8607

Contract Plans

For Construction of:

I-5 MP 132.84 TO MP 134.41

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PIERCE COUNTY

A STATE PROJECT

VOLUME 10 OF 10

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1742	DU18	I-5 SB OFF-RAMP TO I-705 NB DETOUR
1743	DU19	I-5 SB OFF RAMPS TO BOTH SR 7 SB AND I-705 NB DETOUR
1744	DU20	I-5 SB ON-RAMP FOR SR 7 NB DETOUR
1745	DU21	I-5 SB ON-RAMP FROM I-705 SB DETOUR
1746	DU22	I-5 SB ON-RAMP FROM PACIFIC AVE DETOUR
1747	DU23	I-5 SB ON-RAMPS FROM SR 7 NB, I-705 SB AND PACIFIC AVE DETOUR
1748	DU24	I-5 SB OFF-RAMPS TO BOTH S 38TH ST AND SR 16 WB DETOUR
		MISCELLANEOUS DETOURS
1749	DU25	SR 7 NB RAMP TO I-705 NB DETOUR
1750	DU26	SR 7/S 38TH ST ON-RAMP TO SR 7 NB DETOUR
1751	DU27	I-705 SB RAMP TO SR 7 NB DETOUR
1752	DU28	I-705 TO I-5 NB AND SR 7 SB DETOUR A ST ON-RAMP CLOSED
1753	DU29	A ST CITY ST DETOUR
		STAGE 2 & 4
1754	DU30	NB I-5 COMPLETE CLOSURE McKINLEY GIRDER DEMOLITION AND PLACEMENT ONLY
		CITY OF TACOMA LONG TERM DETOUR
1755	DU31	PACIFIC AVE AND A ST CITY STREET DETOUR - LONG TERM
1756	DU32	STAGE 3A I-5 SB OFF-RAMP TO E 26TH ST
1757	DU33	STAGE 3B I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR

INDEX (CONTINUED)

SHEET NO.	PLAN REFERENCE NO.	TITLE
		PACIFIC AVE AND McKINLEY WAY/E D ST DETOURS
1758	DU34	PACIFIC AVE CLOSURE AND DETOUR
1759	DU35	PACIFIC AVE CLOSURE AND DETOUR
1760	DU36	McKINLEY WAY/ E D ST CLOSURE AND DETOUR
1761	DU37	McKINLEY WAY/ E D ST CLOSURE AND DETOUR
		PEDESTRIAN DETOURS
1762	DU38	PACIFIC AVE PEDESTRIAN DETOUR
1763	DU39	McKINLEY WAY/ E D ST PEDESTRIAN DETOUR

PLAN REFERENCE NO.

SHEET OF SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Typical & Other Sheets\P3497_SH_IND4.dgn
TIME	9:37:44 AM
DATE	2/14/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

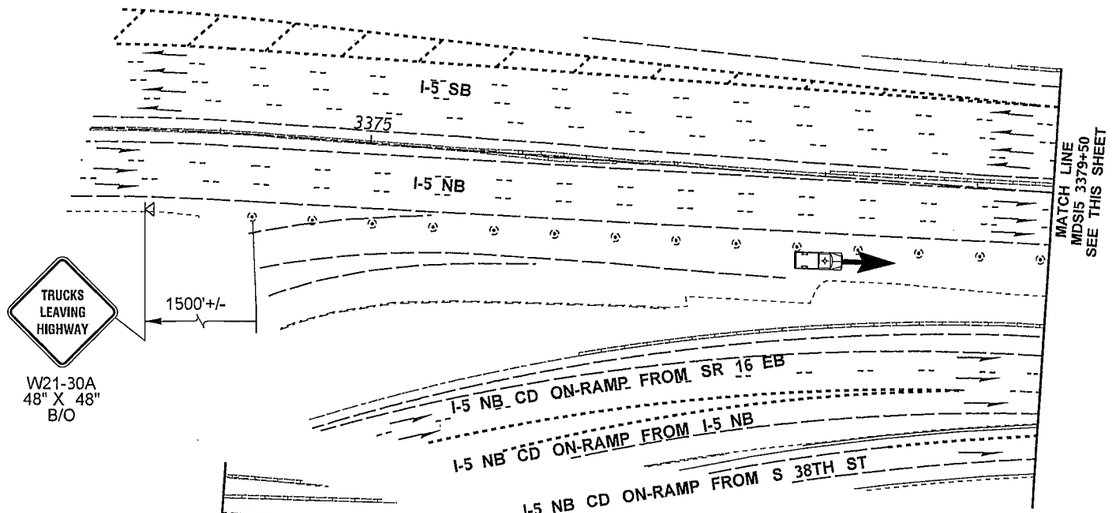
TRAFFIC CONTROL INDEX

PLAN REF NO TCIN4

SHEET 1564 OF 1763 SHEETS

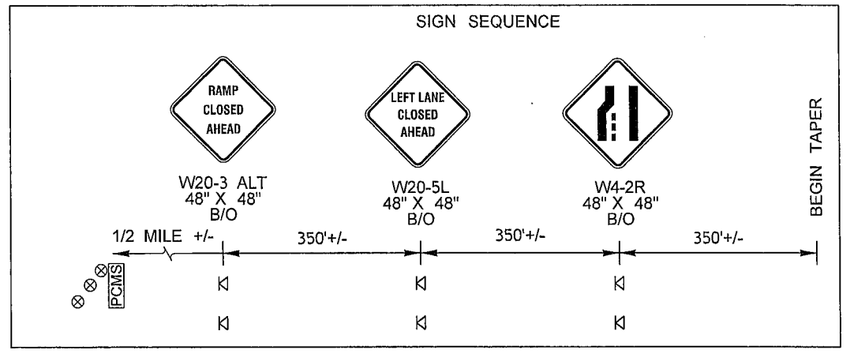
STAGE 1A

I-5 NB CD TO I-5 NB MAINLINE CLOSED

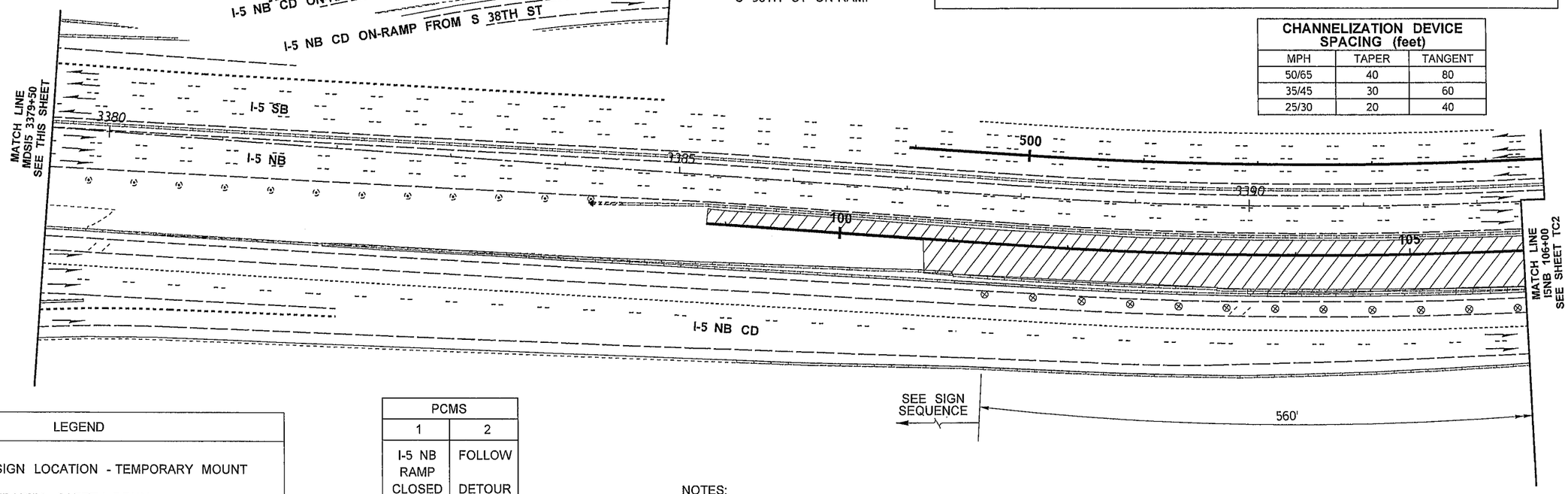


PCMS	
1	2
LEFT LANE CLOSED	DETOUR FOR I-5 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB
SR 16 EB
S 38TH ST ON-RAMP



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
I-5 NB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE S 38TH ST
WB 200' FROM ON RAMP
EB 1100' FROM ON RAMP

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
▨	WORK AREA
←	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE ONLY I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6 OR DU10.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_001.dgn
TIME	12:40:46 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

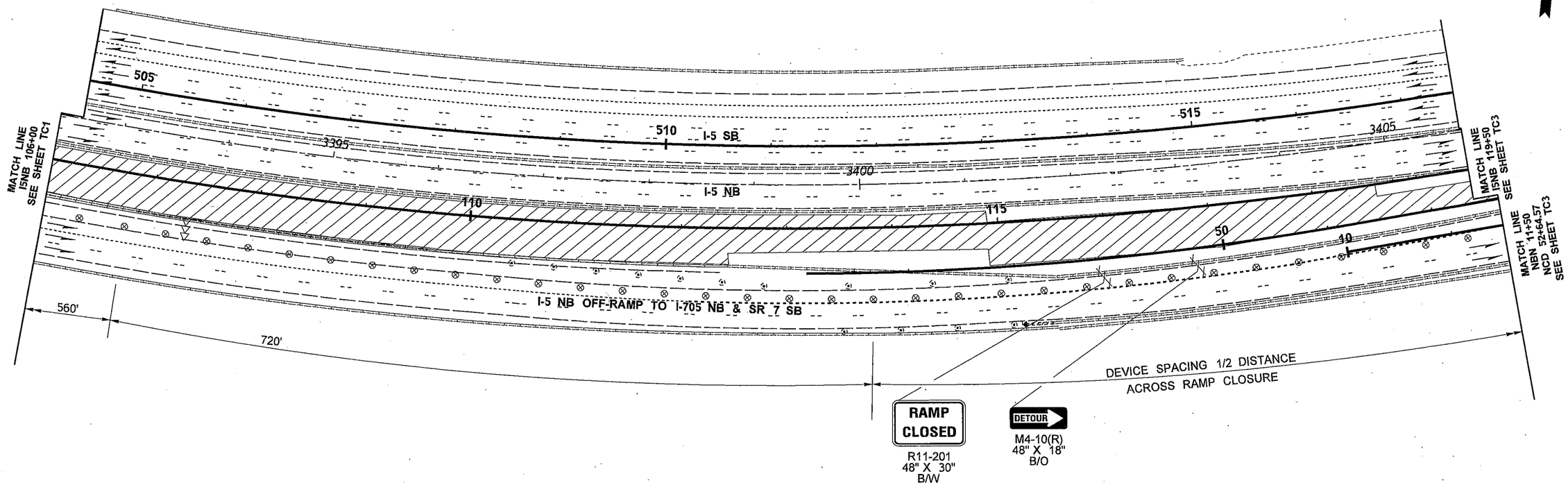
PLAN REF NO TC1

SHEET 1565 OF 1763 SHEETS

STAGE 1A

I-5 NB CD TO I-5 NB MAINLINE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
\\\	TYPE 3 BARRICADE
▨	WORK AREA

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE ONLY I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6 OR DU10.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_002.dgn
TIME	12:32:03 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

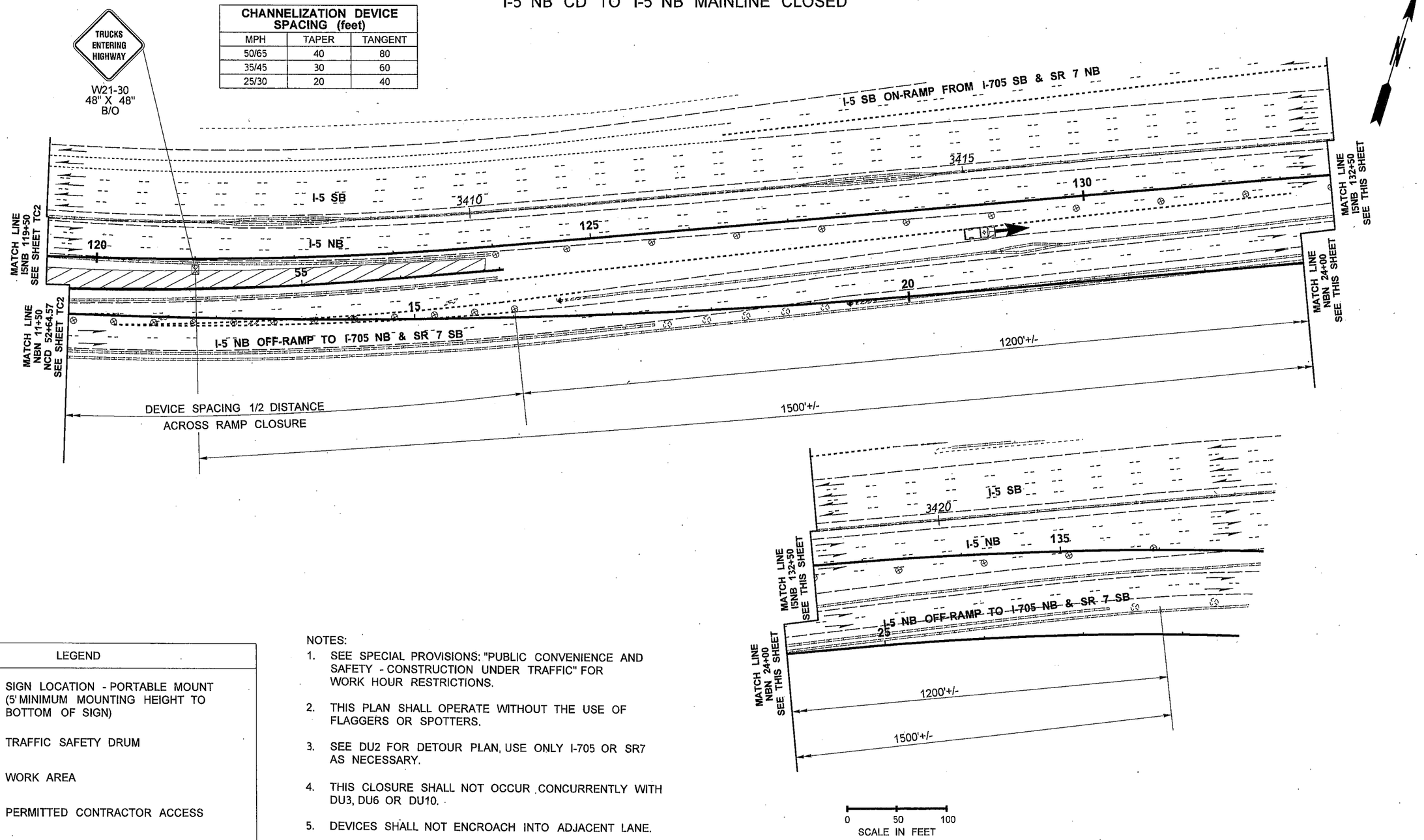
PLAN REF NO TC2

SHEET 1566 OF 1763 SHEETS

STAGE 1A

I-5 NB CD TO I-5 NB MAINLINE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
▨	WORK AREA
←	PERMITTED CONTRACTOR ACCESS

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE ONLY I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6 OR DU10.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

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TIME	12:32:13 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

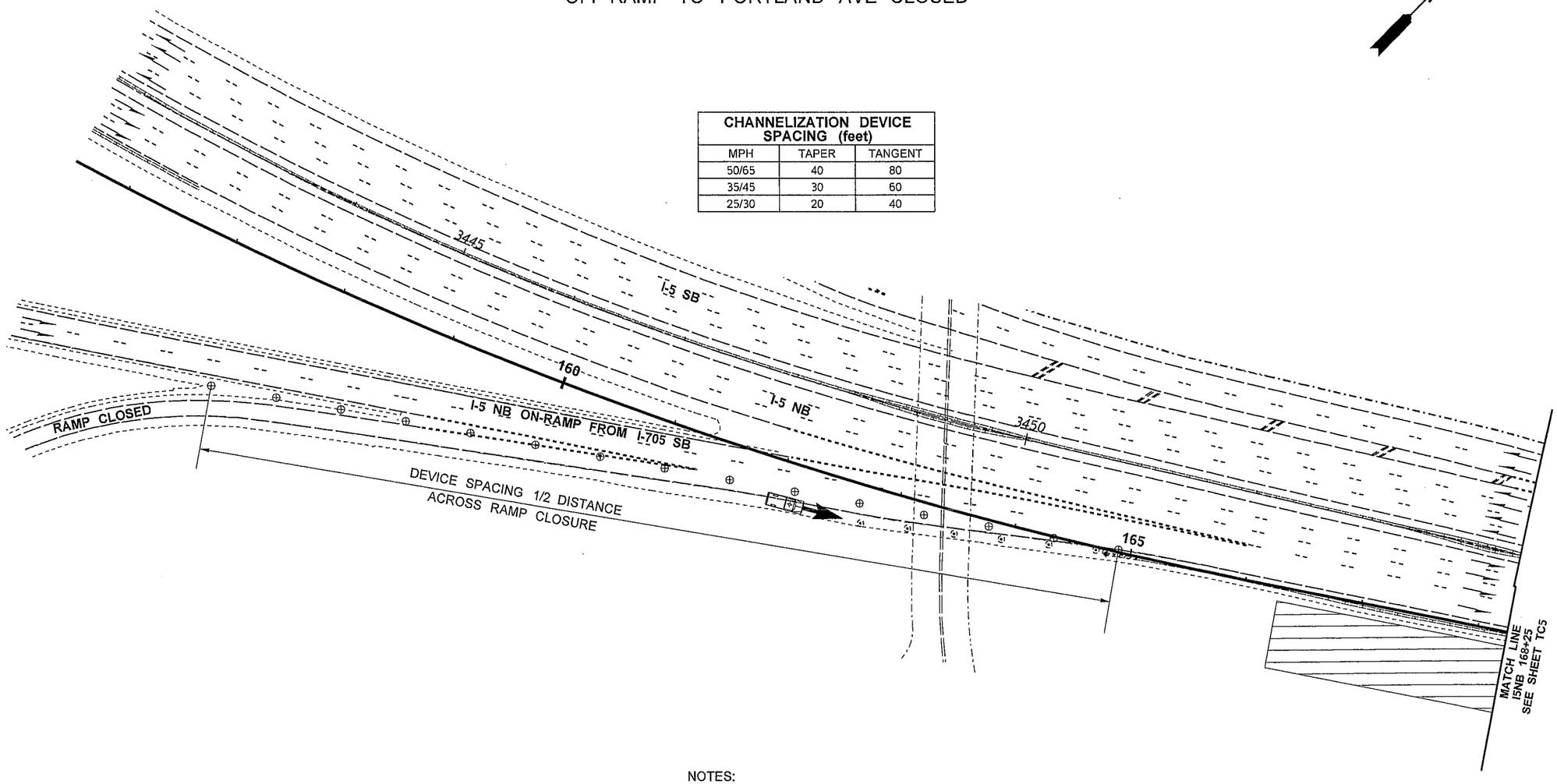
PLAN REF NO TC3

SHEET 1567 OF 1763 SHEETS

STAGE 1A

I-5 NB RIGHT LANE CLOSURE
ON-RAMP FROM SR 7 NB CLOSED
OFF-RAMP TO PORTLAND AVE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC137 FOR CLOSURE.
4. SEE DU8 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU9, DU10, DU13, DU17, DU23, DU25 OR DU33.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

WORK AREA

PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_004.dgn
TIME	12:41:17 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC4

SHEET 1568 OF 1763 SHEETS

STAGE 1A

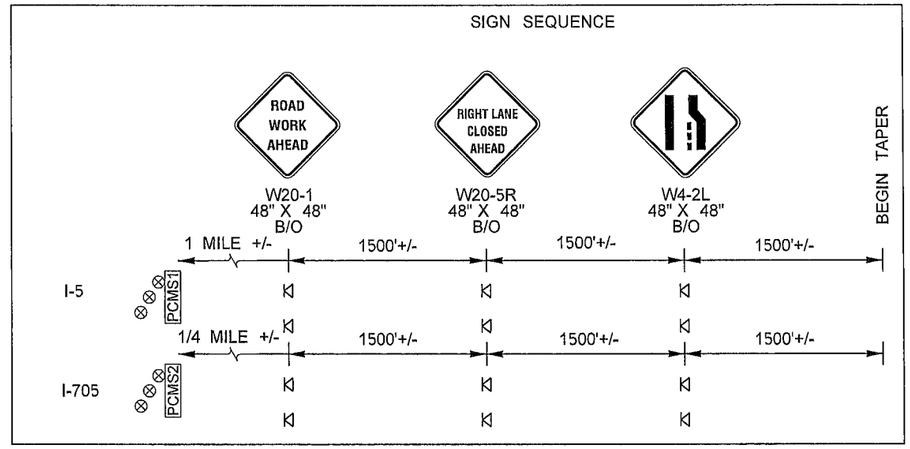
I-5 NB RIGHT LANE CLOSURE
ON-RAMP FROM SR 7 NB CLOSED
OFF-RAMP TO PORTLAND AVE CLOSED

PCMS1	
1	2
RIGHT ADD LANE CLOSED	EXIT 134 PORTLAND CLOSED
2.0 SEC	2.0 SEC

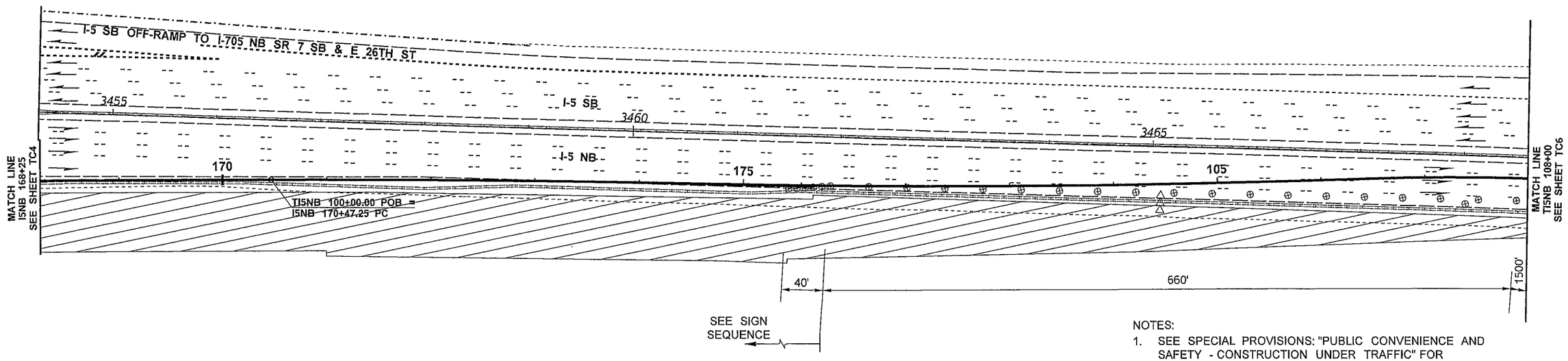
LOCATE AS SHOWN

PCMS2	
1	2
RIGHT LANE CLOSED	NB I-5 EXIT 134 CLOSED
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC137 FOR CLOSURE.
4. SEE DU8 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU9, DU10, DU13, DU17, DU23, DU25 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_005.dgn
TIME	12:41:28 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

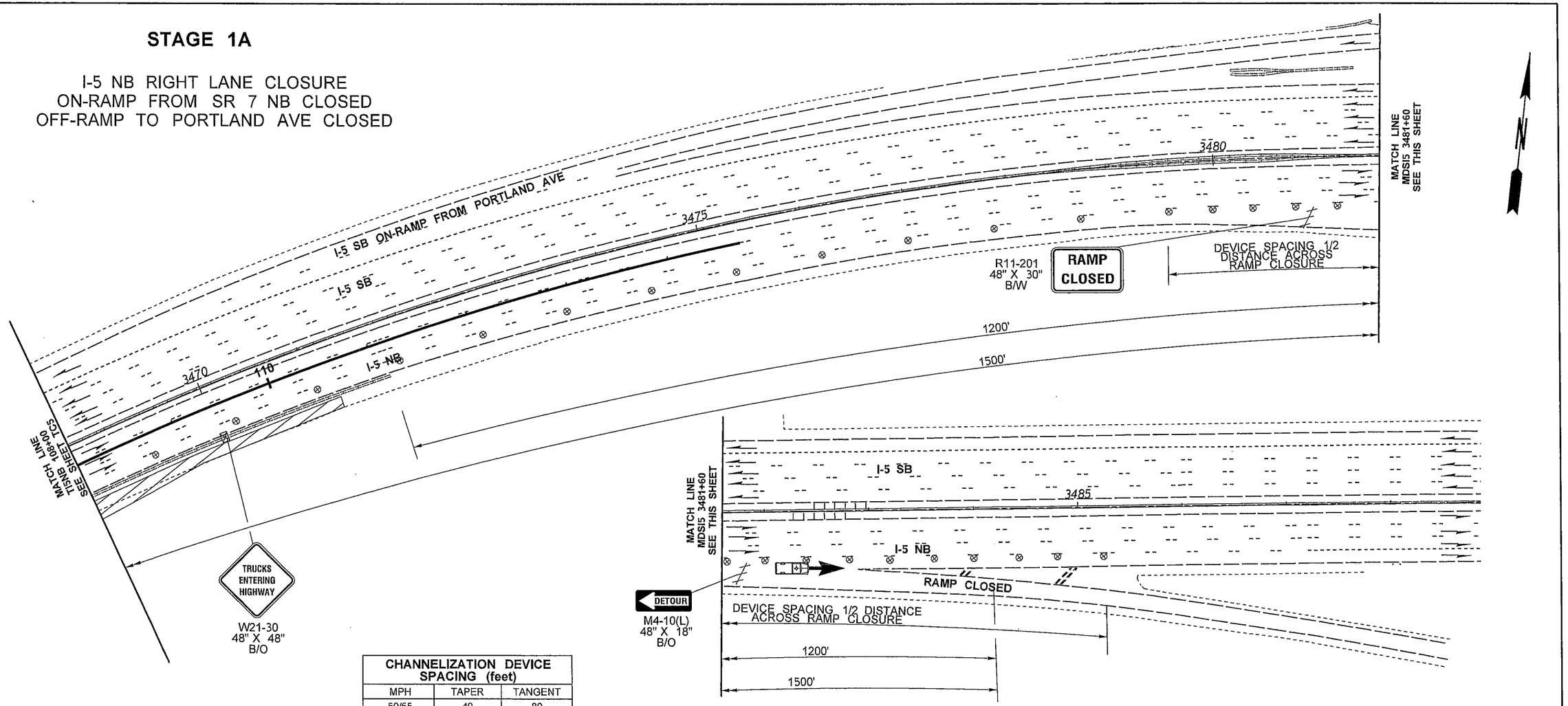
TRAFFIC CONTROL PLAN

PLAN REF NO TC5

SHEET 1569 OF 1763 SHEETS

STAGE 1A

I-5 NB RIGHT LANE CLOSURE
ON-RAMP FROM SR 7 NB CLOSED
OFF-RAMP TO PORTLAND AVE CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

- ⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- ⊗ TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- WORK AREA
- PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC137 FOR CLOSURE.
4. SEE DU8 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU9, DU10, DU13, DU17, DU23, DU25 OR DU33.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_006.dgn
TIME	12:41:39 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

