

OHIO DEPARTMENT OF TRANSPORTATION

LOCATION MAP

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CONVERSION OF METRIC STANDARD DRAWINGS

THE METRIC STANDARD DRAWINGS REFERENCED IN THIS PLAN SHALL BE CONVERTED TO ENGLISH UNITS USING THE SI (METRIC) TO ENGLISH CONVERSION FACTORS PROVIDED IN SECTION 109.011 OF THE CMS. THE APPENDIX OF ASTM E 380 SHALL BE UTILIZED FOR ANY ADDITIONAL CONVERSION FACTORS REQUIRED. CONVERSIONS SHALL BE APPROXIMATELY PRECISE AND SHALL REFLECT STANDARD INDUSTRY ENGLISH VALUES WHERE SUITABLE.

PART	COUNTY	ROUTE	SECTIONS	PROJECT TERMINI straight line mileage		NET LENGTH miles	VILLAGE
				BEGIN	END		
A	ASHLAND	SR 603	(0.00 - 7.95)	0.00	11.79	11.79	MIFFLIN
B	RICHLAND	SR 603	(0.00 - 7.92)	0.00	9.30	9.30	

PROJECT DESCRIPTION: This project will include pavement repair, sealing the pavement surface, paving with an intermediate course and a surface course of asphalt concrete, guardrail construction, bridge rehabilitation, culvert replacement, and pavement markings as detailed in the plan.

1997 SPECIFICATIONS

THE STANDARD 1997 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 REQUIRE THE CLOSING OF THE HIGHWAY, WITH DETOURS BEING PROVIDED, AND PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS INDICATED IN THE PLAN AND PROPOSAL.

3-15-02
APPROVED DATE

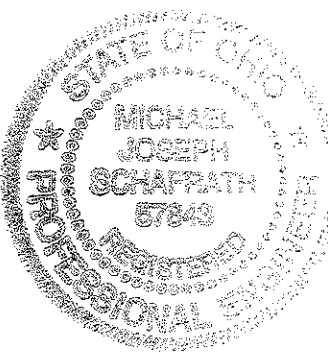
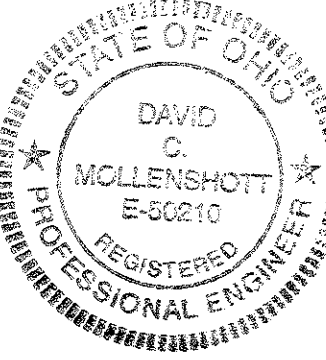
Thomas M. O'Leary
DISTRICT DEPUTY DIRECTOR OF TRANSPORTATION

3-28-02
APPROVED DATE

Gordon Prater
DIRECTOR, DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISIONS

SUPPLEMENTAL
SPECIFICATIONS

ROADWAY ENGINEER'S SEAL		STRUCTURAL ENGINEER'S SEAL		STANDARD DRAWINGS		STANDARD DRAWINGS		STANDARD DRAWINGS		STANDARD DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	
				BP-1.1	7-28-00	RM-1.1	04-29-99	TC-41.20	01-19-01	MT-96.25M	04-20-01	814	6-2-98
				BP-3.1	7-28-00			TC-42.20	04-20-01	MT-97.10M	4-25-94	842	1-6-99
				BP-4.1	7-28-00	CB-4.2	07-20-01	TC-52.10	04-20-01	MT-97.11M	01-30-95	848	6-30-98
				GR-1.1M	10-21-97	HW-2.1	07-20-01	TC-52.20	04-20-01	MT-99.10M	1-30-95	864	7-11-00
				GR-1.2M	1-3-96	HW-2.2	07-20-01	TC-65.10	10-19-01	MT-99.20M	1-30-95	870	3-27-01
				GR-1.3M	11-30-94	MH-1.1	07-20-01	TC-65.12	10-19-01	MT-101.20M	3-01-96	877	4-13-99
				GR-2.1M	4-14-98	MH-1.2	07-20-01	TC-71.10M	9-1-93	MT-101.60M	4-25-94	899	10-21-98
				GR-2.2M	10-21-97	DM-1.1	07-20-01	TC-73.10	01-19-01	MT-105.10M	4-25-94	901	6-14-95
				GR-2.4M	10-21-97	DM-3.1	07-20-01	MT-96.10M	1-30-95	MT-105.11M	4-25-94	905	4-1-98
				GR-3.1M	10-21-97	DM-4.2	07-20-01	MT-96.11M	1-30-95	DS-1-92	12-15-94	906	5-5-98
				GR-3.4M	10-21-97	DM-4.3	07-20-01	MT-96.20M	1-30-95	PCB-91	7-6-99	907	10-21-98
				GR-4.1M	11-30-94	DM-4.4	07-20-01			TST-1-99	10-20-00	908	11-7-00
				GR-4.2M	10-21-97	LA-1.1	07-28-00					932	10-2-96
												954	9-9-97

