAN RESULTS IN A SEPARATE WORKSHEET AND MAKE SURE IT IS POSTED IN THE PLANT FACILITY AND AVAILABLE TO THE MONITORS. INCLUDE THE DATE RAN, VERIFICATION PAN RESULT, AND INITIALS OF WHO RAN IT. ENSURE A PRINTOUT OF THE DAILY VERIFICATION PAN IS ALSO INCLUDED WITH THE TE-199.

FOLLOW SUPPLEMENT 1043 FOR AC GAUGE OFFSET, EXCEPT AS MODIFIED BELOW:

FOLLOW 1043.07, EXCEPT AS FOLLOWS:

- NOTIFY DISTRICT TESTING A MINIMUM OF ONE WEEK PRIOR TO MAKING CALIBRATION AND VERIFICATION PANS.
- DISTRICT TESTING WILL WITNESS A SOLVENT EXTRACTION FROM A SAMPLE FROM THE RAP PILE THAT IS TO BE USED IN THE JMF TO VERIFY THE RAP AC % AND GRADATION. RAP AC % WILL BE WITHIN 0.3 % OF RAP AC % AND THE PASSING THE NO. 4 SIEVE WILL BE WITHIN 4 % OF THE NO. 4 SIEVE BASED ON THE ESTABLISHED RAP PILE USED IN THE JMF. IF OUTSIDE OF 0.3 %, DO NOT PROCEED AND THE JMF WILL NEED TO BE REDESIGNED.
- DISTRICT TESTING WILL WITNESS THE VERIFICATION PANS BEING BLENDED, MIXED, AND COMPACTED.
- MAKE A MINIMUM OF THREE VERIFICATION PANS FOR THE JMF THAT ARE AT THE JMF ASPHALT BINDER CONTENT. MAKE ONE ADDITIONAL PAN FOR EACH ADDITIONAL DISTRICT THE JMF WILL BE USED IN.
- IN ADDITION, TURN POSSESSION OVER OF THE CALIBRATION AC GAUGE PANS USED TO DETERMINE THE FIT COEFFICIENT TO DISTRICT TESTING.

FOLLOW SUPPLEMENT 1043 FOR AC GAUGE OFFSET, EXCEPT AS MODIFIED BELOW (CONT.):

REPLACE 1043.08, FOR AC CONTENT PAY ACCEPTANCE, WITH THE FOLLOWING:

CALCULATE AN AC GAUGE OFFSET AMOUNT FOR EACH JMF AND MIX PLANT IN ACCORDANCE WITH THE FOLLOWING PROCEDURE PRIOR TO START OF ANY PRODUCTION FOR THE JMF. NOTIFY DISTRICT TESTING 24 HOURS PRIOR TO OFFSETTING GAUGE.

1. ENSURE PRINTER IS ON AND PLACE THE FIRST VERIFICATION PAN IN THE AC GAUGE AND RUN.
2. AFTER THE 16 MINUTE TEST, TAKE THE VERIFICATION PAN OUT AND TURN 180 DEGREES AND PLACE BACK IN AC GAUGE AND RUN.
3. REPEAT STEPS 1 AND 2 WITH SECOND AND THIRD VERIFICATION PANS.
4. FOR EACH RUN, TAKE THE JMF ASPHALT BINDER CONTENT MINUS THE AC GAUGE AC % TO OBTAIN THE OFFSET FOR THAT RUN.
5. AVERAGE ALL OFFSETS FOR A FINAL OFFSET.
6. RETAIN ALL OF THE VERIFICATION PANS. AFTER THE FINAL OFFSET IS DETERMINED, DISTRICT TESTING WILL CHOOSE TWO OF THE VERIFICATION PANS AND OFFSET THEIR AC GAUGE.
7. DISTRICT TESTING WILL USE THE TWO VERIFICATION PANS TO OFFSET THEIR AC GAUGE. DISTRICT TESTING MAY OPT TO TAKE ALL THREE PANS AND OFFSET THEIR AC GAUGE.
8. STORE THE VERIFICATION PAN IN THE PLANT LAB AND IN A MANNER IN WHICH TO AVOID HUMIDITY, MOISTURE, AND ALL OTHER SOURCES WHICH MAY POTENTIALLY CONTAMINATE THE SAMPLE IN THE PAN.

