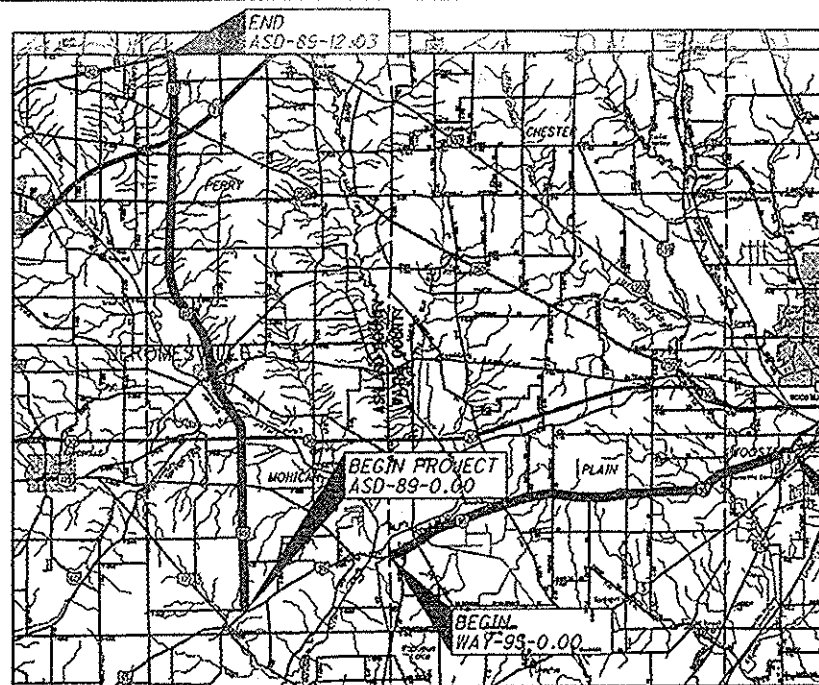


STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

ASD-89-0.00
WAY-95-0.00

VILLAGE OF JEROMESVILLE
MOHICAN TOWNSHIP
PERRY TOWNSHIP
PLAIN TOWNSHIP
WOOSTER TOWNSHIP
ASHLAND COUNTY
WAYNE COUNTY



LOCATION MAP

ASD-89-0.00 LATITUDE: N40°48' 21" LONGITUDE: W82°11' 47"
WAY-95-0.00 LATITUDE: N40°46' .36" LONGITUDE: W82°3' 9.94"



PORTION TO BE IMPROVED _____
INTERSTATE HIGHWAY _____
FEDERAL ROUTES _____
STATE ROUTES _____
COUNTY & TOWNSHIP ROADS _____
OTHER ROADS _____

DESIGN DESIGNATION

SEE SHEET 3

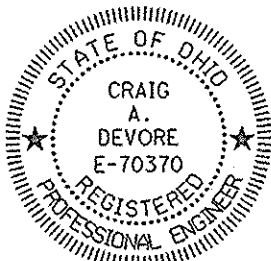
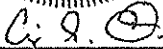
DESIGN EXCEPTIONS

NONE

NHS PROJECT

NO

UNDERGROUND UTILITIES	
CONTACT BOTH SERVICES TWO WORKING DAYS BEFORE YOU DIG.	
	Call Before You Dig 1-800-362-2764
(Non-members must be called directly)	
OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE 1-800-925-0988	

ENGINEERS SEAL:	STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS	
 SIGNED:  DATE: 2-22-2016	BP-3.1	7/18/14	MT-105.10	7/19/13	800	01/15/16	
	BP-4.1	7/19/13			830	01/17/14	
	BP-7.1	7/18/14	TC-41.20	10/18/13	832	01/17/14	
			TC-42.20	10/18/13	897	01/16/15	
	DM-4.3	1/15/16	TC-52.10	10/18/13			
	DM-4.4	1/15/16	TC-52.20	7/18/14			
			TC-64.10	7/17/15			
	RM-1.1	7/18/14	TC-65.10	1/17/14			
			TC-65.11	7/18/14			
			TC-71.10	1/17/14			
	MT-95.31	7/18/14					
	MT-95.32	7/18/14					
	MT-95.60	7/19/13					
	MT-97.10	7/18/14					
	MT-97.12	7/18/14					
MT-99.20	7/19/13						
MT-101.90	7/17/15						

PROJECT DESCRIPTION

THIS PROJECT WILL INCLUDE PAVEMENT REPAIRS,
PLACING ITEM 424 AND PAVEMENT MARKINGS.

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

2013 SPECIFICATIONS

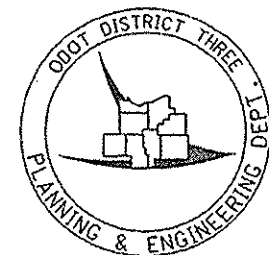
THE STANDARD SPECIFICATIONS OF THE STATE OF
OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING
CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED
IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVED THESE PLANS AND DECLARE THAT
THE MAKING OF THIS IMPROVEMENT WILL NOT 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 _____
DATE 2/22/16 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE 3-8-16 DIRECTOR, DEPARTMENT OF
TRANSPORTATION

PLANS PREPARED BY:



FEDERAL PROJECT NO.
E150776

PID NO.
94424

CONSTRUCTION PROJECT NO.

