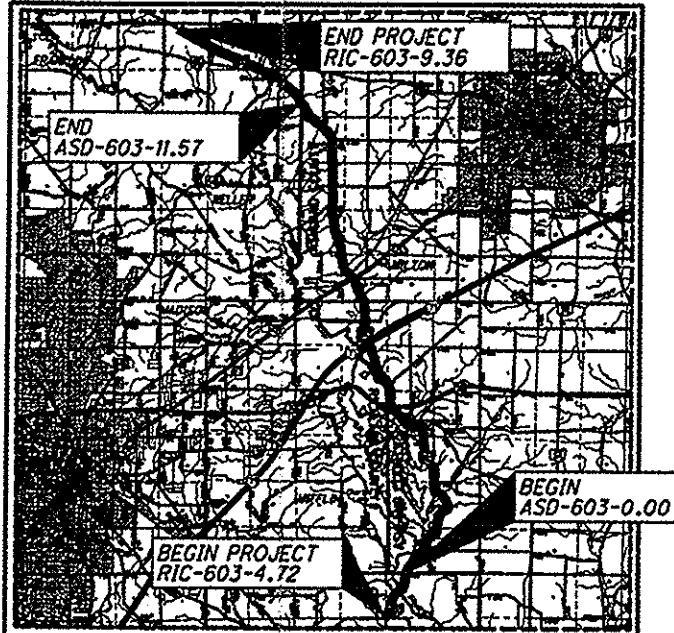


STATE OF OHIO
DEPARTMENT OF TRANSPORTATION



**RIC-603-4.72
ASD-603-0.00**

PROJECT DESCRIPTION

THIS PROJECT WILL INCLUDE PAVEMENT REPAIR, PAVEMENT PLANING, RESURFACING, GUARDRAIL CONSTRUCTION, BRIDGE REHABILITATION AND PAVEMENT MARKINGS.

EO90920
FEDERAL PROJECT NO.

**VILLAGE OF MIFFLIN MILTON TOWNSHIP
MONROE TOWNSHIP WELLER TOWNSHIP
MIFFLIN TOWNSHIP**

PROJECT EARTH DISTURBED AREA: N/A ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES

86723
CONSTRUCTION PROJECT NO. PTD NO.

LOCATION MAP

LATITUDE: N 40° 52' 38" LONGITUDE: W 82° 17' 41"

SCALE IN MILES

0 1 2 3 4



PORTION TO BE IMPROVED.

INTERSTATE & DIVIDED HIGHWAY

UNDIVIDED STATE & FEDERAL ROUTES

OTHER ROADS

DESIGN DESIGNATION

SEE SHEET NO. 2.

DESIGN EXCEPTIONS

NONE

INDEX OF SHEETS:

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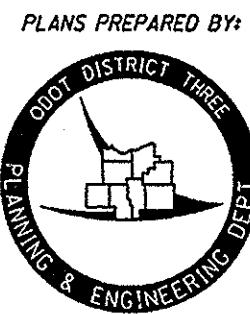
2013 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED *Mr. C. Bell*
DATE 9-10-13 DISTRICT DEPUTY DIRECTOR

APPROVED *Terry Whayr*
DATE 9-26-13 DIRECTOR, DEPARTMENT OF TRANSPORTATION



ROADWAY ENGINEERS SEAL:	STRUCTURAL ENGINEERS SEAL:
<p>SIGNED: <i>John Doherty</i> DATE: 9/10/13</p> <p>SIGNED: <i>J.V.</i> DATE: 9/10/13</p>	

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS
BP-3.1	4/20/12	MT-95.11	7/19/13	TC-41.20	1/19/13	SS800 10/18/13
BP-4.1	7/19/13	MT-96.20	7/19/13	TC-42.20	1/21/11	SS832 5/7/09
		MT-96.26	7/19/13	TC-52.10	1/18/13	SS848 12/31/12
DM-4.3	1/18/13	MT-97.10	7/19/13	TC-52.20	1/18/13	
DM-4.4	7/20/12	MT-97.12	7/19/13	TC-61.30	4/20/12	
		MT-99.20	7/19/13	TC-65.10	4/20/12	
RM-1.1	1/18/13	MT-101.90	7/20/12	TC-65.11	4/20/12	
		MT-105.10	10/19/12	TC-71.10	10/19/12	
MGS-1.1	7/19/13			TC-73.10	4/20/12	
MGS-2.1	7/19/13					
MGS-4.1	7/19/13					
MGS-4.2	7/19/13					

