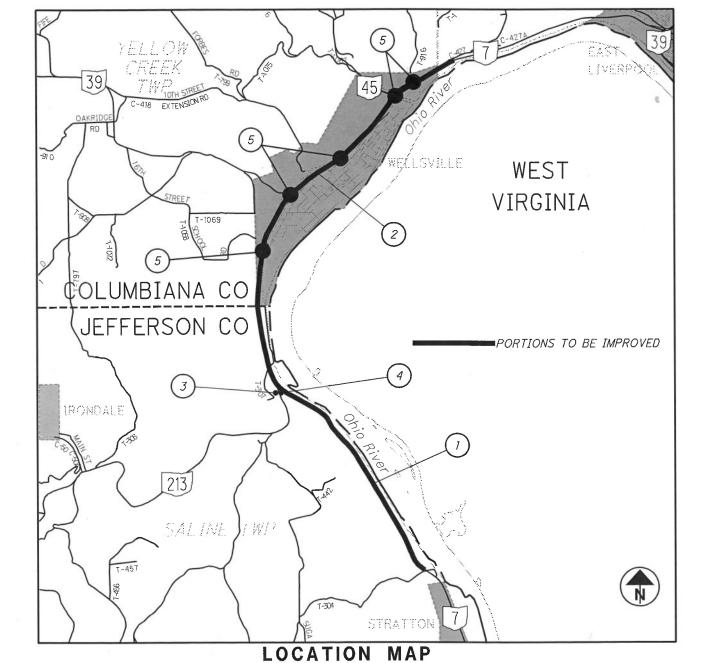
STATE OF OHIO **DEPARTMENT OF TRANSPORTATION**



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

JEF/COL-7-3 442 4-LANE RE

PART	COUNTY	ROUTE	SECTION	PROJECT Termini							
	2 C			BEGIN	END						
1	JEF	S.R. 7	31.13	31.13	34.55						
2	COL	S.R. 7	0.00	0.00	3.56						
3	JEF	S.R. 213 PARK & RIDE		-	-						
4	JEF	S.R. 7/S.R. 213 REST AREA	-	-	-						
	PROJECT EARTH DISTURBED AREA = N/A (MAINTENANCE PROJEC										
	ESTIMATED CONTRACTOR EARTH DISTURBED AREA = N/A (MAINT										
	NOTICE OF	INTENT EARTH DISTU	JRBED AREA =	N/A (MA	INTENANO						

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR SECTION 5511.02 OF THE OHIO REVISED CODE.

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, D SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CH GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE N REQUIRE THE CLOSING OF THE HIGHWAYS TO TRAFFIC AND TH SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AN

APPROVED DATE 1-31-2020



APPROVED DATE ____



UNDERGROUND UTILITIES SUPPLEMENTAL ENGINEER'S SEAL: STANDARD CONSTRUCTION DRAWINGS Contact Two Working Days Before You Dig SPECIFICATIONS TE OF O 800-2019 10/18/19 BP-2.1 7/17/15 RM-4.2 10/24/19 MT-98.20 4/19/19 TC-21.50 7/15/16 7/18/08 RM-4.3 7/18/14 MT-98.22 10/18/13 1/18/19 BP-2.2 1/20/17 TC-41.20 308 7/19/13 RM-4.4 7/19/19 MT-98.28 1/20/17 TC-42.20 10/18/13 4/20/12 BP-2.5 6 **HIO811**.org DAVID A. 10/19/1 BP-3.1 10/18/19 RM-4.6 7/19/13 MT-99.20 4/19/19 TC-52.10 10/18/13 832 HOFFMAN BP-7.1 7/20/18 RM-6.1 7/18/14 MT-101.70 7/20/18 TC-52.20 7/20/18 4/17/1 Before You Dig 846 E-79007 MT-101.75 7/15/16 TC-65.10 1/17/14 7/19/19 BP-9.1 1/18/19 902 OHI0811, 8-1-1, or 1-800-362-2764 7/17/15 MT-101.80 1/16/15 TC-65.11 10/20/1 HL-10.15 7/21/17 908 (Non-members must be called directly) GISTERE -2.1 1/15/16 MT-101.90 7/21/17 TC-71.10 1/19/18 4/20/1 SSIONAL ENG 7/19/19 MT-103.10 MT-95.30 1/19/18 TC-72.20 7/20/18 SPECIAL DM-LJ 7/21/17 MT-95.40 1/20/17 MT-104.10 10/16/15 TC-73.20 7/21/17 PROVISIONS SIGNED: DIA.H. PLAN PREPARED BY: DM-4.3 1/15/16 MT-95.45 4/19/19 MT-105.10 7/19/13 7/21/17 DM-4.4 1/15/16 MT-95.50 ODOT DISTRICT II 2-3-2020 MT-98.10 1/20/17 TC-7.65 7/20/18 ENGINEERING DATE: RM-3.1 7/20/18 MT-98.11 4/19/19 TC-21.10 7/19/19

