

SEQUENCE OF CONSTRUCTION

PHASE 1 (SHEETS P.80-P.114)

PHASE 1A - STEP 1

1. SHIFT I-680 NB & SB LANES AS SHOWN IN THE PLANS TO REMOVE THE EXISTING MEDIAN BARRIER AND INSTALL TEMPORARY PAVEMENT FOR THE Crossovers AT THE NORTH AND SOUTH ENDS OF PHASE 1A.

PHASE 1A - STEP 2

SOUTHBOUND RAMPS CLOSED:
- SILLIMAN ST. TO I-680 SB (RAMP C)
- S.R. 193 TO I-680 SB (RAMP C)
- MAHONING AVE. TO I-680 SB (RAMP E)
- I-680 SB TO GLENWOOD/MAHONING AVE. (RAMP F)
- GLENWOOD/MAHONING AVE. TO I-680 SB (RAMP H)
- I-680 SB TO MARKET ST. SB (RAMP K)
- I-680 SB TO MARKET ST. NB (RAMP M)
- I-680 SB TO U.S. 62 EB /S.R. 7 NB (RAMP BX)

NORTHBOUND RAMPS CLOSED:
- I-680 NB TO S.R. 193 (RAMP B-3)
- I-680 NB TO SALT SPRINGS RD. (RAMP D)
- MARSHALL ST. TO I-680 NB (RAMP G)
- I-680 NB TO GLENWOOD/MAHONING AVE. (RAMP J)
- MARKET ST. TO I-680 NB (RAMP L)
- WOODLAND AVE. TO I-680 NB (RAMP N)
- U.S. 62 WB/S.R. 7 SB TO I-680 NB (RAMP BY)

1. CLOSE AND DETOUR NORTHBOUND I-680 USING U.S. 62, U.S. 422, AND S.R. 193.

2. CROSS THE TWO SOUTHBOUND LANES OF I-680 OVER TO THE NORTHBOUND LANES JUST SOUTH OF THE S.R. 193 INTERCHANGE.

3. CONSTRUCT THE I-680 SB LANES AND PROPOSED MEDIAN BARRIER. CONSTRUCT ALL SB EXIT AND ENTRANCE RAMPS. CONSTRUCT ALL PROPOSED PAVEMENT UP THROUGH THE INTERMEDIATE COURSE.

PHASE 1B - STEP 1

NORTHBOUND RAMPS CLOSED:
- I-680 NB TO S.R. 193 (RAMP B-3)
- I-680 NB TO SALT SPRINGS RD. (RAMP D)
- MARSHALL ST. TO I-680 NB (RAMP G)
- I-680 NB TO GLENWOOD/MAHONING AVE. (RAMP J)
- MARKET ST. TO I-680 NB (RAMP L)
- WOODLAND AVE. TO I-680 NB (RAMP N)
- U.S. 62 WB/S.R. 7 SB TO WOODLAND AVE. (RAMP CA)
- U.S. 62 WB/S.R. 7 SB TO I-680 NB (RAMP BY)

1. MAINTAIN I-680 NB CLOSURE AND DETOUR FROM PHASE 1A.

2. MAINTAIN I-680 SB TRAFFIC ON THE RECENTLY CONSTRUCTED SB LANES.

3. CONSTRUCT I-680 NB BETWEEN S.R. 193 AND U.S. 62 INCLUDING ALL NB EXIT AND ENTRANCE RAMPS. RAMP CA CONSTRUCTION WILL BEGIN AT STA. 14+00 IN ORDER TO MAINTAIN 2 LANES ON RAMP SB. CONSTRUCT ALL PROPOSED PAVEMENT TO FINAL SURFACE ELEVATIONS USING EITHER THE PROPOSED SURFACE COURSE (STA. 950+66 - STA. 13032+26) OR ITEM 615, PAVEMENT FOR MAINTAINING TRAFFIC, AS PER PLAN B (STA. 1032+26 - STA. 1047+XX). LEAVE A GAP IN THE PROPOSED BARRIER BETWEEN STA. 1034+50 AND STA. 1037+50 FOR FUTURE Crossover USE.

WINTER SHUTDOWN SEASON 1

DURING THE WINTER MONTHS AFTER THE FIRST CONSTRUCTION SEASON, KEEP ALL TRAFFIC IN THE PHASE 1B - STEP 1 CONFIGURATION. CONTINUE WORK ON MAH-680-04.886 STRUCTURE.