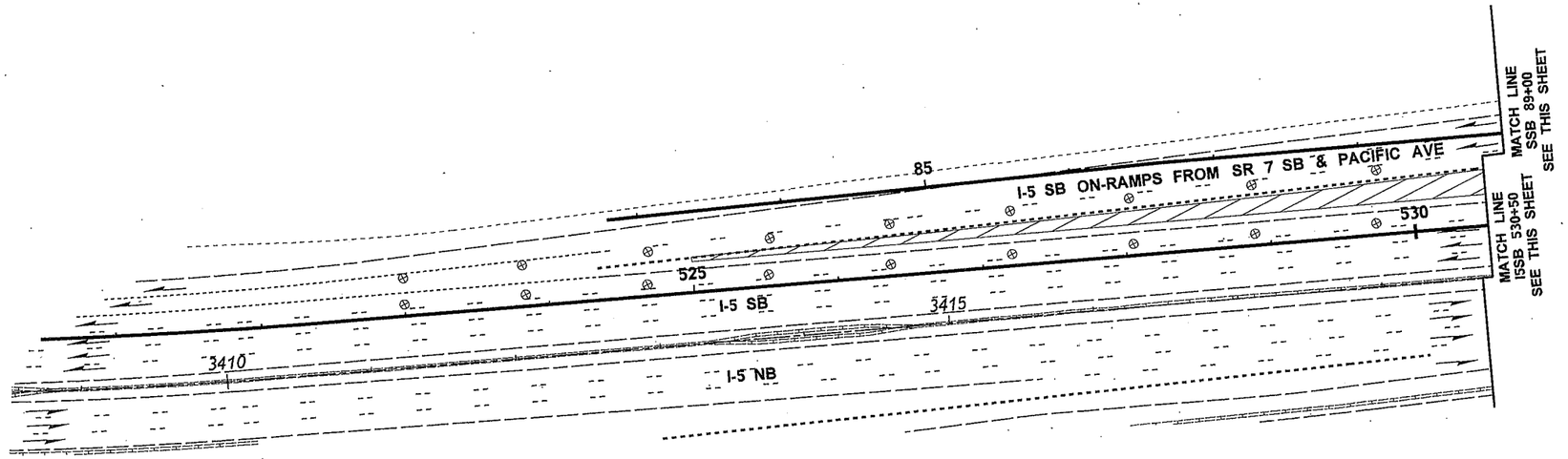
TRAFFIC CONTROL PLAN

PLAN REF NO TC6

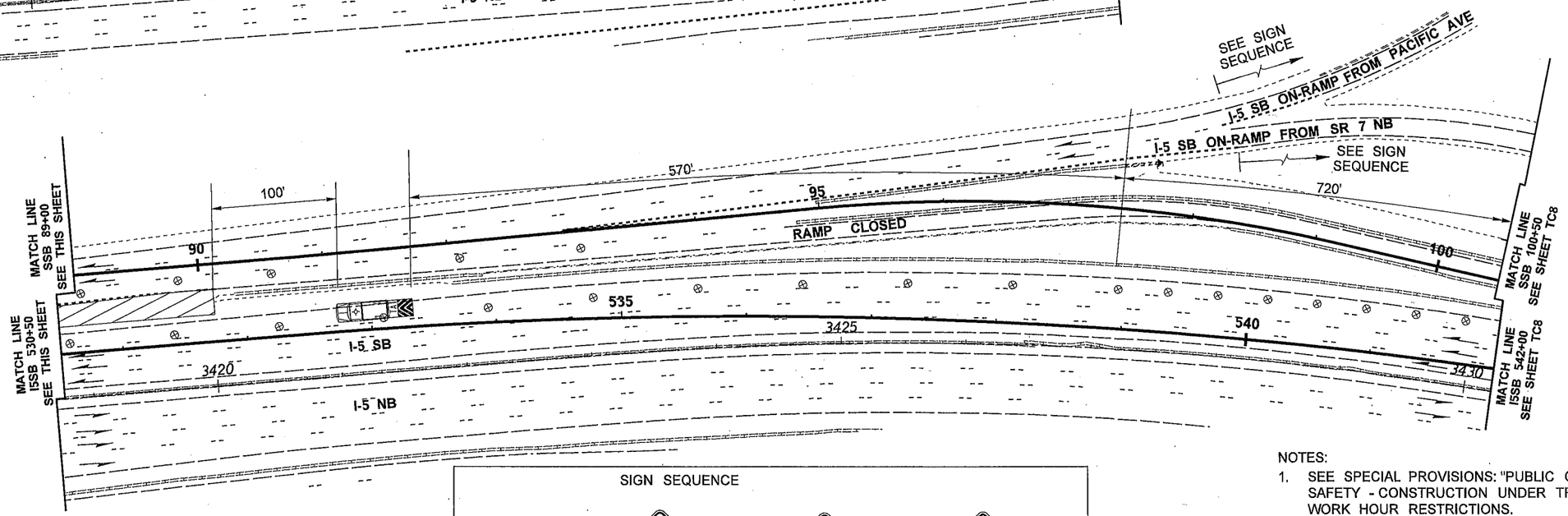
SHEET 1570 OF 1763 SHEETS

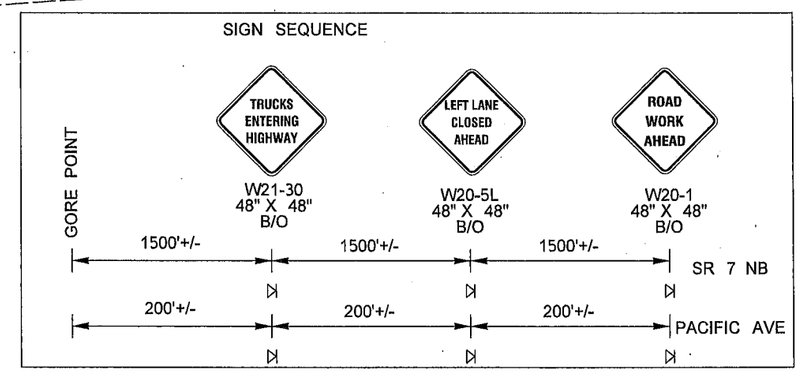
STAGE 1A

I-5 SB RIGHT LANE CLOSURE
ON-RAMP FROM I-705 SB CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU21 FOR DETOUR PLAN.
4. SEE TC141 FOR TRAFFIC CONTROL PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU22, DU23, DU25, DU27 OR DU28.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- TRANSPORTABLE ATTENUATOR
- WORK AREA

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_007.dgn
TIME	12:32:24 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

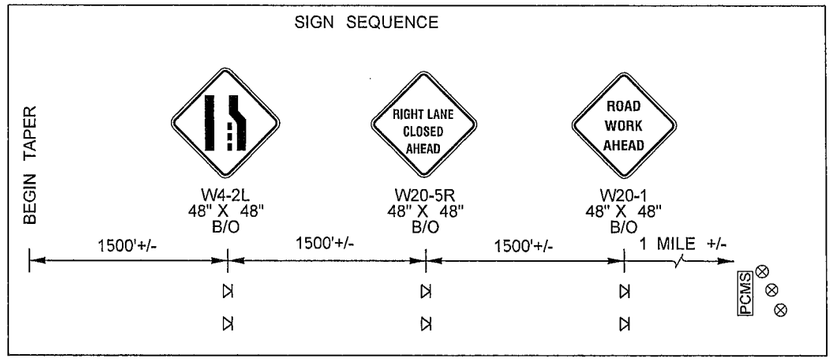
TRAFFIC CONTROL PLAN

PLAN REF NO TC7

SHEET 1571 OF 1763 SHEETS

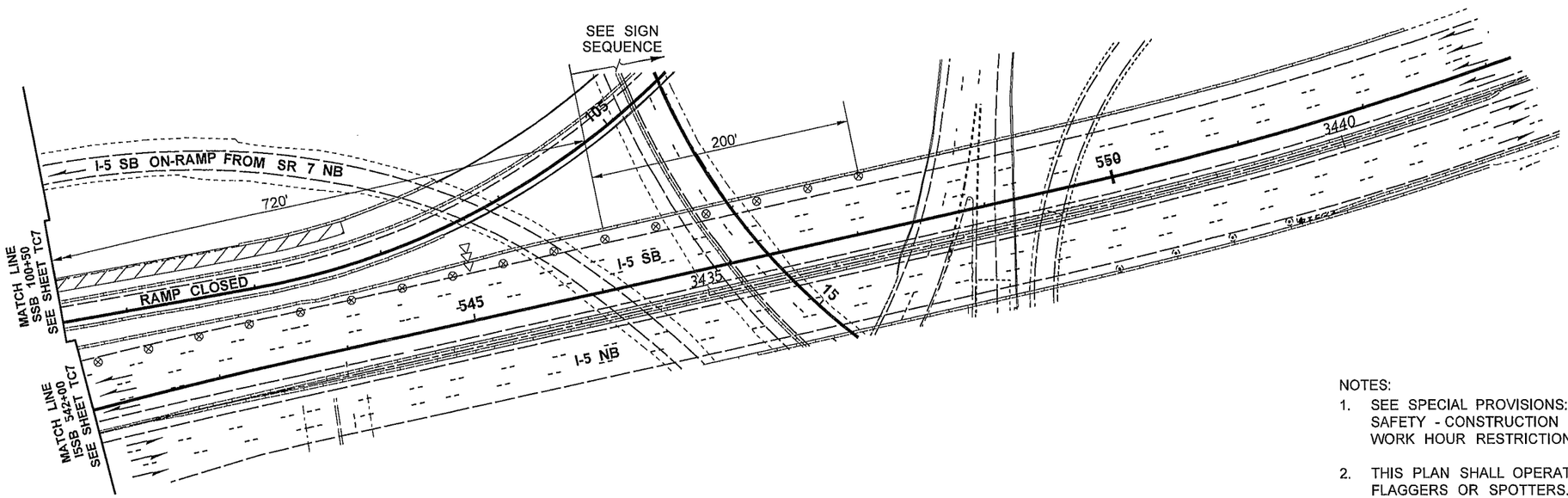
STAGE 1A

I-5 SB RIGHT LANE CLOSURE
ON-RAMP FROM I-705 SB CLOSED



PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU21 FOR DETOUR PLAN.
5. SEE TC141 FOR TRAFFIC CONTROL PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU22, DU23, DU25, DU27 OR DU28.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_008.dgn					
TIME	12:42:01 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014				JOB NUMBER	
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ				CONTRACT NO.	LOCATION NO. XL3497
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

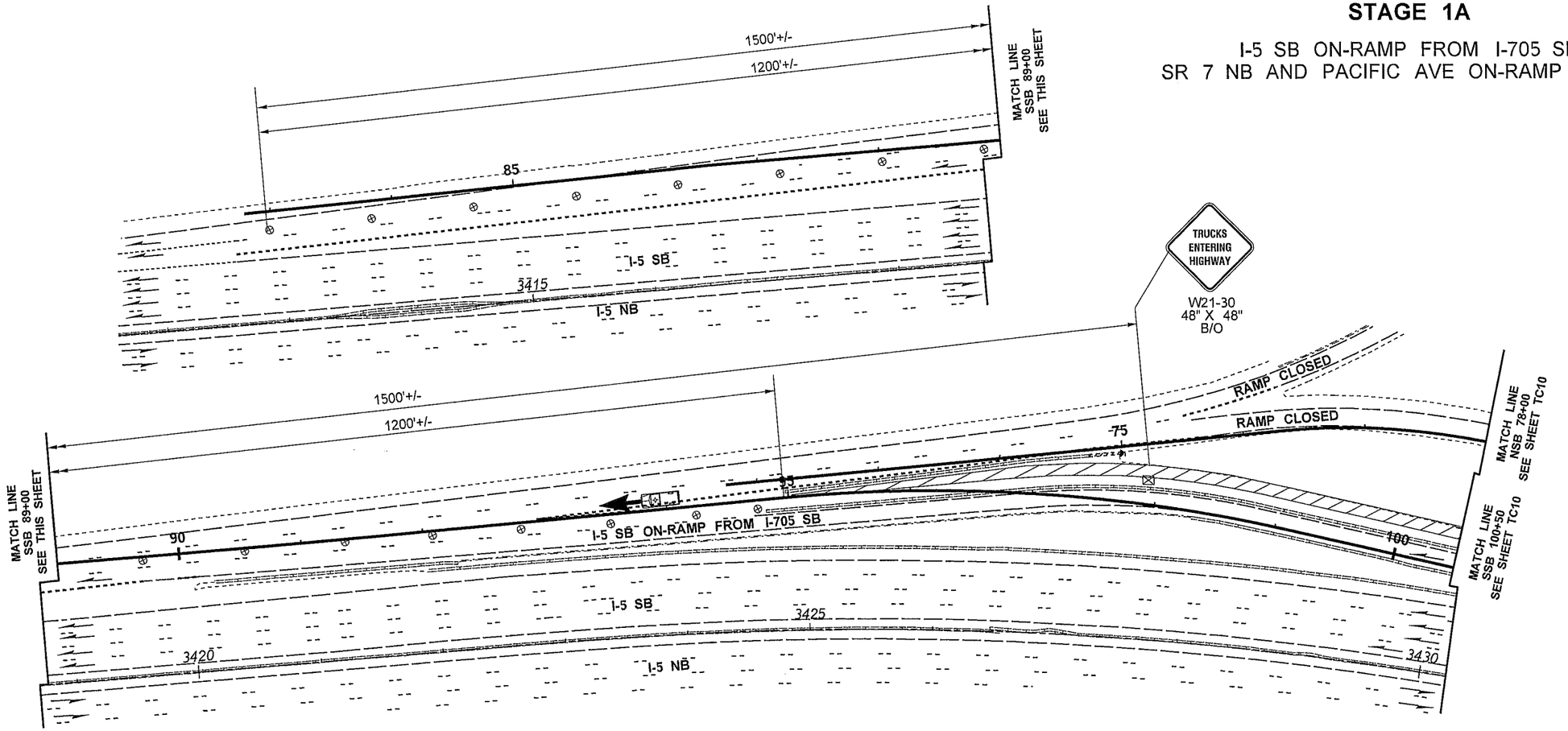
TRAFFIC CONTROL PLAN

PLAN REF NO TC8

SHEET 1572 OF 1763 SHEETS

STAGE 1A

I-5 SB ON-RAMP FROM I-705 SB
SR 7 NB AND PACIFIC AVE ON-RAMP CLOSED



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
	WORK AREA
	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU23 FOR DETOUR PLAN.
4. SEE TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLANS.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU31 OR DU33.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_009.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:42:12 PM						
DATE	2/18/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ						
ENTERED BY	D.WENTZ				CONTRACT NO.		LOCATION NO. XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

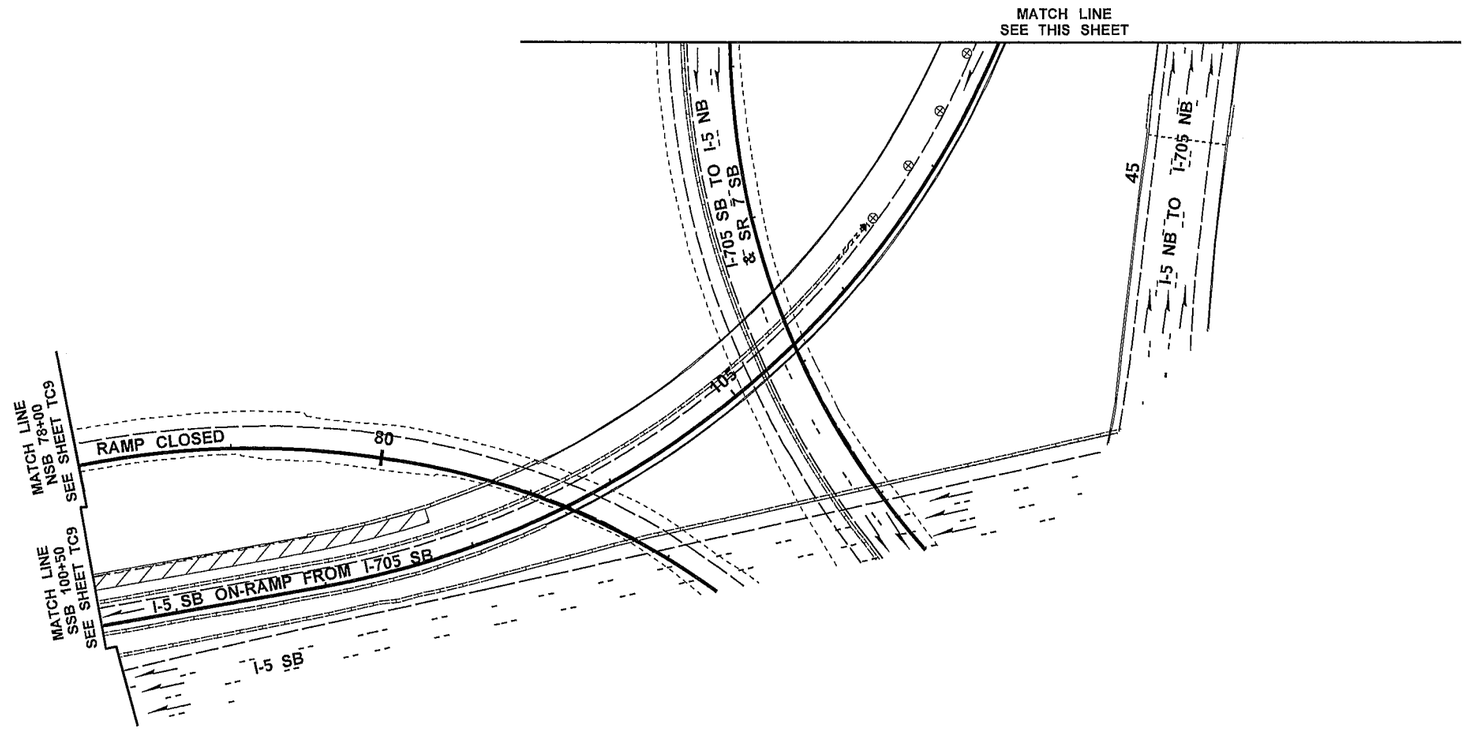
Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

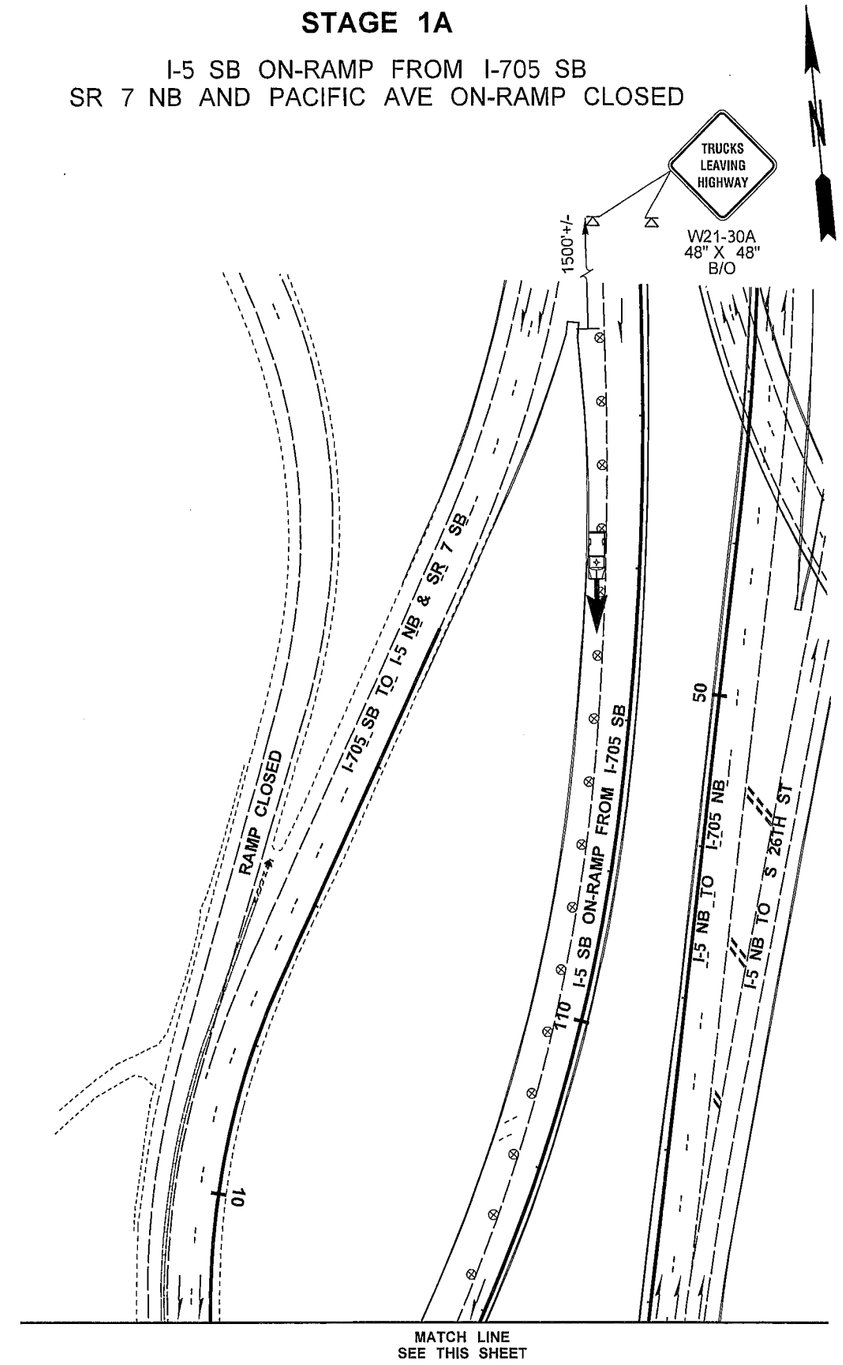
PLAN REF NO
TC9

SHEET
1573
OF
1763
SHEETS



STAGE 1A

I-5 SB ON-RAMP FROM I-705 SB
SR 7 NB AND PACIFIC AVE ON-RAMP CLOSED



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU23 FOR DETOUR PLAN.
4. SEE TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLANS.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU31 OR DU33.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- WORK AREA
- PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_010.dgn
TIME	12:42:23 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D.WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

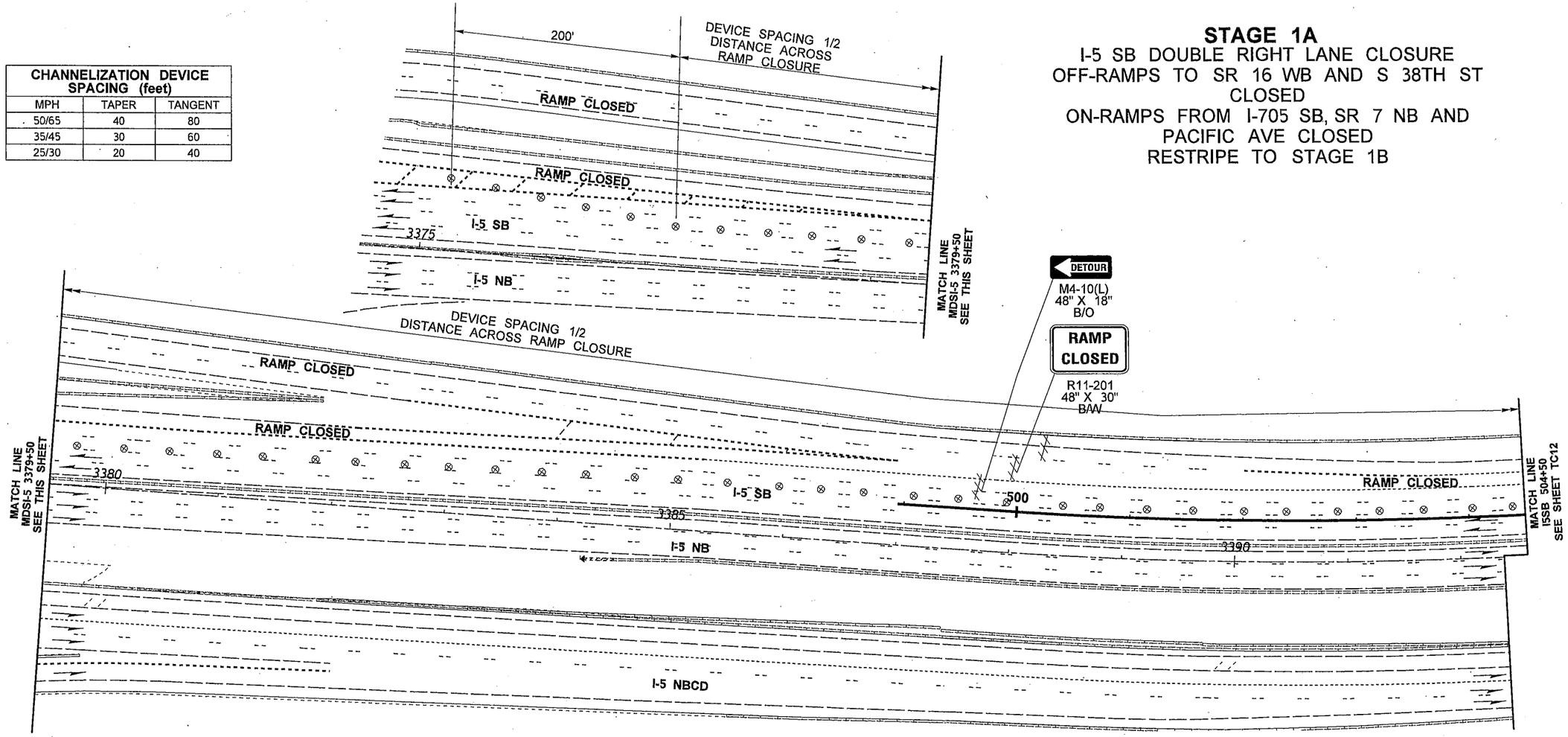
PLAN REF NO TC10

SHEET 1574 OF 1763 SHEETS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

STAGE 1A

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
RESTRIPE TO STAGE 1B



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
\\\\	TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_011.dgn						
TIME	12:32:35 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D.WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

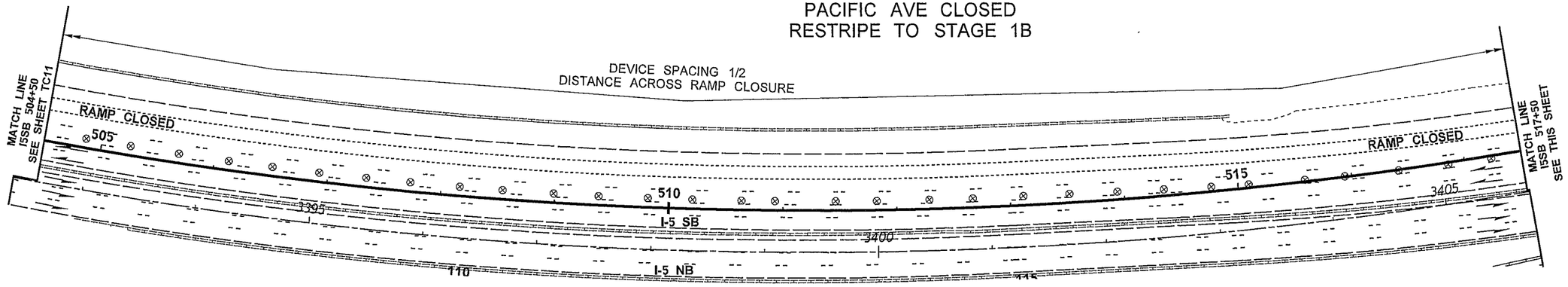
TRAFFIC CONTROL PLAN

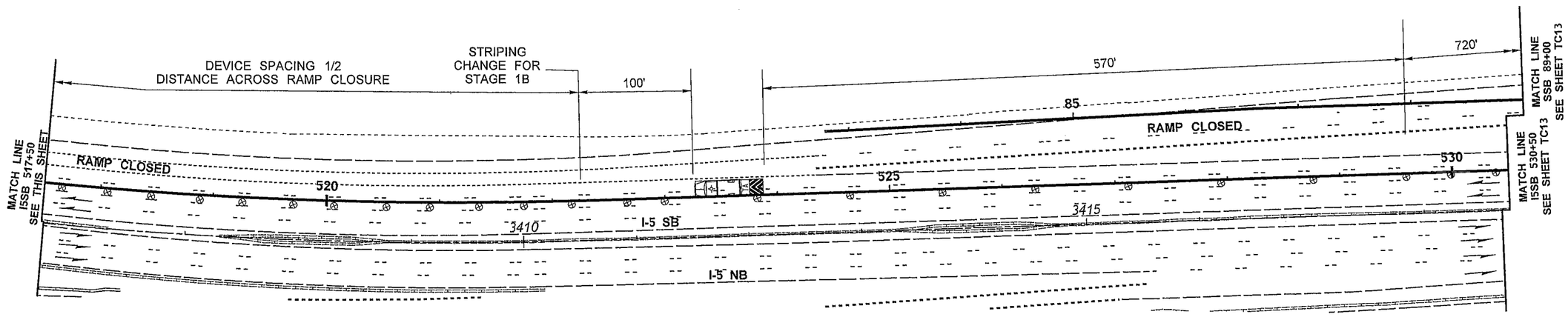
PLAN REF NO TC11

SHEET 1575 OF 1763 SHEETS

STAGE 1A

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST
CLOSED
ON-RAMPS FROM I-705 SB, SR 7 NB AND
PACIFIC AVE CLOSED
RESTRIPE TO STAGE 1B





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⊗	TRAFFIC SAFETY DRUM
	TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_012.dgn
TIME	12:42:45 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D.WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

