WOO-23-6.02

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

ROUNDING

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

BUCKEYE CABLEVISION 2700 OREGON RD. NORTHWOOD, OH 43519 419-724-3713

2901 E. MANHATTAN BLVD. TOLEDO, OH 43611 419-539-6066

COLUMBIA GAS OF OHIO, INC.

CENTURYLINK 175 ASHLAND RD. MANSFIELD, OH 44902 419-755-7183 FRONTIER COMMUNICATIONS 300 WEST GYPSY LANE RD. BOWLING GREEN, OH 43402 419-354-9452

HANCOCK-WOOD ELECTRIC COOP. P.O. BOX 190 NORTH BALITMORE, OH 45872 419-257-5015 NORTH COAST GAS TRANSMISSION 445 HUTCHINSON AVE. #830 COLUMBUS, OH 43215 281-770-3143

NORTHWESTERN WATER & SEWER P.O. BOX 348 BOWLING GREEN, OH 43402 419-354-9090 TOLEDO EDISON 6099 ANGOLA RD. HOLLAND, OH 43528 419-249-5218

VILLAGE OF BRADNER 130 NORTH MAIN ST. P.O. BOX 599 BRADNER, OH 43406 419-288-2890

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

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.

ASPHALT CONCRETE FOR DRIVEWAYS AND MAILBOX APPROACHES

THE FOLLOWING ESTIMATED QUANTITY FOR ASPHALT CONCRETE IS TO BE USED FOR ADJUSTING DRIVEWAYS & ANY MAILBOX APPROACHES AS DIRECTED BY THE ENGINEER:

ITEM 442 - ASPH. CONC. SURFACE, 12.5MM, TYPE A (446)

200 CU. YARD

TOTALS CARRIED TO GENERAL SUMMARY

THE PROJECT WILL NOT BE CONSIDERED COMPLETE UNTIL ALL DRIVEWAYS HAVE BEEN TREATED AS DIRECTED BY THE ENGINEER.

ELEVATION DATUM

ALL ELEVATIONS ARE ORTHOMETRIC HEIGHTS USING THE NORTH AMERICAN VERTICAL DATUM OF 1998 (NAVD88) AND GEOID03 GEOID (GPS DERIVED). HORIZONTAL POSITIONS ARE BASED ON THE OHIO STATE PLANE NORTH ZONE, A LAMBERT CONFORMAL CONIC MAP PROJECTION, THE NORTH AMERICAN DATUM OF 1983 ADJUSTED TO THE NATIONAL SPATIAL REFERENCE SYSTEM OF 2011 (NAD 83(NSRS 2011)), AND THE GRS80 ELLIPSOID.

EXISTING MONUMENT BOXES

DURING CONSTRUCTION, IF THE CONTRACTOR REMOVES OR DISTURBS ANY MONUMENT BOX ASSEMBLIES, THE CONTRACTOR SHALL HAVE A REGISTERED SURVEYOR CERTIFY THAT THE MONUMENTS HAVE BEEN RESET AT THE ORIGINAL LOCATION AS PER OHIO ADMINISTRATIVE CODE, CHAPTER 4733-37, STANDARDS FOR BOUNDARY SURVEYS. THE CONTRACTOR SHALL FORWARD A COPY OF SAID CERTIFICATION TO THE PROJECT ENGINEER, AND THE DISTRICT SURVEY OPOERATIONS MANAGER FOR REVIEW. THE CERTIFICATION SHALL BE SIMILAR TO THE FOLLOWING:

I, JOHN D. DOE, P.S. HEREBY CERTIFY THAT THE CENTERLINE MONUMENTATION HAS BEEN RESET AT THE PRECONSTRUCTION LOCATRIONS DURING PROJECT CTY-RT-SEC, PID 000000. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS "A MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS OTHERWISE NOTED. THE WORDS 1 AND MY, AS USED HEREIN, ARE TO MEAN MYSELF OR SOMEONE UNDER MY DIRECT SUPERVISION.

