

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

JAC - CR505 - 0.00

LICK TOWNSHIP
CITY OF JACKSON
JACKSON COUNTY

FEDERAL PROJECT NUMBER

E220442

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

PROJECT CONSISTS OF RESURFACING APPROXIMATELY 0.33 MILE OF JAC - CR505 (PEARL STREET) FROM BRIDGE STREET TO CHURCH STREET. IT WILL CONSIST OF MILL AND FILL, WITH FULL DEPTH REPAIRS IN SPECIFIED AREAS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.0 ACRES

ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.0 ACRES

NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI NOT REQUIRED)

2023 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.




Michael G. Dombrowski
District 09 Deputy Director




Jack Marchbanks, PhD
Director, Department of Transportation

ENGINEER'S SEAL:



DESIGN AGENCY



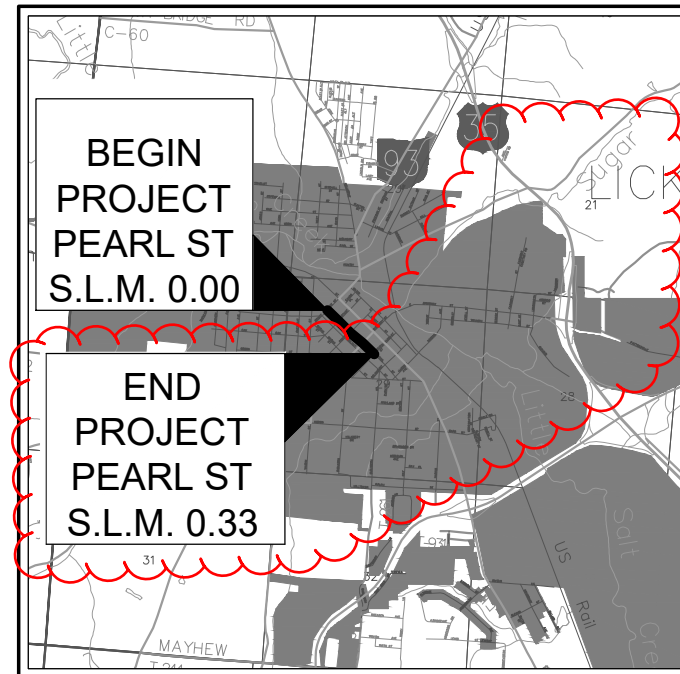
buckleygroup
engineering/surveying

DESIGNER
BWJ

REVIEWER
CDK 06-04-2024

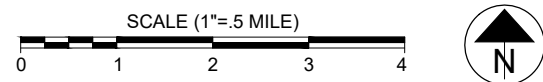
PROJECT ID
17096

SHEET TOTAL
P. 8



LOCATION MAP

LATITUDE: 39° 03' 05.7" N LONGITUDE: 82° 38' 19" W



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

DESIGN DESIGNATION JAC - CR505

CURRENT ADT (2024)	1438
DESIGN YEAR ADT (2036)	1824
DESIGN HOURLY VOLUME (2036)	173
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	4%
DESIGN SPEED	30
LEGAL SPEED	25
DESIGN FUNCTIONAL CLASSIFICATION:	
MINOR ARTERIAL	
NHS PROJECT	NO

DESIGN EXCEPTIONS

ADA DESIGN WAVIER: NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig



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

PLAN PREPARED BY:
BUCKLEY GROUP, LLC
6801 STATE ROUTE 56, ATHENS, OH 45701
PH: (740) 589-5001 WWW.BUCKLEY.GROUP

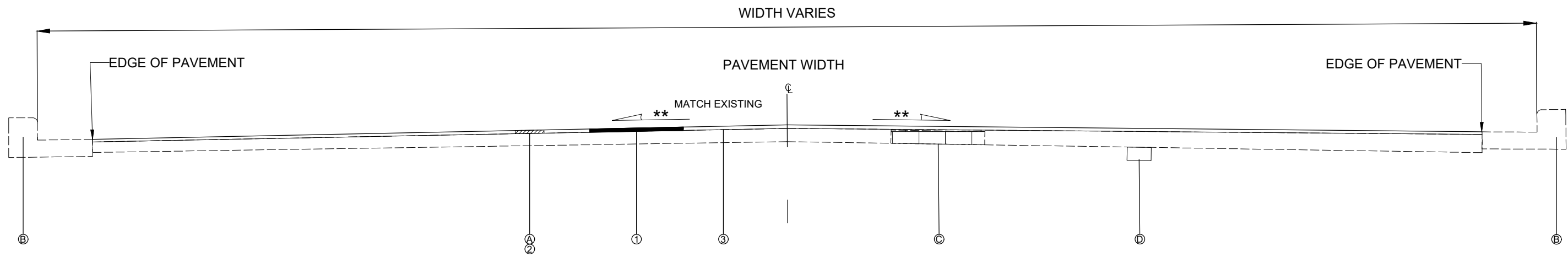
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STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	01/19/24	800	1/19/24		
		897	1/16/15		
MT-95.31	7/19/19				
MT-95.32	4/19/19				
MT-97.10	4/19/19				
MT-97.12	1/20/17				
MT-101.90	7/17/20				
TC-41.20	10/18/13				
TC-42.20	10/18/13				
TC-52.10	10/18/13				
TC-52.20	1/15/21				
TC-71.10	4/21/23				
TC-74.10	7/21/23				

