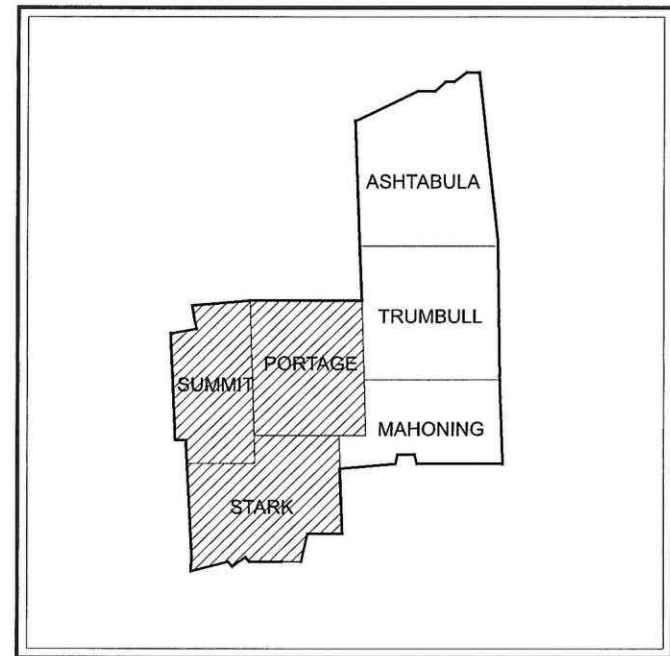


D04 - PM FY2022 (West)
 220283 PID - 106294
 Dist 4 4/28/2022

Contract Proposal available @
 www.contracts.dot.state.oh.us
 (TSEM) 2202FY-WP-700



LOCATION MAP
 LATITUDE: N41°02'08" LONGITUDE: W81°33'55"



STATE OF OHIO DEPARTMENT OF TRANSPORTATION

D04-PM-FY2022 (WEST)

PORTAGE, STARK & SUMMIT COUNTIES

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

AUXILIARY AND LONG-LINE PAVEMENT MARKING PROJECT INCLUDING WORK ORDERS IN PORTAGE, STARK, AND SUMMIT COUNTIES. ALSO INCLUDES INCLUDES INSTALLATION OF EPOXY MARKINGS ON VARIOUS ROUTES IN PORTAGE, STARK AND SUMMIT COUNTIES.

EARTH DISTURBED AREAS

PROJECT EDA: 0.0 ACRES
 ESTIMATED CONTRACTOR EDA: 0.0 ACRES
 NOTICE OF INTENT EDA: 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.

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.

INDEX OF SHEETS:

TITLE SHEET	1
GENERAL NOTES	2-3, 3A
MAINTENANCE OF TRAFFIC	4
GENERAL SUMMARY	5-6
AUXILIARY MARKINGS SUBSUMMARY	7-19
LONG-LINE MARKINGS SUBSUMMARY	20-24

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

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:
 OHIO DEPARTMENT OF TRANSPORTATION, DISTRICT 4
 2088 SOUTH ARLINGTON ROAD
 AKRON, OHIO 44306

ENGINEER'S SEAL:

 SIGNED: *Becky MocarSKI*
 DATE: 3/24/2022

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
DM-4.3	1/15/16	TC-52.20	1/15/21	800-2019	1/21/22
DM-4.4	1/15/16	TC-71.10	7/16/21	821	4/20/12
		TC-72.20	7/20/18	832	10/19/18
MT-95.30	7/19/19	TC-73.20	1/17/20	921	4/20/12
MT-97.10	4/19/19				
MT-98.11	1/17/20				
MT-98.20	4/19/19				
MT-98.22	1/17/20				
MT-98.28	1/17/20				
MT-98.29	1/17/20				
MT-99.20	4/19/19				
MT-105.10	1/17/20				
TC-41.10	7/19/13				
TC-41.20	10/18/13				
TC-52.10	10/18/13				

APPROVED *[Signature]*
 DATE 1/11/22 DISTRICT DEPUTY DIRECTOR

APPROVED *[Signature]*
 DATE 3-9-22 DIRECTOR, DEPARTMENT OF TRANSPORTATION

TITLE SHEET

DESIGN AGENCY	
DESIGNER	KMB
REVIEWER	RMM 08-10-21
PROJECT ID	106294
SHEET TOTAL	P.1 24

IN ADDITION TO THE REQUIREMENTS OF 640, THE FOLLOWING WILL APPLY:

MATERIAL QUANTITY MEASUREMENT (MAINTENANCE CONTRACT & WORK ORDER)

A DAY'S APPLIED MILEAGE OF LESS THAN 10 MILES OR A DAY'S APPLIED QUANTITY OF LESS THAN 5 GALLON OF MARKING MATERIAL USED TO APPLY OTHER TYPES OF MARKING MAY BE INCLUDED IN THE NEXT DAY'S APPLIED MARKINGS FOR THE PURPOSE OF COMPUTING MARKING MATERIAL AND BEAD APPLICATION RATES. THE QUANTITY OF MARKING MATERIAL USED SHALL BE DETERMINED BY MEASURING THE MARKING MATERIAL BEFORE AND AFTER THE MARKING MATERIAL IS APPLIED. THE CONTRACTOR SHALL PROVIDE MEASUREMENTS WHENEVER REQUESTED BY THE ENGINEER. THE MARKING MATERIAL APPLICATION RATE SHALL BE DETERMINED BY DIVIDING THE TOTAL GALLONS USED BY THE APPROPRIATE MARKING LENGTH AS DETERMINED FROM THE FOOT COUNTER AS DESCRIBED WITHIN 641.04. ANY DETERMINATION OF PAY DEDUCTION RESULTING FROM SHORTAGES IN MARKING QUANTITIES SHALL BE BASED ON THE MEASUREMENTS OBTAINED BY THIS METHOD. THE AMOUNT OF GLASS BEADS APPLIED SHALL BE ASCERTAINED BY THE ENGINEER BY OBSERVATION AND FROM INFORMATION SUPPLIED BY THE CONTRACTOR AS THE QUANTITY USED.

DAMAGE CLAIMS (MAINTENANCE CONTRACT & WORK ORDER)

IN ADDITION TO 107.12 AND 107.13 THE FOLLOWING SHALL APPLY:

COPIES OF ALL DAMAGE CLAIMS OR WRITTEN COMPLAINTS MADE AGAINST THE CONTRACTOR OR SUB- CONTRACTOR RESULTING FROM FIELD PAINTING OF PAVEMENT MARKINGS SHALL BE PROVIDED TO THE ODOT DISTRICT CONSTRUCTION ENGINEER WITHIN SEVEN (7) DAYS OF RECEIPT. THE CONTRACTOR SHALL RESPOND TO EACH CLAIM OR COMPLAINT IN A TIMELY MANNER, BUT IN NO CASE SHALL RESPONSE TAKE MORE THAN FIFTEEN (15) DAYS. A COPY OF THE RESPONSE SHALL BE PROVIDED TO THE ODOT DISTRICT CONSTRUCTION ENGINEER AT THE TIME IT IS SENT TO THE CLAIMANT OR COMPLAINT.

THE CONTRACTOR SHALL USE GOOD FAITH EFFORTS TO RESOLVE ALL DAMAGE CLAIMS AND WRITTEN COMPLAINTS. FAILURE OF THE CONTRACTOR TO ACTIVELY PURSUE RESOLUTION OF THESE MATTERS MAY RESULT IN THE SUSPENSION OF WORK UNTIL SATISFACTORY PROGRESS IS ATTAINED OR IN THE ALTERNATIVE, RESULT IN THE WITHHOLDING OF PARTIAL PAYMENTS.

LAYOUT AND PREMARKING

NEW AUXILIARY MARKINGS SHALL BE PLACED OVER EXISTING MARKINGS EXCEPT AT LOCATIONS NOTED IN THE PLANS. SCHEMATIC FORMS FOR THE LOCATIONS NOTED IN THE PLANS WILL BE FURNISHED BY THE ENGINEER AT THE PRE-CONSTRUCTION CONFERENCE. WHERE THE MARKINGS WHICH WERE TO BE RETRACED ARE NO LONGER VISIBLE, THE CONTRACTOR SHALL PRE MARK AUXILIARY MARKINGS FROM SCHEMATIC FORMS FURNISHED BY THE ENGINEER UNLESS THE ENGINEER DIRECTS OTHERWISE. THE CONTRACTOR SHALL NOT PAINT A RECENTLY STRIPED LOCATION.

HANDICAPPED MARKING SYMBOL

WHEN A PAVEMENT MARKING SYMBOL IS USED TO MARK PARKING SPACES RESERVED FOR THE HANDICAPPED, THE INTERNATIONAL SYMBOL OF ACCESS (WHEELCHAIR SYMBOL) SHALL BE USED. THE SIZE FOR THE PAVEMENT MARKING SYMBOL IS 36 INCHES WIDE AND 41 ± INCHES HIGH WITH A 4 INCH STROKE WIDTH.

INTERIM COMPLETION DATE

THE MAINTENANCE CONTRACT WORK SHALL BEGIN JULY 1ST, 2022 AND RUN FOR 3 MONTHS AS USUAL, ENDING SEPT 30TH 2022.

PAVEMENT PREPARATION (MAINTENANCE CONTRACT & WORK ORDER)

IN ADDITION TO THE REQUIREMENTS OF SPECIFICATION 641.05, THE ITEM SHALL CONSIST OF REMOVING AND DISPOSING OF EXCESSIVE AMOUNTS OF LOOSE OR FOREIGN MATERIAL (NAMELY GRITS USED FOR SNOW AND ICE CONTROL) FROM THE SURFACE TO BE MARKED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXCESS MATERIAL TO THE SATISFACTION OF THE ENGINEER, PRIOR TO MARKING THE SURFACE. THIS SHALL INCLUDE THE AREA AROUND THE SURFACE TO BE MARKED FOR EXAMPLE, AT THE GORES THE WHOLE AREA WILL BE CLEANED, NOT JUST THE LINES TO BE MARKED.

THIS WORK IS INCIDENTAL TO THE REQUIREMENTS OF 641.

CENTER LINE EQUIVALENT SOLID LINE

THE EQUIVALENT SOLID LINE QUANTITIES (TAKEN FROM THE DISTRICT NO-PASSING ZONE LOG) ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR TO ESTIMATE THE APPROXIMATE QUANTITY OF CENTER LINE PAVEMENT MARKING MATERIAL NEEDED. THESE EQUIVALENT SOLID LINE QUANTITIES ARE NOT TO BE UTILIZED FOR PAY QUANTITIES OR AS A BASIS OF PAYMENT FOR DELIVERED MATERIALS.

"T" MARKING (MAINTENANCE CONTRACT & WORK ORDER)

THE CONTRACTOR WILL NOTIFY THE DISTRICT 4 TRAFFIC OFFICE (330-786-3148) IMMEDIATELY AFTER A ROUTE HAS BEEN "T" MARKED OR 48 HOURS PRIOR TO PAVEMENT MARKING.

COMMUNITY NOTIFICATION

THE CONTRACTOR WILL ADVISE THE ODOT PROJECT ENGINEER A MINIMUM OF TWENTY-ONE (21) DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR MUST ALSO PROVIDE NOTIFICATION TO THE ODOT PROJECT ENGINEER A MINIMUM OF TWENTY-ONE (21) DAYS PRIOR TO ANY LANE RESTRICTIONS OR CLOSURES. THE ODOT PROJECT ENGINEER WILL FORWARD THE INFORMATION TO THE ODOT, DISTRICT 4 OFFICE OF PUBLIC INFORMATION FOR USE TO NOTIFY EMERGENCY SERVICES AND COMMUNITIES A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO THE START OF PROJECT CONSTRUCTION. INCLUDED IN THIS NOTIFICATION WILL BE THE PROJECTED DATES OF ANY LANE RESTRICTIONS OR CLOSURES REQUIRED BY THE PROJECT.

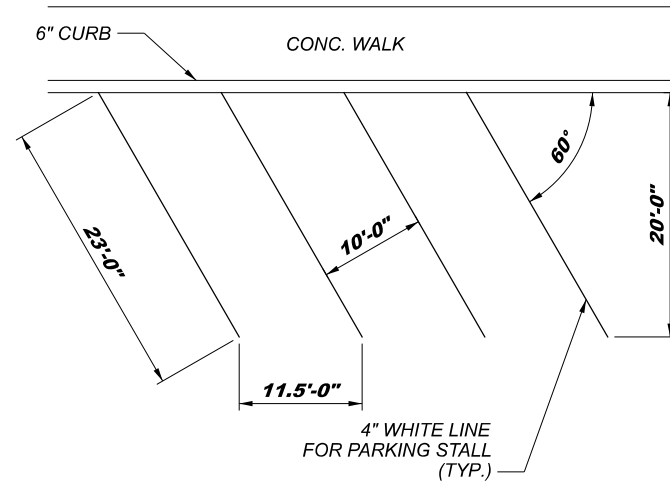
WORK WITHIN 1000 FEET OF THE SCENIC UPPER CUYAHOGA RIVER

PAVEMENT MARKING ACTIVITIES WILL BE CONDUCTED WITHIN 1000 FEET OF THE STATE SCENIC UPPER CUYAHOGA RIVER IN THE CITY OF STREETSBO, VILLAGE OF MANTUA AND SHALERSVILLE TOWNSHIP, PORTAGE COUNTY. THE PROJECT ENGINEER SHALL NOTIFY THE ODNR SCENIC RIVER MANAGER/NF REGION OF THE PROJECT PRECONSTRUCTION MEETING AND PROVIDE NOTIFICATION OF THE PROJECT START DATE AND SCHEDULE A MINIMUM OF 15 CALENDAR DAYS PRIOR TO COMMENCEMENT OF WORK:

THE CONTRACTOR IS PROHIBITED FROM STAGING/STORING IDLE EQUIPMENT, FUELS, AND ANY STORAGE FOR OR POTENTIALLY TOXIC OR HAZARDOUS MATERIALS WITH ANY 100-YEAR FLOOD PLAIN (FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA) AND/OR WITHIN 1000 FEET OF THE SCENIC UPPER CUYAHOGA RIVER.

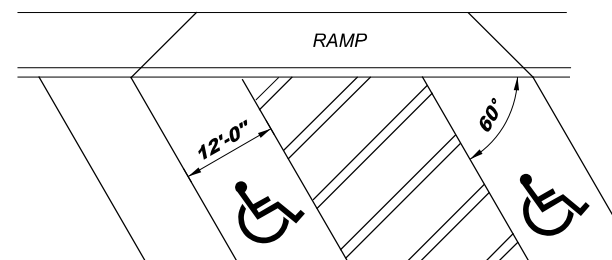
TYP. PARKING STALL PAVEMENT MARKING

NOT TO SCALE



TYP. HANDICAP PARKING STALL PAVEMENT MARKING

NOT TO SCALE



642 SPEED MEASUREMENT MARKING

THE CONTRACTOR SHALL STRIPE AIR SPEED ZONE MARKINGS AT THE FOLLOWING LOCATIONS (INTERSTATE LOCATION MILEPOST IS 'STATE LOG'):

POR		LOCATION
I-76	EB	29.75 TO 30.75
I-76	EB	46 TO 48
I-76	WB	51 TO 49
I-76	EB	36.75 TO 37.75
STA		
SR 21	NB & SB	17.25 TO 18.75
US 30	WB	11.2 TO 10.2
US 30	EB	10.6 TO 11.6
US 30	EB	15.4 TO 16.4
US 62	WB	31.2 TO 32.2
I-77	NB&SB	108 TO 109
SUM		
SR 8	SB	10.8 TO 9.8
SR 8	NB	11.2 TO 12.2
SR 21	NB & SB	6.9 TO 7.9
I-76	WB	16.5 TO 15.5
I-76	EB	13.0 TO 14.0
I-76	EB	25.8 TO 26.8
I-77	NB	118.0 TO 119.0
I-77	SB	119.6 TO 118.6
I-77	SB	134.8 TO 133.8
I-271	SB	10 TO 9
I-277	EB	2 TO 3
I-277	WB	3.5 TO 2.5

MARKINGS ARE 2' WIDE BY 9' LONG [6' INSIDE THE LANE AND 3' INSIDE THE SHOULDER].

THERE ARE 5 LINES IN EACH 1 MILE SECTION THAT NEED REMARKED AND THERE ARE 9 LINES IN EACH 2 MILE SECTION THAT NEED REMARKED. THE FOLLOWING HAS BEEN CARRIED TO THE GENERAL SUMMARY:

642 SPEED MEASUREMENT MARKING 133 EACH

WORK ORDER NOTES

SCOPE OF WORK

THIS IS A DISTRICT WIDE "FAST DRY PAVEMENT MARKING REPAIR PROJECT" INCLUDING WORK IN PORTAGE, STARK & SUMMIT COUNTIES ON VARIOUS ROUTES AND SECTIONS.

THE INTENT OF THIS PROJECT IS TO REPAIR PAVEMENT MARKING WORN BY TRAFFIC, TO REPLACE PAVEMENT MARKINGS COVERED BY VARIOUS MAINTENANCE ACTIVITIES PERFORMED BY DISTRICT 4 PERSONNEL, ADD NEW AND/OR REMOVE OR MODIFY EXISTING MARKINGS. THE QUANTITIES GIVEN IN THE GENERAL SUMMARY ARE AN ESTIMATE, ACTUAL QUANTITIES MAY VARY.