ALL SURVEY MONUMENTS SET AND/OR RESET BY THE CONTRACTOR'S SURVEYOR SHALL BE CONSTRUCTED ACCORDING TO SCD RM-1.1.

ALL COSTS ASSOCIATED WITH THE RE-SETTING OF THE MONUMENT BOXES SHALL BE AT THE CONTRACTORS' EXPENSE.

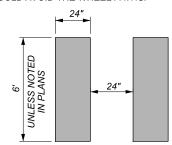
ITEMS ADJUSTED TO GRADE

THE FOLLOWING ITEMS HAVE BEEN CARRIED IN THE PLANS AS CONTINGENCY QUANTITIES AND SHOULD BE USED AS DIRECTED BY THE ENGINEER.

ITEM 623, MONUMENT BOX ADJUSTED TO GRADE 1 EACH

ITEM 642, CROSSWALK LINE, AS PER PLAN

24" WHITE LONGITUDINAL LINES SHALL BE PLACED PARALLEL TO TRAFFIC FLOW AS SHOWN IN FOLLOWING DETAIL. THE MARKING DESIGN SHOULD AVOID THE WHEEL PATHS.



PAVEMENT SHALL BE PLANED BEFORE PAVEMENT REPAIRS ARE PERFORMED.

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR 6" PAVEMENT REPAIR ON U.S. 23 AS DIRECTED BY THE ENGINEER BASED ON 15% OF THE PAVEMENT AREA.

2556 CU. YARDS

ITEM 253, PAVEMENT REPAIR

ESTIMATED QUANTITIES CARRIED TO THE GENERAL SUMMARY.

VARIES

NOTE: THE ENGINEER SHALL FIELD VERIFY ALL LOCATIONS
PRIOR TO THE BEGINNING OF WORK. ANY ADJUSTMENTS
NECESSARY SHALL BE AS DIRECTED BY THE ENGINEER.

SECTIONS)

SAW CUT

PAVEMENT

(PLANED JOINT IS

ACCEPTABLE IN NON-CONCRETE

SAFETY EDGE

ITEM 442 - ASPH. CONC. SURFACE, 12.5MM, TYPE A (446) ITEM 442 - ASPH. CONC. INTERMEDIATE CONC., 19MM, TYPE A (446)

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR CONSTRUCTION OF THE SAFETY EDGE:

WOOD - U.S. 23 (6.02-11.84)

ITEM 442 - ASPH. CONC. SURFACE, 12.5MM, 26 CU. YD.
TYPE A (446)

ITEM 442 - ASPH. CONC. INTERMEDIATE

62 CU. YD.

EDGE OF PAVEMENT

EDGE OF

ITEM 209, PREPARING SUBGRADE FOR SHOULDER PAVING

CONC., 19MM, TYPE A (446)

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR ITEM 209, PREPARING SUBGRADE FOR CONSTRUCTION OF THE SAFETY EDGE:

WOOD - U.S. 23 (6.02-11.84)

11.64 MILES

-1.34 MILES (GUARDRAIL, DRIVE & CURB AREAS)

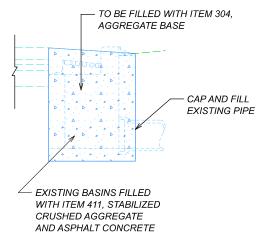
A QUANTITY OF 10.30 MILES HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR PREPARING SUBGRADE FOR SHOULDERS.

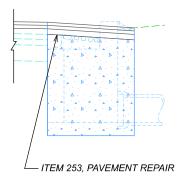
ITEM 611, CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN

ALL WORK TO BE DONE UNDER THIS ITEM, TOGETHER WITH ALL THE MATERIALS FURNISHED, SHALL CONFORM TO ODOT ITEM 611. THE CATCH BASIN GRATE WILL BE REPLACED WITH A BICYCLE SAFE GRATE. THE COST OF ALL MATERIAL AND LABOR SHALL BE INCLUDED AS PART OF THE UNIT PRICE BID FOR ITEM 611, CATCH BASIN AJUSTED TO GRADE, AS PER PLAN.

