

**UTILITIES**

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ADAMS RURAL ELECTRIC CO-OP, INC. P.O. BOX 247 WEST UNION, OH 45693 RODNEY LITTLE 937-544-2305	PIKE WATER, INC. P.O. BOX 191 WAVERLY, OH 45690 TIM WILLIAMS 740-947-2524
AMERICAN ELECTRIC POWER (DISTRIBUTION) 850 TECH CENTER DRIVE GAHANNA, OH 43230 PAUL PAXTON 740-348-5322	HORIZON NETWORK PARTNERS 1123 GOODALE BLVD. SUITE 550, COLUMBUS, OH 43212 hnoc@horizonconnects.com (a representative will be assigned)
AMERICAN ELECTRIC POWER (TRANSMISSION) 8600 SMITHS MILL RD NEW ALBANY, OH 43054 MIKE CARR 380-205-5072	FRONTIER COMMUNICATIONS 1315 ALBERT ST. PORTSMOUTH, OH 45662 DENA MARTIN 740-354-0521
CHARTER COMMUNICATIONS 32 ENTERPRISE DRIVE CHILLICOTHE, OH 45601 JASON JACOBS 740-648-3027	SOUTH CENTRAL POWER P.O. BOX 250 LANCASTER, OH 43130 ZACHERY REED 740-689-6150

THERE ARE NO EXISTING UNDERGROUND UTILITY FACILITIES SHOWN ON THIS PLAN, NOR WILL ANY EXISTING UNDERGROUND UTILITY FACILITIES BE RELOCATED FOR THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) FOR FIELD MARKINGS TO IDENTIFY POTENTIAL UTILITY CONFLICTS. 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.

**EXISTING PLANS**

EXISTING PLANS ENTITLED ADA-32-21.69/PIK-32-0.00 (1971), PIK-32-3.21 (1971), PIK-32-9.92 (2010) AND PIK-32-3.06 (2011) MAY BE INSPECTED IN THE ODOT DISTRICT 9 OFFICE IN CHILLICOTHE, OHIO.

**CLEARING AND GRUBBING**

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

**EXTRA AREAS**

QUANTITIES FOR THE FOLLOWING EXTRA AREAS ARE SHOWN ON THE PAVEMENT CALCULATION SHEET:

TURN LANES: FULL WIDTH OR AS DIRECTED BY THE ENGINEER  
MEDIAN CROSSOVERS: AS DIRECTED BY THE ENGINEER  
OTHER DESIGNATED AREAS: AS DIRECTED BY THE ENGINEER

**RPM**

IN ADDITION TO CMS 621.03, RPM'S SHALL NOT BE INSTALLED ON BRIDGES OR APPROACH SLABS OF STRUCTURES WITH A CONCRETE WEARING SURFACE. INSTALL RPM'S IN THE ASPHALT CONCRETE BEFORE AND AFTER THE SUPERSTRUCTURE.

**PROFILE AND ALIGNMENT**

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

**ITEM 897 - PATCHING PLANED SURFACE**

THE FOLLOWING ESTIMATED QUANTITY OF 20% OF THE PLANED SURFACE HAS BE CARRIED TO THE GENERAL SUMMARY FOR PATCHING PLANED SURFACE AS DESIGNATED BY THE ENGINEER.

ITEM 897, PATCHING PLANED SURFACE 61,224 SY

**INTERIM COMPLETION DATES FOR PAVEMENT PLANING**

TRAFFIC SHALL NOT BE REQUIRED TO USE ANY PLANED ROADWAY SURFACE FOR MORE THAN TWENTY-ONE (21) CALENDAR DAYS. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, DISINCENTIVES SHALL BE ASSESSED IN THE AMOUNT OF \$1000 FOR EACH CALENDAR DAY OR PORTION THEREOF BEYOND THE 21 CALENDAR DAYS.

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN**

ALL CONSTRUCTION REQUIREMENTS OF 2019 CMS 251 SHALL APPLY. THE MINIMUM DIMENSION FOR TRANSVERSE REPAIRS SHALL BE 4.0', THE MINIMUM DIMENSION FOR LONGITUDINAL REPAIRS SHALL BE 2.0'. THIS ITEM SHALL COMMENCE PRIOR TO RESURFACING.

MATERIAL FOR REPAIR AREAS SHALL BE ITEM 442 SURFACE COURSE, 12.5MM, TYPE A (448) PLACED IN TWO 1.5" LIFTS FOLLOWING THE APPLICATION OF ITEM 407 TACK COAT. REMOVE EXISTING SURFACE TO A UNIFORM DEPTH OF 3.0", TRIM AS NEEDED WHERE ROUNDED TO PROVIDE VERTICAL FACES ALONG THE PERIMETER OF THE REPAIR AREA. THOROUGHLY COMPACT ENTIRE AREA.

PAYMENT FOR ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED IN THE SQUARE YARD CONTRACT PRICE FOR ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DESIGNATED BY THE ENGINEER:

ITEM 251, PARTIAL DEPTH REPAIR (442),  
AS PER PLAN 500 SY

**ITEM 617 - COMPACTED AGGREGATE**

THE FOLLOWING ESTIMATED QUANTITY OF ITEM 617 - COMPACTED AGGREGATE HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE TO FILL ANY LOW BERM AREAS AS DESIGNATED BY THE ENGINEER.

