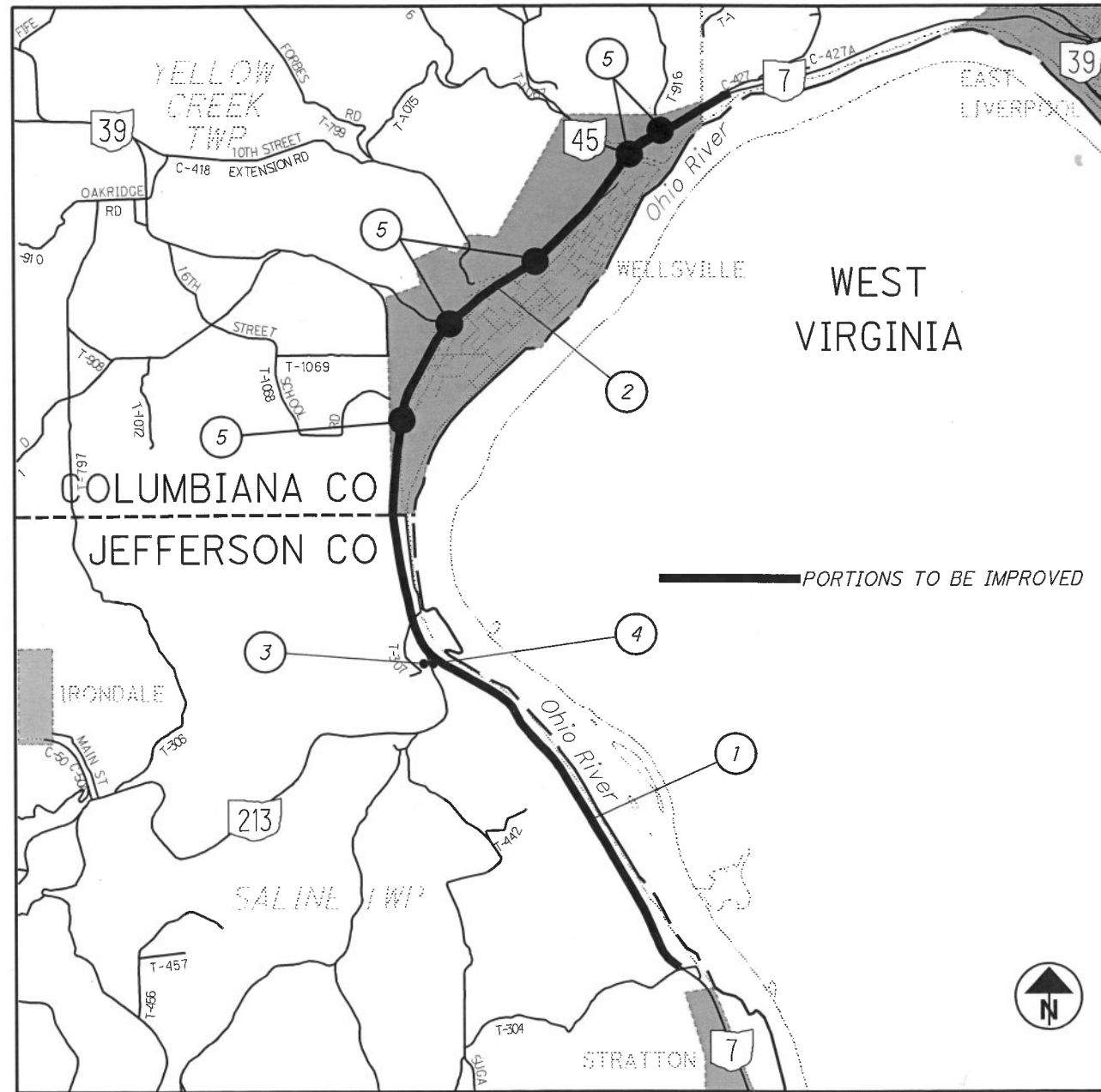


STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

JEF / COL - 7 - 31.13 / 0.00
442 4-LANE RESURFACING



LOCATION MAP

LATITUDE: N 40° 35' 00" LONGITUDE: W 80° 40' 15"

PART	COUNTY	ROUTE	SECTION	PROJECT TERMINI		NET LENGTH MILES	VILLAGE / CITY
				BEGIN	END		
1	JEF	S.R. 7	31.13	31.13	34.55	3.42	
2	COL	S.R. 7	0.00	0.00	3.56	3.56	VILLAGE OF WELLSVILLE
3	JEF	S.R. 213 PARK & RIDE	-	-	-	-	
4	JEF	S.R. 7/S.R. 213 REST AREA	-	-	-	-	

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

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 THESE IMPROVEMENTS WILL NOT REQUIRE THE CLOSING OF THE HIGHWAYS TO TRAFFIC AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED DATE 1-31-2020

Thomas D. Coey
DISTRICT DEPUTY DIRECTOR

APPROVED DATE _____

DIRECTOR, DEPARTMENT OF TRANSPORTATION

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UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig

OHIO811.org
Before You Dig

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

STANDARD CONSTRUCTION DRAWINGS							
BP-2.1	7/17/15	RM-4.2	10/24/19	MT-98.20	4/19/19	TC-21.50	7/15/16
BP-2.2	7/18/08	RM-4.3	7/18/14	MT-98.22	1/20/17	TC-41.20	10/18/13
BP-2.5	7/19/13	RM-4.4	7/19/19	MT-98.28	1/20/17	TC-42.20	10/18/13
BP-3.1	10/18/19	RM-4.6	7/19/13	MT-99.20	4/19/19	TC-52.10	10/18/13
BP-7.1	7/20/18	RM-6.1	7/18/14	MT-101.70	7/20/18	TC-52.20	7/20/18
BP-9.1	1/18/19			MT-101.75	7/15/16	TC-65.10	1/17/14
		HL-10.15	7/17/15	MT-101.80	1/16/15	TC-65.11	7/21/17
I-2.1	1/15/16			MT-101.90	7/21/17	TC-71.10	1/19/18
		MT-95.30	7/19/19	MT-103.10	1/19/18	TC-72.20	7/20/18
DM-1.1	7/21/17	MT-95.40	1/20/17	MT-104.10	10/16/15	TC-73.20	7/21/17
DM-4.3	1/15/16	MT-95.45	4/19/19	MT-105.10	7/19/13		
DM-4.4	1/15/16	MT-95.50	7/21/17				
		MT-98.10	1/20/17	TC-7.65	7/20/18		
RM-3.1	7/20/18	MT-98.11	4/19/19	TC-21.10	7/19/19		

SUPPLEMENTAL SPECIFICATIONS	
800-2019	10/18/19
808	1/18/19
821	4/20/12
832	10/19/18
846	4/17/15
902	7/19/19
908	10/20/17
921	4/20/12
SPECIAL PROVISIONS	

ENGINEER'S SEAL:

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
DAVID A. HOFFMAN
E-79007

SIGNED: *David A. Hoffman*
DATE: 2-3-2020

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FEDERAL PROJECT NO.
E150(687)

FID NO.
81722

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

JEF / COL - 7 - 31.13 / 0.00

1
53

MAINTAINING TRAFFIC, AS PER PLAN

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF CMS ITEM 614, THESE MAINTENANCE OF TRAFFIC NOTES AND DETAILS, THE STANDARD CONSTRUCTION DRAWINGS, AND THE TRAFFIC CONTROL DETAILS DESCRIBED IN THESE PLANS.

THE MINIMUM LANE WIDTH FOR TRAFFIC CONTROL SHALL BE 11 FEET AT ALL TIMES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ORGANIZE HIS WORK IN SUCH A MANNER TO PROVIDE THE MOST SAFETY WITH THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC.

THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE MAINTENANCE OF TRAFFIC SCHEME. THE CONTRACTOR SHALL SUBMIT, IN WRITING, THIS MAINTENANCE OF TRAFFIC SCHEME AND A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL BEFORE WORK IS STARTED ON THE PROJECT.

ANY OPEN PAVEMENT TRENCH OR DROPOFF SHALL BE ADEQUATELY MAINTAINED AND PROTECTED. THE PROTECTION USED SHALL MEET THE REQUIREMENTS OF STD DWG MT-101.90.

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE WORK ZONES WHICH ALTERNATELY CLOSE BOTH THE PASSING AND TRAVEL LANE UNLESS THE DISTANCE BETWEEN THE LANE RESTRICTIONS EXCEEDS 2 MILES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SMOOTH AND ORDERLY FLOW OF TRAFFIC THROUGH THE PROJECT AREA 24 HOURS PER DAY FOR THE DURATION OF THE PROJECT. THIS CONSISTS OF NOTIFYING THE OHIO STATE PATROL AFTER ENCOUNTERING ANY ACCIDENTS OR DISABLED VEHICLES OR OBJECTS HINDERING THE FLOW OF TRAFFIC.

THE CONTRACTOR SHALL DESIGNATE TO THE ENGINEER A PERSON RESPONSIBLE FOR MAINTENANCE OF TRAFFIC CONTROL DURING NON-WORK HOURS WHO SHALL BE AVAILABLE WITHIN (30) MINUTES AFTER NOTIFICATION.

PAYMENT FOR PROVIDING WATCHMEN, FURNISHING, ERECTING, MAINTAINING AND REMOVING SIGNS, CONES, MARKERS, SPECIAL LIGHTING, FLOODLIGHTING, WORK ZONE PAVEMENT MARKINGS, WORK ZONE RAISED PAVEMENT MARKERS, ETC., SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN.

THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL ADDITIONAL SIGNS OR OTHER TRAFFIC CONTROL DEVICES AS REQUIRED ABOVE. ALL COSTS INVOLVED IN FURNISHING, INSTALLING AND MAINTAINING THESE DEVICES SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN.

UNLESS THE ENGINEER DEEMS IT PHYSICALLY IMPOSSIBLE, ALL CONSTRUCTION EQUIPMENT SHALL EXIT ALL WORK ZONES FROM THE DOWNSTREAM END OF THE WORK ZONE OR BY INTERCHANGE RAMPS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO DIRECTLY TRANSPORT OR OPERATE ANY EQUIPMENT ACROSS THE OPEN LANES OF THE ROADWAY.