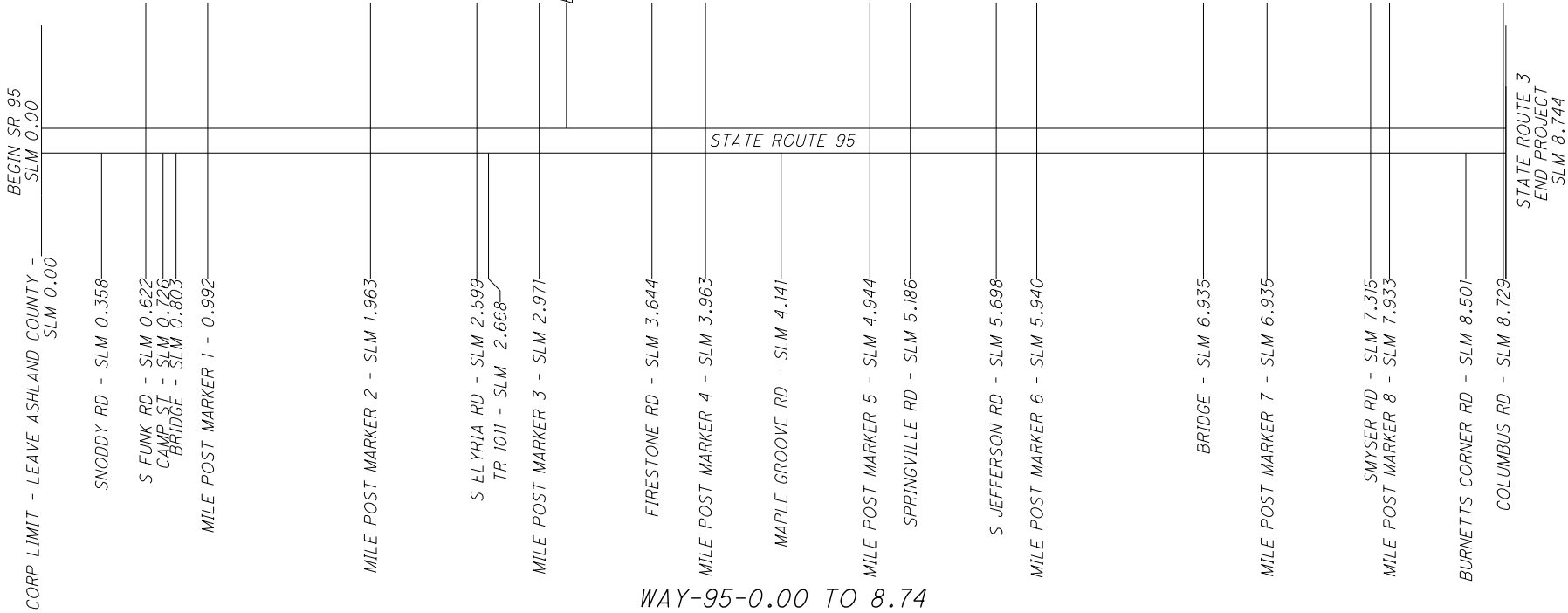
RAILROAD INVOLVEMENT
NONE

ASD-89-0.00
WAY-95-0.00

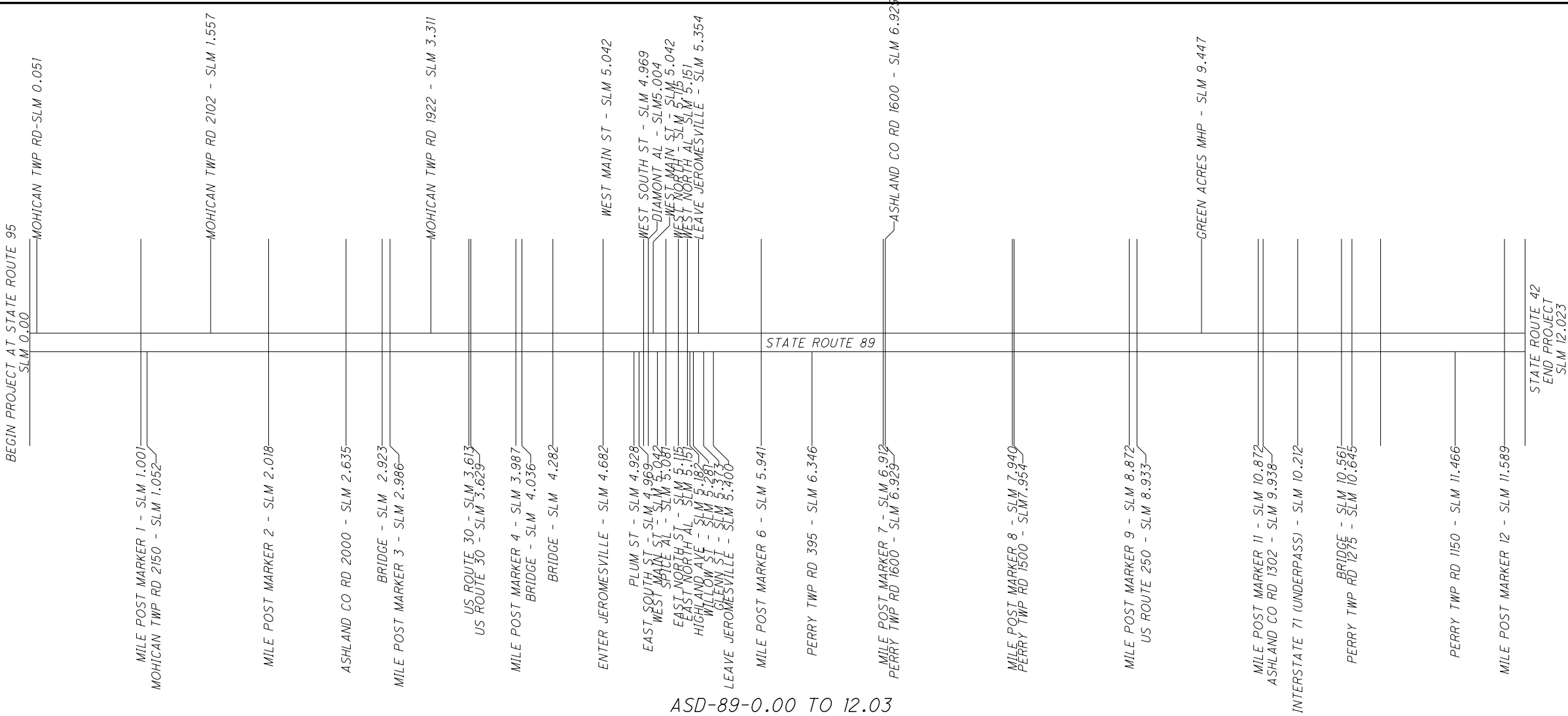
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ASD - SR 89-00.00 PM
160307 PID - 94424
Dist 3 5/19/2016

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



WAY-95-0.00 TO 8.74



ASD-89-0.00 TO 12.03

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DESIGN DESIGNATION
ASD 89 0.00 TO 3.63

CURRENT ADT (2016) -----1,500
DESIGN YEAR ADT (2024) -----1,600
DESIGN HOURLY VOLUME (2023) -----160
DIRECTIONAL DISTRIBUTION -----0.59
TRUCKS (24 HOUR B&C) -----0.06
DESIGN SPEED -----55MPH
LEGAL SPEED -----55MPH
DESIGN FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
NHS PROJECT -----NO

DESIGN EXCEPTIONS
NONE

DESIGN DESIGNATION
ASD 89 3.63 TO 5.04

CURRENT ADT (2016) -----1,700
DESIGN YEAR ADT (2024) -----1,900
DESIGN HOURLY VOLUME (2023) -----190
DIRECTIONAL DISTRIBUTION -----0.64
TRUCKS (24 HOUR B&C) -----0.06
DESIGN SPEED -----55MPH
LEGAL SPEED -----55MPH
DESIGN FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
NHS PROJECT -----NO

