HEN/LUC-24-15.86/0.00

STATE OF OHIO **DEPARTMENT OF TRANSPORTATION**

HEN/LUC-24-15.86/0.00

PROVIDENCE TOWNSHIP

WATERVILLE TOWNSHIP

HENRY COUNTY

LUCAS COUNTY

2,3

4,5

7-10

INDEX OF SHEETS:

TITLE SHEET

PLAN SHEETS

TYPICAL SECTIONS

GENERAL SUMMARY SUB SUMMARY

GENERAL NOTES

END WORK STA. 610+36.80

BEGIN PROJECT BEGIN WORK STA 837+40.80 SLM 15.86

LOCATION MAP

LATITUDE: 41°27'21" LONGITUDE: -83°48'36"



DESIGN DESIGNATION

CURRENT ADT (2026)	31500
DESIGN YEAR ADT (2038)	43000
DESIGN HOURLY VOLUME (2026)	4800
DIRECTIONAL DISTRIBUTION	57%
TRUCKS (24 HOUR B&C)	43%
DESIGN SPEED	75 MPH
LEGAL SPEED	70 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
FREEWAY (RURAL)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES Contact Two Working Days Before You Dig



OHIO811, 8-1-1, or 1-800-362-2764 (Non members must be called directly)

> PLAN PREPARED BY: ODOT DISTRICT 2 317 E POE RD. **BOWLING GREEN, OH 43402**



SUPPLEMENTAL SPECIAL STANDARD CONSTRUCTION DRAWINGS **SPECIFICATIONS PROVISIONS** 1/15/21 TC-65.10 1/17/14 7/18/14 TC-65.11 1/17/25 BP-2.5 7/19/24 TC-72.20 1/17/25 MT-95.30 7/19/19 MT-98.10 1/17/20 MT-98.20 4/19/19 MT-98.22 1/17/20 MT-98.28 1/17/20 1/17/20 MT-98.29 MT-99.20 4/19/19 MT-99.30 1/17/20 7/21/23 MT-99.50 7/19/24 MT-101.90 7/17/20

FEDERAL PROJECT NUMBER

E250368

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

CONCRETE PAVEMENT REPAIR IN HENRY AND LUCAS COUNTIES. HEN-24-15.85 TO 19.55. LUC-24-0.00 TO 11.56.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.0 ACRES ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.0 ACRES NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI not Required)

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 OHIO REVISED CODE.

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

'I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT FOR THE RAMPS AS DESCRIBED ON SHEETS AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE SET FORTH ON THE PLANS AND ESTIMATES.

Pamela Boratyn

Director, Department of Transportation

Added

TITLE SHEET



JWZ MF MM-DD-

107951

ITEM 257 DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT. AS PER PLAN

DIAMOND GRIND THE CONCRETE PAVEMENT, STARTINIG IN HENRY COUNTY FROM STA. 837+40.80 TO STA. 610+36.80 ENDING IN LUCAS COUNTY.

TITEM 257 APPLIES EXCEPT AS MODIFIED BELOW: WORK WITH THE DISTRICT TO CREATE A GRINDING PLAN PRIOR TO PERFORMING ANY DIAMOND GRINDING TO EXPLAIN PROCESS AND HOW SPECIFICATIONS WILL BE MEANT.

NO LOCALIZED ROUGHNESS OVER 160 IN 25 FEET IS PERMITTED:

TITEM 257 - DIAMOND GRINDING PORTLAND CEMENT

CONCRETES PANEMENT, AS PER PLAN

PRESSURE RELIEF JOINTS

REMOVE THE EXISTING ASPHALT AT THE PRESSURE RELIEF JOINT AND REPLACE THE ASPHALT PER BP-2.3. THE EXISTING APPROACH SLAB THICKNESS IS 15" AND THE EXISTING CONCRETE THICKNESS

8 EACH ITEM 690 - PRESSURE RELIEF JO<u>INT ASPHALT</u> REPLACEMENT Edited Note, Made it

CONTINGENCY QUANTITIES

as per plan THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM
WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUAN-TITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS

WORK LIMITS

PROJECT.