BEFORE THE BEGINNING OF A PRODUCTION DAY, RUN THE VERIFICATION PAN IN THE AC GAUGE AND ENSURE THE OFFSET AC GAUGE AMOUNT IS WITHIN 0.14 % OF THE JMF ASPHALT BINDER CONTENT. NOTIFY THE DEPARTMENT IF THE AC GAUGE EXCEEDS 0.14 % OF THE JMF. IF THE VERIFICATION PAN EXCEEDS ON THE HIGH SIDE AND IT IS BELIEVED TO BE DUE TO EXCESS MOISTURE FROM HUMIDITY, THE DEPARTMENT MAY ALLOW THE VERIFICATION PAN TO BE PLACED IN AN OVEN AT 230 DEG. F (110 DEG. C) FOR ONE HOUR AND RERAN.

DURING THE START OF PRODUCTION FOR THE JMF, SOLVENT EXTRACT THE FIRST TWO QA SAMPLES (QC, VA, AND SUBLOT) AND COMPARE TO THE OFFSET AC GAUGE. ENSURE SOLVENT EXTRACTION IS WITHIN 0.3 % OF OFFSET AC GAUGE. IF MORE THAN 0.3 % OFF, IMMEDIATELY RESAMPLE AND RUN AC GAUGE AND SOLVENT EXTRACT IMMEDIATELY. IF TWO CONSECUTIVE SAMPLES ARE MORE THAN 0.3 % OFF, IMMEDIATELY STOP PRODUCTION, CONTACT MONITORING TEAM, AND INVESTIGATE THE REASON FOR THE PROBLEM. ONCE TWO CONSECUTIVE QA SAMPLES ARE WITHIN 0.3 % OF OFFSET AC GAUGE, THE FINAL GAUGE IS CONFIRMED.

AFTER CONFIRMING THE AC GAUGE OFFSET AMOUNT PROCEED WITH DETERMINING AC CONTENTS OF PRODUCTION SAMPLES BY THE AC GAUGE ACCORDING TO 1043.09.

ONLY DETERMINE ONE AC GAUGE OFFSET AMOUNT PER JMF. IF MORE THAN 30 DAYS HAS LAPSED SINCE THE JMF WAS LAST TESTED, RE-DO THE OFFSET PROCEDURE ABOVE WITH TWO VERIFICATION PANS (ONE FROM THE CONTRACTOR AND ONE FROM THE DISTRICT). IF THE THIRD PAN IS STILL AVAILABLE, USE ALL THREE PANS. IF AN AC GAUGE OFFSET AMOUNT IS LATER DETERMINED, BY AN INVESTIGATION OF BOTH THE CONTRACTOR AND THE DISTRICT, TO BE INCORRECT, RE-DO THE OFFSET PROCEDURE.