DESIGN EXCEPTIONS
NONE

DESIGN DESIGNATION
ASD 89 5.04 TO 8.93

CURRENT ADT (2016) -----1,300
DESIGN YEAR ADT (2024) -----1,500
DESIGN HOURLY VOLUME (2023) -----150
DIRECTIONAL DISTRIBUTION -----0.54
TRUCKS (24 HOUR B&C) -----0.04
DESIGN SPEED -----55MPH
LEGAL SPEED -----55MPH
DESIGN FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
NHS PROJECT -----NO

DESIGN EXCEPTIONS
NONE

DESIGN DESIGNATION
ASD 89 8.93 TO 12.02

CURRENT ADT (2016) -----1,900
DESIGN YEAR ADT (2024) -----2,200
DESIGN HOURLY VOLUME (2023) -----220
DIRECTIONAL DISTRIBUTION -----0.52
TRUCKS (24 HOUR B&C) -----0.09
DESIGN SPEED -----55MPH
LEGAL SPEED -----55MPH
DESIGN FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
NHS PROJECT -----NO

DESIGN EXCEPTIONS
NONE

DESIGN DESIGNATION
WAY 95 0.00 TO 1.62

CURRENT ADT (2016) -----590
DESIGN YEAR ADT (2024) -----690
DESIGN HOURLY VOLUME (2023) -----90
DIRECTIONAL DISTRIBUTION -----0.70
TRUCKS (24 HOUR B&C) -----0.05
DESIGN SPEED -----55MPH
LEGAL SPEED -----55MPH
DESIGN FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
NHS PROJECT -----NO

DESIGN EXCEPTIONS
NONE

DESIGN DESIGNATION
WAY 95 0.62 TO 7.32

CURRENT ADT (2016) -----1,100
DESIGN YEAR ADT (2024) -----1,300
DESIGN HOURLY VOLUME (2023) -----170
DIRECTIONAL DISTRIBUTION -----0.70
TRUCKS (24 HOUR B&C) -----0.05
DESIGN SPEED -----55MPH
LEGAL SPEED -----55MPH
DESIGN FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
NHS PROJECT -----NO

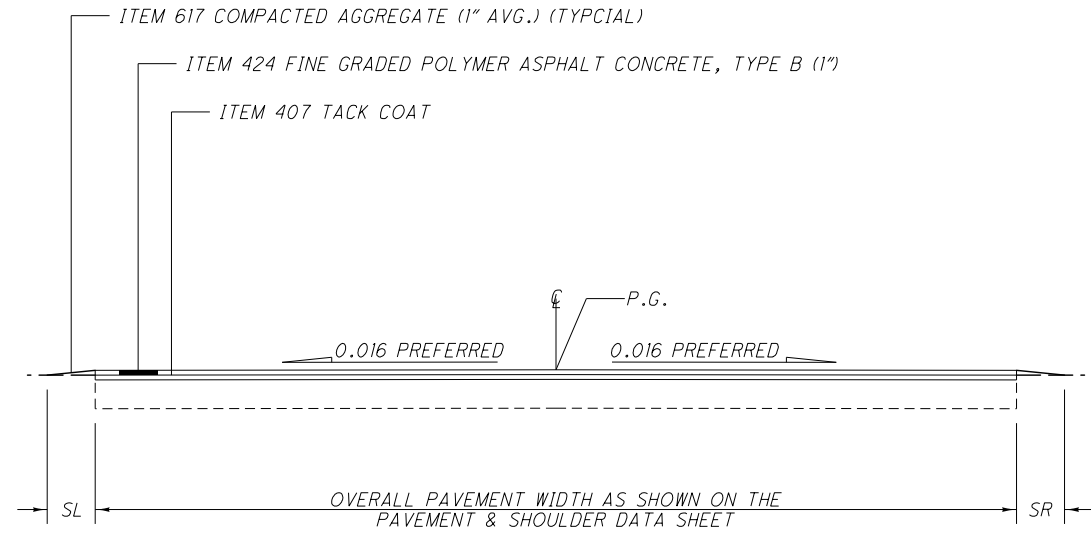
DESIGN EXCEPTIONS
NONE

DESIGN DESIGNATION
WAY 95 7.32 TO 8.74

CURRENT ADT (2016) -----2,400
DESIGN YEAR ADT (2024) -----2,600
DESIGN HOURLY VOLUME (2023) -----340
DIRECTIONAL DISTRIBUTION -----0.70
TRUCKS (24 HOUR B&C) -----0.05
DESIGN SPEED -----55MPH
LEGAL SPEED -----55MPH
DESIGN FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
NHS PROJECT -----NO