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			0.00 A C I N G	e		FEDERAL PROJECT NO. E150(687)
PRO TER BEGIN	JECT MINI END	NET Length Miles	VILLAGE/CITY			
31.13	34.55	3.42			1	
0.00	3.56	3.56	VILLAGE OF WELLSVI	LLE		722
-	-	-				8 1 7
-	-	-				
REA = N/		NANCE PROJEC	CT)			ECT NO.
			S BEEN DECLARED A LIMITED WITH THE PROVISIONS OF			CONSTRUCTION PROJECT NO
ARE THAN	DHIO, DEP. AND CHAN T THE MAK AND THAT	ARTMENT OF T GES LISTED IN VING OF THESE PROVISIONS I ESTIMATES.	TRANSPORTATION, INCLUDING N THE PROPOSAL SHALL E IMPROVEMENTS WILL NOT FOR THE MAINTENANCE AND			RAILROAD INVOLVEMENT
TITLE S GENERA MAINTEI GENERA SUBSUM PA VEME SHOULD ROADWA PA VEME MISCELU	SHEET NACE OF I NACE OF I MARIES INT DETAIL INT DATA PER DATA AY AND DR INT REPAIL LANEOUS L	TRAFFIC Y LS PAINAGE QUAN R DETAILS DETAILS	OF SHEETS	2-3 4-6 7-9 10 11-18 19-22 23-25 26 27 28-38		JEF/COL-7-31.13/0.00
TRAFFI	C CONTRO	L DETAILS AN	ITITIES D QUANTITIES	40-52		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
SUNDA Y	12:00N FRI THRU 6:00 AM MON
MONDA Y	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) 6:00 AM WED THRU 6:00 AM MON
FRIDAY	12:00N THU THRU 6:00 AM MON
SA TURDA Y	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.

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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.