(CONTINUED...)

MAINTAINING TRAFFIC, AS PER PLAN (CONTINUED...)

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 RESTRICTIONS SHALL ALSO APPLY TO WORK ON THE RAMPS.

THE PLANING AND RESURFACING WILL PROCEED CONTINUOUSLY A MINIMUM OF FIVE (5) DAYS PER WEEK, WEATHER PERMITTING, EXCEPTING HOLIDAYS AND EVENTS LISTED BELOW:

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

MEMORIAL DAY	FOURTH OF JULY
LABOR DAY	THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPENED 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 THE WEEK	TIME ALL LANES MUST BE OPENED TO TRAFFIC
SUNDAY	12:00N FRI THRU 6:00 AM MON
MONDAY	12:00N FRI THRU 6:00 AM TUE
TUESDAY	12:00N MON THRU 6:00 AM WED
WEDNESDAY	12:00N TUE THRU 6:00 AM THU
THURSDAY	12:00N WED THRU 6:00 AM FRI
(THANKSGIVING ONLY) FRIDAY	6:00 AM WED THRU 6:00 AM MON
FRIDAY	12:00N THU THRU 6:00 AM MON
SATURDAY	12:00N FRI THRU 6:00 AM MON

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$4,200 FOR EACH HOUR THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

PEDESTRIAN WALKWAYS CONSTRUCTED BY THE CONTRACTOR SHALL BE KEPT FREE OF ANY OBSTRUCTIONS OR HAZARDS INCLUDING HOLES, DEBRIS AND MUD. OTHER WALKWAYS DAMAGED OR DIRTIED BY THE CONTRACTOR SHALL BE IMMEDIATELY REPAIRED OR CLEANED. THE CONTRACTOR MUST TAKE PRECAUTIONS TO PROTECT PEDESTRIANS FROM EXPOSURE TO HAZARDS RESULTING FROM THE CONSTRUCTION OPERATION BY INSTALLING CONSTRUCTION FENCE AND SIGNING.

TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE HAS BEEN PROVIDED HEREIN AS A TRAFFIC CONTROL DEVICE TO DIVERT AND GUIDE PEDESTRIANS WHOSE PATH WOULD OTHERWISE ENTER THE WORK AREA. THE TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE SHALL BE PLACED AROUND THE SIDEWALK WORK AREAS. SIDEWALK CLOSED SIGN (R9-9 (30 X 18)) MOUNTED ON A TYPE 3 BARRICADE WITH TYPE A FLASHING LIGHTS SHALL BE PLACED OUTSIDE THE FENCE ON EACH SIDEWALK APPROACH AS SHOWN ON SCD MT-101.60.

(CONTINUED...)

MAINTAINING TRAFFIC, AS PER PLAN (CONTINUED...)

FOR REPAIR OR RECONSTRUCTION WORK INVOLVING SIDEWALKS ON BOTH SIDES OF THE STREET, THE WORK SHALL BE STAGED SO THAT ONE SIDE IS COMPLETED AND OPEN TO PEDESTRIAN TRAFFIC BEFORE THE OTHER IS DISRUPTED.

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.

WHEN RAISED PAVEMENT MARKERS ARE TO BE INSTALLED, THE REQUIRED LANE CLOSURE SHALL REMAIN IN EFFECT UNTIL THE EPOXY IS DRY AND ALL FOREIGN MATTER OR DEBRIS CREATED BY THE INSTALLATION OF THE RPM CASTING IS REMOVED FROM THE ROADWAY.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 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, AS PER PLAN, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

SEQUENCE OF CONSTRUCTION

PHASE 1 - MEDIAN SIDE WORK

1. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OPERATIONS CLOSE THE MEDIAN SIDE LANE OF TRAFFIC AND PLACE PORTABLE BARRIER PER MT-95.40
2. REMOVE OVERHEAD TRUSS SIGN SUPPORT
3. REMOVE EXISTING MEDIAN BARRIER AND MEDIAN DRAINAGE STRUCTURES
4. CONSTRUCT PROPOSED MEDIAN CONCRETE BARRIER.
5. REMOUNT OVERHEAD TRUSS SIGN SUPPORT.

6. REMOVE PORTABLE BARRIER AND PLACE DRUMS PER MT-95.30

7. PERFORM FULL DEPTH AND PARTIAL DEPTH REPAIRS IN COORDINATION WITH MILLING THE MEDIAN SIDE PASSING LANE AND MEDIAN SHOULDER.

8. RESURFACE MEDIAN AND MEDIAN SIDE PASSING LANE

PHASE 2 - OUTSIDE WORK

1. PLACE DRUMS PER MT-95.30

2. PERFORM FULL DEPTH AND PARTIAL DEPTH REPAIRS IN COORDINATION WITH MILLING THE OUTSIDE LANE AND OUTSIDE SHOULDER.

3. RESURFACE DRIVING LANES, OUTSIDE SHOULDER AND RAMPS.

NOTIFICATION OF WORK ZONE LANE RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (Hauling.Permits@dot.ohio.gov) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

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

NOTIFICATION TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 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 NOTIFICATION TIME TABLE.