THE LOCATION & ESTIMATED QUANTITY OF PAVEMENT MARKING TO BE REPAIRED SHALL BE FURNISHED TO THE ENGINEER BY DISTRICT 4 TRAFFIC. EVERY EFFORT WILL BE MADE BY DISTRICT 4 TRAFFIC TO GROUP THE LOCATIONS BY COUNTY TO MINIMIZE TRAVEL TIME FOR CONTRACTOR.

THE CONTRACTOR SHALL NOT PERFORM ANY PAVEMENT MARKING REPAIR WORK UNTIL HE RECEIVES THE AUTHORIZATION FROM THE ENGINEER. THIS AUTHORIZATION SHALL BE IN THE FORM OF AN INTER-OFFICE COMMUNICATION WITH LOG SHEETS & STRIPING DETAILS ATTACHED.

THE ENGINEER SHALL FURNISH TO THE CONTRACTOR A COMPLETED & SIGNED "WORK ORDER" FOR EACH LOCATION OF WORN OR MISSING PAVEMENT MARKING BEFORE THE CONTRACTOR MAY COMMENCE THE REPAIR WORK. WITHIN TWO (2) WEEKS OF RECEIVING A WORK ORDER, THE CONTRACTOR SHALL COMPLETE THE WORK, AS LONG AS THERE IS INCOMPLETE WORK OR THE CONTRACTOR IS IN POSSESSION OF THE PENALTIES AS SET FORTH IN SECTION 108 OF THE SPECIFICATIONS. CONTINUAL LACK OF THE CONTRACTOR TO PURSUE THE WORK IN A TIMELY MANNER MAY RESULT IN THE TERMINATION OF THE CONTRACT. WHEN MULTIPLE WORK ORDERS HAVE BEEN ISSUED & REMAIN INCOMPLETE, THE CONTRACTOR SHALL WORK ON THE LOCATIONS IN THE ORDER OF PRIORITY AS DIRECTED BY THE ENGINEER. NO NEW WORK LOCATIONS SHALL BE INITIATED BY THE CONTRACTOR PRIOR TO COMPLETION OF WORK ALREADY IN PROGRESS AT ANY GIVEN LOCATION, UNLESS OTHERWISE APPROVED BY THE ENGINEER. DISTRICT TRAFFIC WILL PROVIDE CENTERLINE LOG SHEETS & AUXILIARY DETAIL SHEETS TO THE THE ENGINEER FOR EACH LOCATION TO BE REPAIRED.

TERM OF CONTRACT

THE CONTRACTOR WILL BEGIN WORK ON JULY 1, 2022 OR LATER, AS DIRECTED BY THE ENGINEER. THIS DATE IS AFTER THE SCHEDULED COMPLETION DATE FOR THE 2021 D04 PAVEMENT MARKING (WO) PROJECT. THIS CONTRACT SHALL RUN THROUGH JUNE 30, 2023.

ITEM 642 - PAVEMENT MARKING, MISC: URGENT REPAIR

SHOULD A WORK ORDER BE DESIGNATED 'URGENT REPAIR' BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL HAVE 72 HOURS TO COMPLETE REPAIRS AFTER RECEIPT TO THE WORK ORDER. THIS 72 HOURS AFTER NOTIFICATION SHALL BE DEEMED AN INTERIM COMPLETION DATE, SUBJECT TO DISINCENTIVES. A DISINCENTIVE OF \$750.00 SHALL BE ASSESSED FOR ANY PORTION OF A CALENDAR DAY THAT HAS EXCEEDED SUCH LIMIT. THE INTENT OF THIS ITEM OF WORK IS TO COMPENSATE THE CONTRACTOR FOR HIS COST TO QUICKLY RESPOND AND COMPLETE THE URGENT REPAIR REQUEST. PAYMENT FOR THIS ITEM OF WORK SHALL BE FOR EACH URGENT REPAIR REQUEST SUCCESSFULLY COMPLETED WITHIN THE 72 HOURS ALLOTTED. ALL MATERIAL, LABOR, EQUIPMENT, ETC, REQUIRED FOR THE REPAIR WILL BE PAID AT THE UNIT PRICES SET UP WITHIN THE PLAN.

624 MOBILIZATION, AS PER PLAN

BECAUSE THE TOTAL NUMBER OF LOCATIONS TO BE STRIPED MAY BE REVISED BY THE SITE INSPECTION & MAY BE SPREAD ACROSS THE DISTRICT'S COUNTIES, PAYMENT FOR ITEM 624 "MOBILIZATION, AS PER PLAN" WILL BE ON AN EACH BASIS FOR EACH LOCATION WHERE THE CONTRACTOR HAS SATISFACTORILY COMPLETED THE CONTRACT WORK.

GENERAL NOTES

D04-PM-FY2022 (WEST)

MODEL: Sheet PAPER SIZE: 17x11 (in.) DATE: 2/8/2022 TIME: 12:45:14 PM USER: kburns pwc\hobol-pw-bentley.com\hobol-pw-02\Documents\01 Active Projects\District 04\04106294\00-Engineering\Roadway\Sheets\106294_GN001.dgn

DESIGN AGENCY



DESIGNER

KMB

REVIEWER

RMM 08-10-21

PROJECT ID

106294

SHEET

TOTAL

P.2 24

STATE SCENIC UPPER CUYAHOGA RIVER - AVOIDANCE

THE CONTRACTOR SHALL NOT DISCHARGE TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTE-WATER, FUELS OR DEBRIS OF ANY KIND TO A SCENIC RIVER, ITS TRIBUTARIES, OR DRAINAGE WAYS. IF REFUELING OF IMMOBILE EQUIPMENT IS NECESSARY WITHIN THE FLOODPLAIN OR NEAR ANY TRIBUTARY DRAINAGE WAYS, DITCHES, OR STREAM, THE CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT WITH ENOUGH CAPACITY TO COMPLETELY CONTAIN AND COLLECT ALL POTENTIAL LIQUID WASTES IN THE EVENT OF A SPILL. ANY AND ALL CONSTRUCTION DEBRIS, EARTHEN DEBRIS, EXCESS ASPHALT OR CONCRETE, WOOD DEBRIS FROM CLEARING, EXCESS FILL MATERIAL, AND TRASH SHOULD BE DISPOSED OF AT AN APPROVED UPLAND SITE OR LAND FILL ABOVE FEMA 100-YEAR FLOOD ELEVATIONS. DISPOSAL OF ANY SUCH MATERIALS WITHIN 1000 FEET OF THE STATE SCENIC UPPER CUYAHOGA IS PROHIBITED. THE CONTRACTOR SHALL KEEP ALL IDLE EQUIPMENT, FUELS, LUBRICANTS, AND ANY STORAGE FOR/OF POTENTIALLY TOXIC OR HAZARDOUS MATERIALS OUT OF THE FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA AND NOT WITHIN 1000 FEET OF THE STATE SCENIC UPPER CUYAHOGA RIVER.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER 40 DAYS PRIOR TO WORK WITHIN 1000 FEET OF THE STATE SCENIC UPPER CUYAHOGA RIVER. THE PROJECT ENGINEER SHALL NOTIFY THE DISTRICT ENVIRONMENTAL COORDINATOR 35 DAYS PRIOR TO WORK WITHIN 1000 FEET OF THE SCENIC RIVER. THE DISTRICT ENVIRONMENTAL COORDINATOR SHALL COORDINATE WITH ODNR SCENIC RIVERS A MINIMUM OF 30 DAYS PRIOR TO ANY WORK WITHIN 1000 FEET OF STATE SCENIC UPPER CUYAHOGA

IN ACCORDANCE WITH ORC 3750.06, REPORTABLE SPILLS MUST BE REPORTED TO THE LOCAL FIRE DEPARTMENT (911), THE PORTAGE COUNTY EMERGENCY MANAGEMENT DEPARTMENT (330-297-3607) AND THE OHIO SPILL LINE HOTLINE (1-800-282-9378).

ITEM 646 - PAVEMENT MARKINGS

THE BELOW ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO STRIPE THE FOLLOWING ROUTES WITH EPOXY. INTERSECTIONS WITHIN ROUTES WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING.

POR 44 SLM 19.18 - 22.14 & SLM 24.19 - 26.76 (PID 96560)

Table listing pavement marking items for POR 44 SLM, including Edge Line (10.26 miles), Lane Line (0.68 miles), Center Line (5.53 miles), Channelizing Line (2663 feet), Stop Line (56 feet), Cross Walk Marking (34 feet), Lane Arrow (32 each), School Symbol Marking (3 each).

POR 82 SLM 13.8 - 17.9 (PID 96560)

Table listing pavement marking items for POR 82 SLM, including Edge Line (6.12 miles), Center Line (4.09 miles), Channelizing Line (300 feet), Stop Line (90 feet), Cross Walk Marking (786 feet), Lane Arrow (10 each), Island Marking (48 each).

POR 305 SLM 5.65 - 7.36 (PID 110676)

Table listing pavement marking items for POR 305 SLM, including Edge Line 6" (3.42 miles), Center Line (1.71 miles).

STA 30 SLM 0.00 - 9.58 (PID 107458)

Table listing pavement marking items for STA 30 SLM, including Stop Line (276 feet), Wrong Way Arrow (10 each), Chevron Marking (350 feet).

STA 30 SLM 25.84 - 31.96 (PID 105235)

Table listing pavement marking items for STA 30 SLM, including Edge Line (12.2 miles), Center Line (6.1 miles), Stop Line (43 feet).

STA 44 SLM 8.84 - 12.19 (PID 98389)

Table listing pavement marking items for STA 44 SLM, including Channelizing Line (370 feet), Stop Line (93 feet), Cross Walk Marking (283 feet), Lane Arrow (7 each), Transverse Diagonal Line (281 feet).

ITEM 646 - PAVEMENT MARKINGS CONT.

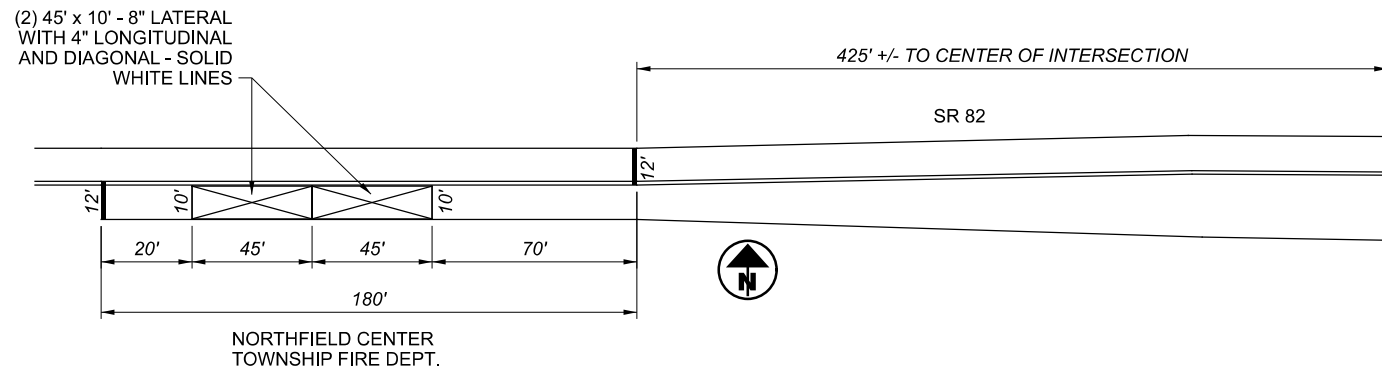
Main table listing pavement marking items for various stationing points, including STA 62 SLM, STA 153 SLM, STA 183 SLM, STA 619 SLM, and various SLM ranges. Items include Edge Line, Center Line, Channelizing Line, Stop Line, Lane Arrow, Transverse Diagonal Line, Island Marking, Chevron Marking, and Yield Line Marking.

ITEM 642 - TRANSVERSE/DIAGONAL LINE, TYPE 1, AS PER PLAN, 4"

AN ESTIMATED QUANTITY OF 395 FT. OF TRANSVERSE/DIAGONAL LINE, TYPE 1, AS PER PLAN, 4" HAS BEEN PROVIDED IN THE AUXILIARY SUBSUMMARY FOR THE FIRE SIGNAL ON SUM-82 AT SLM 2.67. THE MARKINGS SHALL BE WHITE AND ARE FOR DO NOT BLOCK INTERSECTION MARKINGS.

ITEM 642 TRANSVERSE/DIAGONAL LINE, TYPE 1, AS PER PLAN, 4" 365 FEET

INSTALL "X"'S IN EASTBOUND LANE AT FIRE DRIVE 8" = 30' 4" = 365'



ITEM 642 - CHEVRON MARKING, TYPE 1

THE BELOW ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO PAINT CHEVRON MARKINGS THROUGHOUT PORTAGE, STARK AND SUMMIT COUNTIES.

POR 480 WB RAMP AT FROST RD. (SLM 0.83)

Table listing chevron marking quantities for various locations including POR 480 WB RAMP, STA U.S. 30 EB AT S.R. 21 SB, STA U.S. 30 WB TO S.R. 21 SB, STA U.S. 30 EB TO S.R. 21 NB, STA U.S. 30 WB TO S.R. 21 NB, STA U.S. 30 EB TO I.R. 77 SB, STA U.S. 30 WB TO I.R. 77, STA U.S. 30/ S.R. 43 WB TO I.R. 77 NB, STA U.S. 62 WB - I.R. 77 SB TO U.S. 30 EB, STA U.S. 62 EB TO I.R. 77 SB, STA U.S. 62 AT REGENT AVE NE, STA U.S. 62 AT HARMONT AVE, STA U.S. 62 AT BROADWAY AVE, STA I.R. 77 NB TO U.S. 30 EB, STA I.R. 77 NB TO U.S. 30 / U.S. 62 WB, STA I.R. 77 SB TO U.S. 30 / U.S. 62, STA I.R. 77 NB OFF RAMP AT S.R. 687, STA I.R. 77 NB TO US 62 EAST, STA I.R. 77 SB TO US 62 EAST, STA I.R. 77 SB TO US 62 EAST, STA S.R. 8 AT E. BOSTON MILLS RD, STA S.R. 8 NB AT I.R. 271 NB.

ITEM 642 - PAVEMENT MARKINGS CONT.

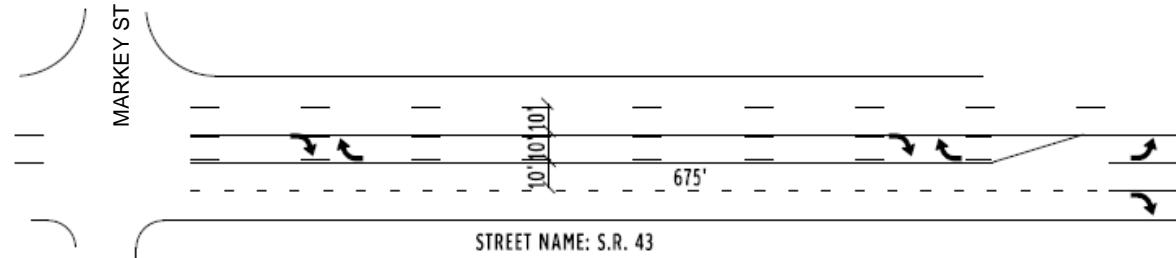
Table listing pavement marking quantities including SUM S.R. 21 AT MINOR RD, I.R. 76 EB TO S.R. 21 SB, I.R. 76 WB TO S.R. 21 NB, SUM I.R. 76 EB TO I.R. 277 SB, SUM I.R. 76 EB FROM I.R. 277 WB, SUM I.R. 76 EB TO I.R. 77 SB, SUM I.R. 76 WB TO I.R. 77 NB, SUM I.R. 77 NB TO U.S. 224 EB, SUM I.R. 77 NB TO I.R. 277 / U.S. 224, SUM I.R. 77 NB TO I.R. 277 / U.S. 224, SUM I.R. 77 NB AT I.R. 76 / S.R. 8, SUM I.R. 77 SB TO I.R. 76 SB, SUM I.R. 77 NB TO S.R. 21 SB, SUM I.R. 271 NB TO I.R. 77 NB, SUM I.R. 271 SB TO I.R. 77 SB, SUM I.R. 271 NB TO S.R. 8, SUM I.R. 277 / U.S. 224 TO I.R. 76 WB, and I.R. 77 WB FROM I.R. 77 SB.

