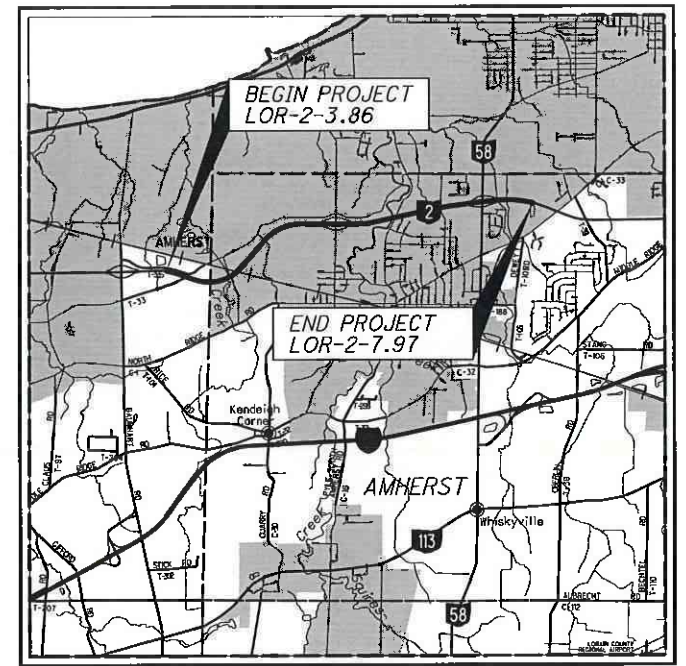


LOR - SR-SR 2-03.86
200445 PID - 77537
Dist 3 8/27/2020

Contract Proposal available @
www.contracts.dot.state.oh.us

I:\ProjectData\77537_Design\Roadway\Sheets\77537_GT001.dgn Sheet 5/18/2020 3:08:33 PM ksalay



LOCATION MAP

LATITUDE: 40°55'38"N LONGITUDE: 81°59'14"



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

DESIGN DESIGNATION: SEE SHEET 2

DESIGN EXCEPTIONS
NONE REQUIRED

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LOR-2-3.86

CITY OF AMHERST BROWNHELM TOWNSHIP

LORAIN COUNTY

PROJECT DESCRIPTION

THIS PROJECT WILL INCLUDE PAVEMENT REPAIRS, PLANING AND PAVING WITH ASPHALT CONCRETE, GUARDRAIL REPAIRS, PAVEMENT MARKINGS AND STRUCTURE MAINTENANCE.

EARTH DISTURBED AREAS

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

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES 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 AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED:
DATE: 8/27/2020 DISTRICT DEPUTY DIRECTOR

APPROVED:
DATE: 6/4/2020 DIRECTOR, DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS:

TITLE SHEET	1	GUARDRAIL DETAILS	21-29
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TYPICAL SECTIONS	5-6	RPM SUB-SUMMARY	31
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GUARDRAIL NOTES	9	STRUCTURE SUB-SUMMARY	33
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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)

ENGINEERS SEAL:

SIGNED:
DATE: 5/26/20

STANDARD CONSTRUCTION DRAWINGS											SUPPLEMENTAL SPECIFICATIONS	
BP-2.5	7/19/13	MGS-1.1	1/19/18	MT-95.30	7/19/19	TC-41.20	10/18/13				800	7/17/20
BP-3.1	1/17/20	MGS-2.1	1/19/18	MT-95.50	7/21/17	TC-42.20	10/18/13				807	4/17/20
BP-5.1	1/18/19	MGS-3.1	1/19/18	MT-98.10	1/17/20	TC-52.10	10/18/13				808	1/18/19
BP-9.1	1/18/19	MGS-3.2	1/18/13	MT-98.11	1/17/20	TC-52.20	7/20/18				821	4/20/12
		MGS-4.2	7/19/13	MT-98.20	4/19/19	TC-61.30	7/19/19				832	10/19/18
		MGS-6.1	1/19/18	MT-98.22	1/17/20	TC-65.10	1/17/14				850	4/17/20
DM-4.3	1/15/16	MGS-6.2	7/19/19	MT-98.28	1/17/20	TC-65.11	7/21/17				921	4/20/12
DM-4.4	1/15/16			MT-98.29	1/17/20	TC-71.10	1/19/18					
				MT-98.20	4/19/19	TC-72.20	7/20/18					
				MT-101.60	1/17/20	TC-82.10	7/19/19					
				MT-101.90	1/21/17							
				MT-104.10	10/16/15							
				MT-105.10	1/17/20							