N	OTIFICATION TIME	TABLE
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
RAMP & ROAD CLOSURES	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES &	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
RESTRICTIONS	< 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.				PA	RT.	 ITEM	ІТЕМ	GRAND	UNIT	
2	3	10	26	39		01/ NHS/PV	02/ NFA/PV	03/ NFA/PV		ЕХТ	TOTAL		
LS						LS	LS	LS	201	11000	LS		CLEARING AND GRUBBING
			810	366		810 195		171	202 202	23010 30000	810 366	SY SF	PAVEMENT REMOVED, ASPHALT 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			24	24		SPECIAL 202	20252990 58200	24 24	EACH EACH	PARKING BLOCK REMOVED INLET REMOVED
	1,550					1,550			SPECIAL	20270110	1,550	FT	PIPE CLEANOUT, 24" AND UNDER
	210					210			SPECIAL	20270120	210	FT	PIPE CLEANOUT, 27" TO 48"
		15.63				15.53	0.1		209	60500	15.63	MILE	LINEAR GRADING
	950					950			519	11100	950	SF	PATCHING CONCRETE STRUCTURE
	000										000		
	275		1		_	1 125		150	606 607	60012 98000	1 275	EACH	IMPACT ATTENUATOR, TYPE 1 (BIDIRECT) FENCE, MISC.: TEMPORARY ORANGE PLA
	275			405		125		212	607	52000	405	FT SF	CURB RAMP
		1,015				1,008	7		617	10100	1,015	СҮ	COMPACTED AGGREGATE
		100,843				100,843			618	40100	100,843	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CO
			13,266			13,266			 622	10100	13,266	FT	CONCRETE BARRIER, SINGLE SLOPE, TYP
			8			8			622	10200	8	EACH	BARRIER TRANSITION
			1			1			622	24850	1	EACH	CONCRETE BARRIER END SECTION, TYPE
			67			67			 622	25007	67	EACH	CONCRETE BARRIER, END ANCHORAGE, R
			1			1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, R
			1			1			622 622	25007 25007	1	EACH EACH	CONCRETE BARRIER, END ANCHORAGE, R CONCRETE BARRIER, END ANCHORAGE, R
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			1			1			622 622	25007 25007	1	EACH EACH	CONCRETE BARRIER, END ANCHORAGE, R CONCRETE BARRIER, END ANCHORAGE, R
			1			1			622	25007	1	EACH	CONCRETE BARRIER, END ANCHORAGE, R
			612			612			626	00102	612	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)
						012							
	24						24		SPECIAL	69050500	24	EACH	CONCRETE PARKING BLOCK
													E
				21		15		6	659	98000	21	SY	SEEDING, MISC.: CURB RAMP GRADING R
						800	100	100	832	30000	1,000	EACH	EROSION CONTROL
			216			216			611	00510	216	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN C
			208			208			611	04400	208	FT	12" CONDUIT, TYPE B
			16 24			16 24			611 611	05900 07400	16 24	FT FT	15" CONDUIT, TYPE B 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 BARRI
			1			1			611	99100 99101	1	EACH	INLET, NO. 3 FOR SINGLE SLOPE BARRI INLET, NO. 3 FOR SINGLE SLOPE BARRI
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DESCRIPTION	SEE Sheet No.	CALCULATED SAH CHECKED DAH
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TIONAL) ASTIC CONSTRUCTION FENCE	3	SUMMARY
		SL
CONCRETE)		GENERAL
YPE B1		NE F
PE B1		GEN
REINFORCED, TYPE B1, AS PER PLAN (A) REINFORCED, TYPE B1, AS PER PLAN (B)	34 34	_
REINFORCED, TYPE B1, AS PER PLAN (C) REINFORCED, TYPE B1, AS PER PLAN (D)	34 35	
REINFORCED, TYPE B1, AS PER PLAN (E) REINFORCED, TYPE B1, AS PER PLAN (F)	35 36	
REINFORCED, TYPE B1, AS PER PLAN (G)	36	
Y)		
	3	
EROSION CONTROL		
RESTORATION	39	
DRAINAGE		°00
OUTLETS		3/0
		31.1
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RIER, TYPE BI RIER, TYPE BI, AS PER PLAN	35	JEF/ COL-7-31,13/ 0,00
		IEF,
		53