GENERAL NOTES

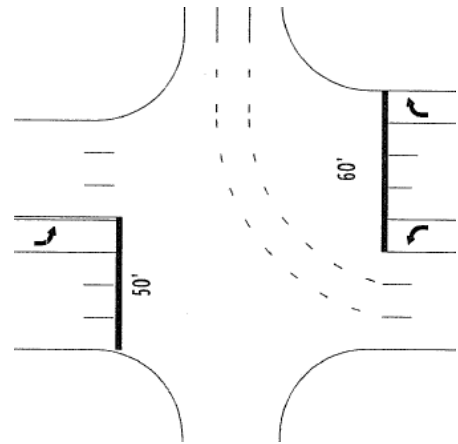
ITEM 646 - DOTTED LINE (STA 43 SLM 19.05 TO 19.17)

THE CONTRACTOR SHALL REMOVE 0.12 MILE OF LANE AND INSTALL 675 FEET OF DOTTED LINE AS SHOWN BELOW BETWEEN MARKEY ST. AND APPLGROVE. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 646 DOTTED LINE, 675 FEET
 ITEM 646 MILE REMOVAL OF PAVEMENT MARKING, 0.12 MILES



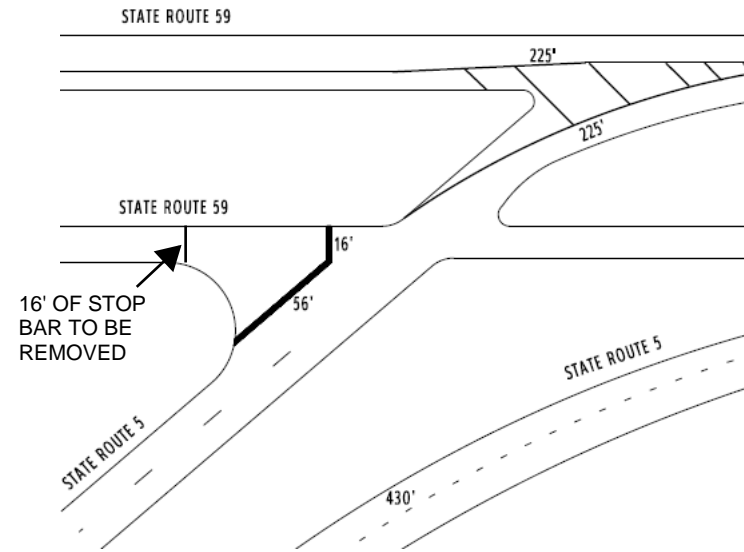
DETAIL FOR SUM-18-1.55 AT MONTROSE WEST AVE.



ITEM 646 - STOP LINE (POR 5 SLM 4.40)

THE CONTRACTOR SHALL REMOVE 16 FEET OF STOP LINE AND AND INSTALL 72 FEET OF STOP LINE AS SHOWN BELOW AT SR 59. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 646 STOP LINE, 72 FEET
 ITEM 646 REMOVAL OF PAVEMENT MARKING, 16 FEET



MAINTENANCE OF TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

1. ON ALL ROADWAYS:

4 LANES OR MORE: A MINIMUM OF ONE ELEVEN FOOT LANE IN EACH DIRECTION WILL BE MAINTAINED.

3 LANES OR FEWER: A MINIMUM OF ONE TEN FOOT BIDIRECTIONAL LANE WILL BE MAINTAINED ON EXISTING PAVEMENT DURING PAVEMENT MARKING OPERATIONS.

SHOULDERS WILL NOT BE USED TO MAINTAIN TRAFFIC

2. THE CONTRACTOR SHALL INFORM THE DISTRICT OFFICE (330) 786-2208, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.

3. LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY REMOVING AND/OR PLACING PAVEMENT MATERIALS.

4. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.

5. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS TWO (2) MILES RURAL OR ONE (1) MILE URBAN.

6. THE CONTRACTOR WILL DO ABSOLUTELY NO WORK OR CLOSE ANY LANES OF TRAFFIC, IN ANY DIRECTION DURING THE PEAK HOURS OF 6:00 AM - 9:00 AM AND 3:00 PM - 6:00 PM DURING THE WEEKDAY ON THE FOLLOWING ROUTES:

SUMMIT COUNTY

SR 8 FROM BOSTON HEIGHTS CORP. TO MACEDONIA CORP.

7. THE CONTRACTOR WILL WORK AT NIGHT (10:00 PM TO 6:00 AM) ON WEEKDAYS OR AT NIGHT (10:00 PM TO 8:00 AM) ON WEEKENDS AT THE FOLLOWING LOCATIONS:

STARK COUNTY

SR 687 FROM THE JCT SR 241 TO THE WEST CORP. CANTON
 SR 800 FROM 53RD ST. TO SOUTH CORP. CANTON

SOME OF THESE LOCATIONS MAY NOT BE PART OF THIS PLAN. ANY ADDITIONAL WEEKEND AND/OR NIGHT WORK WILL REQUIRE APPROVAL BY THE ENGINEER/SUPERVISOR.

LANE CLOSURES

DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AS PER THE PERMITTED LANE CLOSURE CHART. THE PERMITTED LANE CLOSURE CHART USED FOR THIS PROJECT SHALL BE THE MOST CURRENT CHART AVAILABLE ON THE DATE THIS PROJECT SELLS.

THE CHART CAN BE FOUND AT: <http://plcm.dot.state.oh.us>

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THE REQUIREMENTS IN THE CHART, THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES IN THE AMOUNT OF \$2500 PER HOUR OR PORTION THEREOF THAT THE LANE REDUCTION REMAINS BEYOND THE SPECIFIED LIMIT.

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

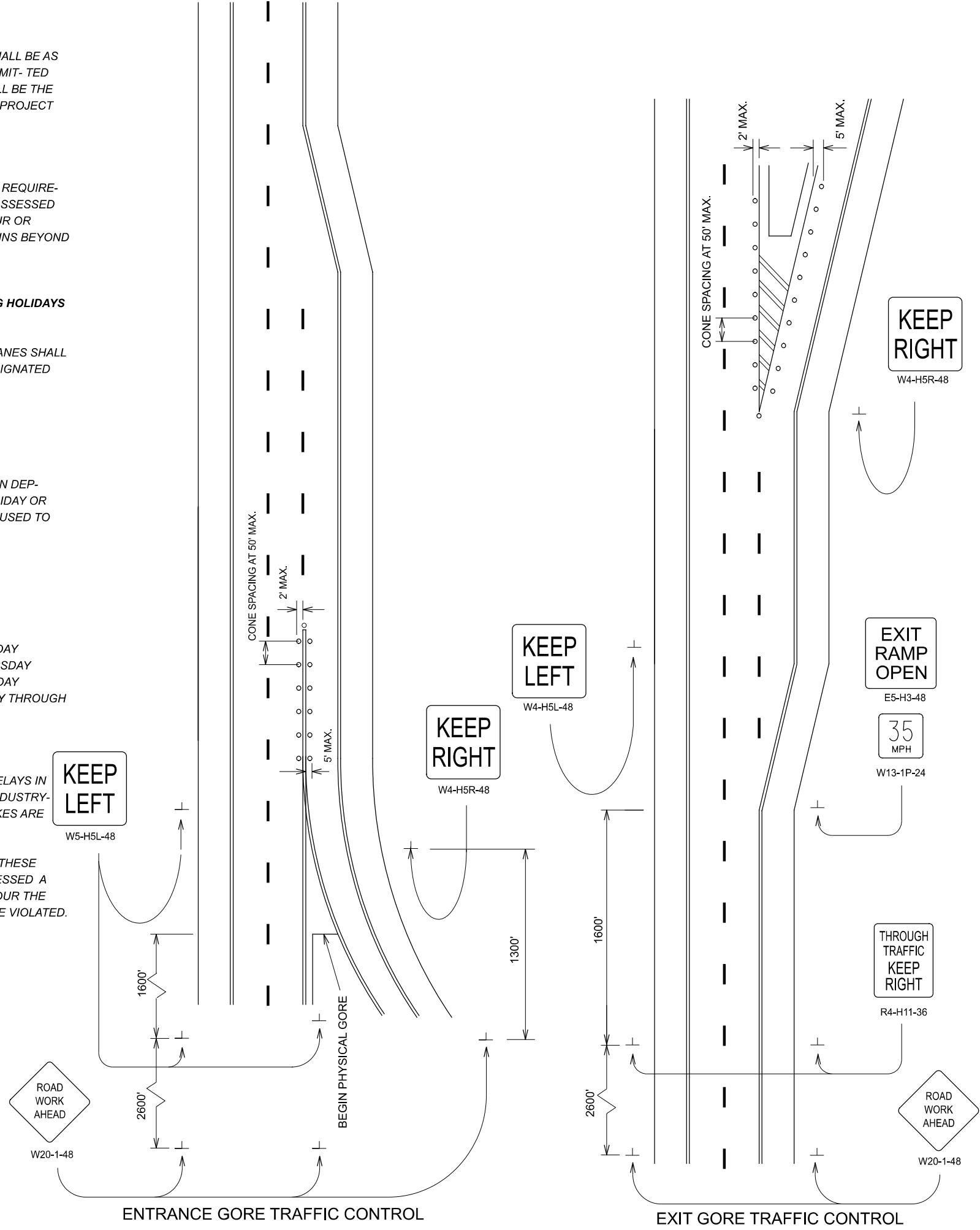
THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

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 FRIDAY
 THURSDAY (THANKSGIVING ONLY) 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

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

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 CLOSURE RESTRICTIONS ARE VIOLATED.



MAINTENANCE OF TRAFFIC

DESIGN AGENCY	
DESIGNER	KMB
REVIEWER	RMM 08-10-21
PROJECT ID	106294
SHEET	TOTAL
P:4	24

MODEL: Sheet PAPER: 17x11 (in.) DATE: 2/16/2022 TIME: 12:49:40 PM USER: kburns
pwc:\ohodoc-pw-bentley.com\shahlo-dpw-02\Documents\01 Active Projects\District 04\DO4106294\100-Engineering\Roadway\Sheets\106294_GG001.dgn

SHEET NUM.															PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.					
7	8	9	10	11	12	13	14	15	16	17	18	19	20-21	22-24	01/NFP/OT											
																				EROSION CONTROL						
																	1,000	832	30000	1,000	EACH	EROSION CONTROL				
																								TRAFFIC CONTROL		
														378.62	807.2	1,185.82	642	00104	1,185.82	MILE	EDGE LINE, 6", TYPE 1					
																125	642	00104	125	MILE	EDGE LINE, 6", TYPE 1, WORK ORDER					
													65.65	279.31	344.96	642	00204	344.96	MILE	LANE LINE, 6", TYPE 1						
																75	642	00204	75	MILE	LANE LINE, 6", TYPE 1, WORK ORDER					
													129.64	179.52	309.16	642	00300	309.16	MILE	CENTER LINE, TYPE 1						
																35	642	00300	35	MILE	CENTER LINE, TYPE 1, WORK ORDER					
10,549	3,717	8,669	2,512	3,386	6,999	5,706	11,484	9,070	2,165	3,908	10,030	1,903			80,098	642	00400	80,098	FT	CHANNELIZING LINE, 8", TYPE 1						
															3,750	642	00400	3,750	FT	CHANNELIZING LINE, 8", TYPE 1, WORK ORDER						
	23,225	3,700	4,062	5,820	41,327	1,045			12,060	33,720	20,519	12,265			179,679	642	00404	179,679	FT	CHANNELIZING LINE, 12", TYPE 1						
															1,000	642	00404	1,000	FT	CHANNELIZING LINE, 12", TYPE 1, WORK ORDER						
880	848	1,033	561	758	655	1,105	1,507	1,011	703	486	1,050	162			10,759	642	00500	10,759	FT	STOP LINE, TYPE 1						
															650	642	00500	650	FT	STOP LINE, TYPE 1, WORK ORDER						
170	140		280	50	549	1,282	2,184	2,320	870	1,143	640				9,628	642	00620	9,628	FT	CROSSWALK LINE, 12", TYPE 1						
															175	642	00620	175	FT	CROSSWALK LINE, 12", TYPE 1, WORK ORDER						
2,622	1,670	2,575	148	629		251	717		1,976	875	3,668	2,160			17,291	642	00700	17,291	FT	TRANSVERSE/DIAGONAL LINE, TYPE 1						
															1,250	642	00700	1,250	FT	TRANSVERSE/DIAGONAL LINE, TYPE 1, WORK ORDER						
															365	642	00701	365	FT	TRANSVERSE/DIAGONAL LINE, TYPE 1, AS PER PLAN, 4"	3					
															4,588	642	00720	4,588	FT	CHEVRON MARKING, TYPE 1	3					
161	262		139		85	123	466	185		226	478	57			2,182	642	00900	2,182	SF	ISLAND MARKING, TYPE 1						
															163	642	00900	163	SF	ISLAND MARKING, TYPE 1, WORK ORDER						
		4		7			5				2				18	642	01000	18	EACH	RAILROAD SYMBOL MARKING, TYPE 1						
															3	642	01000	3	EACH	RAILROAD SYMBOL MARKING, TYPE 1, WORK ORDER						
8				4		4	2			2	8	3			31	642	01110	31	EACH	SCHOOL SYMBOL MARKING, 96", TYPE 1						
															5	642	01110	5	EACH	SCHOOL SYMBOL MARKING, 96", TYPE 1, WORK ORDER						
528	1,500		620							1,426	1,380				5,454	642	01200	5,454	FT	PARKING LOT STALL MARKING, TYPE 1						
															500	642	01200	500	FT	PARKING LOT STALL MARKING, TYPE 1, WORK ORDER						
168	93	115	73	72	116	145	282	118	48	86	167	26			1,509	642	01300	1,509	EACH	LANE ARROW, TYPE 1						
															38	642	01300	38	EACH	LANE ARROW, TYPE 1, WORK ORDER						
9	6	4		2		18	1			5	1	2			48	642	01312	48	EACH	LANE REDUCTION ARROW, TYPE 1						
															5	642	01312	5	EACH	LANE REDUCTION ARROW, TYPE 1, WORK ORDER						
4	19	2	8	11	14				10	30	13	8	7		126	642	01322	126	EACH	WRONG WAY ARROW, TYPE 1						
															2	642	01410	2	EACH	WORD ON PAVEMENT, 96", TYPE 1						
2,625	16,295	7,525	5,660	8,512	16,185	6,972	1,015	5,820	16,770	15,300	12,653	5,540			120,872	642	01510	120,872	FT	DOTTED LINE, 6", TYPE 1						
															1,290	642	01510	1,290	FT	DOTTED LINE, 6", TYPE 1, WORK ORDER						
	12									8	4				24	642	01702	24	EACH	HANDICAP SYMBOL MARKING, TYPE 1						
															3	642	01702	3	EACH	HANDICAP SYMBOL MARKING, TYPE 1, WORK ORDER						
															1,250	642	30000	1,250	FT	REMOVAL OF PAVEMENT MARKING, WORK ORDER						
															250	642	30010	250	SF	REMOVAL OF PAVEMENT MARKING, WORK ORDER						
															12	642	30020	12	EACH	REMOVAL OF PAVEMENT MARKING, WORK ORDER						
															133	642	40000	133	EACH	SPEED MEASUREMENT MARKING						
															8	642	50010	8	EACH	PAVEMENT MARKING, MISC.: URGENT REPAIR, WORK ORDER	2					
															68.04	646	10010	68.04	MILE	EDGE LINE, 6"	3					
															10	646	10010	10	MILE	EDGE LINE, 6", WORK ORDER						
															10.12	646	10110	10.12	MILE	LANE LINE, 6"	3					
															10	646	10110	10	MILE	LANE LINE, 6", WORK ORDER						
															25.72	646	10200	25.72	MILE	CENTER LINE	3					
															5	646	10200	5	MILE	CENTER LINE, WORK ORDER						
															10,022	646	10310	10,022	FT	CHANNELIZING LINE, 12"	3					
															1,000	646	10310	1,000	FT	CHANNELIZING LINE, 12", WORK ORDER						
															1,573	646	10400	1,573	FT	STOP LINE	3					
															100	646	10400	100	FT	STOP LINE, WORK ORDER						
															3,563	646	10510	3,563	FT	CROSSWALK LINE, 12"	3					
															1,610	646	10600	1,610	FT	TRANSVERSE/DIAGONAL LINE	3					
															150	646	10600	150	FT	TRANSVERSE/DIAGONAL LINE, WORK ORDER						
															2,030	646	10620	2,030	FT	CHEVRON MARKING	3					
															434.5	646	10800	434.5	SF	ISLAND MARKING	3					

GENERAL SUMMARY

DESIGN AGENCY




DESIGNER	KMB
REVIEWER	RMM 08-10-21
PROJECT ID	106294
SHEET TOTAL	P:5 24

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	
7	8	9	10	11	12	13	14	15	16	17	18	19	01/NFP/OT	EXT	TOTAL					
TRAFFIC CONTROL																				
														1	646	20000	1	EACH	RAILROAD SYMBOL MARKING	3
														3	646	20110	3	EACH	SCHOOL SYMBOL MARKING, 96"	3
														150	646	20300	150	EACH	LANE ARROW	3
														10	646	20300	10	EACH	LANE ARROW, WORK ORDER	
														16	646	20320	16	EACH	WRONG WAY ARROW	3
														10	646	20320	10	EACH	WRONG WAY ARROW, WORK ORDER	
														5,108	646	20500	5,108	FT	DOTTED LINE	3
														500	646	20500	500	FT	DOTTED LINE, WORK ORDER	
														48	646	20800	48	FT	YIELD LINE	3
														16	646	50100	16	FT	REMOVAL OF PAVEMENT MARKING	
														0.12	646	50300	0.12	MILE	REMOVAL OF PAVEMENT MARKING	
MAINTENANCE OF TRAFFIC																				
														13	614	13600	13	EACH	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY, WORK ORDER	
														13	614	13700	13	EACH	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A FOUR LANE UNDIVIDED HIGHWAY, WORK ORDER	
														13	614	13800	13	EACH	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A 4 LANE OR GREATER DIVIDED HIGHWAY, WORK ORDER	
INCIDENTALS																				
														LS	614	11000	LS		MAINTAINING TRAFFIC	
														LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
														LS	624	10000	LS		MOBILIZATION	
														25	624	15001	25	EACH	MOBILIZATION, AS PER PLAN, WORK ORDER	2