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TITLE SHEET



TYPICAL SECTIONS

PAVEMENT LEGEND

- ① ITEM 441 - 2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22
- ② ITEM 897- PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, AS PER PLAN, 2" DEPTH
- ③ ITEM 407- TACK COAT 702.13, (RUBBERIZED TACK), AS PER PLAN

- (A) EXISTING ASPHALT PAVEMENT (VARYING DEPTH, 2" MAX.)
- (B) EXISTING CURB
- (C) EXISTING BRICK - 3.75" THICKNESS
- (D) EXISTING AGGREGATE BASE - THICKNESS VARIES

NOTES:

TYPICAL SECTIONS SHOWN ARE FOR TANGENT SECTION WITH NORMAL CROWN ONLY. TYPICAL SECTIONS FOR SUPERELEVATED SECTIONS AND SUPERELEVATED TRANSITION SECTIONS FOR CURVED SECTIONS SHALL FOLLOW THE EXISTING PAVEMENT UNLESS THE ENGINEER DIRECTS THAT A CORRECTION IS TO BE PERFORMED.

** MATCH EXISTING SLOPE UNLESS THE ENGINEER DIRECTS THAT A CORRECTION IS TO BE PERFORMED.

SEE BP 3.1 FOR BUTT JOINT AND PAVEMENT FEATHERING.

IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD LOCATE EX. UTILITY GRATES, MANHOLES, AND VALVES, LOCATED IN ROADWAY AND ADJACENT TO ROADWAY, BEFORE PLANING. THE CONTRACTOR WILL LEAVE ALL UNDISTURBED BEFORE, DURING, AND AFTER CONSTRUCTION UNLESS NOTED OTHERWISE IN PLANS. MAINTAIN POSITIVE DRAINAGE AT EXISTING INLETS.

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DESIGN AGENCY



DESIGNER	BWJ
REVIEWER	
PROJECT ID	CDK 06-04-2024
SHEET	17096
TOTAL	8

JAC-CR505-0.00

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UTILITIES

THERE ARE NO EXISTING UTILITY FACILITIES SHOWN ON THIS PLAN, NOR WILL ANY EXISTING UTILITY FACILITIES BE RELOCATED AHEAD OF THIS PROJECT. HOWEVER, THE NATURE OF THE WORK REQUIRED BY THIS PROJECT DOES HAVE THE POTENTIAL TO AFFECT UNDERGROUND UTILITIES THAT MAY EXIST WITHIN OR ADJACENT TO THE WORK AREA. IT IS THE RESPONSIBILITY OF THE PROJECT CONTRACTOR TO IDENTIFY POTENTIAL UTILITY CONFLICTS, BY VISUAL INSPECTION AND BY CONTACTING THE OHIO UTILITIES PROTECTION SERVICE (OHIO 811) FOR FIELD MARKINGS OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT AND COORDINATE WITH THE UTILITY OWNERS TO RESOLVE ALL UTILITY CONFLICTS PRIOR TO CONSTRUCTION OR, WITH THE APPROVAL OF THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST THE PROJECT CONSTRUCTION ACCORDINGLY, SO AS TO AVOID DAMAGE TO THE EXISTING UTILITY FACILITIES.

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

CITY OF JACKSON ELECTRIC DEPARTMENT
145 BROADWAY STREET
JACKSON, OHIO 45640
MR. TOM WOLTZ
740-288-6881

FRONTIER COMMUNICATIONS
1315 ALBERT STREET
PORTSMOUTH, OHIO 45662
MS. DENA MARTIN
740-354-0521

HORIZON NETWORK PARTNERS
1123 GOODALE BLVD. SUITE 550
COLUMBUS, OHIO 43212
MR. JIM LUMP
740-772-8256

CHARTER COMMUNICATIONS
32 ENTERPRISE DRIVE
CHILLICOTHE, OHIO 45601
MR. AARON KEMPTON
740-648-3027

CITY OF JACKSON WATER DEPARTMENT
319 WALNUT STREET
JACKSON, OHIO 45640
MR. STEVE RIEGEL
740-286-3271

COLUMBIA GAS OF OHIO
843 PIATT AVENUE
CHILLICOTHE, OHIO 45601
MS. TIFFANY WOODYARD
740-772-9131

WINDOW CONTRACT TABLE

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE
ALL WORK ON PROJECT	60

CONSTRUCTION START DATE

CONSTRUCTION SHALL NOT BEGIN UNTIL SEPTEMBER 23RD, 2024 TO AVOID DISRUPTION OF THE CITY OF JACKSON'S APPLE FESTIVAL.

