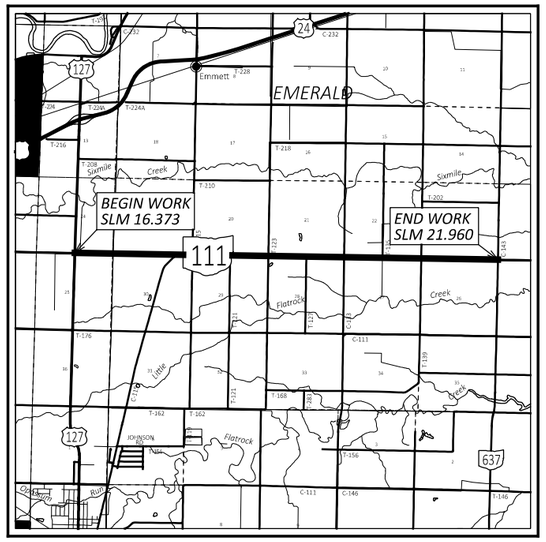
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

PAU-SR-111-16.373

PAULDING COUNTY

CRANE & EMERALD TOWNSHIPS



LOCATION MAP

LATITUDE: 41°11'40" N LONGITUDE: 84°31'47" W

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

DESIGN DESIGNATION

CURRENT ADT (2027)	*1,700*
DESIGN YEAR ADT (2047)	*1,800*
DESIGN HOURLY VOLUME (2047)	*200*
DIRECTIONAL DISTRIBUTION	*55.3%*
TRUCKS (24 HOUR B&C)	*17%*
DESIGN SPEED	*60*
LEGAL SPEED	*55*

DESIGN FUNCTIONAL CLASSIFICATION:
MAJOR COLLECTOR

NHS PROJECT ---------- *NO*

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
OHIO DEPT. OF TRANSPORTATION DISTRICT 1
1885 N MCCULLOUGH ST.
LIMA, OH 45801

INDEX OF SHEETS:

TITLE SHEET	*1*
GENERAL NOTES	*2-4*
TYPICAL SECTION	*5*
PAVEMENT SUB-SUMMARY	*6*
PAVEMENT MARKING SUB-SUMMARY & SAFTEY EDGE	*7*
GENERAL SUMMARY	*8*

FEDERAL PROJECT NUMBER

E241(097)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

REHABILITATION OF 5.587 MILES OF ROADWAY ON SR 111 IN PAULDING COUNTY INCLUDING THE REPAIR AND REPLACEMENT OF THE EXISTING TREATED SHOULDERS AND RESURFACING AND PLACING OF PAVEMENT MARKINGS.

EARTH DISTURBED AREAS

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

** -MAINTENANCE PROJECT*

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THESE IMPROVEMENTS WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND DETOURS WILL BE PROVIDED, AS INDICATED ON THE MAINTENANCE OF TRAFFIC SHEETS.

Christopher A. Hughes
Christopher A. Hughes, P.E.
District 01 Deputy Director

Pamela Boratyn
Pamela Boratyn
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS

BP-3.1	*1/21/22*	*DM-4.3*	*1/15/16*				
BP-4.1	*7/19/13*	*DM-4.4*	*1/16/16*				
MT-97.10	*4/19/19*						
MT-97.12	*1/20/17*						
MT-99.20	*4/19/19*						
MT-101.90	*7/17/20*						
MT-105.10	*1/17/20*						
TC-41.20	*10/18/13*						
TC-42.20	*10/18/13*						
TC-52.10	*10/18/13*						
TC-52.20	*1/15/21*						
TC-65.10	*1/17/14*						
TC-65.11	*1/17/25*						

SUPPLEMENTAL SPECIFICATIONS

800	*7/19/24*
832	*7/19/24*
874	*4/17/20*
875	*1/18/19*

SPECIAL PROVISIONS

ENGINEER'S SEAL

STATE OF OHIO
MARK BRUNET
E-86143
REGISTERED PROFESSIONAL ENGINEER

Digitally signed by mbrunet
DN: CN=mbrunet, OU=People, OU=D01, OU=Divisions, DC=dot, DC=state, DC=oh, DC=us
Date: 2026.11.10 11:14:21-05'00'

TITLE SHEET

DESIGN AGENCY

DESIGNER	ISR
REVIEWER	MPB 02-14-25
PROJECT ID	117046
SHEET	P.1
TOTAL	8

PAU-111-16.373

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/10/2026 TIME: 10:54:30 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Mark.Brunet@dot.ohio.gov
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UTILITIES

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER, OR ADJACENT TO, THE WORK AREA.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SEEDING AND MULCHING	400 SQ. YD.
659, COMMERCIAL FERTILIZER	0.4 TON
659, WATER	4 M. GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

EROSION CONTROL

THE QUANTITY BELOW HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR EROSION CONTROL.

ITEM 832 EROSION CONTROL = 1,000 EACH

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT.

