

NOB-78-7.07-7.17 CONCRETE PAVEMENT REPAIR

CONCRETE PAVEMENT REPAIR SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER. WORK SHALL BE PERFORMED AT NIGHT USING FLAGGERS PER MT-97.12. NO WORK SHALL COMMENCE ON NOB-78 PAVEMENT REPAIR UNTIL 9/15/2025, AND SHALL BE COORDINATED WITH COMPLETION OF WORK AND LANE CLOSURES FOR PID 118541. THE EXISTING SECTION IS 10" ±, NON-REINFORCED CONCRETE PAVEMENT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

- ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC FS: 324 SY
- ITEM 255 - FULL DEPTH PAVEMENT SAWING: 952 FT
- ITEM 256 - BONDED PATCHING OF PORTLAND CEMENT CONCRETE PAVEMENT, TYPE A: 20 SF
- ITEM 257 - DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT: 650 SY
- ITEM 621 - RPM: 13 (YELLOW/YELLOW) + 6 (WHITE) + 9 (WHITE/RED) = 28 EACH
- ITEM 621 - RAISED PAVEMENT MARKER REMOVED: 28 EACH
- ITEM 642 - EDGE LINE, 6", TYPE 1: 0.20 MI
- ITEM 642 - CENTER LINE, TYPE 1: 0.12 MI
- ITEM 642 - LANE ARROW, TYPE 1: 5 EACH
- ITEM 642 - STOP LINE, TYPE 1: 95 FT
- ITEM 642 - TRANSVERSE/DIAGONAL LINE, TYPE 1: 165 FT
- ITEM 642 - CHANNELIZING LINE, 8", TYPE 1: 300 FT
- ITEM 642 - ISLAND MARKING: 68 SF

FINAL PAVEMENT REPAIR LOCATIONS AND AREAS SHALL BE DIRECTED BY THE ENGINEER. PAVEMENT REPAIRS 10' OR GREATER IN LENGTH SHALL BE TIED AT THE LONGITUDINAL JOINT PER SCD BP-2.1. SCHEDULE WORK IN ORDER TO PLACE THE CONCRETE IN THE PREPARED REPAIR AREA WITHIN WITHIN THE SAME NIGHT AS REMOVING PAVEMENT.

MAINTENANCE OF TRAFFIC FOR THIS WORK SHALL BE INCLUDED IN ITEM 614 - MAINTAINING TRAFFIC, LUMP SUM.

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 SPECIAL EVENTS:

- MEMORIAL DAY
- FOURTH OF JULY (OBSERVED)
- LABOR DAY
- GENERAL/REGULAR ELECTION DAY (NOVEMBER)

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

DAY OF HOLIDAY OR SPECIAL 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
TUESDAY (GEN./REG. ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRAIN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

CONCRETE PAVEMENT REPAIR

ITEM 255, FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS OC1, AS PER PLAN: DETAIL PROVIDED AS SUPPLEMENTAL TO BP 2.5 TO SHOW EXISTING PAVEMENT BUILDUP.

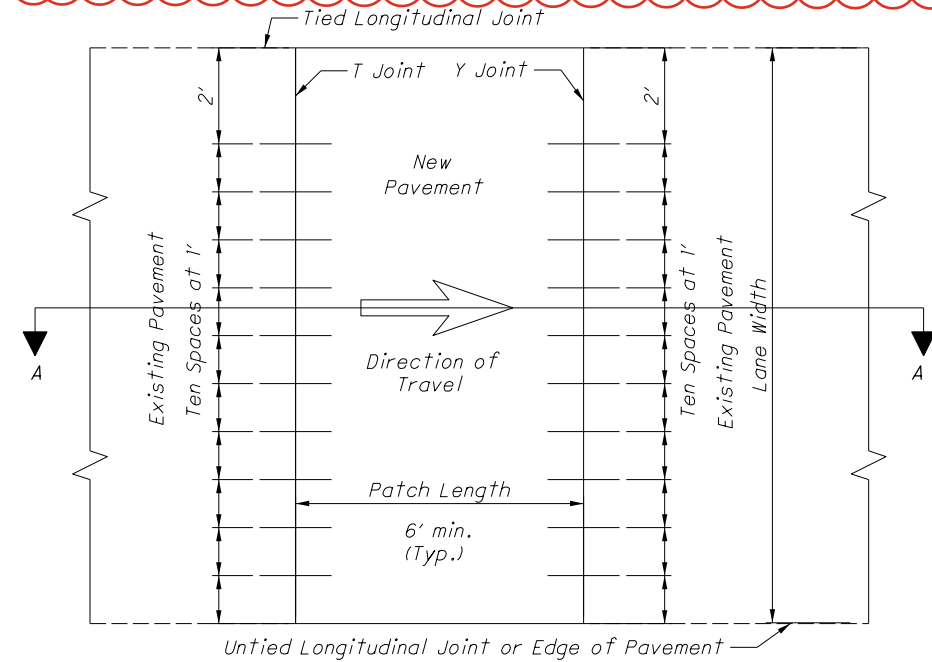
CONCRETE PLACED FOR ITEM 255 - FULL DEPTH REMOVAL AND RIGID REPLACEMENT SHALL FOLLOW C&MS 451.03 PAVEMENT QUALITY CONTROL WITH QC/OA.