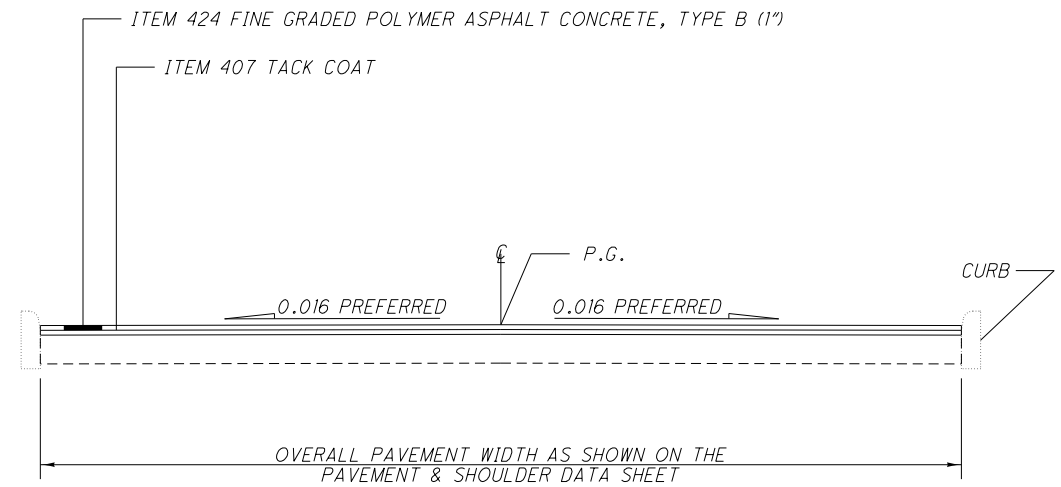
DESIGN EXCEPTIONS
NONE

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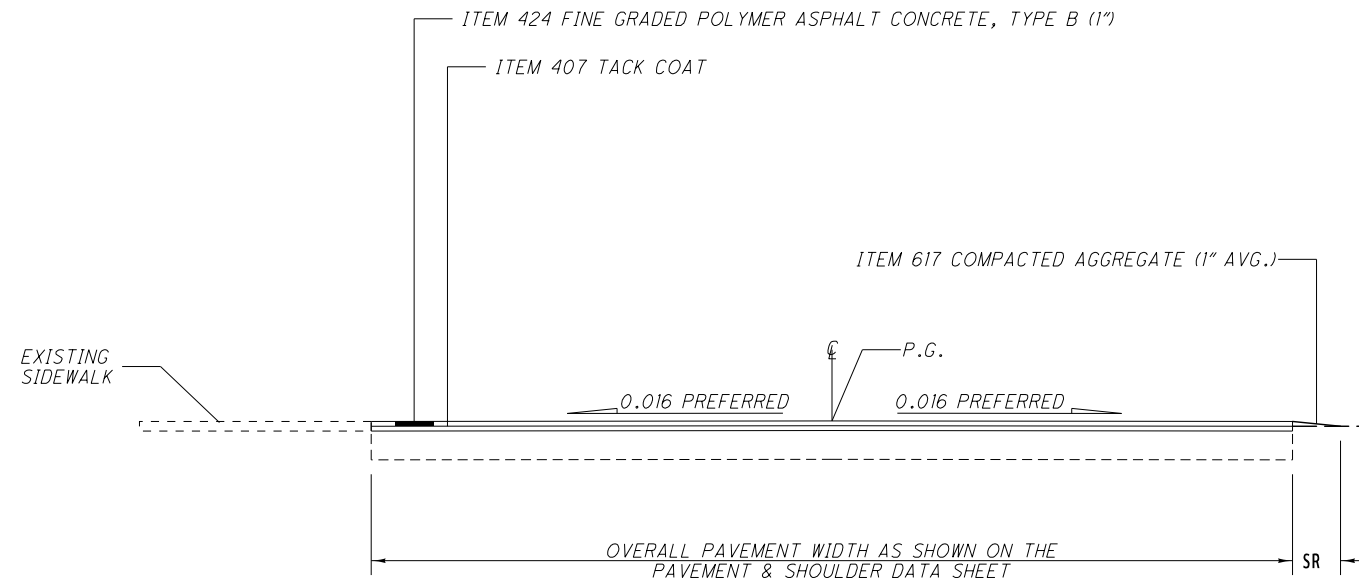
TYPICAL 1

ASD 89 0.00 TO 4.93
ASD 89 5.34 TO 12.03
WAY 95 0.00 TO 8.74



TYPICAL 2

ASD 89 5.00 TO 5.26



TYPICAL 3

ASD 89 5.26 TO 5.34

TYPICAL SECTIONS

**ASD-89-0.00
WAY-95-0.00**

4
10

CALCULATED
GTS
CHECKED
CAD

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UTILITIES

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

CABLE TIME WARNER CABLE DAVE ROUSH 1575 LEXINGTON AVE MANSFIELD, OH 44901 419.756.6091	WAYNE COUNTY COMMISSIONER 428 W LIBERTY ST WOOSTER, OHIO 44691 330.287.5400
CABLE ARMSTRONG UTILITES TAD SEDWICK 1215 CLAREMONT AVE ASHLAND, OHIO 44805 419.289.0161	WAYNE COUNTY ENGINEER 3151 W OLD LINCOLN WAY WOOSTER, OHIO 44691 330.287.5500
CABLE MASSILLON CABLE TELEVISION P.O. BOX 917 WOOSTER, OHIO 44691 330.345.5110	ELECTRIC
CITY CITY OF ASHLAND 206 CLAREMONT AVE ASHLAND, OHIO 44805 419.289.8622	OHIO EDISON COMPANY RICH HAAS 1717 ASHLAND ROAD MANSFIELD, OH 44095 419.521.6275
VILLAGE OF JEROMESVILLE 60 RIDGE ST JEROMESVILLE, OHIO 44840 419.368.7701	GAS COLUMBIA GAS OF OHIO JERROD SWINEHART 1021 N MAIN STREET MAINSFIELD, OH 44903
COUNTY ASHLAND COUNTY COMMISSIONERS 110 COTTAGE STREET ASHLAND, OHIO 44805 419.289.0000	TELEPHONE ALL TEL COMMUNICATIONS 2770 LEXINGTON AVE MANSFIELD, OHIO 44904 419.884.0400
ASHLAND COUNTY ENGINEER 1511 CLEVELAND AVE ASHLAND, OHIO 44805 419.282.4281	CENTURYLINK 175 ASHLAND RD PO BOX 3555 MANSFIELD, OHIO 44907 419.755.7956
	CENTURYLINK 2025 AKRON RD WOOSTER, OHIO 44691 419.460.5128

THE AFOREMENTIONED UTILITY COMPANIES AND AGENCIES HAVE VARIOUS FACILITIES IN THE AREA THAT WILL REMAIN IN PLACE DURING CONSTRUCTION.

EXTREME CAUTION SHOULD BE EXERCISED IN AREAS WITH UTILITIES. SECTIONS 105.07 AND 107.16 OF THE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS REQUIRE, AMONG OTHER THINGS, THAT THE CONTRACTOR COOPERATE WITH ALL UTILITIES LOCATED WITHIN THE LIMITS OF THIS CONSTRUCTION PROJECT AND TAKE RESPONSIBILITY FOR THE PROTECTION OF THE UTILITY PROPERTY AND SERVICES.

ITEM 254 - PATCHING PLANED SURFACE

AN ESTIMATED QUANTITY OF ITEM 254 - PATCHING PLANED SURFACE HAS BEEN SET UP TO BE USED AS DIRECTED BY THE ENGINEER AS DESCRIBED IN CMS 254.04. THE LIMIT OF THE PATCHING DEPTH IS 0 TO 2 IN.

CONSTRUCTION NOTIFICATION

THE CONTRACTOR SHALL ADVISE THE PROJECT ENGINEER A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE RESTRICTIONS, LANE CLOSURES, AND OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICE (PIO) BY EMAIL AT D03.PIO@DOT.OHIO.GOV

DISTRICT PERMIT SECTION BY FAX AT (614) 887-4318 OR EMAIL AT LOUIS.TUMBLIN@DOT.OHIO.GOV

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OR EMAIL AT HAULING.PERMITS@DOT.OHIO.GOV

THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LOCAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS, VIA MEDIA SOURCES.

ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

PROFILE ALIGNMENT

THE PROPOSED PAVEMENT RESURFACING SHALL FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. THE PROPOSED ASPHALT CONCRETE OVERLAY SHALL HAVE AN AVERAGE THICKNESS OF 1 IN.

EXISTING PLANS

EXISTING PLANS ENTITLED WAY-95-0.00 (PID#25676) AND ASD-89-0.00 (PID#25665) MAY BE INSPECTED IN THE ODOT DISTRICT 3 OFFICE IN ASHLAND.

ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B

OMIT ITEM 424 ON STRUCTURES WITH CONCRETE WEARING SURFACE.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR
ITEM 253 - PAVEMENT REPAIR

THESE ITEMS OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING PAVEMENT OR PAVED BERM WHICH MAY BE ASPHALT, BRICK, CONCRETE, OR A COMBINATION OF EACH, IN AREAS OF EXISTING PAVEMENT FAILURE. CORING HAS BEEN PERFORMED TO HELP DETERMINE THE COMPONENTS THAT MAY BE ENCOUNTERED DURING THIS ITEM OF WORK.

PAVEMENT REPAIR SHALL BE PERFORMED AFTER PAVEMENT PLANING AND BEFORE PLACEMENT OF THE INTERMEDIATE AND/OR SURFACE COURSE. THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT WITH A MAXIMUM DEPTH OF 1", BASED ON THE PAVEMENT DESIGN AND AN AVERAGE DEPTH OF 1" AND AN AVERAGE WIDTH OF 8 FT FOR ESTIMATING PURPOSES.

THE CONTRACTOR SHALL BE CAPABLE OF PERFORMING PAVEMENT REPAIRS 2 FEET WIDE.

REPLACEMENT MATERIAL SHALL BE ITEM 301 OR ITEM 442 19MM MATERIAL AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE. ITEM 301 ASPHALT CONCRETE CAN BE USED WHEN THE DEPTH OF THE REPAIR IS BETWEEN 3" AND 12" WITH A MAXIMUM PAVEMENT LIFT OF 6". ITEM 442 19MM CAN BE USED WHEN THE DEPTH OF THE REPAIR IS BETWEEN 1.5" AND 5" WITH A MAXIMUM PAVEMENT LIFT OF 3". THE CONTRACTOR HAS THE OPTION OF USING EITHER ITEM 301 OR ITEM 442 19MM MATERIAL WHEN THE PAVEMENT REPAIR IS BETWEEN 3" AND 5" DEEP. ITEM 301 SHALL USE PG64-22 ASPHALT BINDER AND ITEM 442 19MM SHALL USE PG64-28 BINDER.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. FOR PAYMENT PURPOSES ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR IS TO BE A MAXIMUM OF 4" DEEP AND ITEM 253 PAVEMENT REPAIR IS FOR DEPTHS GREATER THAN 4". PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER CUBIC YARD, (BY TICKET WEIGHT CONVERSION), OF ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR OR ITEM 253 - PAVEMENT REPAIR. THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

SR 89 ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR	1600 CY
SR 89 ITEM 253 - PAVEMENT REPAIR	90 CY

ITEM 897 - PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A

TAPER THE PLANING AT BUTT JOINT LOCATIONS AT STRUCTURES AND INTERSECTIONS AS SHOWN ON THE PAVEMENT AND SHOULDER DATA SHEET. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO ALL CATCH BASINS AND INLETS AT ALL TIMES.

THE PROGRESSION OF THE PLANING SHALL PROCEED IN SUCH A MANNER THAT NORMAL TRAFFIC WILL NOT BE REQUIRED TO RUN OVER THE PLANED ROADWAY SURFACE FOR MORE THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS. FOR EACH CALENDAR DAY BEYOND THE 14 DAYS THAT THE ROADWAY REMAINS EXPOSED TO THE PLANED SURFACE, A DISINCENTIVE FEE OF \$1500 PER DAY WILL BE ASSESSED TO THE CONTRACTOR.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT PLANING, ASPHALT CONCRETE. PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER SQUARE YARD OF ITEM 897 - PAVEMENT FINE AND MICRO PLANING.

CALCULATED	GTS	CHECKED	CAD	GENERAL NOTES	ASD-89-0.00 WAY-95-0.00	5 10

ITEM SPECIAL, MAILBOX SUPPORT SYSTEM

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL OF EXISTING NON-STANDARD MAILBOX SUPPORTS AND FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED HARDWARE IN ACCORDANCE WITH THE DETAILS SHOWN, AND ATTACHING AN OWNER SUPPLIED MAILBOX, AT LOCATIONS DETERMINED BY THE ENGINEER.

IN ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE BOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL SUPPLY ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION. SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO MAILBOXES MAY BE MOUNTED ON A SINGLE POST. [HARDWARE SHALL BE COMMERCIAL GRADE GALVANIZED STEEL.]

WOOD POSTS SHALL BE NOMINAL 4 IN. x 4 IN. (S4S) OR 4½IN. DIAMETER ROUND, AND CONFORM TO 710.14. STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 IN. I.D., AND CONFORM TO AASHTO M 181.

POSTS SHALL BE SET AS PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH THE LOCAL POST MASTER AND NOTIFYING THE PROPERTY OWNERS PRIOR TO WORK.

GROUP MAILBOX SUPPORTS SHALL BE PLACED ON 3 FT. CENTERS.

WHERE GUARDRAIL EXISTS, MAILBOXES AND THEIR SUPPORTS SHALL BE PLACED BEHIND THE GUARDRAIL. SUPPORTS MUST STILL MEET THE BREAKAWAY REQUIREMENTS LISTED ABOVE.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DESCRIBED ABOVE.

01/STR/PV:

ASD 89

ITEM SPECIAL-MAILBOX SUPPORT SYSTEM, SINGLE 9 EACH

WAY 95

ITEM SPECIAL-MAILBOX SUPPORT SYSTEM, SINGLE 5 EACH

ITEM SPECIAL-MAILBOX SUPPORT SYSTEM, DOUBLE 4 EACH

TOTAL CARRIED TO GENERAL SUMMARY: 18 EACH

MAILBOX APPROACHES

THE EXISTING MAILBOX APPROACHES SHALL BE PAVED WITH 1.00" ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B. NO PROPOSED MAILBOX APPROACHES ARE TO BE INCLUDED IN THIS PROJECT.