WORK LIMITS

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

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE, SURFACE COURSE AS SHOWN ON THE TYPICAL SECTIONS.

DISPOSAL OF ASPHALT GRINDINGS

ASPHALT GRINDINGS FROM THIS PROJECT ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

ITEM 897 - PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, AS PER PLAN, 2' DEPTH

MILL EXISTING ASPHALT SURFACE TO A DEPTH OF 2 INCHES OR TO TOP OF BRICK SURFACE. SKIM BRICK SURFACE FOR ASPHALT SURFACE COURSE ADHESION.

ITEM 897 - PATCHING PLANED SURFACE, AS PER PLAN

THIS ITEM SHALL BE IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 897 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS AND AS DIRECTED AS BY THE ENGINEER.

ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR THE FOLLOWING WORK:

ITEM 897 PATCHING PLANED SURFACE 1,531 SQ. YD.

BRICK AREAS DAMAGED DURING MILLING OPERATIONS SHALL BE REPAIRED BY CLEANING AREAS OF LOOSE MATERIAL, COAT WITH 407.02 ASPHALT MATERIAL AND FILL WITH ITEM 441, TYPE 1 MATERIAL. LEVEL AND COMPACT NEW MATERIAL FLUSH TO THE ADJACENT PLANED PAVEMENT.

ADJUSTMENTS TO GRADE

THE ENGINEER SHALL DETERMINE LOCATIONS OF MANHOLES, CATCH BASINS, AND INLETS TO BE ADJUSTED TO GRADE AS NECESSARY AS DESCRIBED IN CONSTRUCTION AND MATERIALS SPECIFICATIONS (CMS) ITEM 611

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF JACKSON PRIOR TO ADJUSTING ANY CITY OWNED FACILITIES.

THE FOLLOWING IS AN ESTIMATED QUANTITY TO USE AS DIRECTED BY THE ENGINEER FOR THE ABOVE WORK:

ITEM 611: MANHOLE ADJUSTED TO GRADE 7 EACH
ITEM 611: CATCH BASIN ADJUSTED TO GRADE 15 EACH

THE ENGINEER SHALL DETERMINE LOCATIONS OF VALVE BOXES AND SERVICE SERVICE BOXES TO BE ADJUSTED TO GRADE AS NECESSARY AS DESCRIBED IN CONSTRUCTION AND MATERIALS SPECIFICATIONS (CMS) ITEM 638

THE FOLLOWING IS AN ESTIMATED QUANTITY TO USE AS DIRECTED BY THE ENGINEER FOR THE ABOVE WORK:

ITEM 638: VALVE BOX ADJUSTED TO GRADE 5 EACH

ITEM 407 NON-TRACKING TACK COAT

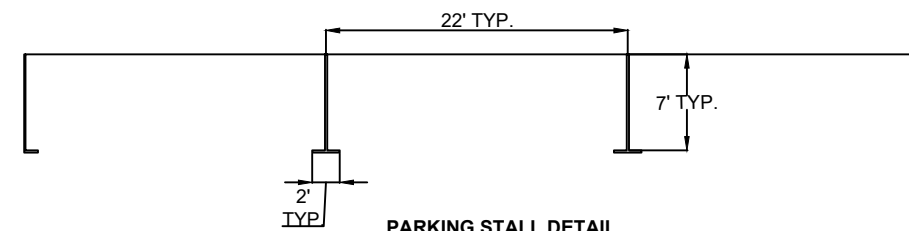
NON-TRACKING TACK COAT SHALL BE USED ONLY ON ASPHALT SURFACES.

ITEM 407 TACK COAT, 702.13 (RUBBERIZED TACK), AS PER PLAN

IN INSTANCES WHERE ASPHALT IS TO BE PLACED DIRECTLY ON BRICK, THEN ITEM 407 TACK COAT, 702.13 (RUBBERIZED TACK) SHALL BE USED.

ITEM 644 PARKING LOT STALL MARKINGS

UPON COMPLETION OF PAVING OPERATIONS REPLACE EXISTING PARKING STALL MARKINGS WITH ITEM 644 -PARKING LOT STALL MARKINGS AS DETAILED BELOW.



