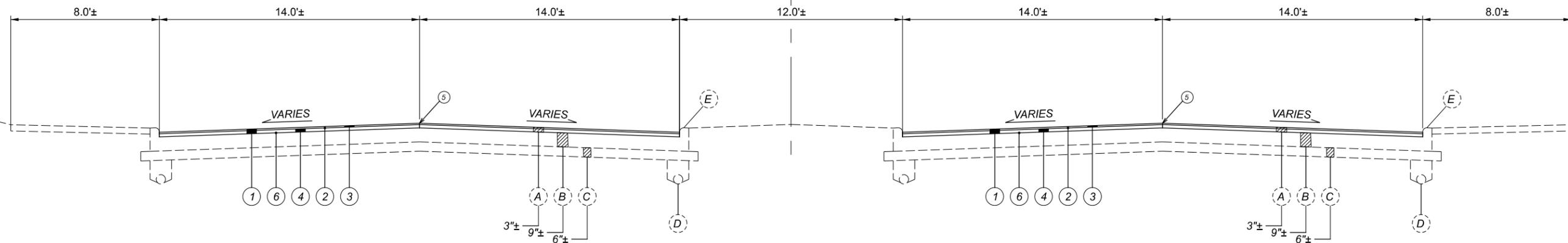


NORMAL SECTION "A" - SR 12 / US 23

STATIONS APPLY:
 Sta. 278+12.71 TO Sta. 00+00.00 = 121.29 FT.
 Sta. 0+00.00 TO Sta. 15+21.32 = 1521.32 FT.
 Sta. 630+96.00 TO Sta. 634+10.79 = 314.79 FT.
 1957.40 FT.

CONSTRUCTION U.S. 23 / S.R. 12



NORMAL SECTION "B" - US 23 / SR 12

STATIONS APPLY:
 Sta. 15+21.32 TO Sta. 32+84.94 = 1763.62 FT.
 Sta. 33+17.72 TO Sta. 33+49.42 = 31.70 FT.
 Sta. 33+98.00 TO Sta. 34+32.45 = 34.45 FT.
 Sta. 34+65.40 TO Sta. 35+14.31 = 48.91 FT.
 1878.68 FT.

PROPOSED LEGEND

- ① ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN, 3 1/2"
- ② ITEM 407 - NON-TRACKING TACK COAT
- ③ ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM TYPE A, (448) PG88-22M, AS PER PLAN
- ④ ITEM 442 - 2" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448), PG88-22M, AS PER PLAN
- ⑤ ITEM 875 - LONGITUDINAL JOINT ADHESIVE (AT COLD JOINTS)
- ⑥ ITEM 407 - TACK COAT PER CMS 407.06

EXISTING LEGEND

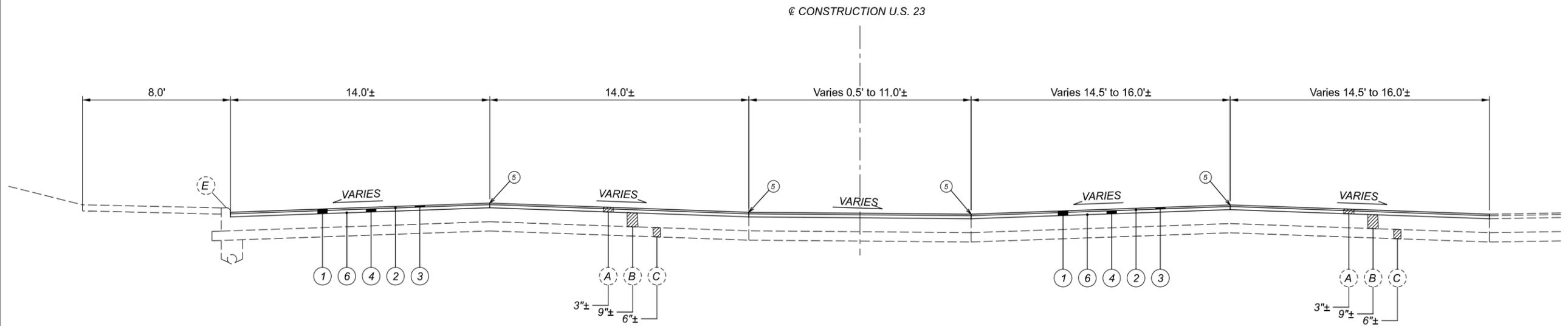
- Ⓐ EXISTING ASPHALT (thickness as shown)
- Ⓑ EXISTING CONCRETE BASE (thickness as shown)
- Ⓒ EXISTING SUBBASE (thickness as shown)
- Ⓓ EXISTING UNDERDRAIN
- Ⓔ EXISTING CONCRETE CURB