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.

PAVEMENT MARKINGS AND TRAFFIC CONTROL

ITEM 621 - RAISED PAVEMENT MARKER REMOVED

THE CONTRACTOR SHALL MAKE NOTE OF ALL EXISTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS BEFORE PERFORMING ANY WORK. ESTIMATED QUANTITIES HAVE BEEN INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 621 - RPM (ONE-WAY WHITE)	1344 EACH
ITEM 621 - RPM (TWO-WAY WHITE/RED)	111 EACH
ITEM 642 - EDGE LINE, 6" WHITE	30.53 MILE
ITEM 642 - EDGE LINE, 6" YELLOW	30.54 MILE
ITEM 642 - LANE LINE, 6"	30.7 MILE
ITEM 642 - CHANNELIZING LINE	8861 FT
ITEM 642 - TRANSVERSE/DIAGONAL LINE, WHITE	437 FT

RAISED PAVEMENT MARKERS

ITEM 642 - DOTTED LINE, 6" WHITE

EXISTING RPM SLOTS MAY BE REUSED BY REGRINDING TO THE PROPER DEPTH, IF FEASIBLE. IF SLOTS CANNOT BE REUSED. THEY SHALL BE FILLED WITH 705.02 NON-SHRINK, NON-METALLIC MATERIAL. THIS NOTE SUPERSEDES THE REQUIREMENTS OF CMS 621.08 REGARDING VOID FILLING MATERIAL. THE COST OF FILLING UNUSED RPM SLOTS SHALL BE INCIDENTAL TO ITEM 621 RAISED PAVEMENT MARKERS.

PAVEMENT JOINTS

Added Note AN ADDITIONAL QUANTITY FOR 120 JOINTS HAVE BEEN INCLUDED TO ACCOMADATE ANY NEW JOINTS APPEARING AFTER THE FINAL FIELD REVIEW AND THE BEGINING OF CONSTRUCTION. THESE QUANTITIES SHALL BE USED AT

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

THE DIRECTION OF THE ENGINEER.

ITEM 255 - FULL DEPTH PAVEMENT SAWING

960 S.Y. 4320 FT

3675 FT

WORK ZONE MARKINGS AND SIGNS

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 AND 614.11.

ITEM 614 - WC	ORK ZONE MARKING S	SIGN 3	4 EALH
	ORK ZONE CHANNELIZ	ZING LINE,	8861 FT

ITEM 614 - WORK ZONE LANE LINE, CLASS I, 30.70 MILE 6", 642 PAINT

ITEM 614 - WORK ZONE EDGE LINE, CLASS I, 61.07 MILE 6". 642 PAINT

ENVIRONMENTAL COMMITMENTS

FOR QUESTIONS, CONTACT ODOT DISTRICT 2 ENVIRONMENTAL COORDINATOR, PHOENIX GOLNICK (419) 373-4329.

THE CONTRACTOR SHALL PERFORM ALL WORK WITHIN THE EXISTING RIGHT OF WAY.

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF 1 LANE(S) OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT.

TWO-LANE AND MULTI-LANE HIGHWAYS SHALL FOLLOW THE APPLICABLE STANDARD CONSTRUCTION DRAWING. CONCRETE PAVEMENT REPAIRS SHALL FOLLOW MT-101.90

AND CMS 255.08 RAMPS MAY BE CLOSED PER THE APPLICABLE STANDARD CONSTRUCTION DRAWINGS AND SHALL FOLLOW THE RESTRICTIONS FOUND IN THE LANE VALUE CONTRACT TABLE.

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.