EXISTING RUMBLE STRIPS

IF THE CONTRACTOR CHOOSES TO MOVE TRAFFIC ONTO THE OUTSIDE SHOULDER TO MAINTAIN TWO LANES OF TRAVEL, THE EXISTING RUMBLE STRIPS WILL HAVE TO BE REMOVED. THE AREA OF THE EXISTING RUMBLE STRIPS SHALL BE MILLED TO A DEPTH OF AT LEAST 2 INCHES; THE MILLED SURFACE AND THE SIDES SHALL BE COVERED WITH ODOT APPROVED AC LIQUID AND THEN FILLED WITH ASPHALT. PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A SHALL BE USED TO FILL THE RUMBLE STRIPS. PAYMENT FOR ALL WORK ASSOCIATED WITH MILLING, AC LIQUID, TRAFFIC CONTROL AND THE FILLING OF THE RUMBLE STRIPS SHALL BE CONSIDERED INCIDENTAL TO AND INCLUDED WITH ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN.

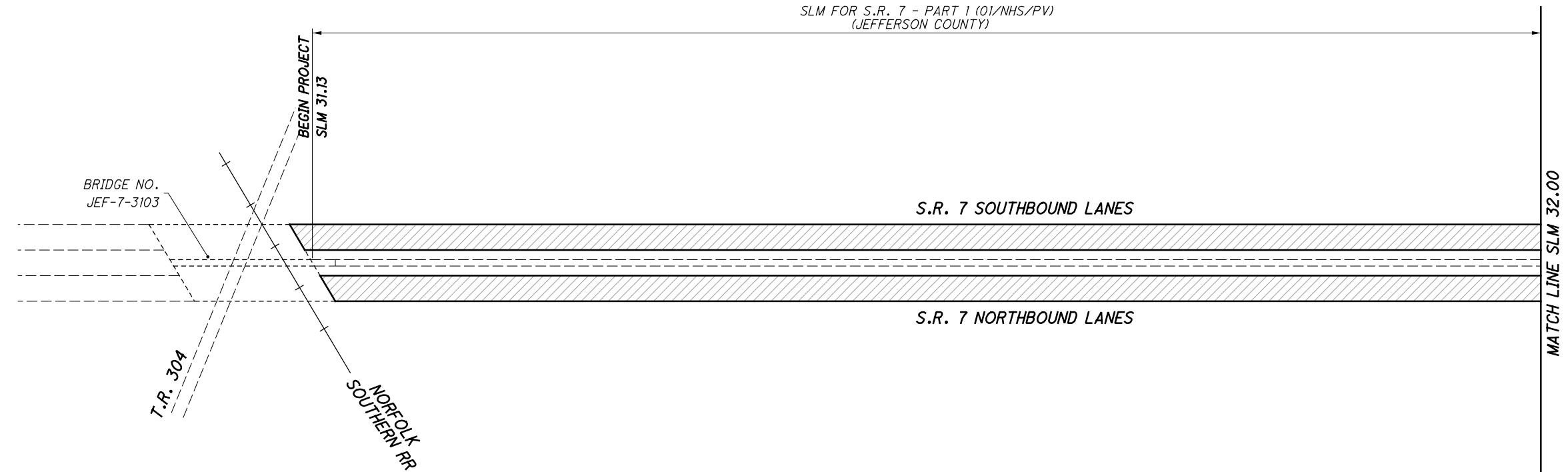
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SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
2	3		10		26		39			01/ NHS/PV	02/ NFA/PV	03/ NFA/PV						
ROADWAY																		
LS										LS	LS	LS	201	11000	LS		CLEARING AND GRUBBING	
					810					810			202	23010	810	SY	PAVEMENT REMOVED, ASPHALT	
							366			195		171	202	30000	366	SF	WALK REMOVED	
					14,551					14,551			202	30700	14,551	FT	CONCRETE BARRIER REMOVED	
							112			63		49	202	32000	112	FT	CURB REMOVED	
					312					312			202	35100	312	FT	PIPE REMOVED, 24" AND UNDER	
24											24		SPECIAL	20252990	24	EACH	PARKING BLOCK REMOVED	3
					24					24			202	58200	24	EACH	INLET REMOVED	
1,550										1,550			SPECIAL	20270110	1,550	FT	PIPE CLEANOUT, 24" AND UNDER	3
210										210			SPECIAL	20270120	210	FT	PIPE CLEANOUT, 27" TO 48"	3
					15.63					15.53	0.1		209	60500	15.63	MILE	LINEAR GRADING	
950										950			519	11100	950	SF	PATCHING CONCRETE STRUCTURE	
					1					1			606	60012	1	EACH	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	
275										125		150	607	98000	275	FT	FENCE, MISC.: TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE	3
							405			193		212	608	52000	405	SF	CURB RAMP	
					1,015					1,008	7		617	10100	1,015	CY	COMPACTED AGGREGATE	
					100,843					100,843			618	40100	100,843	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
					13,266					13,266			622	10100	13,266	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE B1	
					8					8			622	10200	8	EACH	BARRIER TRANSITION	
					1					1			622	24850	1	EACH	CONCRETE BARRIER END SECTION, TYPE B1	
					67					67			622	25007	67	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (A)	34
					1					1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (B)	34
					1					1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (C)	34
					1					1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (D)	35
					1					1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (E)	35
					1					1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (F)	36
					1					1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (G)	36
					612					612			626	00102	612	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
24											24		SPECIAL	69050500	24	EACH	CONCRETE PARKING BLOCK	3
EROSION CONTROL																		
							21			15		6	659	98000	21	SY	SEEDING, MISC.: CURB RAMP GRADING RESTORATION	39
										800	100	100	832	30000	1,000	EACH	EROSION CONTROL	
DRAINAGE																		
					216					216			611	00510	216	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
					208					208			611	04400	208	FT	12" CONDUIT, TYPE B	
					16					16			611	05900	16	FT	15" CONDUIT, TYPE B	
					24					24			611	07400	24	FT	18" CONDUIT, TYPE B	
					64					64			611	08900	64	FT	21" CONDUIT, TYPE B	
					23					23			611	99100	23	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1	
					1					1			611	99101	1	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1, AS PER PLAN	35