SIGNED: *Michael J. Schaffrath*
DATE: 3/15/02

SIGNED: *David C. Mollenshott*
DATE: 3/15/02



TWO WORKING DAYS
BEFORE YOU DIG
Call- 800-362-2764
TOLL FREE

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECTLY



BRIDGE DECK DATA								ROADWAY DATA		
PART	COUNTY, ROUTE, BRIDGE NO.	STRUCTURE TYPE	LENGTH (BRIDGE DECK)	WIDTH	BRIDGE DECK AREA	SKEW	EXISTING WEARING SURFACE	EXISTING PAVEMENT WIDTH	EXISTING APPROACH SLAB WIDTH	EXISTING APPROACH SLAB LENGTH
			LN.FT.	LN.FT.	SO.YD.			LN.FT.	LN.FT.	LN.FT.
A	+ ASD-603-0094	SINGLE-SPAN CONCRETE SLAB	30.9	40.0	138	30° R.F.	CONCRETE	39	24	15
A	++ ASD-603-0217	3-SPAN CONCRETE SLAB	61.1	32.0	218	11° R.F.	CONCRETE	26	32	20
A	+ ASD-603-0429	3-SPAN CONCRETE SLAB	60.0	36.0	240	0°	CONCRETE	35	20	15
A	+++ ASD-603-0614	SINGLE-SPAN STEEL BEAM	20.0	31.6	71	0°	ASPHALT	23		
A	# ASD-603-0643	1-71 OVERPASS								
A	# ASD-603-0651	1-71 OVERPASS								
A	* ASD-603-0676	SINGLE-SPAN CONCRETE CULVERT	15.0			15° R.F.	ASPHALT	22		
A	** ASD-603-0774	3-SPAN CONCRETE SLAB	105.6	38.0	446	20° R.F.	CONCRETE	36	22	25
B	+ RIC-603-0378	3-SPAN STEEL BEAM	158.0	36.0	633	25° R.F.	CONCRETE	23.5	20	25
B	+ RIC-603-0394	3-SPAN STEEL BEAM	151.7	30.5	514	9°42' R.F.	CONCRETE	23.5	20	25
B	+ RIC-603-0539	3-SPAN CONCRETE SLAB	138.1	36.4	559	20° L.F.	CONCRETE	32	20	15
B	*** RIC-603-0734	SINGLE-SPAN PRESTRESSED	91.5	32.0	326	30° R.F.	ASPHALT	32	32	15
B	* RIC-603-0793	2-SPAN TIMBER CULVERT	10.0			30° R.F.	ASPHALT	23.5		

+ PLANE 100 FT. ON BOTH APPROACHES. OMIT RESURFACING ON THE BRIDGE DECK. BUTT JOINT AT THE BRIDGE DECK. (SEE ROADWAY PLANS FOR GUARDRAIL WORK. SEE DETAILS IN PLAN FOR STRUCTURE WORK.)

ASD-603-0094: ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 867 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

ASD-603-0429: ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 778 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

RIC-603-0378: ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 523 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

RIC-603-0394: ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 523 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

RIC-603-0539: ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 712 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

++ PLANE 100 FT. ON BOTH APPROACHES. OMIT RESURFACING ON THE BRIDGE DECK. BUTT JOINT AT THE APPROACH SLABS. (SEE ROADWAY PLANS FOR GUARDRAIL WORK. NO STRUCTURE WORK.)

ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 578 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

+++ PLANE BRIDGE DECK AND 25 FT. ON BOTH APPROACHES AT 1.25 IN. DEPTH. FEATHER INTERMEDIATE COURSE TO BRIDGE DECK. PAVE OVER WITH SURFACE COURSE ONLY.

(SEE ROADWAY PLANS FOR GUARDRAIL WORK. SEE DETAILS IN PLAN FOR STRUCTURE WORK.)

ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 199 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

PAVE UNDER WITH BOTH COURSES. (NO GUARDRAIL WORK. NO STRUCTURE WORK.)

* PAVE OVER (NO WORK.)

** PLANE 100 FT. ON BOTH APPROACHES. OMIT RESURFACING ON THE BRIDGE DECK. BUTT JOINT AT THE REAR APPROACH SLAB. BUTT JOINT AT THE BRIDGE DECK AT FORWARD POSITION.

(SEE ROADWAY PLANS FOR GUARDRAIL WORK. SEE DETAILS IN PLAN FOR STRUCTURE WORK.)

ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 800 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

*** PLANE 11N. OFF OF BRIDGE DECK. PLANE 115 FT. ON BOTH APPROACHES. FEATHER INTERMEDIATE COURSE TO APPROACH SLABS. PAVE OVER WITH SURFACE COURSE ONLY.

(SEE ROADWAY PLANS FOR GUARDRAIL WORK. SEE DETAILS IN PLAN FOR STRUCTURE WORK.)