PARKING STALL DETAIL

(NOT TO SCALE)

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN

PAVEMENT REPAIR ON PEARL ST. SHALL INVOLVE REMOVAL OF EXISTING PAVEMENT TO A DEPTH OF APPROXIMATELY 9" INCLUDING ASPHALT CONCRETE SURFACE, BRICK, AND PORTLAND CEMENT CONCRETE. IN ADDITION, 10" OF SUBGRADE MATERIAL SHALL BE REMOVED, SUBGRADE COMPACTED, AND PLACE 10" OF 304 AGGREGATE BASE IN 2 EQUAL LIFTS. PLACE A MINIMUM OF 5" OF ITEM 301, ASPHALT CONCRETE BASE, AND THEN 2" OF ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG64-22. DURING MILL AND FILL PROJECT PHASE, 1.5" TO 2" OF ADJACENT EXISTING ASPHALT SURFACE WILL BE REMOVED THRU PLANING. THE MILLED SURFACE AND THE TOP OF INTERMEDIATE COURSE SHOULD MATCH. 2" OVERLAY OF ASPHALT CONCRETE SURFACE COURSE WILL BE PERFORMED OVER ENTIRE ROADWAY SURFACE (NOT INCLUDED IN ITEM 253 PAVEMENT REPAIR).

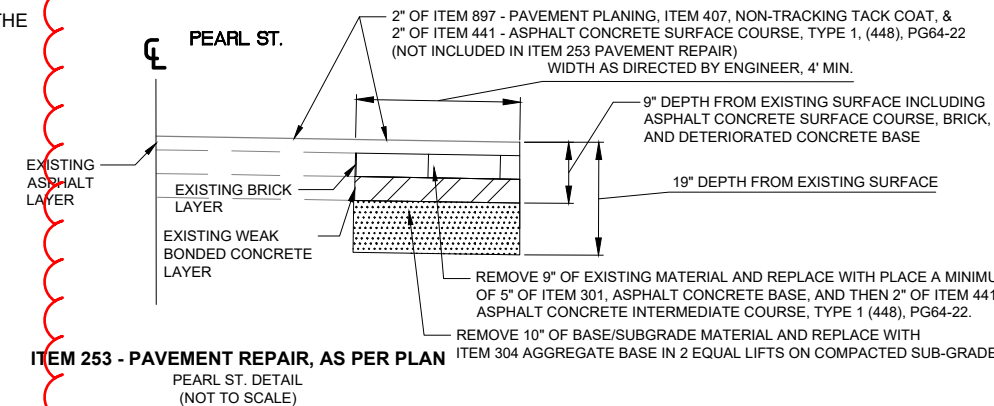
THE PAVEMENT REPAIR SHALL RECEIVE AN APPLICATION OF ITEM 407, NON-TRACKING TACK COAT PRIOR TO THE APPLICATION OF ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (448), PG64-22.

CONTRACTOR SHALL MAINTAIN ONE LANE TRAFFIC IN AREAS WHERE PAVEMENT REPAIRS ARE OVERLAPPING CENTERLINE OF ROADWAYS. THE CONTRACTOR SHALL ARRANGE FOR ALL MAINTENANCE OF TRAFFIC OPERATIONS SUCH THAT THERE WILL BE NO OBSTRUCTIONS TO THE CONTINUOUS FLOW OF TRAFFIC. ALL INTERSECTIONS AND DRIVEWAYS SHALL BE OPEN TO TRAFFIC AT ALL TIMES UNLESS OTHERWISE SHOWN IN THE PLAN. ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY IN ADDITION TO THE REPAIRS SPECIFIED WITHIN JACKSON FOR USE TO REPAIR THE EXISTING PAVEMENT AS DIRECTED BY THE ENGINEER.

ITEM 253, PAVEMENT REPAIR, AS PER PLAN 24 SY 01/S5K/05

PAYMENT FOR ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED IN THE SQUARE YARD (SY) CONTRACT PRICE FOR ITEM 253- PAVEMENT REPAIR, AS PER PLAN.



ITEM 253 - PAVEMENT REPAIR, AS PER PLAN

PEARL ST. DETAIL
(NOT TO SCALE)

GENERAL NOTES

DESIGN AGENCY



buckleygroup
engineering/surveying

DESIGNER

BWJ

REVIEWER

CDK 06-04-2024

PROJECT ID

117096

SHEET

P.3

TOTAL

8

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC WITH FLAGGERS FOR TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND THE COMPLETED PAVEMENT.