SPECIAL PROVISIONS

PLANS PREPARED BY:
 OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT THREE ENGINEERING

FEDERAL PROJECT NO. E040771

CONSTRUCTION PROJECT NO. 77537

RAILROAD INVOLVEMENT NORFOLK SOUTHERN

LOR-2-3.86

1
37

UTILITIES

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

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

CABLE
WIDE OPEN WEST
105 BLAZE INDUSTRIAL PKWY
BEREA, OH 44017
866.496.9669

CABLE
CHARTER COMMUNICATIONS
5520 WHIPPLE AVENUE NW
NORTH CANTON, OH 44720
330.494.9200

CITY
CITY OF AMHERST
206 SOUTH MAIN
AMHERST, OHIO 44001
440-984-4380

CITY
CITY OF LORAIN
200 W. ERIE AVENUE
LORAIN, OH 44052
440.204.2003

COMMUNICATION
CENTURYLINK
175 ASHLAND ROAD, P.O. BOX 3555
MANSFIELD, OH 44907
419.755.7956

COMMUNICATION
EVERSTREAM SOLUTIONS
800 W ST CLAIR, 2ND FLOOR
CLEVELAND, OH 44113
216.581.7972

COMMUNICATION
LEVEL 3 COMMUNICATIONS
106 SOUTH ARLINGTON STREET
AKRON, OH 44306
740.275.1133

COMMUNICATION
VERIZON BUSINESS
120 RAVINE STREET
AKRON, OH 44303
330.253.8267

ELECTRIC
OHIO EDISON
1717 ASHLAND ROAD
MANSFIELD, OH 44905
419.521.6213

GAS
COLUMBIA GAS OF OHIO
1021 N MAIN STREET
MANSFIELD, OH 44903
419.528.1137

GAS
KNOX ENERGY
11872 WORTHINGTON RD
PATASKALA, OH 43062
740.927.6731

GAS
TC ENERGY
589 N STATE ROAD
MEDINA, OH 44256
330.721.4163

TRAFFIC
ODOT DISTRICT THREE
906 CLARK AVENUE
ASHLAND, OH 44805
419.207.7045

WATER
NORTHERN OHIO RURAL WATER
P.O. BOX 96
COLLINS, OH 44826
419.668.7213

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.

EXISTING PLANS

EXISTING PLANS ENTITLED LOR-254-0.00 B (LOR-2-3.31-7.97) (1964) MAY BE INSPECTED IN THE ODOT DISTRICT 3 OFFICE IN ASHLAND.

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.

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 AND ALIGNMENT

PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. (PREVIOUS CONSTRUCTION PLANS SHOWING THE ORIGINAL ALIGNMENT AND PROFILE, ARE AVAILABLE FOR INSPECTION AT THE ODOT DISTRICT 3 OFFICE). PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

ITEM 209 - LINEAR GRADING

THE CONTRACTOR IS REQUIRED TO PERFORM LINEAR GRADING ON THE GRADED SHOULDER. IT IS ANTICIPATED THAT THERE ARE AREAS WHERE THE GRADED SHOULDER IS AT A HIGHER ELEVATION THAN THE ADJACENT PROPOSED PAVEMENT. A 10:1 SLOPE SHALL BE ESTABLISHED, OR AS DIRECTED BY THE ENGINEER, WHEN PERFORMING ITEM 209 LINEAR GRADING. THE INTENT IS TO PROVIDE AN UNOBSTRUCTED AND POSITIVE FLOW OF STORM WATER FROM THE PAVEMENT TO THE DITCH. THE LINEAR GRADING SHALL BE PERFORMED AFTER THE INTERMEDIATE COURSE HAS BEEN COMPLETED AND BEFORE THE SURFACE COURSE IS PLACED. ALL LABOR AND EQUIPMENT NECESSARY TO PERFORM THE ABOVE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID PER MILE FOR ITEM 209 - LINEAR GRADING.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE)

ITEM 253 - PAVEMENT REPAIR

THESE ITEMS OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING ASPHALT CONCRETE PAVEMENT IN AREAS OF EXISTING PAVEMENT FAILURE. CORING HAS BEEN PERFORMED TO HELP DETERMINE THE COMPONENTS THAT MAY BE ENCOUNTERED DURING THIS ITEM OF WORK. THE PAVEMENT CORING INFORMATION IS SHOWN ON THIS SHEET.