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	

ASD-603-4.72
RIC-603-4.72, ASD-603-0.00

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RIC - SR-603-4.72; ASD-603-0.00
130612 PID - 86723
Dist 3 12/12/2013

Contract Proposal Available @ www.contracts.dot.state.oh.us/home

WORKSTATION File: \Projects\86723\Roadway\Sheets\86723C1001.dwg
Date: 9/10/2013

ASD-603-0428 SFN 0305855

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION	REFERENCE SHEET
		(02/STR/BR)			
409	30001	72	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS, AS PER PLAN	30
512	10100	16	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
512	10300	240	SQ YD	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN	
512	74000	16	SQ YD	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES	

ASD-603-0602 SFN 0305952

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION	REFERENCE SHEET
		(02/STR/BR)			
254	01000	70	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE (1.50")	
442	00201	2.5	CU YD	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (1.25")	5
442	200101	2.5	CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, 9.5 MM, TYPE A (448), AS PER PLAN (1.25")	5
512	33010	70	SQ YD	TYPE 3 WATERPROOFING	

ASD-603-0676 SFN 0306029

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION	REFERENCE SHEET
		(02/STR/BR)			
512	10100	37	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
512	74000	37	SQ YD	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES	

Bridge Deck Data							Roadway Data			
County, Route, Bridge No.	Location	Structure Type	Length (Bridge Deck)	Width	Bridge Deck Area	Skew	Existing Wearing Surface	Existing Pavement Width	Existing Approach Slab Width	Existing Approach Slab Length
			ft.	ft.	sq.yd.			ft.	ft.	ft.
* RIC-603-0537	OVER BLACK FORK	3-SPAN CONCRETE SLAB	138.1	36	553	20° LF	CONCRETE	40	20	25
* ASD-603-0094	OVER BRANCH OF BLACK FORK	SINGLE SPAN CONCRETE SLAB	30.9	40	138	30° RF	CONCRETE	26	24	25
** ASD-603-0215	OVER SEYMOUR RUN	3-SPAN CONCRETE SLAB	61	32	217	11° RF	CONCRETE	32	32	20
* ASD-603-0428	OVER RUFFNER RUN	3-SPAN CONCRETE SLAB	60	36	240	0°	CONCRETE	28	20	15
*** ASD-603-0602	OVER TRIB. OF CHARLES MILL OVERFLOW	SINGLE SPAN STEEL BEAM	20	32	72	0°	ASPHALT	28		
**** ASD-603-0627	UNDER I-71	4-SPAN STEEL BEAM	365	61	2474	12° RF	CONCRETE	60	61	25
**** ASD-603-0632	UNDER I-71	4-SPAN STEEL BEAM	365	61	2474	12° RF	CONCRETE	60	61	25
+ ASD-603-0676	OVER TRIB. OF CHARLES MILL OVERFLOW	CONCRETE BOX				15° RF	ASPHALT	22		
++ ASD-603-0755	OVER BRINDLE RUN	3-SPAN CONCRETE SLAB	105.7	38	447	20° RF	CONCRETE	28	REAR @ 38' FORWARD @ 22'	25
+++ RIC-603-0739	OVER WHETSTONE CREEK	SINGLE SPAN PRESTRESSED BEAM	91.6	32	326	30° RF	ASPHALT	32	32	15
++++ RIC-603-0794	OVER DRAINAGE DITCH	TWIN CELL WOOD BOX				30° RF	ASPHALT	24		

* PLANE OVER APPROACH SLABS AT A DEPTH BASED ON THE MAIN LINE PAVEMENT TREATMENT. BUTT JOINT AT BRIDGE DECK, OMIT RESURFACING OVER BRIDGE DECK (SEE DETAILS IN THE PLAN FOR STRUCTURE WORK). (SEE ROADWAY PLANS FOR PLANING AND PAVING QUANTITIES).

** BUTT JOINT AT APPROACH SLABS, OMIT RESURFACING OVER APPROACH SLABS AND BRIDGE DECK (SEE DETAILS IN THE PLAN FOR STRUCTURE WORK). (SEE ROADWAY PLANS FOR PLANING AND PAVING QUANTITIES).

