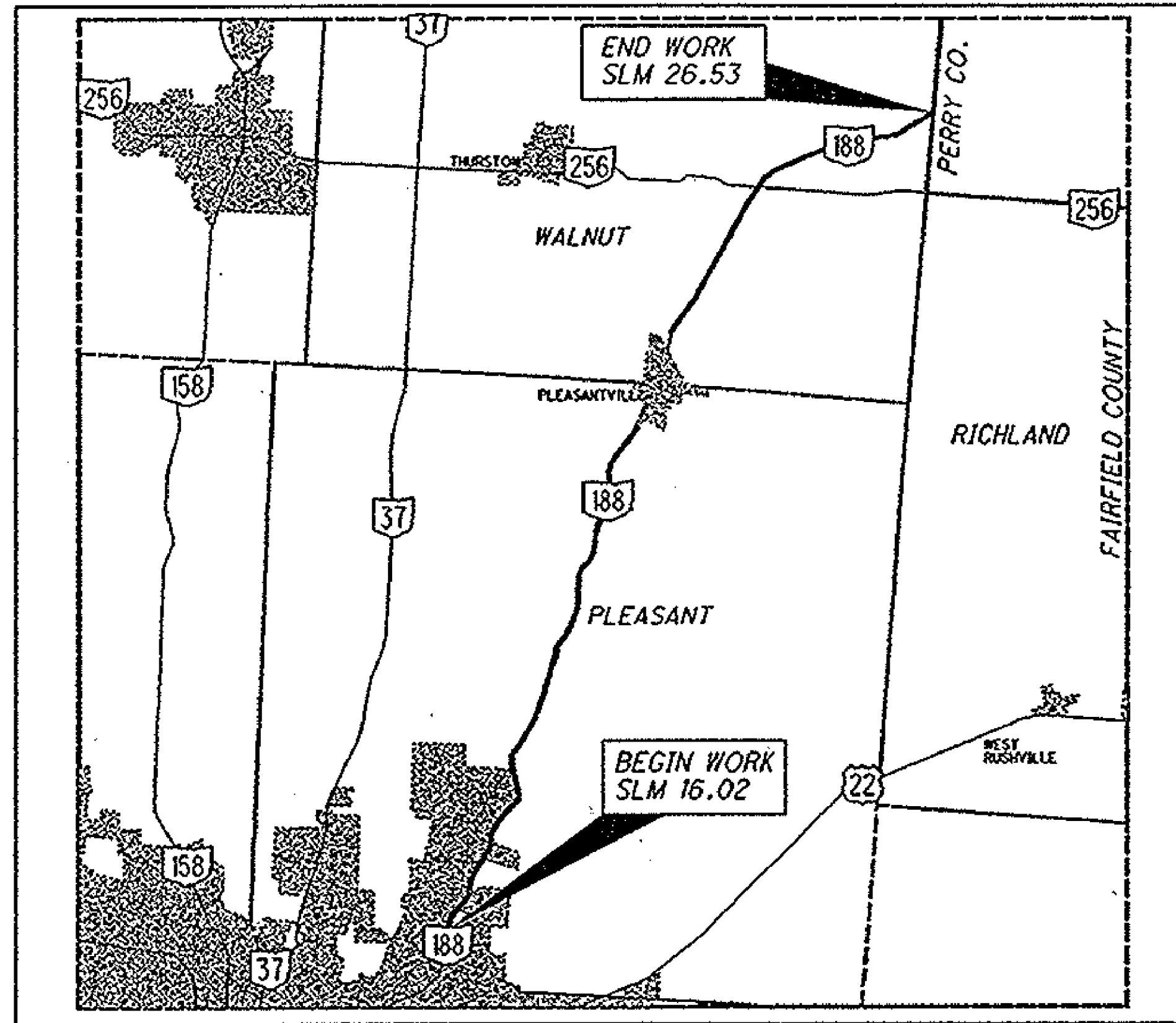


FAI - SR-188-16.02
 090386 PID - 82951
 Dist 5 7/29/2009



LOCATION MAP

LON/LAT: 82° 31' 55" / 39° 47' 48"

PORTION TO BE IMPROVED

DESIGN DESIGNATION	FAI-188 (16.02-19.06)	FAI-188 (19.06-26.53)
Functional Classification	UMA	RMC
Current ADT (2008)	5500	2500
Design Year ADT (2020)	6700	3000
Design Hourly Volume (2020)	670	330
Directional Distribution	50%	50%
Trucks (24 Hour B&C)	6%	7%
Design Speed	55mph	55mph
Legal Speed	55mph	55mph

UMA = URBAN MINOR ARTERIAL
 RMC = RURAL MAJOR COLLECTOR

DESIGN EXCEPTIONS: NONE

UNDERGROUND UTILITIES
 CONTACT BOTH SERVICES
 CALL TWO WORKING DAYS
 BEFORE YOU DIG

CALL
1-800-362-2764
 (TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
 NON-MEMBERS
 MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
 SERVICE CALL: 1-800-925-0988

PLAN PREPARED BY:
 OHIO DEPARTMENT OF TRANSPORTATION
 DISTRICT 5 PRODUCTION OFFICE

ENGINEER'S SEAL

STATE OF OHIO
DOUGLAS N. MORGAN
 E-63839
 REGISTERED
 PROFESSIONAL ENGINEER

SIGNED: *Douglas N. Morgan*
 DATE: 4/27/2009

STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION

FAI-188-16.02

CITY OF LANCASTER
 VILLAGE OF PLEASANTVILLE
 PLEASANT AND WALNUT
 TOWNSHIPS
 FAIRFIELD COUNTY

INDEX OF SHEETS:

TITLE SHEET 1
 GENERAL NOTES 2-3
 ASPHALT CONCRETE DATA 4
 PAVED SHOULDER DATA 5
 EXTRA AREA DATA 6
 PAVEMENT MARKING DATA 7-8
 RPM DATA 9
 LOCATION SUB-SUMMARIES 10-12
 GENERAL SUMMARY 13

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	10-31-07	TC-65.10	1-21-05	800	4-17-09
BP-4.1	7-16-04	TC-65.11	1-21-05	832	5-05-09
		TC-71.10	1-16-09		
MT-35.10	4-20-01	TC-73.10	1-19-01		
MT-97.10	4-17-09				
MT-97.12	4-17-09				
MT-99.20	1-16-09				
MT-101.90	1-16-09				
MT-105.10	1-16-09				

PROJECT DESCRIPTION:

ASPHALT CONCRETE RESURFACING, AND RELATED WORK, ON S.R. 188 IN FAIRFIELD COUNTY.

Project Earth Disturbed Area =
 N/A (Maintenance Project)
 Estimated Contractor Earth Disturbed Area =
 N/A (Maintenance Project)
 Notice of Intent Earth Disturbed Area =
 N/A (Maintenance Project)

LOCATION	COUNTY	ROUTE	BEGIN SLM	END SLM	LENGTH MILES	CITY/VILLAGE
1	FAI	188	16.02	19.06	2.49*	
2	FAI	188	19.06	26.53	7.47	PLEASANTVILLE
3	FAI	188	16.53/ 16.96	16.74/ 17.30	0.55	LANCASTER

* DEDUCTION FOR LOCATION 3

2008 SPECIFICATIONS

THE STANDARD 2008 SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND THE PROPOSAL SHALL GOVERN THESE IMPROVEMENTS.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THESE IMPROVEMENTS WILL NOT REQUIRE THE CLOSING OF THE HIGHWAY AND PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS INDICATED IN THE PROPOSAL.