TYPICAL SECTIONS

DESIGN AGENCY

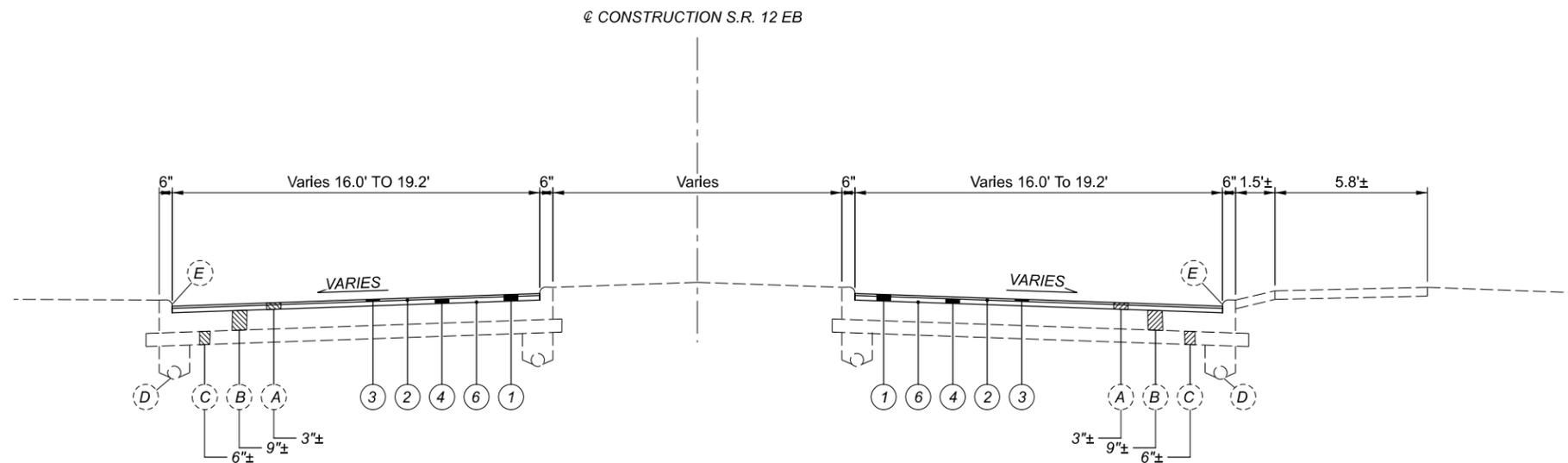


DESIGNER
JWI
 REVIEWER
DAR 12-9-22
 PROJECT ID
110192
 SHEET TOTAL
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NORMAL SECTION "C" - US 23

STATIONS APPLY:
 Sta. 32+84.94 TO Sta. 33+17.72 = 32.78 FT.
 Sta. 33+49.42 TO Sta. 33+98.00 = 48.58 FT.
 Sta. 34+32.45 TO Sta. 34+65.40 = 32.95 FT.
 Sta. 35+14.31 TO Sta. 35+89.67 = 75.36 FT.
 189.67 FT.



NORMAL SECTION "D" - SR 12 EB

STATIONS APPLY:
 Sta. 2001+59.78 TO Sta. 2002+59.30 = 99.52 FT.
 99.52 FT.

PROPOSED LEGEND

- ① ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN, 3.5"
- ② ITEM 407 - NON-TRACKING TACK COAT
- ③ ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM TYPE A, (448) PG88-22M, AS PER PLAN
- ④ ITEM 442 - 2" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448), PG88-22M, AS PER PLAN
- ⑤ ITEM 875 - LONGITUDINAL JOINT ADHESIVE (AT COLD JOINTS)
- ⑥ ITEM 407 - TACK COAT PER CMS 407.06

EXISTING LEGEND

- Ⓐ EXISTING ASPHALT (thickness as shown)
- Ⓑ EXISTING AGGREGATE BASE (thickness as shown)
- Ⓒ EXISTING SUBBASE (thickness as shown)
- Ⓓ EXISTING UNDERDRAIN
- Ⓔ EXISTING CONCRETE CURB