*** TAPER THE PLANING FROM $2\frac{1}{4}$ " DEEP TO $1\frac{1}{2}$ " DEEP IN 100' AT THE APPROACH TO STRUCTURE. PLANE $1\frac{1}{2}$ " DEEP OVER STRUCTURE. (PLANE DECK FULL WIDTH FROM EDGE TO EDGE OF DECK) WATERPROOF AND REPAVE BASED ON DEPTH FOR MAIN LINE PAVEMENT TREATMENT (SEE DETAILS IN THE PLAN FOR STRUCTURE WORK). (REPAVE DECK FULL WIDTH FROM EDGE TO EDGE OF DECK) (PLANING AND PAVING QUANTITIES ARE ON STRUCTURE DETAIL SHEET).

***** NO STRUCTURE WORK

+ PLANE AND PAVE OVER STRUCTURE BASED ON MAIN LINE PAVEMENT TREATMENT (SEE DETAILS IN THE PLAN FOR STRUCTURE WORK). (SEE ROADWAY PLANS FOR PLANING AND PAVING QUANTITIES).

++ BUTT JOINT AT THE APPROACH SLAB TO THE SOUTH AND BRIDGE DECK TO THE NORTH. OMIT RESURFACING OVER REAR APPROACH SLAB AND BRIDGE DECK. RESURFACE OVER FORWARD APPROACH SLAB. (SEE DETAILS IN THE PLAN FOR STRUCTURE WORK). (SEE ROADWAY PLANS FOR PLANING AND PAVING QUANTITIES).

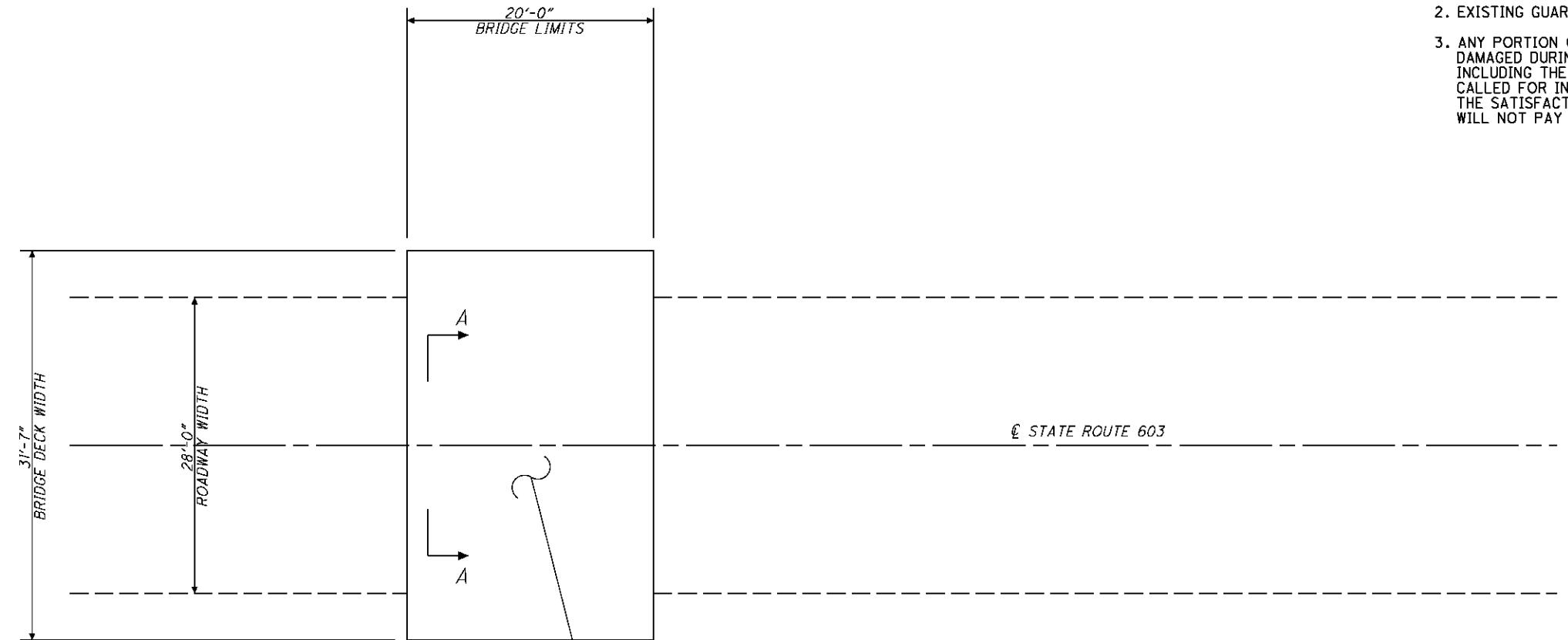
+++ TAPER THE PLANING FROM $2\frac{1}{4}$ " DEEP TO 2" DEEP IN 50' AT THE APPROACH TO STRUCTURE. PLANE 2" DEEP OVER STRUCTURE. (PLANE DECK FULL WIDTH EDGE TO EDGE OF DECK) WATERPROOF AND REPAVE BASED ON DEPTH FOR MAIN LINE PAVEMENT TREATMENT (SEE DETAILS IN THE PLAN FOR STRUCTURE WORK). (REPAVE DECK FULL WIDTH FROM EDGE TO EDGE OF DECK) (PLANING AND PAVING QUANTITIES ARE ON STRUCTURE DETAIL SHEET).