APPROVED *William A. Fidenbaum*
 DATE 4-28-09 DISTRICT DEPUTY DIRECTOR

APPROVED *Salome M. Maltonis*
 DATE 5-11-09 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. E070 (944)
 PID NO. 82951
 CONSTRUCTION PROJECT NO.
 RAILROAD INVOLVEMENT
 NORFOLK SOUTHERN
 FAI-188-16.02
 1/13

UTILITIES

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

NOTIFICATION OF ROAD CLOSURE OR RESTRICTION

IN ORDER FOR ODOT TO PROPERLY PERMIT OVERSIZE LOADS, PREPARE PROPER SIGNING WHEN REQUIRED AND FURTHER TO NOTIFY THE GENERAL MOTORING PUBLIC, THE CONTRACTOR SHALL NOTIFY (IN WRITING) THE DISTRICT 5 HIGHWAY MANAGEMENT ADMINISTRATOR WITH COPIES FOR THE DISTRICT 5 ROADWAY SERVICES MANAGER AND PROJECT ENGINEER NOT LESS THAN 21 DAYS BEFORE SUCH CLOSURE OR LANE RESTRICTIONS.

SEND NOTIFICATION TO:

DISTRICT 5 HIGHWAY MANAGEMENT ADMINISTRATOR
P.O. BOX 306
JACKSONSTOWN, OH 43030
PHONE: (740) 323-4400 EXT. 5241

ITEM 614 WORK ZONE MARKING SIGNS

A QUANTITY OF WORK ZONE MARKING SIGNS HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

W8-HI2a (NO EDGE LINES) : LOCATION 1 - 3 EACH, LOCATION 2 - 6 EACH
R4-1 (DO NOT PASS) : LOCATION 1 - 4 EACH, LOCATION 2 - 24 EACH
R4-2 (PASS WITH CARE) : LOCATION 1 - 3 EACH, LOCATION 2 - 21 EACH

ITEM 621 RAISED PAVEMENT MARKER REMOVED

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE PLANS TO REMOVE RAISED PAVEMENT MARKERS FOR DISPOSAL BY THE CONTRACTOR. RPM REMOVAL SHALL NOT OCCUR SOONER THAN 10 DAYS PRIOR TO RESURFACING OF THE ROADWAY. ALL RPM'S REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THE ABOVE DESCRIBED PURPOSE.

ITEM 621 RAISED PAVEMENT MARKER REMOVED

LOCATION 1 - 227 EACH
LOCATION 2 - 568 EACH
LOCATION 3 - 53 EACH

ITEM 617 COMPACTED AGGREGATE, AS PER PLAN

ALL AGGREGATE SHALL BE 100% CRUSHED LIMESTONE. ALL QUALITY REQUIREMENTS EXCEPT SHALE SHALL BE WAIVED. OTHER GRADATION REQUIREMENTS SHALL BE AS SPECIFIED EXCEPT THE INDEX SHALL BE WAIVED. IF SO PERMITTED, THE CONTRACTOR MAY USE ASPHALT CONCRETE PAVEMENT (RACP MEETING REQUIREMENTS OF 617.02) IN LIEU OF CRUSHED LIMESTONE.

ITEM 407 TACK COAT

THE RATE OF APPLICATION OF THE 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.075 GALLONS PER SQUARE YARD FOR ESTIMATING PURPOSES ONLY.

ITEM 407 TACK COAT, 702.13, AS PER PLAN

THE CONTRACTOR SHALL PAVE OVER THE EXISTING CONCRETE GUTTERS LOCATED WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL TACK THE CONCRETE GUTTERS WITH A RUBBERIZED ASPHALT EMULSION CONFORMING TO 702.13. PRIOR TO PLACING THE RUBBERIZED TACK COAT, THE CONTRACTOR SHALL REMOVE ALL DIRT, GRASS AND DEBRIS FROM THE CRACKS IN THE CONCRETE GUTTER.

ITEM 408 PRIME COAT, AS PER PLAN

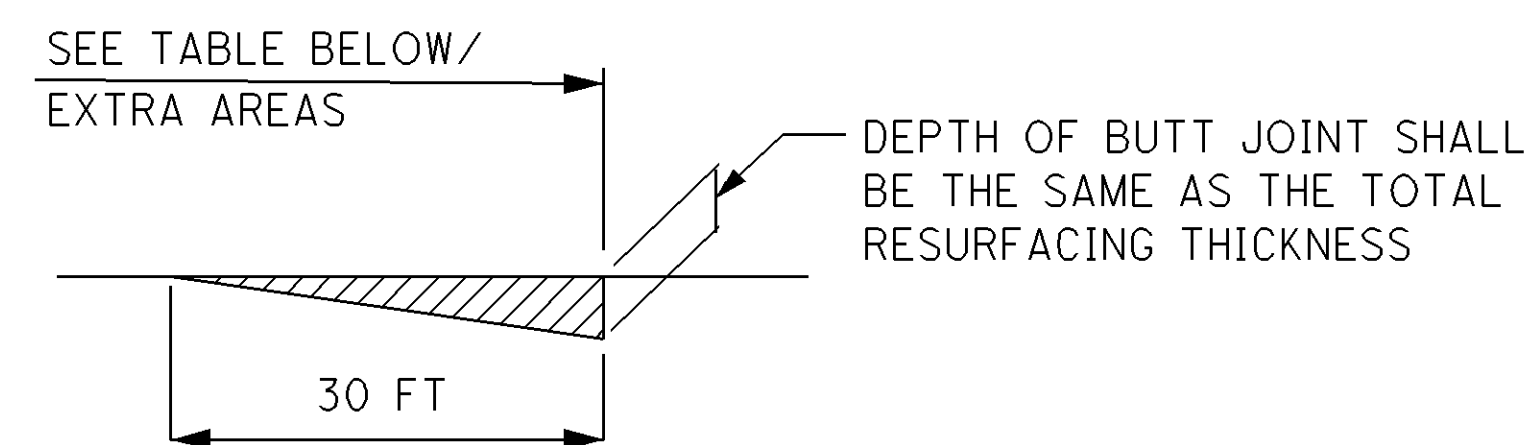
THE CONTRACTOR SHALL APPLY ONE COAT OF MC-70 (AS PER SECTION 702) AT A RATE OF 0.40 GALLON PER SQUARE YARD TO THE COMPLETED AGGREGATE SHOULDER (ITEM 617) AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A SHIELD TO PREVENT THE SPRAYING OR DRIFTING OF LIQUID BITUMINOUS MATERIAL ONTO THE EDGE OF PAVEMENT OR EDGE LINE. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO 107.10 OF THE SPECIFICATIONS. THE FOLLOWING QUANTITY OF PRIME COAT, AS PER PLAN HAS BEEN CARRIED TO THE GENERAL SUMMARY AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT TO PERFORM THE ABOVE MENTIONED WORK.

ITEM 408 PRIME COAT, AS PER PLAN

LOCATION 1 - (12936 FT x 4.0 FT)/9 x 0.40 GAL./SQ YD = 2300 GAL.
LOCATION 2 - (36274 FT x 4.0 FT)/9 x 0.40 GAL./SQ YD = 6449 GAL.
LOCATION 3 - (2904 FT x 4.0 FT)/9 x 0.40 GAL./SQ YD = 517 GAL.