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 SPECIAL EVENTS:

NEW YEAR'S (OBSERVED) *THANKSGIVING* GENERAL/REGULAR ELECTION DAY (NOV) MEMORIAL DAY CHRISTMAS (OBSERVED) FOURTH OF JULY (OBSERVED) **FASTFR** LABOR DAY

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

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

SUNDAY 12:00N FRIDAY THROUGH 6:00 AM MONDAY MONDAY 12:00N FRIDAY THROUGH 6:00 AM TUESDAY 12:00N MONDAY THROUGH 6:00 AM WEDNESDAY TUESDAY TUESDAY (GEN./REG. ELECTION)

5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY WEDNESDAY 12:00N TUESDAY THROUGH 6:00 AM THURSDAY THURSDAY 12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY (THANKSGIVING ONLY)

6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY FRIDAY 12:00N THURSDAY THROUGH 6:00 AM MONDAY 12:00N FRIDAY THROUGH 6:00 AM MONDAY SA TURDA Y

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$2500 FOR EACH HOUR THE ABOVE DESCRIBED LANE CLOSURES ARE VIOLATED.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. 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.

PROJECT COORDINATION

THE CONTRACTOR IS ADVISED THAT WORK ASSOCIATED WITH PID 110524 IS *OCCURRING ADJACENT TO THIS PROJECT.* THE CONTRACTOR SHALL COORDINATE ALL WORK ACTIVITIES, SCHEDULES, TRAFFIC CONTROL AND SITE ACCESS WITH THE ADJACENT CONTRACTOR TO AVOID CONFLICTS. DELAYS, OR IMPACTS TO EITHER PROJECT.*

COORDINATION SHALL INCLUDE, BUT NOT LIMITED TO MAINTENANCE OF TRAFFIC, STAGING, MATERIAL DELIVERIES, EQUIPMENT ACCESS AND UTILITY WORK.* THE CONTRACTOR IS RESPONSIBLE FOR PROACTIVELY COMMUNICATING WITH THE ENGINEER AND THE ADJACENT PROJECTS CONTRACTOR TO ENSURE SEAMLESS PROJECT EXECUTION.*

NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ADJUSTMENTS TO HAUL ROUTES OR DETOURS RESULTING FROM CLOSURES OR RESTRICTIONS IMPLEMENTED BY THE ADJACENT PROJECT.* IT IS THE CONTRACTOR 32S RESPONSIBILITY TO ACCOUNT FOR POTENTIAL IMPACTS TO HAUL ROUTES AND LOGISTICS DURING PROJECT PLANNING AND EXECUTION.

ANY DISPUTES OR CONFLICTS ARISING FROM LACK OF COORDINATION WILL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL COMPENSATION OR TIME

PERMITTED LANE CLOSURE SCHEDULE

STANDARD PROCEDURE (123-001(SP)).

LANE CLOSURE(S) SHALL CONFORM TO THE Added Note INFORMATION CAN BE FOUND ON THE ODO

THE MONTHLY PUBLISHED SCHEDULES REQUIRED TO BE USED, FOR EACH PLCS SEGMENT WITHIN THE PROJECT AREA, ARE THOSE THAT COMPRISE THE CONSECUTIVE 12-MONTH PERIOD BEGINNING 15 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE AND ENDING 4 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE. THESE SAME 12 MONTHS APPLY FOR THE LIFE OF THE PROJECT AND SHALL BE APPLIED TO EACH RESPECTIVE MONTH OF CONSTRUCTION (MONTH OF LANE CLOSURE(S) SHALL MATCH MONTH OF PLCS USED). LANE CLOSURE(S) IN PLACE FOR MULTIPLE MONTHS SHALL ALWAYS COMPLY WITH THE CURRENT RESPECTIVE MONTH. (FOR EXAMPLE: IF THE SALE DATE FOR THE PROJECT WAS MARCH OF 2021, THE MONTHLY PUBLISHED SCHEDULES FOR EACH APPLICABLE PLCS SEGMENT WOULD BE DECEMBER 2019 TO NOVEMBER 2020. IF THIS WAS A THREE-YEAR PROJECT, YEAR THREE WOULD STILL BE USING THE DECEMBER 2019 TO NOVEMBER 2020 MONTHLY SCHEDULES. IF THE PROJECT DESIRED TO CLOSE TWO LANES IN JUNE 2021, REFERENCE WOULD BE MADE TO THE JUNE 2020 SCHEDULE(S) FOR THE RESPECTIVE PLCS SEGMENT(S). IF THE SAME TWO LANES WERE DESIRED TO BE CLOSED AGAIN IN JULY 2021, REFERENCE WOULD BE MADE TO THE JULY 2020 SCHEDULE(S) FOR THE RESPECTIVE PLCS SEGMENT(S).) MORE RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE AT THE DISCRETION OF THE ENGINEER IN ORDER TO COMPLY WITH THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND

LESS RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE SUBJECT TO THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)) AND SHALL NOT BE IMPLEMENTED UNTIL, AND UNLESS, APPROVED BY THE PROPER ODOT AUTHORITY. [EXISTING MOT EXCEPTIONS THAT HAVE ALREADY BEEN APPROVED IN ACCORDANCE TO THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY AND STANDARD PROCEDURE ARE DETAILED IN THE APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTION(S) PLAN NOTE.J

ALLOWABLE LANE CLOSURE HOURS FOR FACILITIES NOT COVERED BY THE PLCS, IF ANY, SHALL BE AS SPECIFIED ELSEWHERE IN THE PLANS

LANE CLOSURES

LANE CLOSURES ALONG US-24 SHALL ADHERE TO THE RESTRICTIONS LISTED BELOW:

THE MAXIMUM LENGTH OF A SINGLE LANE CLOSURE SHALL BE LIMITED TO FOUR MILES.

A MAXIMUM OF TWO LANE CLOSURES ARE PERMITTED IN ONE DIRECTION OF TRAVEL.

THE MINIMUM DISTANCE BETWEEN TWO ADJACENT LANE CLOSURES SHALL BE TWO MILES.

IF THERE ARE MULTIPLE LANE CLOSURES IN ONE DIRECTIONS THE LANE CLOSURES SHALL ONLY CLOSE THE SAME TRAVELED LANE. (FOR EXAMPLE, IF THE DRIVING LANE IS CLOSED FOR ONE LANE CLOSURE, THE SUBSEQUENT LANE CLOSURE IN TH SAME DIRECTION MAY ONLY CLOSE THE DRIVING LANE.)

Lar	ne Value Contract Table	& Detour F	Routes	
Description of Critical Lane/Ramp to	Restricted Time	Time Unit	Disincentive Per	Detour
be Maintained	Period	Time Unit	Time Unit	Detour
	Closure shall not			UC 24 WD +- CD 400
US-24 WB OFF RAMP TO SR-295	exceed 7 consecutive	Day	\$1,000	US-24 WB to SR-109 to US-24 EB to SR-295
	calendar days			to US-24 EB to SK-295
	Closure shall not			US-24 EB to SR-64 to
SR-295 ON RAMP TO US-24 WB	exceed 7 consecutive	Day	\$1,000	US-24 EB to SR-64 to
	calendar days			US-24 WB
	Closure shall not			US-24 EB to SR-64 to
US-24 EB OFF RAMP TO SR-295	exceed 7 consecutive	Day	\$1,000	US-24 WB to SR-299
	calendar days			03-24 WB to 3K-239
	Closure shall not			US-24 WB to SR-109
SR-295 ON RAMP TO US-24 EB	exceed 7 consecutive	Day	\$1,000	to US-24 EB
	calendar days			10 US-24 EB

The contractor shall be responsible for all detour signing.

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 MEE. THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BEL 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 PHYSICA SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS. INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFER 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

<u>ITEM</u>	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP &	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
ROAD	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES	< = 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
		~
LANE	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES &	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE

START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES

14 CALENDAR DAYS PRIOR TO

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

> Brought over from Page 5



JW7

MF MM-DD-107951

22

PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03. PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR

SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. AND TO REVISE SIGN MESSAGES. IF NECESSARY. (THE CONTRACTOR SHALL IMPLEMENT A SYSTEM WHEREBY CHANGEABLE MESSAGES WILL BE IMPLEMENTED WITHIN 2 HOURS FOLLOWING TELEPHONE NOTIFICATION FROM THE PROJECT ENGINEER TO A DESIGNATED PHONE.)