DESIGN AGENCY



DESIGNER	JBS
REVIEWER	EMB
PROJECT ID	119134
SHEET	TOTAL
P.3	P.10

SHEET NUM.										PART.			ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	6	7	8	9	10				01/STR/05			ITEM	EXT	TOTAL			
2.71										2.71			209	60200	2.71	STA	ROADWAY LINEAR GRADING	
										1,000			832	30000	1,000	EACH	EROSION CONTROL EROSION CONTROL	
4,000										4,000			251	01001	4,000	SY	PAVEMENT PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	P.3
		131,522	46,802	1,845						180,169			254	01000	180,169	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
36,060										36,060			254	01600	36,060	SY	PATCHING PLANED SURFACE	
786		11,837	4,212	166						17,001			407	20000	17,001	GAL	NON-TRACKING TACK COAT	
		5,480	1,950	77						7,507			441	50101	7,507	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22	P.3
364										364			441	50201	364	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN, (PG64-22)	P.3
133										133			617	10100	133	CY	COMPACTED AGGREGATE	
2										2			617	25000	2	MGAL	WATER	
																	TRAFFIC CONTROL	
					1,256					1,256			621	00100	1,256	EACH	RPM	
					1,256					1,256			621	54000	1,256	EACH	RAISED PAVEMENT MARKER REMOVED	
					27.1					27.1			644	00104	27.1	MILE	EDGE LINE, 6"	
					13.55					13.55			644	00300	13.55	MILE	CENTER LINE	
				190	34					224			644	00500	224	FT	STOP LINE	
																	STRUCTURE REPAIR (ADA-348-0211 SFN 0104116)	
									72	72			409	30000	72	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
																	STRUCTURE REPAIR (ADA-348-0703 0104264 )	
									35	35			846	00110	35	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	
																	STRUCTURE REPAIR (ADA-348-1079 SFN 0104337)	
									27	27			846	00110	27	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	
																	STRUCTURE REPAIR (ADA-348-1227 SFN 0104426)	
									66	66			516	31010	66	FT	2" DEEP JOINT SEALER	
									20	20			519	12304	20	SY	PATCHING CONCRETE BRIDGE DECK - TYPE C	
																	MAINTENANCE OF TRAFFIC	
	58									58			614	12460	58	EACH	WORK ZONE MARKING SIGN	
	27.1									27.1			614	21550	27.1	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
	54.2									54.2			614	22360	54.2	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
	68									68			614	26610	68	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
																	INCIDENTALS	
													LS	11000	LS		MAINTAINING TRAFFIC	
													LS	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