BUTT JOINT

A BUTT JOINT WILL BE REQUIRED AT LOCATIONS SPECIFIED BELOW AND AT EXTRA AREAS WITH WEARING COURSE REMOVED. AFTER THE JOINT IS CONSTRUCTED, THE DROP OFF CREATED SHALL BE MINIMIZED BY IMMEDIATELY PLACING THE PROPOSED SURFACE COURSE TO WITHIN 1.0" OF EXISTING ROADWAY SURFACE OR BY PLACING A WEDGE AS SHOWN BELOW USING ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC. BUTT JOINTS SHALL BE AS PER SCD BP-3.1, 10-19-07 UNLESS OTHERWISE SHOWN IN THE PLANS.



MINIMUM BUTT JOINT LENGTH SHALL BE 30'

LOCATION	ROUTE	DESCRIPTION	SLM	202 WEARING COURSE REMOVED SQ. YD.	
1	S.R. 188	BEGIN WORK	16.02	107	
2	S.R. 188	NORFOLK SOUTHERN RR	22.63	160	
2	S.R. 188	END WORK	26.53	80	
2	S.R. 188	TOTAL		240	

RESIDENCE AND COMMERCIAL DRIVES

AN ESTIMATED QUANTITY OF ITEM 424 ASPHALT CONCRETE HAS BEEN INCLUDED IN THE PLAN TO BE USED AS DIRECTED BY THE ENGINEER TO PAVE APPROACH AREAS TO EXISTING DRIVEWAYS. PAVING SHALL TYPICALLY EXTEND 4' INTO THE DRIVEWAY (MEASURED FROM THE EDGE OF PAVEMENT OR PAVED SHOULDER IF PRESENT). THERE ARE 5 TYPES OF DRIVES: CONCRETE, ASPHALT, GRAVEL, GRAVEL WITH ASPHALT APRON, AND FIELD/OIL WELL DRIVES. FIELD DRIVES AND OIL WELL DRIVES SHALL NOT BE PAVED. GRAVEL DRIVES SHALL BE PAVED BACK 4' INTO THE DRIVEWAY UNLESS OTHERWISE DIRECTED BY THE ENGINEER. CONCRETE AND ASPHALT DRIVES SHALL HAVE BUTT JOINTS OR AS SHORT AN ASPHALT TAPER AS POSSIBLE (PREFERRED 4') AS DIRECTED BY THE ENGINEER SO AS TO PROVIDE A SMOOTH TRANSITION. GRAVEL DRIVES WITH ASPHALT APRONS SHALL ALSO HAVE BUTT JOINTS OR AS SHORT A ASPHALT TAPER AS POSSIBLE (PREFERRED 4') BUT ONLY IF THE EXISTING ASPHALT APRON IS IN AN ACCEPTABLE CONDITION TO BE PAVED OVER AS DIRECTED BY THE ENGINEER. IF THE ASPHALT APRON CANNOT BE PAVED OVER (FOR EXAMPLE, BROKEN INTO SMALL PIECES) AS DETERMINED BY THE ENGINEER, IT SHALL BE REMOVED BEFORE BEING PAVED BACK 4' INTO THE DRIVEWAY. ALL GRADING, PRIME OR TACK COAT, MATERIALS, LABOR, EQUIPMENT TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE DRIVES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEMS LISTED BELOW.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE SUB-SUMMARIES FOR THE ABOVE DESCRIBED PURPOSE.

ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B
 LOCATION 1 - 23 CU.YD.
 LOCATION 2 - 2 CU.YD.
 LOCATION 3 - 1 CU.YD.

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" 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.

PAVEMENT MARKING

STOP LINES, CROSSWALK LINES, CHANNELIZING LINES, ETC., SHOWN IN THE PLANS ARE TAKEN FROM EXISTING MARKINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DOCUMENT EXISTING MARKING LOCATIONS (i.e. BY USE OF VIDEO, PICTURES) AND PLACE NEW PAVEMENT MARKINGS AS NEAR AS POSSIBLE TO THE EXISTING LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. DOCUMENTATION OF PAVEMENT MARKING SHALL BE SUPPLIED TO THE ENGINEER BEFORE COMMENCEMENT OF ANY OPERATION WHICH WILL REMOVE/OBLITERATE MARKINGS.

MAIL BOX TURN OUTS

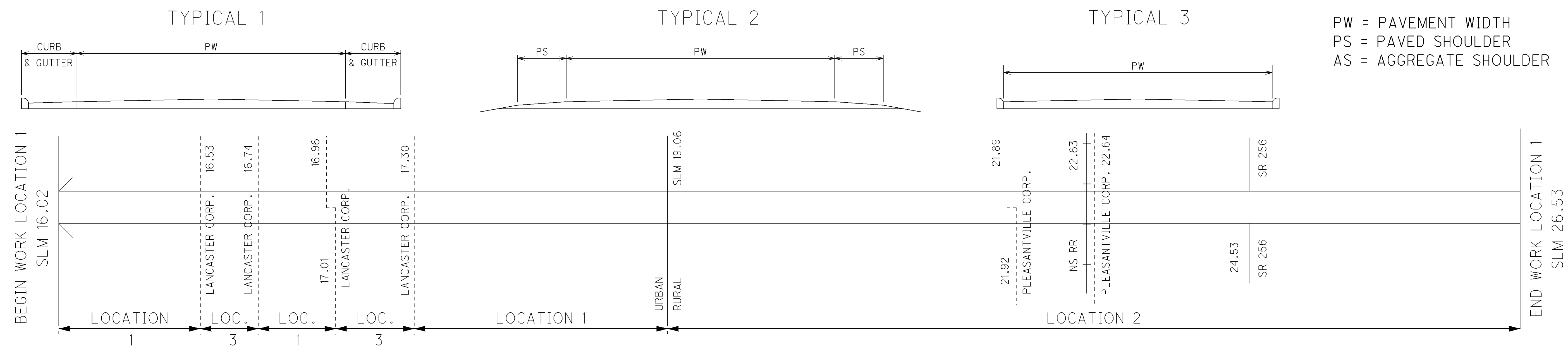
A QUANTITY OF ASPHALT CONCRETE HAS BEEN PROVIDED IN THE PLAN TO COVER MAIL BOX TURN OUTS. TURN OUTS SHALL BE PAVED AS SHOWN IN THE DETAIL IN DRAWING BP-4.1, 7-16-04. ANY EXTRA GRADING OF THE SHOULDERS, PRIME OR TACK COAT, MATERIALS, LABOR, EQUIPMENT TOOLS AND INCIDENTALS NECESSARY TO COMPLETE MAIL BOX TURN OUTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEMS LISTED BELOW. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE SUB-SUMMARIES FOR THE ABOVE PURPOSES.

ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B
 LOCATION 1 - 1 CU.YD.
 LOCATION 2 - 1 CU.YD.
 LOCATION 3 - 1 CU.YD.

ITEM 209 LINEAR GRADING

IN ORDER TO PROVIDE POSITIVE DRAINAGE FROM THE ROADWAY SURFACE TO THE SHOULDER BREAK, THE EXISTING ROADWAY SHOULDERS SHALL BE GRADED AND SHAPED USING A GRADER OF ADEQUATE SIZE TO PERFORM THE WORK TO THE SATISFACTION OF THE ENGINEER. ALL EXCESS MATERIAL REMAINING AROUND GUARDRAIL AND OTHER AREAS AFTER THE GRADER WORK IS COMPLETED AND NOT DISPOSED OF ON THE SITE, SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. ALL EQUIPMENT, LABOR, OR INCIDENTALS REQUIRED TO COMPLETE THIS ITEM SHALL BE INCLUDED FOR PAYMENT IN THE UNIT PRICE BID FOR ITEM 209 LINEAR GRADING. THIS WORK MAY BE INTERMITTENT AND SPREAD THROUGHOUT THE PROJECT LIMITS, AS DIRECTED BY THE ENGINEER. ALL LINEAR GRADING WORK SHALL BE DONE BEFORE PLACING THE ASPHALT SURFACE COURSE. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE SUB-SUMMARY FOR THE ABOVE PURPOSES.

