

WIL-6/49/191-0.00/0.00/0.00

MODEL: Sheet_SurvF1_PAPER SIZE: 17x11 (in.) DATE: 3/24/2025 TIME: 6:18:38 AM USER: jferford
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UTILITIES

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

WILLIAMS COUNTY ENGINEERS
12953 COUNTY RD G
BRYAN, OH 43506
419-636-2454

OHIO GAS CO.-BRYAN
P.O. BOX 528
BRYAN, OH 43506
800-331-7396

FRONTIER COM
3126 N. McCORD RD
TOLEDO, OH 43617
419-210-8231

TOLEDO EDISON
P.O. BOX 507
DEFIANCE, OH 43512
419-782-2015

ANR PIPELINE
6357 SR 66 NORTH
DEFIANCE, OH 43512
419-783-3135

VILLAGE OF EDGERTON
P.O. BOX 609
EDGERTON, OH 43517
419-298-2912

KINDER MORGAN COCHIN PIPELINE
7559 SECOR RD
LAMBERTVILLE, MI 48144
734-856-2161

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

PAVEMENT MARKINGS

THE CONTRACTOR SHALL MAKE NOTE OF ALL EXISTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS BEFORE PERFORMING ANY WORK. ESTIMATED QUANTITIES HAVE BEEN INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER.

PLANED SURFACES

NO PLANED SURFACES SHALL BE OPEN TO THE PUBLIC FOR MORE THAN 7 DAYS. IF THE PLANED SURFACE IS OPEN FOR MORE THAN 7 DAYS, THEN IT IS THE CONTRACTOR'S RESPONSIBILITY, AT THEIR COST, TO REPAIR THE PAVEMENT FAILURES THAT OCCURRED AFTER THE 7 DAYS.

ITEMS ADJUSTED TO GRADE

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

- US-6
- ITEM 611, CATCH BASIN TO BE ADJUSTED TO GRADE: 3 EA
- ITEM 611, MANHOLE TO BE ADJUSTED TO GRADE: 2 EA
- SR-49
- ITEM 611, CATCH BASIN TO BE ADJUSTED TO GRADE: 5 EA
- ITEM 611, MANHOLE TO BE ADJUSTED TO GRADE: 8 EA
- ITEM 638, VALVE BOX ADJUSTED TO GRADE: 3 EA

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 7 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION. USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING.

PARAMETERS FOR ALL SURVEYING ON THIS PROJECT:

PROJECT CONTROL

POSITIONING METHOD: ODOT REAL TIME NETWORK (2011), STATIC GNSS AND DIFFERENTIAL LEVELING, OR NONE, ETC

MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88 (ODOT VRS DERIVED)
GEOID: 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD 83 (2011 ADJ, 2010.0)
ELLIPSOID: GRS80
WILLIAMS OCCS PROJECTION PARAMETERS:
PROJECTION: LCC 1 PARALLEL
CENTRAL LATITUDE: N 41°30'00"
CENTRAL LONGITUDE: W 84°33'00"
FALSE NORTHING: 100,000 METERS
FALSE EASTING: 50,000 METERS
PROJECTION SCALE FACTOR: 1.000035

UNITS ARE IN U.S. SURVEY FEET. USE THE FOLLOWING CONVERSION FACTOR: 1 METER=3.280833333 US SURVEY FEET.

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

ASPHALT CONCRETE FOR DRIVEWAYS

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR THE ADJUSTING DRIVEWAYS AS DIRECTED BY THE ENGINEER:

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG 64-22 125 CU YD

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

CONTINGENCY QUANTITIES

THE FOLLOWING ITEMS HAVE BEEN INCLUDED AS A CONTINGENCY QUANTITY TO BE APPROVED BY THE PROJECT ENGINEER AND CARRIED TO THE GENERAL SUMMARY FOR THE CONSTRUCTION OF THE PROPOSED CURB RAMPS.

- ITEM 203 - EXCAVATION 2 CY
- ITEM 203 - EMBANKMENT 2 CY
- ITEM 304 - AGGREGATE BASE 2 CY
- ITEM 659 - SEEDING AND MULCHING 10 SY
- ITEM 659 - TOPSOIL 1.5 CY
- ITEM 659 - WATER 0.03 MGAL
- ITEM 659 - COMMERCIAL FERTILIZER 0.01 TON

MONUMENT BOX ADJUST TO GRADE

IF THE CONTRACTOR REMOVES OR DISTURBS ANY MONUMENT BOX ASSEMBLIES DURING CONSTRUCTION, THEN THEY WILL NEED TO HAVE A REGISTERED SURVEYOR CERTIFY THAT THE MONUMENTS HAVE BEEN RESET AT THE PRE-DISTURBED LOCATION AND PER THE OHIO ADMINISTRATIVE CODE CHAPTER 4733-37, "STANDARDS FOR BOUNDARY SURVEYS". THE CONTRACTOR IS TO FORWARD A COPY OF SAID CERTIFICATION TO THE PROJECT ENGINEER, AND THE DISTRICT SURVEY OPERATIONS MANAGER FOR REVIEW. (SEE EXAMPLE)

I, JOHN D. DOE, P.S. HEREBY CERTIFY THAT THE CENTERLINE MONUMENTATION HAS BEEN RESET AT THE PRECONSTRUCTION LOCATIONS DURING PROJECT CTY-RT-SEC, PID 00000. 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 I AND MY AS USED HEREIN ARE TO MEAN MYSELF OR SOMEONE UNDER MY DIRECT SUPERVISION.