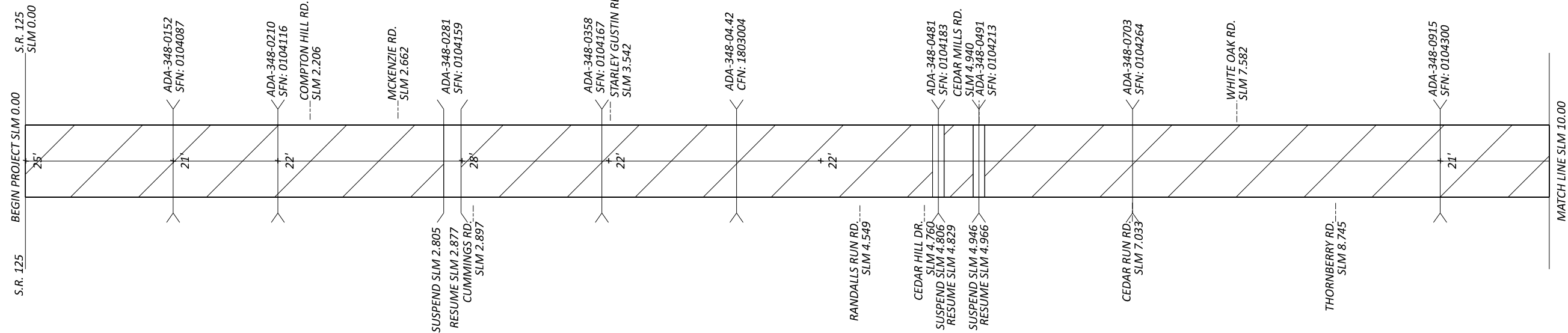


DESIGNER  
JBS

REVIEWER  
EMB

PROJECT ID  
119134

SHEET TOTAL  
P.5 P.10



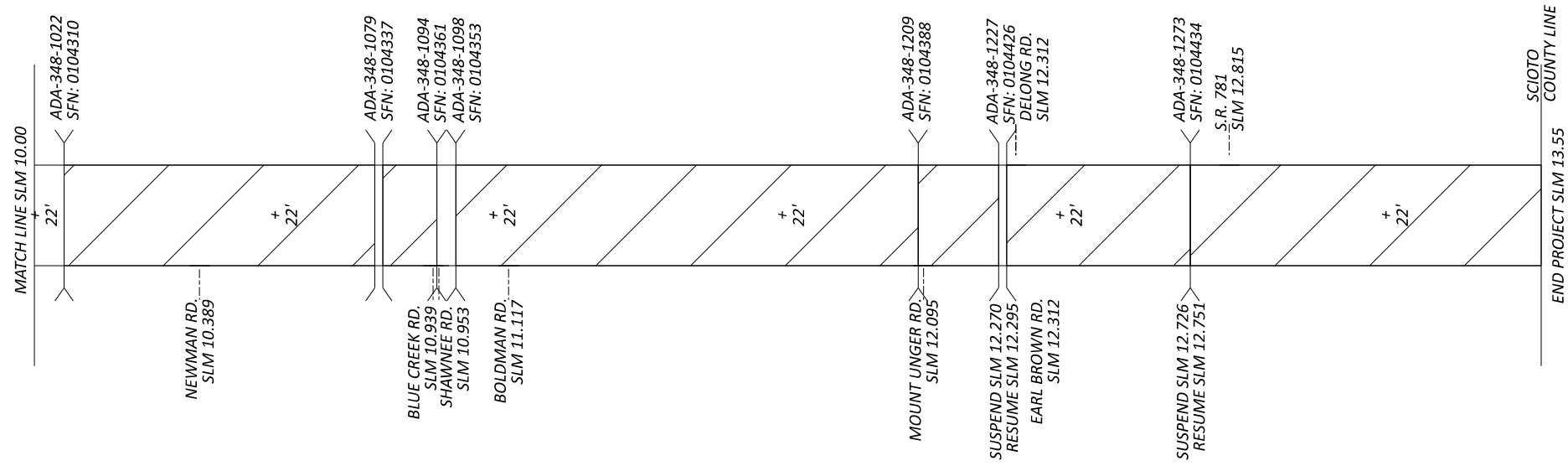
**LEGEND**  
 + = PAVEMENT WIDTH CHANGE  
 MILL & FILL, 1.5"

COUNTY-ROUTE DIRECTION	LOCATION				PAVEMENT DATA				PLAN DATA		254	407	441	COMMENTS
	LOG POINT	LENGTH	PAVEMENT WIDTH	PAVEMENT AREA	CADD MEASURED ADDTL PAVEMENT AREA	TOTAL PAVEMENT AREA	TYPICAL SECTION	PLAN SPLIT	PAVEMENT PLANING, ASPHALT CONCRETE, 1-1/2"	NON-TRACKING TACK COAT (0.09 GAL./SQ. YD.)	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN			
									SY	GAL	CY			
SLM	TO SLM	MILES	FT	FT	SY	SY	SY	SY	SY	SY	SY	SY	SY	
ADA-348	0.0000	1.5200	1.5200	8,025.60	25	22,293.33		22,293.33	1	01/STR/05	22,293.33	2,006.40	928.89	
	1.5200	2.1000	0.5800	3,062.40	21	7,145.60		7,145.60	1	01/STR/05	7,145.60	643.10	297.73	
	2.1000	2.8050	0.7050	3,722.40	22	9,099.20		9,099.20	1	01/STR/05	9,099.20	818.93	379.13	
	2.8050	2.8770	0.0720	380.16										SUSPEND AND RESUME, SKIP DECK AND APPROACHES
	2.8770	3.5420	0.6650	3,511.20	28	10,923.73		10,923.73	1	01/STR/05	10,923.73	983.14	455.16	
	3.5420	4.4200	0.8780	4,635.84	22	11,332.05		11,332.05	1	01/STR/05	11,332.05	1,019.88	472.17	
	4.4200	4.5490	0.1290	681.12	22	1,664.96		1,664.96	1	01/STR/05	1,664.96	149.85	69.37	
	4.5490	4.8060	0.2570	1,356.96	22	3,317.01		3,317.01	1	01/STR/05	3,317.01	298.53	138.21	
	4.8060	4.8290	0.0230	121.44										SUSPEND AND RESUME, SKIP DECK AND APPROACHES
	4.8290	4.9460	0.1170	617.76	22	1,510.08		1,510.08	1	01/STR/05	1,510.08	135.91	62.92	
	4.9460	4.9660	0.0200	105.60										SUSPEND AND RESUME, SKIP DECK AND APPROACHES
	4.9660	7.0330	2.0670	10,913.76	22	26,678.08		26,678.08	1	01/STR/05	26,678.08	2,401.03	1,111.59	
	7.0330	8.7450	1.7120	9,039.36	22	22,096.21		22,096.21	1	01/STR/05	22,096.21	1,988.66	920.68	
	8.7450	9.1500	0.4050	2,138.40	21	4,989.60		4,989.60	1	01/STR/05	4,989.60	449.06	207.90	
	9.1500	10.0000	0.8500	4,488.00	21	10,472.00		10,472.00	1	01/STR/05	10,472.00	942.48	436.33	
SUBTOTAL FOR PLAN SPLIT:									01/STR/05	131,521.87	11,836.97	5,480.08		
THIS SHEET TOTALS										131,521.87	11,836.97	5,480.08		
TOTALS CARRIED TO GENERAL SUMMARY										131,522	11,837	5,480		