ITEM 209 LINEAR GRADING
 LOCATION 1 - 2 MILE
 LOCATION 2 - 5 MILE



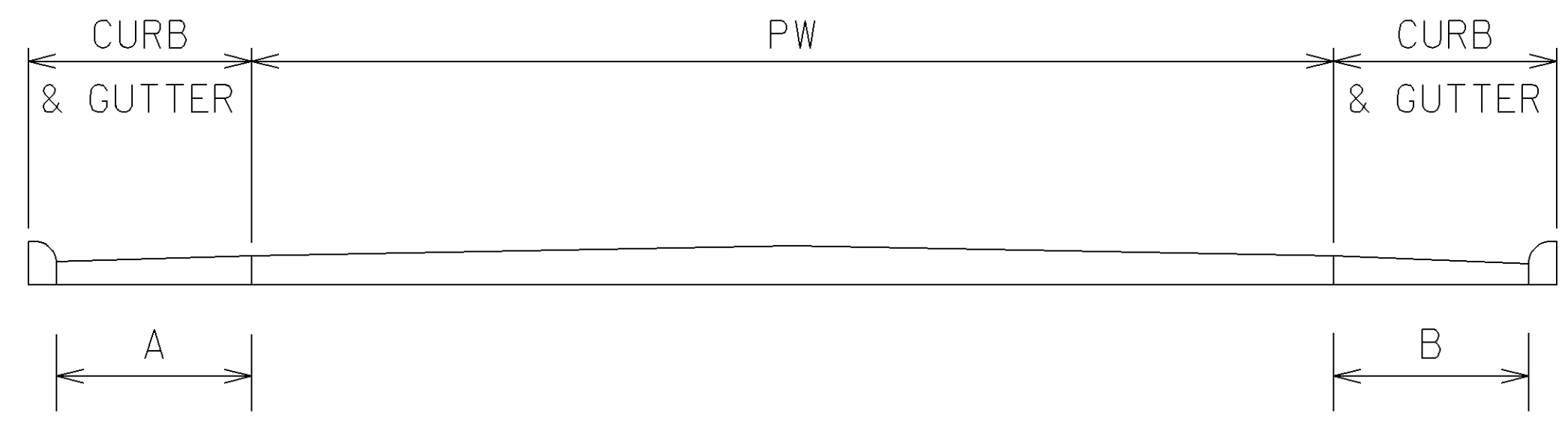
PW = PAVEMENT WIDTH
PS = PAVED SHOULDER
AS = AGGREGATE SHOULDER

PAVEMENT DATA																
LOCATION	COUNTY	ROUTE	BEGIN LOG POINT SLM	END LOG POINT SLM	LENGTH		PAVEMENT WIDTH (FEET)	TYPICAL	EXISTING PAVEMENT TYPE	PAVEMENT AREA	407			424		614
					MILES	LIN. FT.					TACK COAT @ 0.075 GAL./S.Y.	THICKNESS	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	WORK ZONE CENTER LINE, CLASS II		
															SQ. YD.	GAL.
1	FAI	S.R. 188	16.02	16.06	0.04	211.20	32.0	1	448	750.9	56.4	0.75	15.7	0.04		
1	FAI	S.R. 188	16.06	16.20	0.14	739.20	22.0	2	448	1,806.9	135.6	0.75	37.7	0.14		
1	FAI	S.R. 188	16.20	16.25	0.05	264.00	28.0	2	448	821.3	61.6	0.75	17.2	0.05		
1	FAI	S.R. 188	16.25	16.29	0.04	211.20	33.0	2	448	774.4	58.1	0.75	16.2	0.04		
1	FAI	S.R. 188	16.29	16.35	0.06	316.80	28.0	2	448	985.6	74.0	0.75	20.6	0.06		
1	FAI	S.R. 188	16.35	16.53	0.18	950.40	22.0	2	448	2,323.2	174.3	0.75	48.4	0.18		
1	FAI	S.R. 188	16.74	16.96	0.22	1,161.60	22.0	2	448	2,839.5	213.0	0.75	59.2	0.22		
1	FAI	S.R. 188	17.30	19.06	1.76	9,292.80	22.0	2	448	22,715.7	1,703.7	0.75	473.3	1.76		
LOCATION 1 (TOTALS CARRIED TO GENERAL SUMMARY)											2,476.7	688.3	2.49			
2	FAI	S.R. 188	19.06	22.00	2.94	15,523.20	22.0	2	448	37,945.6	2,846.0	0.75	790.6	2.94		
2	FAI	S.R. 188	22.00	22.17	0.17	897.60	26.0	3	448	2,593.1	194.5	0.75	54.1	0.17		
2	FAI	S.R. 188	22.17	22.24	0.07	369.60	28.0	3	448	1,149.9	86.3	0.75	24.0	0.07		
2	FAI	S.R. 188	22.24	22.30	0.06	316.80	36.0	3	448	1,267.2	95.1	0.75	26.4	0.06		
2	FAI	S.R. 188	22.30	22.60	0.30	1,584.00	28.0	3	448	4,928.0	369.6	0.75	102.7	0.30		
2	FAI	S.R. 188	22.60	26.53	3.93	20,750.40	20.0	2	448	46,112.0	3,458.4	0.75	960.7	3.93		
LOCATION 2 (TOTALS CARRIED TO GENERAL SUMMARY)											7,049.9	1,958.5	7.47			
3	FAI	S.R. 188	16.53	16.74	0.21	1,108.80	22.0	2	448	2,710.4	203.3	0.75	56.5	0.21		
3	FAI	S.R. 188	16.96	17.30	0.34	1,795.20	22.0	2	448	4,388.3	329.2	0.75	91.5	0.34		
LOCATION 3 (TOTALS CARRIED TO GENERAL SUMMARY)											532.5	148.0	0.55			