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE. THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

(THE PCMS SHALL CONTAIN A CELLULAR TELEPHONE DATA LINK WHICH WILL (IN ACTIVE CELLULAR PHONE AREAS) ALLOW REMOTE SIGN ACTIVATION, MESSAGE CHANGES, MESSAGE ADDITIONS AND REVISIONS TO TIME OF DAY PROGRAMS. THE SYSTEM SHALL ALSO PERMIT VERIFICATION OF CURRENT AND PROGRAMMED MESSAGES. ONE REMOTE DATA INPUT DEVICE (LAPTOP COMPUTER PLUS MODEM OR EQUIVALENT) SHALL BE FURNISHED FOR USE BY THE DISTRICT TRAFFIC ENGINEER, OR EQUIVALENT, AND SHALL BE INSURED AGAINST THEFT.)THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF C&MS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE

PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN

ASSUMING 2 PCMS SIGN(S) FOR 7 MONTH(S)

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE MAINTENACE OF TRAFFIC.

ITEM 614 - PORTABLE CHANGEABLE MESSAGE SIGN 14 SNMT

ITEM 614. REPLACEMENT SIGN

FLATSHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCOR-DANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICA-TIONS 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

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

AN ESTIMATED QUANTITY OF 5 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

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.

PAYMENT FOR THE NEW DRUMS SHALL BE MADE AT THE CON-TRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT DRUM AND 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.

AN ESTIMATED QUANTITY OF 5 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

ODOT NOTIFICATION CONTACT INFORMATION

THE ODOT PROJECT ENGINEER SHALL FORWARD THE CONSTRUCTION NOTIFICATION INFORMATION THE FOLLOWING DEPARTMENTS WITHIN THE TIMELINE OUTLINED IN TEM PART 642-58 TO ENSURE COMPLIANCE WITH FEDERAL NOTIFICATION REQUIREMENTS:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY PHONE AT (419) 373-4428 OR EMAIL AT: DO2.PIO@DOT.OHIO.GOV

DISTRICT PERMIT SECTION BY PHONE AT: (419) 373-4301 OR EMAIL AT: DO2.PERMITS@DOT.OHIO.GOV

CENTRAL OFFICE SPECIAL HAULING PERMITS SECTION BY PHONE AT: (614) 351-2300 OR EMAIL AT: HAULING.PERMITS@DOT.OHIO.G\(V \)

ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGN)

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. LAT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.]

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

Notice of Closure Sign Time Table

	rectice of closure sign rime	rabic
<u>em</u>	Duration of Closure	Sign Displayed to Public
ımp &	>= 2 weeks	14 calendar days prior to closure
oad	> 12 hours & < 2 weeks	7 calendar days prior to closure
osures	< 12 hours	2 business days prior to closure

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-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.

Added Note

ITEM 614, DETOUR SIGNING

ITEM 614 - DETOUR SIGNING

LUMP SUM

QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW SHALL NOT BE PERMITTED AT PROJECT COST NOR TIME COMPENSATION. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

- DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.
- DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).
- DURING PERIODS WHERE TRAFFIC NEEDS TO BE DIRECTED CONTRARY TO A TRAFFIC CONTROL DEVICE (FLAGGER, SIGN [E.G. STOP SIGN, STREET OR HIGHWAY SIGNS, ETCJ, SIGNAL OR OTHER DEVICE USED TO REGULATE. WARN OR GUIDE TRAFFIC). TRAFFIC IN THIS INSTANCE INCLUDES VEHICULAR. PEDESTRIAN AND/OR SHARED USE PATH USERS.

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, _A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES THAT MEET ALL OF THE CRITERIA LISTED BELOW: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

- ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND,
- AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION; AND,
- AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER' PERCENT TRUCKS)

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION (OR AT THE POINT OF ROAD CLOSURE).AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS AND/OR IN CONTRARY TO OTHER TRAFFIC CONTROL DEVICES IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFI VIOLATIONS, HOWEVER, IF A MOTORISTS ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEOWITH A TWO-WAY COMMUNICATION DEVICE THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 40 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED. ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR X^{ASŞIS} TANGE.