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
KMB

REVIEWER
RMM 08-10-21

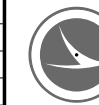
PROJECT ID
106294

SHEET TOTAL
P.6 | 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROW EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
POR	SR 5 AT WB I-76 RAMPS	0.66	NW'20 100957																			
POR	SR 5 @ LYNN RD.	0.72	NW'20 100957																			
POR	SR 5 @ TONSING DR.	0.87	NW'20 100957																			
POR	SR 5 SB ON RAMP SB SR 44 SPUR	0.96																				
POR	SR 5 NB OFF RAMP NB SR 44 SPUR	1.06																				
POR	SR 5 SB @ BEGIN RAMP	1.15																				
POR	SR 5 @ BEGIN MEDIAN	3.16	NW'20 100957																			
POR	SR 5 @ LAKE ST.	3.44	NW'20 100957																			
POR	SR 5 @ NEW MILFORD RD.	3.63	NW'20 100957																			
POR	SR 5 WB ON RAMP FROM SR 14	3.80	NW'20 100957																			
POR	SR 5 EB OFF RAMP TO SR 14	3.94	NW'20 100957																			
POR	SR 5 WB OFF RAMP TO SR 14	4.22	NW'20 100957																			
POR	SR 5 EB ON RAMP FROM SR 14	4.33	NW'20 100957																			
POR	SR 5 WB @ SR 59	4.57	NW'20 100957																			
POR	SR 5 EB @ SR 59	4.50	NW'20 100957																			
POR	SR 5 @ ORDINANCE PLANT ENTR.	10.98																				
POR	SR 5 @ SR 225	13.01																				
POR	SR 14 @ DAWLEY RD.	7.81																				
POR	SR 14 @ CLEVELAND RD.	8.89	40	100																		
POR	SR 14 @ INFIRMARY RD.	9.34	54																			
POR	SR 14 @ ENTERPRISE PKWY	9.91		117																		
POR	SR 14 @ SR 44/CHESTNUT ST.	10.20	76																			
POR	SR 14 @ LOOMIS PARKWAY	10.56																				
POR	SR 14 @ SR 88	11.01	67																			
POR	SR 14 @ SR 59	12.58	65																			
POR	SR 14 @ SR 5 WB RAMPS	12.91	43																			
POR	SR 14 @ SR 5 EB RAMPS	13.06	15																			
POR	SR 14 @ WEST OF BOOTH	15.85																				
POR	SR 14 @ ST. ANDREWS WAY	17.13																				
POR	SR 14 @ BEGIN MEDIAN	17.25																				
POR	SR 14 @ I-76 WB RAMP	17.36																				
POR	SR 14 @ I-76 EB RAMP	17.56																				
POR	SR 14 @ END MEDIAN	17.65																				
POR	SR 14 @ PARK N RIDE	17.86																				
POR	SR 14 @ TALLMADGE RD.	18.06	66																			
POR	SR 14 @ SR 183	18.24	24																			
POR	SR 14 @ DEERFIELD CIRCLE, NORTH SIDE	25.34	36																			
POR	SR 14 @ DEERFIELD CIRCLE, SOUTH SIDE	25.38	36																			
POR	SR 43 @ WATERLOO RD.	2.47	24																			
POR	SR 43 @ US 224	2.75	64																			
POR	SR 43 @ FIELD HIGH SCHOOL	5.56																				
POR	SR 43 @ OLD FORGE	6.57	24																			
POR	SR 43 @ TALLMADGE RD.	7.76	65																			
POR	SR 43 TWLTL S OF TALLMADGE RD (7.62-7.71)																					
POR	SR 43 @ 2 WAY LEFT (7.84-8.01)																					
POR	SR 43 @ BRIMFIELD X-ING/ FALCON DR.	8.06																				
POR	SR 43 @ TOWN SQUARE RD.	8.16																				
POR	SR 43 @ I-76 EB RAMPS	8.19	61																			
POR	SR 43 @ I-76 WB RAMPS	8.36	80																			
POR	SR 43 @ SANCTUARY VIEW DR.	8.52																				
POR	SR 43 @ 2-WAY LEFT (8.53-8.74)																					
POR	SR 43 @ BRIMFIELD RD.	8.75																				
POR	SR 43 @ 2-WAY LEFT (8.80-8.93)																					
POR	SR 43 @ HOWE RD.	8.98																				
POR	SR 43 @ 2 WAY LEFT (9.03-9.44)																					
POR	SR 43 @ SHERMAN RD.	9.45																				
POR	SR 43 @ 2-WAY LEFT (9.50-9.83)																					
POR	SR 43 @ MELOY RD. (SOUTH SIDE)	9.89	40																			
POR	SR 43 @ RAVENNA RD.	14.10																				
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			880	217	2405	170	0	141	25	2	0	9	4	0	0	0	8	161	2625	10549	0	528

POR - AUXILIARY MARKINGS

DESIGN AGENCY



DESIGNER
KMB

REVIEWER
RMM 08-10-21


PROJECT ID
106294

SHEET TOTAL
P.7 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
POR	SR 44 @ US 224	2.89	NW'22 96555																			
POR	SR 44 @ WATERLOO RD.	3.09	NW'22 96555																			
POR	SR 44 @ PLETZER BLVD.	6.96	NW'22 96555																			
POR	SR 44 @ TALLMADGE RD.	7.70	NW'22 96555																			
POR	SR 44 - 2 WAY LEFT (7.75-7.92)		NW'22 96555																			
POR	SR 44 @ ROOTSTOWN SCHOOL	7.96	NW'22 96555																			
POR	SR 44 - 2 WAY LEFT (7.96-8.10)		NW'22 96555																			
POR	SR 44 @ GIANT EAGLE	8.12	NW'22 96555																			
POR	SR 44 @ CRACKER BARRELL	8.26	NW'22 96555																			
POR	SR 44 SB @ I-76 EB ON RAMP	8.30	NW'22 96555																			
POR	SR 44 SPUR @ SR-5/ PROSPECT ST	0.11		379							2					24	440					
POR	SR 44 @ SR 303	19.14	NW'22 102394																			
POR	SR 44 @ TURNPIKE CONNECTOR	19.69	NW '21 96560																			
POR	SR 44 @ MILL ST	22.14	NW'19 94138																			
POR	SR 44 @ PROSPECT/FRANKLIN ST	22.22	NW'19 94138																			
POR	SR 44 @ HIGH ST	22.36	NW'19 94138																			
POR	SR 44 @ WALNUT ST	22.44	NW'19 94138																			
POR	SR 44 @ HIGH SCHOOL	22.70	NW'19 94138																			
POR	SR 44 @ SR 82	24.17	NW'21 96560																			
POR	SR 59 @ SIXTH ST. (EAST LEG)	3.29	80																			
POR	SR 59 - 2 WAY LEFT (3.067-3.415)																				150	
POR	SR 59 @ RHODES RD.	3.46	80	130	140																175	
POR	SR 59 - 2 WAY LEFT (3.492-3.739))																					
POR	SR 59 @ SR 261	3.78	68	93	189											70					170	
POR	SR 59 @ EAST OF SR 261	3.89									2						585					
POR	SR 59 @ BEGIN 2 WAY LEFT	4.11		91																		
POR	SR 59 - 2 WAY LEFT (4.18-4.39)																					
POR	SR 59 @ POWDERMILL RD.	4.40	50	38																	248	
POR	SR 59 @ MEADOWVIEW (W. MAIN DR.)	4.93	50	41	198											168					679	
POR	SR 59 @ MEADOWVIEW (E. MAIN DR.)	5.71	48																		275	
POR	SR 59 - 2 WAY LEFT (5.73-5.85)																					
POR	SR 59 @ MENOUGH RD.	5.87		96							2										195	
POR	I-76 WB ON RAMP FROM TALLMADGE RD.	1.06																			850	
POR	I-76 EB OFF RAMP TO TALLMADGE RD.	1.24	34									3									600	
POR	I-76 WB OFF RAMP TO TALLMADGE RD.	1.42	27										2								480	
POR	I-76 EB ON RAMP FROM TALLMADGE RD.	1.60																			670	
POR	I-76 WB ON RAMP FROM SR 43	2.73																			750	
POR	I-76 EB OFF RAMP TO SR 43	2.88	35									1									550	
POR	I-76 WB OFF RAMP TO SR 43	3.24	64										1								930	
POR	I-76 EB ON RAMP FROM SR 43	3.34																			750	
POR	I-76 WB ON RAMP FROM SR 5	8.28																			900	
POR	I-76 EB OFF RAMP TO SB SR 5	8.41	28																		510	
POR	I-76 EB OFF RAMP TO NB SR 5	8.60																			1500	
POR	I-76 WB OFF RAMP TO SR 5	8.72	30																		520	
POR	I-76 EB ON RAMP FROM SR 44	8.82																			625	
POR	I-76 WB ON RAMP FROM SR 14	12.73																			930	
POR	I-76 EB OFF RAMP TO SR 14	12.90	47																		510	
POR	I-76 WB OFF RAMP TO SR 14	13.26	47																		515	
POR	I-76 EB ON RAMP FROM SR 14	13.39																			300	
POR	I-76 WB ON RAMP FROM REST AREA	15.09																			740	
POR	I-76 EB OFF RAMP FROM REST AREA	15.20																			410	
POR	I-76 EB REST AREA			200																	680	
POR	I-76 WB REST AREA			215																	680	
POR	I-76 WB OFF RAMP TO REST AREA	15.56																			380	
POR	I-76 EB ON RAMP FROM REST AREA	15.59																			720	
POR	I-76 WB ON RAMP FROM SR 225	18.30																			1000	
POR	I-76 EB OFF RAMP TO SR 225	18.38	62																		450	
POR	I-76 WB OFF RAMP TO SR 225	18.72	50																		480	
POR	I-76 EB ON RAMP FROM SR 225	18.87																			700	
POR	SR 82 @ SR 44	9.27	48																		465	
POR	SR 82 @ GATEWAY DR	14.61	NW'21 96560																			
POR	SR 82 @ HIRAM-GARRETTVILLE (13.77-16.04)		NW'21 96560																			
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			848	549	1121	140	0	72	16	0	5	6	19	12	0	0	0	262	16295	3717	23225	1500

POR - AUXILIARY MARKINGS

DESIGN AGENCY



DESIGNER
KMB


REVIEWER
RMM 08-10-21

PROJECT ID
106294

SHEET TOTAL
P:8 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
POR	SR 88 @ 305	7.25	NW'22 105211																			
POR	SR 88 @ EAST JCT. SR 303	7.94	NW'22 105211																			
POR	SR 183 @ NORFOLK SOUTHERN RAILROAD	0.58	NW'22 105120																			
POR	SR 183 @ EAST JCT US 224	2.49	NW'22 105120																			
POR	SR 183 @ WEST JCT US 224	2.50	NW'22 105120																			
POR	SR 183 @ SR 14	7.56	60																			
POR	US 224 @ SR 532	0.00	30					2												120		
POR	US 224 @ MARTIN ROAD	0.53						8												585		
POR	US 224 @ SR 43	2.42	140	200				17	11											1960		
POR	US 224 @ CONGRESS LAKE RD.	3.36						6												550		
POR	US 224 @ WATERLOO RD.	6.24						6												645		
POR	US 224 @ SR 44	7.71	104	210				12	8											1890		
POR	US 224 @ BEGIN MEDIAN	9.16									2									540		
POR	US 224 @ END MEDIAN	9.70									2									285		
POR	US 224 @ NORTH JCT. SR 183	12.99	24																			
POR	US 224 @ SOUTH JCT. SR 183	13.51	NW'20 102392																			
POR	US 224 @ DEERFIELD CIRCLE	18.60	NW'20 102392																			
POR	US 224 @ DEERFIELD CIRCLE	18.67	NW'20 102392																			
POR	SR 225 @ US 224	2.53	24																			
POR	SR 225 @ SR 14	5.23	22																			
POR	SR 225 @ TALLMADGE RD.	10.23	29																			
POR	SR 225 @ CABLE LINE RD.	12.67						6												450		
POR	SR 225 @ CHESSIE RAILROAD	15.71	25											2								
POR	SR 225 @ SR 5	15.76	42																			
POR	SR 261 @ BEGIN MEDIAN	0.75		140																		
POR	SR 261 @ MOGADORE RD. (W LEG) CITY OF KENT	0.99	56					2		2	2									290		
POR	SR 261 @ EB TRANSITION (2.898-3.273)	2.89		2025										2						1000		
POR	SR 261 @ SUMMIT RD. SOUTH LEG	3.84	36					3	3											750		
POR	SR 261 @ SR 59	5.05	40					5	5											280		
POR	SR 282 @ SR 305	0.00	NW'19 103282																			
POR	SR 282 @ NELSON-KENNEDY LEDGES S.P.	1.32	NW'19 103282																			
POR	SR 282 @ NELSON-KENNEDY LEDGES S.P.	1.38	NW'19 103282																			
POR	SR 303 @ SR 44	8.72	38																			
POR	SR 303 @ 700	13.03	NW'22 105211																	94		
POR	SR 303 @ SOUTH JCT. SR 88	13.21	NW'22 105211																			
POR	SR 303 @ MAIN ST	18.23	NW'19 103282																			
POR	SR 303 @ SCHOOL ST	18.38	NW'19 103282																			
POR	SR 303 @ FIRE STATION	18.49	NW'19 103282																			
POR	SR 303 @ MAPLE GROVE RD	18.64	NW'19 103282																			
POR	SR 305 @ SR 88	2.33	67																			
POR	SR 305 @ NELSON CIRCLE	4.79	15																			
POR	SR 305 @ NELSON CIRCLE	4.89	16																			
POR	I-480 WB ON RAMP FROM FROST RD.	0.61																		775	1050	
POR	I-480 EB OFF RAMP TO FROST RD.	0.62	80					7						1						850	650	
POR	I-480 WB OFF RAMP TO FROST RD.	0.98	69						8					1						900	540	
POR	I-480 EB ON RAMP FROM FROST RD.	1.00																		1300	800	
POR	I-480 WB ON RAMP FROM TURNPIKE	1.44																		1100	220	
POR	I-480 EB OFF RAMP TO TURNPIKE	1.45																		775	440	
POR	SR 700 @ SR 88	0.00	14																			
POR	SR 700 @ SR 303	0.19	40																			
POR	SR 700 @ PIONEER TRAIL	4.29	26																			
POR	SR 700 @ EAST JCT. SR 82	4.35	36																			
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			1033	410	2165	0	0	74	37	2	2	4	2	0	0	4	0	0	7525	8669	3700	0


POR - AUXILIARY MARKINGS

DESIGN AGENCY

 DESIGNER
KMB
 REVIEWER
 RMM 08-10-21
 PROJECT ID
 106294
 SHEET TOTAL
 P:9 | 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
STA	SR 21 @ TRUCK LANE	1.25	NW'19 100939																			
STA	SR 21 @ TRUCK LANE	3.40	NW'19 100939																			
STA	SR 21 @ TRUCK LANE	4.92	NW'19 100939																			
STA	SR 21 SB ON RAMP FROM SR 93	18.30															525		360			
STA	SR 21 NB OFF RAMP TO SR 93	18.33	34	88							2					600	138	420				
STA	SR 21 SB OFF RAMP TO SR 93	18.59	42	60							2					610	114	370				
STA	SR 21 NB ON RAMP FROM SR 93	18.63														1100		450				
STA	SR 21 @ MARSHALLVILLE PARK N RIDE	19.75							4										370			
STA	US 30 WB OFF RAMP TO ALABAMA	1.03	NW'22 114081	R WR																		
STA	US 30 EB ON RAMP FROM ALABAMA	1.17	NW'22 114081	R WR																		
STA	US 30 WB ON RAMP FROM SR 241	3.60	NW'22 114081	R WR																		
STA	US 30 EB OFF RAMP RO SR 241	3.90	NW'22 114081	R WR																		
STA	US 30 WB OFF RAMP TO SR 241	4.25	NW'22 114081	R WR																		
STA	US 30 EB ON RAMP FROM SR 241	4.38	NW'22 114081	R WR																		
STA	US 30 EB OFF RAMP TO SR 21	7.41	NW'22 114081	R WR																		
STA	US 30 WB ON RAMP FROM SR 21	7.44	NW'22 114081	R WR																		
STA	US 30 EB ON RAMP FROM SR 21	7.95	NW'22 114081	R WR																		
STA	US 30 WB OFF RAMP TO SR 21	7.95	NW'22 114081	R WR																		
STA	US 30 WB ON RAMP FROM RICHVILLE DR.	9.36	NW'22 114081	R WR																		
STA	US 30 EB OFF RAMP TO RICHVILLE DR.	9.45	NW'22 114081	R WR																		
STA	US 30 WB OFF RAMP TO RICHVILLE DR.	9.78	70								2					590		500				
STA	US 30 EB ON RAMP FROM RICHVILLE DR.	10.06														850		760				
STA	US 30 WB ON RAMP FROM WHIPPLE AVE.	12.33														760		750				
STA	US 30 EB OFF RAMP TO WHIPPLE AVE.	12.42	42								2					625		340				
STA	US 30 EB OFF RAMP @ TRUMP AVE.	18.70	NW'22 110615																			
STA	US 30 WB ON RAMP @ TRUMP AVE.	18.86	NW'22 110615																			
STA	US 30 - 2 WAY LEFT (18.949-19.066)		NW'22 110615																			
STA	US 30 @ TRUMP AVE./SR 172 (SOUTH & EAST LEG)	19.16	NW'22 110615																			
STA	US 30- 2 WAY LEFT (19.25-19.75)										2											
STA	US 30 @ HOLLAND	19.72									2								112			
STA	US 30 @ WEST OF BROADWAY	20.05	32								5					56.5		180				
STA	US 30 @ BROADWAY	20.17																				
STA	US 30 @ PARK AND RIDE	23.62																		250		
STA	SR 43 @ SOUTH JCT. SR 183 (EAST & NORTH LEG)	1.14	NW'19 98386																			
STA	SR 43 @ GOODLAND	1.22	NW'19 98386																			
STA	SR 43 @ 17TH STREET	10.23	NW'19 100958																			
STA	SR 43 @ N & W RAILROAD	10.56	NW'19 100958																			
STA	SR 43 @ 14TH STREET	10.67	NW'19 100958																			
STA	SR 43 @ ED STEIN RD.	10.74	NW'19 100958																			
STA	SR 43 @ 55TH STREET NW	17.20	54								6							400				
STA	SR 43 @ SCHNEIDER RD.	17.71	70								11							650				
STA	SR 43 @ EASTON RD.	18.23	72			280					8							405				
STA	SR 43 @ BELLVIEW ST.	18.31									2							75				
STA	SR 43 - 2 WAY LEFT (18.314-18.645)										8											
STA	SR 43 @ KINGSCOTE DR.	18.69									8											
STA	SR 43 @ AMARILLO ST.	18.79									6											
STA	SR 43 @ APPLGROVE ST.	19.22	72								4							245				
STA	SR 43 @ DIAMOND/IVY ST.	19.76	25																			
STA	SR 43 @ LANNER ST.	20.04									3					25						
STA	SR 43 @ MARKET ST.	20.16									2					57		305				
STA	SR 43 @ STATE ST.	21.37	24																			
STA	SR 43 @ SMITH-KRAMER ST.	23.19	24																			
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			561	148	0	280	0	67	0	6	0	0	8	0	0	0	0	139	5660	2512	4062	620