				SHEET NU	JM.				PA	RT.	ІТЕМ	ITEM	GRAND	UNIT	
3	10	26	27		44	45	52	01/ NHS/PV	02/ NFA/PV	03/ NFA/PV		ЕХТ	TOTAL		
			60					60			251	01010	60	CY	PARTIAL DEPTH PAVEMENT REPAIR (441)
	3,240 336,309							3,240	1 715	4.074	254	01000	<i>3,240</i> <i>336,309</i>	SY	PAVEMENT PLANING, ASPHALT CONCRETE PAVEMENT PLANING, ASPHALT CONCRETE
	556,509							330,920	1,315	4,074	254	01000	336,309	SY	PAVEMENT PLANING, ASPHALT CONCRETE
			960					960			255	10011	960	SY	FULL DEPTH PAVEMENT REMOVAL AND R.
		29,102	4,300					33,402			255	20000	33,402	FT	FULL DEPTH PAVEMENT SAWING
81								81			301	46000	81	СҮ	ASPHALT CONCRETE BASE, PG64-22
		057						057			704	20000	057	CV/	
		957 5,194						957 5,194			<u> </u>	20000 13010	957 5,194	CY SY	AGGREGATE BASE 9" CONCRETE BASE, CLASS QC IP
		,													
	30,002							29,544	112	346	407	20000	30,002	GAL	NON-TRACKING TACK COAT
	7,336							7,287	49		408	10001	7,336	GAL	PRIME COAT, AS PER PLAN
	0.05									170		50101	0.05		
	225								55	170	441	50101	225	CY	ASPHALT CONCRETE SURFACE COURSE,
	9,079							9,079			442	00100	9,079	СҮ	ANTI-SEGREGATION EQUIPMENT
	14,697							14,697			442	10351	14,697	CY	ASPHALT CONCRETE SURFACE COURSE,
		1,128						1,128			609	70000	1,128	SY	4" CONCRETE MEDIAN
															•
						1,304		1,304			621	00100	1,304	EACH	RPM
						1,236		1,236			621	54000	1,236	EACH	RAISED PAVEMENT MARKER REMOVED
					13.2				13.2		630	02100	13.2	FT	GROUND MOUNTED SUPPORT, NO. 2 POS
							2	2			630 630	55000 55001	2	EACH EACH	CONCRETE BARRIER MEDIAN OVERHEAD S CONCRETE BARRIER MEDIAN OVERHEAD S
							3	3			630	74701	3	EACH	OVERHEAD SIGN SUPPORT MODIFICATION
					2.5				2.5		630	80100	2.5	SF	SIGN, FLAT SHEET
					1				1		630	84900	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AN
					1				1		630	86002	1	EACH	REMOVAL OF GROUND MOUNTED POST SU
					70.04			70.04				10.010	70.04		
					32.84			32.84			646 646	10010 10110	32.84 14.45	MILE MILE	EDGE LINE, 6" LANE LINE, 6"
					0.24			0.24			646	10200	0.24	MILE	CENTER LINE
					1,325 5,708			1,325 5,708			646 646	10300 10310	1,325 5,708	FT FT	CHANNELIZING LINE, 8" CHANNELIZING LINE, 12"
					5,700			5,708			040	10310	5,700	<i>F 1</i>	CHANNELIZING LINE, 12
					255			255			646	10400	255	FT	STOP LINE
					710			710			646	10600	710	FT	TRANSVERSE/DIAGONAL LINE
					330			110	28	302	646	10601	330	FT	TRANSVERSE/DIAGONAL LINE, AS PER PA
					720			720			646	10620	720	FT	CHEVRON MARKING
					550			550			646	10800	550	SF	ISLAND MARKING
					3				1	2	646	10900	3	EACH	HANDICAP SYMBOL MARKING
					2,007			10	487	1,520	646 646	20200 20300	2,007 10	FT EACH	PARKING LOT STALL MARKING LANE ARROW
					5			5			646	20300	5	EACH	WRONG WAY ARROW
					6,986			6,986			646	20504	6,986	FT	DOTTED LINE, 6"
								2,000					5,000		