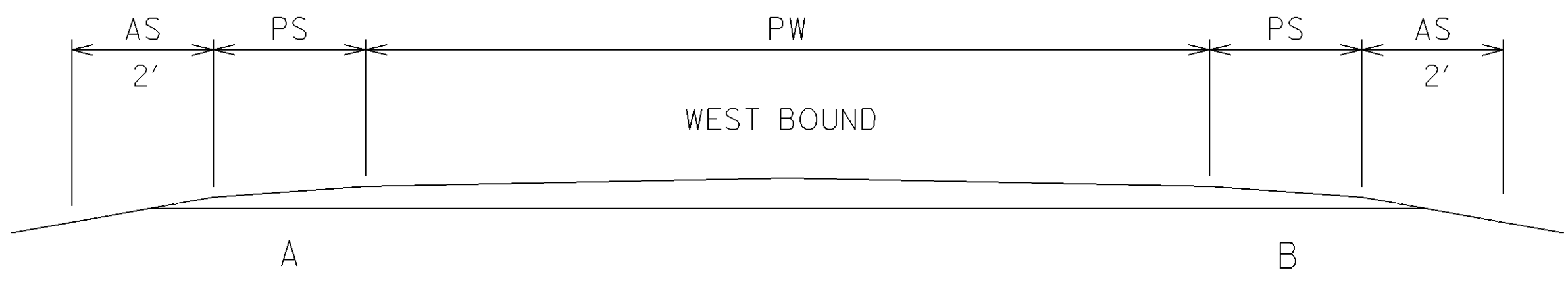
ASPHALT CONCRETE DATA

FAI-188-16.02

TYPICAL 1



TYPICAL 2



PW = PAVEMENT WIDTH
PS = PAVED SHOULDER
AS = AGGREGATE SHOULDER

SHOULDER DATA

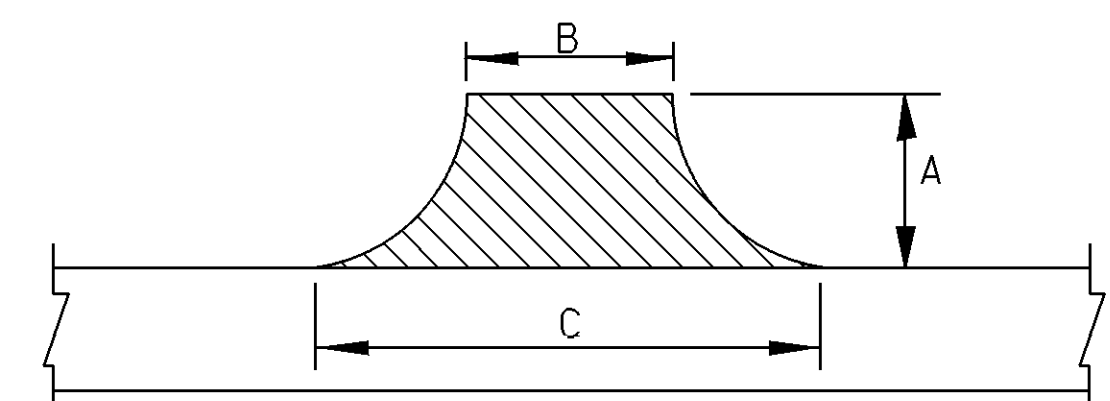
LOCATION	COUNTY	ROUTE	BEGIN LOG POINT SLM	END LOG POINT SLM	LENGTH		TYPICAL	PROPOSED WIDTH (FT.)		SHOULDER AREA	407		424		617	
					MILES	LIN. FT.		A	B		TACK COAT, 702.13, AS PER PLAN @ 0.075 GAL./S.Y.	TACK COAT @ 0.075 GAL./S.Y.	THICKNESS	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	THICKNESS	COMPACTED AGGREGATE, AS PER PLAN (2' WIDTH)
1	FAI	S.R. 188	16.02	16.06	0.04	211.20	1	2	2	93.9	7.1		0.75	2.0		
1	FAI	S.R. 188	16.06	16.53	0.47	2,481.60	2	2	2	1,102.9		82.8	0.75	23.0	0.75	23.0
1	FAI	S.R. 188	16.74	16.96	0.22	1,161.60	2	2	2	516.3		38.8	0.75	10.8	0.75	10.8
1	FAI	S.R. 188	17.30	19.06	1.76	9,292.80	2	2	2	4,130.1		309.8	0.75	86.1	0.75	86.1
LOCATION 1 (TOTALS CARRIED TO SUB-SUMMARY)											7.1	431.4		121.9		119.9
2	FAI	S.R. 188	19.06	22.00	2.94	15,523.20	2	2	2	6,899.2		517.5	0.75	143.8	0.75	143.8
2	FAI	S.R. 188	22.60	26.53	3.93	20,750.40	2	2	2	9,222.4		691.7	0.75	192.2	0.75	192.2
LOCATION 2 (TOTALS CARRIED TO SUB-SUMMARY)												1,209.2		336.0		336.0
3	FAI	S.R. 188	16.53	16.74	0.21	1,108.80	2	2	2	492.8		37.0	0.75	10.3	0.75	10.3
3	FAI	S.R. 188	16.96	17.30	0.34	1,795.20	2	2	2	797.9		59.9	0.75	16.7	0.75	16.7
LOCATION 3 (TOTALS CARRIED TO SUB-SUMMARY)												96.9		27.0		27.0

PAVED SHOULDER DATA

FAI-188 - 16.02

EXTRA AREAS

LOCATION	COUNTY	ROUTE	SIDE	DESCRIPTION	INTERSECTIONS			AREA SQ. YD.	202	407	424	
					WEARING COURSE REMOVED SQ. YD.	TACK COAT @ 0.075 GAL./SQ. YD. GAL.	THICKNESS IN.		FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B CU. YD.			
										DETAIL DIMENSION		
										A FT.	B FT.	C FT.
1	FAI	S.R. 188	LT.	CONCORDIA DR.	12	38	87	83.4	83.4	6.3	0.75	1.8
1	FAI	S.R. 188	LT.	TIKI LN.	12	69	93	108.0	108.0	8.1	0.75	2.3
1	FAI	S.R. 188	LT.	RIDGEVIEW CT.	12	57	79	90.7	90.7	6.9	0.75	1.9
1	FAI	S.R. 188	RT.	HANOVER CT.	12	35	58	62.0	62.0	4.7	0.75	1.3
1	FAI	S.R. 188	RT.	MUD HOUSE RD.	12	36	97	88.7	88.7	6.7	0.75	1.9
1	FAI	S.R. 188	LT.	RAINBOW DR.	12	32	76	72.0	72.0	5.4	0.75	1.5
1	FAI	S.R. 188	LT.	BARRY DR.	12	32	70	68.0	68.0	5.1	0.75	1.5
1	FAI	S.R. 188	RT.	PLEASANT WAY	12	25	50	50.0	50.0	3.8	0.75	1.1
1	FAI	S.R. 188	LT.	COONPATH RD.	12	30	61	60.7	60.7	4.6	0.75	1.3
1	FAI	S.R. 188	RT.	COONPATH RD.	12	30	50	53.4	53.4	4.1	0.75	1.2
LOCATION 1 (TOTALS CARRIED TO SUB-SUMMARY)								736.9	55.7			15.8
2	FAI	S.R. 188	RT.	BEATTY RD.	12	17	37	36.0	36.0	2.7	0.75	0.8
2	FAI	S.R. 188	LT.	CAROL EASTERN RD.	12	25	51	50.7	50.7	3.9	0.75	1.1
2	FAI	S.R. 188	RT.	CAROL EASTERN RD.	12	20	39	39.4	39.4	3.0	0.75	0.9
2	FAI	S.R. 188		PLEASANTVILLE CORP.								
2	FAI	S.R. 188	RT.	RICHLAND RD.	12	30	77	71.4	71.4	5.4	0.75	1.5
2	FAI	S.R. 188	RT.	ACADEMY ST.	12	26	42	45.4	45.4	3.5	0.75	1.0
2	FAI	S.R. 188	RT.	ALLEY	4	15	15	6.7	6.7	0.6	0.75	0.2
2	FAI	S.R. 188	RT.	ALLEY	4	15	13	6.3	6.3	0.5	0.75	0.2
2	FAI	S.R. 188	LT.	ALLEY	4	15	20	7.8	7.8	0.6	0.75	0.2
2	FAI	S.R. 188	LT.	WALNUT ST.	12	34	44	52.0	52.0	3.9	0.75	1.1
2	FAI	S.R. 188	RT.	WALNUT ST.	12	23	25	32.0	32.0	2.4	0.75	0.7
2	FAI	S.R. 188	LT.	COLUMBUS ST.	12	28	37	43.4	43.4	3.3	0.75	1.0
2	FAI	S.R. 188	RT.	COLUMBUS ST.	12	40	40	53.4	53.4	4.1	0.75	1.2
2	FAI	S.R. 188	RT.	EXTRA AREA @ COLUMBUS ST.	167	23		213.0	213.0	16.0	0.75	4.5
2	FAI	S.R. 188	RT.	ALLEY	4	10	20	6.7	6.7	0.6	0.75	0.2
2	FAI	S.R. 188	RT.	ALLEY	4	13	22	7.8	7.8	0.6	0.75	0.2
2	FAI	S.R. 188	RT.	ALLEY	4	13	25	8.5	8.5	0.7	0.75	0.2
2	FAI	S.R. 188	RT.	HIGH ST.	12	25	41	44.0	44.0	3.3	0.75	1.0
2	FAI	S.R. 188	LT.	SUMMIT ST.	12	25	50	50.0	50.0	3.8	0.75	1.1
2	FAI	S.R. 188		PLEASANTVILLE CORP.								
2	FAI	S.R. 188	LT.	MUSSER RD.	12	25	72	64.7	64.7	4.9	0.75	1.4
2	FAI	S.R. 188	RT.	LAKE RD. (CONNECTOR)	12	20	42	41.4	41.4	3.2	0.75	0.9
2	FAI	S.R. 188	RT.	LAKE RD.	12	25	48	48.7	48.7	3.7	0.75	1.1
2	FAI	S.R. 188	LT.	LAKE RD.	12	35	113	98.7	98.7	7.5	0.75	2.1
2	FAI	S.R. 188	LT.	S.R. 256	12	26	55	54.0	54.0	4.1	0.75	1.2
2	FAI	S.R. 188	RT.	S.R. 256	12	26	55	54.0	54.0	4.1	0.75	1.2
2	FAI	S.R. 188	LT.	CATTAIL RD.	12	25	74	66.0	66.0	5.0	0.75	1.4
2	FAI	S.R. 188	RT.	CATTAIL RD.	12	21	52	48.7	48.7	3.7	0.75	1.1
2	FAI	S.R. 188	LT.	WATER ST.	12	18	46	42.7	42.7	3.3	0.75	0.9
2	FAI	S.R. 188	RT.	NEW SALEM RD.	12	28	72	66.7	66.7	5.1	0.75	1.4
2	FAI	S.R. 188	LT.	CANAL RD.	12	28	69	64.7	64.7	4.9	0.75	1.4
2	FAI	S.R. 188	LT.	EAST ST.	12	20	44	42.7	42.7	3.3	0.75	0.9
LOCATION 2 (TOTALS CARRIED TO SUB-SUMMARY)								1,467.5	111.7			32.1