BEFORE THE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAME(S) AND TELEPHONE NUMBER(S) OF A PERSON OR PERSONS WHO CAN BE CONTACTED TWENTY-FOUR (24) HOURS PER DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD).

THE CONTRACTOR WILL ADVISE THE DISTRICT PUBLIC INFORMATION OFFICER AT (740) 774-8834, OR EMAIL, D09.PIO@DOT.OHIO.GOV FOURTEEN (14) DAYS PRIOR TO THE START OF CONSTRUCTION. THE PROJECT ENGINEER WILL PROVIDE ASSISTANCE/CLARIFICATION FOR ANY QUESTIONS.

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
(OTHER HOLIDAY OR EVENT)	

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	TIME ALL LANES
OR EVENT	MUST BE OPEN TO TRAFFIC

SUNDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY	(THANKSGIVING ONLY)
FRIDAY	6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$50 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

THE CONTRACTOR SHALL ARRANGE FOR ALL MAINTENANCE OF TRAFFIC OPERATIONS SUCH THAT THERE WILL BE NO OBSTRUCTIONS TO THE CONTINUOUS FLOW OF TRAFFIC. ALL INTERSECTIONS AND DRIVEWAYS SHALL BE OPEN TO TRAFFIC AT ALL TIMES UNLESS OTHERWISE SHOWN IN THE PLAN.

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

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), AND TYPE III BARRICADES OF THE TYPE AND LOCATION AS SHOWN IN THE PLANS.

ITEM 614, MAINTAINING TRAFFIC, CONTINUED

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

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

SEQUENCE OF CONSTRUCTION

PAVEMENT REPAIR

SAWCUT PAVEMENT REPAIR AREAS AS DESIGNATED BY THE ENGINEER. CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC WITH FLAGGERS FOR TRAFFIC IN BOTH DIRECTIONS. FULL DEPTH REMOVAL IN AREAS THAT OVERLAP THE CENTERLINE SHOULD ONLY BE PERFORMED ONE LANE AT A TIME IN LENGTHS FEASIBLE FOR FLAGGING TRAFFIC IN BOTH DIRECTIONS. PAVEMENT REPAIR SHALL BE CONSTRUCTED UP PER THE PAVEMENT REPAIR DETAIL (SEE SHEET 3) BEFORE REMOVING PAVEMENT IN THE ADJACENT LANE. FOLLOWING THE CONSTRUCTION OF THE PROPOSED PAVEMENT REPAIRS, ANY DROP-OFFS THAT EXIST PRIOR TO PAVEMENT PLANING SHALL BE ADDRESSED AS PER SCD MT-101.90.

MILL AND FILL OPERATIONS

CONTRACTOR IS TO PERFORM MILLING OPERATIONS WHILE MAINTAINING ONE LANE OF TRAFFIC WITH FLAGGERS FOR TRAFFIC IN BOTH DIRECTIONS. THE CONTRACTOR SHOULD LIMIT THE AMOUNT OF TIME THAT TRAFFIC IS PERMITTED TO DRIVE ON MILLED SURFACES TO 24 HOURS. PATCH PLANED SURFACE AS NECESSARY. PLACE NON-TRACKING TACK COAT AND FINE GRADED POLYMER ASPHALT CONCRETE.

PAVEMENT MARKING

COMPLETE PAVEMENT MARKING OF CENTERLINE, STOP LINES AT SIDE STREETS, PARKING STALLS, AND CROSSWALKS

ITEM 614, NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE OFFICE OF COMMUNICATIONS. THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

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

NOTICE TO OFFICE OF COMMUNICATIONS TIME TABLE

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

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

ITEM 614, WORK ZONE MARKINGS AND SIGNS

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

ITEM 614, WORK ZONE MARKING SIGN

8 EACH

ITEM 614, WORK ZONE CENTERLINE, CLASS III, 642 PAINT (2 APPLICATIONS OF TEMPORARY MARKINGS)

0.34 MILES

ITEM 614, WORK ZONE STOP LINE, CLASS III, 642 PAINT, AS PER PLAN (ACCOUNTS FOR ALL STOP LINES FROM FROM THE INTERSECTION OF PEARL ST. AND BRIDGE ST. TO THE INTERSECTION OF PEARL ST. AND LOCUST ST., FROM THE INTERSECTION OF PEARL ST. AND LOCUST ST. TO THE INTERSECTION OF PEARL ST. AND BROADWAY ST., FROM THE INTERSECTION OF PEARL ST. AND BROADWAY ST. TO THE INTERSECTION OF PEARL ST. AND CHURCH ST., AND FROM THE INTERSECTION OF PEARL ST. AND CHURCH ST. TO THE INTERSECTION OF CHURCH ST. AND MAIN ST.)