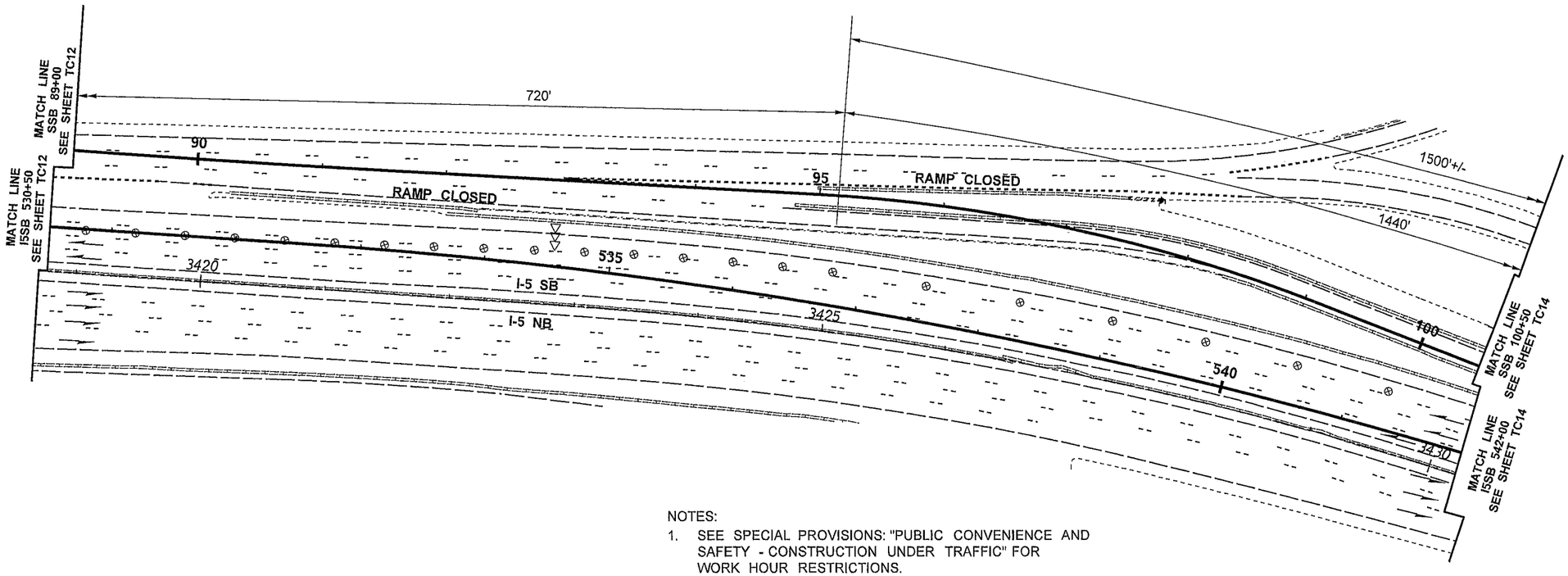
PLAN REF NO
TC12

SHEET
1576
OF
1763
SHEETS

STAGE 1A

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST
CLOSED
ON-RAMPS FROM I-705 SB, SR 7 NB AND
PACIFIC AVE CLOSED
RESTRIPE TO STAGE 1B

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_013.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:42:55 PM				JOB NUMBER		
DATE	2/18/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	D.WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

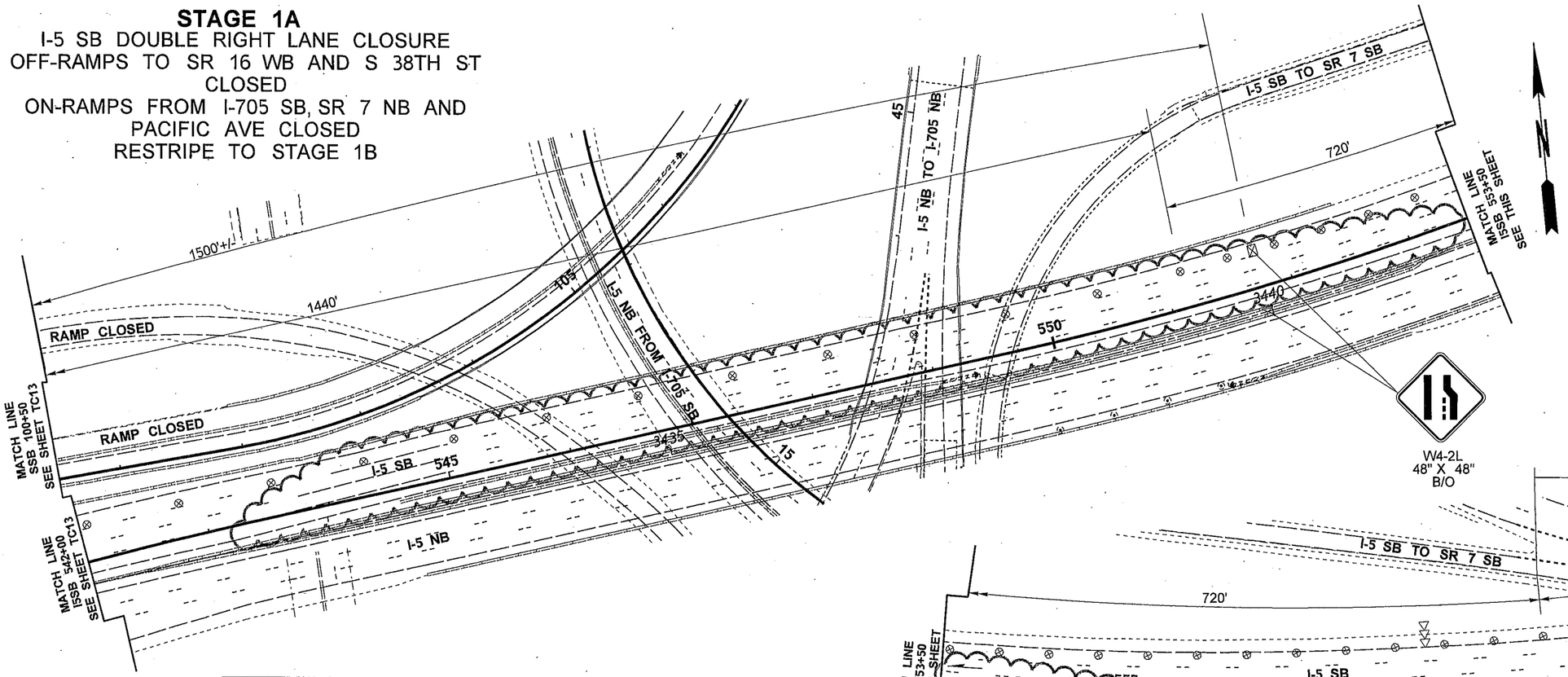
TRAFFIC CONTROL PLAN

PLAN REF NO TC13

SHEET 1577 OF 1763 SHEETS

STAGE 1A

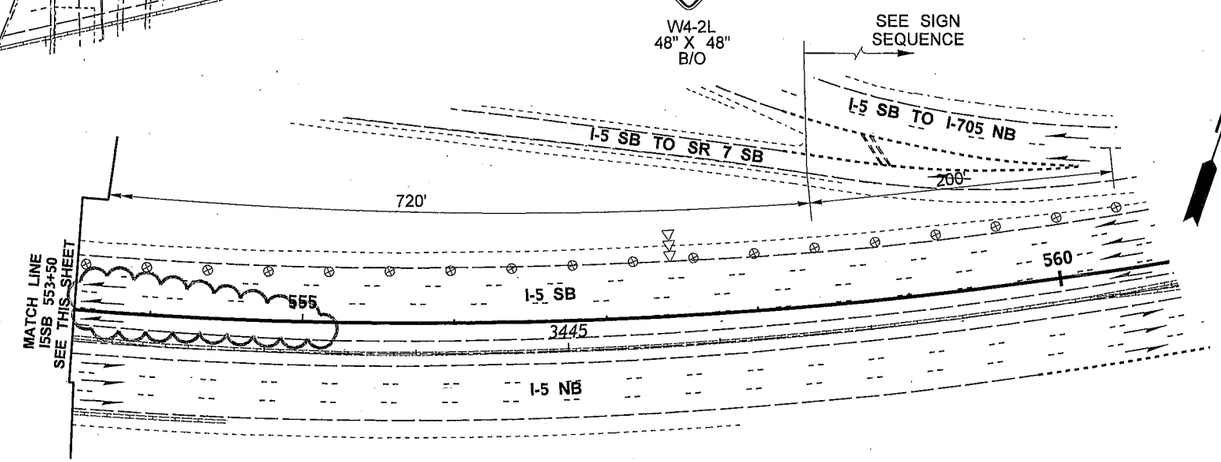
I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST
CLOSED
ON-RAMPS FROM I-705 SB, SR 7 NB AND
PACIFIC AVE CLOSED
RESTRIPE TO STAGE 1B

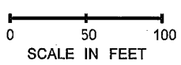


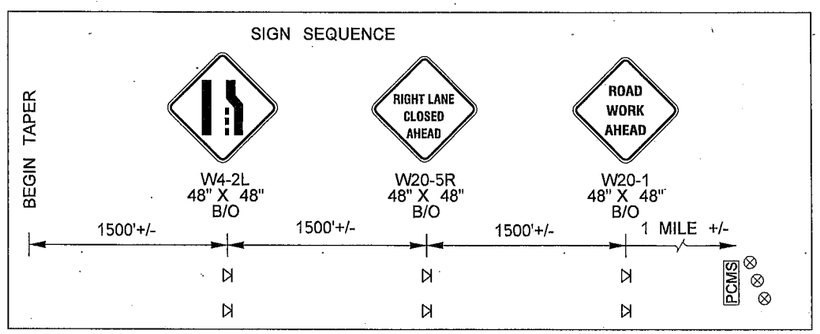
CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
RIGHT 2 LANES CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN







LEGEND			
⊲	SIGN LOCATION - TEMPORARY MOUNT	⊗	TRAFFIC SAFETY DRUM
⋈	SIGN LOCATION - BARRIER MOUNT	◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)	PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
5. SEE DU24 FOR DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

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DATE	4/28/2014
PLOTTED BY	WentzD
DESIGNED BY	D. WENTZ
ENTERED BY	D.WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
AD1 EXISTING BASE DATA CHANGE	5/2/2014	DW

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

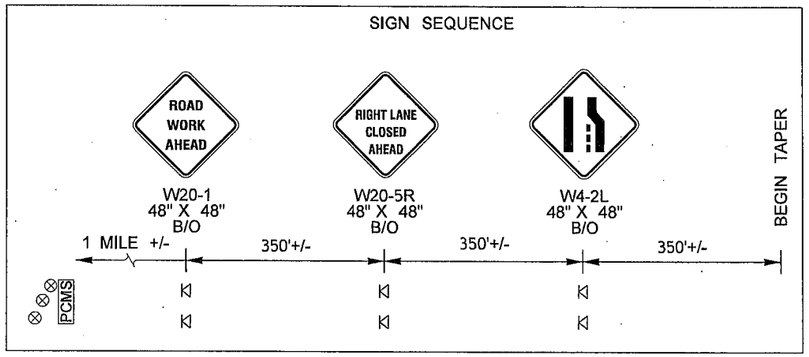
I-5
M ST TO PORTLAND AVE - HOV

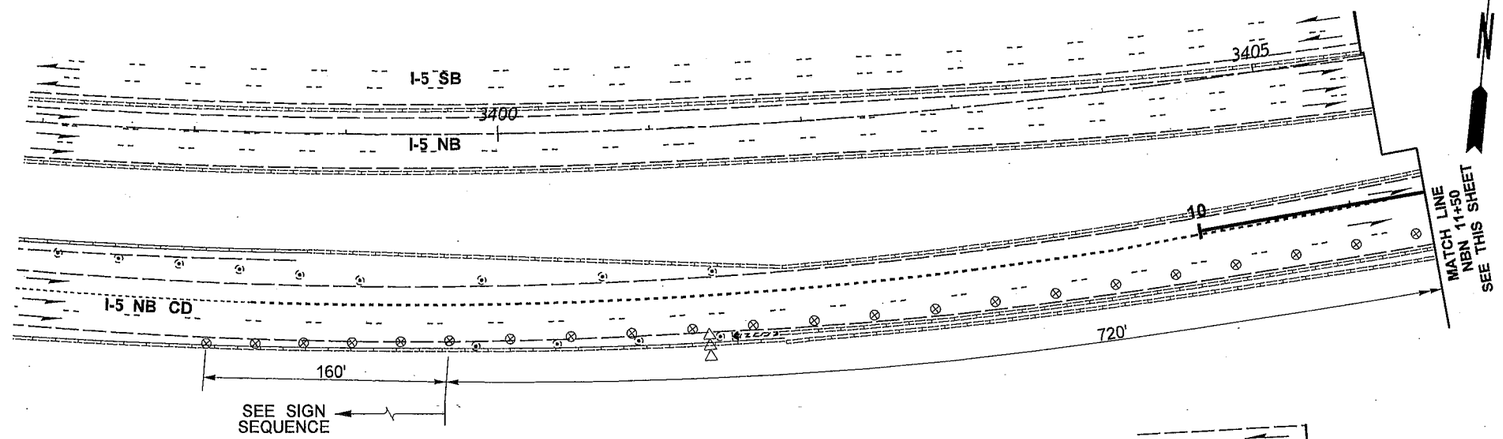
TRAFFIC CONTROL PLAN

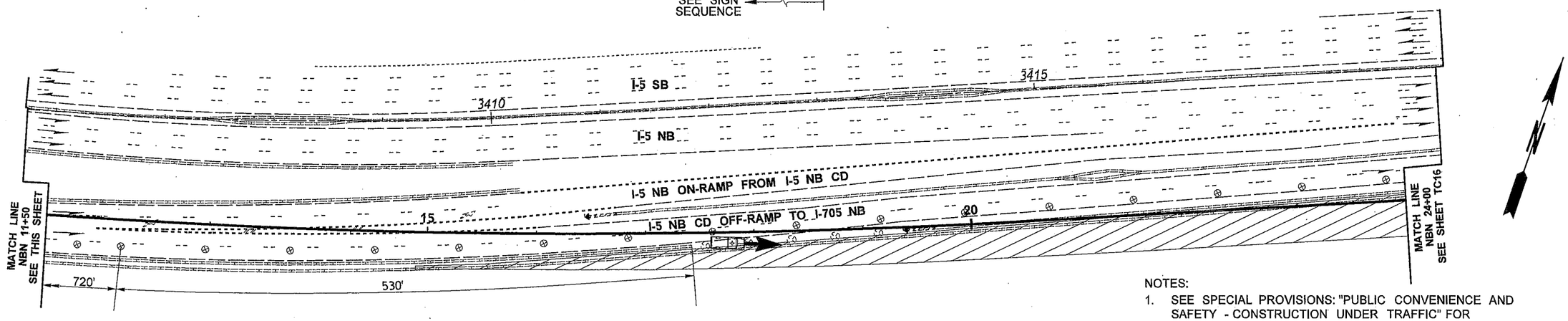
PLAN REF NO TC14

SHEET 1578 OF 1763 SHEETS

STAGE 1A
I-5 NB CD OFF-RAMP
TO SR 7 SB CLOSED







NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU5 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU12, DU17 OR DU20.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	WORK AREA
	PERMITTED CONTRACTOR ACCESS

PCMS	
1	2
HWY 7 RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB
SR 16 EB
38TH ST ON-RAMP

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_015.dgn						
TIME	12:32:47 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

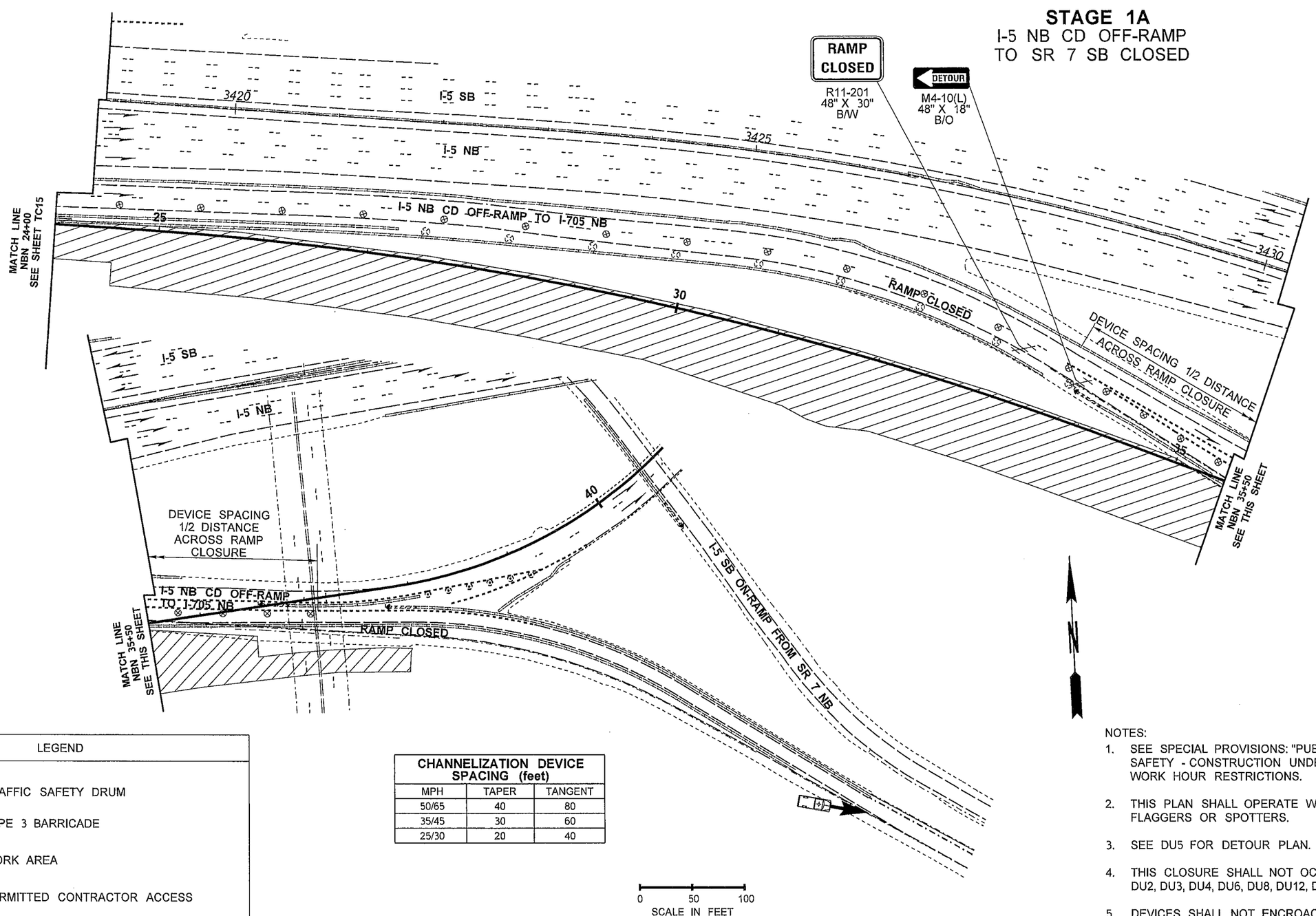
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC15

SHEET 1579 OF 1763 SHEETS

STAGE 1A
I-5 NB CD OFF-RAMP
TO SR 7 SB CLOSED



LEGEND	
⊗	TRAFFIC SAFETY DRUM
	TYPE 3 BARRICADE
	WORK AREA
	PERMITTED CONTRACTOR ACCESS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU5 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU12, DU17 OR DU20.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_016.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:43:27 PM						
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

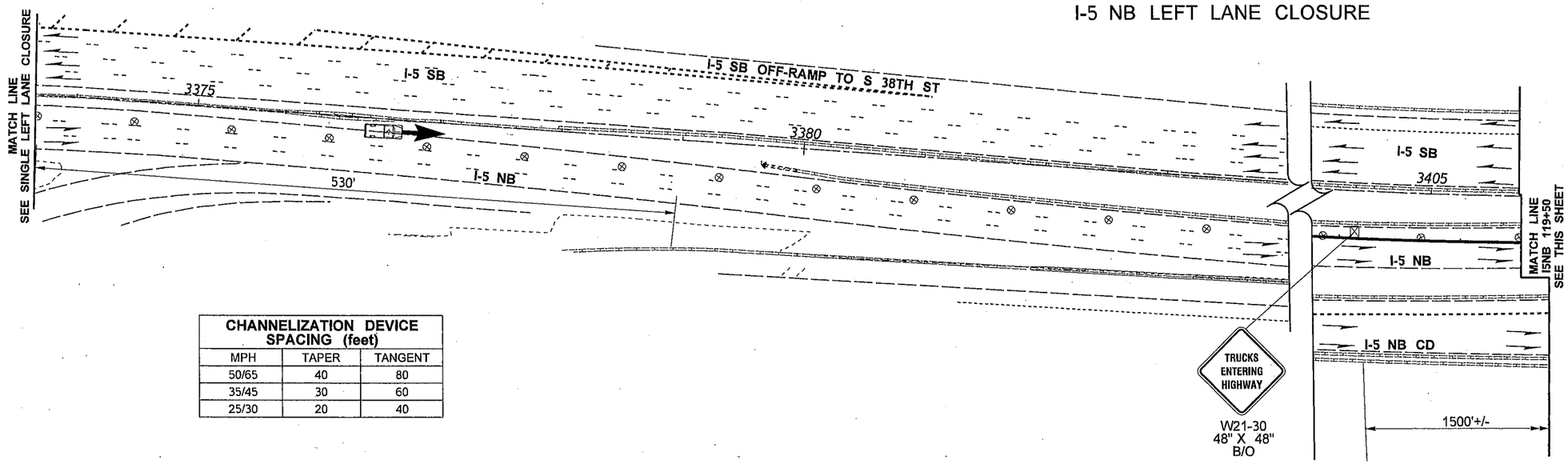
TRAFFIC CONTROL PLAN

PLAN REF NO
TC16

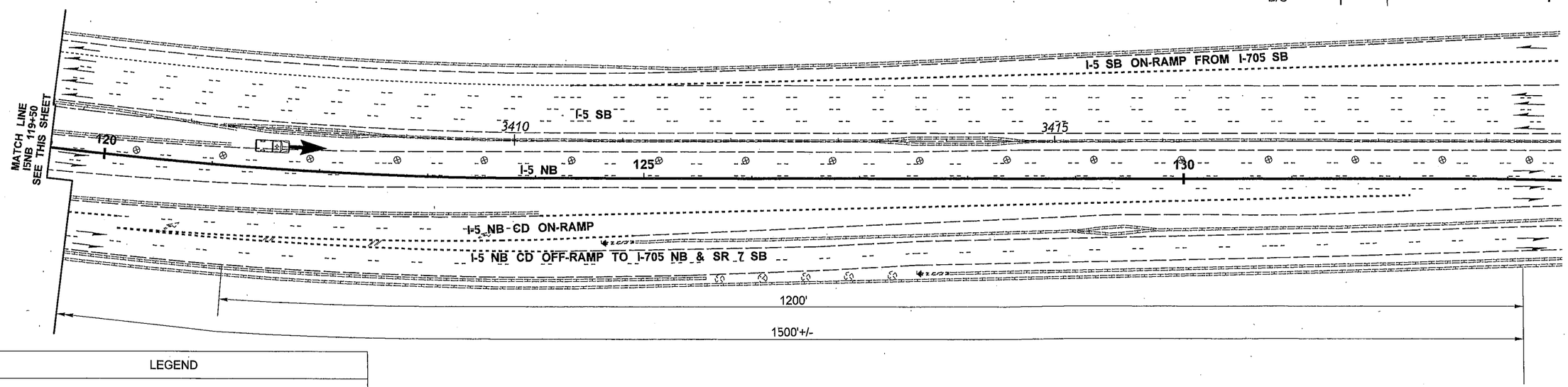
SHEET 1580 OF 1763 SHEETS

STAGE 1B

I-5 NB LEFT LANE CLOSURE



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◄	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_017.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:32:58 PM						
DATE	3/17/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

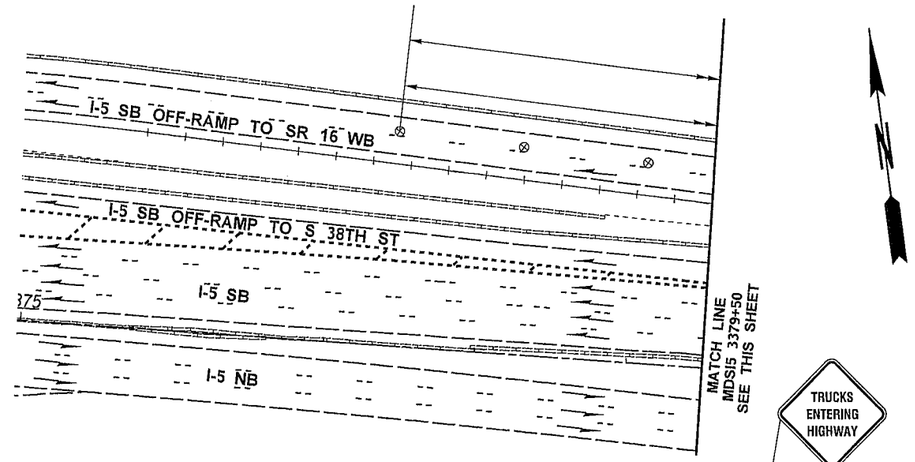
TRAFFIC CONTROL PLAN

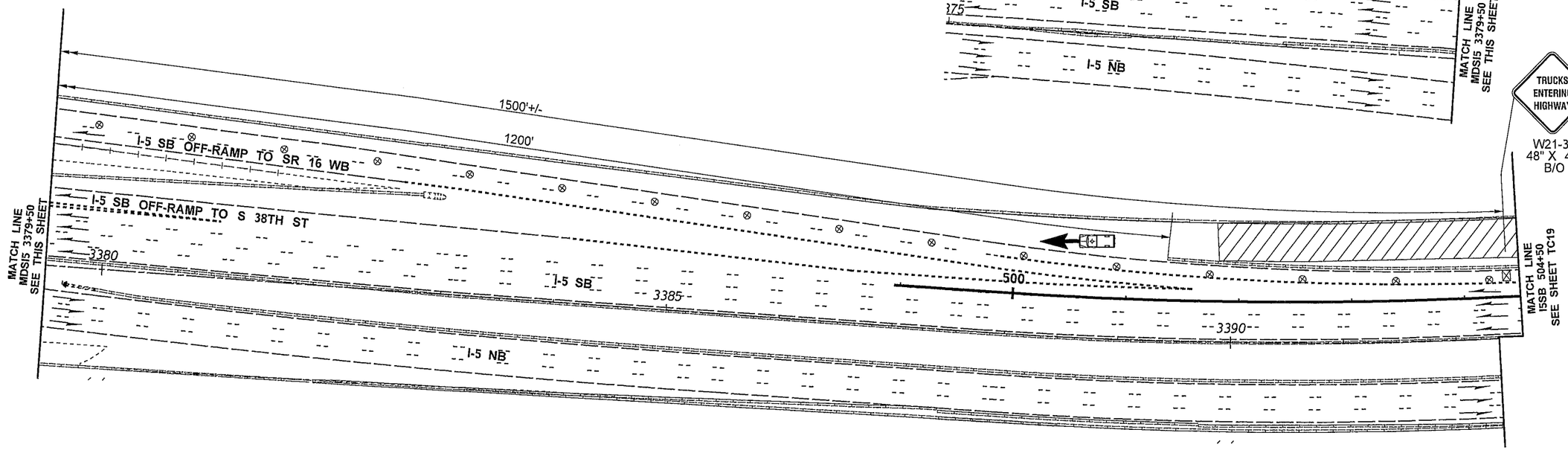
PLAN REF NO TC17

SHEET 1581 OF 1763 SHEETS

STAGE 1B
I-5 SB RIGHT LANE CLOSURE AT EXIT 132

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
▨	WORK AREA
←	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC142 AND DU22 FOR I-5 SB ON-RAMP FROM PACIFIC AVE DETOUR.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU6, DU7, DU9, DU10, DU11, DU13, DU15, DU16, DU21, DU23, DU25, DU27, DU29, DU31 OR DU33.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_018.dgn
TIME	12:43:47 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

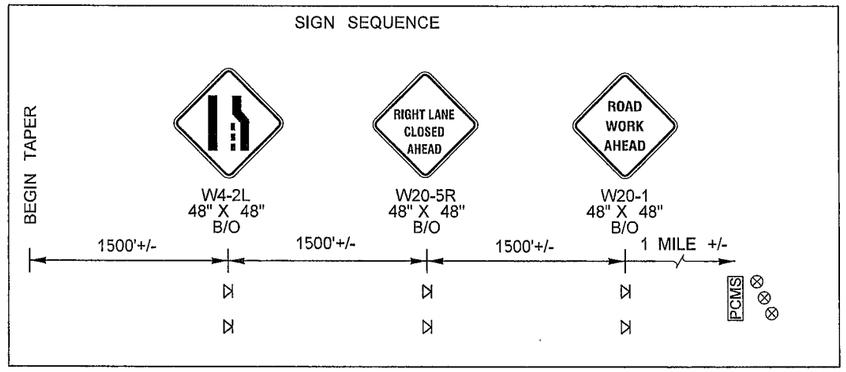
TRAFFIC CONTROL PLAN

PLAN REF NO TC18

SHEET 1582 OF 1763 SHEETS

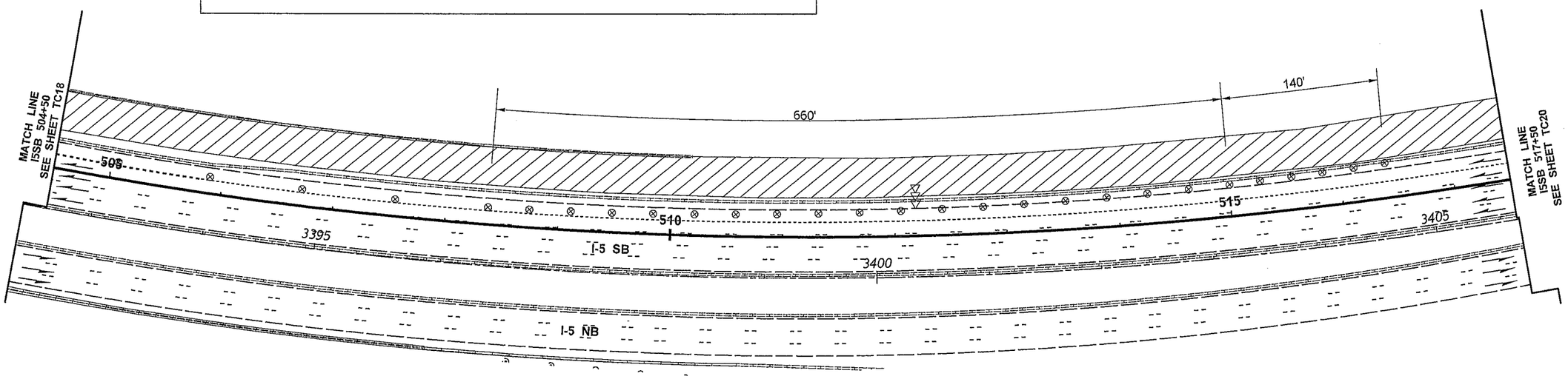
STAGE 1B

I-5 SB RIGHT LANE CLOSURE AT EXIT 132



PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	WORK AREA

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC142 AND DU22 FOR I-5 SB ON-RAMP FROM PACIFIC AVE DETOUR.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU6, DU7, DU9, DU10, DU11, DU13, DU15, DU16, DU21, DU23, DU25, DU27, DU29, DU31 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_019.dgn						
TIME	12:43:55 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