ITEM 617 COMPACTED AGGREGATE, AS PER PLAN

THIS ITEM SHALL MEET ALL REQUIREMENTS FOR ITEM 617 COMPACTED AGGREGATE WITH THE FOLLOWING EXCEPTION:

1) NO RECYCLED ASPHALT CONCRETE PAVEMENT SHALL BE USED IN THIS ITEM

ALL COSTS ASSOCIATED WITH THE EQUIPMENT, LABOR AND MATERIALS NECESSARY FOR SUPPLYING AND PLACING THIS ITEM SHALL BE INCLUDED IN THE PRICE BID PER CUBIC YARD FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF SECTIONS XXIV AND XXXIV OF THE OHIO DEPARTMENT OF TRANSPORTATION SAFETY AND HEALTH STANDARD OPERATING PROCEDURE 220-006(SP) EFFECTIVE: NOVEMBER 1, 2018 (EXCEPT AS AMENDED BELOW) AND ALL SUBSEQUENT UPDATES POSTED AT THE FOLLOWING WEBSITE:

HTTP://WWW.DOT.STATE.OH.US/POLICY/POLICIESANDSOPS/POLICIES/220-006(SP).PDF

AMENDMENTS TO THE REQUIREMENTS OF THIS DOCUMENT ARE:

XXIV. HEAD PROTECTION (HARD HATS)
ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR APPROPRIATE HEAD PROTECTION. ALL HARD HATS MUST MEET OR EXCEED ANSI Z89.1-2009 TYPE 1, CLASS E-G REQUIREMENTS.

XXXIV. SAFETY APPAREL AND VEST (HIGH VISIBILITY)
ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR A HIGH-VISIBILTY SAFETY VEST THAT MEETS THE PERFORMANCE CLASS II OR CLASS III REQUIREMENTS OF THE ANSI/ISEA 107-2015 PUBLICATION ENTITLED "AMERICAN NATIONAL STANDARD FOR HIGH-VISIBILITY SAFETY APPAREL AND ACCESSORIES."

WORKERS MAY WEAR AN ANSI CLASS II OR ANSI CLASS III APPROVED RAIN SUIT, JACKET OR OTHER APPAREL WITHOUT A SAFETY VEST OVER IT.

WORKERS MUST WEAR THE REQUIRED PPE AS DESCRIBED IN THE LATEST EDITION OF THE CSXT PUBLIC PROJECTS MANUAL, AT ALL TIMES WHILE WORKING WITHIN THE CSXT RIGHT OF WAY.

WORK ZONE MARKINGS AND SIGNS

ERECT A GROOVED PAVEMENT SIGN 250 FEET IN ADVANCE OF ANY SECTION OF ROADWAY WHERE TRAFFIC MUST TRAVEL ON A PLANED SURFACE. ENSURE THESE SIGNS ARE IN PLACE BEFORE OPENING THE ROADWAY TO TRAFFIC. ERECT THESE SIGNS AT INTERSECTIONS OF THROUGH ROUTES TO WARN TRAFFIC OF THIS SURFACE CONDITION. PAYMENT FOR THESE SIGNS TO BE INCLUDED IN ITEM 614 MAINTAINING TRAFFIC.

ERECT A NO EDGE LINES SIGN IN ADVANCE OF ANY SECTION OF ROADWAY LACKING STANDARD EDGE LINE MARKINGS. ERECT A DO NOT PASS SIGN AT THE BEGINNING AND A PASS WITH CARE SIGN AT THE END OF EACH NO PASSING ZONE LACKING STANDARD CENTER LINE MARKINGS. ENSURE THESE SIGNS ARE IN PLACE BEFORE OPENING THE ROADWAY TO TRAFFIC. PAYMENT FOR THESE SIGNS TO BE INCLUDED IN ITEM 614 WORK ZONE MARKING SIGN.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF CMS 614.04, 614.055 AND 614.11.

ITEM 614, WORK ZONE MARKING SIGN	12 EACH
ITEM 614, WORK ZONE CENTER LINE, CLASS I	5.59 MILES
ITEM 614, WORK ZONE CENTER LINE, CLASS II	11.18 MILES

EXTRA AREAS

EXTRA AREAS SHALL INCLUDE DRIVEWAYS, MAILBOX PULL-OFFS AND OTHER SIMILAR AREAS AS DETERMINED BY THE ENGINEER. DRIVEWAYS SHALL BE FEATHERED IN APPROXIMATELY 6 FEET USING ASPHALT CONCRETE. SOME DRIVES MAY REQUIRE MORE THAN 6 FEET TO ALLOW FOR ADEQUATE TRANSITION TO THE MAINLINE PAVEMENT. THESE TRANSITIONS WILL BE AS DIRECTED BY THE ENGINEER. THE ASPHALT CONCRETE QUANTITIES FOR DRIVES AND MAILBOXES ARE INCLUDED IN THE EXTRA AREA QUANTITIES IN THE PAVEMENT DATA TABLE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATING OF MATERIALS FROM ALL STONE DRIVEWAYS AND MAILBOX APPROACHES TO MAINTAIN THE EXISTING ASPHALT APRON WIDTHS, AS DETERMINED BY THE ENGINEER, EXCAVATE TO A DEPTH OF 2 INCHES BELOW EXISTING PAVEMENT. EXCAVATED MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN RESPONSIBILITY OUTSIDE THE LIMITS OF THE HIGHWAY RIGHT OF WAY.