114 FEET

DESIGN AGENCY



DESIGNER
BWJ

REVIEWER
CDK 06-04-2024

PROJECT ID
117096

SHEET TOTAL
P.4 | 8

JAC-CR505-0.00

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SHEET NUM.					PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	6	7	8	01/S5K/05						
										DRAINAGE	
15					15	611	98630	15	EACH	CATCH BASIN ADJUSTED TO GRADE	
7					7	611	99654	7	EACH	MANHOLE ADJUSTED TO GRADE	
										PAVEMENT	
		382			382	252	01500	382	FT	FULL DEPTH PAVEMENT SAWING	
24		237			261	253	01001	261	SY	PAVEMENT REPAIR, AS PER PLAN	P.3
			3,882	5,070	8,952	897	01011	8,952	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, AS PER PLAN, 2" DEPTH	P.3
1,531					1,531	897	02001	1,531	SY	PATCHING PLANED SURFACE, AS PER PLAN	P.3
			349	456	805	407	13901	805	GAL	TACKCOAT, 702.13 (RUBBERIZED TACK), AS PER PLAN	P.3
		28			28	407	20000	28	GAL	NON-TRACKING TACK COAT	
			216	282	498	441	50000	498	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
										WATER WORK	
5					5	638	10800	5	EACH	VALVE BOX ADJUSTED TO GRADE	
										TRAFFIC CONTROL	
			0.17	0.17	0.34	644	00300	0.34	MILE	CENTERLINE	
			300	268	568	644	00620	568	FT	CROSSWALK LINE, 12"	
			30	84	114	644	00500	114	FT	STOP LINE	
				333	333	644	01200	333	FT	PARKING LOT STALL MARKING	
										MAINTENANCE OF TRAFFIC	
	8				8	614	12460	8	EACH	WORK ZONE MARKING SIGN	
	0.34				0.34	614	21550	0.34	MILE	WORK ZONE CENTERLINE, CLASS III, 642 PAINT	
	114				114	614	26611	114	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT, AS PER PLAN	P.4
										INCIDENTALS	
					LS	614	11000	LS		MAINTAINING TRAFFIC	
					LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

