STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

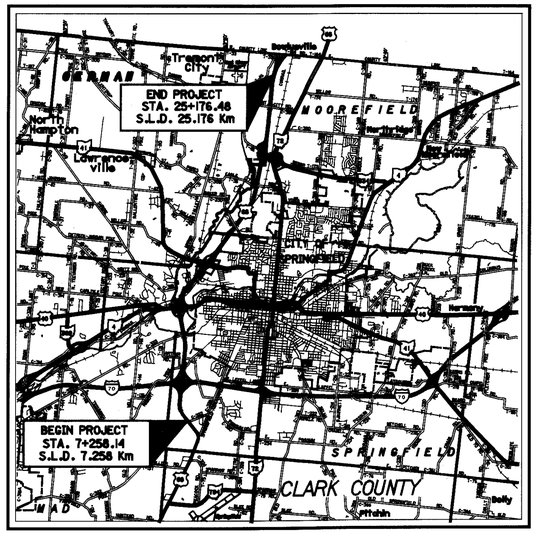
CLA-68-7.257

City of Springfield

SPRINGFIELD, GERMAN, & MOOREFIELD TWP.

Clark County

metric units



LOCATION MAP

LATITUDE: 39°52′32″ LONGITUDE: 83°50′26″

SCALE IN KILOMETERS

0 1 2 3 4

N

PORTION TO BE IMPROVED

STATE & FEDERAL ROUTES

OTHER ROADS

DESIGN DESIGNATION

CURRENT ADT (1996)	16,100
DESIGN YEAR ADT (2017)	20,500
DESIGN HOURLY VOLUME (2016)	2,050
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	7.0%
DESIGN SPEED	110 Km/H
LEGAL SPEED	65 mph

DESIGN FUNCTIONAL CLASSIFICATION -
RURAL PRINCIPAL ARTERIAL
RURAL MAJOR COLLECTOR
URBAN OTHER FREEWAY AND EXPRESSWAY

DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATE	SHEET NOS.
SHOULDER WIDTH		2,3
BRIDGE WIDTH		44,66,67

UNDERGROUND UTILITIES
TWO WORKING DAYS
BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

PLAN PREPARED BY:
DISTRICT NO. 7
OHIO DEPARTMENT OF
TRANSPORTATION

ENGINEERS SEAL

STATE OF OHIO
PAUL ROBERT NARTHER
47338
REGISTERED
PROFESSIONAL ENGINEER

SIGNED: Paul Robert Narther
DATE: 10-19-98

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STRUCTURES OVER 20′ SPAN	72-115,115A,115B,116-130

STANDARD CONSTRUCTION DRAWINGS

BP-3.1M	10-28-94	GR-5.1M	04-21-95	BR-1M	12-15-94	MT-35.10M	01-30-95	MT-98.16M	06-24-93
BP-9.1M	12-18-96	GR-5.2M	11-30-94			MT-35.11M	01-30-95	MT-98.17M	04-25-94
BP-9.2M	12-18-96	GR-5.3M	11-30-94	EXJ-4-87M	02-18-97			MT-98.18M	04-25-94
				EXJ-6-95M	03-18-97	MT-95.30M	04-25-94	MT-98.19M	03-01-96
GR-1.1M	10-21-97	GR-6.1M	01-03-96			MT-95.40M	04-25-94		
GR-1.2M	01-03-96			FB-1-82M	12-19-94			MT-101.20	03-01-96
GR-1.3M	11-30-94					MT-96.11M	01-30-95		
		RM-4.2M	10-21-97			MT-96.20M	01-30-95		
GR-2.1M	4-14-98	RM-4.3M	10-21-97	TC-65.10M	11-01-95	MT-96.25M	01-30-95		
		RM-4.5M	10-21-97	TC-65.11M	11-01-95				
GR-3.1M	10-21-97			TC-65.12M	11-01-95	MT-97.11M	01-30-95		
GR-3.2M	10-21-97			TC-65.13M	11-03-93				
						MT-98.12M	06-24-93		
GR-4.2M	10-21-97			TC-71.10M	09-01-93	MT-98.13M	06-24-93		
GR-4.3M	10-21-97			TC-72.20M	09-01-93	MT-98.14M	06-24-93		
GR-4.4M	11-30-94					MT-98.15M	06-24-93		