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

ITEM 253, PAVEMENT REPAIR:

THE FOLLOWING ESTIMATED QUANTITY ARE TO BE USED FOR 6" or 8" PAVEMENT REPAIR AS DIRECTED BY THE ENGINEER AND BASED ON VARYING WIDTHS ON BOTH SIDES OF THE ROAD.

5% OF TOTAL AREA AT 8" = (21,547 SQ FT * 0.67 FT)/27 SR 49 = 535 CU YD

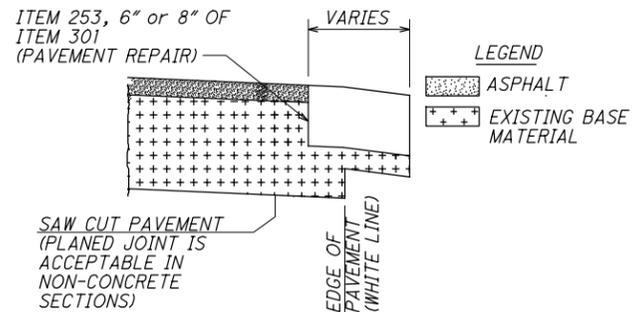
8% OF TOTAL AREA AT 6" = (25,700 SQ FT * 0.5 FT)/27 SR 191 = 476 CU YD

10% OF TOTAL AREA AT 6" = (46,559 SQ FT * 0.5 FT)/27 US 6 = 862 CU YD

TOTAL - 1873 CU YD

THE REPAIR QUANTITY MAY BE USED FOR THE ASPHALT OVER THE CONCRETE JOINTS

DETAIL FOR CALCULATION PURPOSES ONLY. PLACEMENT IS AT THE CONSTRUCTION ENGINEERS DESCRETION. QUANTITY CARRIED TO THE GENERAL SUMMARY.



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

CURB RAMP INSTALLATION

THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF EDGERTON IF ANY OBJECTS (TRASH CANS, PLANTERS, ETC..) NEED TO BE REMOVED FOR THE INSTALLATION OF CURB RAMPS.

ADA WAIVER

AN APPROVED ADA DESIGN WAIVER IS REQUIRED ON THIS PROJECT. THE FOLLOWING FEATURES LISTED BELOW CANNOT FEASIBLY BE CONSTRUCTED TO MEET ADA GUIDELINES.

ADA DESIGN WAIVER

ADA FEATURE	APPROVAL DATE
RMP0020891	11/06/2024
RMP0020788	11/06/2024
RMP0020790	11/06/2024
RMP0020807	11/06/2024
RMP0020806	11/06/2024
RMP0027162	11/06/2024

ASPHALT CONCRETE SAFETY EDGE

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR THE CONSTRUCTION OF THE SAFETY EDGE. SEE SCD BP-3.2.

SR-191 - ITEM 424, 3.5" FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN

$\frac{12947 \text{ FT} * 0.122}{27} \times 2 = 116.5 \text{ CU YD}$

U.S.-6 - ITEM 442, 3.25" ASPHALT CONCRETE SURFACE COURSE, 9.5MM TYPE A, (446), AS PER PLAN

$\frac{15723 \text{ FT} * 0.113}{27} \times 2 = 131.5 \text{ CU YD}$

SAFETY EDGE QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 209 - PREPARING SUBGRADE FOR SHOULDER PAVING

PREPARE THE SHOULDER FOR PAVING A CONSISTENT SAFETY EDGE IN BOTH THICKNESS AND WIDTH.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

WIL-191-(0.00-2.45) 4.8 MILE

WIL-6-(0.00-3.03) 6.0 MILE

TOTAL: 10.8 MILE

ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN

PER CMS 424.08, 448 DENSITY DENSITY APPLIES TO THIS PROJECT. DENSITY WILL BE TESTED ACCORDING TO SUPPLEMENT 1055 PER CMS 448.02. THE DENSITY DISINCENTIVE PORTION OF TABLE 448.04-3 WILL BE WAIVED. PROVIDING THAT THE CONTRACTOR MAKES EVERY EFFORT TO OBTAIN DENSITY AND DOES NOT USE VIBRATORY ROLLERS.

ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, AS PER PLAN (446), AS PER PLAN

ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 9.5MM, TYPE A (446), AS PER PLAN SHALL FOLLOW THE SPECIFICATIONS FOR THE 442 ITEM EXCEPT FOR SECTION 442.04 ASPHALT BINDER. THE BINDER SHALL BE PG76-22M FOR THE SURFACE COURSE AND A MAXIMUM OF 15% OF RAP BY DRY WEIGHT OF MIX CAN BE USED.