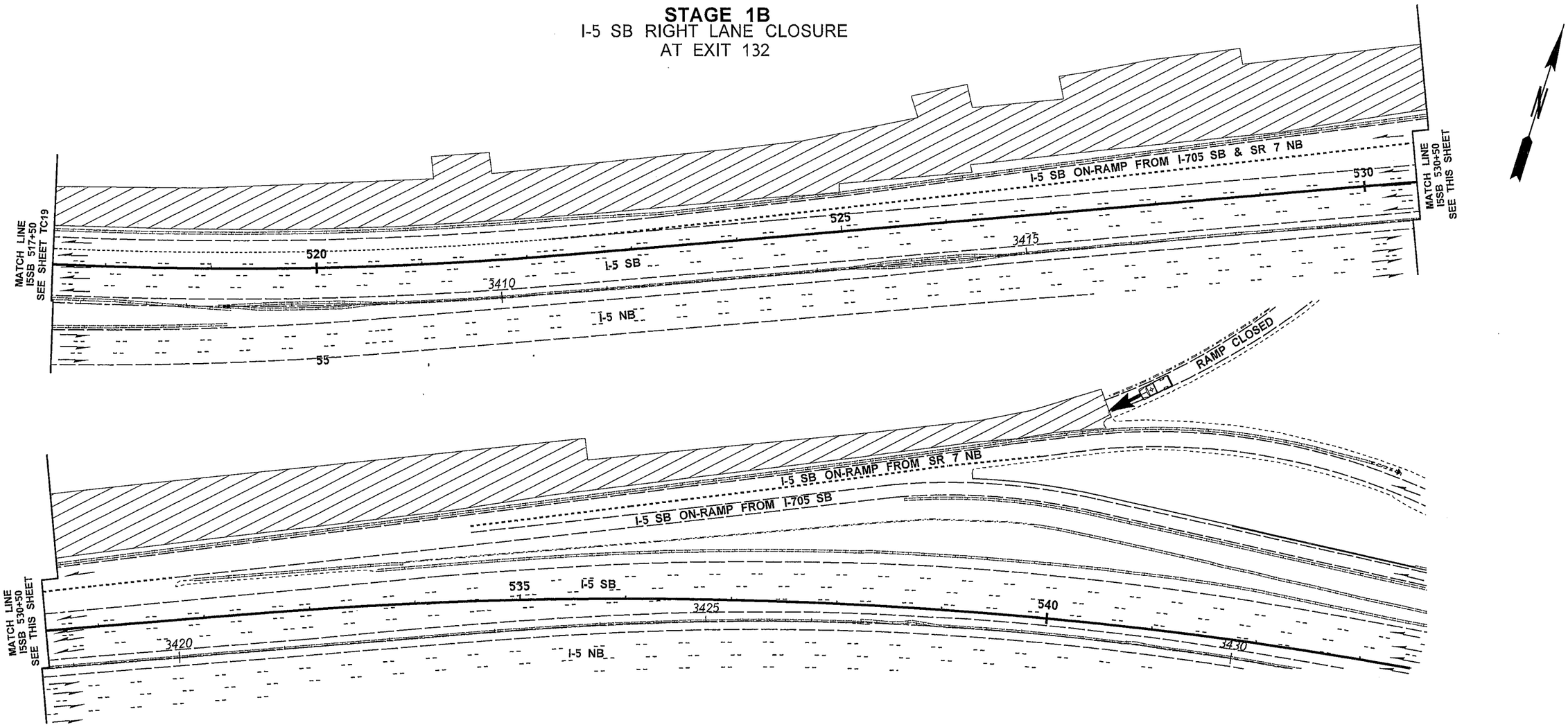
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC19

SHEET 1583 OF 1763 SHEETS

STAGE 1B
I-5 SB RIGHT LANE CLOSURE
AT EXIT 132



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC142 AND DU22 FOR I-5 SB ON-RAMP FROM PACIFIC AVE DETOUR.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU6, DU7, DU9, DU10, DU11, DU13, DU15, DU16, DU21, DU23, DU25, DU27, DU29, DU31 OR DU33.

LEGEND

WORK AREA

PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_020.dgn
TIME	12:44:05 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

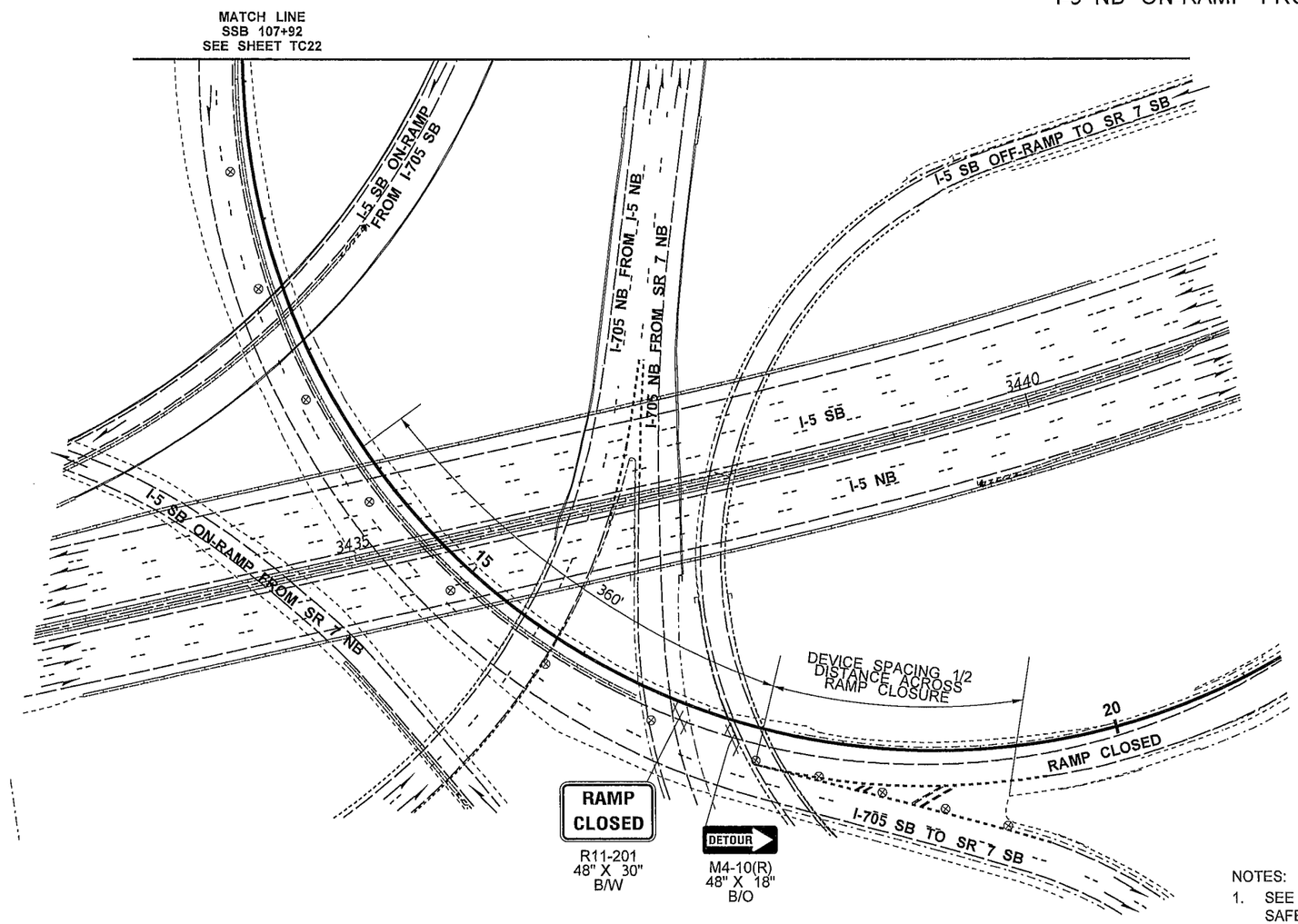
TRAFFIC CONTROL PLAN

PLAN REF NO TC20

SHEET 1584 OF 1763 SHEETS

STAGE 1B

I-5 NB ON-RAMP FROM I-705 SB CLOSED



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU9 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CINCURRENTLY WITH DU2, DU5, DU8, DU10, DU11, DU13, DU21, DU22, DU23, DU25, DU27, DU32 OR DU33.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_021.dgn
TIME	12:35:05 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

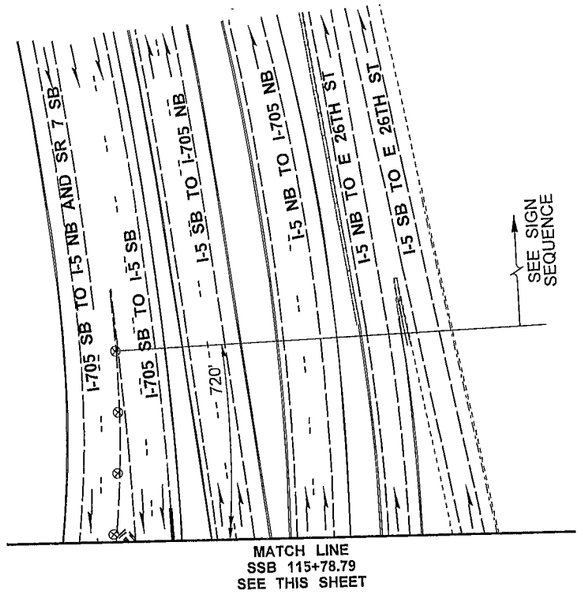
TRAFFIC CONTROL PLAN

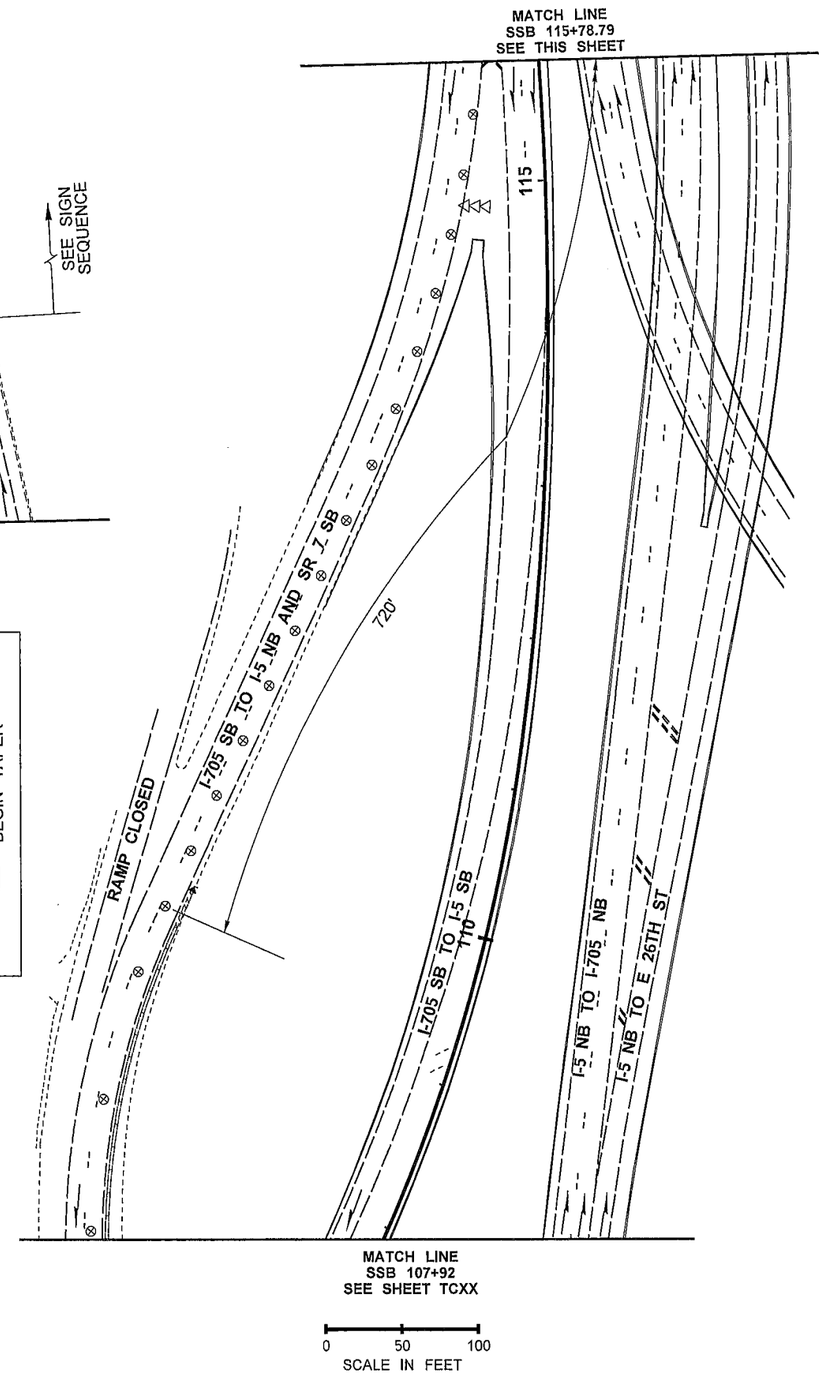
PLAN REF NO TC21

SHEET 1585 OF 1763 SHEETS

STAGE 1B

I-5 NB ON-RAMP FROM I-705 SB CLOSED

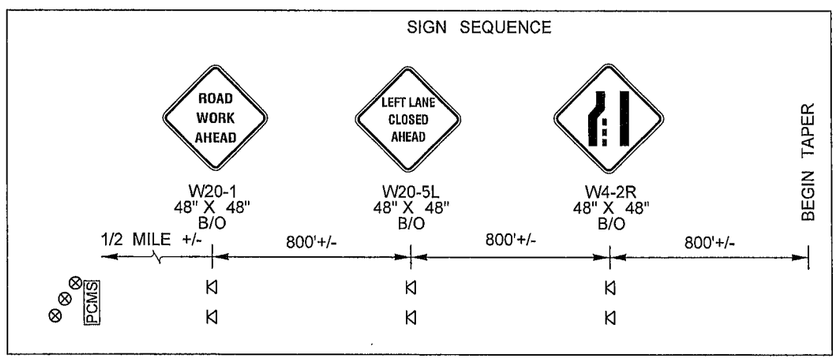




CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
LEFT LANE CLOSED	SOUTH I-5 EXIT
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU9 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU8, DU10, DU11, DU13, DU21, DU22, DU23, DU25, DU27, DU32 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_022.dgn
TIME	12:35:14 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

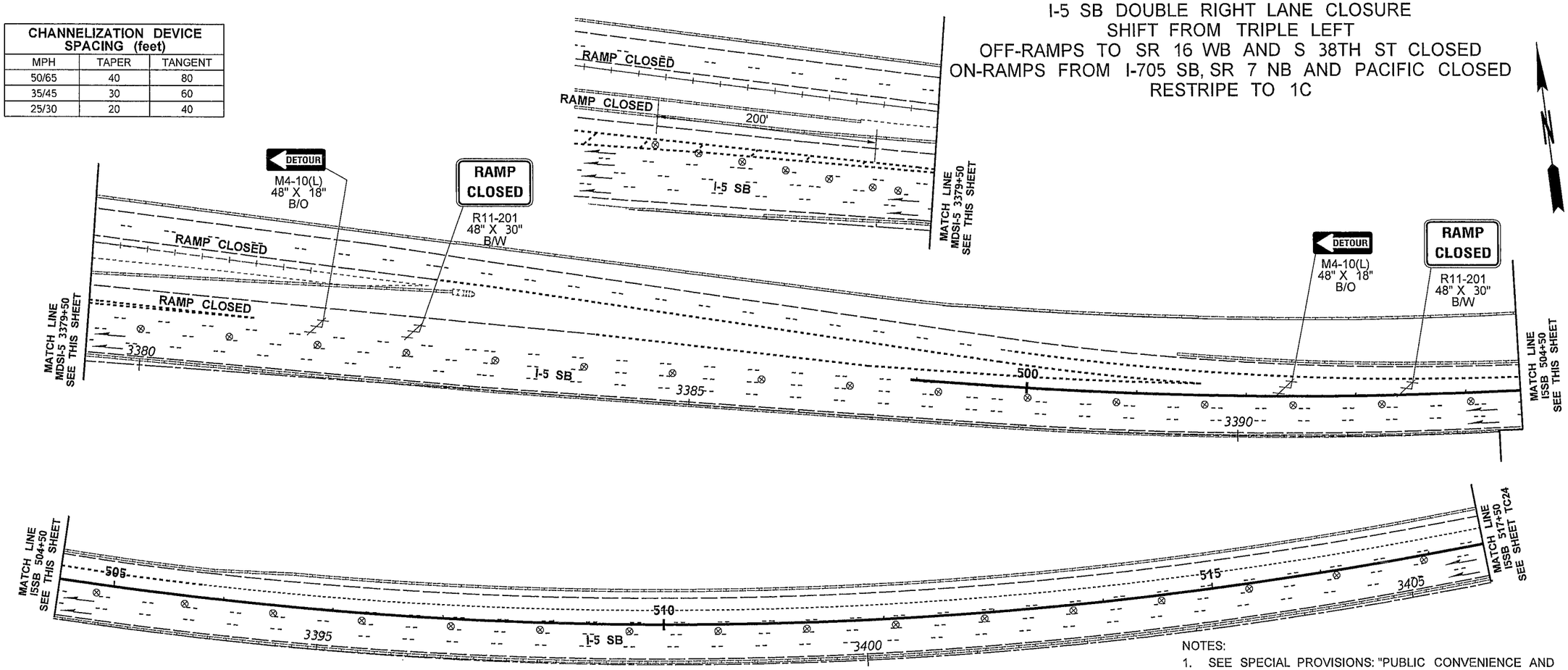
PLAN REF NO TC22

SHEET 1586 OF 1763 SHEETS

STAGE 1B

I-5 SB DOUBLE RIGHT LANE CLOSURE
SHIFT FROM TRIPLE LEFT
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC CLOSED
RESTRIPE TO 1C

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_023.dgn
TIME	12:35:24 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

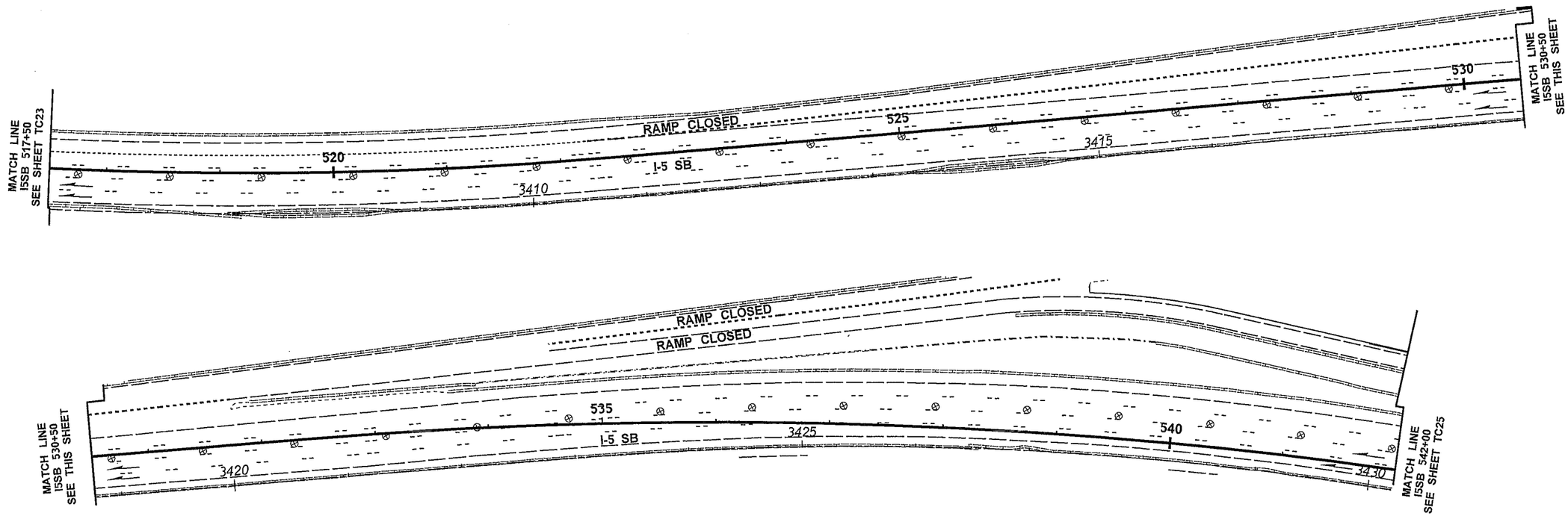
PLAN REF NO TC23

SHEET 1587 OF 1763 SHEETS

STAGE 1B

I-5 SB DOUBLE RIGHT LANE CLOSURE
SHIFT FROM TRIPLE LEFT
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC CLOSED
RESTRIPE TO 1C

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_024.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:35:33 PM						
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

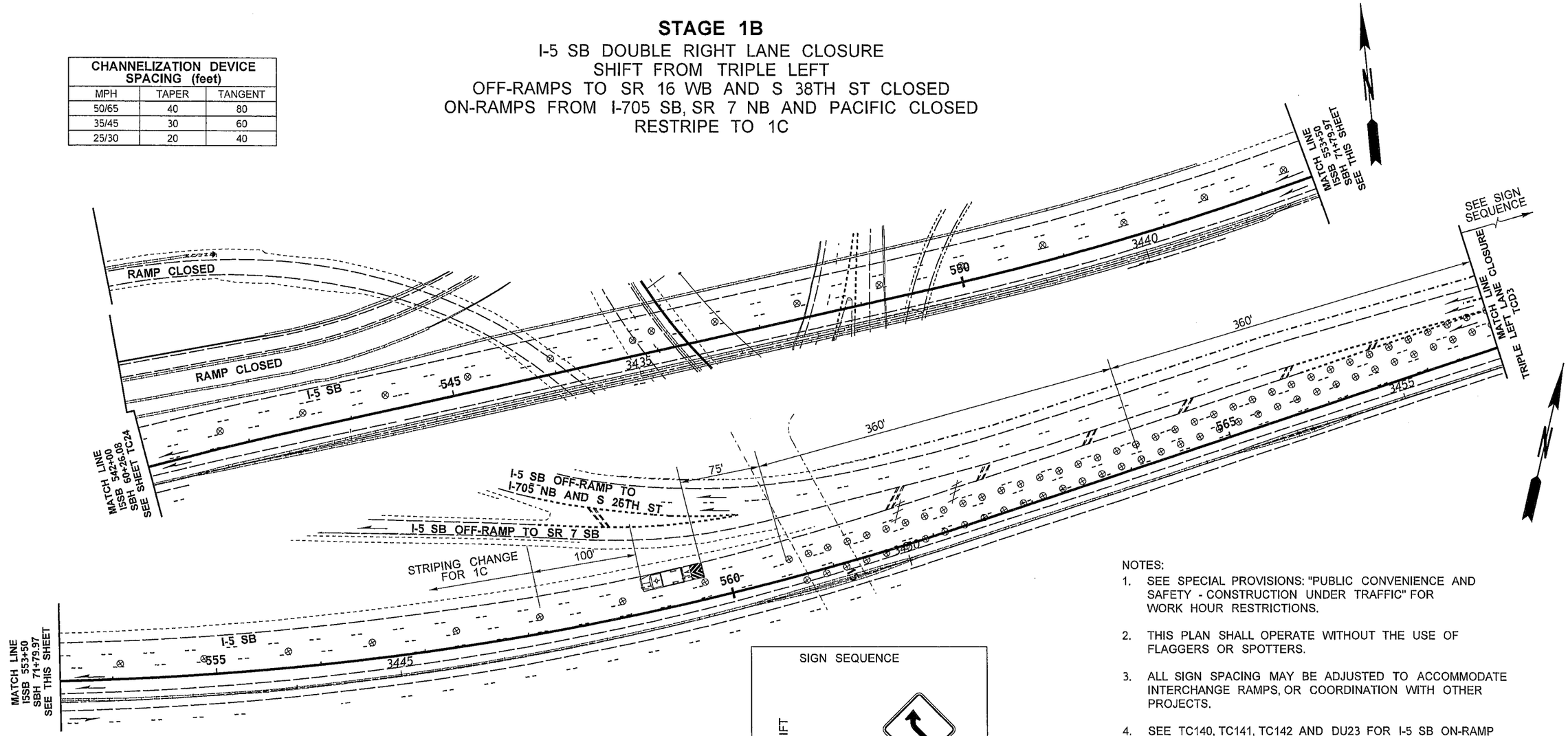
PLAN REF NO
TC24

SHEET 1588 OF 1763 SHEETS

STAGE 1B

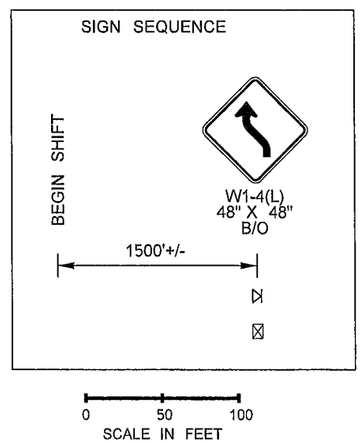
I-5 SB DOUBLE RIGHT LANE CLOSURE
SHIFT FROM TRIPLE LEFT
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC CLOSED
RESTRIPE TO 1C

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTABLE ATTENUATOR



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
5. SEE DU24 FOR DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_025.dgn
TIME	12:35:43 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

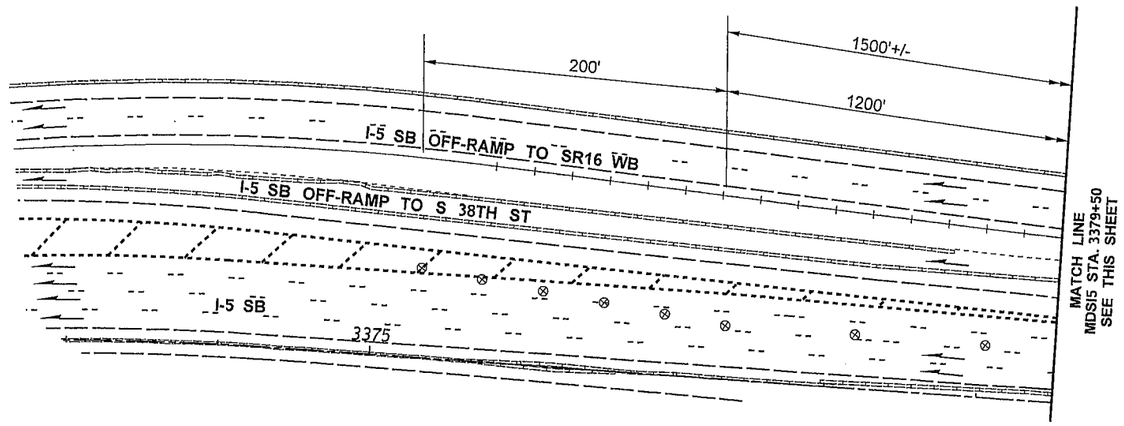
TRAFFIC CONTROL PLAN

PLAN REF NO TC25

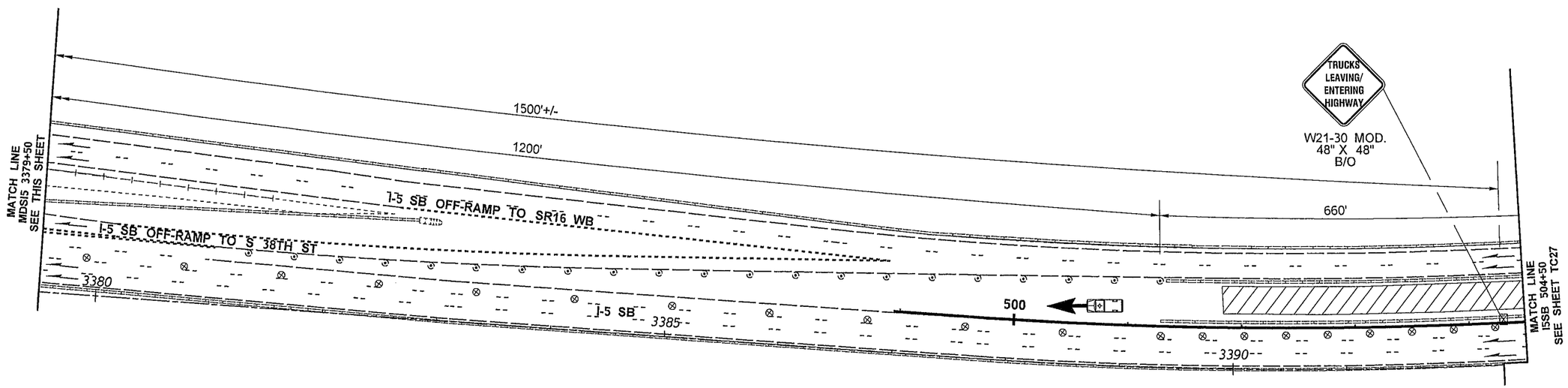
SHEET 1589 OF 1763 SHEETS

STAGE 1C

I-5 SB RIGHT LANE CLOSURE



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
▨	WORK AREA
←	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_026.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:35:52 PM						
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