SUPPLEMENTAL SPECIFICATIONS

SPECIAL PROVISIONS

PROJECT DESCRIPTION

IMPROVEMENT OF 17.92 KILOMETERS OF S.R. 68 BY RESURFACING THE EXISTING PAVEMENT, INCLUDING THE REHABILITATION OF BRIDGES ALONG THE PROJECT.

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE REVISED CODE OF OHIO.

1997 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 NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY. PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

UNDER AUTHORITY OF SECTION 4511.21, DIVISION (I) OF THE REVISED CODE OF OHIO, THE REVISED PRIMA FACIE SPEED LIMITS AS INDICATED HEREIN ARE DETERMINED TO BE REASONABLE AND SAFE, AND ARE HEREBY ESTABLISHED FOR THE DURATION OF THIS PROJECT. THE PRIMA FACIE SPEED LIMIT OR LIMITS HEREBY ESTABLISHED SHALL BECOME EFFECTIVE WHEN APPROPRIATE SIGNS GIVING NOTICE THEREOF ARE ERECTED.

APPROVED William L. Harrison proxy
DATE 10-16-98 DISTRICT DEPUTY DIRECTOR

APPROVED Gary Sheng
DATE 10-27-98 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. TE21-699(127)

PID NO. 12710

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT NONE

CLA-68-7.257

CLA-68-7.257
99003O
DIST 7

PID # 12710
1-27-99

cla68gt.dgn 10OCT97
Last revision: 10OCT97

rbumsf@DOTCD11 - c68_1147.m - Thursday October 15 1998 01:49:21 PM EDT

ITEM 516 - REFURBISHING BEARING DEVICES, AS PER PLAN

THIS ITEM SHALL INCLUDE ALL WORK NECESSARY TO PROPERLY ALIGN BRIDGE BEARINGS AS WELL AS THEIR CLEANING AND PAINTING AT BOTH ABUTMENTS ON BRIDGE CLA-68-1147. THIS WORK SHALL INCLUDE THE DISASSEMBLY OF THE BEARINGS, SANDBLASTING, REPLACEMENT OF ANY DAMAGED SHEET LEAD (711.19), INSTALLATION OF ANY NECESSARY STEEL SHIMS OF THE SAME SIZE AS THE BEARINGS TO PROVIDE A SNUG FIT, REALIGNMENT OF THE UPPER BEARING PLATE BY REMOVING EXISTING WELDS AND REWELDING SO THAT THE BEARINGS ARE VERTICALLY ALIGNED AT 60 DEGREES F, LUBRICATING SLIDING SURFACES, AND REASSEMBLY OF THE BEARINGS.

THE CONTRACTOR SHALL BE SURE THAT ALL BEARINGS ARE SHIMMED ADEQUATELY AND THAT NO BEAMS AND/OR BEARING DEVICES ARE FLOATING. AT THE OPTION OF THE CONTRACTOR AND AT NO ADDITIONAL COST TO THE STATE, NEW BEARINGS OF THE SAME TYPE AS THE EXISTING MAY BE INSTALLED IN LIEU OF REFURBISHING THE BEARINGS. ALL WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL THE ABOVE DESCRIBED, LABOR AND MATERIALS WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM 516, REFURBISH BEARING DEVICES, AS PER PLAN.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO ESTIMATED QUANTITIES