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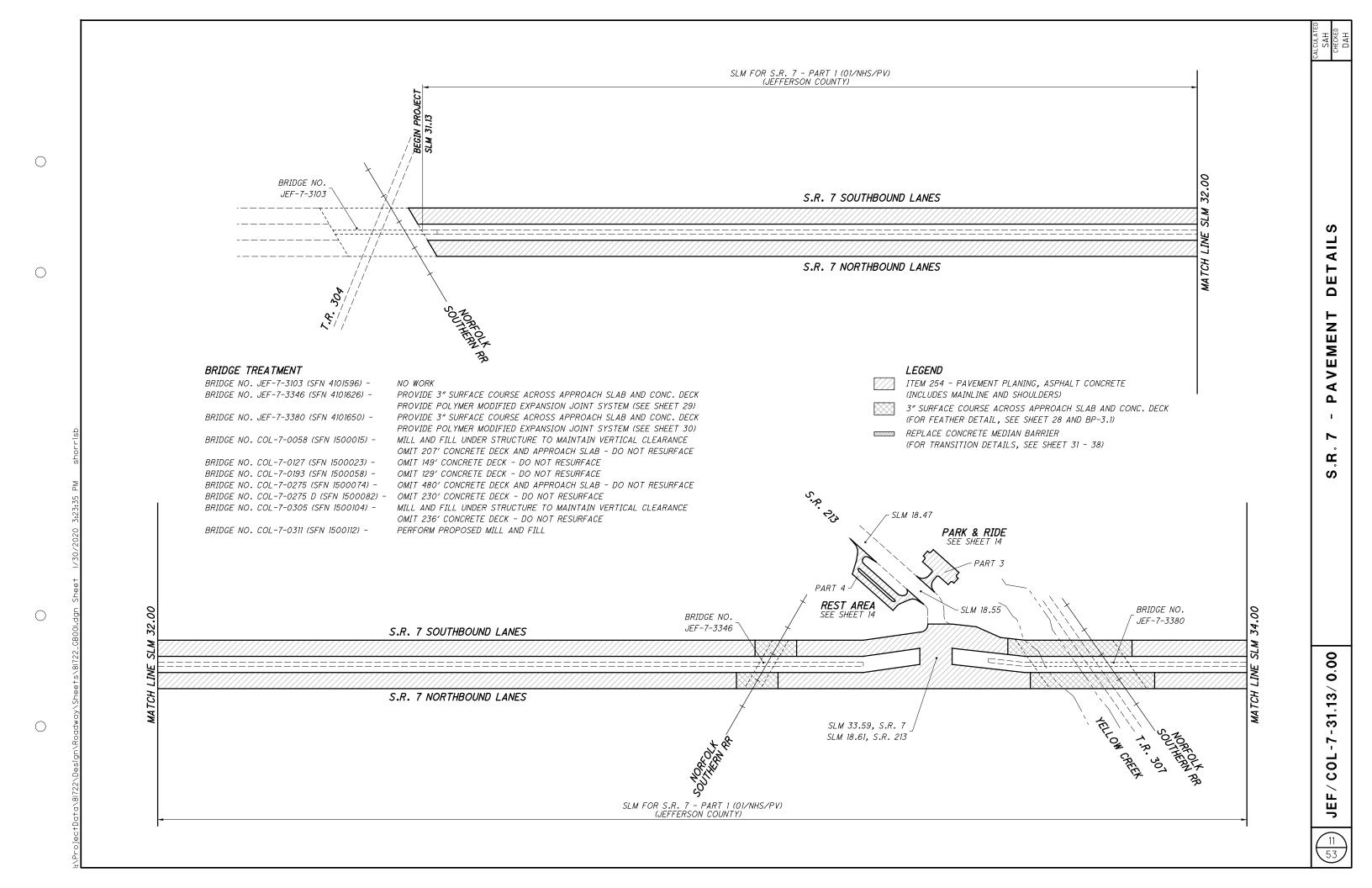
DESCRIPTION	SEE SHEET	ALCULATED SAH CHECKED DAH
DESCRIPTION PAVEMENT 41) ETE (VARIES) ETE (1-1/2") PRIGID REPLACEMENT, CLASS OC1, AS PER PLAN F, TYPE 1, (448), AS PER PLAN (PG70-22M) F, 12.5 MM, TYPE B (447), AS PER PLAN	SEE SHEET NO. 27 27 27 27 27 27 20 20 20 20 20	L SUMMARY DAH
TRAFFIC CONTROL POST D SIGN SUPPORT FOUNDATION, TC-7.65 D SIGN SUPPORT FOUNDATION, TC-7.65, AS PER PLAN ION, AS PER PLAN AND DISPOSAL SUPPORT AND DISPOSAL	40 40 40	GENERAL
2 [°] <i>PLAN</i>	40	JEF / COL - 7 - 31,13/ 0,00
		8 53