ALL WORK, MATERIALS, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE ABOVE DESCRIBED WORK SHALL BE INCIDENTAL TO THE PLACEMENT OF THE ASPHALT CONCRETE. THE ASPHALT CONCRETE QUANTITIES FOR DRIVEWAYS, MAILBOX PULL-OFFS AND OTHER SIMILAR AREAS ARE INCLUDED IN THE EXTRA AREA QUANTITIES IN THE PAVEMENT DATA TABLE.

ITEM 209 PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN.

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

PRIOR TO PAVING THE SAFETY EDGE, GRADE AN AREA 10 INCHES (250 MM) WIDE, BEGINNING AT THE EDGE OF THE PAVED ROADWAY, TO PROVIDE A LEVEL SURFACE FREE OF VEGETATION FOR CONSTRUCTION OF THE SAFETY EDGE. IF NECESSARY, EXCAVATE THE GRADED AREA TO THE DEPTH NEEDED TO CONSTRUCT THE SAFETY EDGE. COMPACT THE GRADED SHOULDER ACCORDING TO 617.05, OR AS DIRECTED BY THE ENGINEER.

A QUANTITY OF 11.18 MILES HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN.

SAFETY EDGE PLAN NOTE

IN ADDITION TO THE REQUIREMENTS OF 401.12, ATTACH A DEVICE TO THE SCREED OF THE PAVER THAT CONFINES THE MATERIAL AT THE END GATE AND EXTRUDES THE ASPHALT MATERIAL IN SUCH A WAY THAT RESULTS IN A COMPACTED WEDGE SHAPE PAVEMENT EDGE OF APPROXIMATELY 30 DEGREES (NOT STEEPER THAN 40 DEGREES). ENSURE THE DEVICE MAINTAINS CONTACT WITH THE EXISTING SURFACE, AND ALLOW FOR AUTOMATIC TRANSITION TO CROSS ROADS, DRIVEWAYS AND OBSTRUCTIONS. DO NOT USE CONVENTIONAL SINGLE PLATE STRIKE OFF.

CONSTRUCTION OF SAFETY EDGE CAN BE OMITTED AT LOCATIONS WHERE EXISTING WIDTH OF GRADED SHOULDER OR BERM IS LESS THAN 12". PROJECTS WITH VARYING CONDITIONS SHOULD USE SAFETY EDGE WHERE POSSIBLE. PLAN PREPARATION HAS MADE EVERY REASONABLE ATTEMPT TO IDENTIFY POSSIBLE SAFETY EDGE LOCATIONS.

USE THE TRANSTECH SHOULDER WEDGE MAKER, THE CARLSON SAFETY EDGE END GATE, THE ADVANT-EDGER, THE RAMP CHAMP SERIES II WITH SAFETY EDGE SHOE, THE TROXLER SAFETSLOPE, OR A SIMILAR APPROVED-EQUAL DEVICE THAT PRODUCES THE SAME WEDGE CONSOLIDATION RESULTS. CONTACT INFORMATION FOR THESE WEDGE SHAPE COMPACTION DEVICES IS THE FOLLOWING:

TransTech Systems, Inc.
1594 State Street
Schenectady, NY 12304
1-800-724-6306
www.transtechsys.com

Carlson Safety Edge End Gate
18425 50th Avenue East
Tacoma, WA 98446
253-875-8000
www.carlsonpavingproducts.com

Advant-Edge Paving Equipment LLC
33 Old Niskayuna Rd.
Loudonville, NY 12211
814-422-EDGE (3343)
www.advantedgepaving.com

Troxler Electronic Laboratories, Inc.
3008 E. Cornwallis Rd.
PO Box 12057
Research Triangle Park, NC 27709
1-877-TROXLER (876-9537)
www.troxlerlabs.com

IF ELECTING TO USE A SIMILAR DEVICE, PROVIDE PROOF THAT THE DEVICE HAS BEEN USED ON PREVIOUS PROJECTS WITH ACCEPTABLE RESULTS OR CONSTRUCT A TEST SECTION PRIOR TO THE BEGINNING OF WORK AND DEMONSTRATE WEDGE COMPACTION TO THE SATISFACTION OF THE ENGINEER. SHORT SECTIONS OF HANDWORK WILL BE ALLOWED WHEN NECESSARY FOR TRANSITIONS AND TURNOUTS OR OTHERWISE AUTHORIZED BY THE ENGINEER.