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4 13 211+29.57 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.57 14 240+38.84 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.57 14 241+28.60 6'x 12' WESTBOUND DRIVING 72 8 36 36 4.57 14 241+28.60 6'x 12' WESTBOUND DRIVING 72 8 36 36 4.57 14 241+28.60 6'x 12' WESTBOUND DRIVING 72 8 36 36 4.57 14 241+28.60 6'x 12' WESTBOUND DRIVING 72 8 36 36 4.65 14 241+28.60 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 245+52.00 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 245+52.00 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 245+52.00 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 247+63.00 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 247+63.00 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 247+63.00 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 247+63.00 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 56 4.65 14 248+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 36 4.65 14 258+68.80 6'x 12' EASTBOUND DRIVING 72 8 36 4.65 14 258+68.80 6'	(V. O)	· ·								_			_								20	0	26	20	
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4 13 21+57.38 6 x12 WESTBOUND DRIVING 72 8 36 36	AM P	· ·								_									+			8			
1	:9:40 ,	4	13	211+57.36		WESTBOUND	DRIVING	72		8	36			4.59	14	242+24.64	6' x 12'	WESTBOUND	DRIVING	72		8	36		
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			w					EMC I, TY	SAWING	A S E D			from 1	4122 to 1				Э	'EM r, T	SAW		†
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S	SHEET	STATION		SE(LAINE		PAVEMENT	PAVI PLA LAS	PA	N-R AVE	SI	SHEET	SIAIION		ZEC	LAINE		ENT I	PAVI PLA LASS	PA	N-R AVE	
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						SF	SY	SY	FT	SY							SF	SY	SY	FT	SY	
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4.88	14 14	258+13.92 261+88.80	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	144 72		16 8	72 36		7.34	16 16	387+59.61 388+92.34	6' x 12' 6' x 12'	WESTBOUND WESTBOUND	DRIVING DRIVING	72 72		8	36 36		
5.29	14	279+73.44	6' x 12'	EASTBOUND	DRIVING	72		8	36		7.37	16	389+00.98	6' x 12'	WESTBOUND	DRIVING	72		8	36		-
5.35	14	282+48.00	6' x 12'	EASTBOUND	DRIVING	72		8	36		7.38	16	389+92.59	6' x 12'	WESTBOUND	вотн	144		16	72		
5.36	14	283+00.80	6' x 12'	EASTBOUND	DRIVING	72		8	36		7.46	16	393+88.80	6' x 12'	WESTBOUND	DRIVING	72		8	36		_
5.38	14 14	284+06.4 286+01.76	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		7.55 8.04	16 16	398+64.00 424+51.2	6' x 12' 6' x 12'	WESTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		-1
5.51	14	291+03.36	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.05	16	424+92.66	6' x 12'	WESTBOUND	DRIVING	72		8	36		
5.52	14	291+56.16	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.2	16	432+96.00	6' x 12'	WESTBOUND	BOTH	144		16	72		
5.53 5.54	14 14	292+19.52 292+77.60	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		8.24 8.3	16 16	435+07.20 438+24.00	6' x 12' 6' x 12'	WESTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		-
5.56	14	293+40.96	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.43	16	444+88.91	15' x 12'	WESTBOUND	DRIVING	180	20	0	30	20	
5.57	14	294+06.16	6' x 12'	WESTBOUND	DRIVING	72		8	36		8.43	16	445+10.40	6' x 12'	EASTBOUND	DRIVING	72		8	36		
5.58	14	294+36.00	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.43	16	445+56.89	15' x 12'	WESTBOUND	DRIVING	180	20			20	41
5.58 5.6	14 14	294+88.80 295+46.88	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		8.45 8.53	16 16	446+16.00 450+38.40	135'x12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	1620 72	180	8	36	180	-1
5.62	14	296+78.88	6' x 12'	EASTBOUND	DRIVING	72		8	36		0.00	10	400.00.40	O X 12	ENGIBOGIAB	BITTIVITO	12			00		
5.65	14	298+32.00	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.62	17	455+13.60	6' x 12'	WESTBOUND	DRIVING	72		8	36		
5.66	14	298+74.24	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.68	17	458+30.40	105' x 12'	WESTBOUND	DRIVING	1260	140	8	20	140	_