TABLE SHOWS ESTIMATED QUANTITIES AND NUMBER OF LOCATIONS, FINAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

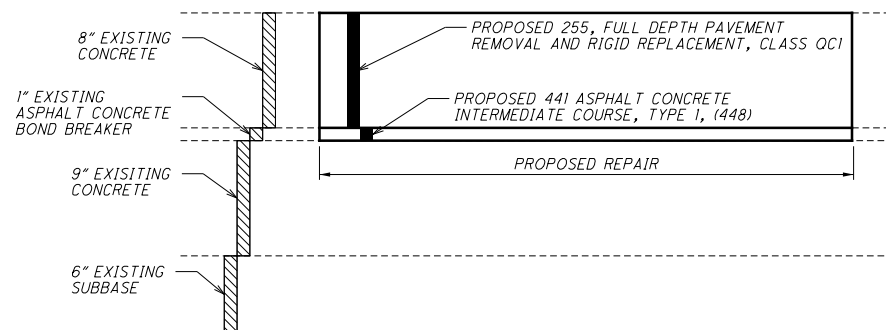
SCHEDULE WORK IN ORDER TO PLACE THE CONCRETE IN THE PREPARED REPAIR AREA WITHIN WITHIN THE SAME WORKING DAY AS REMOVING PAVEMENT. IF CONCRETE CANNOT BE PLACED IN THE SAME DAY, THE REPAIR AREA SHALL BE BACKFILLED WITH GRANULAR MATERIAL AS DIRECTED BY THE ENGINEER.

ITEM 202, PAVEMENT REMOVED, AS PER PLAN SHALL BE USED TO REMOVE THE 8" UNBONDED CONCRETE OVERLAY. IF ASPHALT BOND BREAKER IS DAMAGED IT SHALL BE RESTORED WITH QUANTITY PROVIDED. DO NOT DISTURB ORIGINAL 9" REINFORCED CONCRETE LAYER.

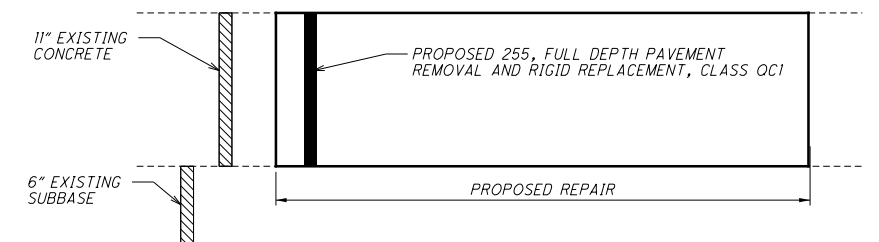
ITEM 441, ASPHALT CONCRETE INTERMEDIATED COURSE, TYPE 1, (449) - 10 CY CARRIED TO THE GENERAL SUMMARY.



SECTION A-A
(UNBONDED OVERLAY SECTIONS)



SECTION A-A
(REINFORCED SECTIONS)



GENERAL NOTES

NOB-77-6.40

MODEL: Sheet 2 PAPER SIZE: 17x11 (in.) DATE: 11/12/2024 TIME: 11:07:47 AM USER: wdose
pvc:\hobol-pw-bentley.com\shahid-pw-02\Documents\01 Active Projects\Distrid 10\Noble\91774\400-Engineering\Foadway\Sheets\91774_GN001.dgn

DESIGN AGENCY



DESIGNER	WBC
REVIEWER	MRF
PROJECT ID	07-15-24
	91774
SHEET	TOTAL
4	7

SHEET NUM.					PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
3	4	6	7	01/IMS/05	02/STR/05								
		4,242				4,242		202	23000	4,242	SY	ROADWAY PAVEMENT REMOVED	
		5,236				5,236		255	11000	5,236	SY	PAVEMENT FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1	
	324						324	255	13000	324	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC FS	
	952	30,178				30,178	952	255	20000	31,130	FT	FULL DEPTH PAVEMENT SAWING	
3,300	20					3,300	20	256	10000	3,320	SF	BONDED PATCHING OF PORTLAND CEMENT CONCRETE PAVEMENT, TYPE A	
	650	160,628				160,628	650	257	10000	161,278	SY	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT	
	10					10		441	70200	10	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449)	
		256				256		451	15060	256	SY	11" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
		3,986				3,986		452	12010	3,986	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
												TRAFFIC CONTROL	
	28		457			457	28	621	00100	485	EACH	RPM	
	28		457			457	28	621	54000	485	EACH	RAISED PAVEMENT MARKER REMOVED	
	0.2						0.2	642	00104	0.2	MILE	EDGE LINE, 6", TYPE 1	
	0.12						0.12	642	00300	0.12	MILE	CENTER LINE, TYPE 1	
	300						300	642	00400	300	FT	CHANNELIZING LINE, 8", TYPE 1	
	95						95	642	00500	95	FT	STOP LINE, TYPE 1	
	165						165	642	00700	165	FT	TRANSVERSE/DIAGONAL LINE, TYPE 1	
	68						68	642	00900	68	SF	ISLAND MARKING, TYPE 1	
	5						5	642	01300	5	EACH	LANE ARROW, TYPE 1	
		805				805		646	10600	805	FT	TRANSVERSE/DIAGONAL LINE	
		19.73				19.73		807	12010	19.73	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"	
		9.68				9.68		807	12110	9.68	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"	
		1,370				1,370		807	12310	1,370	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"	
		29.4				29.4		850	20010	29.4	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)	
		1,370				1,370		850	20130	1,370	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE)	
												MAINTENANCE OF TRAFFIC	
80						80		614	11110	80	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
4						4		614	12410	4	EACH	SPEED ZONE AHEAD SYMBOL SIGN	
4						4		614	12490	4	EACH	RESUME LEGAL SPEED SIGN	
		0.76				0.76		614	22210	0.76	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I	
60						60		808	18700	60	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	
												INCIDENTALS	
						LS		614	11000	LS		MAINTAINING TRAFFIC	
						LS		623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	3
						LS		624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
WBC
 REVIEWER
MRF 07-15-24
 PROJECT ID
91774
 SHEET TOTAL
5 | 7