PHASE 1B - STEP 1

1. TRAFFIC SHALL BE MAINTAINED ON I-680 AS SHOWN IN PHASE 1B - STEP 1.

2. ONCE THE WORK TO I-680 NB IS COMPLETE AND READY TO OPEN, REDUCE U.S. 62 WB/S.R. 7 SB TO ONE LANE IN ORDER TO CONSTRUCT THE REMAINING PORTION OF RAMP CA THAT WAS NOT BUILT IN PHASE 1B - STEP 1. ONCE WORK IS COMPLETE IN THIS AREA, OPEN UP TO TRAFFIC AND MOVE TO PHASE 2A - STEP 1.

PHASE 2 (SHEETS P.115-P.155)

PHASE 2A - STEP 1

1. SHIFT I-680 NB & SB LANES AS SHOWN IN THE PLANS TO REMOVE THE EXISTING MEDIAN BARRIER AND INSTALL TEMPORARY PAVEMENT FOR THE Crossovers AT THE NORTH AND SOUTH END OF PHASE 2.

PHASE 2A - STEP 2

NORTHBOUND RAMPS CLOSED:
- I-680 NB TO U.S. 62/S.R. 7 (RAMP NB)
- SOUTH AVE. TO I-680 NB (RAMP B)
- I-680 NB TO SOUTH AVE. (RAMP D)
- POWERSDALE AVE. TO I-680 NB (RAMP F)

1. CROSS ONE NB I-680 LANE OVER TO THE SB I-680 PAVEMENT WHILE MAINTAINING THE OTHER NB I-680 LANE ON THE NB I-680 PAVEMENT.

2. CONSTRUCT THE OUTSIDE LANE(S) OF THE I-680 NB AND ALL NB ENTRANCE/EXIT RAMPS BETWEEN U.S. 62 AND THE END OF THE PROJECT. CONSTRUCT ALL PROPOSED PAVEMENT UP THROUGH THE INTERMEDIATE COURSE.

PHASE 2B

SOUTHBOUND RAMPS CLOSED:
- U.S. 62 WB/S.R. 7 SB TO I-680 SB (RAMP SB)
- I-680 SB TO SOUTH AVE. (RAMP A)
- SOUTH AVE. TO I-680 SB (RAMP C)

1. CROSS ONE SB I-680 LANE OVER TO THE NB I-680 PAVEMENT WHILE MAINTAINING THE OTHER SB I-680 LANE ON THE SB I-680 PAVEMENT.

2. CONSTRUCT THE OUTSIDE LANE(S) OF THE I-680 SB PAVEMENT BETWEEN U.S. 62 AND THE END OF THE PROJECT. CONSTRUCT ALL PROPOSED PAVEMENT UP THROUGH THE INTERMEDIATE COURSE.

PHASE 2C

1. SHIFT I-680 NB AND I-680 SB LANES TO THE OUTSIDE AND CONSTRUCT THE INSIDE LANES AND MEDIAN BARRIER FOR I-680. CONSTRUCT ALL PROPOSED PAVEMENT UP THROUGH THE INTERMEDIATE COURSE.

2. REBUILD THE MEDIAN BARRIER AT THE Crossover LOCATIONS.

PHASE 3 (NO SHEETS PROVIDED)

CONSTRUCT THE FINAL SURFACE COURSE, INCLUDING MILL AND OVERLAY FOR ALL THE RAMPS, FOR THE ENTIRE PROJECT AND INSTALL ALL FINAL PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES UTILIZING ALLOWABLE LANE CLOSURES IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE SCHEDULE (PLCS).

DRUM REQUIREMENTS

IN ADDITION TO THE REQUIREMENTS OF THE PLANS, SPECIFICATION AND PROPOSAL, DRUMS FURNISHED BY THE CONTRACTOR SHALL BE NEW AND UNUSED AT THE TIME OF ARRIVAL ON THE PROJECT. ANY DRUMS BROUGHT ON THE PROJECT, WHICH HAVE PREVIOUSLY BEEN USED ELSEWHERE, WILL NOT BE ACCEPTED.

PAYMENT FOR DRUMS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED.