ITEM 617 - COMPACTED AGGREGATE 400 CY

**AIR SPEED ZONE MARKING**

AIR SPEED ZONE MARKINGS SHALL BE WHITE AND 24 INCHES WIDE MEASURED IN THE DIRECTION OF TRAVEL AND 4 FEET IN LENGTH. ON TWO-LANE ROADWAYS WITH PAVED SHOULDERS LESS THAN 4 FEET IN WIDTH, THE AIR SPEED ZONE MARKINGS SHALL BE PLACED WITH 2 FEET ON EACH SIDE OF THE CENTER LINE OR EDGE LINE MARKINGS. WHEN PAVED SHOULDERS OF SUFFICIENT WIDTH ARE AVAILABLE, THE AIR SPEED ZONE MARKINGS SHALL BE PLACED ON THE SHOULDERS.

PLACE THE MARKINGS AT 0.25 MILE INTERVALS OVER A 1 MILE LENGTH OF ROADWAY.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE MARKINGS LAID OUT BY A REGISTERED SURVEYOR. A RECORD IS TO BE KEPT AND ONE ORIGINAL SIGNED AND SEALED DOCUMENT IS TO BE SENT TO THE DISTRICT TRAFFIC ENGINEER AND ONE COPY IS TO BE SENT TO THE DISTRICT CONSTRUCTION ENGINEER.

MATERIALS, EQUIPMENT AND APPLICATION SHALL BE ACCORDING TO THE TYPE OF PAVEMENT MARKING MATERIAL USED.

PAYMENT SHALL BE ACCORDING TO THE PAVEMENT MARKING MATERIAL USED AND SHALL INCLUDE THE SURVEYING WORK. THE FIVE MARKINGS PLACED IN EACH 1 MILE OF ROADWAY SHALL EQUAL ONE ZONE. ONE ZONE SHALL BE MEASURED AS 1 EACH FOR AIR SPEED ZONE MARKING.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 644 SPEED MEASUREMENT MARKING 2 EACH

**DISPOSAL OF ASPHALT GRINDINGS**

A PORTION OF THE ASPHALT GRINDINGS FROM THIS PROJECT ARE TO BE DELIVERED TO THE ODOT PIKE COUNTY GARAGE, 1591 WAKEFIELD MOUND RD, PIKETON, OHIO, 45661. CONTACT BRAD MONTGOMERY, COUNTY MANAGER AT 740-289-2650.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE PER CUBIC YARD FOR ITEM 202, REMOVAL MISC.: ASPHALT GRINDINGS DELIVERY.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 202, REMOVAL MISC.:  
ASPHALT GRINDINGS DELIVERY 250 CY

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GENERAL NOTES

PIK - 32 - 3.06

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16

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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	5	6	9	10	11	12	16		01/NHS/PV	02/NHS/BR	03/SAE/OT						
<b>ROADWAY</b>																		
										LS			201	11000	LS			
										250			202	98500	250	CY	CLEARING AND GRUBBING REMOVAL MISC.: ASPHALT GRINDINGS DELIVERY	
<b>EROSION CONTROL</b>																		
										1,000			832	30000	1,000	EACH	EROSION CONTROL	
<b>PAVEMENT</b>																		
										500			251	01021	500	SY	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN	
										26,021			407	10000	26,021	GAL	TACK COAT	
										8,504			424	12000	8,504	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	
										400			617	10100	400	CY	COMPACTED AGGREGATE	
										27.16			618	40600	27.16	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
										2			644	40000	2	EACH	SPEED MEASUREMENT MARKING	
										34.56			850	10010	34.56	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
													850	10110	3,475	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
													850	10130	1,175	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)	
										306,126			897	01010	306,126	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 0.75"	
										61,224			897	02000	61,224	SY	PATCHING PLANED SURFACE	
<b>TRAFFIC CONTROL</b>																		
													947	00100	947	EACH	RPM	
													947	54000	947	EACH	RAISED PAVEMENT MARKER REMOVED	
													157	00700	157	FT	TRANSVERSE/DIAGONAL LINE	
													40	00900	40	SF	ISLAND MARKING	
													1,634	01200	1,634	FT	PARKING LOT STALL MARKING	
													15	01300	15	EACH	LANE ARROW	
													2	01600	2	EACH	HANDICAP SYMBOL MARKING	
										23.04			807	14010	23.04	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6"	
										11.52			807	14110	11.52	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6"	
													1,175	14310	1,175	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12"	
													3,475	14410	3,475	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6"	
<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0660 L SFN: 6603629)</b>																		
													56	10000	56	GAL	TACK COAT	
													80	30000	80	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
													19	12000	19	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	
													654	01010	654	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1"	
<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0660 R SFN: 6603637)</b>																		
													56	10000	56	GAL	TACK COAT	
													80	30000	80	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
													19	12000	19	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	
													654	01010	654	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1"	
<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0785 L SFN: 6603653)</b>																		
													30	10000	30	GAL	TACK COAT	
													80	30000	80	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
													10	12000	10	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	
													343	01010	343	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1"	
<b>STRUCTURE OVER 20 FOOT SPAN (PIK-32-0785 R SFN: 6603661)</b>																		
													30	10000	30	GAL	TACK COAT	
													80	30000	80	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
													10	12000	10	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B	
													343	01010	343	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1"	

GENERAL SUMMARY

PIK - 32 - 3.06