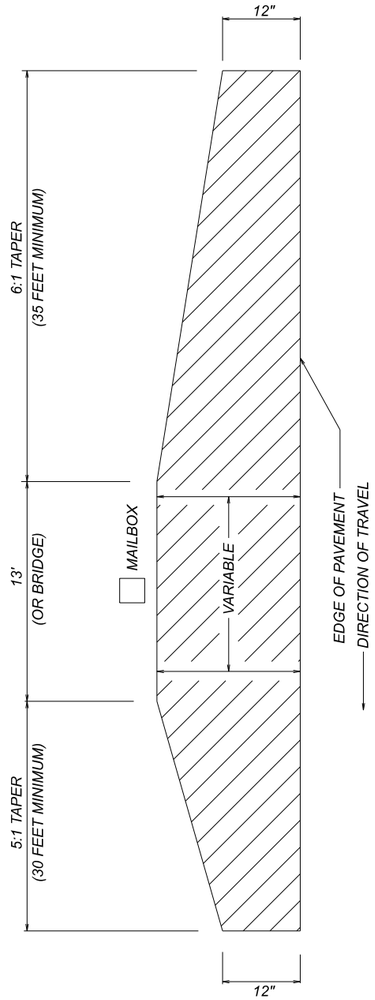
IN ADDITION TO THE REQUIREMENTS OF 401.16, MAKE THE FIRST ROLLER PASS 8 TO 12 INCHES (200 TO 300 MM) AWAY FROM TAPERED EDGE. DO NOT ROLL THE TAPER.

GENERAL NOTES

DESIGN AGENCY

DESIGNER ISR
REVIEWER MPB 02-14-25
PROJECT ID 117046
SHEET P.2 TOTAL 8

PAU-111-16.373
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PAVEMENT MARKING LOCATIONS

UNLESS OTHERWISE NOTED, PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF EXISTING PAVEMENT MARKINGS. PRIOR TO STARTING THE WORK, THE CONTRACTOR AND THE PROJECT ENGINEER SHALL CONFIRM THE LOCATIONS OF PROPOSED PAVEMENT MARKINGS.

ITEM 253 PAVEMENT REPAIR

THIS ITEM 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.

THE ENGINEER SHALL DESIGNATE THE LOCATIONS AND LIMITS OF THE AREAS TO BE REPAIRED. THE REPAIR AREAS SHALL BE ROUGHLY RECTANGULAR IN SHAPE AND CUT OR SAWED TO A NEAT LINE. THE PAVEMENT SHALL BE REMOVED WITHIN THE DESIGNATED AREAS BY METHODS WHICH WILL NOT DAMAGE THE ADJACENT PAVEMENT. THE DEPTH OF REMOVAL, AS DIRECTED BY THE ENGINEER, SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT. THE MATERIALS SO REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH 203.01.

THE VERTICAL FACES OF THE REPAIR AREA SHALL BE TACKED PRIOR TO PLACING THE 301 FOR ITEM 253 PAVEMENT REPAIR. THIS MATERIAL SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT EXISTING PAVEMENT SURFACE PRIOR TO PLACING THE PROPOSED ASPHALT CONCRETE OVERLAY. ALL COMPACTION SHALL BE ACHIEVED BY MECHANICAL METHODS TO THE SATISFACTION OF THE ENGINEER.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. AN ESTIMATED QUANTITY IS PROVIDED IN THE SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE AT THE UNIT PRICE BID PER CUBIC YARD OF ITEM 253 PAVEMENT REPAIR.

253 PAVEMENT REPAIR	*80 CUBIC YARD*

THE ABOVE ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER. IT IS ESTIMATED THE REPAIRS WILL BE APPROXIMATELY 6 INCHES DEEP AND BE MOSTLY LONGITUDINAL REPAIRS. THE ESTIMATED WIDTH OF THESE REPAIRS ARE APPROXIMATELY 4 FEET. THE ESTIMATED LENGTHS OF REPAIRS WILL BE BETWEEN APPROXIMATELY 50 FEET TO 150 FEET.

FULL WIDTH PAVING (ECHELON PAVING)

ASPHALT CONCRETE SHALL BE PLACED AT FULL WIDTH OF PAVEMENT. INSTEAD OF FULL WIDTH PAVING, THE CONTRACTOR MAY USE HOT JOINT CONSTRUCTION USING MULTIPLE PAVERS. THE PAVING OPERATION SHALL OCCUR UNDER FULL ROADWAY CLOSURE.

GENERAL NOTES

DESIGN AGENCY

DESIGNER ISR

REVIEWER MPB 02-14-25

PROJECT ID 117046

SHEET P.3 TOTAL 8

PAU-111-16.373

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ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 60 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON THIS SHEET.
A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF $4500 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE.