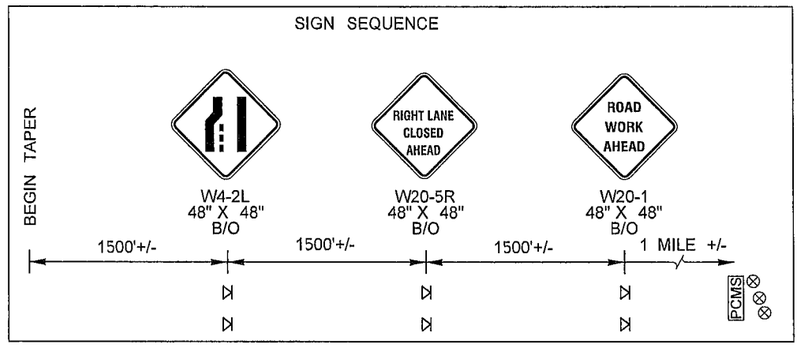
TRAFFIC CONTROL PLAN

PLAN REF NO TC26

SHEET 1590 OF 1763 SHEETS

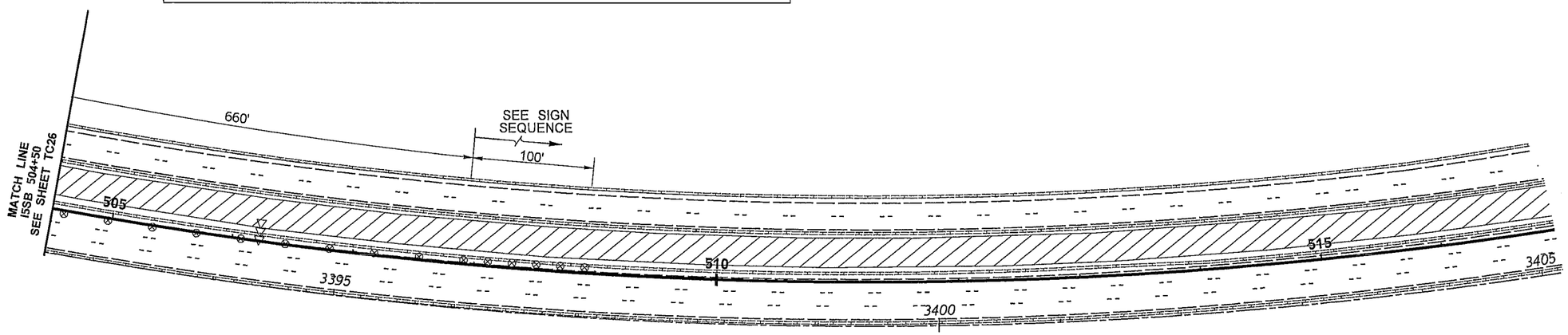
STAGE 1C

I-5 SB RIGHT LANE CLOSURE



PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	WORK AREA

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_027.dgn					
TIME	12:36:00 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014					
PLOTTED BY	ShulerF				JOB NUMBER	
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC27

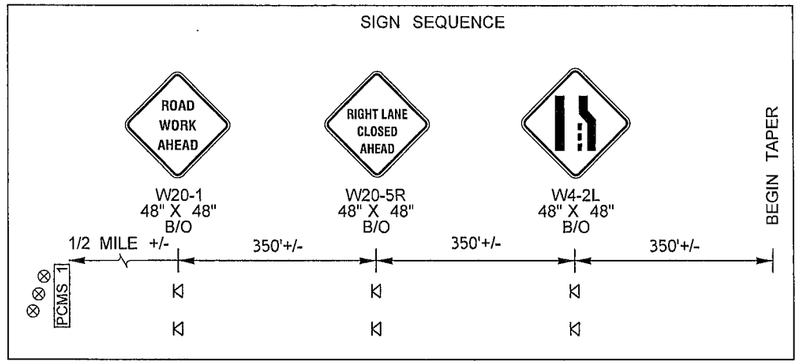
SHEET 1591 OF 1763 SHEETS

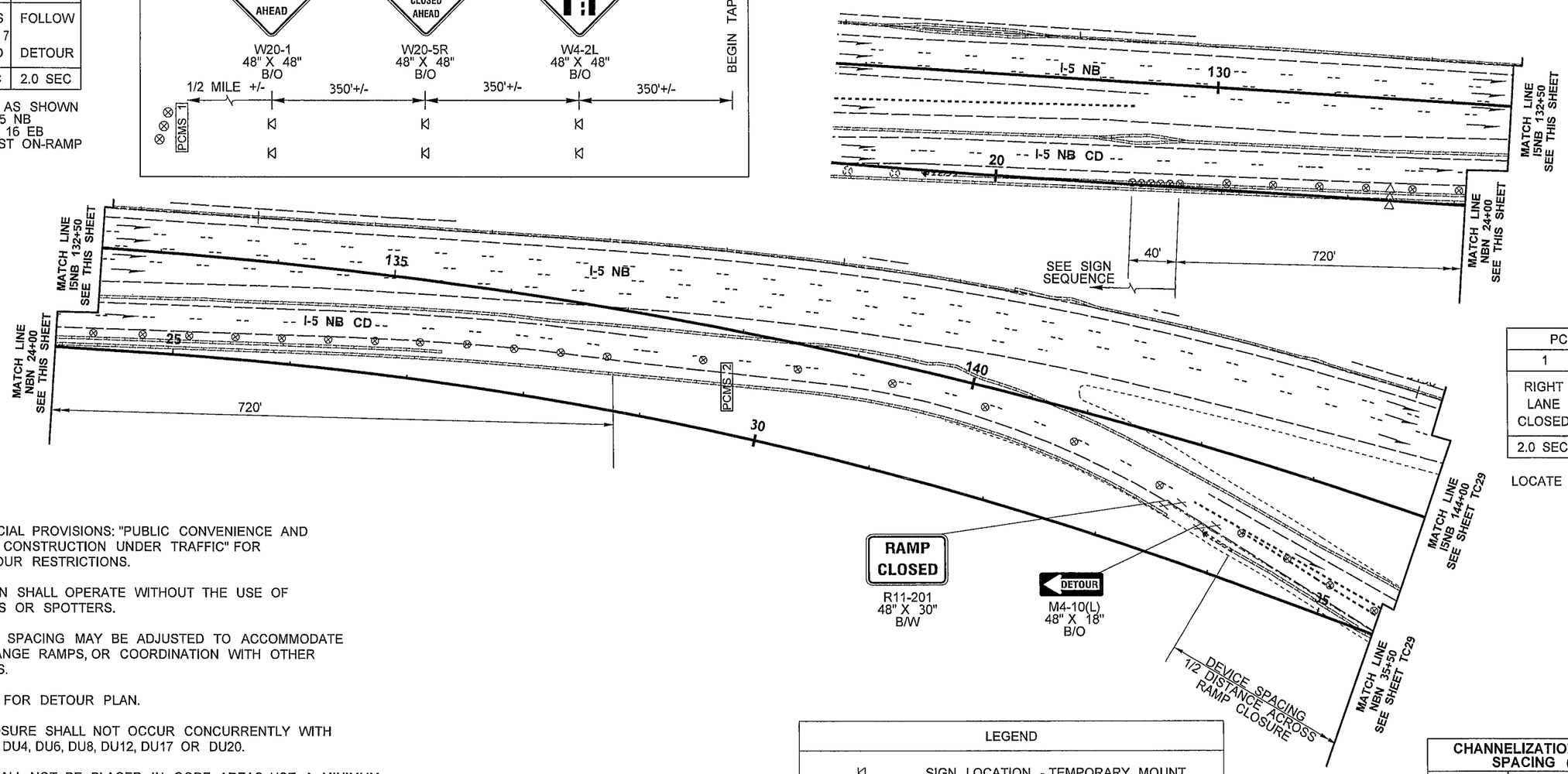
STAGE 1C

I-5 NB CD OFF-RAMP TO SR 7 SB CLOSURE AND RIGHT LANE ON I-705 RAMP

PCMS 1	
1	2
ACCESS TO HWY 7 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB
SR 16 EB
S 38TH ST ON-RAMP





PCMS 2	
1	2
RIGHT LANE CLOSED	HWY 705 STAY LEFT
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU5 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU12, DU17 OR DU20.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	TRAFFIC SAFETY DRUM
	SEQUENTIAL ARROW SIGN - TYPE C
	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_028.dgn					
TIME	12:36:10 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014					
PLOTTED BY	ShulerF				JOB NUMBER	
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

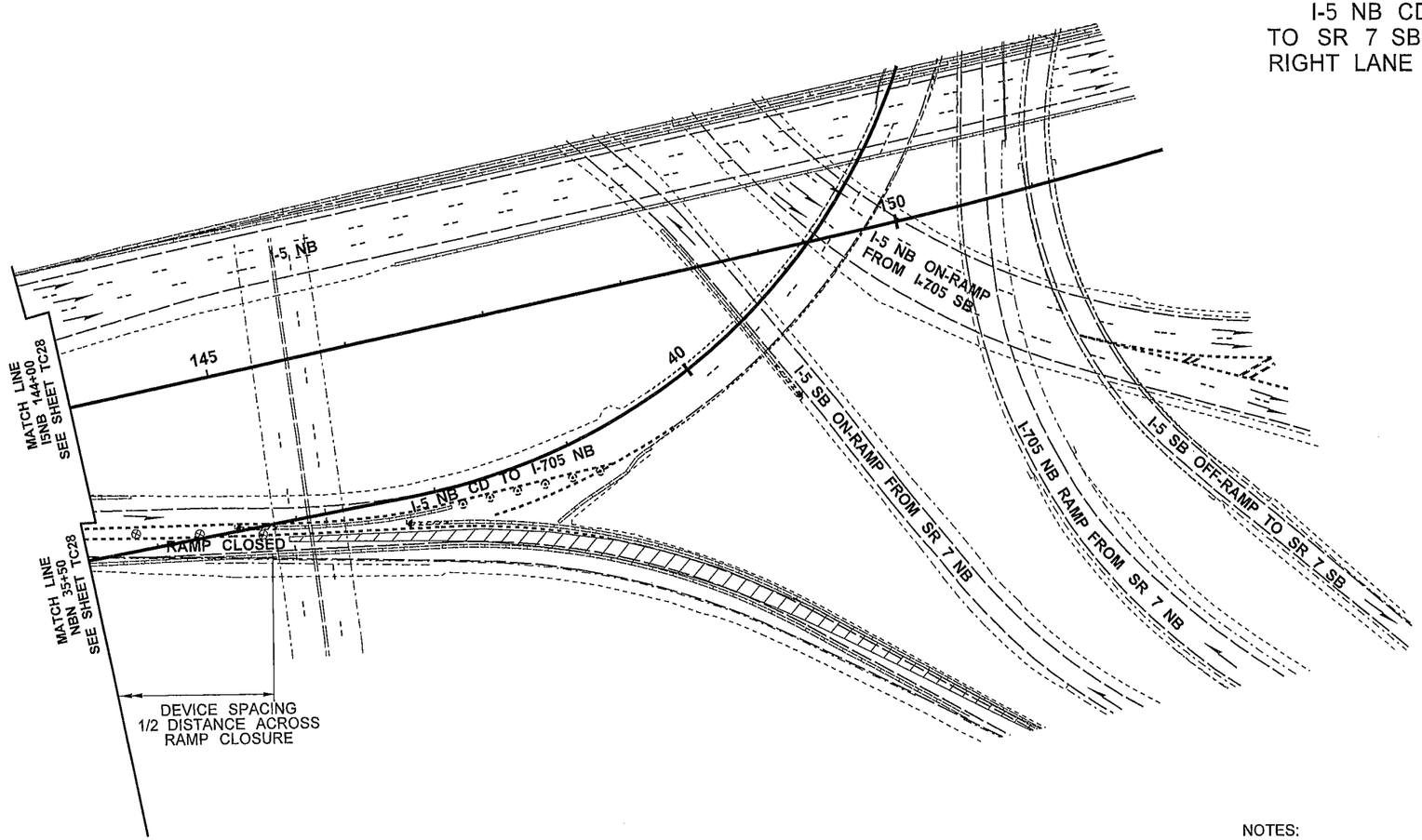
TRAFFIC CONTROL PLAN

PLAN REF NO TC28

SHEET 1592 OF 1763 SHEETS

STAGE 1C

I-5 NB CD OFF-RAMP
TO SR 7 SB CLOSURE AND
RIGHT LANE ON I-705 RAMP



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU5 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU12, DU17 OR DU20.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_029.dgn
TIME	12:36:19 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE
P.E. STAMP BOX DATE

Washington State Department of Transportation

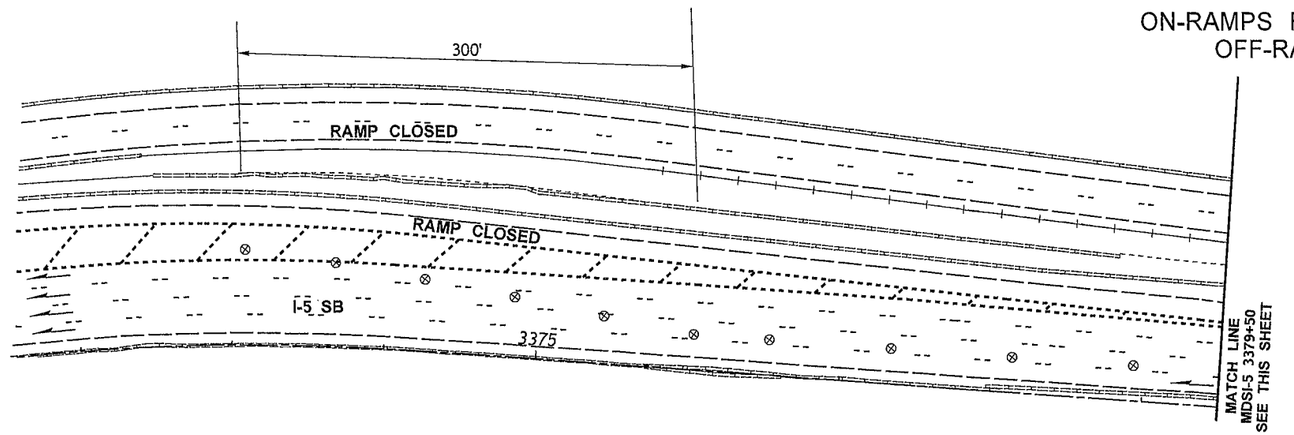
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

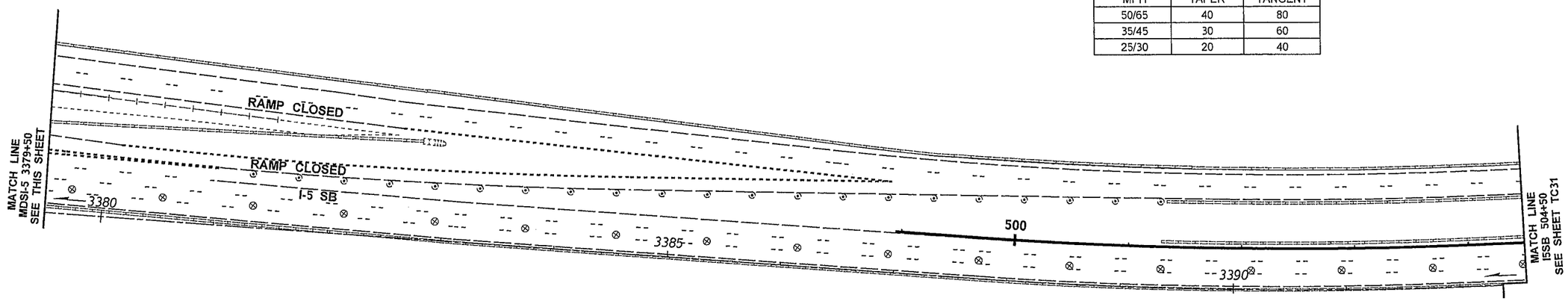
PLAN REF NO TC29
SHEET 1593 OF 1763 SHEETS

STAGE 1C

I-5 SB TRIPLE LEFT LANE CLOSURE
SHIFT TO TRIPLE RIGHT
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
RESTRIPE TO 1D



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_030.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:36:28 PM						
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

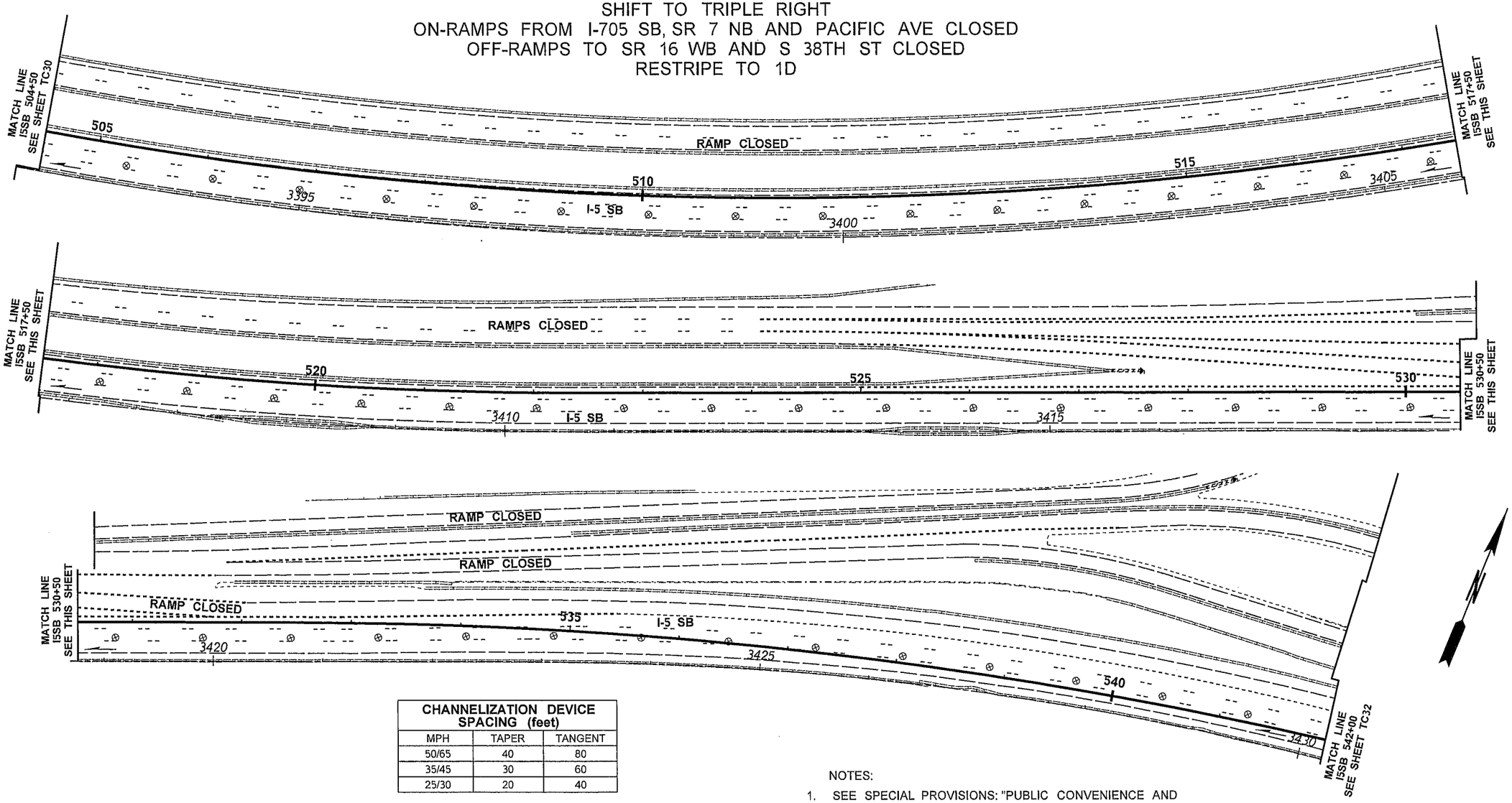
TRAFFIC CONTROL PLAN

PLAN REF NO
TC30

SHEET 1594 OF 1763 SHEETS

STAGE 1C

I-5 SB TRIPLE LEFT LANE CLOSURE
SHIFT TO TRIPLE RIGHT
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
RESTRIPE TO 1D



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB, AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_031.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	12:36:38 PM				10	WASH	
DATE	2/18/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
ENTERED BY	D. WENTZ						XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

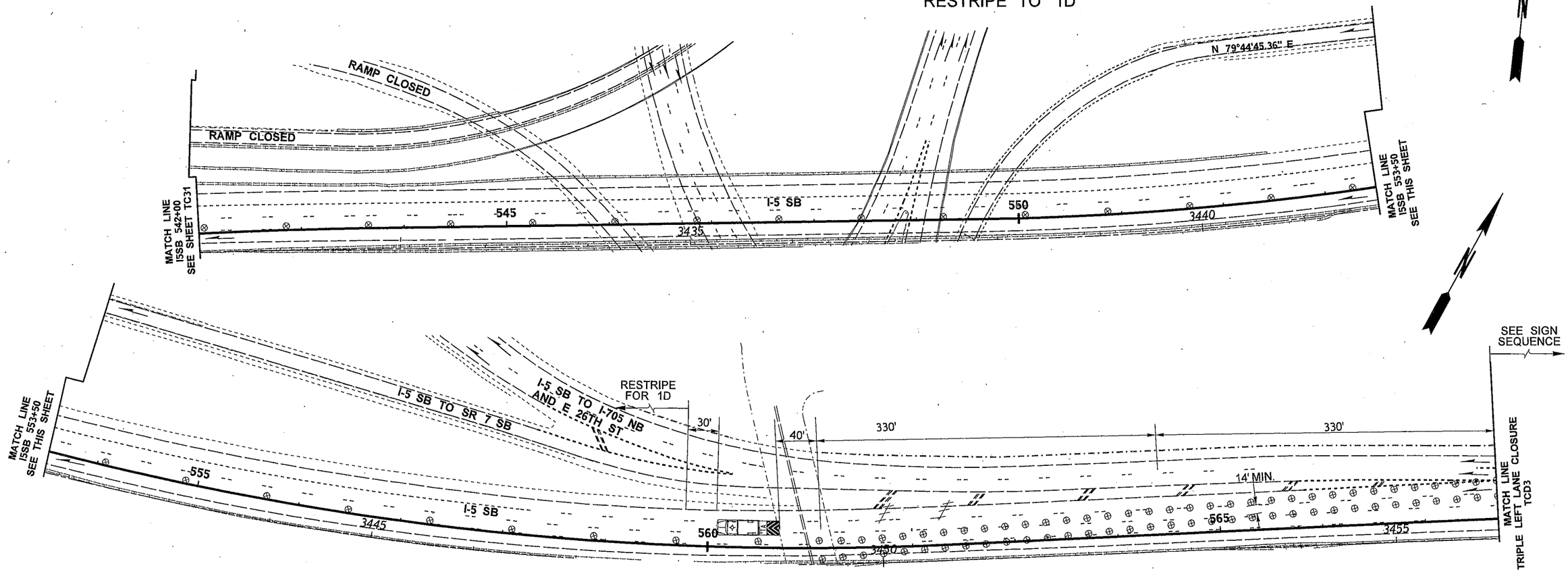
TRAFFIC CONTROL PLAN

PLAN REF NO TC31

SHEET 1595 OF 1763 SHEETS

STAGE 1C

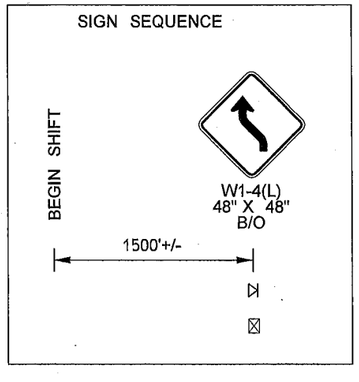
I-5 SB TRIPLE LEFT LANE CLOSURE
SHIFT TO TRIPLE RIGHT
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
RESTRIPE TO 1D



LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTABLE ATTENUATOR

SIGN SEQUENCE



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB, AND PACIFIC AVE DETOUR.
5. SEE DU24 FOR DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU9, DU10, DU11. DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_032.dgn						
TIME	12:35:50 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

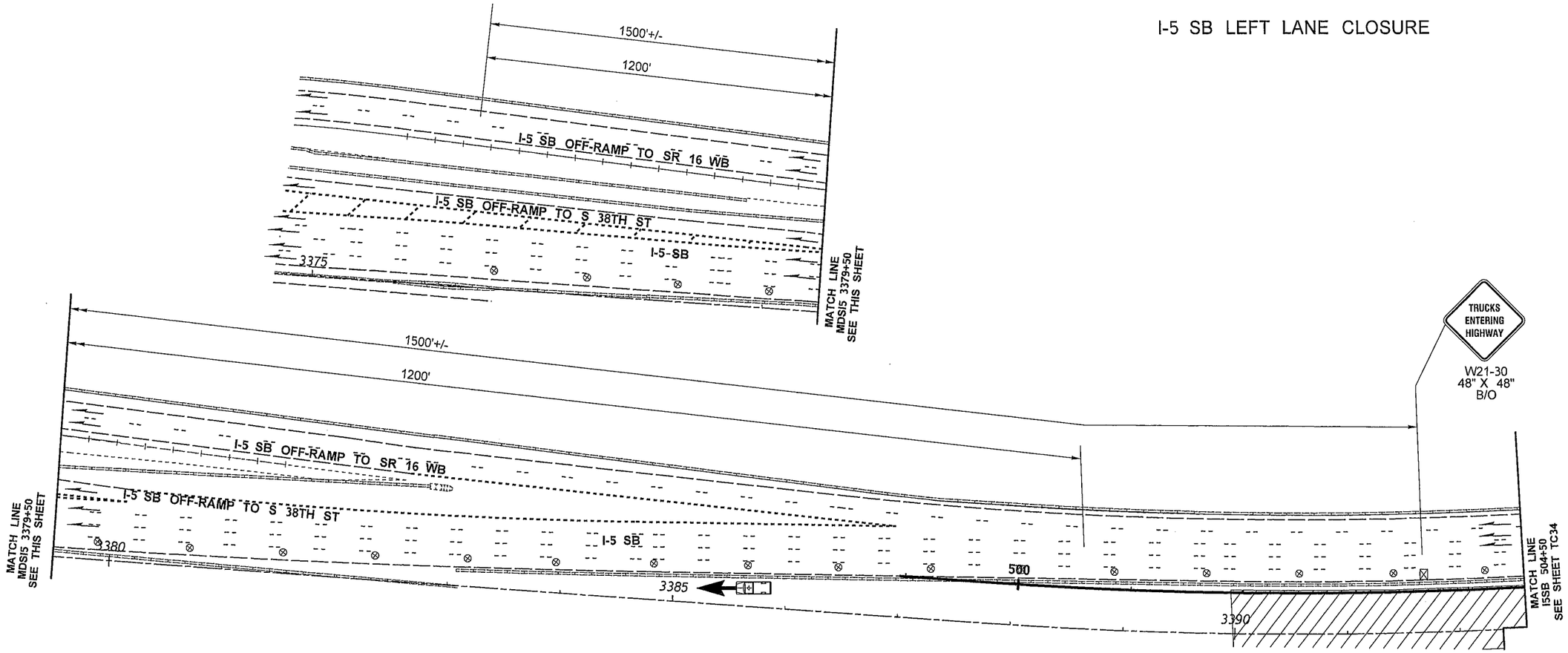
TRAFFIC CONTROL PLAN

PLAN REF NO
TC32

SHEET 1596 OF 1763 SHEETS

STAGE 1D

I-5 SB LEFT LANE CLOSURE



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

- ⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- ⊗ TRAFFIC SAFETY DRUM
- WORK AREA
- PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C..
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_033.dgn					
TIME	12:36:58 PM				REGION NO. 10	STATE WASH
DATE	2/18/2014				JOB NUMBER	FED.AID PROJ.NO.
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