GENERAL NOTES

DESIGN AGENCY



DESIGNER

JLE

REVIEWER

XXX MM-DD-YY

PROJECT ID

95790

SHEET TOTAL

6 63

WIL-6/49/191-0.00/0.00/0.00

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SHEET NUM.											PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
6	8	9	12	13	14	15	60	62			01/NHS/05	02/STR/05						
ROADWAY																		
		200										200	202	23000	200	SY	PAVEMENT REMOVED, 6"	
					156							156	202	23000	156	SY	PAVEMENT REMOVED	
					2,659							2,659	202	30000	2,659	SF	WALK REMOVED	
					110							110	202	32000	110	FT	CURB REMOVED	
2					187							187	202	32500	187	FT	CURB AND GUTTER REMOVED	
												2	203	10000	2	CY	EXCAVATION	
2												2	203	20000	2	CY	EMBANKMENT	
10.8											6	9	209	60500	15	MILE	LINEAR GRADING	
											6	4.8	209	72050	10.8	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING	
					4,000							4,000	608	52000	4,000	SF	CURB RAMP	
					74							74	608	53020	74	SF	DETECTABLE WARNING	
EROSION CONTROL																		
10												10	659	10000	10	SY	SEEDING AND MULCHING	
1.5												1.5	659	00300	1.5	CY	TOPSOIL	
0.01												0.01	659	20000	0.01	TON	COMMERCIAL FERTILIZER	
0.03												0.03	659	35000	0.03	MGAL	WATER	
											700	1,800	832	30000	2,500	EACH	EROSION CONTROL	
DRAINAGE																		
					144							144	611	00200	144	FT	4" CONDUIT, TYPE C	
8											3	5	611	98630	8	EACH	CATCH BASIN ADJUSTED TO GRADE	
10											2	8	611	99654	10	EACH	MANHOLE ADJUSTED TO GRADE	
PAVEMENT																		
1,873											862	1,011	253	02000	1,873	CY	PAVEMENT REPAIR	
		400		213							400	213	254	01000	613	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"	
			51,732	827							52,559		254	01000	52,559	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25"	
			35,695									35,695	254	01000	35,695	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3.50"	
			47,882	1,989								49,871	254	01000	49,871	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.75"	
		35										35	301	56000	35	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
2					37							39	304	20000	39	CY	AGGREGATE BASE	
		500	16,310	258							7,313	9,755	407	10000	17,068	GAL	TACK COAT	
			992									992	424	14001	992	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN, 1"	6
116.5												116.5	424	14001	116.5	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN, 3.5"	6
			2,479									2,479	441	10200	2,479	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), 2.5"	
125		25									60	90	441	70000	150	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
			2,328	97								2,425	442	00200	2,425	CY	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), 1.75"	
			2,156	35								2,191	442	00201	2,191	CY	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN, 1.5"	6
131.5											131.5		442	00201	131.5	CY	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN, 3.25"	6
			2,515	41							2,556		442	10080	2,556	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), 1.75"	
				9								9	442	22000	9	CY	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (449), 1.5"	
					285							285	609	12000	285	FT	COMBINATION CURB AND GUTTER, TYPE 2	
					110							110	609	26000	110	FT	CURB, TYPE 6	
			1,390								631	759	617	10100	1,390	CY	COMPACTED AGGREGATE	
						12,068					9,506	2,562	618	40900	12,068	FT	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
			12,068								9,506	2,562	874	20000	12,068	FT	LONGITUDINAL JOINT PREPARATION	
			7,273								1,555	5,718	875	10000	7,273	LB	LONGITUDINAL JOINT ADHESIVE	
WATER WORK																		
3												3	638	10800	3	EACH	VALVE BOX ADJUSTED TO GRADE	
TRAFFIC CONTROL																		
						349					139	210	621	00100	349	EACH	RPM	
						349					139	210	621	54000	349	EACH	RAISED PAVEMENT MARKER REMOVED	
						15.9					5.96	9.94	642	00104	15.9	MILE	EDGE LINE, 6", TYPE 1, WHITE	
						5.57					2.91	2.66	642	00300	5.57	MILE	CENTER LINE, TYPE 1, DASHED	
						2.01					0.06	1.95	642	00300	2.01	MILE	CENTER LINE, TYPE 1, DASHED SOLID	
						0.43					0.43		642	00300	0.43	MILE	CENTER LINE, TYPE 1, DOUBLE SOLID	
						375					375		642	00404	375	FT	CHANNELIZING LINE, 12", TYPE 1	
						250					250		642	01510	250	FT	DOTTED LINE, 6", TYPE 1	
						150					150		644	00500	150	FT	STOP LINE	
						1,428					1,428		644	00630	1,428	FT	CROSSWALK LINE, 24"	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

JLE

REVIEWER

XXX MM-DD-YY

PROJECT ID

95790

SHEET

10

TOTAL

63