**PAVEMENT CALCULATIONS**


DESIGN AGENCY	
DESIGNER	
REVIEWER	EMB
PROJECT ID	119134
SHEET TOTAL	P.6   P.10

**LEGEND**  
 + = PAVEMENT WIDTH CHANGE  
 MILL & FILL, 1.5"



COUNTY-ROUTE DIRECTION	LOCATION		PAVEMENT DATA				PLAN DATA		TYPICAL SECTION	PLAN SPLIT	PAVEMENT PLANING, ASPHALT CONCRETE, 1-1/2"	NON-TRACKING TACK COAT (0.09 GAL./SQ. YD.)	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN	COMMENTS
	SLM	TO SLM	MILES	FT	PAVEMENT WIDTH FT	PAVEMENT AREA SY	CADD MEASURED ADDTL PAVEMENT AREA SY	TOTAL PAVEMENT AREA SY						
ADA-348	10.0000	10.3890	0.3890	2,053.92	21	4,792.48		4,792.48	1	01/STR/05	4,792.48	431.32	199.69	
	10.3890	10.7900	0.4010	2,117.28	21	4,940.32		4,940.32	1	01/STR/05	4,940.32	444.63	205.85	
	10.7900	10.9400	0.1500	792.00	21	1,848.00		1,848.00	1	01/STR/05	1,848.00	166.32	77.00	
	10.9400	10.9800	0.0400	211.20	22	516.27		516.27	1	01/STR/05	516.27	46.46	21.51	
	10.9800	11.1700	0.1900	1,003.20	25	2,786.67		2,786.67	1	01/STR/05	2,786.67	250.80	116.11	
	11.1700	12.0950	0.9250	4,884.00	23	12,481.33		12,481.33	1	01/STR/05	12,481.33	1,123.32	520.06	
	12.0950	12.2700	0.1750	924.00	23	2,361.33		2,361.33	1	01/STR/05	2,361.33	212.52	98.39	
	12.2700	12.2950	0.0250	132.00										SUSPEND AND RESUME, MILL APPROACHES ONLY
	12.2950	12.3120	0.0170	89.76	24	239.36		239.36	1	01/STR/05	239.36	21.54	9.97	
	12.3120	12.7260	0.4140	2,185.92	23	5,586.24		5,586.24	1	01/STR/05	5,586.24	502.76	232.76	
	12.7260	12.7510	0.0250	132.00										SUSPEND AND RESUME
	12.7510	13.5500	0.7990	4,218.72	24	11,249.92		11,249.92	1	01/STR/05	11,249.92	1,012.49	468.75	
SUBTOTAL FOR PLAN SPLIT:									01/STR/05	46,801.92	4,212.17	1,950.08		
THIS SHEET TOTALS										46,801.92	4,212.17	1,950.08		
TOTALS CARRIED TO GENERAL SUMMARY										46,802	4,212	1,950		