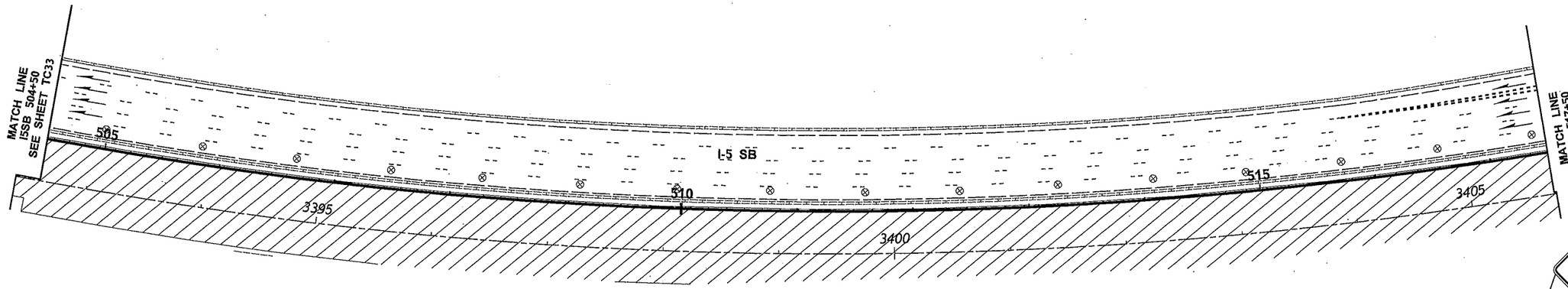
TRAFFIC CONTROL PLAN

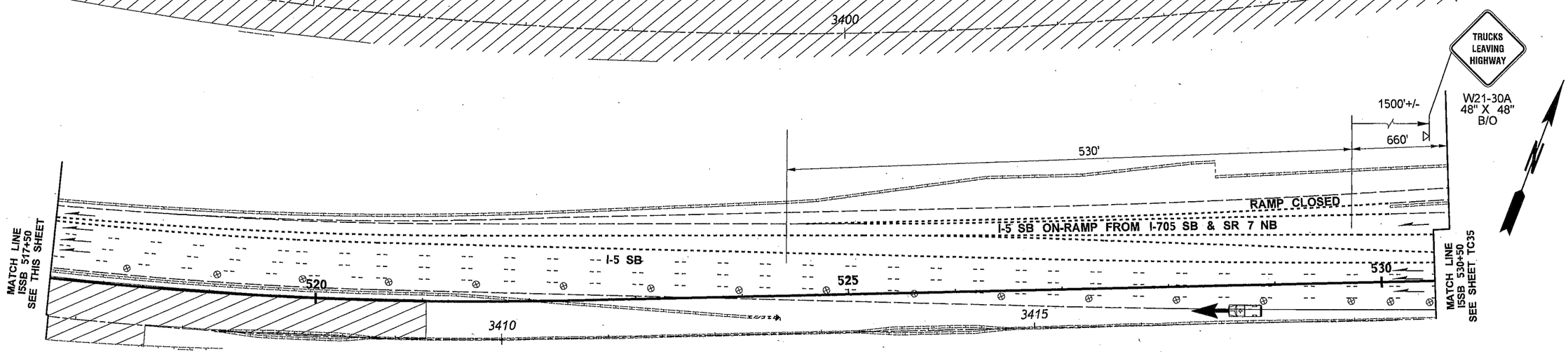
PLAN REF NO TC33

SHEET 1597 OF 1763 SHEETS

STAGE 1D

I-5 SB LEFT LANE CLOSURE





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- WORK AREA
- PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
5. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_034.dgn						
TIME	12:36:04 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
ENTERED BY	D. WENTZ						XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

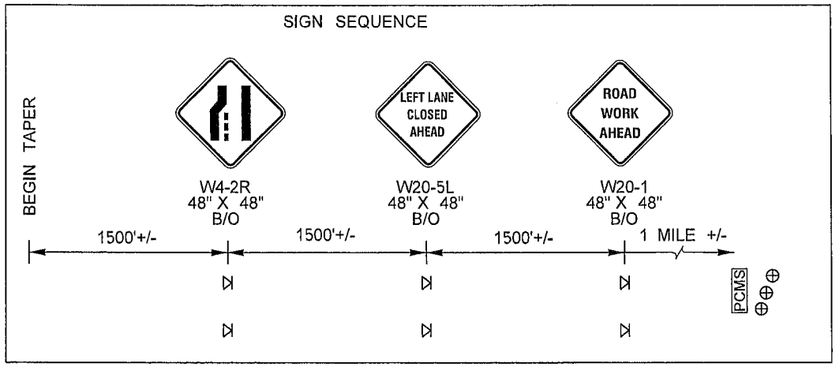
TRAFFIC CONTROL PLAN

PLAN REF NO TC34

SHEET 1598 OF 1763 SHEETS

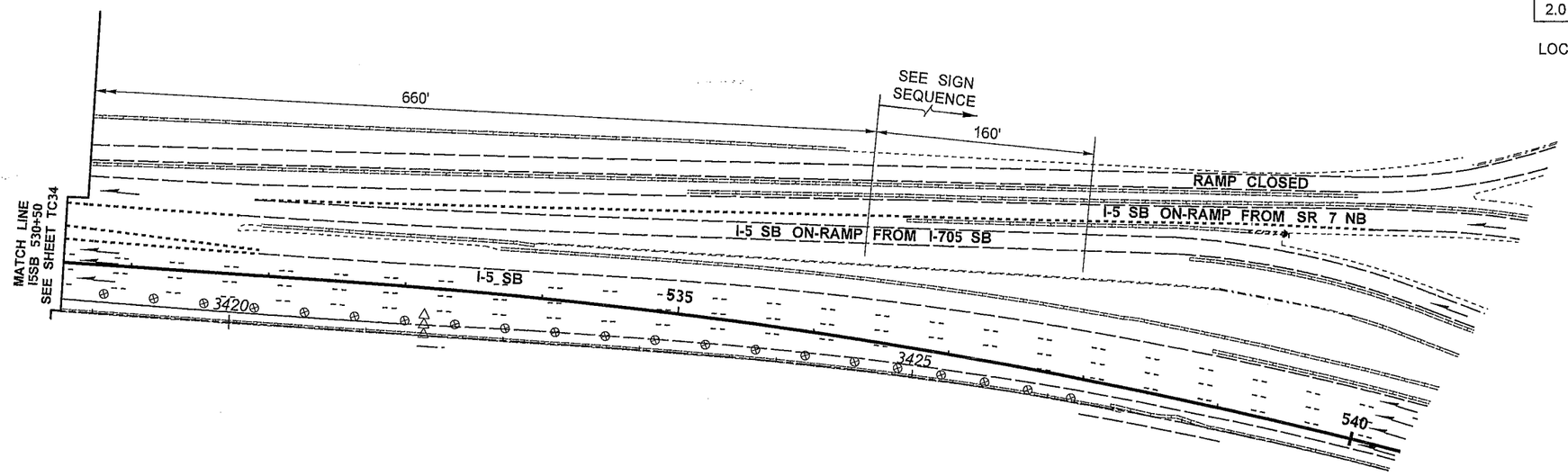
STAGE 1D

I-5 SB LEFT LANE CLOSURE



PCMS	
1	2
LEFT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_035.dgn
TIME	12:37:19 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

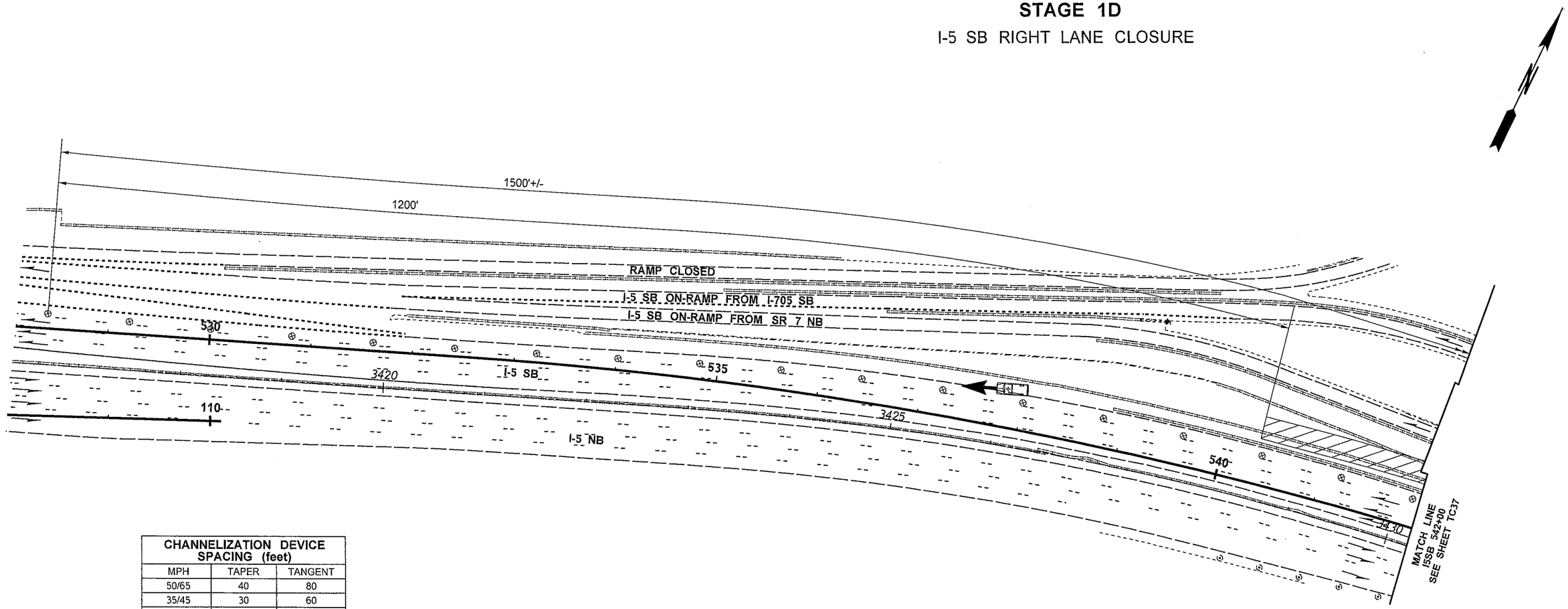
TRAFFIC CONTROL PLAN

PLAN REF NO TC35

SHEET 1599 OF 1763 SHEETS

STAGE 1D

I-5 SB RIGHT LANE CLOSURE



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

⊗ TRAFFIC SAFETY DRUM

WORK AREA

PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_036.dgn
TIME	12:37:28 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

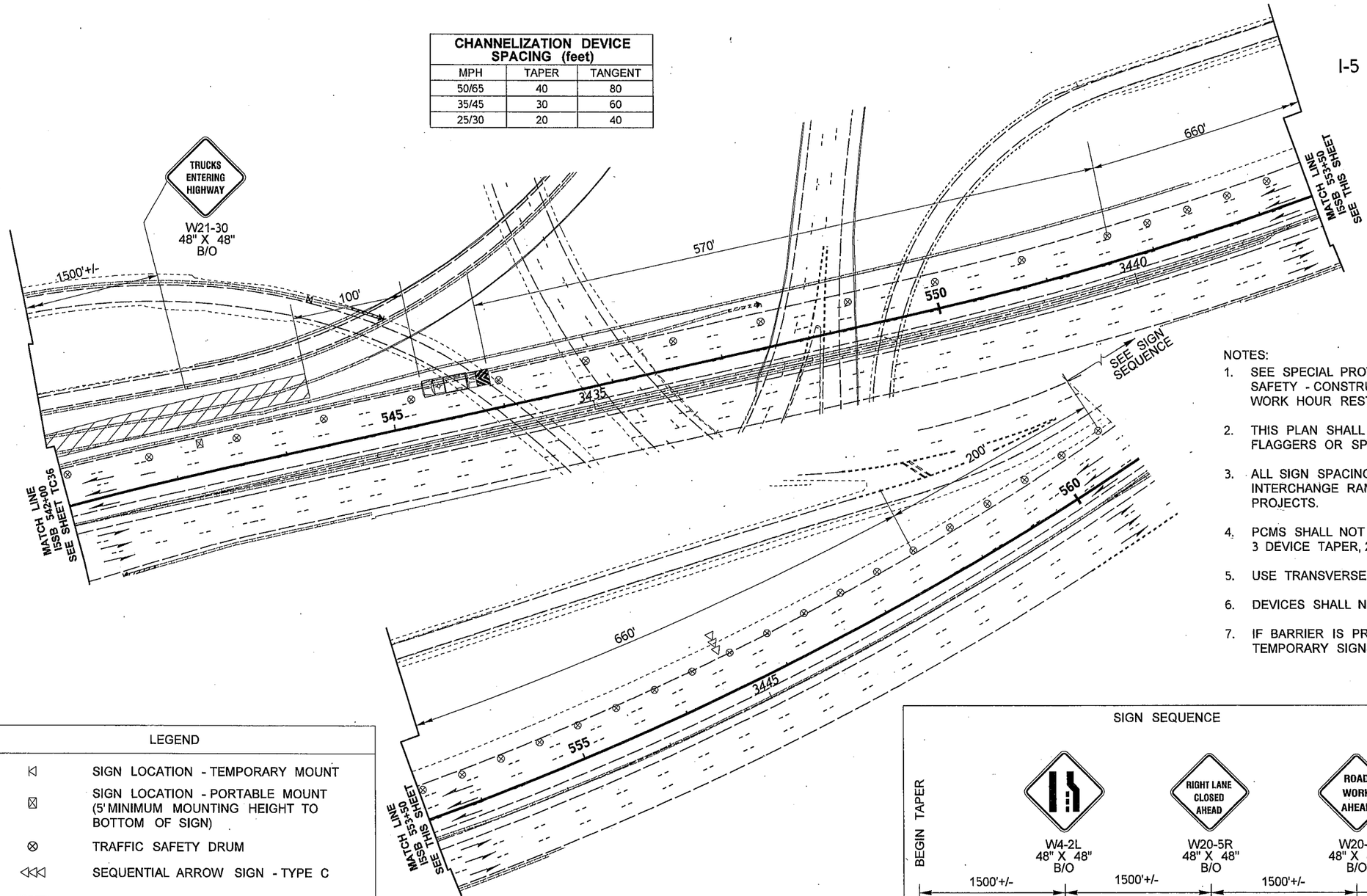
PLAN REF NO TC36

SHEET 1600 OF 1763 SHEETS

STAGE 1D

I-5 SB RIGHT LANE CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



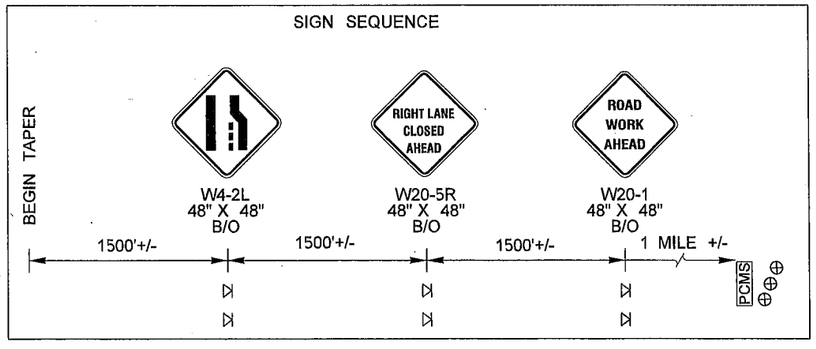
NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS OR COORDINATION WITH OTHER PROJECTS.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRANSPORTABLE ATTENUATOR
- WORK AREA

SIGN SEQUENCE



0 50 100
SCALE IN FEET

PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_037.dgn					
TIME	12:36:16 PM				REGION NO. 10	STATE WASH
DATE	3/17/2014					FED.AID PROJ.NO.
PLOTTED BY	ShulerF				JOB NUMBER	
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ				CONTRACT NO.	LOCATION NO. XL3497
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

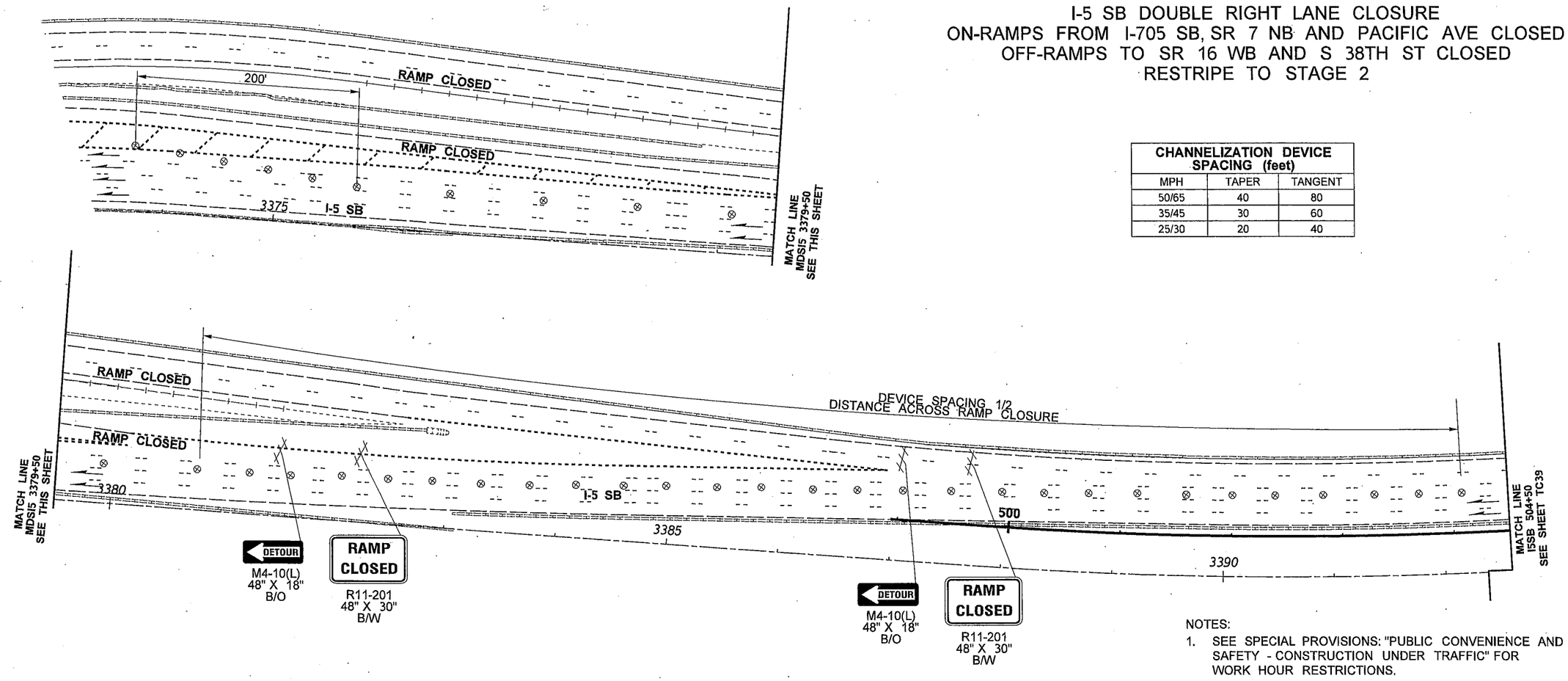
PLAN REF NO TC37

SHEET 1601 OF 1763 SHEETS

STAGE 1D

I-5 SB DOUBLE RIGHT LANE CLOSURE
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
RESTRIPE TO STAGE 2

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. EVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_038.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:36:26 PM				JOB NUMBER		
DATE	3/17/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
ENTERED BY	D. WENTZ						XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

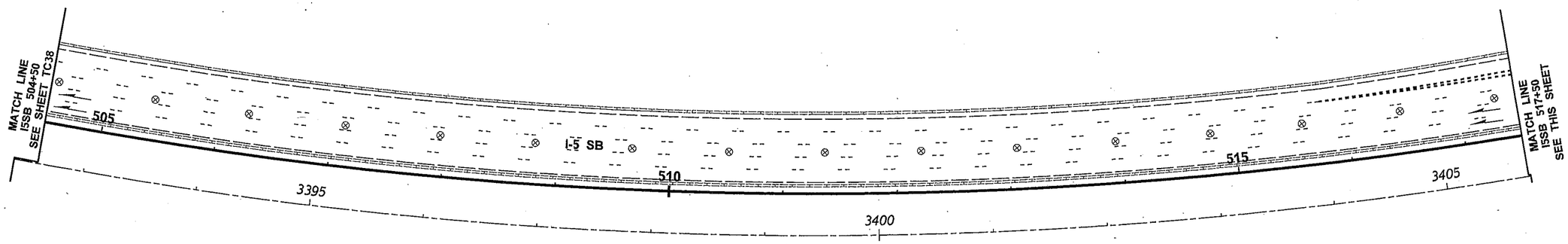
PLAN REF NO TC38

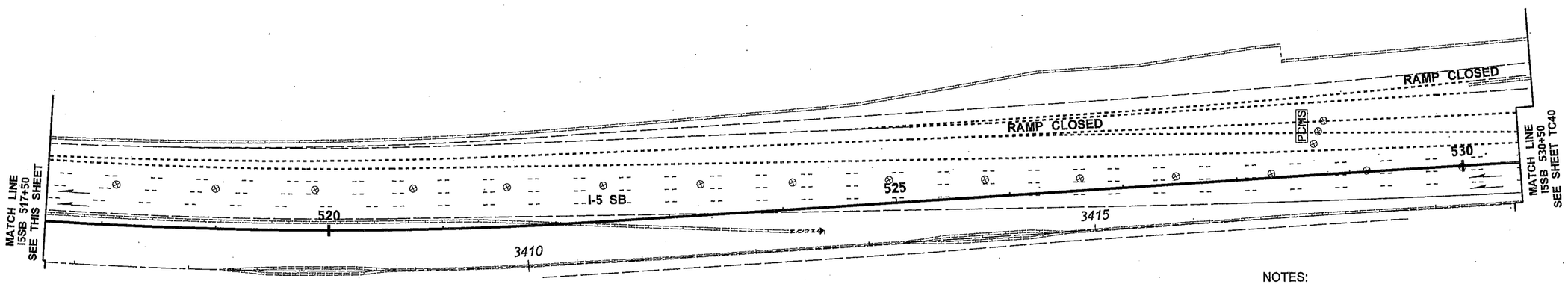
SHEET 1602 OF 1763 SHEETS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

STAGE 1D

I-5 SB DOUBLE RIGHT LANE CLOSURE
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
RESTRIPE TO STAGE 2





PCMS	
1	2
EXIT 132 CLOSED	FOLLOW DETOUR
1.5 SEC	1.5 SEC

LOCATE AS SHOWN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_039.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:36:37 PM				JOB NUMBER		
DATE	3/17/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

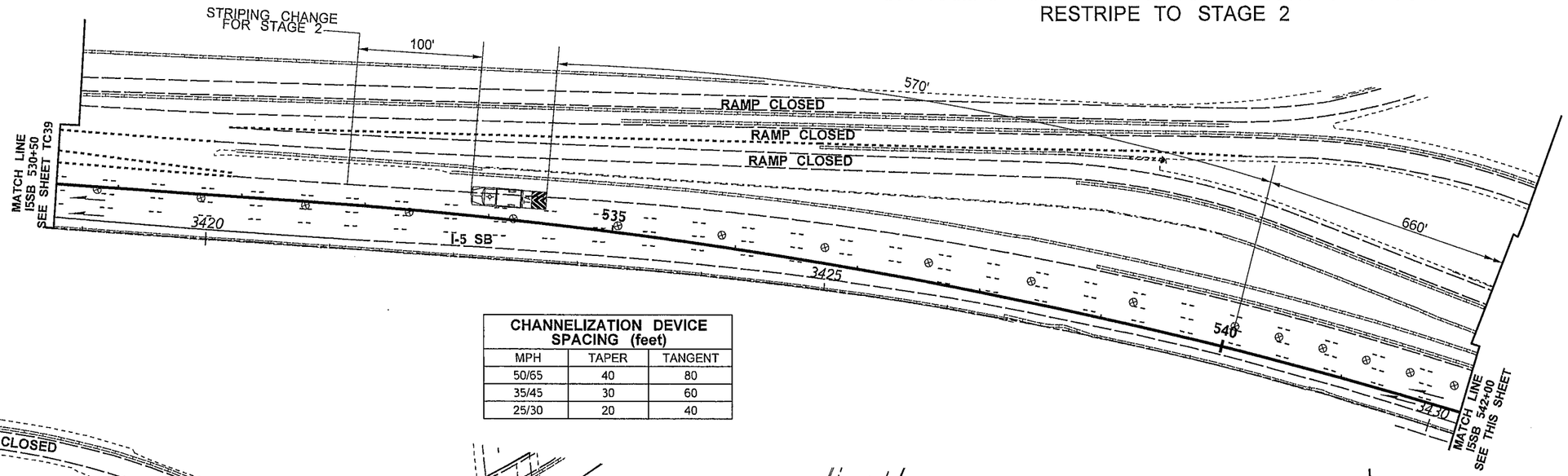
TRAFFIC CONTROL PLAN

PLAN REF NO TC39

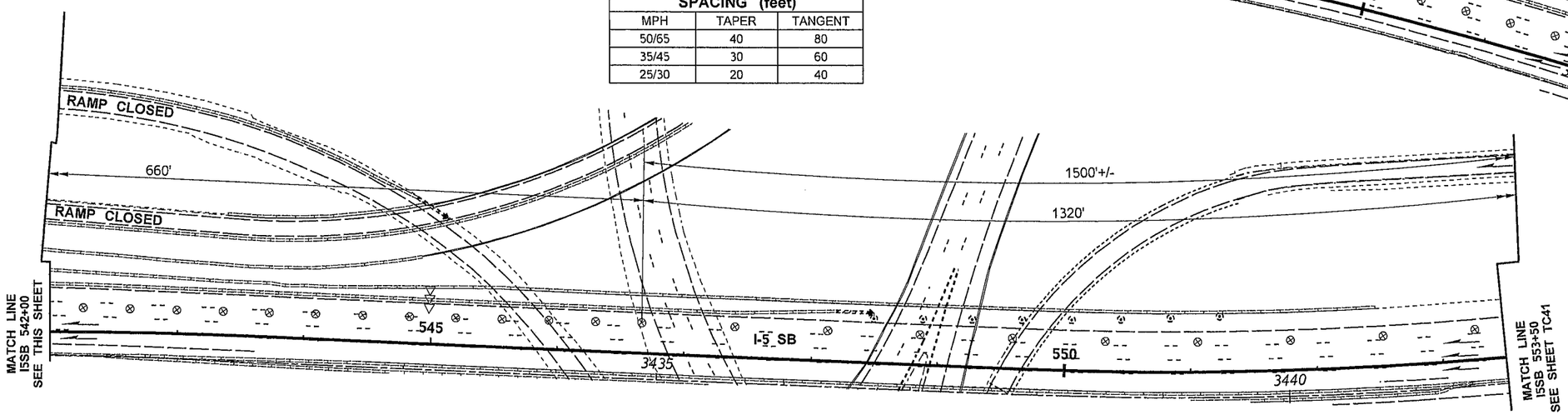
SHEET 1603 OF 1763 SHEETS

STAGE 1D

I-5 SB DOUBLE RIGHT LANE CLOSURE
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
RESTRIPE TO STAGE 2



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
	TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_040.dgn
TIME	12:38:10 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