ITEM 611, CATCH BASIN REMOVED, AS PER PLAN

REMOVE PORTIONS OF CATCH BASINS TO AN ELEVATION BELOW THE EXISTING SUBGRADE AND UNTIL SOLID CONCRETE/MASONRY WALLS ARE ENCOUNTERED. PLUG ALL OUTLETS. REMOVE ALL FOREIGN DEBRIS FROM BASIN. IN CONJUNCTION WITH THE CONDUIT, FILL AND PLUG ITEM, FILL THE REMAINING BASIN WITH LSM. BACKFILL ABOVE THE LSM WITH ITEM 304, AGGREGATE BASE COMPACTED IN 6" LIFTS TO SUBBASE LEVEL. REPLACEMENT OF ASPHALT PAVEMENT IN AREA OF BASIN REMOVAL WILL BE COVERED UNDER APPROPRIATE PAY ITEMS FOR PAVEMENT REPAIRS.





ITEM 202, CURB AND GUTTER REMOVED, AS PER PLAN

ITEM 202, CURB AND GUTTER REMOVED, AS PER PLAN SHALL INCLUDE THE REMOVAL OF THE CURB & GUTTER AND REPLACING THE VOID WITH ASPHALT UP TO THE EXISTING ELEVATION. THE ASPHALT WILL BE PAID FOR UNDER ITEM 253, PAVEMENT REPAIR.

DESIGN AGENO



TLM
REVIEWER
JMF 11-02-20
ROJECT ID
102922

102922 SHEET TOTAL P.5 20

		HEET NUM.							PART.		ITEM	GRAND	UNIT	DESCRIPTION				
				5	6	9	10	11	12	01/NHS/PV	02/NHS/OT	ITEM	EXT	TOTAL	OINTI	DESCRIPTION	SHEET NO.	
							444			444		000	20000	444	05	ROADWAY		
							444	40		444		202	30000 32501	444 40	SF FT	WALK REMOVED CURB AND GUTTER REMOVED, AS PER PLAN	5	ł
	+							45		45		202	35100	45		PIPE REMOVED, 24" AND UNDER	3	1
	+ + + -							150		150		202	38000	150	FT	GUARDRAIL REMOVED		1
								1		1		202	58700	1		MANHOLE ABANDONED		1
]
								4		4		202	58101	4	EACH	CATCH BASIN REMOVED, AS PER PLAN	5]
								478		478		SPECIAL	20270000	478	FT	FILL AND PLUG EXISTING CONDUIT, 12"		
				100		12				12		209	60500	12	MILE	LINEAR GRADING		-
	+			10.3				163		10.3 163		209 606	72050 15050	10.3 163	MILE FT	PREPARING SUBGRADE FOR SHOULDER PAVING GUARDRAIL, TYPE MGS		ł
-	+							103		103		000	13030	103	Г	GOANDRAIL, TIFE MOS		1
	+ + + -							2		2		606	26550	2	EACH	ANCHOR ASSEMBLY, MGS TYPE T		1
							280			280		608	10000	280	SF	4" CONCRETE WALK		1
							51			51		608	52000	51	SF	CURB RAMP]
							485			485		608	52001	485	SF	CURB RAMP, AS PER PLAN	9	
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						103,700				103,700		254	01000	103,700	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3 ¼"		
						14,520				14,520		407	20000	14,520	GAL	NON-TRACKING TACK COAT		
				226		4,322				4,548		442	10000	4,548	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)		ł
	+			62		5,042				5,104		442	10100	5,104	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		ł
3	+ + + -						16			16		609	26000	16	FT	CURB, TYPE 6		1
<u> </u>						1,848	- 10			1,848		617	10100	1,848		COMPACTED AGGREGATE		1
MIUZ						11				11		618	41000	11	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)		1
المواد						6					6	618	43000	6	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)		
Ó						30,684				30,684		874	20000	30,684	FT	LONGITUDINAL JOINT PREPARATION		1
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