buckleygroup
engineering + surveying

DESIGNER
BWJ

REVIEWER
CDK 06-04-2024

PROJECT ID
117096


SHEET TOTAL
P.5 8

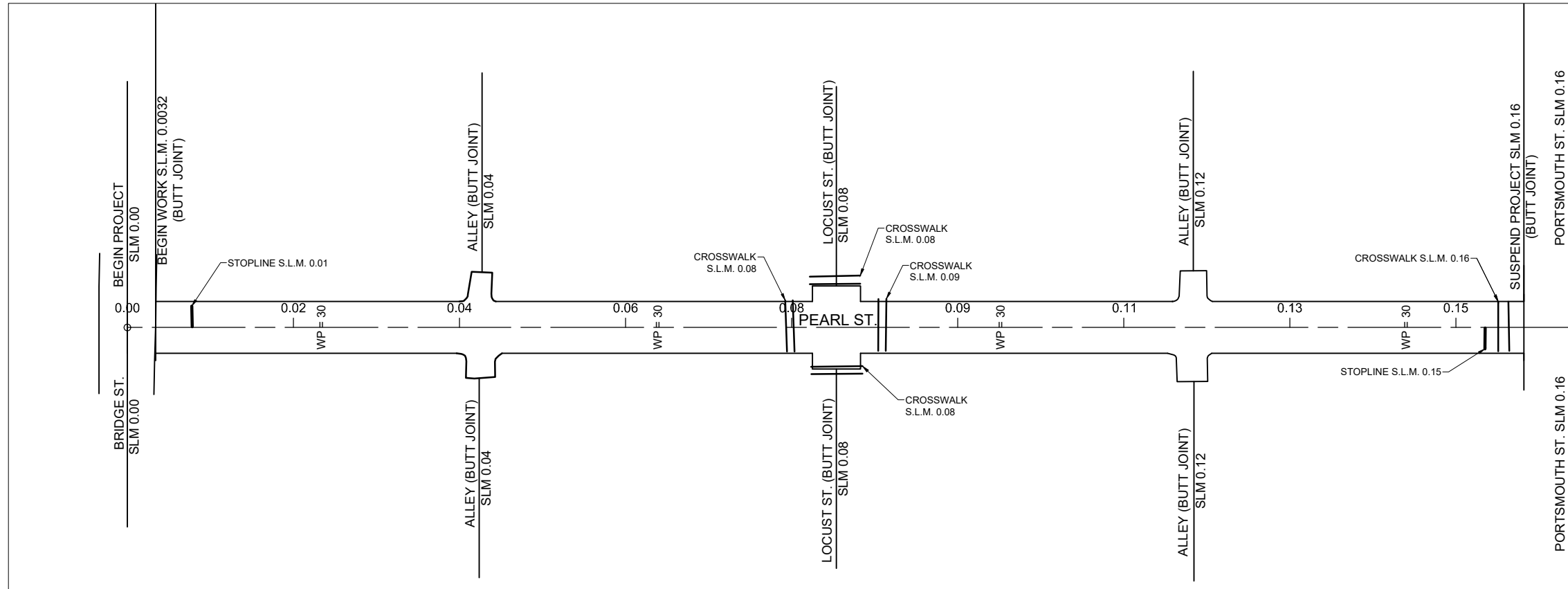
JAC-CR505-0.00

C:\Users\ckuen\SynologyDrive\Allocate\B\Allocate\2022 Projects\222050\AUTOCAD\JAC-CR505-0.00_rev.1.dwg 6/3/2024

REFERENCE SHEET	STREET NAME	S.L.M.	OFFSET (FT. FROM CENTERLINE)	FULL DEPTH REPAIR DATA					
				LENGTH	WIDTH OF PAVING (WP)	PAVEMENT AREA	252	253	407
							FULL DEPTH PAVEMENT SAWING	PAVEMENT REPAIR, AS PER PLAN	NON-TRACKING TACK COAT
				FT.	FT.	SQ. YD.	FT.	SQ. YD.	GAL.
P.8	PEARL ST.	0.17 - 0.18	1.4' R	54.00	12.00	72.00	132.00	72.00	8.64
P.8	PEARL ST.	0.26 - 0.27	1' R	47.00	14.00	73.11	122.00	73.11	8.77
P.8	PEARL ST.	0.32 - 0.33	16' L & 1' R	46.00	18.00	92.00	128.00	92.00	11.04
Part. 01/S5K/05							382.00	237.11	28.45
TOTAL CARRIED TO GENERAL SUMMARY:							382	237	28

PAVEMENT CALCULATIONS

DESIGN AGENCY

 buckleygroup
 engineering + surveying
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 REVIEWER
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 PROJECT ID
 17096
 SHEET TOTAL
 P.6 8



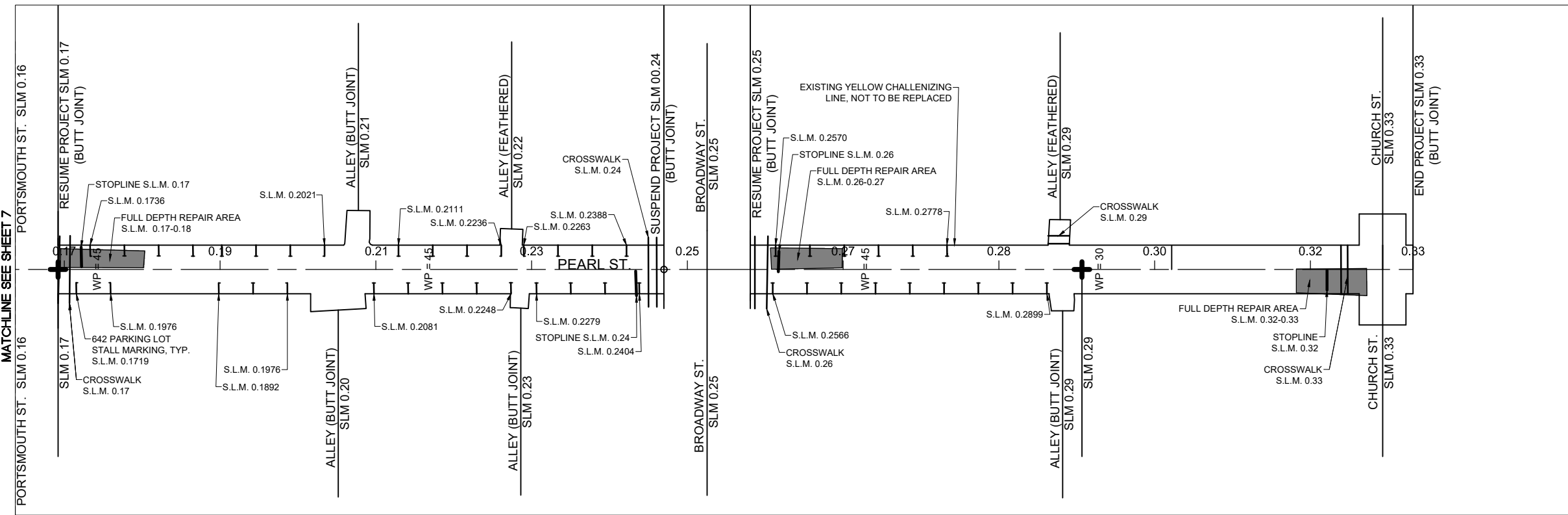
STREET NAME	S.L.M.	OFFSET (FT. FROM CENTERLINE)	MILL AND FILL DATA				PAVEMENT MARKINGS					
			LENGTH	WIDTH OF PAVING (WP)	TYPICAL	PAVEMENT AREA	897	407	441	644	644	644
			FT.	FT.		SQ. YD.	SQ. YD.	GAL.	CU. YD.	MILE	FT	FT.
PEARL ST.	0.00 - 0.04	EXTG. PVMT	196.00	30	1	653.33	653.33	58.80	36.30	0.037		30
ALLEY	0.04	EXTG. PVMT	17.50	13	1	244.66	244.66	22.02	13.59	0.003		
ALLEY	0.04	EXTG. PVMT	15.00	17.5	1	268.18	268.18	24.14	14.90	0.003		
PEARL ST.	0.04 - 0.08	EXTG. PVMT	214.00	30	1	713.33	713.33	64.20	39.63	0.041	180	
PEARL ST.	0.08 - 0.12	EXTG. PVMT	214.00	30	1	713.33	713.33	64.20	39.63	0.041	60	
ALLEY	0.12	EXTG. PVMT	18.00	16	1	310.32	310.32	27.93	17.24	0.003		
ALLEY	0.12	EXTG. PVMT	18.50	17	1	312.48	312.48	28.12	17.36	0.004		
PEARL ST.	0.12 - 0.16	EXTG. PVMT	200.00	30	1	666.67	666.67	60.00	37.04	0.038	60	
Part. 01/S5K/05							3882	349	216	0.17	300	30
TOTAL CARRIED TO GENERAL SUMMARY:							3882	349	216	0.17	300	30