GENERAL SUMMARY

JEF / COL-7 -31.13 / 0.00




SLM FOR S.R. 7 - PART 1 (01/NHS/PV)
(JEFFERSON COUNTY)

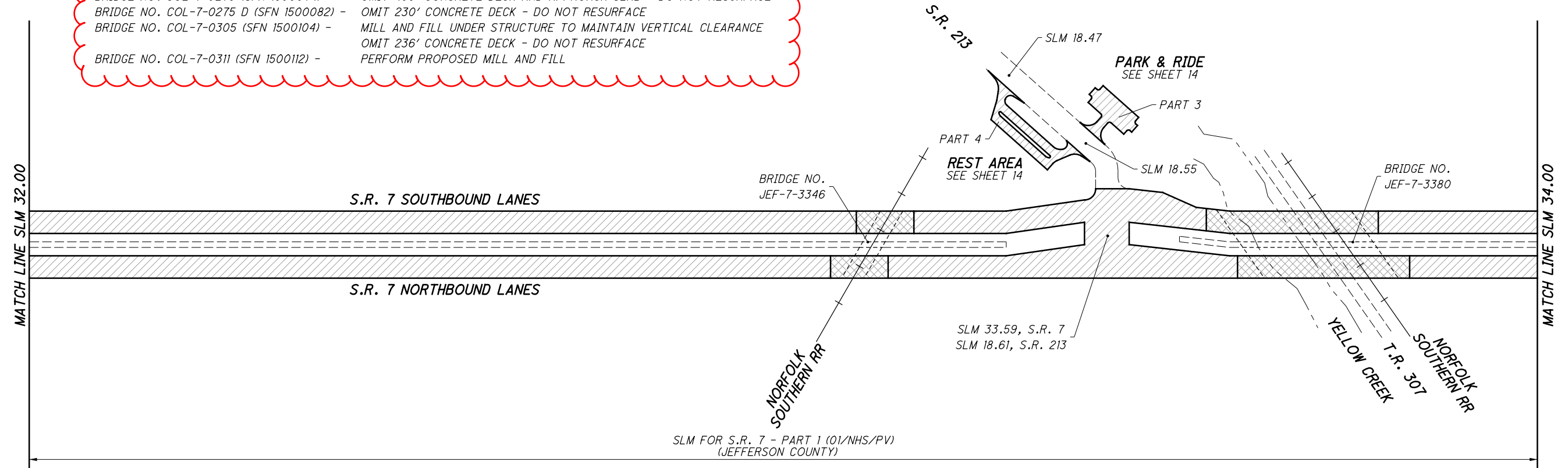


BRIDGE TREATMENT

BRIDGE NO. JEF-7-3103 (SFN 4101596) -	NO WORK
BRIDGE NO. JEF-7-3346 (SFN 4101626) -	PROVIDE 3" SURFACE COURSE ACROSS APPROACH SLAB AND CONC. DECK PROVIDE POLYMER MODIFIED EXPANSION JOINT SYSTEM (SEE SHEET 29)
BRIDGE NO. JEF-7-3380 (SFN 4101650) -	PROVIDE 3" SURFACE COURSE ACROSS APPROACH SLAB AND CONC. DECK PROVIDE POLYMER MODIFIED EXPANSION JOINT SYSTEM (SEE SHEET 30)
BRIDGE NO. COL-7-0058 (SFN 1500015) -	MILL AND FILL UNDER STRUCTURE TO MAINTAIN VERTICAL CLEARANCE OMIT 207' CONCRETE DECK AND APPROACH SLAB - DO NOT RESURFACE
BRIDGE NO. COL-7-0127 (SFN 1500023) -	OMIT 149' CONCRETE DECK - DO NOT RESURFACE
BRIDGE NO. COL-7-0193 (SFN 1500058) -	OMIT 129' CONCRETE DECK - DO NOT RESURFACE
BRIDGE NO. COL-7-0275 (SFN 1500074) -	OMIT 480' CONCRETE DECK AND APPROACH SLAB - DO NOT RESURFACE
BRIDGE NO. COL-7-0275 D (SFN 1500082) -	OMIT 230' CONCRETE DECK - DO NOT RESURFACE
BRIDGE NO. COL-7-0305 (SFN 1500104) -	MILL AND FILL UNDER STRUCTURE TO MAINTAIN VERTICAL CLEARANCE OMIT 236' CONCRETE DECK - DO NOT RESURFACE
BRIDGE NO. COL-7-0311 (SFN 1500112) -	PERFORM PROPOSED MILL AND FILL