STA - AUXILIARY MARKINGS

DESIGN AGENCY



DESIGNER
KMB

REVIEWER
RMM 08-10-21

PROJECT ID
106294


SHEET TOTAL
P.10 24

D04-PM-FY2022 (WEST)

MODEL: STA2 PAPER SIZE: 17x11 (in.) DATE: 2/8/2022 TIME: 12:49:48 PM USER: kburns
 P:\01040106294\00-Engineering\Roadway\Sheets\106294_GS001.dgn


CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
			96" EACH	96" EACH			THRU EACH	COMB. EACH	HANDICAP EACH	BIKE EACH			RXR EACH	SCHOOL 96" EACH								
STA	SR 44 @ SR 43	0.00	86																			
STA	SR 44 @ N & W RAILROAD	7.55														2						
STA	SR 44 @ US 30	7.79	14																			
STA	SR 44 @ GEORGETOWN RD.	10.66	NW'21 98389																			
STA	SR 44 @ 62 E RAMP	14.28									1							410				
STA	SR 44 @ 62 W RAMP	14.49									1							515				
STA	SR 44 @ EASTON	15.14	NW'19 98392																			
STA	SR 44 @ COLUMBUS RD.	15.57	NW'19 98392																			
STA	SR 44 @ 173/ STATE	17.20	NW'19 98392																			
STA	SR 44 @ SR 619	20.69	26																			
STA	SR 44 @ PONTIUS ST.	22.96	45																			
STA	US 62 @ NORTH JCT. SR 93	4.03	22																			
STA	US 62 @ FAIRLESS SCHOOLS	5.27				50										4						
STA	US 62 @ B & O RAILROAD	5.51	24												2							
STA	US 62 @ N & W RAILROAD/JUSTUS AVE.	5.90	28												2							
STA	US 62 @ N & W RAILROAD (SOUTH LEG)	8.31													1							
STA	US 62 - 2 WAY LEFT (9.60-9.974)							20														
STA	US 62 @ INTERMODIAL ENTR.	10.03						3										57	128			
STA	US 62 - 2 WAY LEFT (10.031-10.599)							18														
STA	US 62 @ NAVARRE RD.	10.73	80					5											288			
STA	US 62 EB ON RAMP FROM SR 43	24.111	NW'19 84654																			
STA	US 62 WB OFF RAMP TO 30TH ST	24.231	NW'19 84654																			
STA	US 62 @ 2 WAY LEFT (24.235-24.266)		NW'19 84654																			
STA	US 62 @ ROWLAND AVE.	24.43	NW'19 84654																			
STA	US 62 - 2 WAY LEFT (24.45-24.73)		NW'19 84654																			
STA	US 62 @ MAPLE ST.	24.75	NW'19 84654																			
STA	US 62 EB (24.676-24.928)		NW'19 84654																			
STA	US 62 WB (24.676-24.928)		NW'19 84654																			
STA	US 62 CONNECTOR @ HARRISBURG	24.99	NW'21 11339 R WR																			
STA	US 62 @ HARRISBURG/MIDDLEBRANCH	25.09	NW'21 11339 R WR																			
STA	US 62 - 2 WAY LEFT (25.09-25.327)		NW'21 11339 R WR																			
STA	US 62 @ END 2 WAY LEFT	25.33																				
STA	US 62 @ REGENT RD	25.71	NW'22 112748																			
STA	US 62 @ HARMONT AVE.	26.21	NW'22 112748																			
STA	US 62 @ KIRBY	26.72	NW'22 112748																			
STA	US 62 @ REBAR	27.31	NW'22 112748																			
STA	US 62 @ BROADWAY AVE.	27.82	NW'22 112748																			
STA	US 62 @ CALIFORNIA AVE.	28.95	163	235				8	5										1710			
STA	US 62 WB ON RAMP FROM SR 44	30.10																	500	620		
STA	US 62 EB OFF RAMP TO SR 44	30.01	60							3				1				600	200	980		
STA	US 62 WB OFF RAMP TO SR 44	30.41	60											2				560		500		
STA	US 62 EB ON RAMP FROM SR 44	30.34																870		800		
STA	US 62 @ PARIS	32.80	100	200				10											1060			
STA	US 62 WB ON RAMP FROM SR 173	35.44																	820	420		
STA	US 62 EB OFF RAMP TO SR 173	35.50	50												2				600	480		
STA	US 62T WB OFF RAMP TO SR 173	0.26													2				600	400		
STA	US 62T EB ON RAMP TO SR 173	0.26																	850	450		
STA	US 62T WB ON RAMP FROM BEESON ST.	2.22	NW'22 10287																			
STA	US 62T EB OFF RAMP TO BEESON ST.	2.22																	650	350		
STA	US 62T WB OFF RAMP TO BEESON ST.	2.54													2				630	370		
STA	US 62T EB ON RAMP FROM BEESON ST.	2.54																	850	450		
STA	US 62T WB ON RAMP FROM SR 225	4.65	NW'22 10287																			
STA	US 62T EB OFF RAMP TO SR 225	4.65	NW'22 10287																			
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			758	435	194	50	0	64	8	0	0	2	11	0	0	7	4	0	8512	3386	5820	0

STA - AUXILIARY MARKINGS

DESIGN AGENCY

 DESIGNER
KMB
 REVIEWER
 RMM 08-10-21
 PROJECT ID
 106294
 SHEET P.11 TOTAL 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.		
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH							
STA	I-77 SB ON RAMP FROM FOHL RD.	4.46																		1200		1010	
STA	I-77 NB OFF RAMP TO FOHL RD.	4.52	45									2								450		820	
STA	I-77 SB OFF RAMP TO FOHL RD.	4.86	42									2								580		500	
STA	I-77 NB ON RAMP FROM FOHL RD.	4.98																		1000		1000	
STA	I-77 SB ON RAMP FROM SR 627	6.16																		775		870	
STA	I-77 NB OFF RAMP TO SR 627	6.24	25									2								500		580	
STA	I-77 SB OFF RAMP TO SR 627	7.84	35									1								500		650	
STA	I-77 NB ON RAMP FOR SR 627	7.87																		900		640	
STA	I-77 SB ON RAMP FROM SR 800/ CLEVELAND AVE	8.01																		800		800	
STA	I-77 NB OFF RAMP TO SR 800/ CLEVELAND AVE	8.01	24									1								600		650	
STA	I-77 NB ON RAMP FROM SR 800/ CLEVELAND AVE (LOOP)	8.15																		650		580	
STA	I-77 NB ON RAMP FROM SR 800/ CLEVELAND AVE	8.23																		500		600	
STA	I-77 SB OFF RAMP TO BOLIVAR RD SW (SR 800 EXIT)	8.22	30																				
STA	I-77 SB OFF RAMP TO SR 800/ CLEVELAND AVE	8.23																		400		920	
STA	I-77 NB OFF RAMP TO EB US 30	9.04																				399	
STA	I-77 SB ON RAMP FROM US 30	9.14																				988	
STA	I-77 NB OFF RAMP TO WB US 30	9.34																				390	
STA	I-77 SB OFF RAMP TO US 30	9.47																				908	
STA	I-77 NB ON RAMP FROM 30 WB	9.48																				300	
STA	I-77 SB TO US 30 RAMP SPLIT	9.50																				397	
STA	I-77 NB OFF RAMP TO SR 172	10.24	28									2										215	380
STA	I-77 SB OFF RAMP TO SR 172	10.28	45									1								610	850	380	
STA	I-77 NB ON RAMP FROM SR 172	10.28																		850		500	
STA	I-77 SB ON RAMP FROM SR 172	10.35																		850		550	
STA	I-77 NB ON RAMP FROM SR 172	10.58																		775		780	
STA	I-77 NB OFF RAMP TO 13TH ST	11.16	42									1								510	544	440	
STA	I-77 SB ON RAMP FROM 13TH ST	11.20																		825		700	
STA	I-77 NB ON RAMP FROM 13TH ST	11.50																		800		700	
STA	I-77 SB OFF RAMP TO 13TH ST	11.64	46																	500	725	600	
STA	I-77 NB OFF RAMP TO SR 687	12.08	NW'20 88936																				
STA	I-77 SB ON RAMP FROM SR 687	12.13	NW'20 88936																				
STA	I-77 NB OFF RAMP TO EB US 62	12.30	NW'20 88936																				
STA	I-77 SB ON RAMP FROM WB US 62	12.30	NW'20 88936																				
STA	I-77 SB OFF RAMP TO EB US 62	12.42	NW'20 88936																				
STA	I-77 SB OFF RAMP TO SR 687	12.66	NW'20 88936																				
STA	I-77/62W OFF RAMP TO SR 687	12.67	NW'20 88936																				
STA	I-77 NB ON RAMP FROM WB US 62	12.68	NW'20 88936																				
STA	I-77 NB ON RAMP FROM SR 687	13.013																					360
STA	I-77 NB OFF RAMP TO WHIPPLE AVE./ BELDEN VILLAGE	14.44	45																			695	515
STA	I-77SB ON RAMP FROM WHIPPLE AVE.	14.51																		1210		17040	
STA	I-77 NB OFF RAMP TO NB WHIPPLE AVE.	14.83																				545	
STA	I-77 SB ON RAMP FROM EVERHARD RD.	15.16																				300	
STA	I-77 SB OFF RAMP TO EVERHARD RD.	15.46	26									3										235	480
STA	I-77 NB ON RAMP FROM EVERHARD RD.	15.51																				125	
STA	I-77 SB ON RAMP FROM PORTAGE ST.	16.39																				235	
STA	I-77 NB OFF RAMP TO PORTAGE ST.	16.53	59																			900	665
STA	I-77 SB OFF RAMP TO PORTAGE ST.	16.81	48																			870	620
STA	I-77 NB ON RAMP FROM PORTAGE ST.	17.00																					120
STA	I-77 SB ON RAMP FROM SHUFFLE RD.	17.80																					560
STA	I-77SB OFF RAMP TO SHUFFLE RD.	17.92	15																	85		440	550
STA	I-77NB OFF RAMP TO SHUFFLE RD.	17.92	60																			445	550
STA	I-77NB ON RAMP FROM SHUFFLE RD.	18.00																		400	1080	630	
STA	SR 93 @ N & W RAILROAD	1.30	NW '19 96671																				
STA	SR 93 @ SOUTH JCT. US 62	3.36	NW '19 96671																				
STA	SR 93 @ WEST JCT. SR 241	8.67	NW '21 102351																				
STA	SR 93 @ EAST JCT. SR 241	8.82	NW '21 102351																				
STA	SR 93 @ SR 172	11.72	NW '21 101417																				
STA	SR 93 @ TUSLAW SCHOOL	12.50	NW '21 101417																				
STA	SR 93 @ BIKE TRAIL	12.92	NW '21 101417																				
STA	SR 93 @ CONRAIL RAILROAD	14.46	NW '21 101417																				
STA	SR 153 @ BROADWAY AVE.	4.11	NW '21 98389																				
STA	SR 153 @ SR 183	14.69	40																				
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			655	0	0	549	0	48	34	8	26	0	14	0	0	0	0	85	16185	6999	41327	0	


STA - AUXILIARY MARKINGS

DESIGN AGENCY

DESIGNER KMB
REVIEWER RMM 08-10-21
PROJECT ID 106294
SHEET TOTAL P.12 24

MODEL: STA-4 PAPER SIZE: 17x11 (in.) DATE: 2/8/2022 TIME: 12:49:49 PM USER: kburns
 p:\v\hobol\p\w\benlly.com\sthto\p\w\02\Documents\01\Active\Projects\Distt\01_D04\106294\106294_106294_GS001.dgn

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.		
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH							
	STA	SR 172 @ DEERFIELD RD.	0.02								3								670	170			
	STA	SR 172 @ ALABAMA	0.89	52							6								1795	383			
	STA	SR 172 @ SR 93	2.40	52							6								1100	475			
	STA	SR 172 @ DELMONT AVE.	3.31										2						600				
	STA	SR 172 @ KENYON ST.	3.43								6								615	350			
	STA	SR 172 @ EAST CORP. MASSILLON	8.83																				
	STA	SR 172 - 2 WAY LEFT (8.85-9.19)									4												
	STA	SR 172 @ AUSTIN AVE.	9.24	72																			
	STA	SR 172 - 2 WAY LEFT (9.25-9.78)									4												
	STA	SR 172 @ GENOA RD.	9.80	72				330			4											210	
	STA	SR 172 - 2 WAY LEFT (9.82-10.23)									4												
	STA	SR 172 @ LEONARD AVE.	10.31	72																			
	STA	SR 172 - 2 WAY LEFT (10.32-10.73)									4												
	STA	SR 172 @ SIPPO RD.	10.73								3											50	
	STA	SR 172 @ PERRY DR.	10.86	NW '22 111010																			
	STA	SR 172 @ BROOKLYN AVE.	10.93												2			77					
	STA	SR 172 - 2 WAY LEFT (10.892-11.07)									2												
	STA	SR 172 @ BORDNER AVE.	11.08	90				152															
	STA	SR 172 @ CANTON CENTRAL CATH. H.S.	11.21													2							
	STA	SR 172 - 2 WAY LEFT (11.10-11.31)									4												
	STA	SR 172 @ WOODLAWN AVE.	11.35	78				260			5											225	
	STA	SR 172 - 2 WAY LEFT (11.38-11.76)									4												
	STA	SR 172 @ DELVERNE/AMBROSE AVE.	11.79								4											230	
	STA	SR 172 @ WHIPPLE AVE. (WEST LEG)	11.91	36				144			7	1	2									330	
	STA	SR 172 - 2 WAY LEFT (16.58-17.60)		NW'19 100958																			
	STA	SR 172 @ TRUMP RD. (WEST LEG)	17.61	NW'19 100958																			
	STA	SR 172 @ SR 183	30.05	24																			
	STA	SR 173 @ SR 44 (EAST LEG)	0.00	NW '19 98392																			
	STA	SR 173 @ US 62F WB RAMP	4.43	NW '19 98392																			
	STA	SR 183 @ SR 172	10.20	27																			
	STA	SR 212 @ US 250	0.00	NW '20 96671																			
	STA	SR 212 @ BELLWAY/AMWAY	1.36	NW '20 96671																			
	STA	SR 212 @ SR 21		NW '20 96671																			
	STA	SR 225 @ GASKILL DR.	0.37	NW'22 101418																			
	STA	SR 225 @ US 62F WB RAMP	0.69								2											160	
	STA	SR 236 @ ERIE AVE. / FORTY CORNERS ST	2.06	26																			
	STA	SR 236 @ HIGH MILL RD.	3.14								3											142	
	STA	SR 236 @ PORTAGE ST.	5.43	73							4											335	
	STA	SR 241 @ US 30 EB RAMPS	4.16	NW '21 102351																			
	STA	SR 241 @ US 30 WB RAMPS	4.30	NW '21 102351																			
	STA	SR 241 @ MILLERSBURG RD.	4.50	NW '21 102351																			
	STA	SR 241 @ STUHLBREHER ST.	12.02	52							4											180	
	STA	SR 241 @ TRAPHAGEN ST.	12.37	37							2					66						111	
	STA	SR 241 @ CARITAS CIRCLE NW	14.06	76							8			1				425				605	
	STA	SR 241 @ SR 687/FULTON RD.	14.27	93	77			172			15	7										1560	
	STA	SR 241 @ 2-WAY LEFT (14.30-14.50)									6			1								320	
	STA	SR 241 @ MUDBROOK ST.	14.58	49	145			224			5					57						210	
	STA	SR 241 @ PORTAGE ST.	15.59	76							10			4				1370				720	
	STA	SR 241 @ NANCY JO/MEARS GATE	15.82								6											305	
	STA	SR 241 @ STRAUSSER ST.	16.62	24																			
	STA	SR 241 @ SHUFFEL	17.38	24																			
		TOTAL WILL BE CARRIED TO GENERAL SUMMARY		1105	222	29	1282	0	135	8	2	0	18	0	0	0	0	4	123	6972	5706	1045	0