PAVEMENT DIAGRAM AND SUBSUMMARY

PEARL ST. S.L.M. 0+0.00 - 0+0.16

DESIGN AGENCY


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 SHEET TOTAL
 P.7 8



STREET NAME	S.L.M.	OFFSET (FT. FROM CENTERLINE)	MILL AND FILL DATA						PAVEMENT MARKINGS				
			LENGTH	WIDTH OF PAVING (WP)	TYPICAL	PAVEMENT AREA	897 PAVEMENT PLANING ASPHALT CONCRETE	407 TACK COAT 702.13, AS PER PLAN	441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	644 CENTER LINE	644 CROSSWALK LINE	644 STOP LINE	644 PARKING LOT STALL MARKING
			FT.	FT.		SQ. YD.	SQ. YD.	GAL.	CU. YD.	MILE		FT.	
PEARL ST.	0.17 - 0.20	EXTG. PVMT	182.00	45	1	910.00	910.00	81.90	50.56	0.034	90	23	117
ALLEY	0.20	EXTG. PVMT	10.50	35	1	369.12	369.12	33.22	20.51	0.002			
ALLEY	0.21	EXTG. PVMT	22.00	15	1	344.77	344.77	31.03	19.15	0.004			
ALLEY	0.22	EXTG. PVMT	10.50	14.5	1	150.36	150.36	13.53	8.35	0.002			
ALLEY	0.23	EXTG. PVMT	10.00	12	1	109.13	109.13	9.82	6.06	0.002			
PEARL ST.	0.20 - 0.24	EXTG. PVMT	209.00	45	1	1045.00	1045.00	94.05	58.06	0.040		23	81
PEARL ST.	0.25 - 0.29	EXTG. PVMT	200.50	45	1	1002.50	1002.50	90.23	55.69	0.038	90	23	135
ALLEY	0.29	EXTG. PVMT	13.50	16	1	220.38	220.38	19.83	12.24	0.003	28		
ALLEY	0.29	EXTG. PVMT	15.50	11	1	168.62	168.62	15.18	9.37	0.003			
PEARL ST.	0.29 - 0.33	EXTG. PVMT	225.00	30	1	750.00	750.00	67.50	41.67	0.043	60	15	
Part. 01/S5K/05							5070	456	282	0.17	268	84	333
TOTAL CARRIED TO GENERAL SUMMARY:							5070	456	282	0.17	268	84	333

PAVEMENT DIAGRAM AND SUBSUMMARY

PEARL ST. S.L.M. 0+0.16 - 0+0.33

DESIGN AGENCY

 buckleygroup
 engineering/surveying
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 REVIEWER
 CDK 06-04-2024
 PROJECT ID
 177096
 SHEET
 P.8 TOTAL
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