DESIGN AGENCY



DESIGNER

JWI

REVIEWER

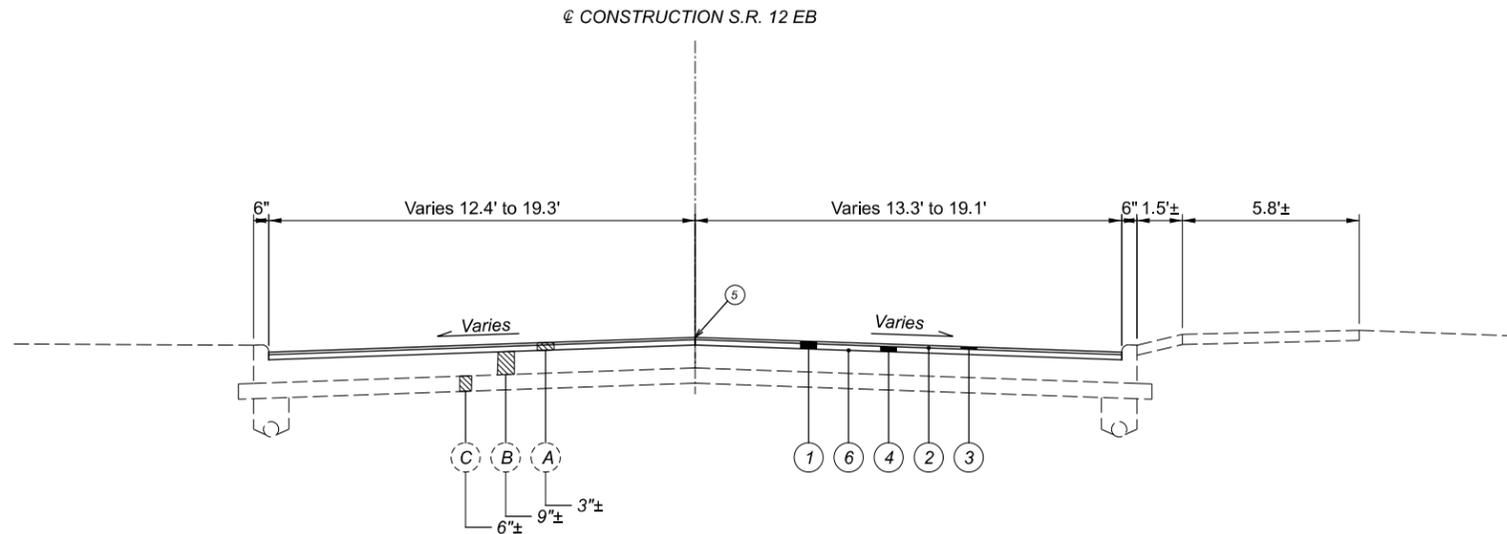
DAR 12-16-22

PROJECT ID

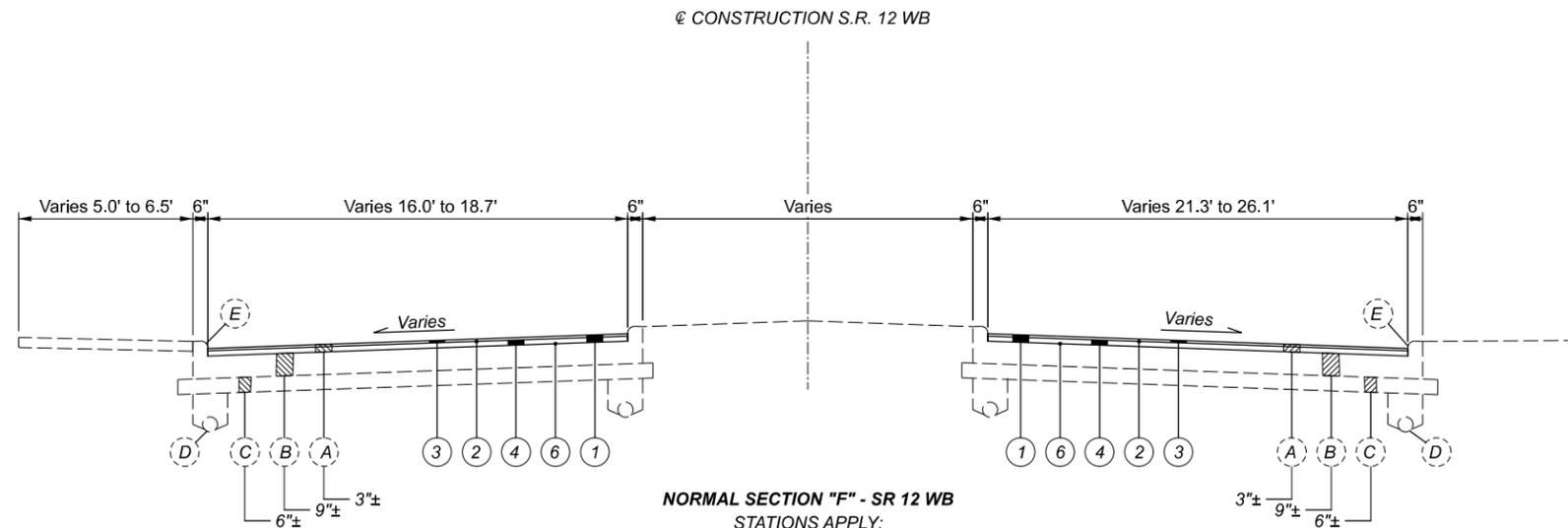
110192

SHEET TOTAL

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NORMAL SECTION "E" - SR 12 EB
 STATIONS APPLY:
 Sta. 2002+59.30 TO Sta. 2004+79.79 = 220.49 FT.
 220.49 FT.



NORMAL SECTION "F" - SR 12 WB
 STATIONS APPLY:
 Sta. 1000+39.53 TO Sta. 1000+99.91 = 60.38 FT.
 60.38 FT.