PAVEMENT REPAIR SHALL BE PERFORMED BEFORE PAVEMENT PLANING AND PLACEMENT OF THE INTERMEDIATE AND SURFACE COURSES. THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT WITH AN AVERAGE DEPTH OF 6" FOR ESTIMATING PURPOSES.

THE CONTRACTOR SHALL BE CAPABLE OF PERFORMING PAVEMENT REPAIRS 4 FEET WIDE FOR TRANSVERSE REPAIRS AND 2 FEET WIDE FOR LONGITUDINAL REPAIRS.

REPLACEMENT MATERIAL SHALL BE ITEM 301 AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. FOR PAYMENT PURPOSES ITEM 251 PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) IS TO BE A MAXIMUM OF 6" DEEP AND ITEM 253 PAVEMENT REPAIR IS FOR DEPTHS GREATER THAN 6". PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER CUBIC YARD, (BY TICKET WEIGHT CONVERSION), OF ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) OR ITEM 253 - PAVEMENT REPAIR.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE): SEE SHEET 19 FOR ESTIMATED QUANTITIES AND LOCATIONS. THE FINAL LOCATION AND SIZE OF THE REPAIRS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER. IN ADDITION TO THE QUANTITIES PROVIDED ON SHEET 19, THE FOLLOWING ADDITIONAL ESTIMATED QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:
ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL): 325 CY
ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE): 100 CY

ITEM 253 - PAVEMENT REPAIR:
THE FOLLOWING ESTIMATED QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:
ITEM 253 - PAVEMENT REPAIR: 100 CY

PAVEMENT CORING INFORMATION

COUNTY	ROUTE	SLM	ASPHALT	CONCRETE	BRICK	LOCATION	DIRECTION	YEAR CORED
LOR	2	4.0	9.0	8.0	0.0	LT. WHEEL PATH	EB	2019
LOR	2	4.0	7.5	9.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	4.0	13.0	0.0	0.0	SHOULDER	EB	2019
LOR	2	4.6	8.0	8.5	0.0	CENTER OF LANE	EB	2019
LOR	2	4.6	9.0	9.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	4.6	12.0	0.0	0.0	SHOULDER	EB	2019
LOR	2	5.0	8.0	9.0	0.0	CENTER OF LANE	EB	2019
LOR	2	5.0	10.0	6.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	5.0	10.0	0.0	0.0	SHOULDER	EB	2019
LOR	2	5.7	7.0	9.0	0.0	CENTER OF LANE	EB	2019
LOR	2	5.7	7.0	9.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	5.7	13.0	0.0	0.0	SHOULDER	EB	2019
LOR	2	6.0	7.5	8.0	0.0	CENTER OF LANE	EB	2019
LOR	2	6.0	6.0	8.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	6.0	13.0	0.0	0.0	SHOULDER	EB	2019
LOR	2	6.5	8.0	10.5	0.0	CENTER OF LANE	EB	2019
LOR	2	6.5	8.0	10.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	6.5	15.0	0.0	0.0	SHOULDER	EB	2019
LOR	2	7.1	7.0	8.5	0.0	CENTER OF LANE	EB	2019
LOR	2	7.1	6.5	9.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	7.1	9.0	0.0	0.0	SHOULDER	EB	2019
LOR	2	8.0	5.0	8.5	0.0	CENTER OF LANE	EB	2019
LOR	2	8.0	5.0	9.0	0.0	RT. WHEEL PATH	EB	2019
LOR	2	8.0	6.0	2.5	0.0	SHOULDER	EB	2019

ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM

ITEM 255 - FULL DEPTH REMOVAL AND RIGID REPLACEMENT IS TO BE USED FOR FULL DEPTH RIGID PAVEMENT REPAIRS. PAVEMENT REPAIRS SHALL BE PERFORMED BEFORE PAVEMENT PLANING AND PLACEMENT OF THE INTERMEDIATE AND SURFACE COURSES. ALL FULL DEPTH RIGID REPAIRS SHALL ~~USE ITEM 442~~ ^{USE ITEM 442} - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) TO A DEPTH OF 2" ABOVE THE CONCRETE AND SHALL BE PLACED AND ~~COMPACTED~~ TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE.