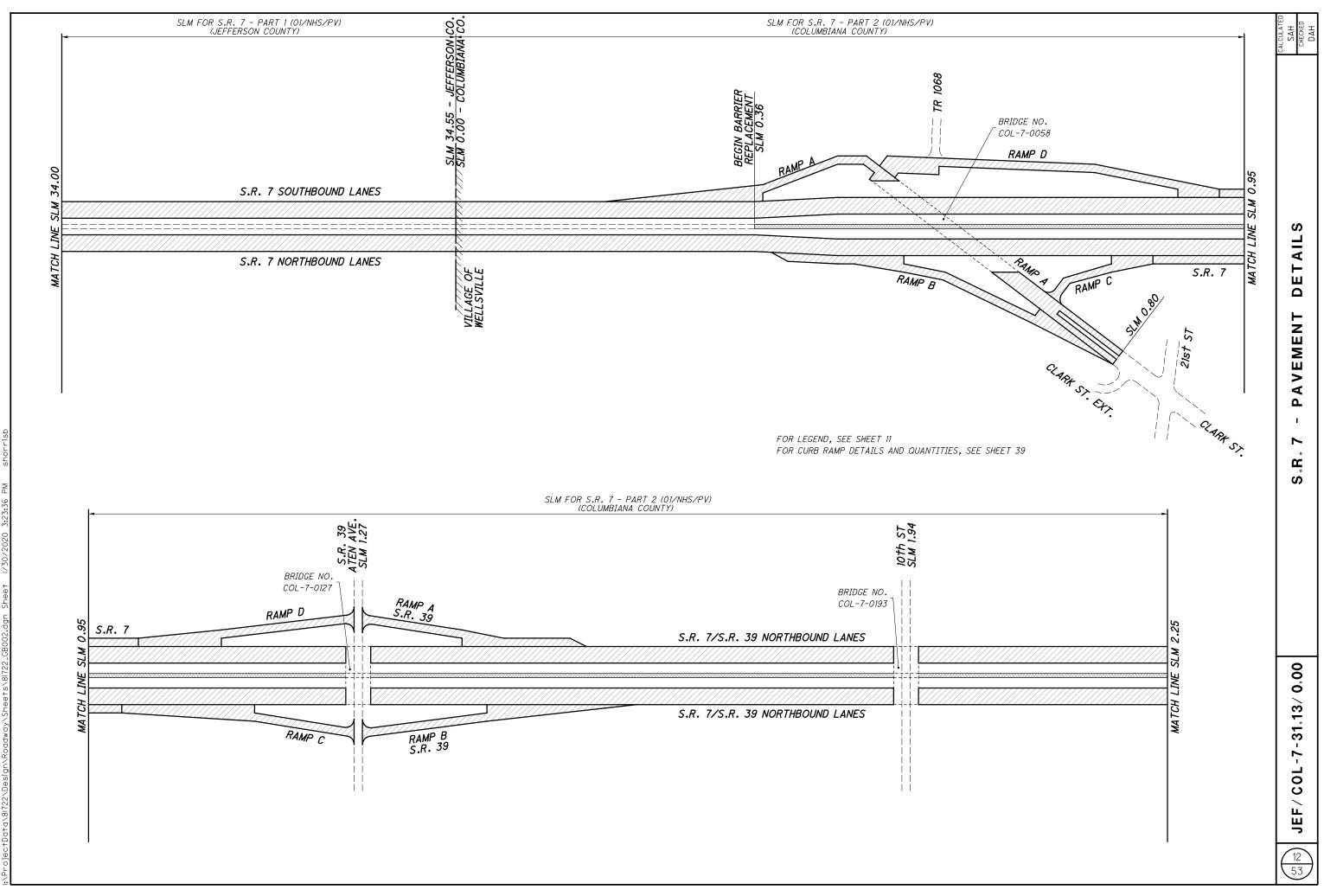
			SHEET	NUM.				PA		ITEM	ITEM	GRAND	UNIT	
4	5	6		29	30		01/ NHS/PV	02/ NFA/PV	03/ NFA/PV		ЕХТ	TOTAL		
 														STRUCTURE OV
				116	88		116 88			846 846	00111 00111	116 88	CF CF	POLYMER MODIFIED ASPHALT EXPANSION POLYMER MODIFIED ASPHALT EXPANSION
 							00			040	00111			
														MAINT
		200					200			C14	11110	200		
		200					200			614	11110	200	HOUR	LAW ENFORCEMENT OFFICER WITH PATRO
		8					8			614	12336	8	EACH	WORK ZONE IMPACT ATTENUATOR (UNIDIR
	20						20			614	12460	20	EACH	WORK ZONE MARKING SIGN
	34						34			614	12484	34	EACH	WORK ZONE INCREASED PENALTIES SIGN
	10						10			614	12500	10		REPLACEMENT SIGN
	10 50						10 50			614 614	12600 13000	10 50	EACH CY	REPLACEMENT DRUM ASPHALT CONCRETE FOR MAINTAINING TH
		694					694			614	13310	694		BARRIER REFLECTOR, TYPE 1 (ONE-WAY)
		694					694			614	13350	694	EACH	OBJECT MARKER, ONE WAY
	27.92 65.14						27.92 65.14			614 614	20550 22350	27.92 65.14	MILE	WORK ZONE LANE LINE, CLASS III, 4", 6 WORK ZONE EDGE LINE, CLASS III, 4", 6
 	03.14						03.14			014	22350	03.14	MILE	WORK ZONE EDGE LINE, CLASS III, 4, 64
	2,650 510						2,650 510			614 614	23680 26610	2,650 510	FT FT	WORK ZONE CHANNELIZING LINE, CLASS I WORK ZONE STOP LINE, CLASS III, 642 H
	510													
		34,740					 34,740			622	41000	34,740	FT	PORTABLE BARRIER, 32"
	54						54			808	18700	54	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMB
							LS			108	30000	LS		CPM PROGRESS SCHEDULE SHORT DURATI
LS							LS 4			614 619	11001 16020	LS 4	MNTH	MAINTAINING TRAFFIC, AS PER PLAN FIELD OFFICE, TYPE C
							LS			623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SUR
							LS			624	10000	LS		MOBILIZATION