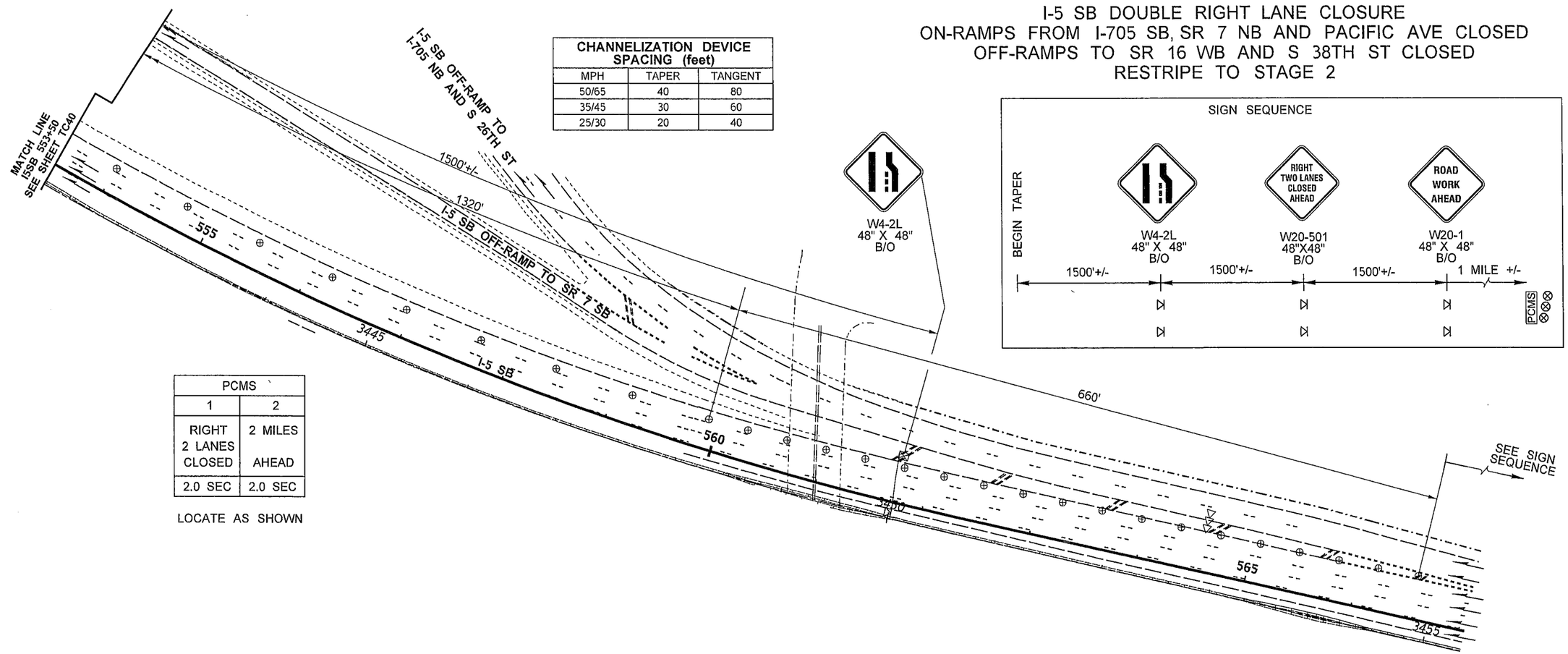
PLAN REF NO TC40

SHEET 1604 OF 1763 SHEETS

STAGE 1D

I-5 SB DOUBLE RIGHT LANE CLOSURE
ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
RESTRIPE TO STAGE 2

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



SIGN SEQUENCE

PCMS	
1	2
RIGHT 2 LANES CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AND COORDINATION WITH OTHER PROJECTS.
4. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMP FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
5. SEE DU24 FOR DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29, DU30, DU31 OR DU33.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_041.dgn					
TIME	12:55:31 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/13/2014					
PLOTTED BY	ShulerF				JOB NUMBER	
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

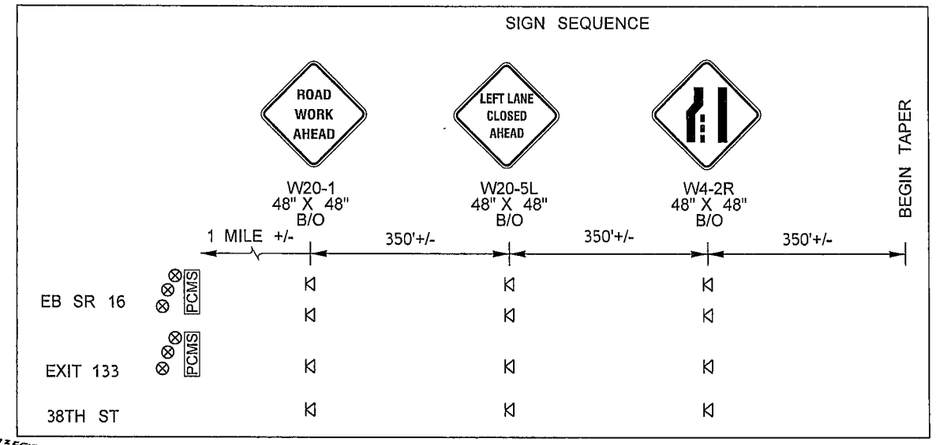
PLAN REF NO TC41

SHEET 1605 OF 1763 SHEETS

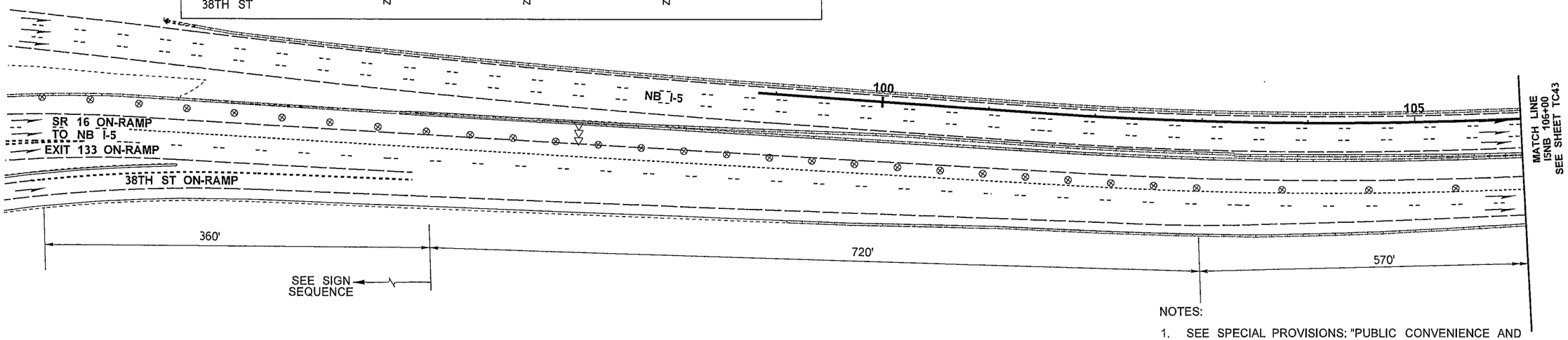
STAGE 1D
I-5 NB CD TO
I-5 NB MAINLINE CLOSED
RESTRIPE TO STAGE 2

PCMS	
1	2
LEFT LANE CLOSED	DETOUR FOR I-5 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
I-5 NB ON RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE S 38TH ST
WB 200' +/- FROM ON RAMP
EB 1100' +/- FROM ON RAMP

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU2 FOR DETOUR PLAN, USE SR7 OR I-705 AS NECESSARY.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_042.dgn
TIME	12:55:41 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

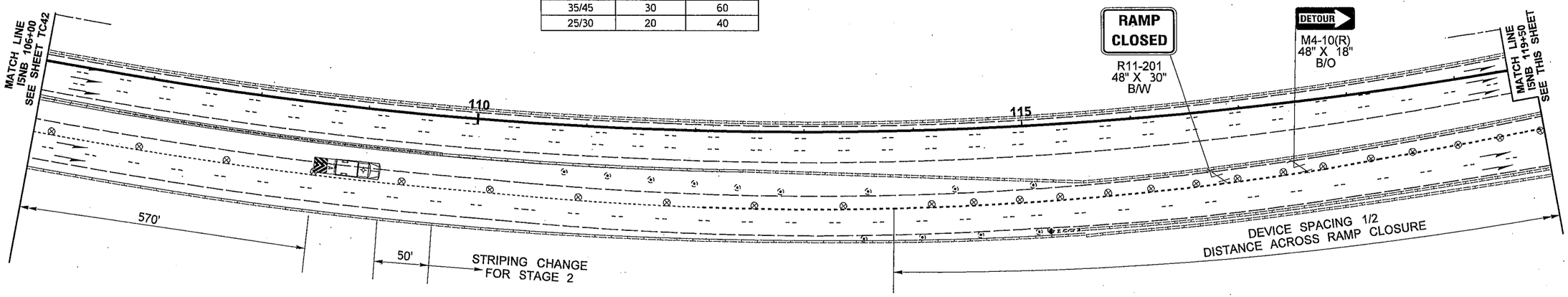
PLAN REF NO TC42

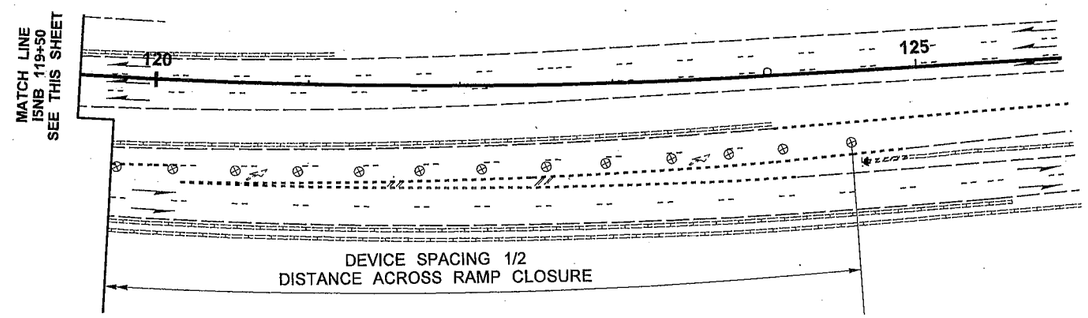
SHEET 1606 OF 1763 SHEETS

STAGE 1D

I-5 NB CD TO
I-5 NB MAINLINE CLOSED
RESTRIPE TO STAGE 2

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE SR7 OR I-705 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

- ⊗ TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_043.dgn
TIME	12:47:42 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE
P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

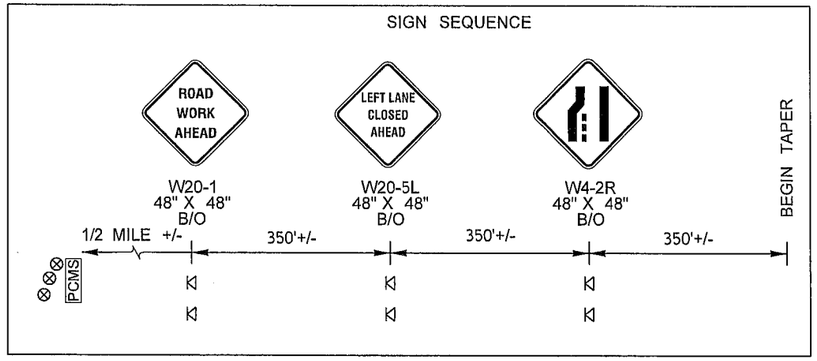
PLAN REF NO TC43
SHEET 1607 OF 1763 SHEETS

STAGE 2

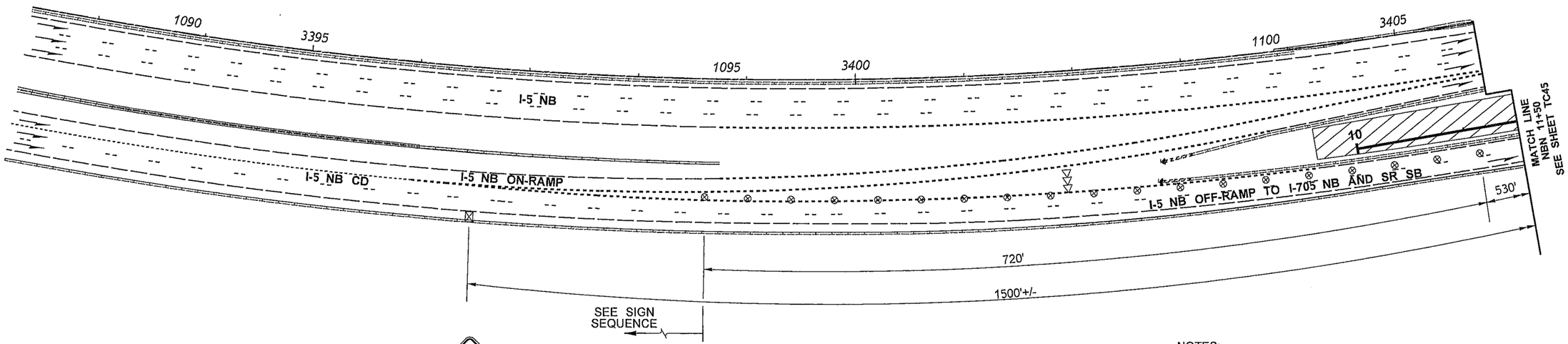
I-5 NB CD EXIT TO I-705 NB
LEFT LANE CLOSED

PCMS	
1	2
LEFT LANE CLOSED	EXIT TO I-705 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB
SR 16 EB
S 38TH ST ON-RAMP



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



TRUCKS LEAVING HIGHWAY

W21-30A
48" X 48"
B/O

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
▨	WORK AREA

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AND COORDINATION WITH OTHER PROJECTS.
4. PCMS SHALL NOT BE PLACE IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
6. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_044.dgn
TIME	12:55:58 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

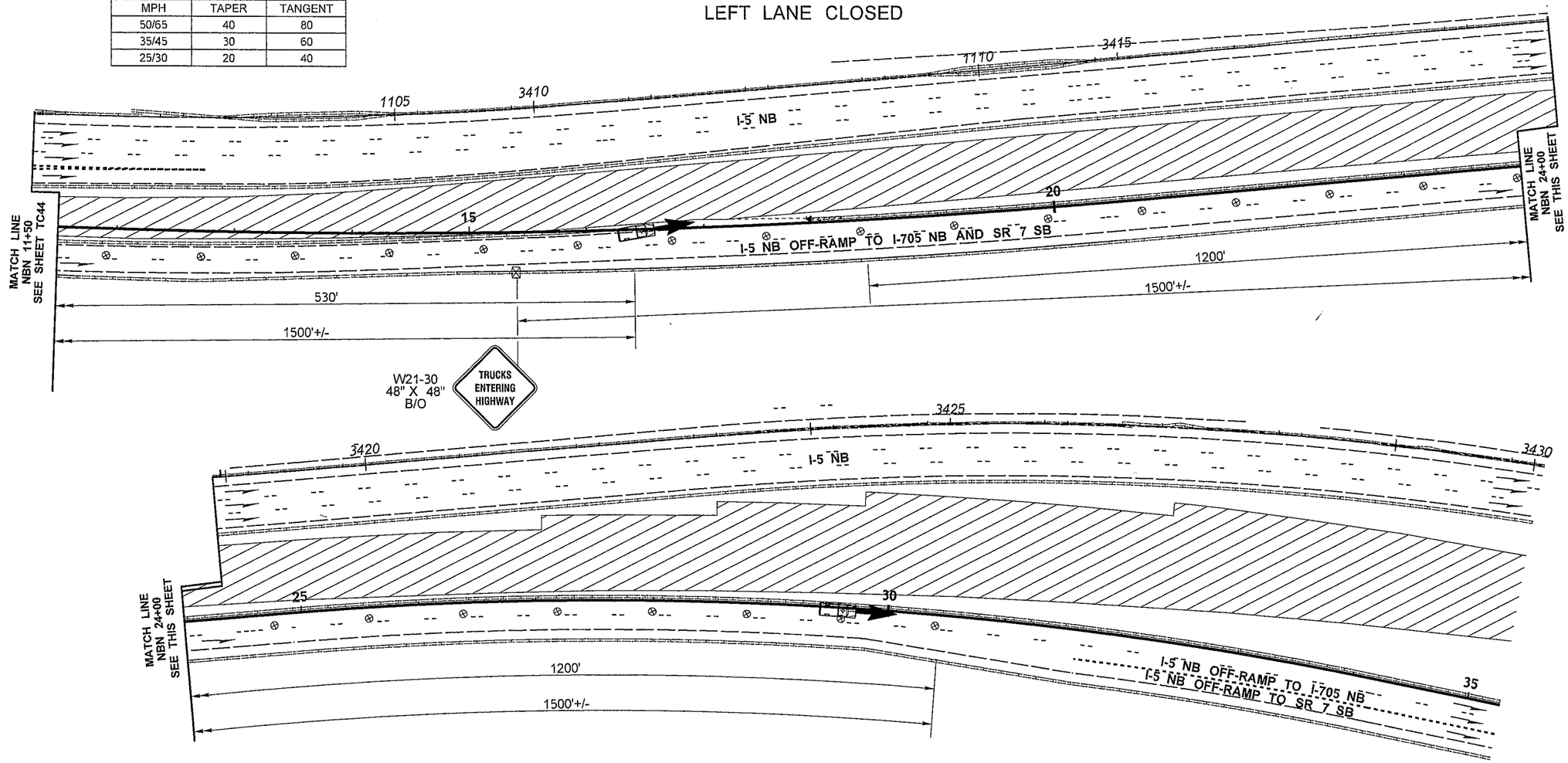
PLAN REF NO TC44

SHEET 1608 OF 1763 SHEETS

STAGE 2

I-5 NB CD EXIT TO I-705 NB
LEFT LANE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
▨	WORK AREA
←	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
6. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_045.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:56:07 PM				JOB NUMBER		
DATE	2/13/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
ENTERED BY	D. WENTZ						XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC45

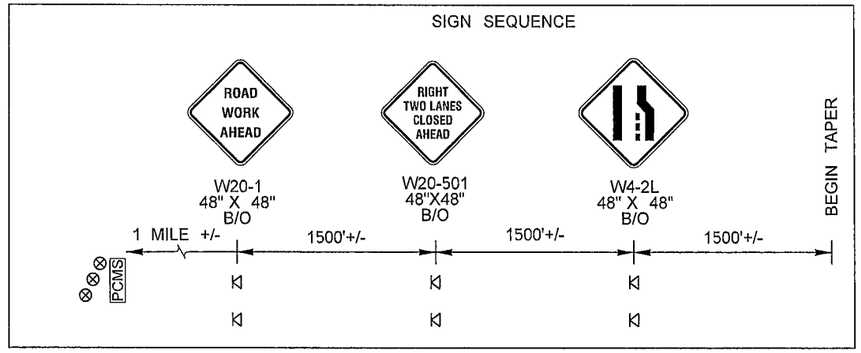
SHEET 1609 OF 1763 SHEETS

STAGE 2

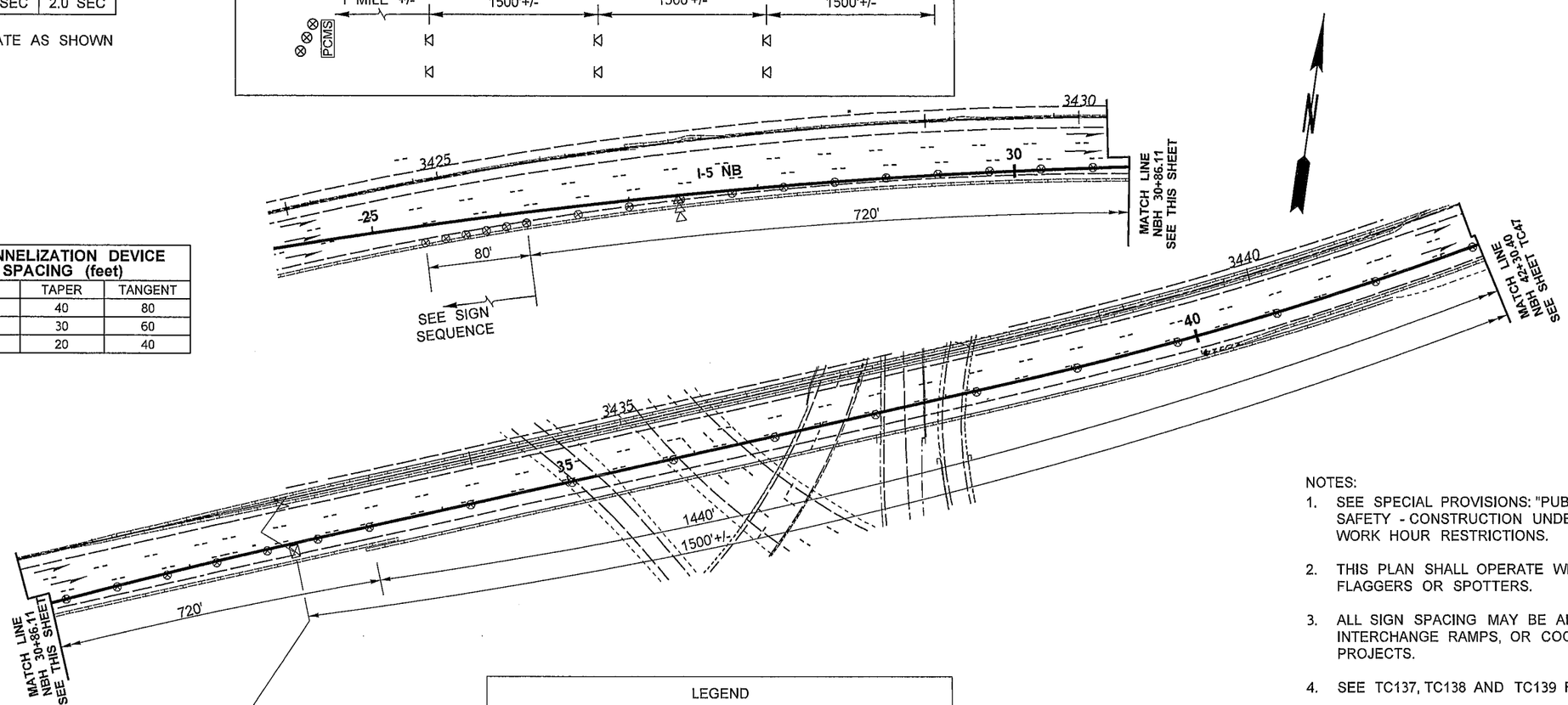
I-5 NB DOUBLE RIGHT LANE CLOSURE

PCMS	
1	2
LEFT 2 LANES CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



W4-2L
48" X 48"
B/O

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⋈	SIGN LOCATION - BARRIER MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC137, TC138 AND TC139 FOR CLOSURE PLANS.
5. SEE DU10 FOR DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU13, DU18, DU19, DU20, DU23, DU24, DU26, DU27, DU28 OR DU33.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_046.dgn
TIME	12:56:15 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

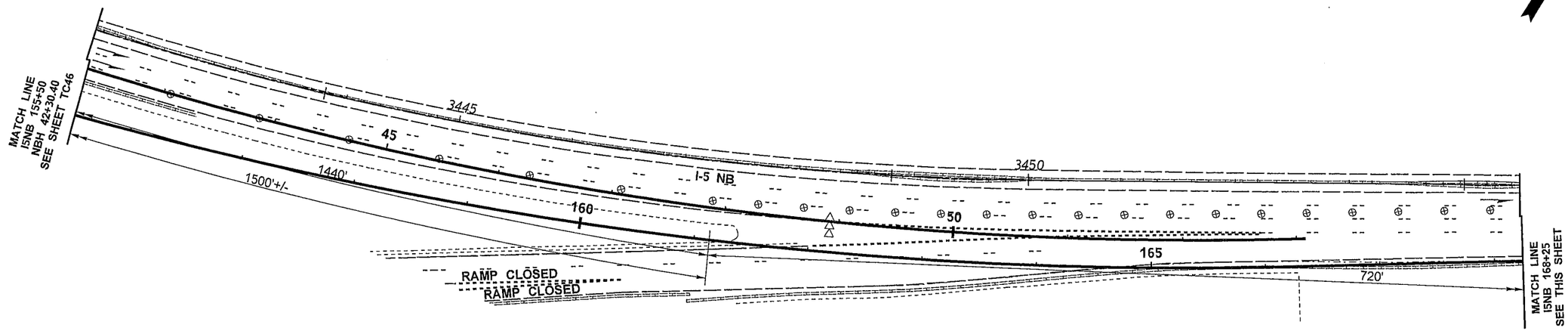
PLAN REF NO TC46

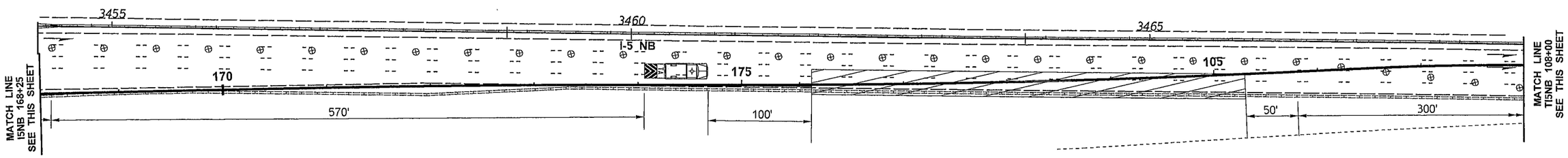
SHEET 1610 OF 1763 SHEETS

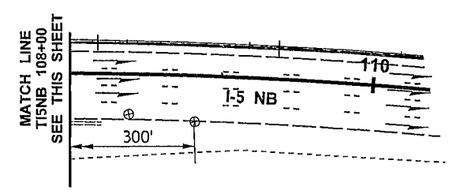
STAGE 2

I-5 NB DOUBLE RIGHT LANE CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40







NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC137, TC138 AND TC139 FOR CLOSURE PLANS.
4. SEE DU10 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU13, DU18, DU19, DU20, DU23, DU24, DU26, DU27, DU28 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

◁◁◁ SEQUENTIAL ARROW SIGN - TYPE C

TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_047.dgn
TIME	12:56:23 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

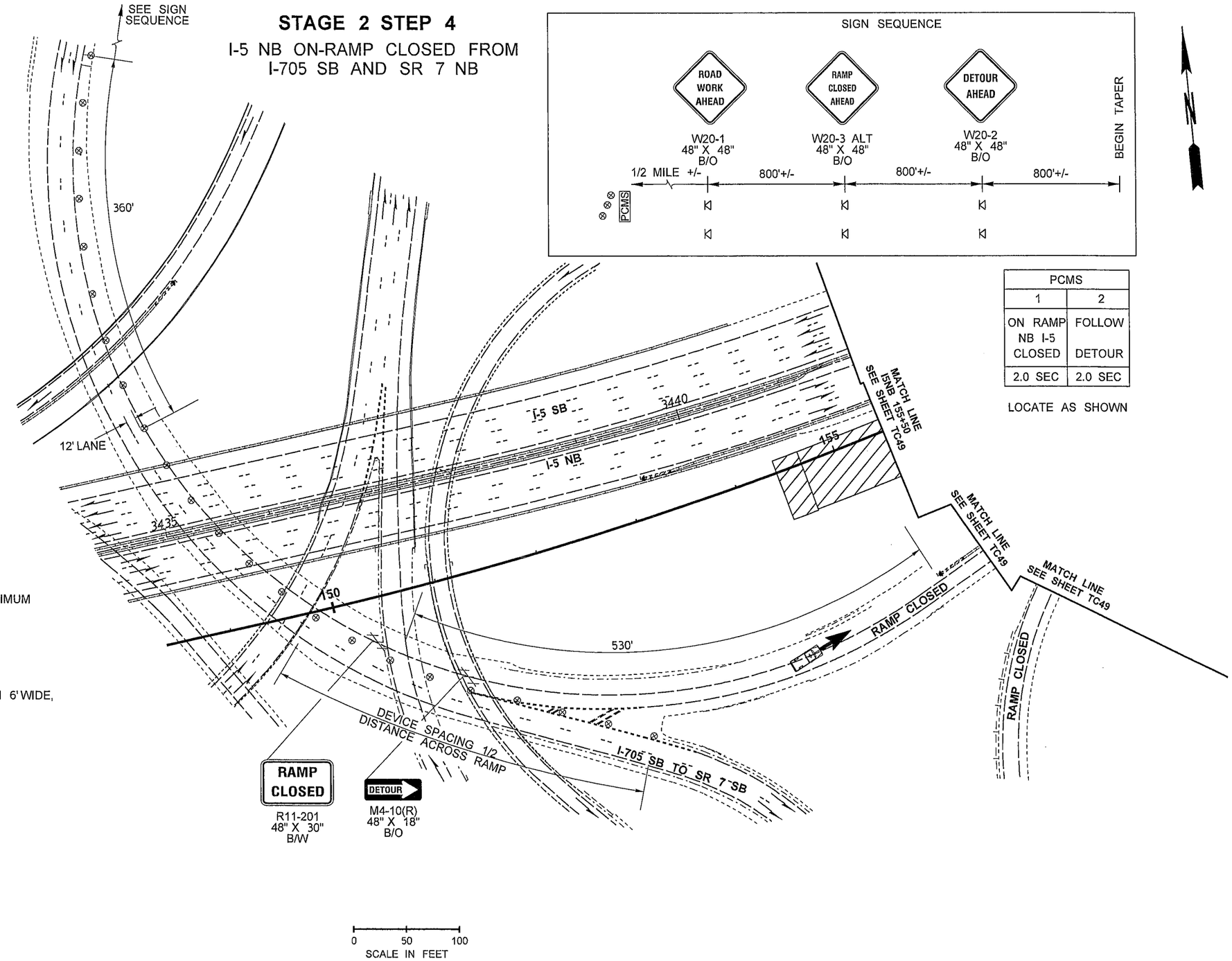
PLAN REF NO TC47

SHEET 1611 OF 1763 SHEETS

STAGE 2 STEP 4

I-5 NB ON-RAMP CLOSED FROM I-705 SB AND SR 7 NB

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
ON RAMP NB I-5 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC140 FOR SR7 TO NB I-5 CLOSURE PLAN.
5. SEE DU10 FOR DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU13, DU18, DU19, DU20, DU23, DU24, DU26, DU27, DU28 OR DU33.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	TRAFFIC SAFETY DRUM
	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	WORK AREA
	PERMITTED CONTRACTOR ACCESS

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_048.dgn
TIME	12:56:33 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

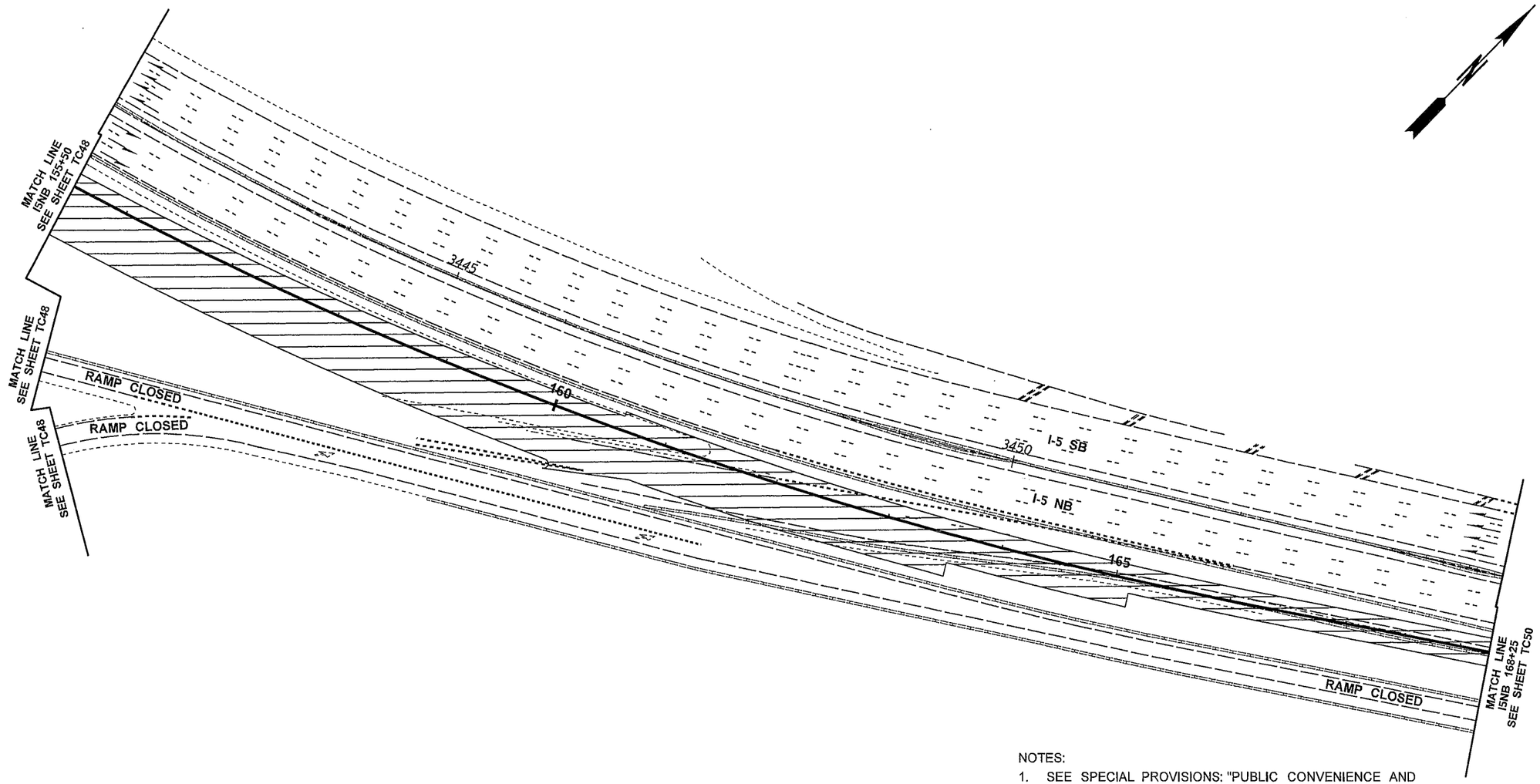
TRAFFIC CONTROL PLAN

PLAN REF NO TC48

SHEET 1612 OF 1763 SHEETS

STAGE 2 STEP 4

I-5 NB ON-RAMP CLOSED FROM
I-705 SB AND SR 7 NB



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140 FOR SR7 TO NB I-5 CLOSURE PLAN.
4. SEE DU10 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRETLY WITH DU2, DU3, DU8, DU9, DU13, DU18, DU19, DU20, DU23, DU24, DU26, DU27, DU28 OR DU33.