CONCRETE AND ASPHALT SHALL BE PLACED IN THE REPAIR AREA THE SAME DAY THAT THE EXISTING PAVEMENT IS REMOVED FROM THE REPAIR AREA.

SEE SHEET 19 FOR ESTIMATED QUANTITIES AND LOCATIONS. THE FINAL LOCATION AND SIZE OF THE REPAIRS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER. IN ADDITION TO THE QUANTITIES PROVIDED ON SHEET 19, THE FOLLOWING ADDITIONAL ESTIMATED QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 255 - FULL DEPTH REMOVAL AND RIGID REPLACEMENT, CLASS RRCM: 160 SY
ITEM 255 - FULL DEPTH PAVEMENT SAWING: 600 SY
ITEM 407 - TACK COAT, 702.13: 13 GAL.
ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448): 9 CY

CALCULATED
KRB
CHECKED
ACM

GENERAL NOTES

LOR-2-3.86

7
3.7

NOTIFICATIONS 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 TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE LEAD TIME REQUIRED*
RAMP AND/OR ROAD CLOSURES	TWO WEEKS OR GREATER	21 CALENDAR DAYS
	12 HOURS TO TWO WEEKS	14 CALENDAR DAYS
	12 HOURS OR LESS	4 BUSINESS DAYS
LANE CLOSURES AND RESTRICTIONS	TWO WEEKS OR GREATER	14 CALENDAR DAYS
	LESS THAN TWO WEEKS	5 BUSINESS DAYS
START OF CONSTRUCTION AND TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

* - PRIOR TO CLOSURE DATE, UNLESS NOTED OTHERWISE

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

WORKING HOURS RESTRICTION

STATE ROUTE 2 IS A RESTRICTED LANE CLOSURE ROUTE DUE TO HIGH TRAFFIC VOLUME. DURING THE PROJECT DURATION, LANE CLOSURES SHALL BE PERMITTED AS LISTED ON THE ODOT PLCM WEB SITE AT <http://plcm.dot.state.oh.us>.

LANE CLOSURES ON SR 58 FOR THE STRUCTURE MAINTENANCE WORK ON STRUCTURES LOR-2-0742 L&R SHALL FOLLOW THE PERMITTED LANE CLOSURE RESTRICTIONS FOR SR 2.

RAMP WORK SHALL ONLY BE PERFORMED IN THE EVENINGS FROM 9 PM TO 6 AM. RAMP CLOSURES ARE PERMITTED.

THE ALLOWABLE LANE CLOSURE TIMES ARE TO INCLUDE ANY TIME NEEDED TO IMPLEMENT AND REMOVE ALL MAINTENANCE OF TRAFFIC MEASURES.

LANE CLOSURE DISINCENTIVE

A LANE CLOSURE IS DEFINED AS ANY RESTRICTION OF A LANE OF TRAFFIC INCLUDING, BUT NOT LIMITED TO, SET UP AND TEAR DOWN OF TRAFFIC CONTROL ZONES. THE CONTRACTOR WILL BE ASSESSED A DISINCENTIVE FEE IN THE AMOUNT OF \$235 (FOR SR 2) AND \$135 (FOR SR 58) PER MINUTE THAT LANES ARE CLOSED TO TRAFFIC DURING TIMES DESIGNATED AS "LANE CLOSURE NOT PERMITTED" AS STATED IN THESE PLANS AND ON THE ODOT PLCM WEB SITE AT <http://plcm.dot.state.oh.us>.

MAINTENANCE OF TRAFFIC FOR MARKING PAVEMENT REPAIRS

PROVIDE LANE CLOSURES AS PER THE MAINTENANCE OF TRAFFIC NOTES IN THESE PLANS A MINIMUM OF 24 HOURS PRIOR TO PERFORMING PAVEMENT REPAIRS TO ALLOW THE ENGINEER TO IDENTIFY AND MARK THE AREAS OF THE PAVEMENT IN NEED OF REPAIRS.

PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NEEDED TO PERFORM THE ABOVE LISTED WORK IS CONSIDERED INCIDENTAL TO MAINTAINING TRAFFIC ON THE PROJECT AND WILL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 MAINTAINING TRAFFIC.

BUTT JOINTS

DO NOT CUT BUTT JOINTS AND ALLOW THEM TO BE LEFT OPEN TO TRAFFIC. FILL THE BUTT JOINTS WITH A TEMPORARY ASPHALT CONCRETE WEDGE USING ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC IN ACCORDANCE WITH THE TAPER RATES SET FORTH IN SCD BP-3.1.

ERECT AND MAINTAIN CONSTRUCTION "BUMP" (W8-1-36) AND "ADVISORY SPEED" (W13-1-24) SIGNS DURING THE PERIOD THE BUTT JOINT IS LEFT OPEN. PAYMENT FOR THESE SIGNS WILL BE MADE UNDER THE LUMP SUM BID PRICE FOR ITEM 614 MAINTAINING TRAFFIC.

ITEM 614 - MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS	FOURTH OF JULY
NEW YEARS	LABOR DAY
MEMORIAL DAY	THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT TIME ALL LANES MUST BE OPEN TO TRAFFIC

SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$235 (FOR SR 2) AND \$135 (FOR SR 58) FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

ITEM 614 - MAINTAINING TRAFFIC: GENERAL

MAINTAIN ONE 11' LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES.

SUBMIT, IN WRITING, A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL BEFORE WORK IS STARTED ON THE PROJECT. PRIOR TO BEGINNING WORK, COORDINATE THE MAINTENANCE OF TRAFFIC OPERATIONS WITH THE LOCAL STATE HIGHWAY PATROL.

ITEM 614 - MAINTAINING TRAFFIC: GENERAL

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&M 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION WITH THE LATEST REVISIONS. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

CONTRACTOR EQUIPMENT ACCESS AND WORK OPERATIONS

IN ADDITION TO THE REQUIREMENTS OF SECTION 614 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS THE FOLLOWING SHALL APPLY:

THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAVEL WHERE PRACTICAL.

THE CONTRACTOR SHALL ARRANGE CONSTRUCTION OPERATIONS SO AS TO PREVENT ANY INTERFERENCE TO THE CONTINUOUS FLOW OF TRAFFIC. ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO THE CLOSED LANES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

ITEM 614 - MAINTAINING TRAFFIC LANE CLOSURE/REDUCTION REQUIRED

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

ITEM 614 - REPLACEMENT DRUM

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT DRUMS SHALL BE NEW.

THIS ITEM IS TO BE CONSIDERED INCIDENTAL TO MAINTAINING TRAFFIC ON THE PROJECT AND WILL BE PAID FOR UNDER THE LUMP SUM CONTRACT BID PRICE FOR ITEM 614 MAINTAINING TRAFFIC. IT SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED DRUM, AND PROVIDING AND MAINTAINING THE REPLACEMENT DRUM IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM.

ITEM 614 - REPLACEMENT SIGN

FLAT SHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE ENGINEER.

THIS ITEM IS TO BE CONSIDERED INCIDENTAL TO MAINTAINING TRAFFIC ON THE PROJECT AND WILL BE PAID FOR UNDER THE LUMP SUM CONTRACT BID PRICE FOR ITEM 614 MAINTAINING TRAFFIC. IT SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

ITEM 614 - MAINTAINING TRAFFIC (ESTIMATED QUANTITIES)

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR MAINTENANCE OF TRAFFIC. INCLUDE THE COST FOR THE REMOVAL OF ALL MAINTENANCE OF TRAFFIC MATERIALS IN THE CONTRACT BID PRICE FOR EACH ITEM BELOW. REMOVE THE MATERIALS AT THE DIRECTION OF THE ENGINEER WHEN NO LONGER OPERATIONALLY NEEDED.

ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC
250 CU YD

RAMP WORK LIMITATIONS

RAMP WORK SHALL ONLY BE PERFORMED IN THE EVENINGS FROM 9 PM TO 6 AM. RAMP CLOSURES ARE PERMITTED. THE CONTRACTOR SHALL ONLY CLOSE ONE RAMP AT A TIME. A RAMP MAY BE CLOSED FOR ONE NIGHT, OPENED IN THE MORNING TO TRAFFIC WHILE MEETING THE DROP OFFS IN WORK ZONE REQUIREMENTS, AND THEN CLOSED AGAIN THE FOLLOWING NIGHT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE GATES AND BARRICADES AT THE END OF THE WORK AREA AS SHOWN ON STANDARD CONSTRUCTION DRAWING MT-101.60.

THE RAMPS ARE PERMITTED TO BE DETOURED AS FOLLOWS:

- OAK POINT RD RAMPS
- RAMP W: SR 2 EB TO SR 58 TO SR 2 WB
- RAMP X: SR 2 EB TO SR 58 TO SR 2 WB TO OAK POINT RD
- RAMP Y: SR 2 WB TO BAUMHART RD TO SR 2 EB TO OAK POINT RD
- RAMP Z: SR 2 WB TO BAUMHART RD TO SR 2 EB

- SR 58 RAMPS
- RAMP C: SR 2 EB TO MIDDLE RIDGE RD TO SR 2 WB
- RAMP D: SR 2 EB TO MIDDLE RIDGE RD TO SR 2 WB TO SR 58
- RAMP E: SR 2 WB TO OAK POINT RD TO SR 2 EB TO SR 58
- RAMP F: SR 2 WB TO OAK POINT RD TO SR 2 EB

THE FOLLOWING ESTIMATED QUANTITY BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER FOR THE RAMP CLOSURES:

ITEM 614 - PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN
2 SIGN MONTHS

SHEET NUM.												PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED KRB	CHECKED ACM
7	8	10	11	16	17	19	20	30	31	32		01/NHS/P V	02/NHS/B R	03/SAF/O T								
							12,556					12,556			202	38000	12,556	FT	ROADWAY			
							1,531					1,531			202	38300	1,531	FT	GUARDRAIL REMOVED, BARRIER DESIGN			
							16					16			202	42010	16	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E			
							20					20			202	42040	20	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T			
							21					21			202	47000	21	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED			
							11					11			202	47800	11	EACH	IMPACT ATTENUATOR REMOVED			
							220					220			203	20001	220	CY	EMBANKMENT, AS PER PLAN		9	
							154.95					154.95			209	15001	154.95	STA	RESHAPING UNDER GUARDRAIL, AS PER PLAN		9	
				9.48	9.39		12,556					12,556			209	60500	18.87	MILE	LINEAR GRADING			
												12,556			606	15050	12,556	FT	GUARDRAIL, TYPE MGS			
							1,531					1,531			606	15550	1,531	FT	GUARDRAIL, BARRIER DESIGN, TYPE MGS			
							16					16			606	26150	16	EACH	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016)			
							20					20			606	26550	20	EACH	ANCHOR ASSEMBLY, MGS TYPE T			
							14					14			606	35002	14	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1			
							7					7			606	35102	7	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2			
							10					10			606	60012	10	EACH	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)			
							1					1			606	60028	1	EACH	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL) (65 MPH/24" WIDE)			
																			EROSION CONTROL			
												1,000			832	30000	1,000	EACH	EROSION CONTROL			
																			DRAINAGE			
	18											18			611	98630	18	EACH	CATCH BASIN ADJUSTED TO GRADE			
	1											1			611	99150	1	EACH	INLET ADJUSTED TO GRADE			
	2											2			611	99654	2	EACH	MANHOLE ADJUSTED TO GRADE			
																			PAVEMENT			
325						517						842			251	01042	842	CY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL)			
100						250						350			251	01042	350	CY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE)			
100												100			253	02000	100	CY	PAVEMENT REPAIR			
				100,483	100,353							200,836			254	01000	200,836	SY	PAVEMENT PLANING, ASPHALT CONCRETE (2")			
				2,997	3,044							6,041			254	01000	6,041	SY	PAVEMENT PLANING, ASPHALT CONCRETE (TAPER 2" TO 3.25")			
				2,572	2,422							4,994			254	01000	4,994	SY	PAVEMENT PLANING, ASPHALT CONCRETE (3.25")			
				530	529							1,059			254	01600	1,059	SY	PATCHING PLANED SURFACE			
160						1,504						1,664			255	10500	1,664	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM			
600						5,640						6,240			255	20000	6,240	FT	FULL DEPTH PAVEMENT SAWING			
13						120						133			407	13900	133	GAL	TACK COAT, 702.13			
				13,789	13,759							27,548			407	20000	27,548	GAL	NON-TRACKING TACK COAT			
				4,449	4,410							8,859			408	10001	8,859	GAL	PRIME COAT, AS PER PLAN		8	
				6,630	6,618							13,248			442	00100	13,248	CY	ANTI-SEGREGATION EQUIPMENT			
				5,157	5,146							10,303			442	10101	10,303	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN (PG 64-28)		8	
				4,416	4,404							8,820			442	10300	8,820	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (PG 70-22)			
																			ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (PG 64-28)			
				614	610							1,224			617	10100	1,224	CY	COMPACTED AGGREGATE			
				11,114	11,015							22,129			617	20000	22,129	SY	SHOULDER PREPARATION			
				7.99	7.99							15.98			618	40600	15.98	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)			
																			TRAFFIC CONTROL			
										709		709			621	00100	709	EACH	RPM			
										16		16			621	00300	16	EACH	RPM REFLECTOR			
										709		709			621	54000	709	EACH	RAISED PAVEMENT MARKER REMOVED			
							201					201			626	00110	201	EACH	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL)			
								240				240			644	00500	240	FT	STOP LINE			
																			CROSSWALK LINE			
										683		683			644	00600	683	FT	CROSSWALK LINE			
										1,250		1,250			644	00700	1,250	FT	TRANSVERSE/DIAGONAL LINE			
										21		21			644	01300	21	EACH	LANE ARROW			
										0.56		0.56			807	12010	0.56	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"			
										0.28		0.28			807	12110	0.28	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"			
																			TRAFFIC CONTROL			
										19.64		19.64			807	14010	19.64	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6"			
										8.37		8.37			807	14110	8.37	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6"			
										3,870		3,870			807	14310	3,870	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12"			
										3,450		3,450			807	14410	3,450	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6"			