PROPOSED LEGEND

- ① ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN, 3.5"
- ② ITEM 407 - NON-TRACKING TACK COAT
- ③ ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM TYPE A, (448) PG88-22M, AS PER PLAN
- ④ ITEM 442 - 2" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448), PG88-22M, AS PER PLAN
- ⑤ ITEM 875 - LONGITUDINAL JOINT ADHESIVE (AT COLD JOINTS)
- ⑥ ITEM 407 - TACK COAT PER CMS 407.06

EXISTING LEGEND

- Ⓐ EXISTING ASPHALT (thickness as shown)
- Ⓑ EXISTING AGGREGATE BASE (thickness as shown)
- Ⓒ EXISTING SUBBASE (thickness as shown)
- Ⓓ EXISTING UNDERDRAIN
- Ⓔ EXISTING CONCRETE CURB

DESIGN AGENCY



DESIGNER

JWI

REVIEWER

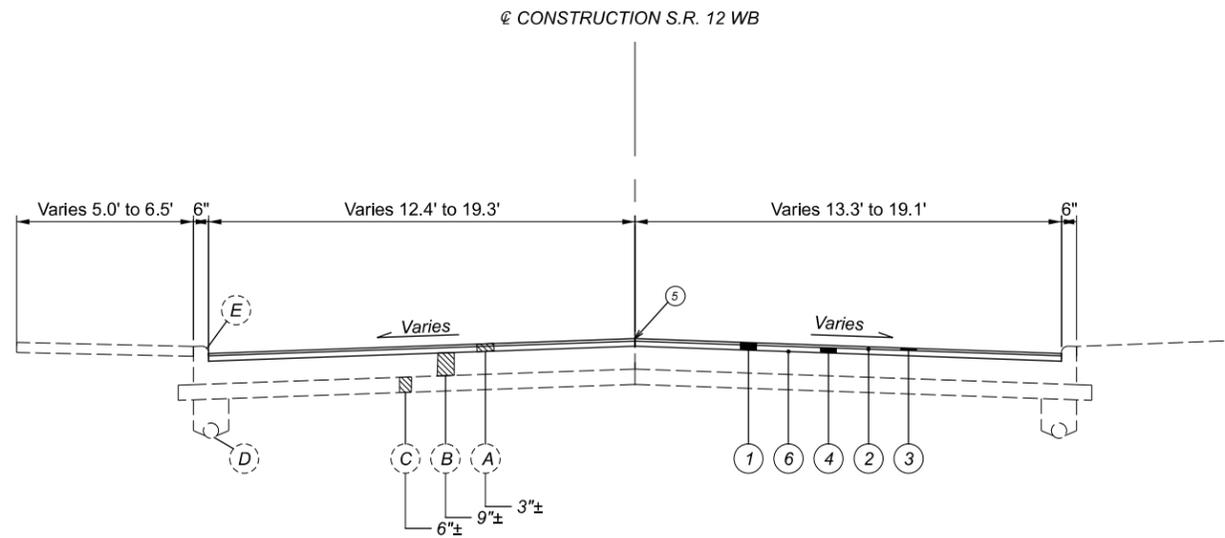
DAR 12-13-22

PROJECT ID

110192

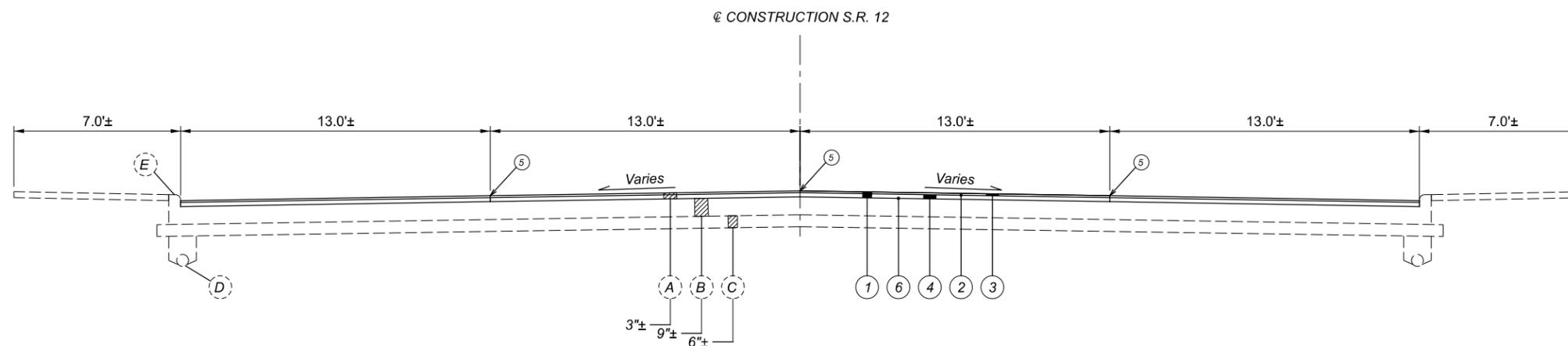
SHEET TOTAL

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NORMAL SECTION "G" - SR 12 WB

STATIONS APPLY:
 Sta. 1000+99.91 TO Sta. 1003+74.42 = 274.51 FT.
 274.51 FT.



NORMAL SECTION "H" - SR 12

STATIONS APPLY:
 Sta. 1003+74.42 TO Sta. 1005+77.98 = 203.56 FT.
 203.56 FT.