NOTICE OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

SR 111 WILL BE CLOSED
FOR 60 DAYS
INFO: 419-999-6872

W20-H13-60

NOTE: THE CONTRACTOR IS TO SUPPLY THE DATE

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

BEGIN PROJECT SR 111
INTERSECTION OF SR 111 & RD-115
INTERSECTION OF SR 111 & RD-115
INTERSECTION OF SR 111 & RD-115
INTERSECTION OF SR 111 & RD-119
INTERSECTION OF SR 111 & RD-121
INTERSECTION OF SR 111 & RD-123
INTERSECTION OF SR 111 & RD-123
INTERSECTION OF SR 111 & RD-127
INTERSECTION OF SR 111 & RD-133
INTERSECTION OF SR 111 & RD-133
INTERSECTION OF SR 111 & RD-135
INTERSECTION OF SR 111 & RD-139
INTERSECTION OF SR 111 & RD-139
INTERSECTION OF SR 111 & RD-143
INTERSECTION OF SR 111 & SR 637
INTERSECTION OF SR 111 & RD-143
END PROJECT SR 111

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

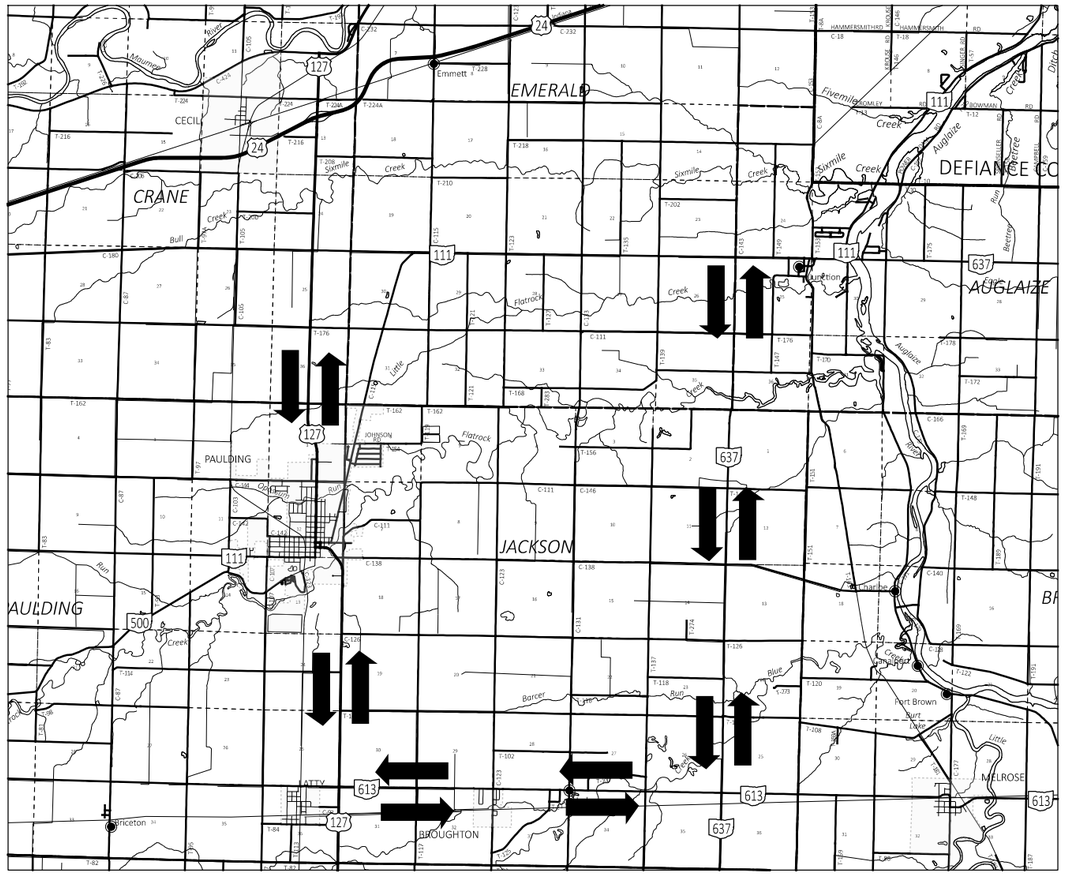
INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES AND RESTRICTIONS	> = 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 1¼" INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY WHERE LOCAL TRAFFC IS MAINTAINED FOR ACCESS TO ADJACENT PROPERTY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.



N

SR 111 DETOUR MAP

SCALE IN MILES
0 1 2 4

OFFICIAL SIGNED DETOUR FOR SR 111
(PAU MM 16.373 TO MM 21.960)