ITEM 254 - PAVEMENT PLANING, BITUMINOUS: 1144 SQUARE YARDS (CARRIED TO GENERAL SUMMARY SHEET NO. 2)

BRIDGE NUMBER ASD-603-0429 SFN 305855

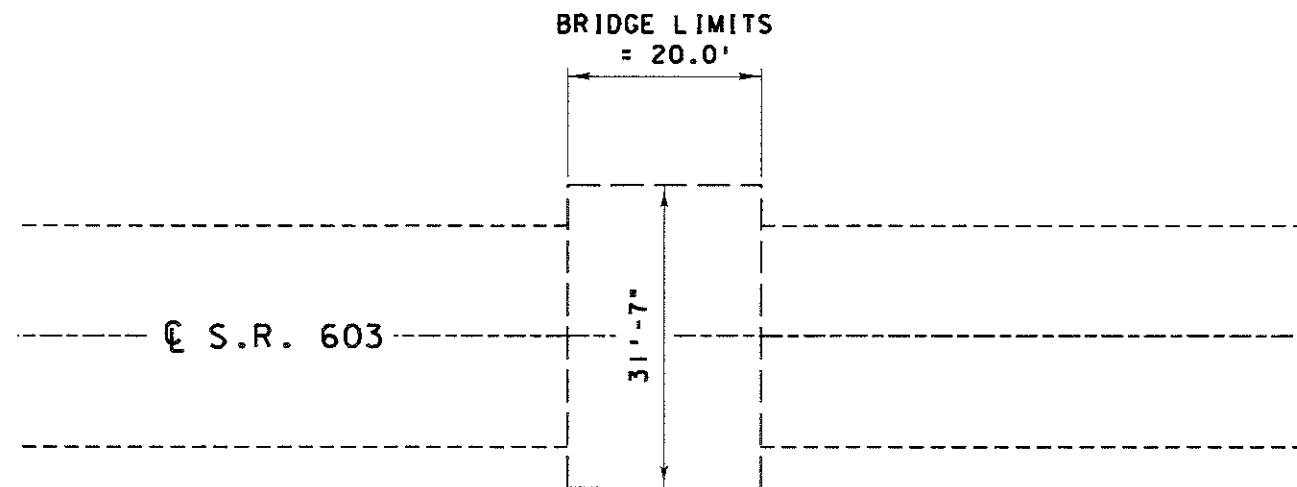
ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION
202	11300	17	CU. YD.	PORTIONS OF STRUCTURE REMOVED (DECK EDGE)
202	38500	137.5	LIN. FT.	BRIDGE RAILING REMOVED
509	20001	25	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN
517	70000	143.5	LIN. FT.	RAILING (TWIN STEEL TUBE)
SPECIAL	51822300	140	LIN. FT.	STEEL DRIP STRIP
842	34401	18	CU. YD.	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (DECK EDGE RECONSTRUCTION)
848	10001	240	SQ. YD.	MICRO SILICA MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN (2¾ INCH THICK)
848	20000	200	SQ. YD.	SURFACE PREPARATION USING HYDRODEMOLITION
848	30000	6	CU. YD.	MICRO SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY
848	50000	8	SQ. YD.	HAND CHIPPING
848	50100	LUMP		TEST SLAB
848	50200	1	CU. YD.	FULL-DEPTH REPAIR
848	50320	209	SQ. YD.	EXISTING CONCRETE OVERLAY REMOVED (1¾ INCH NOMINAL THICKNESS)
864	10100	34	SQ. YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

BRIDGE NUMBER ASD-603-0614 SFN 305952

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION
254	01000	71	SQ. YD.	PAVEMENT PLANING, BITUMINOUS
512	33010	71	SQ. YD.	TYPE 3 WATERPROOFING

QUANTITIES FROM SHEET 44 & 46

DESIGN FILE: i:\projects\16776\Struct\misc.dgn
WORKSTATION: kwr/tel DATE: 01/24/02



PLAN VIEW

NOTES:

- 1) THE EXISTING GUARDRAIL IS NOT SHOWN.
- 2) THE EXISTING PAVEMENT AND RUBBERIZED SEAL SHALL BE REMOVED PER ITEM 254 - PAVEMENT PLANING, BITUMINOUS. (IF THE WOOD DECK IS DAMAGED THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPAIR)
- 3) THE ENTIRE DECK SHALL BE WATERPROOFED USING ITEM 512- TYPE 3 WATERPROOFING.

ITEM	QUANTITY	UNIT	DESCRIPTION
254	71	square yard	PAVEMENT PLANING, BITUMINOUS
512	71	square yard	TYPE 3 WATERPROOFING

ALL QUANTITIES CARRIED TO STRUCTURE SUMMARY SHEET, SHEET NO. 38

PLAN VIEW
ASD-603-0614

ASD-603-0.00

46
96

DESIGN AGENCY
DISTRICT THREE

DATE
2/02
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DC
STRUCTURAL FILE NUMBER
305952

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