PROPOSED LEGEND

- ① ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN, 3.5"
- ② ITEM 407 - NON-TRACKING TACK COAT
- ③ ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM TYPE A, (448) PG88-22M, AS PER PLAN
- ④ ITEM 442 - 2" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448), PG88-22M, AS PER PLAN
- ⑤ ITEM 875 - LONGITUDINAL JOINT ADHESIVE (AT COLD JOINTS)
- ⑥ ITEM 407 - TACK COAT PER CMS 407.06

EXISTING LEGEND

- Ⓐ EXISTING ASPHALT (thickness as shown)
- Ⓑ EXISTING CONCRETE BASE (thickness as shown)
- Ⓒ EXISTING SUBBASE (thickness as shown)
- Ⓓ EXISTING UNDERDRAIN
- Ⓔ EXISTING CONCRETE CURB



UTILITIES

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

AMERICAN ELECTRIC POWER BASCOM COMMUNICATIONS INC.
2622 S.R. 100 5990 W. TIFFIN ST.
TIFFIN, OH 44883 BASCOM, OH 44809
(419) 209-5583 (419) 937-2222

CHARTER COMMUNICATIONS CITY OF FOSTORIA
3760 INTERCHANGE DR. WATER AND SEWER
COLUMBUS, OH 43204 213 S. MAIN ST.
(614) 255-6340 FOSTORIA, OH 44830
(419) 435-2486

COLUMBIA GAS OF OHIO
2901 E. MANHATTAN BLVD.
TOLEDO, OH 43611
(419) 539-6066

SURVEYING PARAMETERS

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88 (ODOT VRS DERIVED)
GEOID: 12B

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE SOUTH
COMBINED SCALE FACTOR: 1.0000000
ORIGIN OF COORDINATE: 0,0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

ELEVATION DATUM

ALL ELEVATIONS ARE BASED ON NAVD 88 DATUM.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

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.

WINDOW CONTRACT TABLE

USE THE FOLLOWING TABLE AS REFERRED TO IN THE PROPOSAL

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
ALL WORK ON PROJECT	60	\$3,000 PER DAY	UPON RECEIPT OF SIGNED CONTRACT	10/31/23

MONUMENT BOX ASSEMBLIES

IF THE CONTRACTOR REMOVES OR DISTURBS ANY MONUMENT BOX ASSEMBLIES DURING CONSTRUCTION, THEN THEY WILL NEED TO HAVE A REGISTERED SURVEYOR CERTIFY THAT THE MONUMENTS HAVE BEEN RESET AT THE PRE-DISTURBED LOCATION AND PER THE OHIO ADMINISTRATIVE CODE CHAPTER 4733-37, "STANDARDS FOR BOUNDARY SURVEYS". THE CONTRACTOR IS TO FORWARD A COPY OF SAID CERTIFICATION TO THE PROJECT ENGINEER, AND THE DISTRICT SURVEY OPERATIONS MANAGER FOR REVIEW. (SEE EXAMPLE)

I, JOHN DOE, P.S. HEREBY CERTIFY THAT THE CENTERLINE MONUMENTATION HAS BEEN RESET AT THE PRECONSTRUCTION LOCATIONS DURING PROJECT HAN/SEN-12-5.27/0.00, PID 110192. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS "A MINIMUM STANDARD FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS OTHERWISE NOTED. THE WORDS I AND MY AS USED HEREIN ARE TO MEAN MYSELF OR SOMEONE UNDER MY DIRECT SUPERVISION.

ALL SURVEY MONUMENTS SET AND/OR RESET BY THE CONSTRUCTION CONTRACTOR'S SURVEYOR SHALL BE CONSTRUCTED ACCORDING TO STANDARD CONSTRUCTION DRAWING RM-1.1

THE CITY OF FOSTORIA ENGINEERS OFFICE WILL BE AVAILABLE, AND WILL HELP COORDINATE THE LAY OUT AND INSTALLATION OF THE MONUMENT BOX LOCATIONS.

PLEASE CONTACT CITY STREET MANAGER;
EMAIL: street@fostoriaohio.gov
PHONE: 419-435-4115

ITEM 255 - FULL DEPTH PAVMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1P

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED FOR FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT FOR SR 12 AND US 23 AS DIRECTED BY THE ENGINEER AND BASED ON VARYING WIDTHS ON BOTH SIDES OF THE ROAD.

SR 12 (HAN 5.27 - SEN 0.72)
US 23 (11.98- 12.34)
165 x 6' x 12' TRANSVERSE JOINTS = 11880 SQ. FT. = 1320 SY YD

DETAIL FOR CALCULATION PURPOSES ONLY. PLACEMENT IS AT THE CONSTRUCTION ENGINEERS DISCRETION. QUANTITY CARRIED TO THE GENERAL SUMMARY.

ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN

ITEM 202 WEARING COURSE REMOVED, AS PER PLAN SHALL INCLUDE THE REMOVAL OF THE ASPHALT COURSES AND UNIFORMLY SCARIFYING THE CONCRETE BASE SURFACE.

ITEM 255 - FULL DEPTH PAVEMENT SAWING

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED FOR FULL DEPTH PAVEMENT SAWING FOR SR 12 AND US 23 AS DIRECTED BY THE ENGINEER AND BASED ON VARYING WIDTHS ON BOTH SIDES OF THE ROAD.