++++ NO STRUCTURE WORK. PLANE AND PAVE OVER STRUCTURE BASED ON MAIN LINE PAVEMENT TREATMENT (SEE ROADWAY PLANS FOR PLANTING AND PAVING QUANTITIES).

DESIGN AGENCY
ODOT DISTRICT THREE
OFFICE OF PLANNING
AND ENGINEERING

STRUCTURE TREATMENT

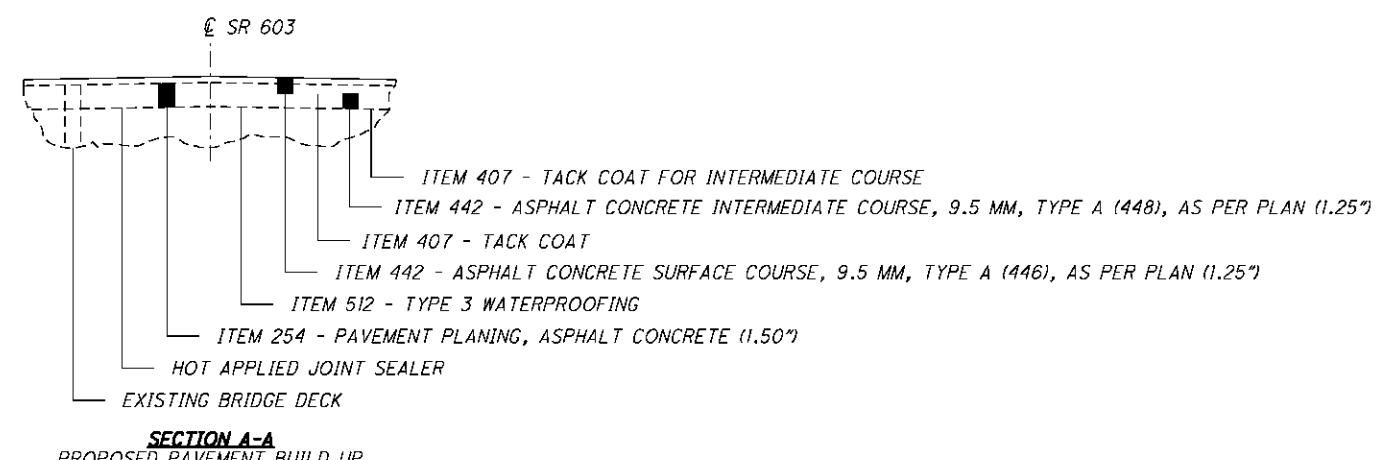
RIC-603-4.72
ASD-603-0.00



- ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (1.50")
- ITEM 512 - TYPE 3 WATERPROOFING
- ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 9.5 MM, TYPE A (448), AS PER PLAN (1.25")
- ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (1.25")

ESTIMATED QUANTITIES			
ITEM	QUANTITY	UNIT	DESCRIPTION
254	70	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE (1.50")
442	2.5	CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, 9.5 MM, TYPE A (448), AS PER PLAN (1.25")
442	2.5	CU YD	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (1.25")
512	70	SQ YD	TYPE 3 WATERPROOFING

ALL QUANTITIES CARRIED TO THE STRUCTURE SUMMARY



STRUCTURE DETAILS	DESIGNED	DRAWN	REVIEWED	DATE	DESIGN AGENCY ODOT DISTRICT THREE OFFICE OF PLANNING AND ENGINEERING
	KCK	KCK	DJV	STRUCTURE FILE NUMBER	
ASD-603-0602 STRUCTURE OVER TRIBUTARY OF THE CHARLES MILL OVERFLOW	RIC-603-4-72 ASD-603-0602	NRFF ---	NRFF ---	9/4/13 0305952	