METHOD OF PAYMENT

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.

POST PHASE 2C PAVEMENT MARKINGS

THE CONTRACTOR SHALL INSTALL WORK ZONE PAVEMENT MARKINGS TO PUT TRAFFIC INTO ITS FINAL CONFIGURATION THROUGH THE LIMITS OF PHASE 2C CONSTRUCTION AND MEET EXISTING PAVEMENT MARKINGS ON EACH END.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE BETWEEN BETWEEN PHASE 2C AND PHASE 3:

ITEM 614 - WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	5.77 MILES
ITEM 614 - WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	4.16 MILES
ITEM 614 - WORK ZONE CHANNELIZING LINE, CLASS I	
12", 807 PAINT	3,312 FT
ITEM 614 - WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	3,712 FT

PHASE 3 PAVEMENT MARKINGS

THE CONTRACTOR SHALL INSTALL WORK ZONE PAVEMENT MARKINGS FOR USE WHEN INSTALLING THE SURFACE COURSE UNTIL THE FINAL GROOVED WET REFLECTIVE PAVEMENT MARKINGS CAN BE INSTALLED.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE DURING PHASE 3:

ITEM 614 - WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	11.15 MILES
ITEM 614 - WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	21.77 MILES
ITEM 614 - WORK ZONE CHANNELIZING LINE, CLASS III	
12", 642 PAINT	14,943 FT
ITEM 614 - WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT	8,908 FT
ITEM 614 - WORK ZONE STOP LINE, CLASS III, 642 PAINT	178 FT

DUST CONTROL

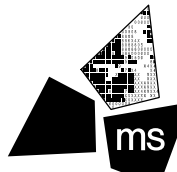
THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616 - WATER	160 M. GAL.
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01-30-2026, ADDED WORK ZONE PAVEMENT MARKING QUANTITIES

DESIGN AGENCY



ms consultants, inc.

DESIGNER

KJF

REVIEWER

KWR 06/02/25

PROJECT ID

121474

SHEET

P.53

TOTAL

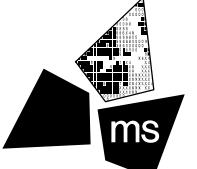
655

[illegible]