SR 12 (HAN 5.27 - SEN 0.72)
US 23 (11.98- 12.34)
165 x 6' x 12' TRANSVERSE JOINTS = 5940 LF

ITEM 442, ASPHALT CONCRETE SURFACE COURSE, AS PER PLAN

ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), AS PER PLAN SHALL FOLLOW THE SPECIFICATIONS FOR THE 442 ITEM EXCEPT FOR SECTION 442.04 ASPHALT BINDER. THE BINDER SHALL BE PG 88-22M FOR THE SURFACE COURSE AND A MAXIMUM OF 10% OF RAP BY DRY WEIGHT OF MIX CAN BE USED. THE USE OF THE WARM MIX IS NOT PERMITTED FOR THIS MIXTURE.

ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE, AS PER PLAN

ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448), AS PER PLAN SHALL FOLLOW THE SPECIFICATIONS FOR THE 442 ITEM EXCEPT FOR SECTION 442.04 ASPHALT BINDER. THE BINDER SHALL BE PG 88-22M FOR THE INTERMEDIATE COURSE AND A MAXIMUM OF 10% OF RAP BY DRY WEIGHT OF MIX CAN BE USED. THE USE OF THE WARM MIX IS NOT PERMITTED FOR THIS MIXTURE.

ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE, AS PER PLAN AND ITEM 442 ASPHALT CONCRETE SURFACE COURSE, AS PER PLAN - ADDITIONAL REQUIREMENTS

DIGITAL DATA FOR MATERIAL TICKETING UTILIZING E-TICKETING PORTAL

THIS WORK CONSISTS OF PROVIDING DIGITAL DATA FOR PILOTING DIGITAL INFORMATION TRANSFER FOR MATERIAL WEIGHT TICKET INFORMATION FOR THE FOLLOWING:

PROVIDE ASPHALT CONCRETE MATERIAL TICKET INFORMATION IN A DIGITAL FORMAT DIRECTLY RECORDED FROM THE MATERIAL LOADING SOURCE.

THIS NOTE IN NO WAY SUPERSEDES ANY OTHER COMMERCIAL REGULATIONS OR ANY OTHER LEGAL REQUIREMENTS REGULATING THE TRANSPORTATION OF COMMERCIAL MATERIALS. THIS DOES NOT PRECLUDE OR DISMISS ANY REQUIREMENT FOR PAPER TICKETS REQUIRED BY OTHER RULES AND REGULATIONS.

REQUIREMENTS:
SEND DIGITAL TICKET INFORMATION TO THE DEPARTMENT'S DIGITAL TICKETING PORTAL AS THE INDIVIDUAL MATERIAL LOADS ARE GENERATED AND SHIPPED TO THE PROJECT. THE DIGITAL MATERIAL TICKET SHALL CONTAIN INFORMATION AS REQUIRED PER THE APPLICABLE MATERIAL SPECIFICATION FOR WEIGHT MEASUREMENT AND OTHER MATERIAL CHARACTERISTICS.

THE DEPARTMENT WILL REJECT ANY LOAD THAT DOES NOT HAVE A CORRESPONDING ETICKET UNLESS THE CAUSE IS BEYOND THE CONTRACTOR'S CONTROL. IN SUCH CIRCUMSTANCES, PAPER TICKETS MAY BE PERMITTED.

SETUP, CALIBRATION, AND DATA INTEGRATION:
SUPPLIERS SHALL COOPERATE WITH THE DEPARTMENT AND THE DEPARTMENT'S ETICKETING VENDOR TO ESTABLISH DIGITAL INFORMATION TRANSFER FROM THE SUPPLIERS TICKETING SYSTEM TO THE DEPARTMENT'S TICKETING PORTAL. NO EARLIER THAN 14 DAYS AFTER PROJECT EXECUTION BUT NOT LATER THAN 30 DAYS PRIOR TO INITIATING WORK, IDENTIFY IN WRITING THE MATERIAL SOURCE LOAD READ-OUT WEIGHING SYSTEM THE SUPPLIER UTILIZES.

THE MATERIAL SUPPLIER SHALL COOPERATE WITH ODOT'S ETICKETING PORTAL VENDOR IN THE CREATION OF AN APPLICATION PROGRAMMING INTERFACE (API) TO INTEGRATE MATERIAL SOURCE LOAD READ-OUT DATA WITH THE DEPARTMENT'S ETICKETING PORTAL. THE DEPARTMENT'S ETICKETING PORTAL VENDOR SHALL BE RESPONSIBLE FOR LEADING THE API CREATION. UPON API CREATION, UTILIZE THE API TO PROVIDE DIGITAL MATERIAL SOURCE LOAD READ-OUT DATA FROM THE MATERIAL SOURCE LOAD READ-OUT WEIGHING SYSTEM TO THE DEPARTMENT'S ETICKETING PORTAL.