PAVEMENT CALCULATIONS

DESIGN AGENCY  
  
 DESIGNER  
 JBS  
 REVIEWER  
 EMB MM-DD-YY  
 PROJECT ID  
 119134  
 SHEET TOTAL  
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SEGMENT	ROUTE	SLM	SIDE	DESCRIPTION	INTERSECTION DIMENSIONS			CALCULATED PAVEMENT AREA $[(A*B) + ((C-B)/2)^2]/9$	PLAN SPLIT	254	407	441	644	COMMENTS	DIAGRAMS		
					PAVEMENT PLANING, ASPHALT CONCRETE	NON TRACKING TACK COAT	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN			STOP LINE							
					1.5"	0.09 GAL./SY	1.5"										
FT	FT	FT	SY	SY	GAL	CY	FT										
1	348	0.000	LT/RT	SR 125	15.00	56.00	95.00	135.58	01/STR/05	135.58	12.20	5.65	20.00				
1	348	2.206	LT	CR 5 - COMPTON HILL	20.00	68.00	119.00	223.36	01/STR/05	223.36	20.10	9.31	20.00				
1	348	2.662	LT	TR 428 - MCKENZIE HILL RD	3.00	25.00	65.00	52.78	01/STR/05	52.78	4.75	2.20					
1	348	2.897	RT	TR 148 - CUMMINGS RD	15.00	26.00	73.00	104.69	01/STR/05	104.69	9.42	4.36	15.00				
1	348	3.542	LT	CR 58 - STARLEY GUSTIN RD	15.00	24.00	73.00	106.69	01/STR/05	106.69	9.60	4.45	15.00				
1	348	4.549	RT	CR 6-E - RANDALLS RUN RD	15.00	28.00	86.00	140.11	01/STR/05	140.11	12.61	5.84	15.00				
1	348	4.760	RT	TR 448 CEDAR HILL DR	3.00	20.00	35.00	12.92	01/STR/05	12.92	1.16	0.54					
1	348	4.940	LT	CR 6-D - CEDAR MILLS RD	15.00	25.00	53.00	63.44	01/STR/05	63.44	5.71	2.64	12.00				
1	348	7.033	RT	TR 158 - CEDAR RUN RD	3.00	26.00	50.00	24.67	01/STR/05	24.67	2.22	1.03					
1	348	7.582	LT	CR 27 - WHITE OAK RD	15.00	28.00	62.00	78.78	01/STR/05	78.78	7.09	3.28	12.00				
1	348	8.745	RT	TR 244 - THORNBERRY RD	15.00	15.00	36.00	37.25	01/STR/05	37.25	3.35	1.55					
1	348	10.389	RT	CR 224 - NEWMAN RD	15.00	28.00	60.00	75.11	01/STR/05	75.11	6.76	3.13	12.00				
1	348	10.939	RT	CR 18 - BLUE CREEK RD	20.00	22.00	40.00	57.89	01/STR/05	57.89	5.21	2.41	15.00				
1	348	10.953	RT	TR 165 - SHAWNEE RD	15.00	28.00	68.00	91.11	01/STR/05	91.11	8.20	3.80	15.00				
1	348	11.117	RT	TR 1080 - BOLDMAN RD	3.00	28.00	56.00	31.11	01/STR/05	31.11	2.80	1.30					
1	348	12.095	RT	TR 160C - MOUNT UNGER RD	15.00	28.00	46.00	55.67	01/STR/05	55.67	5.01	2.32	12.00				
1	348	12.260	RT	TR 159 - EARL BROWN RD	15.00	26.00	42.00	50.44	01/STR/05	50.44	4.54	2.10	12.00				
1	348	12.312	LT	TR 230 - DELONG RD	15.00	28.00	53.00	64.03	01/STR/05	64.03	5.76	2.67					
1	348	12.815	LT	SR 781	20.00	33.00	75.00	122.33	01/STR/05	122.33	11.01	5.10	15.00				
EXTRA AREAS:																	
DRIVEWAYS								250.00		250.00	22.50	10.42					
MAILBOXES								67.00		67.00	6.03	2.79					
SUBTOTAL FOR PLAN SPLIT:									01/STR/05	1,844.97	166.05	76.87	190				
SUBTOTALS										1,844.97	166.05	76.87	190.00				
TOTALS CARRIED TO GENERAL SUMMARY										1,845	166	77	190				