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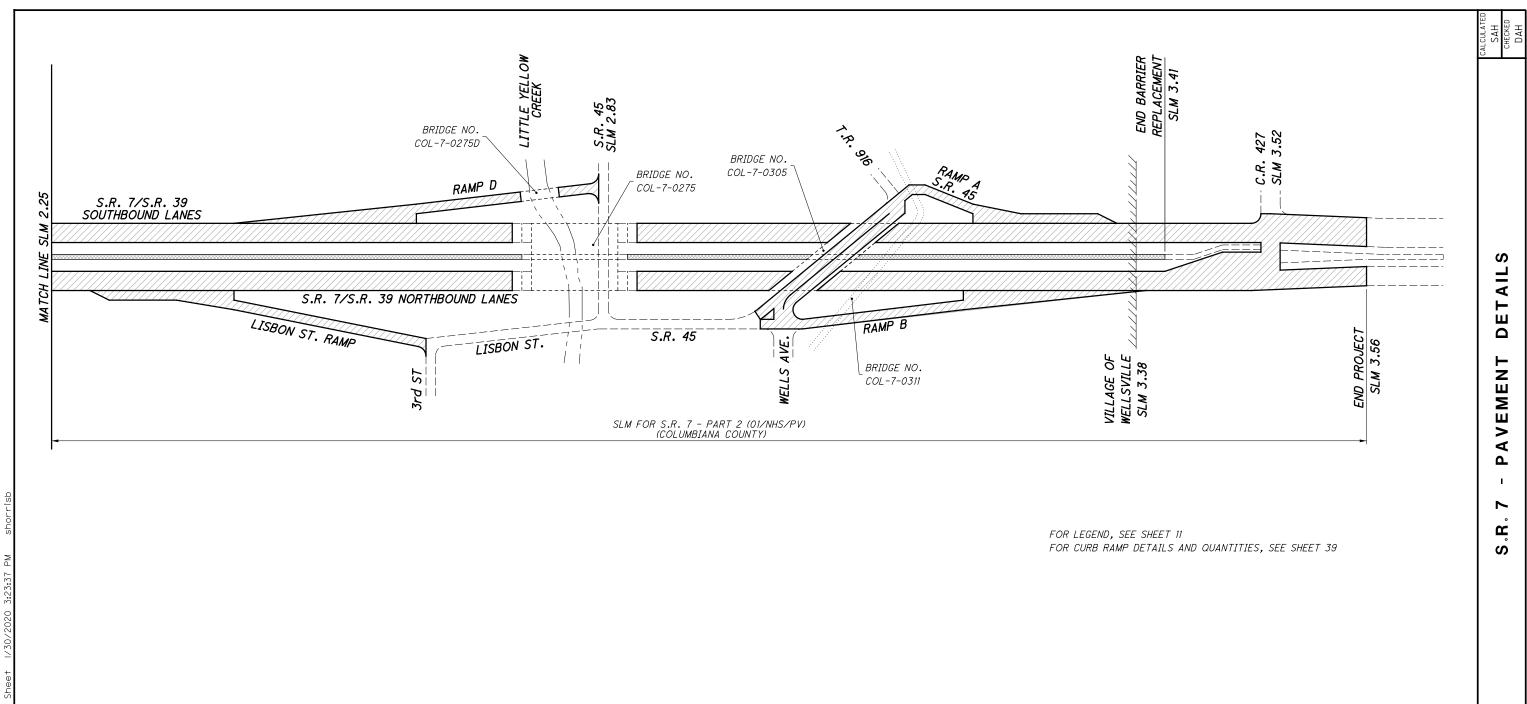
DESCRIPTION	SEE Sheet No.	CALCULATED SAH CHECKED DAH
OVER 20 FOOT SPAN (VARIOUS)		
DN JOINT SYSTEM, AS PER PLAN (A)	29	
DN JOINT SYSTEM, AS PER PLAN (B)	30	
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NTENANCE OF TRAFFIC		ň
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ROL CAR FOR ASSISTANCE		SUMMARY
DIRECTIONAL)		л s U
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642 PAINT		
642 PAINT		
5 III, 8″, 642 PAINT		
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