LEGEND

-  ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (INCLUDES MAINLINE AND SHOULDERS)
-  3" SURFACE COURSE ACROSS APPROACH SLAB AND CONC. DECK (FOR FEATHER DETAIL, SEE SHEET 28 AND BP-3.1)
-  REPLACE CONCRETE MEDIAN BARRIER (FOR TRANSITION DETAILS, SEE SHEET 31 - 38)

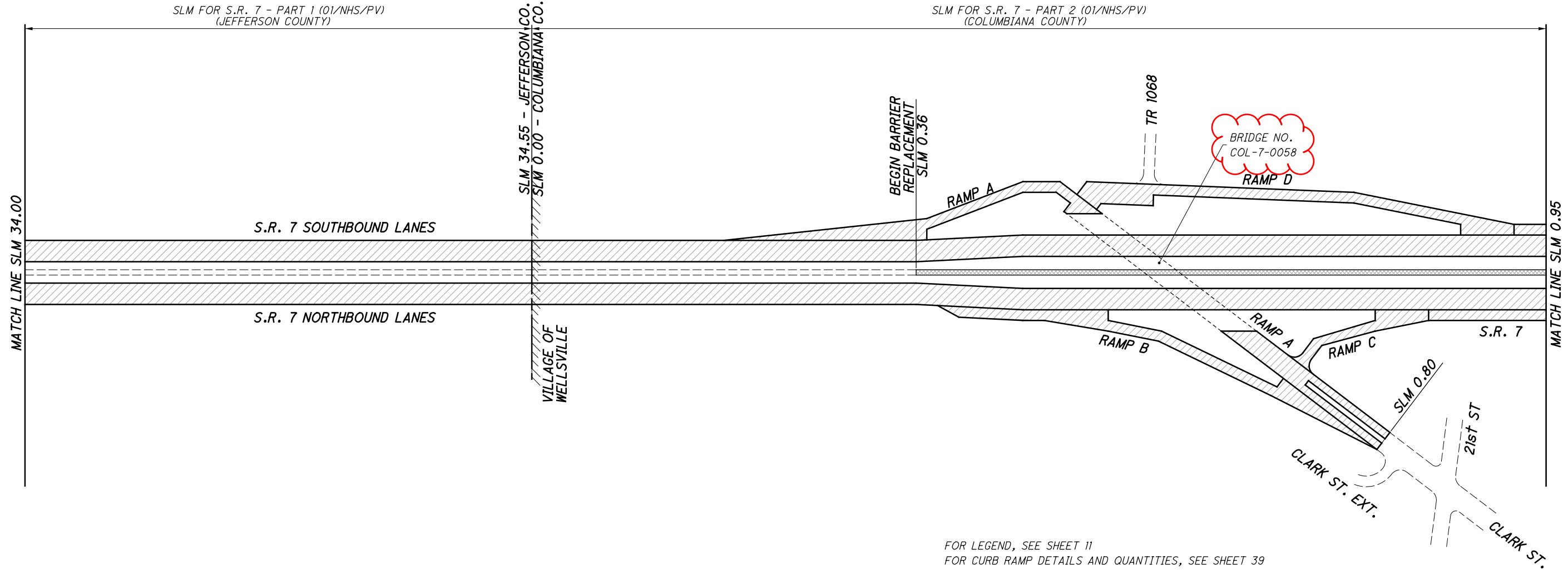


SLM FOR S.R. 7 - PART 1 (01/NHS/PV)
(JEFFERSON COUNTY)