INTERSECTIONS

$$AREA = \left[A \frac{(B + C)}{2} \right] / 9$$

EXTRA AREAS DATA

FAI-188-16.02

ITEM 642 EDGE LINE SUB-SUMMARY													
L O C A T I O N	C O U N T Y	R O U T E	S.L.M.		T O T A L L E N G T H (MILES)	I N F O R M A T I O N O N L Y						T O T A L E D G E L I N E M I L E S	R E M A R K S
						W H I T E E D G E L I N E Q U A N T I T I E S			Y E L L O W E D G E L I N E Q U A N T I T I E S				
			FROM	TO		TOTAL MILES	HIGHWAY MILES	RAMP MILES	TOTAL MILES	HIGHWAY MILES	RAMP MILES		
1	FAI	S.R. 188	16.02	16.53	0.51	1.02	1.02					1.02	
1	FAI	S.R. 188	16.74	16.96	0.22	0.44	0.44					0.44	
1	FAI	S.R. 188	17.30	19.06	1.76	3.52	3.52					3.52	
LOCATION 1 (TOTAL CARRIED TO SUB-SUMMARY)											4.98		
2	FAI	S.R. 188	19.06	22.00	2.94	5.88	5.88					5.88	
2	FAI	S.R. 188	22.60	26.53	3.93	7.86	7.86					7.86	
LOCATION 2 (TOTAL CARRIED TO SUB-SUMMARY)											13.74		
3	FAI	S.R. 188	16.53	16.74	0.21	0.42	0.42					0.42	
3	FAI	S.R. 188	16.96	17.30	0.34	0.68	0.68					0.68	
LOCATION 3 (TOTAL CARRIED TO SUB-SUMMARY)											1.10		

ITEM 642 FAST DRY CENTER LINE DATA										
L O C A T I O N	C O U N T Y	R O U T E	S.L.M.		T O T A L L E N G T H (MILES)	I N F O R M A T I O N O N L Y		T O T A L C E N T E R L I N E M I L E S	R E M A R K S	
						C E N T E R L I N E Q U A N T I T I E S				
			FROM	TO		TOTAL MILES	EQUIVALENT SOLID LINE			
1	FAI	S.R. 188	16.02	16.53	0.51	0.51	1.020	0.51	BEGIN @ LANCASTER E. CORP.	
1	FAI	S.R. 188	16.74	16.96	0.22	0.22	0.440	0.22		
1	FAI	S.R. 188	17.30	19.06	1.76	1.76	2.565	1.76		
1	FAI	S.R. 188	16.20	16.26	0.06	0.06	0.120	0.06	DOUBLE CENTER @ TURN LANE	
1	FAI	S.R. 188	16.29	16.35	0.06	0.06	0.120	0.06	DOUBLE CENTER @ TURN LANE	
LOCATION 1 (TOTAL CARRIED TO SUB-SUMMARY)								2.61		
2	FAI	S.R. 188	19.06	26.53	7.47	7.47	11.362	7.47		
LOCATION 2 (TOTAL CARRIED TO SUB-SUMMARY)								7.47		
3	FAI	S.R. 188	16.53	16.74	0.21	0.21	0.420	0.21	LANCASTER CORP.	
3	FAI	S.R. 188	16.96	17.30	0.34	0.34	0.680	0.34	LANCASTER CORP.	
LOCATION 3 (TOTAL CARRIED TO SUB-SUMMARY)								0.55		