SHEET NUMBER																	PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.46	P.52	P.53	P.54	P.55	P.56	P.57	P.58	P.74	P.438								01/IMS		EXT	TOTAL			
																						TRAFFIC CONTROL (CONT.)	
									30								30	850	10010	30	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
									8,201								8,201	850	10110	8,201	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
									14,471								14,471	850	10130	14,471	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)	
									3								3	850	20010	3	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)	
									707								707	850	20110	707	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)	
									472								472	850	20130	472	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE)	
																						STRUCTURE OVER 20 FOOT SPAN (MAH-680-04.886)	P.491
																						MAINTENANCE OF TRAFFIC	
						550											550	614	11110	550	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
						1,933		14,186									16,119	614	11630	16,119	FT	INCREASED BARRIER DELINEATION	
								30									30	614	12380	30	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
	LS			75													LS	614	12420	LS		DETOUR SIGNING	
																	75	614	12484	75	EACH	WORK ZONE INCREASED PENALTIES SIGN	
			50														50	614	12500	50	EACH	REPLACEMENT SIGN	
			100														100	614	12600	100	EACH	REPLACEMENT DRUM	
				1													1	614	12756	1	EACH	WORK ZONE CROSSOVER LIGHTING SYSTEM	
								10,257									10,257	614	12801	10,257	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN	P.56
	500																500	614	13000	500	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
						1,123		5,600									6,723	614	13310	6,723	EACH	BARRIER REFLECTOR, TYPE 1, ONE-WAY	
						292											292	614	13312	292	EACH	BARRIER REFLECTOR, TYPE 2, ONE-WAY	
						570		1,503									2,073	614	13350	2,073	EACH	OBJECT MARKER, ONE WAY	
								705									705	614	13360	705	EACH	OBJECT MARKER, TWO WAY	
							50,000										50,000	614	18000	50,000	EACH	MAINTAINING TRAFFIC, MISC.: BRIDGE DECK AND PAVEMENT PATCHING	P.58
							50,000										50,000	614	18000	50,000	EACH	MAINTAINING TRAFFIC, MISC.: SAFETY REPAIRS	P.58
				72													72	614	18601	72	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.56
		5.77						7.99									13.76	614	20056	13.76	MILE	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	
								6.37									6.37	614	20366	6.37	MILE	WORK ZONE LANE LINE, CLASS I, 6", 648	
		11.15															11.15	614	20560	11.15	MILE	WORK ZONE LANE LINE, CLASS II, 6", 642 PAINT	
		4.16						34.83									38.99	614	22056	38.99	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	
								13.92									13.92	614	22336	13.92	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 648	
		21.77															21.77	614	22360	21.77	MILE	WORK ZONE EDGE LINE, CLASS II, 6", 642 PAINT	
		3,312					45,803										49,115	614	23110	49,115	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT	
							10,702										10,702	614	23150	10,702	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 648	
		14,943															14,943	614	23690	14,943	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	
		3,712						10,322									14,034	614	24102	14,034	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	
								5,859									5,859	614	24142	5,859	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 648	
		8,908															8,908	614	24612	8,908	FT	WORK ZONE DOTTED LINE, CLASS II, 6", 642 PAINT	
							123										106	614	25120	123	FT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 648	
							106										106	614	26120	106	FT	WORK ZONE STOP LINE, CLASS I, 648	
		178															178	614	26610	178	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
								203									203	614	27010	203	FT	WORK ZONE CROSSWALK LINE, CLASS I, 12"	
								12									12	614	30120	12	EACH	WORK ZONE ARROW, CLASS I, 648	
								9									9	614	30121	9	EACH	WORK ZONE ARROW, CLASS I, 648, AS PER PLAN	P.54
						LS											LS	615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	
							8,557										8,557	615	20001	8,557	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	P.57
							1,000										1,000	615	25001	1,000	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN, TYPE 1	P.58
							1,000										1,000	615	25001	1,000	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN, TYPE 2	P.58
							1,000										1,000	615	25001	1,000	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN, TYPE 3	P.58
							1,000										1,000	615	25001	1,000	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN, TYPE 4	P.58
		160															160	616	10000	160	MGAL	WATER	
								17,590									17,590	622	41011	17,590	FT	PORTABLE BARRIER, 50", AS PER PLAN, A	P.54
								1,053									1,053	622	41011	1,053	FT	PORTABLE BARRIER, 50", AS PER PLAN, B	P.54
								36,883									36,883	622	41100	36,883	FT	PORTABLE BARRIER, UNANCHORED	
																	36	808	18700	36	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	
																						INCIDENTALS	
																	LS	108	10000	LS		CPM PROGRESS SCHEDULE	
																	LS	614	11000	LS		MAINTAINING TRAFFIC	
28																	28	619	16021	28	MNTH	FIELD OFFICE, TYPE C, AS PER PLAN	P.46
																	LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
																	LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



ms consultants, inc.