MAINTENANCE OF TRAFFIC GENERAL NOTES

DESIGN AGENCY

DESIGNER ISR
REVIEWER MPB 02-14-25
PROJECT ID 117046
SHEET P.4 TOTAL 8

PAU-111-16.373

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NOTE: DRAWINGS NOT TO SCALE

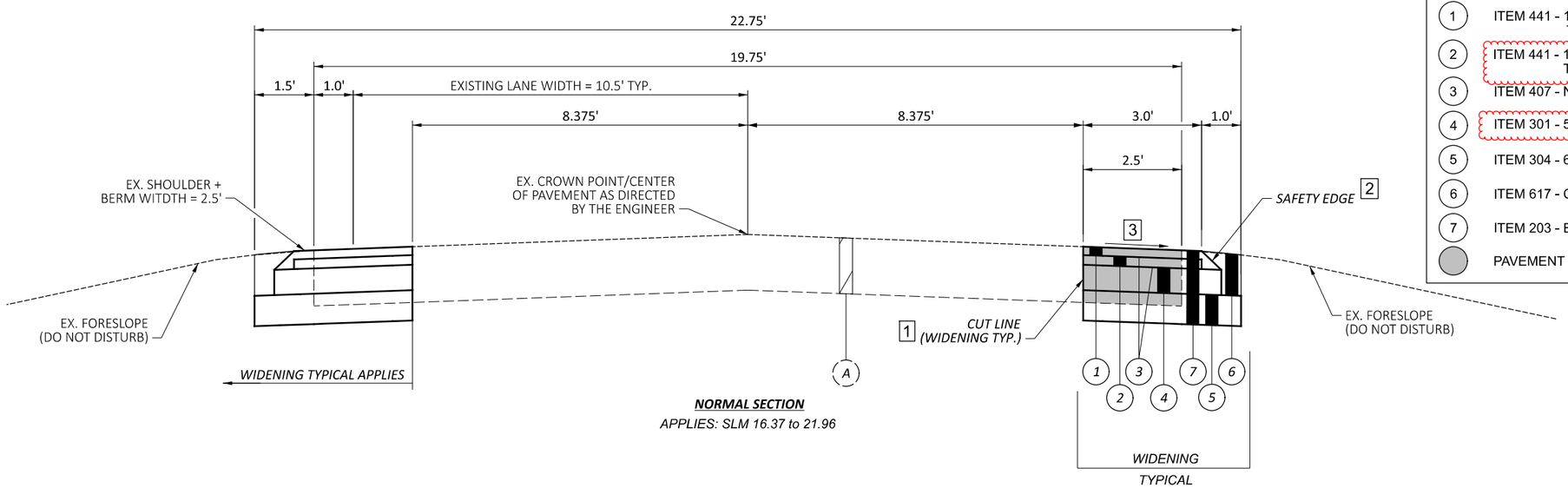


NOTES:

1 *THE EXISTING PAVEMENT EDGES SHALL BE CUT TO LOCATE A SOUND PAVEMENT EDGE AS PER CMS 203.04.E. THE CONTRACTOR SHALL PROVIDE A NEAT LINE AS OUTLINED IN THE REFERENCED CMS SPECIFICATION ABOVE.*

2 *SEE SAFETY EDGE DETAIL AND NOTES FOR ADDITIONAL INFORMATION AND QUANTITIES.*

3 *MATCH EXISTING ASPHALT CROSS SLOPE. ADJUST STONE SHOULDER CROSS SLOPES TO TIE INTO EXISTING EDGE OF SHOULDER ELEVATIONS.*



NORMAL SECTION

APPLIES: SLM 16.37 to 21.96

PROPOSED PAVEMENT LEGEND

1	ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22
2	ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (449)
3	ITEM 407 - NON TRACKING TACK COAT
4	ITEM 301 - 5 1/2" ASPHALT CONCRETE BASE, PG64-22 (449)
5	ITEM 304 - 6" AGGREGATE BASE
6	ITEM 617 - COMPACTED AGGREGATE (2" AVERAGE THICKNESS)
7	ITEM 203 - EXCAVATION
	PAVEMENT REMOVED AS ITEM 203 EXCAVATION