644 THERMOPLASTIC AUXILIARY MARKING

LOCATION	COUNTY	ROUTE	DESCRIPTION	SIDE	TRANVERSE/DIAGONAL LINES (24")		STOP LINE (24")	12" CROSSWALK LINE	WORD ON PAVEMENT		SCHOOL SYMBOL MARKING		ISLAND MARKING	RAILROAD MARKING SYMBOL	REMARKS		
					WHITE	YELLOW			ONLY		72"	96"				72"	96"
									72"	96"							
									FT.	FT.							
1	FAI	S.R. 188	CONCORDIA DR.	LT.			26								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	TIKI LN.	LT.			22								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	RIDGEVIEW CT.	LT.			20								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	HANOVER CT.	RT.			17								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	ON S.R. 188								1				PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	ON S.R. 188								1				PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	MUD HOUSE RD.	RT.			30								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	RAINBOW DR.	LT.			16								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	BARRY DR.	LT.			25								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	PLEASANT WAY	RT.			16								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	ON S.R. 188 BEFORE COONPATH RD.				18								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	COONPATH RD.	LT.			22								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	COONPATH RD.	RT.			18								PLACE AT EXISTING LOCATION		
1	FAI	S.R. 188	ON S.R. 188 AFTER COOPATH RD.				18								PLACE AT EXISTING LOCATION		
LOCATION 1 (TOTALS CARRIED TO SUB-SUMMARY)								248				2					
2	FAI	S.R. 188	BEATTY RD.	RT.			14								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	CAROL EASTERN RD.	LT.			14								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	CAROL EASTERN RD.	RT.			14								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	PLEASANTVILLE CORP.														
2	FAI	S.R. 188	RICHLAND RD.	RT.			31								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ON S.R. 188							1					PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ACADEMY ST.	RT.			11	62							PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ALLEY	RT.			7								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ALLEY	RT.			7								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ALLEY	LT.			7								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	WALNUT ST.	LT.			18	78							PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	WALNUT ST.	RT.			44								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ON S.R. 188 AFTER WALNUT ST.				74								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ON S.R. 188 BEFORE COLUMBUS ST.				82								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	COLUMBUS ST.	LT.			14	74							PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	COLUMBUS ST.	RT.			20	80							PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ON S.R. 188 AFTER COLUMBUS ST.	RT.			100								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ON S.R. 188							1					PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ALLEY	RT.			7								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ALLEY	RT.			7								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ALLEY	RT.			7								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ON S.R. 188 BEFORE HIGH ST.				52								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	HIGH ST.	RT.			11	44							PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	ON S.R. 188										1		PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	SUMMIT ST.	LT.			10								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	PLEASANTVILLE CORP.														
2	FAI	S.R. 188	ON S.R. 188										1		PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	MUSSER RD.	LT.			29								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	LAKE RD. (CONNECTOR)	RT.			17								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	LAKE RD.	RT.			22								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	LAKE RD.	LT.			17								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	S.R. 256	LT.			17								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	S.R. 256	RT.			17								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	CATTAIL RD.	LT.			19								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	CATTAIL RD.	RT.			13								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	WATER ST.	LT.			8								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	NEW SALEM RD.	RT.			12								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	CANAL RD.	LT.			12								PLACE AT EXISTING LOCATION		
2	FAI	S.R. 188	EAST ST.	LT.			8								PLACE AT EXISTING LOCATION		
LOCATION 2 (TOTALS CARRIED TO SUB-SUMMARY)								390	690			2			2		

CALCULATED
LME
CHECKED
DNM

AUXILIARY MARKING DATA

FAI-188-16.02

DETAIL	SEE STD. DWG. TC-65.11
1	TAPERED ACCELERATION LANE
2	DECELERATION LANE
3	MULTILANE DIVIDED/ CONTROLLED ACCESS

DETAIL	SEE STD. DWG. TC-65.11
4	4 LANE DIVIDED TO 2 LANE TRANSITION
5	4 LANE UNDIVIDED TO 2 LANE TRANSITION
6	ONE LANE BRIDGE
7	STOP APPROACH
8	THRU APPROACH
9	TWO WAY LEFT TURN LANE

DETAIL	SEE STD. DWG. TC-65.11
10	APPROACH W/LT. TURN LANE
11	HORIZONTAL CURVE 40'
12	HORIZONTAL CURVE ALT.
GAP	CENTERLINE AT 80' TYP.

ITEM 621 RPM SUB-SUMMARY

LOCATION	COUNTY	ROUTE	BEGIN LOG POINT SLM	END LOG POINT SLM	LENGTH		DETAIL	621	PRISMATIC RETRO-REFLECTOR COLORS					REMARKS
								RPM	INFORMATION ONLY					
									ONE-WAY		TWO-WAY			
									WHITE	YELLOW	YELLOW YELLOW	WHITE RED	YELLOW RED	
							WHITE	YELLOW	YELLOW YELLOW	WHITE RED	YELLOW RED			
					MILES	LIN.FT.		EACH						
1	FAI	S.R. 188	16.02	16.40	0.38	2,006	GAP/10	37			34	3		START LANCASTER E. CORP., TURN LANE @ 16.20
1	FAI	S.R. 188	16.40	16.49	0.09	475	11	12			12			PC 16.40 PT 16.49 L=475' DEG 6
1	FAI	S.R. 188	16.49	16.53	0.04	211	GAP	3			3			
LANCASTER CORP. - LOCATION 3														
1	FAI	S.R. 188	16.74	16.76	0.02	106	GAP	2			2			
1	FAI	S.R. 188	16.76	16.96	0.20	1,056	12	29			29			PC 16.85 PT 16.87 L=106' DEG 12
LANCASTER CORP. - LOCATION 3														
1	FAI	S.R. 188	17.30	17.36	0.06	317	GAP	4			4			
1	FAI	S.R. 188	17.36	17.40	0.04	211	11	5			5			PC 17.36 PT 17.40 L=211' DEG 9
1	FAI	S.R. 188	17.40	17.74	0.34	1,795	GAP	23			23			
1	FAI	S.R. 188	17.74	17.95	0.21	1,109	12	32			32			PC 17.83 PT 17.86 L=158' DEG 28
1	FAI	S.R. 188	17.95	18.22	0.27	1,426	GAP	18			18			
1	FAI	S.R. 188	18.22	18.30	0.08	422	11	11			11			PC 18.22 PT 18.30 L=422' DEG 9
1	FAI	S.R. 188	18.30	19.06	0.76	4,013	GAP	51			51			
LOCATION 1 (TOTAL CARRIED TO GENERAL SUMMARY)								227						
2	FAI	S.R. 188	19.06	19.35	0.29	1,531	GAP	20			20			
2	FAI	S.R. 188	19.35	19.54	0.19	1,003	12	29			29			PC 19.44 PT 19.47 L=158' DEG 16
2	FAI	S.R. 188	19.54	19.56	0.02	106	11	3			3			PC 19.54 PT 19.56 L=106' DEG 9
2	FAI	S.R. 188	19.56	20.12	0.56	2,957	GAP	37			37			
2	FAI	S.R. 188	20.12	20.32	0.20	1,056	12	29			29			PC 20.21 PT 20.23 L=103' DEG 21
2	FAI	S.R. 188	20.32	20.38	0.06	317	GAP	4			4			
2	FAI	S.R. 188	20.38	20.42	0.04	211	11	5			5			PC 20.38 PT 20.42 L=211' DEG 7
2	FAI	S.R. 188	20.42	20.59	0.17	898	12	26			26			PC 20.47 PT 20.50 L=158' DEG 13
2	FAI	S.R. 188	20.59	21.30	0.71	3,749	GAP	47			47			
2	FAI	S.R. 188	21.30	21.38	0.08	422	11	11			11			PC 21.30 PT 21.38 L=422' DEG 6
2	FAI	S.R. 188	21.38	21.61	0.23	1,214	GAP	16			16			
2	FAI	S.R. 188	21.61	21.63	0.02	106	11	3			3			PC 21.61 PT 21.63 L=106' DEG 9
2	FAI	S.R. 188	21.63	22.00	0.37	1,954	GAP	25			25			SUSPEND AT PLEASANTVILLE W. CORP.
2	FAI	S.R. 188	22.63	22.77	0.14	739	GAP	10			10			RESUME AT PLEASANTVILLE E. CORP.
2	FAI	S.R. 188	22.77	22.98	0.21	1,109	12	32			32			PC 22.86 PT 22.89 L=158' DEG 12
2	FAI	S.R. 188	22.98	24.54	1.56	8,237	GAP	103			103			
2	FAI	S.R. 188	24.54	24.75	0.21	1,109	12	32			32			PC 24.63 PT 24.66 L=158' DEG 11
2	FAI	S.R. 188	24.75	25.96	1.21	6,389	GAP	80			80			
2	FAI	S.R. 188	25.96	26.17	0.21	1,109	12	32			32			PC 26.05 PT 26.08 L=158' DEG 13
2	FAI	S.R. 188	26.17	26.53	0.36	1,901	GAP	24			24			END AT PERRY CO. LINE
LOCATION 2 (TOTAL CARRIED TO GENERAL SUMMARY)								568						
3	FAI	S.R. 188	16.53	16.74	0.21	1,109	GAP	14			14			LANCASTER CORP.
3	FAI	S.R. 188	16.96	17.13	0.17	898	GAP	12			12			
3	FAI	S.R. 188	17.13	17.30	0.17	898	12	27			27			PC 17.22 PT 17.24 L=106' DEG 12
LOCATION 3 (TOTAL CARRIED TO GENERAL SUMMARY)								53						