LOCATIONS OF MAILBOX SUPPORT SYSTEM TO BE REPLACED

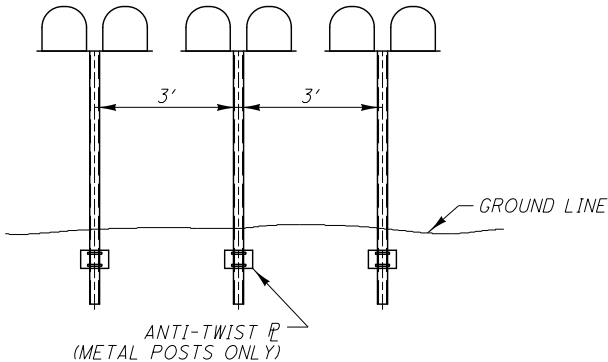
ADDRESSES AND/OR LOCATIONS OF MAILBOX SUPPORT SYSTEM TO BE REPLACED:

01/STR/PV:

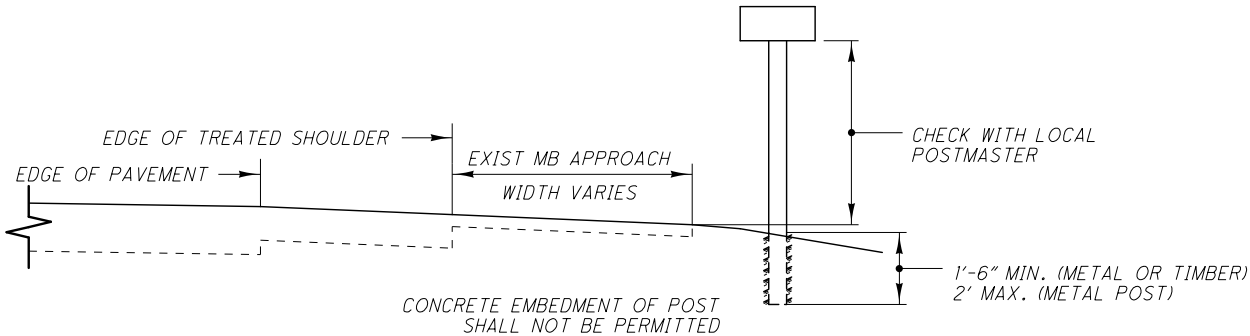
HOUSE NO.	2026	ASD-89	2.413	LT
HOUSE NO.	1656	ASD-89	6.296	RT
HOUSE NO.	1522	ASD-89	7.342	RT
HOUSE NO.	1449	ASD-89	8.467	RT
HOUSE NO.	1345	ASD-89	9.510	RT
HOUSE NO.	1251	ASD-89	10.4	RT
HOUSE NO.	1211	ASD-89	10.79	LT
HOUSE NO.	1203	ASD-89	10.88	LT
HOUSE NO.	1140	ASD-89	11.55	LT

HOUSE NO.	10740	WAY-95	0.679	RT
HOUSE NO.	823	WAY-95	2.724	LT
HOUSE NO.	733	WAY-95	3.571	LT
HOUSE NO.	5836	WAY-95	4.812	LT
HOUSE NO.	5643	WAY-95	4.97	RT
HOUSE NO.	5499	WAY-95	5.937	LT
HOUSE NO.	3858	WAY-95	6.532	LT
HOUSE NO.	3064	WAY-95	7.254	LT

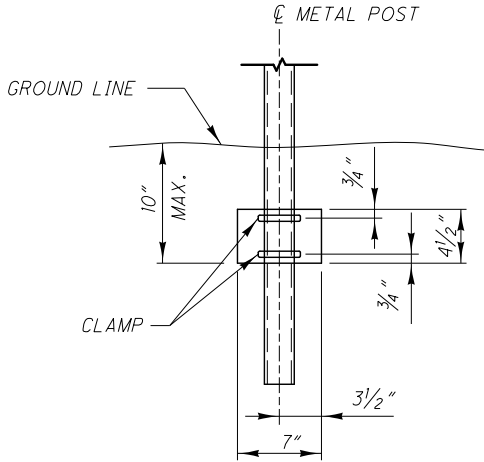
FOR DETAILS NOT SHOWN SEE STANDARD DRAWING BP-4.1



GROUP MAILBOX INSTALLATION



CROSS SECTION / ELEVATION VIEW



ANTI-TWIST PLATE

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ITEM 623 - MONUMENT BOX ADJUSTED TO GRADE

THE MONUMENT BOX TO BE ADJUSTED TO GRADE MAY OR MAY NOT HAVE AN EXISTING ADJUSTABLE FRAME. THE WORK SHALL CONSIST OF ADJUSTING THE EXISTING MONUMENT BOX TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR IS REMINDED TO FIELD CHECK ALL ADJUSTMENT TO GRADE ITEMS PRIOR TO BIDDING, AS NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR LABOR AND MATERIALS REQUIRED TO SATISFACTORILY ADJUST CASTINGS WITHOUT ADJUSTABLE FRAMES.

SHOULD THE TWO BURIED MONUMENTS NOT BE ABLE TO BE LOCATED, THEY SHALL BE REPLACED IN KIND WITH NEW MONUMENTS. THIS WORK SHALL BE PAID FOR AS INCIDENTAL TO THIS ITEM.

APPROXIMATE LOCATIONS OF KNOWN MONUMENT BOXES ARE:

ASD 89 s1m 0.00 to 12.03 (SR95 to US 42):

- SH 454 Sec M
- ASD-89-(2.38)(7.72)
- ASD-30-8.52
- ASD-89-(2.93)(3.58)
- ASD-89-(8.42)(8.76)
- ASD-89-9.00
- ASD-71-8.44
- ASD-89-10.53
- ASD-42-13.40

WAY 95 s1m 0.00 to 8.74 (ASD County line to SR 3)

- WAY-3-9.94

BUTT JOINTS

BUTT JOINTS SHALL NOT BE CUT AND LEFT OPEN TO TRAFFIC. THEY SHALL BE FILLED IN WITH A TEMPORARY ASPHALT CONCRETE WEDGE USING ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC.

CONSTRUCTION "BUMP" (W8-I-36) AND "ADVISORY SPEED" (W13-I-24) SIGNS SHALL BE ERECTED AND MAINTAINED DURING THE PERIOD THE BUTT JOINT IS LEFT OPEN. THESE SIGNS SHALL BE PAID FOR UNDER THE LUMP SUM ITEM FOR ITEM 614 MAINTAINING TRAFFIC.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO CONSTRUCT A TEMPORARY ASPHALT WEDGE FROM THE EXISTING PAVEMENT TO THE PLANED SURFACE AT BUTT JOINTS AND OTHER LOCATIONS THAT RESULT IN A DROP-OFF. BEFORE RESURFACING OF THE PAVEMENT, THE TEMPORARY WEDGE SHALL BE REMOVED AND THE COST SHALL BE CONSIDERED INCIDENTAL TO ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC.

ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 50 CU YD

INTERSECTIONS AND DRIVES

RURAL-INTERSECTIONS SHALL BE PLANED AND PAVED TO THE END OF THE RADII OR AS DIRECTED BY THE ENGINEER. (TO PROVIDE A SMOOTH TRANSITION BETWEEN THE TWO HIGHWAYS, AND TO ELIMINATE WATER POCKETS).

EXISTING PAVED DRIVES SHALL BE PAVED SO AS TO PROVIDE A SMOOTH TRANSITION BETWEEN THE HIGHWAY AND THE DRIVE, (DISTANCE FROM EDGE OF ROADWAY MAY VARY AT EACH DRIVE) AS DIRECTED BY THE ENGINEER. AN ADDITIONAL QUANTITY OF ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B HAS BEEN ESTIMATED TO COMPLETE THIS WORK AND IS SHOWN AS AN EXTRA AREA ON THE PAVEMENT & SHOULDER DATA SHEET.