GENERAL SUMMARY

LOR-2-3.8.6

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LOR-2 EASTBOUND PAVEMENT REPAIRS

SLM	LANE	WIDTH FT	LENGTH FT	INDIVIDUAL REPAIR AREA SY	TYPE OF REPAIR	DEPTH INCH	NUMBER OF REPAIRS	251	251	255	255	407	442
								PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL) CY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE) CY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM (13" CONCRETE) SY	FULL DEPTH PAVEMENT SAWING FT	TACK COAT, 702.13 @ 0.08 GAL/SY GAL	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE (448) (3") CY
BEGIN	END												
3.86	4.00	LT, RT	24	6	16.00	TRANS	15	1		16	60	1	1
		LT, RT	24	4	10.67	TRANS	6	4	7				
		LANE LINE	2	100	22.22	LONG	6	2	7				
4.00	5.00	LT, RT	24	6	16.00	TRANS	15	6		96	360	8	5
		LT, RT	24	4	10.67	TRANS	6	13	23				
		RT	4	20	8.89	LONG	6	3	4				
		RT	4	50	22.22	LONG	6	5	19				
		RT SHOULDER	4	50	22.22	LONG	6	2	7				
5.00	6.00	LT, RT	24	6	16.00	TRANS	15	15		240	900	19	13
		LT, RT	24	4	10.67	TRANS	6	21	37				
		RT	4	50	22.22	LONG	6	8	30				
		RT	12	20	26.67	LONG	6	1	4				
		LT	4	50	22.22	LONG	6	3	11				
		RT SHOULDER	4	50	22.22	LONG	6	2	7				
6.00	7.00	LT, RT	24	6	16.00	TRANS	15	10		160	600	13	9
		LT, RT	24	4	10.67	TRANS	6	19	34				
		LANE LINE	2	20	4.44	LONG	6	3	2				
		RT	4	20	8.89	LONG	6	5	7				
		RT	12	20	26.67	LONG	6	2	9				
		LT	4	20	8.89	LONG	6	2	3				
		LT	12	20	26.67	LONG	6	2	9				
		RT SHOULDER	4	50	22.22	LONG	6	4	15				
7.00	7.97	LT, RT	24	6	16.00	TRANS	15	15		240	900	19	13
		LT, RT	24	4	10.67	TRANS	6	16	28				
		LANE LINE	2	100	22.22	LONG	6	8	30				
		RT	4	50	22.22	LONG	6	6	22				
		RT	12	20	26.67	LONG	6	2	9				
		LT	12	20	26.67	LONG	6	2	9				
		RT SHOULDER	4	50	22.22	LONG	6	4	15				
OAK POINT ROAD RAMP X								10					
OAK POINT ROAD RAMP Z								10					
S. R. 58 RAMP D								8	8				
S. R. 58 RAMP F								12	8				
EASTBOUND SUB-TOTAL								259	145	752	2,820	60	41