STA - AUXILIARY MARKINGS

DESIGN AGENCY

 DESIGNER
KMB
 REVIEWER
 RMM 08-10-21
 PROJECT ID
 106294
 SHEET TOTAL
 P.13 | 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
STA	SR 297 WB @ WHIPPLE/30 WB ON RAMP	0.00	52					6			6								665			
STA	SR 297 EB @ RAFF/30 EB ON RAMP (W LEG)	0.66	76					13			9						77		1370			
STA	SR 297 @ 30 EB RAMP (N LEG)	0.66														56						
STA	SR 297 @ 30 WB OFF RAMP	0.75	43																			
STA	SR 297 @ SOUTHWAY/17TH	0.85	63					10											475			
STA	SR 297 @ RAILROAD	0.90						3						3					250			
STA	SR 297 - 2 WAY LEFT (0.97-1.35)							2														
STA	SR 297 @ 13TH ST (SOUTH LEG)	1.39	53					4											225			
STA	SR 619 @ CLEVELAND	0.51	NW'20 98383																			
STA	SR 619 @ MOGADORE	1.24	NW'20 98383																			
STA	SR 619 @ KING CHURCH	2.81	NW'19 93172																			
STA	SR 619 @ 44	9.02	NW'19 100939																			
STA	SR 619 @ MARLBORO SCHOOL	9.47	NW'19 100939																			
STA	SR 627 @ NAVARRE	0.98	26																			
STA	SR 627 @ RICHVILLE DR	1.21						1											45			
STA	SR 627 @ PERRY DR	1.95						1	3							57		195				
STA	SR 627 @ RAILROAD	2.01	24											2								
STA	SR 627 - 2 WAY LEFT (2.76-3.06)							4											140			
STA	SR 627 @ SHEPLER CHURCH	3.26						4														
STA	SR 687 @ SR 241 (EAST LEG)	0.00	54	200				5	7										1162			
STA	SR 687 @ FOXBORO AVE.	0.15	85					6	3			1					500		625			
STA	SR 687 @ BRUNNERDALE AVE.	1.311	NW '21 87660																			
STA	SR 687 - 2 WAY LEFT (1.956-2.042)							18														
STA	SR 687 @ EAST/SOUTH BLVD.	2.092	76					10											210			
STA	SR 687 - 2 WAY LEFT (2.167-2.243)							4														
STA	SR 687 @ FRANK/SIBILA AVE.	2.295	72		70			10											390			
STA	SR 687 - 2 WAY LEFT (2.341-2.365)							2														
STA	SR 687 @ EVERHARD RD.	2.46	76					8											670			
STA	SR 687 @ 2-WAY LEFT (2.53-2.98)							8														
STA	SR 687 @ DRESSLER RD.	3.05	116					6	6										1340			
STA	SR 687 @ 2 WAY LEFT (3.06-3.7)							14														
STA	SR 687 @ WHIPPLE AVE.	3.78	95					10	6										1350			
STA	SR 687 - 2 WAY LEFT (3.892-4.075)							4														
STA	SR 687 @ HILLS & DALES RD.	4.17	126					2			7							515	615			
STA	SR 687 @ WESTMORE/LAKESIDE	4.78	74					4											185			
STA	SR 687 @ INGLEWOOD/BROAD	5.08	88					3	2										370			
STA	SR 687 - 2 WAY LEFT (5.126-5.307)							4														
STA	SR 687 @ I-77 SB OFF RAMP/BLAKE AVE.	5.31	65		144			2									66		103			
STA	SR 687 @ US 62 EB ON RAMP/77 NB OFF RAMP	5.53	36		103			2								210			200			
STA	SR 687 @ PARK RD. (WEST LEG)	5.59	45					2		2	2								118			
STA	SR 800 @ BEGIN 2 WAY LEFT	6.41						2														
STA	SR 800 - 2 WAY LEFT (6.45-6.98)							6														
STA	SR 800 - 2 WAY LEFT (6.98-7.24)							8														
STA	SR 800 @ FAIRCREST ST.	7.32	54					7											480			
STA	SR 800 - 2 WAY LEFT (7.43-8.04)							20														
STA	SR 800 @ 34TH ST	8.04	NW'19 102673																			
STA	SR 800 @ BEGIN 2 WAY LEFT	8.26	NW'19 102673																			
STA	SR 800 @ PLAZA ENTR.	8.38	50	200				4											170			
STA	SR 800 - 2 WAY LEFT (8.38-8.66)							6														
STA	SR 800 @ MILL RD. (SOUTH LEG)	8.70	58					2		1	1								131			
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			1507	400	317	2184	0	227	27	3	25	1	0	0	0	5	2	466	1015	11484	0	0

STA - AUXILIARY MARKINGS

DESIGN AGENCY



DESIGNER
KMB

REVIEWER
RMM 08-10-21

PROJECT ID
106294

SHEET TOTAL
P.14 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
SUM	SR 8 SB ON RAMP FROM SR 303	12.546	NW'19 76721																			
SUM	SR 8 NB OFF RAMP TO SR 303	12.561	NW'19 76721																			
SUM	SR 8 SB OFF RAMP TO SR 303	13.003	NW'19 76721																			
SUM	SR 8 NB ON RAMP FROM SR 303	13.241	NW'19 76721																			
SUM	SR 18 @ MEDINA LINE RD.	0.00	42					5										14		300		
SUM	SR 18 @ 0.2 - 0.3																					
SUM	SR 18 @ HARMONY HILLS RD.	0.34						11												420		
SUM	SR 18 @ 0.4 - 0.6																					
SUM	SR 18 @ CREEKRUN DR.	0.60						7	2									57		215		
SUM	SR 18 @ 0.69 - 0.76																					
SUM	SR 18 @ HAMETOWN RD.	0.864						5										57		175		
SUM	SR 18 @ S. HAMETOWN RD.	1.005	78					4	2									57		560		
SUM	SR 18 @ S. HAMETOWN RD.	1.100						6														
SUM	SR 18 @ SCENIC VIEW DR.	1.190						5												195		
SUM	SR 18 @ HERITAGE WOODS DR.	1.420	96					7												560		
SUM	SR 18 @ MONTROSE W AVE.	1.550	110					7	3									225		1280		
SUM	SR 18 @ I.R. 77 SB RAMPS	1.670						7	2									520		220		
SUM	SR 18 @ I.R. 77 UNDERPASS	1.880																		950		
SUM	SR 18 @ I.R. 77 NB RAMPS	2.090								5										635		
SUM	SR 18 @ SPRINGSIDE DR.	2.200	95			620		6												180		
SUM	SR 18 @ ACME ENTRANCE	2.350	95			450		4												175		
SUM	SR 18 @ MUSTARD SEED ENTRANCE	2.490						2	5											220		
SUM	SR 18 @ CLEVELAND-MASSILLON RD.	2.600	100			820		6	3									650		855		
SUM	SR 21 @ MINOR RD.	6.483								8										2130		
SUM	SR 21 SB ON RAMP FROM SR 162	7.612																				
SUM	SR 21 NB OFF RAMP TO SR 162	7.677	50															900		340		
SUM	SR 21 SB OFF RAMP TO SR 162	7.898	50															825		340		
SUM	SR 21 NB ON RAMP FROM SR 162	7.977																375		500		
SUM	SR 21 NB OFF RAMP TO EB I-77	9.061																575		500		
SUM	SR 21 SB ON RAMP FROM WB I-77	9.267																350		900		
SUM	SR 21 NB TO NB I-77	9.764																750		900		
SUM	SR 21 SB OFF RAMP TO SB I-77	19.376	NW'21 113339 R WR																	1200		
SUM	I-76 EB OFF RAMP TO SB SR 21	1.156																			320	
SUM	I-76 WB ON RAMP FROM SB SR 21	1.179																			280	
SUM	I-76 WB OFF RAMP TO SB SR 21	1.244																			200	
SUM	I-76 EB ON RAMP FROM SB SR 21	1.254																			270	
SUM	I-76 EB OFF RAMP TO NB SR 21	1.365																			260	
SUM	I-76 WB ON RAMP FROM NB SR 21	1.384																			180	
SUM	I-76 EB ON RAMP FROM NB SR 21	1.425																			190	
SUM	I-76 WB OFF RAMP TO NB SR 21	1.511																			380	
SUM	I-76 WB ON RAMP FROM CLEV.-MASSILLON RD.	2.484																			240	
SUM	I-76 EB OFF RAMP TO CLEV.-MASSILLON RD.	2.511	45																		380	
SUM	I-76 WB OFF RAMP TO CLEV.-MASSILLON RD.	2.749	45																		250	
SUM	I-76 EB ON RAMP FROM CLEV.-MASSILLON RD.	2.801																			400	
SUM	I-76 WB ON RAMP FROM BARBER RD.	3.771																			240	
SUM	I-76 EB OFF RAMP TO BARBER RD.	3.974	32																		330	
SUM	I-76 EB ON RAMP FROM BARBER RD.	4.145																			320	
SUM	I-76 WB OFF RAMP TO BARBER RD.	4.255	45																		500	
SUM	I-76 WB ON RAMP FROM STATE ST.	5.266																			560	
SUM	I-76 EB OFF RAMP TO STATE ST.	5.355	38																		340	
SUM	I-76 WB ON RAMP FROM WOOSTER RD.	5.639				150			3	3											400	
SUM	I-76 EB OFF RAMP TO WOOSTER RD.	5.651	40			100												650			500	
SUM	I-76 WB OFF RAMP TO WOOSTER RD.	5.766	50			100															500	
SUM	I-76 EB ON RAMP FROM WOOSTER RD.	5.892				80															340	
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			1011	0	0	2320	0	85	33	0	0	0	10	0	0	0	0	185	5820	9070	12060	0

SUM - AUXILIARY MARKINGS

DESIGN AGENCY



DESIGNER
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REVIEWER
RMM 08-10-21

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SHEET TOTAL
P.15 | 24

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAVT ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
SUM	I-77 NB OFF RAMP TO SR 162	17.00	NW'22 88937																			
SUM	I-77 SB ON RAMP FROM SR 162	17.04	NW'22 88937																			
SUM	I-77 NB ON RAMP FROM SR 162	17.28	NW'22 88937																			
SUM	I-77 SB OFF RAMP TO SR 162	17.32	NW'22 88937																			
SUM	I-77 NB OFF RAMP TO WHITE POND DR/MULL AVE	18.11	NW'22 88937																			
SUM	I-77 SB ON RAMP FROM WHITE POND	18.14	NW'22 88937																			
SUM	I-77 NB ON RAMP FROM WHITE POND	18.49	NW'22 88937																			
SUM	I-77 SB OFF RAMP TO WHITE POND DR.	18.54	NW'22 88937																			
SUM	I-77 SB ON RAMP FROM MILLER RD./RIDGEWOOD	19.60																650		1000		
SUM	I-77 NB OFF RAMP TO MILLER RD./RIDGEWOOD	19.78	40							8								600	920	400		
SUM	I-77 SB OFF RAMP TO RIDGEWOOD RD.	20.17	55							4	4							550	170	460		
SUM	I-77 NB ON RAMP FROM RIDGEWOOD RD.	20.22																1000		950		
SUM	I-77 SB ON RAMP FROM CLEV.-MASSILLON	21.32																1000		750		
SUM	I-77 NB OFF RAMP TO CLEV.-MASSILLON	21.35	76							8	8							550	650	550		
SUM	I-77 NB TAPER (21.431-21.516)																					
SUM	I-77 SB ON RAMP FROM NB SR 21	21.91																800		1700		
SUM	I-77 NB OFF RAMP TO SB SR 21	21.97		500														1300		1600		
SUM	I-77 NB OFF RAMP TAPER TO SB SR 21 (21.969-22.278)																					
SUM	I-77 SB OFF RAMP TO SB SR 21	22.58																		900		
SUM	I-77 NB ON RAMP FROM NB SR 21	22.94																		1200		
SUM	I-77 SB ON RAMP FROM EB SR 18	22.97																		200		
SUM	I-77 NB OFF RAMP TO EB SR 18	22.99	20										2							400		
SUM	I-77 SB OFF RAMP TO EB SR 18	23.10																800		200		
SUM	I-77 NB ON RAMP FROM EB SR 18	23.15																		200		
SUM	I-77 SB ON RAMP FROM WB SR 18	23.27																		200		
SUM	I-77 NB OFF RAMP TO WB SR 18	23.34																		200		
SUM	I-77 SB OFF RAMP TO WB SR 18	23.53	25										2					950		500		
SUM	I-77 NB ON RAMP FROM WB SR 18	23.58																600		400		
SUM	I-77 SB ON RAMP FROM GHENT RD.	24.36																500		800		
SUM	I-77 SB OFF RAMP TO GHENT RD.	24.36	25										2					800		540		
SUM	I-77 NB OFF RAMP TO GHENT RD.	24.36	20										2					600		400		
SUM	I-77 NB ON RAMP FROM GHENT RD.	24.85																750		650		
SUM	I-77 SB ON RAMP FROM REST AREA	27.62																650		1700		
SUM	I-77 NB OFF RAMP TO REST AREA	27.70																800		600		
SUM	I-77 NB REST AREA			150														4		713		
SUM	I-77 SB REST AREA			150														4		713		
SUM	I-77 SB OFF RAMP TO REST AREA	28.04																				
SUM	I-77 NB ON RAMP FROM REST AREA	28.11																800		500		
SUM	I-77 SB ON RAMP FROM SR 176	29.22	NW'21 113339 R WR															700		1600		
SUM	I-77 NB OFF RAMP TO SR 176	29.69	NW'21 113339 R WR																			
SUM	I-77 SB OFF RAMP TO SR 176	29.88	NW'21 113339 R WR																			
SUM	I-77 NB ON RAMP FROM SR 176	29.89	NW'21 113339 R WR																			
SUM	I-77 NB OFF RAMP TO NB I-271	30.11	NW'21 113339 R WR																			
SUM	I-77 SB ON RAMP FROM SB I-271	30.14	NW'21 113339 R WR																			
SUM	I-77 SB OFF RAMP TO SB I-271	30.46	NW'21 113339 R WR																			
SUM	I-77 NB ON RAMP FROM NB I-271	30.65	NW'21 113339 R WR																			
SUM	I-77NB OFF RAMP TO NB SR 21	32.13	NW'21 113339 R WR																			
SUM	I-77 SB ON RAMP FROM SB SR 21	32.29	NW'21 113339 R WR																			
SUM	I-77 NB OFF RAMP TO OHIO TURNPIKE	33.09																		430		
SUM	I-77 SB ON RAMP FROM OHIO TURNPIKE	33.51																		679		
SUM	I-77 NB ON RAMP FROM OHIO TURNPIKE	33.49																		810		
SUM	SR 82 @ VILLAGE PARKWAY	1.31		75	200					3									169	150		
SUM	SR 82 (1.364-1.542)				163															463		
SUM	SR 82 @ HOLZHAUER RD.	1.64	46							7	3									480		
SUM	SR 82 @ PLAZA ENTRANCE	1.73									2											
SUM	SR 82 @ BOYDEN RD.	2.16	48							6										375		
SUM	SR 82 @ FIRE SIGNAL **SEE GENERAL NOTES FOR DETAIL	2.67	24																	30		
SUM	SR 82 @ OLD 8/BRANDYWINE RD.	2.70	46		694					4										226		
SUM	SR 82 @ VESTA	2.94			86																	
SUM	SR 91 @ US 224 (NORTH LEG)	0.00	NW'19 89113																			
SUM	SR 91 @ MARWELL/WOODLAND GLADE	17.45								2									57			
SUM	SR 91 @ TWINSBURG RD.	17.60	61							11										444		
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			486	800	75	1143	0	53	17	8	8	0	13	8	0	0	2	226	15300	3908	20519	1426

SUM - AUXILIARY MARKINGS

DESIGN AGENCY

 DESIGNER
KMB
 REVIEWER
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 106294
 SHEET TOTAL
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D04-PM-FY2022 (WEST)

MODEL: SUM-4 PAPER SIZE: 17x11 (in.) DATE: 2/8/2022 TIME: 12:49:51 PM USER: kturns
pvc:\hobdcpw\benley.com\shahidcpw\02\Documents\01 Active Projects\Digital\01_D04\106294\100-Engineering\Roadway\Sheets\106294_GS001.dgn

CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAVT ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
SUM	SR 93 @ ST. FRANCIS DE SALES SCHOOL	5.87														2						
SUM	SR 93 @ STATE/STATE MILL RD.	6.15	55		240		10											1000				
SUM	SR 93 @ 2 WAY LEFT (6.30-6.59)						14															
SUM	SR 93 @ PORTAGE LAKES RD.	6.71	50				9			4								330				
SUM	SR 93 @ 2 WAY LEFT (6.791-6.905)						6	2										90				
SUM	SR 93 @ ROBINSON AVE.	7.04	90			365	8	4			1							820				
SUM	SR 93 - 2 WAY LEFT (7.07-7.18)						2															
SUM	SR 93 @ ACME/BURGER KING	7.22	60				6									2		275				
SUM	SR 93 - 2 WAY(7.227-7.617) & COVENTRY H.S.						14									2	57	270				
SUM	SR 93 @ CORMANY RD.	7.62					1										75	105				
SUM	SR 93 @ CARNEGIE AVE (SOUTH LEG)	8.04	43		68												57					
SUM	SR 162 @ A.C. & Y. RAILROAD	1.86	24												2							
SUM	SR 162 @ MIDDLE JCT. CLEV.-MASSILLON RD.	2.33	20																			
SUM	SR 162 @ SOUTH JCT. CLEV.-MASSILLON RD.	2.34		52														114				
SUM	SR 162DA @ NORTH JCT. CLEV.-MASSILLON RD.	0.08	27	249														337				
SUM	SR 162 @ JACOBY RD	3.78	26																			
SUM	SR 162 @ MEADOW RUN RD.	4.01					3									79	156					
SUM	SR 162 @ SUNNYACRES RD	4.32															63					
SUM	SR 162 @ SCHOCALOG	4.67															110					
SUM	SR 162 @ LINDBERG AVE.	5.25															100					
SUM	SR 162 @ WHITE POND DR.	5.53	24																			
SUM	SR 162 @ COLLIER RD. (WEST LEG)	5.62	12	168												39						
SUM	SR 176 @ WAKEFIELD RUN RD.	5.18						2											150			
SUM	US 224 @ GALA PLAZA	12.96		65			1												145			
SUM	US 224 @ KUBLER TRAIL	13.44	50			152																
SUM	US 224 @ SR 91/CANTON RD.	14.20	85				8	6										330	1900			
SUM	US 224 @ WATERLOO RD.	14.45	74				5	3											560			
SUM	US 224 EAST OF OAKWOOD DR.	14.75	NW '20 98486																			
SUM	US 224 @ SR 532 (WEST LEG)	16.02	29		122		3												183			
SUM	SR 241 @ MAYFAIR RD.	6.03					2											125	91			
SUM	SR 241 @ KILLIAN RD.	6.11	48				8											125	405			
SUM	SR 241 @ BOYER PKWY.	6.64					6	7								57			1130			
SUM	SR 241 @ KRUMROY RD.	7.51	55				4									2			240			
SUM	I-271 SB REST AREA			240										2					714	690		
SUM	I-271 SB ON RAMP FROM REST AREA	0.89																	140			
SUM	I-271 NB OFF RAMP TO REST AREA	0.90		439															795			
SUM	I-271 NB REST AREA			164										2					730	690		
SUM	I-271 SB OFF RAMP TO REST AREA	1.28		495															961			
SUM	I-271 NB ON RAMP FROM REST AREA	1.30																	160			
SUM	I-271 SB ON RAMP FROM BRECKSVILLE RD.	2.71																1050	1230			
SUM	I-271 NB OFF RAMP TO BRECKSVILLE RD.	2.81	70									2						505	580			
SUM	I-271 SB ON RAMP FROM SB I-77	3.24																1060	1000			
SUM	I-271 NB OFF RAMP TO NB I-77	3.36																630	600			
SUM	I-271 SB OFF RAMP TO SB I-77	3.54																530	630			
SUM	I-271 NB ON RAMP FROM NB I-77	3.82																1060	1200			
SUM	I-271 SB ON RAMP FROM SR 303	5.67																1085	1230			
SUM	I-271 NB OFF RAMP TO SR 303	5.84	30		50		2	2				1					57	510	150	570		
SUM	I-271 SB OFF RAMP TO SR 303	5.93	30		50		2	2									57	520	135	530		
SUM	I-271 NB ON RAMP FROM SR 303	6.11																850	400			
SUM	I-271 NB OFF RAMP TO SR 8	11.59	48																460	670		
SUM	I-271 SB ON RAMP FROM SR 8	11.66																900	410			
SUM	I-271 SB OFF RAMP TO SR 8 SB	11.84		1250																4920		
SUM	I-271 SB OFF RAMP TO SR 8	11.86	26				3		3			1						1150	515			
SUM	I-271 NB ON RAMP FROM SR 8	12.06																		3200		
SUM	I-271 NB ON RAMP FROM SR 82	12.85																	960	920		
SUM	I-271 SB OFF RAMP TO SR 82	12.87	48			123	5	5	5			2						530	1080			
SUM	I-271 SB (11.57-11.29)		26	16																195		
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			1050	3138	530	640	0	122	33	8	4	1	8	4	0	2	8	478	12653	10030	21936	1380

SUM - AUXILIARY MARKINGS

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CTY	S.L.M.	24" STOP LINE LIN. FT.	24" TRANSVERSE LINES		12" CROSS WALK LINES LIN. FT.	WORD ON PAV'T ONLY 96" EACH	LANE ARROWS				LANE REDUCTION ARROWS EACH	WRONG WAY ARROWS EACH	SYMBOL				ISLAND MARKING SQ. FT.	DOTTED LINE LIN. FT.	8" CHANNEL LINES LIN. FT.	12" CHANNEL LINES LIN. FT.	PARKING STALLS LIN. FT.	
			WHITE LIN. FT.	YELLOW LIN. FT.			TURN LEFT EACH	TURN RIGHT EACH	THRU EACH	COMB. EACH			HANDICAP EACH	BIKE EACH	RXR EACH	SCHOOL 96" EACH						
SUM	I-277 EB ON RAMP FROM I-76	0.05																		800		
SUM	I-277 WB OFF RAMP TO I-76	0.30		1085																2210		
SUM	I-277 EB OFF RAMP TO WATERLOO	0.95	44								3								360	1050		
SUM	I-277 WB ON RAMP FROM WATERLOO	1.00																	900	370		
SUM	I-277 WB OFF RAMP TO MANCHESTER RD (SR 93)	1.52	32				4					2							550	325	520	
SUM	I-277 EB ON RAMP FROM MANCHESTER RD (SR 93)	1.55							4										750	680		
SUM	I-277 WB ON RAMP FROM MAIN ST	2.26																	750	720		
SUM	I-277 EB OFF RAMP TO MAIN ST	2.29	24									2							650	200	360	
SUM	I-277 WB OFF RAMP TO MAIN ST	2.41	22																650	158	320	
SUM	I-277 EB ON RAMP FROM MAIN ST	2.44																	600	720		
SUM	I-277 EB OFF RAMP TO SB I-77	3.657																		640		
SUM	I-277 WB OFF RAMP TO SB I-77	3.67		150																1685		
SUM	I-277 EB OFF RAMP TO NB I-77	3.91		150																640		
SUM	I-277 WB ON RAMP FROM I-77	4.02		700																1550		
SUM	SR 303 @ ST.PEREGRINE ACADEMY	4.43																				
SUM	SR 303 - 2 WAY LEFT (4.59-4.70)						2													690		
SUM	SR 303 @ I-271 SB RAMPS	4.93							4			2								465		
SUM	SR 303 @ I-271 NB RAMPS	5.18		75					3										57	170		
SUM	I-480 EB OFF RAMP TO SR 82	3.93	NW'22 110698																			
SUM	I-480 WB ON RAMP FROM SR 82	3.94	NW'22 110698																			
SUM	I-480 WB OFF RAMP TO SR 82	4.32	NW'22 110698																			
SUM	I-480 EB ON RAMP FROM SR 82	4.38	NW'22 110698																			
SUM	I-480 WB ON RAMP FROM SR 91	4.58	NW'22 110698																			
SUM	I-480 EB OFF RAMP TO SR 91	4.72	NW'22 110698																			
SUM	I-480 WB OFF RAMP TO SR 91	5.03	NW'22 110698																			
SUM	I-480 EB ON RAMP FROM SR 91	5.14	NW'22 110698																			
SUM	SR 532 @ US 224 (NORTH LEG)	0.00	40						3											225		
TOTAL WILL BE CARRIED TO GENERAL SUMMARY			162	2160	0	0	0	9	13	0	4	2	7	0	0	0	3	57	5540	1903	12265	0

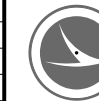
SUM - AUXILIARY MARKINGS

DESIGN AGENCY

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COUNTY	ROUTE	SLM FROM	SLM TO	BEGIN	END	COMMENTS	CENTERLINE QUANTITY		LANE LINE	WHITE EDGE LINE			YELLOW EDGE LINE					
							TOTAL MILES	EQ. SOLID LINE	(6") TOTAL MILES	(6") TOTAL MILES	HIGHWAY	RAMP	(6") TOTAL MILES	HIGHWAY	RAMP			
POR	5	0.18	0.55	I-76	BEGIN DIV HWY				0.74							0.37	0.15	0.22
POR	5	0.55	0.94	I-76	BEGIN DIV HWY	NW '20 100957										0.37	0.15	0.22
POR	5	0.94	1.30	BEGIN DIV HWY	END DIV HWY	NW '20 100957												
POR	5	1.30	2.92	END DIV HWY	BEGIN DIV HWY	NW '20 100957												
POR	5	2.92	3.16	BEGIN DIV HWY	END DIV HWY	NW '20 100957												
POR	5	3.16	5.09	END DIV HWY	END DIV HWY	NW '20 100957												
POR	5	5.09	15.71	SR-59	TRU CO		10.62	4.88				21.24	21.24					
POR	14	0.00	6.66	STRSBO CORP	STRSBO CORP													
POR	14	6.66	7.81	RVNA TWP	SR 44		1.15	1.58	0.56			2.30						
POR	14	7.81	9.91	RVNA TWP	SR 44		2.10	4.17				4.20						
POR	14	9.91	10.15	SR 44	LOOMIS PKWY		0.24	0.39				0.48						
POR	14	10.15	25.41	LOOMIS PKWY			15.26	23.93	3.41			30.52	30.52					
POR	14	25.41	28.77		MAH CO							6.72	6.72					
POR	43	0.00	7.76	STA CO.	CR 18		7.76	12.35	0.32			15.02	15.02					
POR	43	7.76	8.15	CR 18	IR 76		0.39	0.80	0.78			1.28	1.28					
POR	43	8.15	8.50	IR 76	SNCTY VW DR		0.35	0.69	0.70			0.70	0.70					
POR	43	8.50	9.89	SNCTY VW DR	KENT CORP		1.39	4.06	2.78			2.78	2.78					
POR	43	13.21	15.59	KENT CORP	STRSBO CORP		2.38	4.76				4.76	4.76					
POR	43	15.59	20.71	STRSBO CORP	AURORA CORP													
POR	43	20.71	26.25	AURORA CORP	GEA CO													
POR	44	0.00	8.37	STA CO	SR 5	NW'22 96555												
POR	44	15.03	16.48	SR 14	SR 303	NW '20 100957												
POR	44	16.48	19.18	SR 14	SR 303	NW'22 102394												
POR	44	19.18	22.14	SR 303	MILL ST	NW '21 96560												
POR	44	22.14	24.19	MILL ST	SR 82	NW '19 94138												
POR	44	24.19	26.76	SR 82	GEA CO	NW '21 96560												
POR	59	0.00	3.29	SUM CO	KENT CORP													
POR	59	3.29	5.85	KENT CORP	MENOUGH RD		2.56	6.31										
POR	59	3.29	4.02	KENT CORP	RAILROAD		0.73	1.78	1.46			0.84						
POR	59	4.02	5.85	RAILROAD	MENOUGH RD		1.83	4.53				3.66						
POR	59	5.85	6.77	MENOUGH RD	RVNA CORP		0.92	2.47	1.84									
POR	59	9.05	10.03	RVNA CORP	SR 59		0.98	1.29	0.32			1.96	1.96			0.48	0.48	
POR	76	0.00	9.72	SUM CO	NEW MILFORD RD				19.44			21.55	19.44	2.11		21.55	19.44	2.11
POR	76	9.72	13.50	NEW MILFORD RD	SR 14				7.56			7.83	7.56	0.27		7.83	7.56	0.27
POR	76	13.50	21.20	SR 14	MAH CO				15.40			16.40	15.40	1.00		16.40	15.40	1.00
POR	82	0.00	5.06	SUM CO	AURORA CORP													
POR	82	5.06	9.40	AURORA CORP			4.34	8.68				8.68	8.68					
POR	82	9.40	10.62			NW '19 94138												
POR	82	10.68	13.80		HIRAM TWP		3.12	6.24				6.24						
POR	82	13.80	17.89	HIRAM TWP	GRTSVLE TWP	NW '21 96560												
POR	82	17.89	22.53	GRTSVLE TWP	TRU CO		4.64	9.28				9.28						
POR	88	0.00	1.26	SR 59	RVNA CORP													
POR	88	1.26	4.03	RVNA CORP	FREEDOM TWP	NW '19 103282												
POR	88	4.03	7.95	FREEDOM TWP		NW'22 105211												
POR	88	7.95	11.11		LIBERTY ST		3.16	2.93				6.32	7.08					
POR	88	11.11	13.71	LIBERTY ST	SR 305		2.60	3.25				5.20	5.20					
POR	88	13.71	16.43	SR 305	GEA CO		2.72	3.41				5.44	5.44					
POR	183	0.00	2.49	STA CO	US-224 S JCT	NW'22 105120												
POR	183	2.49	7.56	US 224 S	SR 14		5.07					10.14	10.24					
POR	224	0.00	2.27	SUM CO	BEGIN DIV HWY		2.27	2.05				4.54	4.54					
POR	224	2.27	2.58	BEGIN DIV HWY	END DIV HWY				0.25			0.62	0.62			0.62	0.62	
POR	224	2.58	7.50	END DIV HWY	BEGIN DIV HWY		4.92	8.50				9.84	9.84					
POR	224	7.50	7.84	BEGIN DIV HWY	END DIV HWY							0.68	0.68			0.68	0.68	
POR	224	7.84	9.15	END DIV HWY	BEGIN DIV HWY		1.31	1.06				2.62	2.62					
POR	224	9.15	9.69	BEGIN DIV HWY	END DIV HWY				0.20			1.08	1.08			1.08	1.08	
POR	224	9.69	12.99	END DIV HWY	SR-183 N JCT		3.30	2.26				6.60	6.60					
POR	224	13.50	18.67	SR-183 S JCT	MAH CO	NW '20 102392												
TOTAL WILL BE CARRIED TO GENERAL SUMMARY							86.11	INFO	55.76			219.89	INFO	INFO		49.01	INFO	INFO

POR - LONG LINE MARKINGS

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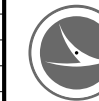
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MODEL: POR - 2 PAPER SIZE: 17x11 (in.) DATE: 2/8/2022 TIME: 12:49:59 PM USER: kburns
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COUNTY	ROUTE	SLM FROM	SLM TO	BEGIN	END	COMMENTS	CENTERLINE QUANTITY		LANE LINE		WHITE EDGE LINE			YELLOW EDGE LINE					
							TOTAL MILES	EQ. SOLID LINE	(6") TOTAL MILES		(6") TOTAL MILES	HIGHWAY	RAMP	(6") TOTAL MILES	HIGHWAY	RAMP			
POR	225	0.00	2.53	STA CO	US-224		2.52	1.56					5.04	5.04					
POR	225	5.24	10.82	SR 14	I-76		4.99	8.76					9.98	9.98					
POR	225	10.23	15.76	I-76	SR-5		5.53	2.76					11.06	11.06					
POR	261	0.00	0.75	SUM CO	BEGIN DIV HWY		0.75	1.28					1.50	1.50					
POR	261	0.75	3.51	BEGIN DIV HWY	END DIV HWY		2.76	2.04					5.52	5.52					
POR	261	3.51	3.84	END DIV HWY	FRNKLN TWP		0.33	0.92					0.66	0.66					
POR	261	3.84	5.06	FRNKLN TWP	SR 59		1.22	1.18	2.44				2.44	2.44					
POR	282	0.00	2.69	SR-305	GEA CO	NW '19 94138													
POR	303	0.00	4.96	SUM CO	STRSBO CORP														
POR	303	4.96	8.70	SHLSVL TWP	SR 44		3.74	6.64					7.48						
POR	303	8.70	13.04	SR 44			4.34	4.43					8.68	8.68					
POR	303	13.04	13.21		SR 88 W JCT	NW'22 105211													
POR	303	13.21	17.77	SR 88 W JCT	WDHM CORP		4.56	4.11					9.12						
POR	303	17.77	20.63	WDHM CORP	TRU CO	NW '19 103282													
POR	305	0.00	0.48	SR-700	HIRAM CORP		0.48	0.60					0.96	0.96					
POR	305	0.48	5.65	HIRAM CORP	SR 282		5.17	6.46					10.19	10.19					
POR	305	5.65	7.36	SR-282	TRU CO	NW '21 110676													
POR	422	0.00	1.94	GEA CO	TRU CO				3.87				3.87	3.87					
POR	480	0.00	1.79	SUM CO	I-80				3.58				3.58	3.58					
POR	700	0.00	4.53	SR 88	SR 82 S JCT		4.53	6.00					9.03	9.03					
POR	700	5.28	7.89	SR 305	GEA CO		2.61	3.74					5.22	5.22					
TOTAL WILL BE CARRIED TO GENERAL SUMMARY							43.53	INFO	9.89				94.33	INFO	INFO		15.39	INFO	INFO