EXISTING PAVEMENT LEGEND

A	~13" ASPHALT CONCRETE

TYPICAL SECTION

DESIGN AGENCY

DESIGNER ISR

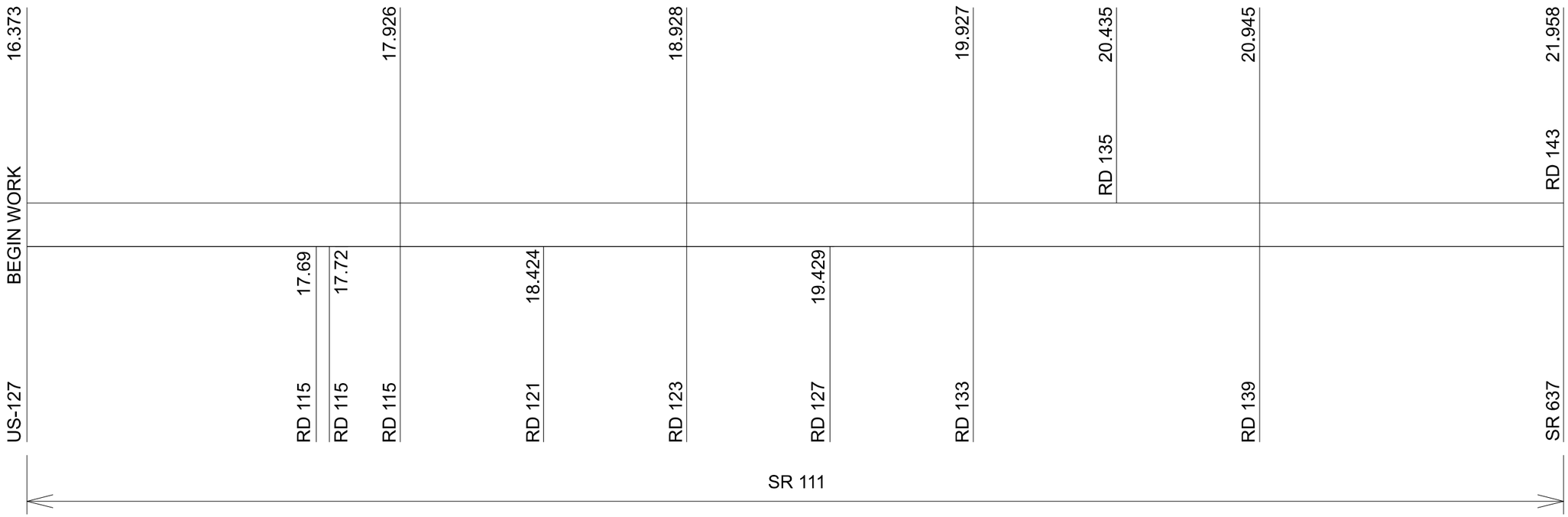
REVIEWER MPB 02-14-25

PROJECT ID 117046

SHEET P.5 TOTAL 8

PAU-111-16.373

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PAVEMENT DATA

ROUTE	FROM	TO	DISTANCE		PAVT WIDTH	TYPICAL SECTION	PLAN SPLITS	PAVT AREA	203	254		407	441		301	304		617	875
									EXCAVATION	PAVEMENT PLANING, ASPHALT CONCRETE	PATCHING PLANED, ASPHALT CONCRETE	NON TRACKING TACK COAT	ASPHALT CONCRETE SURFACE COURSE TYPE 1 (448), PG64-22	ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2 (449)	ASPHALT CONCRETE BASE, PG64-22 (449)	AGGREGATE BASE	AGGREGATE BASE	COMPACTED AGGREGATE AS PER PLAN	LONGITUDINAL JOINT ADHESIVE
									THICKNESS 14 ½"	THICKNESS 3"	2% PLANED AREA		THICKNESS 1 ¼"	THICKNESS 1 ¾"	THICKNESS 5 ½"	QUANITY FOR DRIVEWAYS	THICKNESS 6"	2 INCH AVG. TH.	1 LB. PER 5FT.
	SLM	SLM	MILES	FEET	FEET			SY	CY	SY	SY	GAL	CY	CY	CY	CY	CY	CY	LB
Edge Repair:																			
SR 111	16.37	21.96	5.59	29499	6.00	1	01/STR/04	19666	10561			1672	683	956	3505	30	4370	1391	11806
Extra Areas							01/STR/04	240				20	8	5					
Saftey Edge							01/STR/04						82						
Mill & Fill:																			
SR 111	16.37	21.96	5.59	29515	16.75	1	01/STR/04	54931		54931	1099	4669	1907	2670					5903
TOTALS							01/STR/04	74837	10561	54931	1099	6361	2680	3631	3505	30	4370	1391	17709

NOTE: ALL PAVEMENT QUANTITIES CARRIED TO GENERAL SUMMARY (SHEET 8).

PAVEMENT DETAILS SUB-SUMMARY

DESIGN AGENCY

DESIGNER ISR

REVIEWER MPB 02-14-25

PROJECT ID 117046

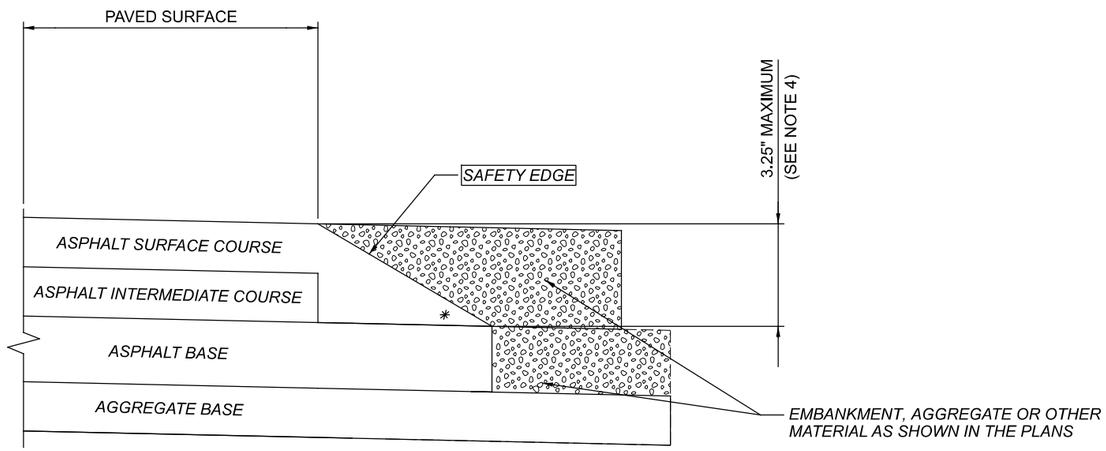
SHEET P.6 TOTAL 8

PAU-111-16.373

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ROUTE	FROM	TO	DISTANCE		PLAN SPLITS	621		642		644
						RPM	RPM REMOVED	CENTER LINE	EDGE LINE	STOP LINE
	SLM	SLM	MILES	FEET		EACH	EACH	MILE	MILE	FEET
SR 111	16.37	21.96	5.59	29515	01/STR/04	369	369	5.59	11.18	46
TOTALS						369	369	5.59	11.18	46

NOTE: ALL PAVEMENT MARKING QUANTITIES CARRIED TO GENERAL SUMMARY (SHEET 8).