5.66	14 14	298+90.08 300+22.08	6' x 12' 6' x 12'	EASTBOUND WESTBOUND	DRIVING DRIVING	72 72		8	36 36		8.69 8.69	17 17	458+72.64 459+02.59	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		\dashv
5.69	14	300+53.76	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.7	17	459+30.72	6' x 12'	EASTBOUND	DRIVING	72		8	36		
5.7	14	300+96.00	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.74	17	461+47.20	6' x 12'	EASTBOUND	DRIVING	72		8	36		
5.72 5.75	14 14	302+01.60 303+60,00	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		8.76 8.76	17 17	462+52.80 462+52.80	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		
5.77	14	304+65.60	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.83	17	466+22.40	6' x 12'	WESTBOUND	DRIVING	72		8	36		-1
											8.85	17	467+28.00	6' x 12'	EASTBOUND	DRIVING	72		8	36		
5.87	15	309+82.37	6' x 12'	WESTBOUND	DRIVING	72		8	36		8.86	17 17	467+54.40	6' x 12'	WESTBOUND	DRIVING	72	440	8	36	440	
6.03	15 15	316+80.06 318+38.40	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8 8	36 36		8.88 8.9	17	468+86.40 469+92.00	105' x 12' 6' x 12'	WESTBOUND EASTBOUND	DRIVING DRIVING	1260 72	140	8	36	140	
6.04	15	318+91.20	6' x 12'	EASTBOUND	DRIVING	72		8	36		8.94	17	472+03.20	6' x 12'	WESTBOUND	DRIVING	72		8	36		
6.07	15	320+49.60	6' x 12'		DRIVING	72		8	36		8.96	17	473+08.80	6' x 12'	WESTBOUND	DRIVING	72		8	36		
6.08	15 15	321+02.00 321+08.91	6' x 12' 6' x 12'	WESTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		9 9.04	17 17	475+20.00 477+31.20	6' x 12' 6' x 12'	WESTBOUND EASTBOUND	DRIVING DRIVING	72 72		8 8	36 36		\dashv
6.1	15	322+08.00	6' x 12'	EASTBOUND	DRIVING	72		8	36		9.08	17	479+42.40	6' x 12'	EASTBOUND	DRIVING	72		8	36		1
6.12	15	323+13.6	6' x 12'	WESTBOUND	DRIVING	72		8	36		9.17	17	484+17.60	15' x 12'	EASTBOUND	DRIVING	360	40			40	
6.15	15 15	324+78.25 327+17.95	6' x 12' 6' x 12'	WESTBOUND WESTBOUND	DRIVING DRIVING	72 72		8	36 36		9.18	17 17	484+70.40 485+23.20	15' x 12' 15' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	180 360	20 40			20	-
6.26	15	330+48.92	6' x 12'	WESTBOUND	DRIVING	72		8	36		9.19	17	495+26.40	15 x 12'	EASTBOUND	DRIVING	540	60			60	-11
6.27	15	331+05.60	6' x 12'	EASTBOUND	DRIVING	72		8	36		9.53	17	503+18.40	6' x 12'	WESTBOUND	DRIVING	72		8	36		
6.31	15	333+13.96	6' x 12'	WESTBOUND	DRIVING	72	20	8	36	20	0.0	40	547.44.00	01401	FACTROUND	DDIVINO	70		0	20		
6.31	15 15	333+30.94 333+58.20		WESTBOUND WESTBOUND	DRIVING DRIVING	180 180	20			20 20	9.8	18 18	517+44.00 536+65.92	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8 8	36 36		+
6.36	15	335+64.24	15' x 12'		DRIVING	180		8	36		10.19	18	537+82.08	6' x 12'	EASTBOUND	DRIVING	72		8	36		
6.47	15	341+35.22	6' x 12'	EASTBOUND	DRIVING	72		8	36		10.2	18	538+50.72	6' x 12'	EASTBOUND	DRIVING	432	40	8	36	40	41
6.47	15 15	341+82.77 342+50.92	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		10.21 10.37	18 18	539+24.64 547+53.60	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8	36 36		DESIG
6.74	15	355+87.20	6' x 12'	EASTBOUND	DRIVING	72		8	36		10.37	18	548+06.40	6' x 12'	EASTBOUND	DRIVING	72		8	36		
6.78	15	357+98.40	6' x 12'	EASTBOUND	DRIVING	72		8	36		10.39	18	548+59.20	6' x 12'	EASTBOUND	DRIVING	72		8	36		
6.97	15	367+48.58	6' x 12'	EASTBOUND	DRIVING	72	-	8	36		10.4	18	549+12.00	6' x 12'	WESTBOUND	DRIVING	72		8	36		(
7.06	15 15	372+76.80 374+35.20	6' x 12' 6' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	72 72		8 8	36 36		10.57	18 18	558+09.60 567+07.20	6' x 12' 15' x 12'	WESTBOUND EASTBOUND	DRIVING DRIVING	72 180	20	8	36	20	- `
7.15	15	377+52.00	6' x 12'	EASTBOUND	DRIVING	72		8	36		10.82	18	571+28.46	6' x 12'	EASTBOUND	DRIVING	72		8	36		∃L
											10.83	18	571+82.40	6' x 12'	EASTBOUND	DRIVING	72		8	36		DESI
7.2	16	380+10.91 380+68.80	6' x 12'	WESTBOUND	DRIVING	72 72	-	8	36 36		10.88	18 18	574+20.29 578+56.73	6' x 12'	EASTBOUND	DRIVING	72	40	8	36	40	⊣⊢
7.21	16 16	380+68.80	6' x 12' 6' x 12'	EASTBOUND WESTBOUND	DRIVING DRIVING	72		8	36		10.96 10.97	18	578+56.73 579+31.13	15' x 12' 15' x 12'	EASTBOUND EASTBOUND	DRIVING DRIVING	360 360	40 40			40	– JW
7.25	16	382+67.38		WESTBOUND	DRIVING	72		8	36													PRO.
														<u> </u>				I				┥Ĺ