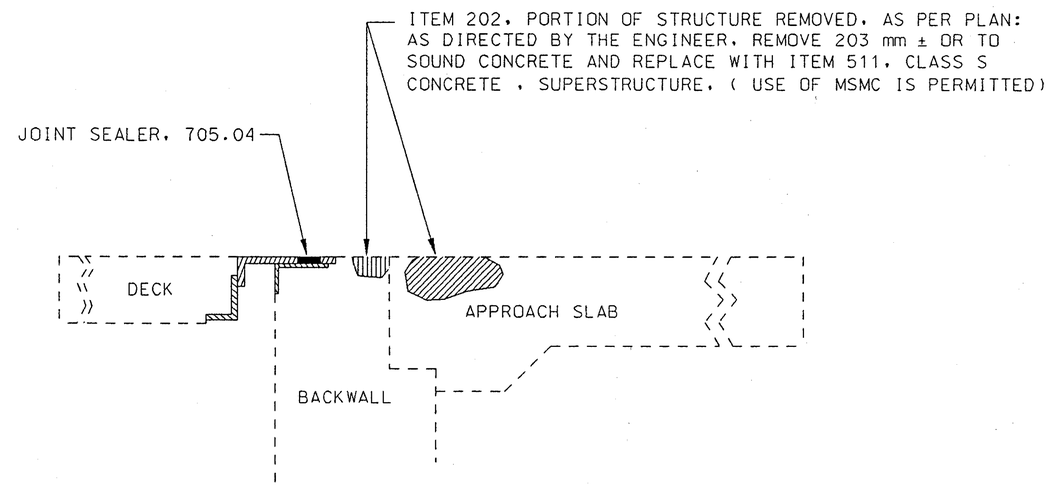
ITEM 516	REFURBISH BEARING DEVICES, AS PER PLAN	12 EACH

ITEM SPECIAL, SEALING OF CONCRETE SURFACES (EPOXY) (SEE PROPOSAL NOTE)

THE FOLLOWING EXPOSED CONCRETE SURFACES SHALL BE SEALED USING AN EPOXY SEALER:

1. ABUTMENTS AND BACKWALLS FROM TOP TO BACKWALL TO BRIDGE SEAT, THE BRIDGE SEAT, AND FROM BRIDGE SEAT TO THE GROUND LINE.

PRIOR TO APPLICATION OF THE SURFACE SEALER, THE ENGINEER SHALL INSURE THAT ALL FOREIGN MATERIAL, INCLUDING GRAFFITI HAS BEEN REMOVED BY THE SURFACE PREPARATION PROCESS.



ESTIMATED QUANTITIES (CLA-68-1147)

ITEM	ITEM EXTENSION	QUANTITY	UNIT	DESCRIPTION
202	11001	LUMP	SQ. METER	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
511	32202	2.01	SQ. METER	CLASS S CONCRETE, SUPERSTRUCTURE
SPECIAL	51267502	54.38	SQ. METER	SEALING OF CONCRETE SURFACES, (EPOXY)
516	31000	24.38	METER	JOINT SEALER, 705.04
516	45305	12	EACH	REFURBISH BEARING DEVICES, AS PER PLAN

* ESTIMATED QUANTITIES CARRIED TO BRIDGE SUMMARY ON SHEET 72

ESTIMATED QUANTITIES FOR SEALING OF CONCRETE SURFACES (EPOXY)

BRIDGE NO.	LOCATION	REAR ABUTMENT	FORWARD ABUTMENT			ITEM SPECIAL, SEALING OF CONCRETE SURFACES (EPOXY) (SEE PROPOSAL NOTE)
		SQ. METER	SQ. METER			SQ. METER
CLA-68-1147	EAGLE CITY ROAD OVER U.S.R.68	27.19	27.19			54.38
TOTAL CARRIED TO ESTIMATED QUANTITIES						54.38

DESIGN AGENCY: OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 7

DESIGNED J.B.S. | DRAWN J.B.S. | REVIEWED | DATE
CHECKED | REVISED | STRUCTURE FILE NUMBER

BRIDGE NOTES
BRIDGE NO. CLA-68-1147

CLA-68-7.257

1/1