LOR-2 WESTBOUND PAVEMENT REPAIRS

SLM	LANE	WIDTH FT	LENGTH FT	INDIVIDUAL REPAIR AREA SY	TYPE OF REPAIR	DEPTH INCH	NUMBER OF REPAIRS	251	251	255	255	407	442
								PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL) CY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE) CY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM (13" CONCRETE) SY	FULL DEPTH PAVEMENT SAWING FT	TACK COAT, 702.13 @ 0.08 GAL/SY GAL	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE (448) (3") CY
BEGIN	END												
3.86	4.00	LT, RT	24	4	10.67	TRANS	6	4	7				
		LANE LINE	2	50	11.11	LONG	6	2	4				
4.00	5.00	LT, RT	24	6	16.00	TRANS	15	9		144	540	12	8
		LT, RT	24	4	10.67	TRANS	6	8	14				
		LANE LINE	2	50	11.11	LONG	6	5	9				
		RT	4	20	8.89	LONG	6	6	9				
		RT	12	20	26.67	LONG	6	2	9				
		LT	12	20	26.67	LONG	6	2	9				
		RT SHOULDER	4	50	22.22	LONG	6	5	19				
5.00	6.00	LT, RT	24	6	16.00	TRANS	15	8		128	480	10	7
		LT, RT	24	4	10.67	TRANS	6	9	16				
		LANE LINE	2	50	11.11	LONG	6	3	6				
		RT	4	50	22.22	LONG	6	5	19				
		RT SHOULDER	4	50	22.22	LONG	6	2					
6.00	7.00	LT, RT	24	6	16.00	TRANS	15	14		224	840	18	12
		LT, RT	24	4	10.67	TRANS	6	11	20				
		LANE LINE	2	50	11.11	LONG	6	3	6				
		RT	4	50	22.22	LONG	6	4	15				
		RT	12	20	26.67	LONG	6	2	9				
		LT	12	20	26.67	LONG	6	2	9				
		RT SHOULDER	4	50	22.22	LONG	6	4	15				
7.00	7.97	LT, RT	24	6	16.00	TRANS	15	16		256	960	20	14
		LT, RT	24	4	10.67	TRANS	6	17	30				
		LANE LINE	2	50	11.11	LONG	6	4	7				
		LANE LINE	2	100	22.22	LONG	6	6	22				
		RT	4	50	22.22	LONG	6	5	19				
		RT	12	20	26.67	LONG	6	2	9				
		LT	12	20	26.67	LONG	6	2	9				
		RT SHOULDER	4	50	22.22	LONG	6	2	7				
OAK POINT ROAD RAMP W								10					
OAK POINT ROAD RAMP Y								10					
S. R. 58 RAMP C								8	8				
S. R. 58 RAMP E								8	10				
WESTBOUND SUB-TOTAL								258	105	752	2820	60	41
TOTALS CARRIED TO GENERAL SUMMARY								517	250	1,504	5,640	120	82

NOTE: QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY. EXACT LOCATIONS AND QUANTITIES TO BE DETERMINED BY THE PROJECT ENGINEER.

PAVEMENT REPAIR SUB-SUMMARY

LOR-2-3.86

CALCULATED
KRB
CHECKED
ACM