11.2i 11.3i		u-Engmeenngiktoadwayiksheetisi IU/801_GSUUA.dgn		_	11.2 11.3 11.3 11.3 11.3 11.3 11.4 11.5	SLM
					7 19 5 19 7 19 8 19 9 19 6 19	SHEET NO.
					594+00.00 594+95.04 599+54.40 600+38.71 600+60.00 601+39.20 605+08.80 610+26.80	STATION
					15' x 12' 15' x 12' 15' x 12' 6' x 12' 6' x 12' 6' x 12' 6' x 12' 160' x 10'	DIMENSIONS
					WESTBOUND EASTBOUND WESTBOUND WESTBOUND WESTBOUND WESTBOUND EASTBOUND WESTBOUND	DIRECTION
					DRIVING DRIVING DRIVING DRIVING DRIVING DRIVING DRIVING FULL WIDTH	LANE
					180 360 720 72 72 72 72 72 72 1600	AREA
					40 80 178	A PAVEMENT REMOVED 202
					8 8 8 8 8	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, G CLASS QC1
					36 36 36 36 36	FULL DEPTH PAVEMENT SAWING
					40 80 178	CONCRETE PAVEMENT, CLASS QC 75
				-		- -

Changed Item Ext. from 14122 to 14200

DESIGN AGENCY

SUBSUMMARY

DESIGNER
JWZ
REVIEWER
JMF MM-DD-YY

PROJECT ID

107951
SHEET TOTAL

10 22