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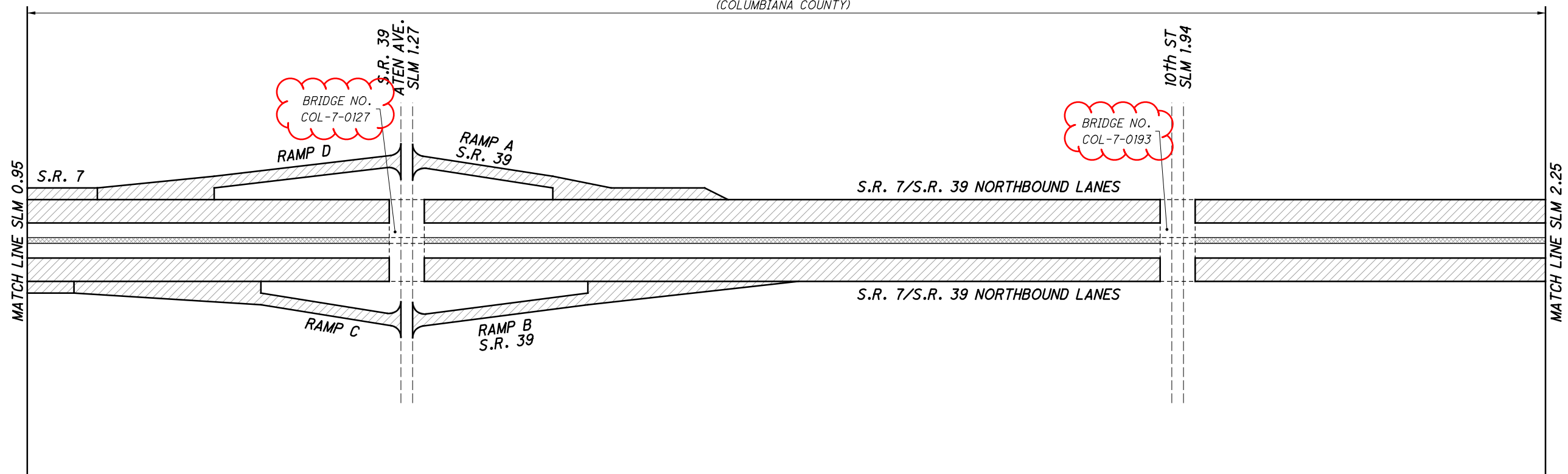
SLM FOR S.R. 7 - PART 1 (01/NHS/PV)
(JEFFERSON COUNTY)

SLM FOR S.R. 7 - PART 2 (01/NHS/PV)
(COLUMBIANA COUNTY)



FOR LEGEND, SEE SHEET 11
FOR CURB RAMP DETAILS AND QUANTITIES, SEE SHEET 39

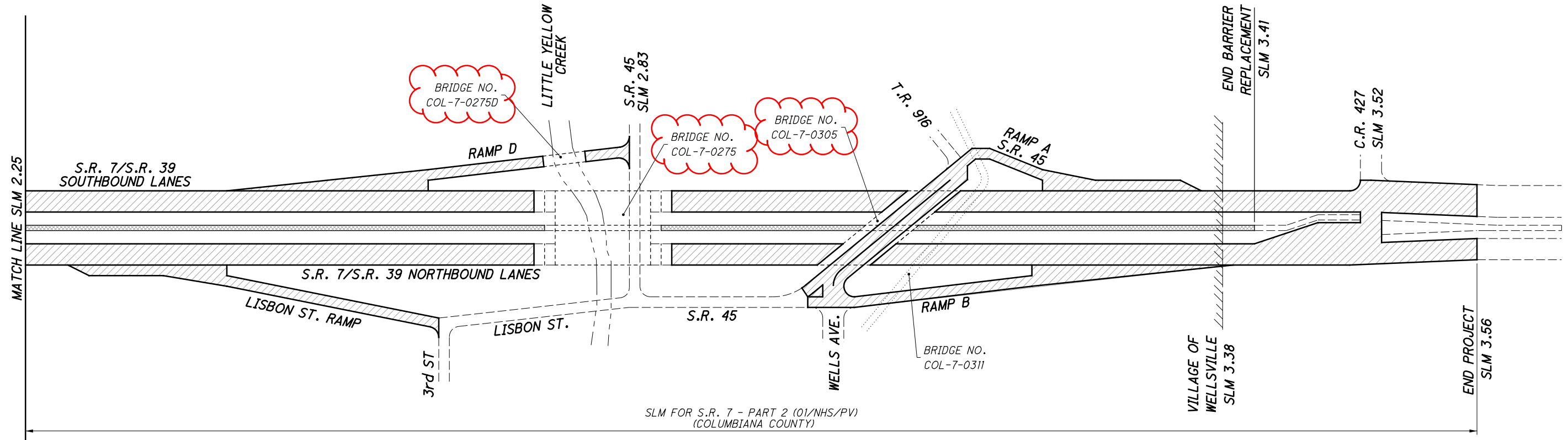
SLM FOR S.R. 7 - PART 2 (01/NHS/PV)
(COLUMBIANA COUNTY)



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CHECKED
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S.R. 7 - PAVEMENT DETAILS

JEF / COL-7-31.13 / 0.00



SLM FOR S.R. 7 - PART 2 (01/NHS/PV)
(COLUMBIANA COUNTY)

FOR LEGEND, SEE SHEET 11
FOR CURB RAMP DETAILS AND QUANTITIES, SEE SHEET 39

CALCULATED
SAH
CHECKED
DAH

S.R. 7 - PAVEMENT DETAILS

JEF / COL-7 -31.13 / 0.00

ITEM SPECIAL - DEBRIS REMOVAL

THIS WORK SHALL INCLUDE THE REMOVAL OF ALL ACCUMULATED DEBRIS ALONG THE MEDIAN BARRIER, RAISED MEDIAN, ROCKWALLS, RETAINING WALLS, AND BRIDGE PARAPETS. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED DEBRIS IN FRONT OF AND INSIDE OF THE BRIDGE SCUPPERS. VEGETATION GROWING IN ALL LONGITUDINAL AND TRANSVERSE JOINTS WITHIN THE SWEEPING AREA SHALL BE INCLUDED FOR REMOVAL BY SWEEPING, SHOVELING, ETC. AS SHOWN IN THE DETAILS OF THIS PLAN. THE MATERIAL REMOVED SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH CMS 105.17.