EXISTING AGGREGATE DRIVES SHALL BE TREATED THE SAME AS THE MAINLINE WITH ITEM 617 COMPACTED AGGRETAGE SHOULDER TO THE SATISFACTION AND AS DIRECTED BY THE ENGINEER. NO EXTRA QUANTITY IS NEEDED.

ANY HAZARD OR UNSAFE CONDITION RESULTING FROM THE ABOVE WORK MUST BE CORRECTED IMMEDIATELY. THE CONTRACTOR IS REMINDED OF SECTIONS 105.01, 107.07 & 614.02A OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE PAVING DIMENSIONS FOR THE INTERSECTIONS ARE SHOWN IN THE CHART IN THE ADJACENT COLUMN.

ITEM 614 - WORK ZONE MARKING SIGN

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR TEMPORARY WORK ZONE MARKING SIGNS PER THE REQUIREMENTS OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS, 614.04.

WORK ZONE MARKING SIGN: (W8-H12A-36) NO EDGE LINE =	23 EACH
WORK ZONE MARKING SIGN: (R4-1-24) DO NOT PASS =	18 EACH
WORK ZONE MARKING SIGN: (R4-2-24) PASS WITH CARE =	15 EACH
WORK ZONE MARKING SIGN: (W8-1) BUMP =	8 EACH

TOTAL CARRIED TO GENERAL SUMMARY: 64 EACH

ITEM 611 - CASTINGS ADJUSTED TO GRADE

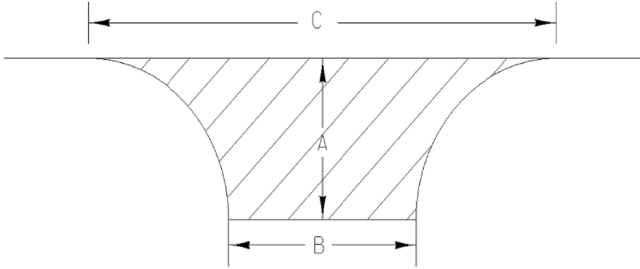
THE CASTING TO BE ADJUSTED TO GRADE MAY OR MAY NOT HAVE AN EXISTING FRAME. THE WORK SHALL CONSIST OF ADJUSTING THE EXISTING CASTING TO THE SATISFACTION OF THE ENGINEER. IT IS NOT INTENDED TO PLACE NEW FRAMES WHERE NONE CURRENTLY EXIST. THE CONTRACTOR IS REMINDED TO FIELD CHECK ALL ADJUSTMENT TO GRADE ITEMS PRIOR TO BIDDING, AS NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR LABOR AND MATERIALS REQUIRED TO SATISFACTORILY ADJUST CASTINGS WITHOUT FRAMES.

APPROXIMATE LOCATION OF KNOWN CASTINGS ARE :

ASD-89, SLM 4.93 MANHOLE (1)	ASD-89, SLM 5.15 MANHOLE (1)
ASD-89, SLM 4.93 CATCH BASIN (1)	ASD-89, SLM 5.15 CATCH BASIN (2)
ASD-89, SLM 4.97 MANHOLE (1)	ASD-89, SLM 5.18 MANHOLE (1)
ASD-89, SLM 5.00 CATCH BASIN (2)	ASD-89, SLM 5.18 WATER VALVE (3)
ASD-89, SLM 5.02 MANHOLE (1)	ASD-89, SLM 5.20 MANHOLE (1)
ASD-89, SLM 5.04 MANHOLE (2)	ASD-89, SLM 5.23 CATCH BASIN (2)
ASD-89, SLM 5.04 CATCH BASIN (4)	ASD-89, SLM 5.28 MANHOLE (1)
ASD-89, SLM 5.06 MANHOLE (1)	ASD-89, SLM 5.28 WATER VALVE (2)
ASD-89, SLM 5.08 CATCH BASIN (2)	ASD-89, SLM 5.32 MANHOLE (1)
ASD-89, SLM 5.11 MANHOLE (1)	ASD-89, SLM 5.37 MANHOLE (1)
ASD-89, SLM 5.11 CATCH BASIN (1)	

TOTAL CARRIED TO GENERAL SUMMARY: 32 CASTING

INTERSECTIONS AND DRIVES



INTERSECTION NAME	A FEET	B FEET	C FEET	AREA SQYDS	COMMENTS
SR 95 & 89	80	30	140	592	BUTT JNT., (2) 12' STOP BAR, 120' EL WHT.
MOHICAN TWP RD 2252 LT	12	24	46	42	12' STOP BAR
MOHICAN TWP RD 2150 RT	22	28	88	117	12' STOP BAR
MOHICAN TWP RD 2102 LT	28	16	68	104	12' STOP BAR
ASHLAND CNT RD 2000	32	17	110	171	12' STOP BAR
ASHLAND CNT RD 2000	18	30	75	90	12' STOP BAR
MOHICAN TWP RD 1922 LT	16	24	55	61	12' STOP BAR
US RT 30 RT	42	30	78	215	BUTT JNT., 24' STOP BAR
US RT 30 LT	50	30	70	241	BUTT JNT., 24' STOP BAR
PLUM ST RT	26	27	82	131	1CB, 1MH @ SLM 4.93
E SOUTH ST RT	14	24	35	43	1MH, CURB RAMPS OK
W SOUTH ST LT	16	24	34	49	12' STOP BAR
DIAMOND AL					NO WORK
DIAMOND AL					NO WORK
W MAIN ST RT	16	60	64	109	2CB,CURB RAMP OK, XWALK 60', SB 18'
W MAIN ST LT	16	60	64	109	1MH, XWALK 60', STOP BAR 18'
SPICE AL					NO WORK
SPICE AL					NO WORK
E NORTH ST RT	16	27	45	59	12' STOP BAR
W NORTH ST LT	16	27	45	59	12' STOP BAR
E NORTH AL RT					NO WORK
W NORTH AL LT					NO WORK
HIGHLAND AVE RT	16	27	46	59	CURB RAMP OK
WILLOW ST RT	17	20	38	49	12' STOP BAR
GLEEN ST RT	18	20	38	52	12' STOP BAR
PERRY TWP RD 395 RT	32	28	84	166	12' STOP BAR
ASHLAND CNT RE 1600 LT	30	24	72	133	12' STOP BAR
PERRY TWP RD 1600 RT	24	22	60	92	12' STOP BAR
PERRY TWP RD 1500 LT	21	22	64	84	12' STOP BAR
PERRY TWP RD 1500 RT	20	23	62	80	12' STOP BAR
US RT 250 NORTH	36	30	90	200	BUTT JNT., 27' STOP BAR
US RT 250 SOUTH	30	28	80	151	BUTT JNT., 27' STOP BAR
GREEN ACRES MHP LT	22	36	80	124	12' STOP BAR
ASHLAND CNT RD 1302 RT	26	28	78	129	14' STOP BAR
ASHLAND CNT RD 1302 LT	27	28	86	142	14' STOP BAR
PERRY TWP RD 1275 RT	22	26	54	86	14' STOP BAR
PERRY TWP RD 1275 LT	21	20	62	79	14' STOP BAR
PERRY TWP RD 1150 RT	30	22	84	142	14' STOP BAR
US RT 42	30	42	105	210	BUTT JNT., 44' STOP BAR
TOTAL INTERSECTION AREAS 4170					