CALCULATED
LME
CHECKED
DNM

RAISED PAVEMENT MARKER DATA

FAI-188-16.02

LOCATION 1								ITEM	ITEM EXT.	LOCATION 1 TOTAL	UNIT	DESCRIPTION
Sht. 2	Sht. 3	Sht. 4	Sht. 5	Sht. 6	Sht. 7	Sht. 8	Sht. 9					
107				737				202	23500	844	SQ YD	WEARING COURSE REMOVED
	2							209	60500	2	MILE	LINEAR GRADING
		2,477	432	56				407	10000	2,965	GALLON	TACK COAT
			8					407	13901	8	GALLON	TACK COAT, 702.13, AS PER PLAN
2,300								408	10001	2,300	GALLON	PRIME COAT, AS PER PLAN
	24	689	122	16				424	12000	851	CU YD	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B
10		2.49						614	12460	10	EACH	WORK ZONE MARKING SIGN
								614	21400	2.49	MILE	WORK ZONE CENTER LINE, CLASS II
			120					617	10101	120	CU YD	COMPACTED AGGREGATE, AS PER PLAN
227							227	621	00100	227	EACH	RPM
								621	54000	227	EACH	RAISED PAVEMENT MARKER REMOVED
					4.98			642	00100	4.98	MILE	EDGE LINE, TYPE 1
					2.61			642	00300	2.61	MILE	CENTER LINE, TYPE 1
						248		644	00500	248	FT	STOP LINE
						2		644	01110	2	EACH	SCHOOL SYMBOL MARKING, 96"

LOCATION 1 SUB-SUMMARY

LOCATION 2								ITEM	ITEM EXT.	LOCATION 2 TOTAL	UNIT	DESCRIPTION
Sht. 2	Sht. 3	Sht. 4	Sht. 5	Sht. 6	Sht. 7	Sht. 8	Sht. 9					
240				1,468				202	23500	1,708	SQ YD	WEARING COURSE REMOVED
	5							209	60500	5	MILE	LINEAR GRADING
		7,050	1,210	112				407	10000	8,372	GALLON	TACK COAT
6,449								408	10001	6,449	GALLON	PRIME COAT, AS PER PLAN
	3	1,959	336	33				424	12000	2,331	CU YD	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B
51		7.47						614	12460	51	EACH	WORK ZONE MARKING SIGN
								614	21400	7.47	MILE	WORK ZONE CENTER LINE, CLASS II
			336					617	10101	336	CU YD	COMPACTED AGGREGATE, AS PER PLAN
							568	621	00100	568	EACH	RPM
568								621	54000	568	EACH	RAISED PAVEMENT MARKER REMOVED
					13.74			642	00100	13.74	MILE	EDGE LINE, TYPE 1
					7.47			642	00300	7.47	MILE	CENTER LINE, TYPE 1
						390		644	00500	390	FT	STOP LINE
						690		644	00600	690	FT	CROSSWALK LINE
						2		644	01000	2	EACH	RAILROAD SYMBOL MARKING
						2		644	01100	2	EACH	SCHOOL SYMBOL MARKING, 72"

LOCATION 2 SUB-SUMMARY

CALCULATED
LME
CHECKED
DNM

LOCATION 3								ITEM	ITEM EXT.	LOCATION 3 TOTAL	UNIT	DESCRIPTION
Sht. 2	Sht. 3	Sht. 4	Sht. 5	Sht. 7	Sht. 9							
		533	97					407	10000	630	GALLON	TACK COAT
517								408	10001	517	GALLON	PRIME COAT, AS PER PLAN
	2	148	27					424	12000	177	CU YD	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B
		0.55						614	21400	0.55	MILE	WORK ZONE CENTER LINE, CLASS II
			27					617	10101	27	CU YD	COMPACTED AGGREGATE, AS PER PLAN
53					53			621	00100	53	EACH	RPM
								621	54000	53	EACH	RAISED PAVEMENT MARKER REMOVED
				1.10				642	00100	1.10	MILE	EDGE LINE, TYPE 1
				0.55				642	00300	0.55	MILE	CENTER LINE, TYPE 1

LOCATION 3 SUB-SUMMARY

FAI-188-16.02

LOCATION 1	LOCATION 2	LOCATION 3	80% FEDERAL/ 20% STATE RURAL	80% FEDERAL/ 20% STATE URBAN	80% FEDERAL/ 20% LOCAL	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
Sht. 10	Sht. 11	Sht. 12									
844	1,708		1,708	844		202	23500	2,552	SQ YD	WEARING COURSE REMOVED	
2	5		5	2		209	60500	7	MILE	LINEAR GRADING	
2,965	8,372	630	8,372	2,965	630	407	10000	11,967	GALLON	TACK COAT	
8				8		407	13901	8	GALLON	TACK COAT, 702.13, AS PER PLAN	2
2,300	6,449	517	6,449	2,300	517	408	10001	9,266	GALLON	PRIME COAT, AS PER PLAN	2
849	2,335	177	2,331	851	177	424	12000	3,359	CU YD	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	
10	51		51	10		614	12460	61	EACH	WORK ZONE MARKING SIGN	
2.49	7.47	0.55	7.47	2.49	0.55	614	21400	10.51	MILE	WORK ZONE CENTER LINE, CLASS II	
160	448	36	336	120	27	617	10101	483	CU YD	COMPACTED AGGREGATE, AS PER PLAN	2
225	1,018	55	568	227	53	621	00100	848	EACH	RPM	
225	1,018	55	568	227	53	621	54000	848	EACH	RAISED PAVEMENT MARKER REMOVED	
4.98	13.74	1.10	13.74	4.98	1.10	642	00100	19.82	MILE	EDGE LINE, TYPE 1	
2.61	7.47	0.55	7.47	2.61	0.55	642	00300	10.63	MILE	CENTER LINE, TYPE 1	
248	390		390	248		644	00500	638	FT	STOP LINE	
	690		690			644	00600	690	FT	CROSSWALK LINE	
	2		2			644	01000	2	EACH	RAILROAD SYMBOL MARKING	
	2		2			644	01100	2	EACH	SCHOOL SYMBOL MARKING, 72"	
2				2		644	01110	2	EACH	SCHOOL SYMBOL MARKING, 96"	
						103	05000	LUMP		PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND	
						614	11000	LUMP		MAINTAINING TRAFFIC	
						623	10000	LUMP		CONSTRUCTION LAYOUT STAKES	
						624	10000	LUMP		MOBILIZATION	

CALCULATED
LME
CHECKED
DNM

GENERAL SUMMARY