IF THE CONTRACTOR CHOOSES MECHANICAL MEANS OF PERFORMING THE WORK, CARE SHALL BE TAKEN TO AVOID DAMAGE TO PASSING TRAFFIC.

THE CONTRACTOR SHALL BE AWARE OF EXISTING DRAINAGE STRUCTURES AND NOT SWEEP DEBRIS INTO THEM.

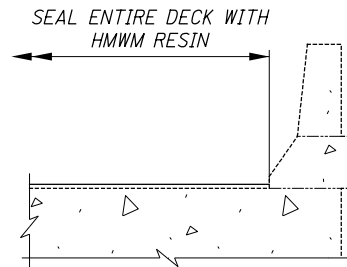
THE DEPARTMENT WILL MEASURE DEBRIS REMOVAL BASED ON THE LENGTH OF SHOULDER CLEANED, COMPLETED AND ACCEPTED, ALONG THE GIVEN STRUCTURE, AND WILL INCLUDE ALL WORK DONE ON SCUPPERS AND JOINTS WITHIN THE SHOULDER LIMITS.

ALL OF THE ABOVE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM SPECIAL - DEBRIS REMOVAL.

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

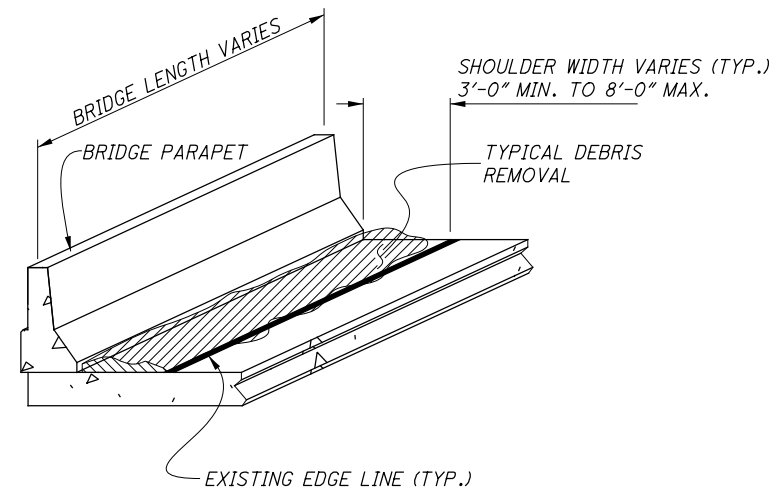
REFER TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION(S):

846 DATED 4/17/15



NEW JERSEY DETAIL

DECK AND SEALING DETAIL



DECK CLEANING DETAIL

PAGE REMOVED FROM PLAN

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&S SECTIONS 102.05 AND 105.02. BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ESTIMATED QUANTITIES										
SFN	BRIDGE NUMBER	SLM	LATITUDE	LONGITUDE	BRIDGE LENGTH FT	BRIDGE DECK AREA SQ FT	SPECIAL		512	COMMENTS
							NO. OF SHOULDERS	DEBRIS REMOVAL FT	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN SQ YD	
1500015	COL-7-0058	0.58	N 40° 35' 27.41"	W 80° 40' 9.56"	207	11281	4	828	1253	RAMP A OVER S.R. 7
1500023	COL-7-0127	1.26	N 40° 35' 59.04"	W 80° 39' 47.65"	149	12809	4	596	1423	SR 39
1500058	COL-7-0193	1.89	N 40° 36' 18.69"	W 80° 39' 11.11"	129	11098	4	516	1233	10TH ST
1500074	COL-7-0275	2.7	N 40° 36' 49.95"	W 80° 38' 32.56"	480.4	41280	4	1921.6	4587	SR 45, LITTLE YELLOW CR
1500082	COL-7-0275D	2.69	N 40° 36' 50.09"	W 80° 38' 34.72"	230	6749	4	920	750	LITTLE YELLOW CR
1500104	COL-7-0305	3.05	N 40° 37' 1.07"	W 80° 38' 12.93"	236.1	20301	4	944.4	2256	RAMP A
TOTALS CARRIED TO GENERAL SUMMARY:								5726	11502	(PART 5 - 04/NHS/BR)

DESIGNED SAH CHECKED DAH	DRAWN SAH REVISED	REVIEWED RPT STRUCTURE FILE NUMBER VARIOUS	DATE 9/23/19	DESIGN AGENCY ODOT DISTRICT 11 ENGINEERING
DECK CLEANING AND SEALING DETAILS AND QUANTITIES BRIDGE NO. COL-7-0058, COL-7-0127, COL-7-0193, COL-7-0275, COL-7-0275D, COL-7-0275D, COL-7-0305				
JF / COL-7-31.13 / 0.00 PID No. 81722				
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