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COUNTY	ROUTE	SLM FROM	SLM TO	BEGIN	END	COMMENTS	CENTERLINE QUANTITY		LANE LINE	WHITE EDGE LINE			YELLOW EDGE LINE					
							TOTAL MILES	EQ. SOLID LINE	(6") TOTAL MILES	(6") TOTAL MILES	HIGHWAY	RAMP	(6") TOTAL MILES	HIGHWAY	RAMP			
STA	21	0.00	5.47	TUS CO	US 62	NW '19 100939												
STA	21	5.47	12.39	US 62	MASS CORP													
STA	21	12.39	17.33	MASS CORP					4.94			4.94	4.94		4.94	4.94		
STA	21	17.33	21.44		WAY CO				8.22			8.79	8.22	0.57	8.79	8.22	0.57	
STA	30	0.00	9.58	WAYNE CO	SR 21				19.93			23.84	19.16	4.68	21.92	19.16	2.10	
STA	30	9.58	13.10	MASS CORP	CNTN CORP				7.04			9.70	7.60	2.10	9.48	7.60		
STA	30	18.50	19.16	TRUMP AVE	SR 172		0.66	1.15	0.66			1.32	1.32					
STA	30	19.16	21.55	TRUMP AVE	E Canton Lim				0.32			4.78	4.78					
STA	30	21.55	25.84	E CANTON LIM	MPLTN ST		4.29	4.22				8.58	8.58					
STA	30	25.84	31.96	MPLTN ST			6.12	8.50				12.24	12.24					
STA	30	31.96	33.39		COL CO		1.43	2.15				2.86	3.58					
STA	43	0.00	9.03	CAR CO		NW '19 98386												
STA	43	9.03	10.74		CNTN CORP		1.71	3.26										
STA	43	17.23	19.26	E Canton Lim	APPLEGROVE		2.03	3.59	4.06			2.03	2.03					
STA	43	19.26	25.50	APPLEGROVE	SR 619 E JCT		6.24	7.43				6.24	6.24					
STA	43	25.50	27.20	619 W JCT	POR CO		1.70	2.96				3.40	3.40					
STA	44	0.00	7.84	SR 43	30 E JCT		7.80	13.88				15.68	15.68					
STA	44	8.68	8.84	30 W JCT			0.16	0.24				0.32	5.88					
STA	44	8.84	12.23		LOUISV COR		3.39	5.09				6.78	5.88					
STA	44	13.70	14.21	LOUISV COR	BEGIN DIV HWY		0.51	1.20	0.11			1.02	1.02					
STA	44	14.21	14.58	BEGIN DIV HWY	END DIV HWY				0.17			0.74	0.74		0.74	0.74		
STA	44	14.58	19.39	END DIV HWY	ST PETERS	NW '19 98392												
STA	44	19.39	23.21	ST PETERS	POR CO		3.82	4.87				7.64	7.64					
STA	62	0.00	0.85	HOL CO	US 250		0.85	1.50				1.70	1.70					
STA	62	0.94	3.96	US 250	SR 93		3.02	3.83				6.04	6.04					
STA	62	3.96	5.10	SR 93	CANAL ST		1.14	1.34				2.28	2.28					
STA	62	5.10	5.33			NW'22 110990												
STA	62	5.33	8.50		CANAL ST		3.17	4.39				6.34	6.34					
STA	62	8.50	10.73	CANAL ST	MASS CORP		2.23	4.98				4.46	4.46					
STA	62	24.90	25.31	CANTON CORP	HARMONT	NW '21 113339 R WR												
STA	62	25.31	27.40	HARMONT	LEAVE CORP	NW'22 112748												
STA	62	27.40	30.12	LEAVE CORP	SR 44				5.44			6.20	5.44	0.76	6.20	5.44	0.76	
STA	62	30.12	35.50	SR 44	SR 173				10.76			10.76	10.76		10.76	10.76		
STA	62T	0.00	4.67	US 62	SR 225				9.34			10.28	9.34	0.94	10.28	9.34	0.94	
STA	77	0.00	8.36	TUS CO					19.72			4.91	0.00	4.91	4.91	0.00	4.91	
STA	77	8.36	9.50			NW '19 90973												
STA	77	9.50	11.84						4.68			41.20	8.20	14.00	41.20	27.20	14.00	
STA	77	11.84	12.80			NW '21 113339 R WR												
STA	77	12.80	17.60			NW '19 100939												
STA	77	17.60	18.54		SUM CO	NW '19 93102												
STA	93	0.00	3.36	TUS CO	SR 62	NW '19 96671												
STA	93	3.72	5.84	SR 62		NW '19 96671												
STA	93	5.84	8.82	HARMON AVE	BARRS ST	NW '21 102351												
STA	93	8.82	11.71	BARRS ST	SR 172		2.89	6.57				5.78	5.78					
STA	93	11.71	17.65	SR 172	CANAL FLTN	NW '22 101417												
STA	93	19.25	20.64	CANAL FLTN	SUM CO		1.39	1.93				2.52	2.52					
STA	153	0.00	3.12	CNTN CORP	CNTN CORP													
STA	153	3.12	4.00	CNTN CORP		NW'22 112748												
STA	153	4.00	5.17		LSVLE CORP	NW '21 98389												
STA	153	7.47	9.87	LSVLE CORP	WSHTN TWP		2.40	3.43				4.80	4.80					
STA	153	10.00	14.69	WSHTN TWP	SR 183		4.69	4.48				9.38	9.38					
STA	171	0.00	1.00	SR 183	CAR CO		1.00	1.42				2.00	2.00					
STA	172	0.00	3.95	WAY CO	MASS CORP		3.95	10.00	7.90									
STA	172	8.83	10.76	MASS CORP	W OF PERRY DR.		3.08	7.75	6.16									
STA	172	10.76	11.03	W OF PERRY DR.	E OF PERRY DR.	NW '22 111010												
STA	172	11.03	11.91	E OF PERRY DR.	CNTN CORP													
STA	172	16.58	17.61	CNTN CORP	US 30 OVERLAP		1.03	2.56				1.56	1.56					
STA	172	19.51	20.00	US 30 OVERLAP	E CNTN CORP	NW (IN CITY)												
STA	172	20.00	25.90	E CNTN CORP	PARIS		5.90					11.80	11.80					
STA	172	25.90	30.32	PARIS	COL CO		4.42	8.04				8.84	8.84					
TOTAL WILL BE CARRIED TO GENERAL SUMMARY							81.02	INFO	109.45			261.75	INFO	INFO		119.22	INFO	INFO

STA - LONG LINE MARKINGS

DESIGN AGENCY



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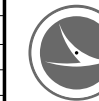
PROJECT ID
106294

SHEET TOTAL
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COUNTY	ROUTE	SLM FROM	SLM TO	BEGIN	END	COMMENTS	CENTERLINE QUANTITY		LANE LINE	WHITE EDGE LINE			YELLOW EDGE LINE				
							TOTAL MILES	EQ. SOLID LINE	(6") TOTAL MILES	(6") TOTAL MILES	HIGHWAY	RAMP	(6") TOTAL MILES	HIGHWAY	RAMP		
STA	173	0.00	4.43	SR 44	US 62	NW '19 98392											
STA	183	0.00	0.68	CAR CO			0.68	1.11			1.36	1.36					
STA	183	0.68	2.09		GERDANVILLE AVE	NW '21 102351											
STA	183	2.09	3.55	GERDANVILLE AVE	SR 43		1.46	2.38			2.92	2.92					
STA	183	5.88	6.47	US 30 E JCT		NW '21 102351											
STA	183	6.47	9.84				3.37	5.63			6.74	6.74					
STA	183	9.84	10.30		SR 172	NW '21 106622											
STA	183	10.30	16.35	SR 172	Alliance Corp		6.05	10.19			12.10	12.10					
STA	183	19.78	24.04		POR CO	NW'21 101418											
STA	212	0.00	2.38	US 250	TUS CO	NW '20 96671											
STA	212	2.38	5.54	TUS CO	TUS CO		3.16	7.47			6.32	6.32					
STA	225	0.00	0.33	ALLI CORP	ALLI CORP												
STA	225	0.33	0.68	ALLI CORP	US 62T WB	NW'22 102870											
STA	225	0.68	0.78	US 62T WB			0.10	0.25			0.20	0.20					
STA	225	0.78	4.24		POR CO	NW'21 98393											
STA	236	0.00	0.61	MASS CORP	MASS CORP												
STA	236	0.61	5.50	MASS CORP	PORTAGE ST		4.89	7.43			14.86	14.86					
STA	236	5.50	7.72	PORTAGE ST	SUM CO		2.22	4.34			4.44	4.44					
STA	241	0.00	3.78	WAY CO	SR 93		3.78	4.73			7.56	7.28					
STA	241	3.78	6.01	SR 93	Mass Corp	NW '21 102351											
STA	241	11.29	13.83	MASS CORP			2.54	3.23			4.82	4.82					
STA	241	13.83	14.67				0.84	1.21			1.68	1.68					
STA	241	14.67	17.90		SUM CO		3.23	4.05			6.46	6.46					
STA	250	0.00	4.13	WAY CO	TUS CO	NW '20 96671											
STA	619	0.00	2.00	SUM CO		NW '20 98383											
STA	619	7.36	14.75	ETTER RD	ATWATER AVE	NW '19 100939											
STA	619	14.75	16.44	ATWATER AVE	SR 183	NW '21 105235											
STA	627	0.00	4.55				4.55	5.47			4.40	8.80					
STA	687	0.00	0.91	SR 241			0.91	1.91			1.82	1.82					
STA	687	0.91	1.40			NW '21 87660											
STA	687	1.40	2.57		EVHRD RD		1.17	2.44	2.34		2.34	2.34					
STA	687	2.57	5.27	EVHRD RD			2.70	5.60	5.40		5.40	5.40					
STA	687	5.27	5.53		I-77		0.26	0.39	0.52		0.52	0.52					
STA	800	0.00	7.04	TUS CO			7.04	7.94			14.08	14.08					
STA	800	7.04	8.03				0.99	2.23			1.98	1.98					
STA	800	8.03	8.35	33RD ST	MILL ST	NW '19 102673											
STA	800	8.35	8.65		CNTN CORP		0.60	0.82			1.20	1.20					
TUS	93	14.73	14.85	US 250	STA CO	NW'21 D11											
TUS	212	0.00	1.07	0.00	STA CO	NW'21 D11											
TUS	250	0.00	0.22	SR 93	ST CO	NW'21 D11											
TOTAL WILL BE CARRIED TO GENERAL SUMMARY							50.54	INFO	8.26		101.20	INFO	INFO	0.00	INFO	INFO	

STA - LONG LINE MARKINGS

DESIGN AGENCY



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RMM 08-10-21

PROJECT ID

106294


SHEET TOTAL

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COUNTY	ROUTE	SLM FROM	SLM TO	BEGIN	END	COMMENTS	CENTERLINE QUANTITY		LANE LINE	WHITE EDGE LINE			YELLOW EDGE LINE					
							TOTAL MILES	EQ. SOLID LINE	(6") TOTAL MILES	(6") TOTAL MILES	HIGHWAY	RAMP	(6") TOTAL MILES	HIGHWAY	RAMP			
SUM	8	0.00	12.32	AKRON CORP	HDSN CORP													
SUM	8	12.32	13.28	HDSN CORP		NW '19 76721												
SUM	8	13.28	17.23		MCDNA CORP		3.95		19.64		20.72	19.64	1.08		20.72	19.64	1.08	
SUM	8	19.00	20.27	MCDNA CORP	END DIV HWY				2.54		2.54	2.54			2.54	2.54		
SUM	8	20.27	21.32	END DIV HWY	CUY CO		1.03	1.67	2.10		0.01	0.01						
SUM	18	0.00	2.61	I-77	MED CO		2.61	4.46	10.44		6.09	5.22	0.87		6.09	5.22	0.87	
SUM	21	0.00	5.14	WAYNE CO	NORTON CORP													
SUM	21	5.14	9.76	NORTON CORP	I-77				9.24		9.81	9.24	0.57		9.81	9.24	0.57	
SUM	21	19.26	19.57	I-77		NW '21 113339 R WR												
SUM	21	19.57	20.77		CUY CO	NW '20 100387												
SUM	76	0.00	5.60	MED CO	CENTRAL AVE	NW '19 93501												
SUM	76	5.60	6.31	CENTRAL AVE		NW '19 96670												
SUM	76	6.31	8.24						3.30		2.91	1.93	0.98		2.91	1.93	0.98	
SUM	76	8.24	9.96		PRINCETON ST	NW '21 102329												
SUM	76	9.96	11.01	PRINCETON ST	SUMNER ST	NW '21 113339 R WR												
SUM	76	11.01	12.03	SUMNER ST		NW '21 102329												
SUM	76	12.03	17.68		TLMDGE CORP				17.95		9.06	5.65	3.41		9.06	5.65	3.41	
SUM	77	0.00	4.07	STA CO		NW '19 93102												
SUM	77	4.07	6.78		CENT INTRCH				11.58		2.55	0.00	2.55		2.55	0.00	2.55	
SUM	77	6.78	9.74	N KENMORE L		NW '21 106002												
SUM	77	9.74	12.11	N KENMORE L	SCHOCALOG	NW '21 102329												
SUM	77	15.37	15.87	N KENMORE L	SCHOCALOG	NW '21 102329												
SUM	77	15.87	17.20			NW'22 88937												
SUM	77	17.20	19.51			NW'22 88937												
SUM	77	19.51	21.99						9.92		4.96	4.96			4.96	4.96		
SUM	77	21.99	24.40						9.64		7.82	4.82	3.00		7.82	4.82	3.00	
SUM	77	24.40	28.38	SR 21 RAMPS					7.78		9.06	7.78	1.28		8.70	7.78	0.92	
SUM	77	28.29	32.81			NW '21 113339 R WR												
SUM	77	32.81	33.60		CUY CO				1.58		2.21	1.58	0.63		2.21	1.58	0.63	
SUM	82	0.00	3.37	CUY CO	Macdonia Corp		3.37	3.84	0.21		6.74	6.74						
SUM	82	9.31	10.57	TWNSBG CORP	POR CO		1.26	1.53			2.52	2.52						
SUM	91	0.00	0.30	US 224	FRMDL RD	NW '19 89113												
SUM	91	0.30	0.75	FRMDL RD	AKRON CORP		0.75	1.46	1.42		1.42	1.42			1.42	1.42		
SUM	91	17.21	17.63	HUDSON CORP	TWINSBRG CORP		0.42	0.51			0.84	0.84						
SUM	93	5.52	5.98	NEW FRANKLIN			0.46	0.92			0.92	0.92						
SUM	93	5.98	7.78				1.80	2.48			3.60	3.60						
SUM	93	7.78	8.03		AKRON CORP		0.25	0.63	0.50		0.50	0.50						
SUM	162	0.00	5.62	MED CO	AKRON CORP		5.62	10.00			11.24	11.24						
SUM	176	0.00	5.59	I-77	CUY CO		5.59	6.60	1.04		11.18	11.18						
SUM	224	12.71	14.05	AKRON CORP			1.34	2.50	2.68		2.68	2.68						
SUM	224	14.05	14.20			NW '19 89113												
SUM	224	14.20	14.95			NW '19 89113												
SUM	224	14.95	16.07		POR CO		1.12	0.71	0.95		2.44	2.44						
SUM	241	6.70	7.78	GREEN CORP	AKRON CORP		1.08	1.49			2.16	2.16						
SUM	261	0.00	3.51	MED CO			3.51				7.02							
SUM	271	0.00	8.54	0.00	BSTN MILLS RD				17.08		17.08	17.08			17.08	17.08		
SUM	271	8.54	10.91	BSTN MILLS RD					1.19		4.74	4.74			4.74	4.74		
SUM	271	10.91	11.64		SR 8				0.37		1.55	1.46	0.09		1.55	1.46	0.09	
SUM	271	11.64	12.64		SR 8	SR 82			3.50		5.38	2.60	2.78		5.38	2.60	2.78	
SUM	271	12.64	15.24		SR 82	CUY CO			10.40		5.20	4.66	0.54		5.20	4.66	0.54	
SUM	277	0.00	4.14	I-76	I-77				16.56		9.87	8.28	1.59		9.87	8.28	1.59	
SUM	303	0.00	5.39	MED Co	Peninsula Corp		5.39	6.15			10.78	10.78						
SUM	303	5.39	10.54	Peninsula Corp	HUDSON CORP		5.15	7.85			10.30	10.30						
SUM	480	0.00	8.67	CUY CO	POR CO	NW'22 110698												
SUM	532	0.00	0.80	US 224	MGDORE CORP		0.80	0.56			1.60	1.60						
SUM	532	0.80	2.38	MGDORE CORP	AKRON CORP		1.58	3.60			3.16	3.16						
SUM	619	2.97	3.85	BARBTN CORP	NEW FRANKLIN		0.88	1.86			1.76	1.76						
TOTAL WILL BE CARRIED TO GENERAL SUMMARY							47.96	INFO	161.60			202.42	INFO	INFO		122.61	INFO	INFO

SUM - LONG LINE MARKINGS

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RMM 08-10-21

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