HALF SECTION
NEW CONSTRUCTION

TYPICAL SECTION 3

N.T.S.

NOTES:

1.) SAFETY EDGES ARE REQUIRED AT THE OUTSIDE EDGES OF THE PAVED ROADWAY (EDGE OF TRAVEL LANE OR EDGE OF PAVED SHOULDER).

2.) CONSTRUCT THE SAFETY EDGE THE FULL ASPHALT CONCRETE OVERLAY THICKNESS OR 2.5" (63MM) WHICHEVER IS GREATER, NOT TO EXCEED THE MAXIMUM SAFETY EDGE THICKNESS OF 6" (150MM). CONSTRUCT A NEAR-VERTICAL FACE BELOW THE SAFETY EDGE FOR THICKNESS GREATER THAN 6" (150 MM).

3.) BLADE AND SHAPE EXISTING SHOULDER MATERIAL TO FORM A UNIFORM SURFACE UNDER THE SAFETY EDGE PRIOR TO PLACEMENT OF THE ASPHALT CONCRETE OVERLAY.

4.) FOR NEW PAVEMENT CONSTRUCT THE SAFETY EDGE THE FULL THICKNESS OF THE SURFACE AND INTERMEDIATE COURSES, NOT TO EXCEED 3.25" (82 MM).

** 40° MAX*

PAVEMENT MARKING SUB-SUMMARY & SAFTEY EDGE

DESIGN AGENCY

DESIGNER ISR

REVIEWER MPB 02-14-25

PROJECT ID 117046

SHEET P.7 TOTAL 8

PAU-111-16.373

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 11/10/2026 TIME: 10:54:01 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: Mark.Brunet@dot.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 117046 PRODUCT: OpenRoadsDesigner 24.00.00.205
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SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	2	3	4	6	7								01/STR/04						
																		ROADWAY	
				10,561									10,561	203	10000	10,561	CY	EXCAVATION	
	11.18												11.18	209	72051	11.18	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	2
																		EROSION CONTROL	
	400												400	659	10000	400	SY	SEEDING AND MULCHING	
	0.4												0.4	659	20000	0.4	TON	COMMERCIAL FERTILIZER	
	4												4	659	35000	4	MGAL	WATER	
	1,000												1,000	832	30000	1,000	EACH	EROSION CONTROL	
																		PAVEMENT	
		80											80	253	02000	80	CY	PAVEMENT REPAIR	
				54,931									54,931	254	01000	54,931	SY	PAVEMENT PLANING, ASPHALT CONCRETE	
				1,099									1,099	254	01600	1,099	SY	PATCHING PLANED SURFACE	
				3,505									3,505	301	56000	3,505	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
				4,370									4,370	304	20000	4,370	CY	AGGREGATE BASE	
				2,680									2,680	441	50000	2,680	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
				3,631									3,631	441	70300	3,631	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	
				1,391									1,391	617	10101	1,391	CY	COMPACTED AGGREGATE, AS PER PLAN	2
				17,709									17,709	875	10000	17,709	LB	LONGITUDINAL JOINT ADHESIVE	
				6,361									6,361	407	20000	6,361	GAL	NON-TRACKING TACK COAT	
																		TRAFFIC CONTROL	
					369								369	621	00100	369	EACH	RPM	
					369								369	621	54000	369	EACH	RAISED PAVEMENT MARKER REMOVED	
					11.18								11.18	642	00104	11.18	MILE	EDGE LINE, 6", TYPE 1	
					5.59								5.59	642	00300	5.59	MILE	CENTER LINE, TYPE 1	
					46								46	644	00500	46	FT	STOP LINE	
																		MAINTENANCE OF TRAFFIC	
	12												12	614	12460	12	EACH	WORK ZONE MARKING SIGN	
	5.59												5.59	614	21000	5.59	MILE	WORK ZONE CENTER LINE, CLASS I	
	11.18												11.18	614	21400	11.18	MILE	WORK ZONE CENTER LINE, CLASS II	
																		INCIDENTALS	
			LS										LS	614	11000	LS		MAINTAINING TRAFFIC	
			LS										LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

PAU-111-16.373

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DESIGN AGENCY

DESIGNER ISR

REVIEWER MPB 02-14-25

PROJECT ID 117046

SHEET P.8 TOTAL 8