INTERSECTION NAME	A FEET	B FEET	C FEET	AREA SQYDS	COMMENTS
S FUNK RD RT	16	22	65	65	12' STOP BAR
S FUNK RD LT	18	20	41	54	12' STOP BAR
CAMP ST RT	13	18	40	37	12' STOP BAR
S ELYRIA RD RT	17	32	75	87	12' STOP BAR
S ELYRIA RD LT	18	29	70	85	12' STOP BAR
BRENN RD LT	12	30	58	52	16' STOP BAR
S FIRESTONE RD RT	18	20	50	60	12' STOP BAR
S FIRESTONE RD LT	18	18	46	55	12' STOP BAR
SPRINGVILLE RD RT	10	20	34	27	10' STOP BAR
SPRINGVILLE RD LT	14	22	50	49	10' STOP BAR
S JEFFERSON RD RT	18	20	55	63	12' STOP BAR
S JEFFERSON RD LT	12	24	40	39	12' STOP BAR
S SMYSER RD RT	16	29	60	70	12' STOP BAR
S SMYSER RD LT	20	22	55	73	12' STOP BAR
BURNETTS CORNER RD RT	12	26	55	48	14' STOP BAR
TOTAL INTERSECTION AREAS 864					

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LONG LINE AND AUXILIARY PAVEMENT MARKINGS																												CALCULATED	GTS	CHECKED	CAD			
ROUTE	COUNTY	SLM		HIGHWAY MILES	614				642, TYPE 1					644																				
					WORK ZONE LANE LINE, CLASS III, 642 PAINT	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	EDGE LINE		LANE LINE	CENTER LINE		AUXILIARY MARKINGS (740.04)										SCHOOL MARKINGS										
									6"	4"				LANE ARROW																				
		TOTAL (PAY QUANTITY) (WHITE)	TOTAL (PAY QUANTITY) (WHITE)		8"	24"	12"	CROSSWALK LINE, AS PER PLAN	TRANSVERSE/DIAGONAL LINE (WHITE)	TRANSVERSE/DIAGONAL LINE (YELLOW)				PARKING LOT STALL MARKING	LEFT	RIGHT	THROUGH	COMBINATION	SHARED LANE MARKING															
FROM	TO	MILE	FT	MILE	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	FT					
01/STR/PV																																		
89	ASD	0.00	12.03	12.03		12.03		239	25.08				12.03		516	200									2									
01/STR/PV																																		
95	WAY	0.00	7.97	7.97		7.97		46	15.94				7.97		168																			
02/S<2/PV																																		
95	WAY	7.97	8.74	0.77		0.77			1.54						14																			
01/STR/PV TOTALS						20.00		285	41.02				20.00		684	200									2									
02/S<2/PV TOTALS						0.77			1.54						14																			
01/STR/PV TOTALS						20.77		285	42.56				20.00		698	200									2									
ROUTE	COUNTY	STATION/SLM		DETAIL	621	621	PRISMATIC RETRO-REFLECTOR TYPES				REMARKS										DETAIL	DESCRIPTION												
					RAISED PAVEMENT MARKER REMOVED	RPM	ONE-WAY		TWO-WAY																									
							WHITE		YELLOW / YELLOW	WHITE / RED	YELLOW / RED	BLUE / BLUE																						
		FROM	TO																															
01/STR/PV		0.00	0.20	6	29	29	16	13				STOP APPROACH @ SR 95										1	MULTILANE UNDIVIDED TYPICAL SPACING											
89	ASD	0.20	3.44	GAP	214	214		214			CONTINUOUS ROUTE TREATMENT											2	TAPERED ACCEL. LANE											
		3.44	3.84	6	54	54	32	22			STOP APPROACHES @ US 30											3	DECELERATION LANE											
		3.84	4.75	GAP	57	57		57			CONTINUOUS ROUTE TREATMENT											4	PARALLEL ACCEL LANE											
		5.43	8.84	GAP	222	222		222			CONTINUOUS ROUTE TREATMENT											5	MULTILANE DIVIDED/EXPRESSWAY											
		8.84	9.04	6	27	27	16	11			STOP APPROACH @ US 250 (S. APPROACH)											6	STOP APPROACH											
		9.04	9.24	6	27	27	16	11			STOP APPROACH @ US 250 (N. APPROACH)											7	2 LANE APPR. WITH TURN LANE											
		9.24	12.03	GAP	178	178		178			CONTINUOUS ROUTE TREATMENT											8	THROUGH APPROACH											
01/STR/PV																						9	3 LANE APPR. WITH TURN LANE											
95	WAY	0.00	6.43	GAP	430	430		430			CONTINUOUS ROUTE TREATMENT											10	3 LANE DIVIDED TO 2 LANE TRANSITION											
		6.43	6.77	15	38	38		38			CURVE											11	3 LANE UNDIVIDED TO 2 LANE TRANSITION											
		6.77	8.58	GAP	117	117		117			CONTINUOUS ROUTE TREATMENT											12	TWO LANE NARROW BRIDGE											
		8.58	8.74	6	27	27	16	11			STOP APPROACH @ SR 3											13	TWO WAY LEFT TURN LANE											
																						14	ONE LANE BRIDGE											
																						GAP	CENTER LINE AT 80 FT. TYP.											
																						NOTES: 1.) STRIP ALL LANES TO MATCH EXISTING LANE WIDTHS. 2.) PLACE WORKZONE STOP BARS AT THE FOLLOWING INTERSECTIONS: WAY-95 SR 3 ASD-89 SR95, US 30, W. MAIN ST., US 250 & US 42												
TOTAL					1,420	1,420	96	1,324																										

ASD-89-0.00

WAY-95-0.00

10

10

PAVEMENT MARKINGS / RPM

SUB-SUMMARY

PAVEMENT MARKINGS / RPM SUB-SUMMARY

ASD-89-0.00
WAY-95-0.00