DESIGNER

MSN

REVIEWER

CMN 08/29/25

PROJECT ID

121474

SHEET

P.161A

TOTAL

655

R7 2-2-26
WA-1-03 ADDED TO
SUB-SUMMARY

REF NO.	SHEET NO.	STATION	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625
			CONNECTION, FUSED PULL APART	CONNECTION, UNFUSED PULL APART	CONNECTION, UNFUSED BOLTED	CONNECTION, UNFUSED PERMANENT	LIGHT POLE, LOW MAST, 50'	LIGHT TOWER, BBB100	LIGHT POLE FOUNDATION, 24" X 10' DEEP	MEDIAN LIGHT POLE FOUNDATION, 10' DEEP	LIGHT TOWER FOUNDATION, 36" X 25' DEEP	NO. 10 AWG POLE AND BRACKET CABLE	LUMINAIRE, HIGH MAST, SOLID STATE (LED), 447-480W, TYPE V, 69K-72K LUMENS	LUMINAIRE, LOW MAST, SOLID STATE (LED), 330-381W, TYPE III, 40K-45K LUMENS	LUMINAIRE, LOW MAST, SOLID STATE (LED), 308-330W, TYPE V, 49K-51K LUMENS	JUNCTION BOX	MEDIAN JUNCTION BOX	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	GROUND ROD	POWER SERVICE, AS PER PLAN	CONTROL CENTER CABINET, COMPLETE	PULL BOX CLEANED
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
EX-PB-1	475	8+43.07																					1
EX-PB-2	475	8+44.47																					1
PB-GW-01	475	951+77.10																					1
GW-1-01	475	952+57.47	0	0			0		0		0		0			0			0				
GW-1-02	475	955+24.51	0	0			0		0		0		0			0			0				
GW-1-03	475	957+84.62	0	0			0		0		0		0			0			0				
GW-1-04	475	959+79.27	2	1			1		1		180		1			1			1				
PB-GW-02	475	961+81.76			3	3										1							
GW-1-05	475	961+74.82	2	1			1		1		180		1			1			1				
PB-GW-03	475	961+83.11															1						
GW-1-06	476	964+73.40	2	1			1		1		180		1					1	1				
PB-GW-04	476	966+96.16			3										1								
GW-1-07	476	967+72.59	2	1			1		1		180		1			1							
PB-GW-05	476	969+74.47				3													1				
PB-GW-06	476	969+74.99			3												1						
PB-GW-07	476	969+75.15															1						
CC-GW	476	969+93.66																		1	1		
GW-2-01	476	970+73.68	2	1			1		1		180		1			1				1			
GW-2-02	476	973+50.59	2	1			1		1		180		1			1				1			
PB-GW-08	476	947+45.47			3	3											1						
PB-GW-09	476	2+12.93				3												1					
GW-2-04	476	1+79.39	2	1			1		1		180		1					1		1			
GW-2-03	476	976+28.30	2	1			1		1		180			1						1			
GW-2-05	476	978+83.39	2	1			1		1		180			1						1			
GW-2-06	476	981+90.21	2	1			1		1		180			1						1			
PB-GW-10	476	983+41.34			3	3											1						
PB-GW-11	476	7+89.65				3												1					
GW-2-07	476	11+21.59	2	1			1		1		180		1							1			
PB-GW-12	476	13+91.66				3												1					
GW-2-08	476	15+37.52	2	1			1		1		180		1							1			
PB-GW-13	476	3+42.57				3												1					
GW-2-09	476	4+80.18	2	1			1		1		180		1							1			
GW-2-10	476	7+84.52	2	1			1		1		180			1						1			
GW-2-11	476	10+83.01	2	1			1		1		180			1						1			
GW-2-12	476	984+20.17	2	1			1		1		180				1					1			
GW-2-13	476	986+19.89	2	1			1		1		180				1					1			
GW-2-14	476	988+29.96	2	1			1		1		180				1					1			
GW-2-15	476	990+37.10	2	1			1		1		180				1					1			
WA-1-01	476	14+87.12	2	1			1		1		180		1							1			
PB-WA-01	477	12+87.32				3												1					
WA-1-02	477	11+27.52	2	1			1		1		180		1							1			
PB-WA-02	477	992+86.51			3												1						
WA-1-03	477	992+42.52	2	1			1		1		180			1						1			
WA-1-04	477	994+69.77	2	1			1		1		180			1						1			
WA-1-05	477	997+02.47	2	1			1		1		180				1					1			
WA-1-06	477	999+50.30	2	1			1		1		180				1					1			
WA-1-07	477	1002+06.20	2	1			1		1		180				1					1			
WA-1-08	477	1004+77.15	2	1			1		1		180				1					1			
WA-1-09	477	1007+31.94	2	1			1		1		180				1					1			
WA-1-10	477	1009+92.28	2	1			1		1		180				1					1			
WA-1-11	477	1012+39.76	2	1			1		1		180				1					1			
WA-1-12	477	1014+63.58	2	1			1		1		180				1					1			
WA-1-13	477	1016+62.79	2	1			1		1		180				1					1			
WA-1-14	477	1018+61.49	2	1			1		1		180				1					1			
WA-1-15	478	1021+06.78	2	1			1		1		180				1					1			
PB-WA-03	478	1023+86.04			3	3											1						
PB-WA-04	478	1023+86.04																	1				
CC-WA	478	10+44.03																			1	1	
PB-WA-05	478	1023+84.35				3												1					
WA-2-12	478	1024+41.17						1					3										
PB-WA-06	478	1026+90.91			3													1					
TOTALS CARRIED TO GENERAL SUMMARY			68	34	24	33	34	1	10	24	1	6120	3	10	24	1	6	9	2	40	2	2	3