CONDUCT A TEST OF EACH SUPPLIER'S INTEGRATION WITH THE DEPARTMENT'S ETICKETING PORTAL PRIOR TO SHIPPING MATERIAL TO THE PROJECT. COMPLETE TEST AT LEAST 14 DAYS PRIOR TO SHIPPING MATERIAL UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE TEST MUST INVOLVE AT LEAST FOUR TEST ETICKETS FROM EACH SUPPLIER APPROVED FOR USED ON THE PROJECT FOR MATERIALS TO BE USED ON THE PROJECT. THE TEST ETICKETS MUST ACCURATELY REFLECT THE PROPER NOMENCLATURE AND ACCURACY DEFINED; ALL OTHER CATEGORIES SHALL BE MARKED "TEST". AFTER THE ENGINEER CONFIRMS THE TEST ETICKETS HAVE BEEN ENTERED INTO THE DEPARTMENT'S ETICKET PORTAL, VOID THE TEST ETICKETS WITH THE REASON "SETUP TESTING". IF ANY LOAD READ-OUT WEIGHING SYSTEM CHANGES ARE INTENDED BY THE SUPPLIER AFTER THE CREATION OF THE SUPPLIER SPECIFIC API, COORDINATE WITH THE ODOT TO ENSURE API COMPATIBILITY.

ENSURE CONTINUED INTERNET CONNECTIVITY DURING THE API USAGE TO MAINTAIN CONNECTION THE DEPARTMENT'S ETICKETING PORTAL DURING MATERIAL PRODUCTION AND DELIVERY TO THE PROJECT. ENSURE DELIVERY OF ETICKET PRIOR TO THE MATERIAL ARRIVING ON THE PROJECT, BUT NOT PRIOR TO THE LOADING OF MATERIAL AT THE SOURCE.

UPON SUCCESSFUL TESTING OF THE DATA INTEGRATION, PHYSICAL MATERIAL TICKETS FOR THE DEPARTMENT WILL NOT BE REQUIRED.

PAYMENT:
FOR INITIAL SETUP OF THE API INTEGRATION, THE MATERIAL VENDORS SHALL ASSUME APPROXIMATELY 16 PERSON HOURS AND SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE MATERIAL. FOR EXTREME SITUATIONS INVOLVING EXCESSIVE ESTABLISHMENT OF THE API AND DIGITAL INFORMATION TRANSFER, NOTIFY THE ENGINEER PER CMS 104.02.

THE COST ASSOCIATED WITH CREATING AND MAINTAINING AN API AND PROVIDING DIGITAL TICKETING DATA IS INCIDENTAL TO THE COST OF THE ITEM UTILIZING THE MATERIAL BEING PLACED.

PAVEMENT MARKINGS

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

THE CITY OF FOSTORIA WILL BE RESPONSIBLE FOR RE-ESTABLISHING AND PAINTING DOWNTOWN PARKING SPACES.

PLEASE CONTACT CITY STREET DEPARTMENT;
EMAIL: STREET@FOSTORIAOHIO.GOV
PHONE: 419-435-4115

DESIGN AGENCY



DESIGNER
DAR

REVIEWER
JWI 08-25-22

PROJECT ID
110192

SHEET TOTAL
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ITEM 202 - WALK REMOVED AS PER PLAN

FOLLOW 202 SPECIFICATIONS FOR WALK REMOVAL. THE CONTRACTOR SHALL TAKE CARE WHEN REMOVING THE EXISTING PAVERS TO NOT DISTURB PAVERS THAT ARE TO REMAIN. SAW CUT PAVERS TO PROVIDE A CLEAN EDGE FOR THE ADJACENT NEW CONCRETE CURB RAMP.

SEEDING AND MULCHING

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

659, TOPSOIL	91 CU. YD.
659, SEEDING AND MULCHING	818 SQ. YD.
659, REPAIR SEEDING AND MULCHING	41 SQ. YD.
659, COMMERCIAL FERTILIZER	0.11 TON
659, LIME	0.17 ACRES
659, WATER	4 M. GAL.

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

ITEM 632 - DETECTOR LOOPS

THE FOLLOWING ESTIMATED QUANTITY WILL BE CARRIED TO THE GENERAL SUMMARY FOR REPLACEMENT OF LOOP DETECTORS THAT ARE LOCATED IN AREA OF THE PLAN IN REQUIRE PAVEMENT PLANNING:

SR 12 AND US 23 INTERSECTION

ITEM 632 DETECTOR LOOP	3 EACH
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THE ABOVE LISTED ITEMS SHALL BE USED AS DIRECTED BY THE ENGINEER, 30' IN LENGTH. THE CONTRACTOR SHALL CONTACT THE CITY OF FOSTORIA STREET DEPT. AT 419-435-4115, PRIOR TO INSTALLATION. THE CITY WILL DETERMINE BY WAY OF FIELD INSPECTION WITH THE CONTRACTOR, WHICH AND HOW MANY DETECTOR LOOPS HAVE BEEN DAMAGED AND NEED REPLACED. AT THAT TIME THE CITY WILL ALSO FIELD LOCATE THE PROPOSED DETECTOR LOOP PLACEMENTS WITH THE CONTRACTOR AND LOCATED THE NECESSARY PULLBOXES AND LEAD-IN CABLES. ALL THE NEW LOOP INSTALLATIONS SHALL TAKE PLACE AFTER ALL THE PAVEMENT GRINDINGS ARE COMPLETE AND THEY SHOULD BE INSTALLED INTO THE EXISTING MILLED SURFACE BELOW THE PROPOSED SURFACE APPLICATION.

DESIGN AGENCY



DESIGNER
DAR

REVIEWER
JWI 09-16-22

PROJECT ID
110192

SHEET	TOTAL
P.8	23

SHEET NUM.										PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
7	8	9	12	14	15	16	01/S5K/05	02/NHS/05									
ROADWAY																	
			28,521				5,225	23,296	202	23501	28,521	SY	WEARING COURSE REMOVED, AS PER PLAN, (3.5")	7			
						3,681	171	3,510	202	30000	3,681	SF	WALK REMOVED				
						87	87		202	30001	87	SF	WALK REMOVED, AS PER PLAN	8			
						487	48	439	202	32000	487	FT	CURB REMOVED				
						323	323		202	32500	323	FT	CURB AND GUTTER REMOVED				
						1,576	72	1,504	608	10000	1,576	SF	4" CONCRETE WALK				
						2,192	186	2,006	608	52000	2,192	SF	CURB RAMP				
						323	323		609	12000	323	FT	COMBINATION CURB AND GUTTER, TYPE 2				
						487	48	439	609	26000	487	FT	CURB, TYPE 6				
EROSION CONTROL																	
	91						9	82	659	00300	91	CY	TOPSOIL				
	818						80	738	659	10000	818	SY	SEEDING AND MULCHING				
	41						4	37	659	14000	41	SY	REPAIR SEEDING AND MULCHING				
	0.11						0.01	0.1	659	20000	0.11	TON	COMMERCIAL FERTILIZER				
	0.17						0.02	0.15	659	31000	0.17	ACRE	LIME				
	4							4	659	35000	4	MGAL	WATER				
							2,010	7,990	332	30000	10,000	EACH	EROSION CONTROL				
DRAINAGE																	
			43				8	35	611	98630	43	EACH	CATCH BASIN ADJUSTED TO GRADE				
			31				4	27	611	99654	31	EACH	MANHOLE ADJUSTED TO GRADE				
PAVEMENT																	
	5,940						52	5,888	252	01500	5,940	FT	FULL DEPTH PAVEMENT SAWING				
	1,320						124	1,196	255	10010	1,320	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1				
			2,424				44	1,380	407	10000	2,424	GAL	TACK COAT				
			1,569				287	1,282	407	20000	1,569	GAL	NON-TRACKING TACK COAT				
			1,189				218	971	442	20001	1,189	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG 88-22M (1.5")	7			
			1,585				290	1,295	442	20201	1,585	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448), AS PER PLAN, PG 88-22M (2")	7			
			3,037				473	2,564	875	10000	3,037	LB	LONGITUDINAL JOINT ADHESIVE				
WATER WORK																	
			4					4	638	10800	4	EACH	VALVE BOX ADJUSTED TO GRADE				
TRAFFIC SURVEILLANCE																	
	3							3	632	26500	3	EACH	DETECTOR LOOP				
TRAFFIC CONTROL																	
					121			121	630	03100	121	FT	GROUND MOUNTED SUPPORT, NO. 3 POST				
					102			102	630	80100	102	SF	SIGN, FLAT SHEET				
					102			102	630	81100	102	SF	SIGN ERECTED, FLAT SHEET				
			0.07					0.07	644	00104	0.07	MILE	EDGE LINE, 6", YELLOW				
			0.38					0.06	0.32	644	00300	0.38	MILE	CENTER LINE, DOUBLE SOLID			
			1.27					0.24	1.03	644	00204	1.27	MILE	LANE LINE, 6"			
			175					64	111	644	00500	175	FT	STOP LINE			
			136					136		644	01510	136	FT	DOTTED LINE, 6", WHITE			
			59					59		644	01510	59	FT	DOTTED LINE, 6", YELLOW			
			1,408					60	1,348	644	00630	1,408	FT	CROSSWALK LINE, 24"			
			359					359		644	00700	359	FT	TRANSVERSE/DIAGONAL LINE			
			28					8	20	644	01300	28	EACH	LANE ARROW			
			1,514					475	1,039	644	00400	1,514	FT	CHANNELIZING LINE, 8"			
			86					86		644	00720	86	FT	CHEVRON MARKING			
MAINTENANCE OF TRAFFIC																	
		15						6	9	614	12460	15	EACH	WORK ZONE MARKING SIGN			
		5						2	3	614	12500	5	EACH	REPLACEMENT SIGN			
		5						2	3	614	12600	5	EACH	REPLACEMENT DRUM			
		1.27						0.24	1.03	614	20010	1.27	MILE	WORK ZONE LANE LINE, CLASS I, 6"			
		1.27						0.24	1.03	614	20560	1.27	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT			
		0.38						0.06	0.32	614	21000	0.38	MILE	WORK ZONE CENTER LINE, CLASS I			
		0.38						0.06	0.32	614	21550	0.38	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT			

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
JWI

REVIEWER
DAR 2-15-23

PROJECT ID
110192

SHEET TOTAL
P.10 23