LEGEND

WORK AREA

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_049.dgn						
TIME	12:56:41 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/13/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

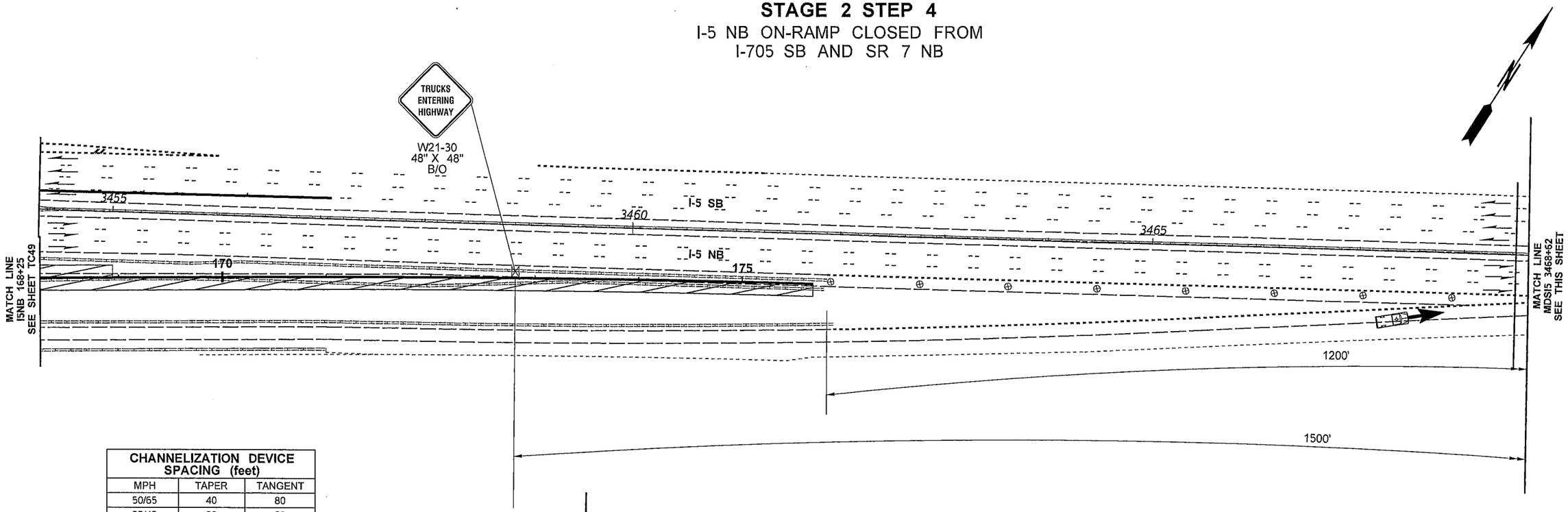
TRAFFIC CONTROL PLAN

PLAN REF NO
TC49

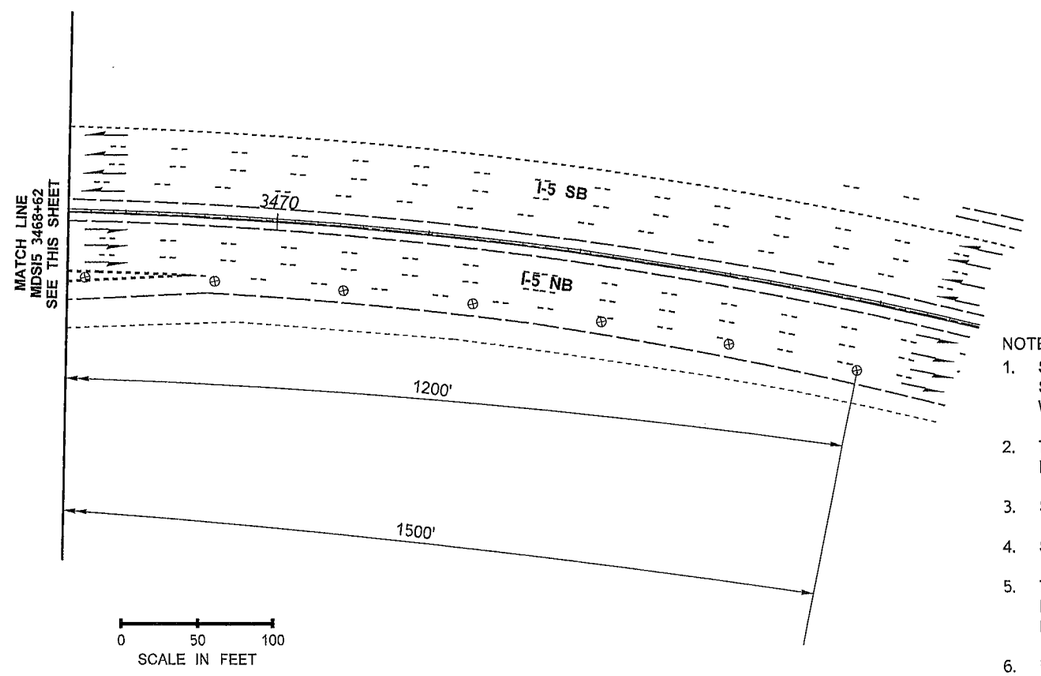
SHEET 1613 OF 1763 SHEETS

STAGE 2 STEP 4

I-5 NB ON-RAMP CLOSED FROM
I-705 SB AND SR 7 NB



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND

- SIGN LOCATION - BARRIER MOUNT
- TRAFFIC SAFETY DRUM
- WORK AREA
- PERMITTED CONTRACTOR ACCESS

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140 FOR SR7 TO NB I-5 CLOSURE PLAN.
4. SEE DU10 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU13, DU18, DU19, DU20, DU23, DU24, DU26, DU27, DU28 OR DU33.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_050.dgn
TIME	12:56:50 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC50

SHEET 1614 OF 1763 SHEETS

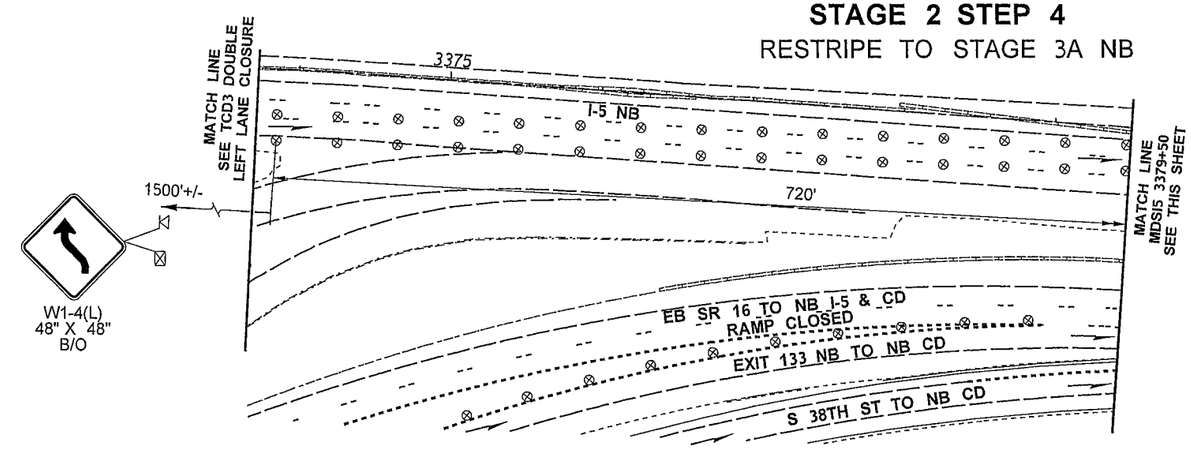
STAGE 2 STEP 4

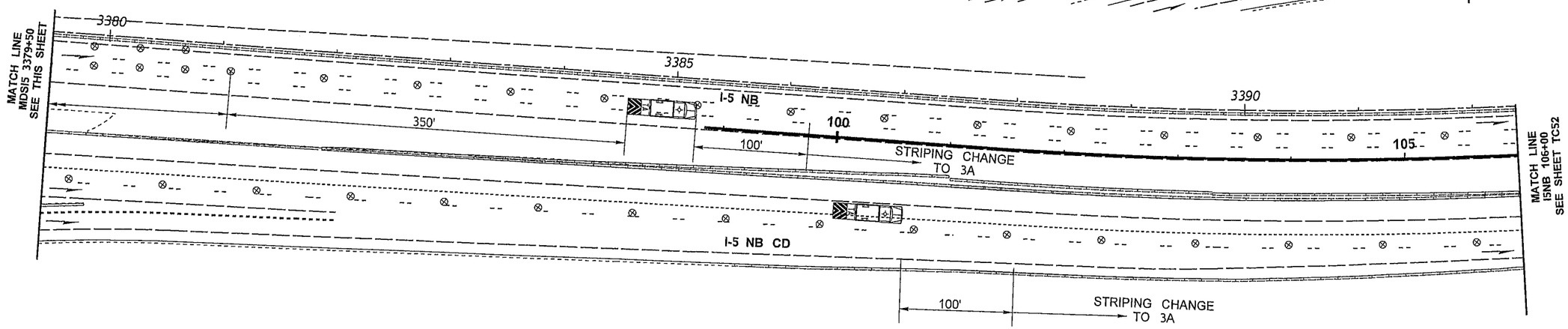
RESTRIPE TO STAGE 3A NB

PCMS	
1	2
EXIT TO NB I-5 CLOSED	ALT ROUTE ADVISED
2.0 SEC	2.0 SEC

LOCATE ON S 38TH ST
WB 200' FROM ON RAMP
EB 1100' FROM ON RAMP

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC131, TC132, TC133 AND DU3 FOR EB SR16 DETOUR.
5. SEE DU2 FOR DETOUR PLAN, USE SR7 OR I-705 AS NECESSARY.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_051.dgn
TIME	12:56:59 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

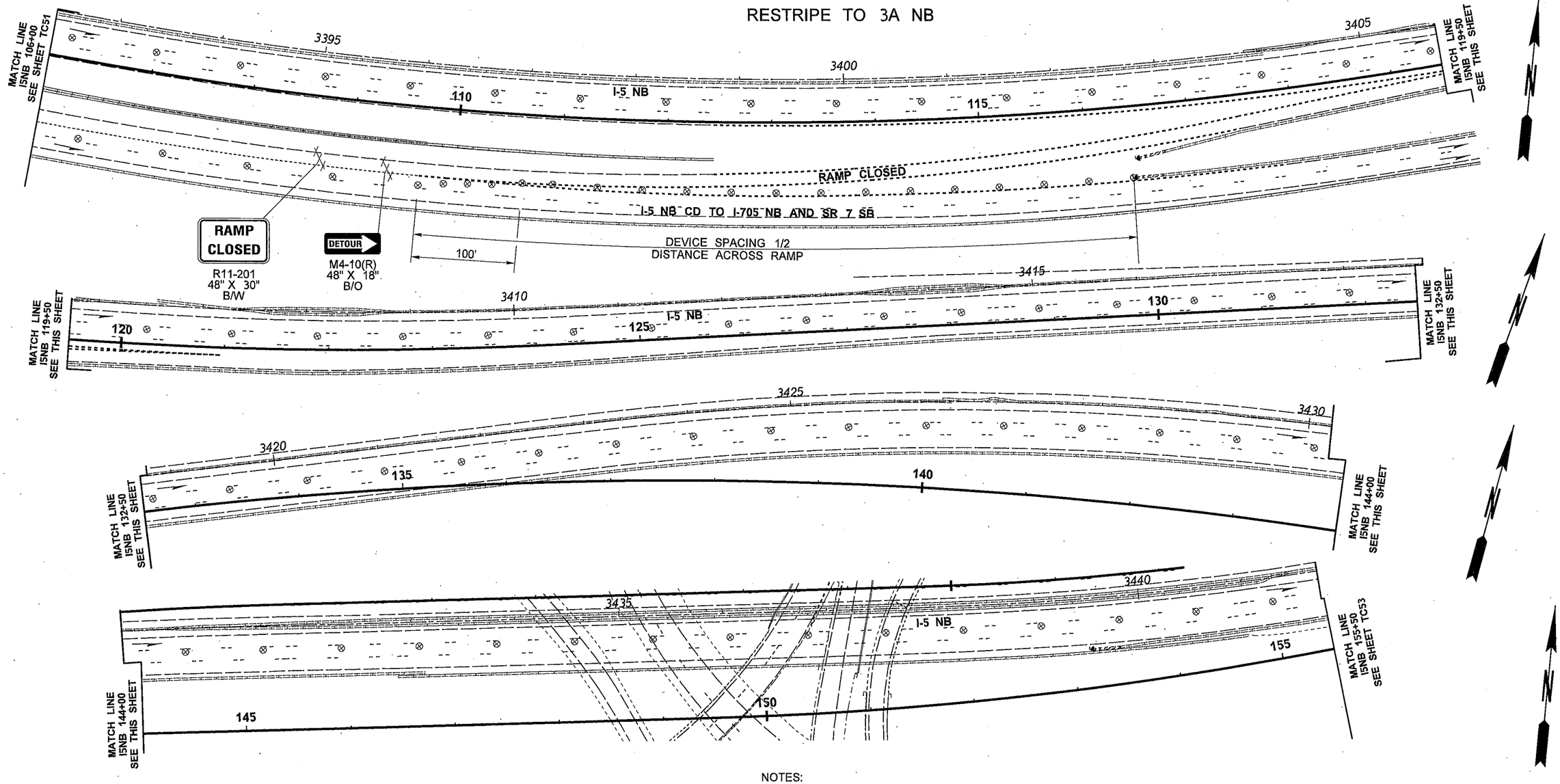
TRAFFIC CONTROL PLAN

PLAN REF NO TC51

SHEET 1615 OF 1763 SHEETS

STAGE 2 STEP 4

RESTRIPE TO 3A NB



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC131, TC132, TC133 AND DU3 FOR EB SR16 DETOUR.
4. SEE DU2 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

TYPE 3 BARRICADE

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_052.dgn
TIME	12:47:55 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

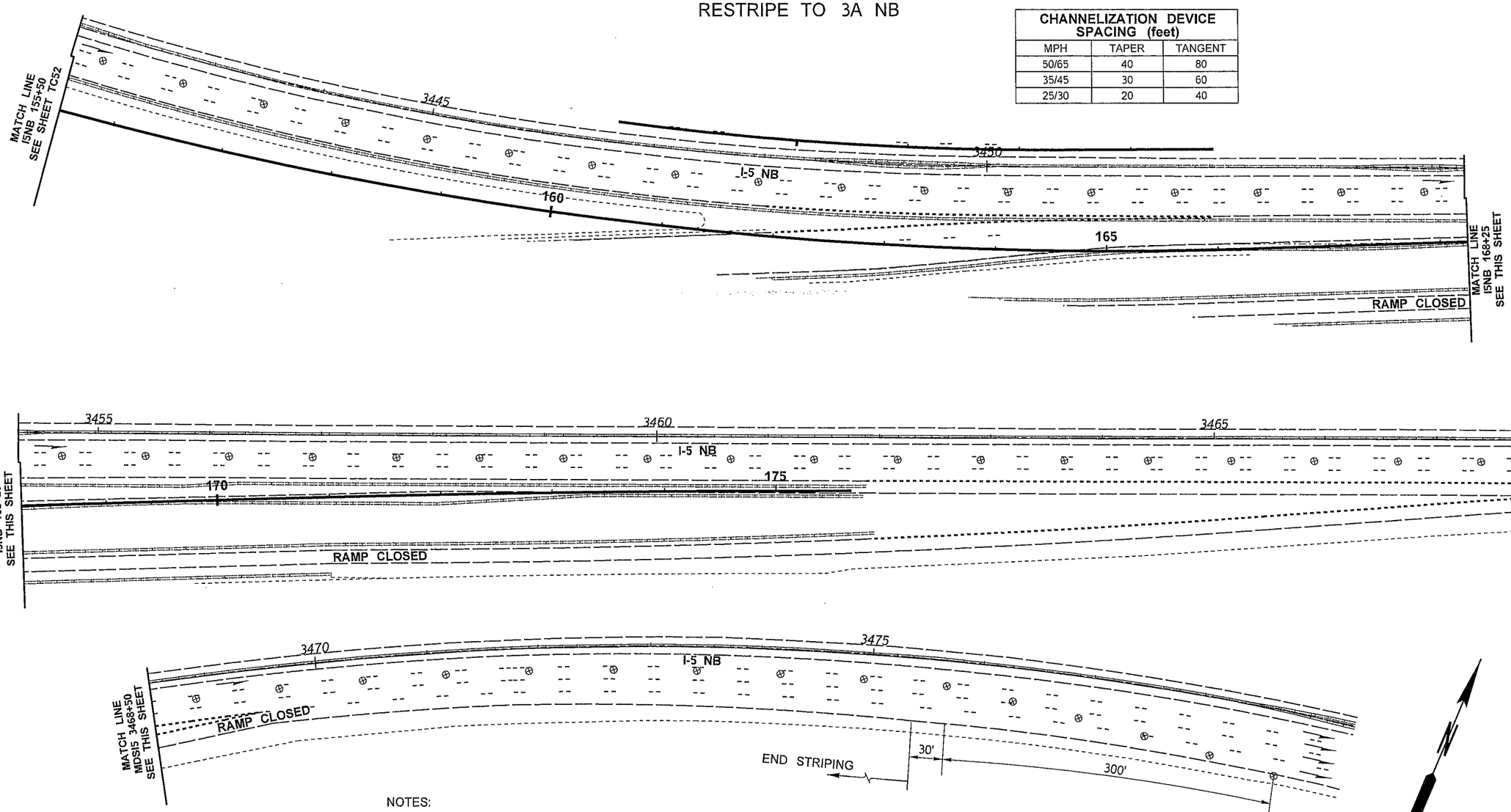
PLAN REF NO TC52

SHEET 1616 OF 1763 SHEETS

STAGE 2 STEP 4

RESTRIPE TO 3A NB

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC131, TC132, TC133 AND DU3 FOR EB SR16 DETOUR.
4. SEE DU2 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_053.dgn
TIME	12:57:20 PM
DATE	2/13/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

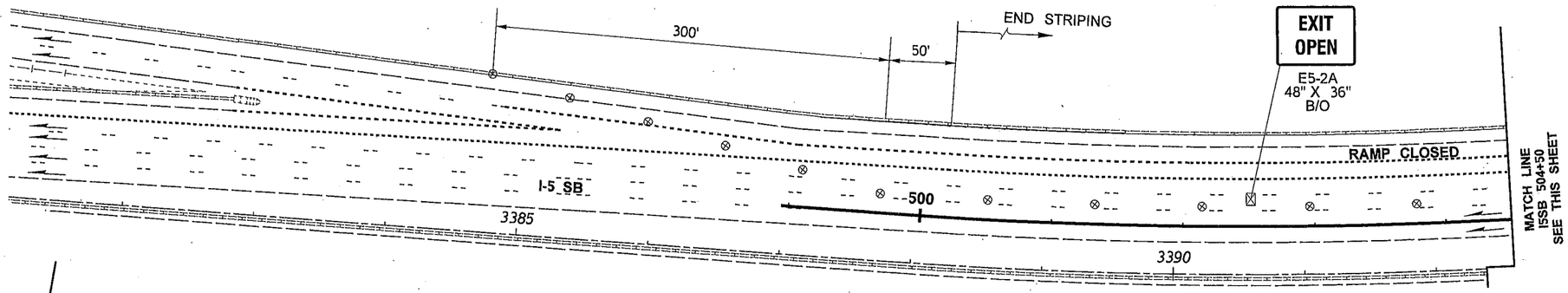
TRAFFIC CONTROL PLAN

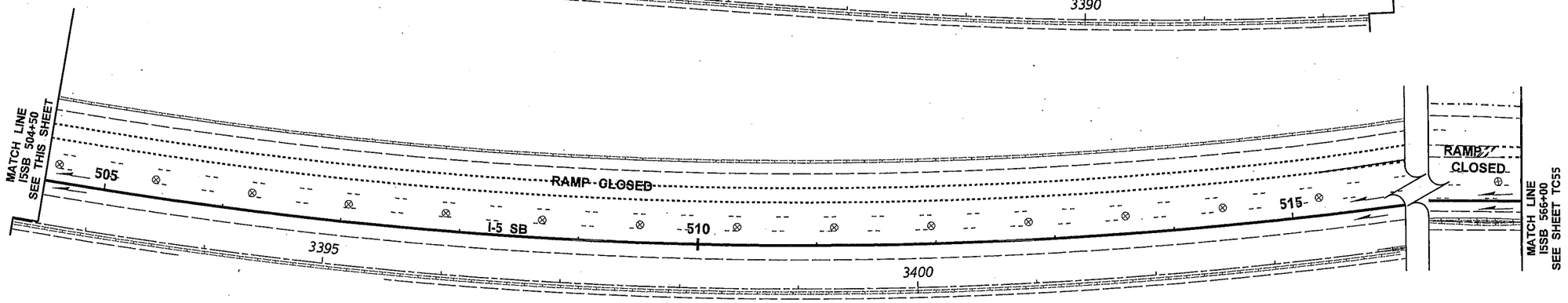
PLAN REF NO TC53

SHEET 1617 OF 1763 SHEETS

STAGE 2 STEP 4

RESTRIPE TO 3A SB
DOUBLE RIGHT LANE CLOSURE





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. SEE TC137, TC138, TC139, TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29 OR DU31.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_054.dgn					
TIME	12:48:08 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014				JOB NUMBER	
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

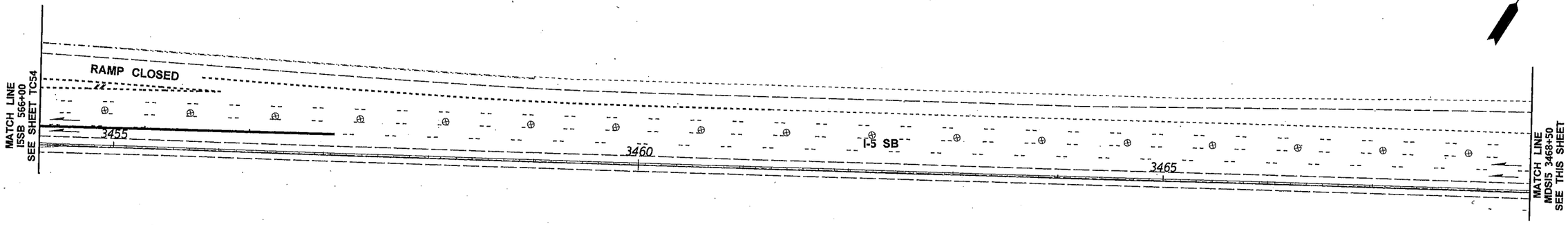
TRAFFIC CONTROL PLAN

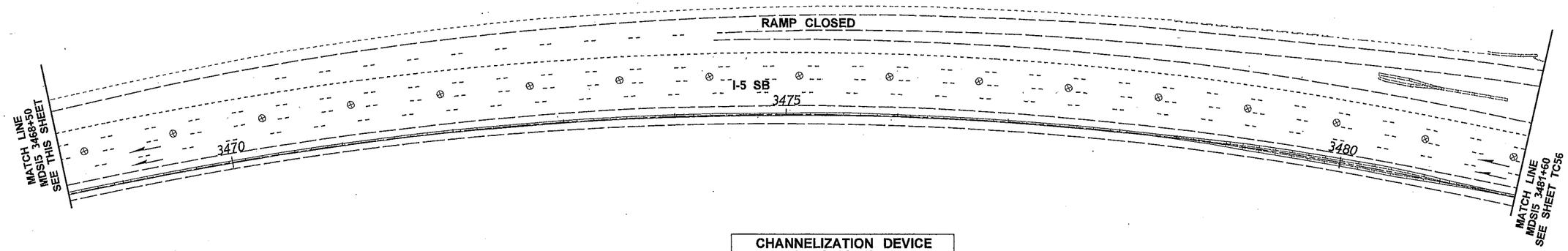
PLAN REF NO
TC54

SHEET 1618 OF 1763 SHEETS

STAGE 2 STEP 4

RESTRIPE TO 3A SB
DOUBLE RIGHT LANE CLOSURE





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. SEE TC137, TC138, TC139, TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29 DU31 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_055.dgn
TIME	12:48:19 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

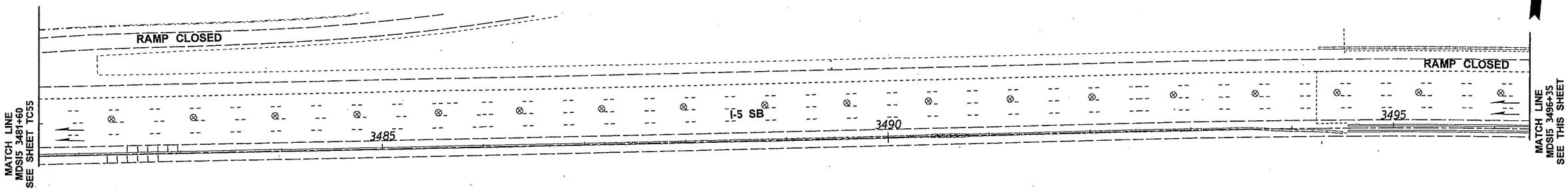
I-5
M ST TO PORTLAND AVE - HOV

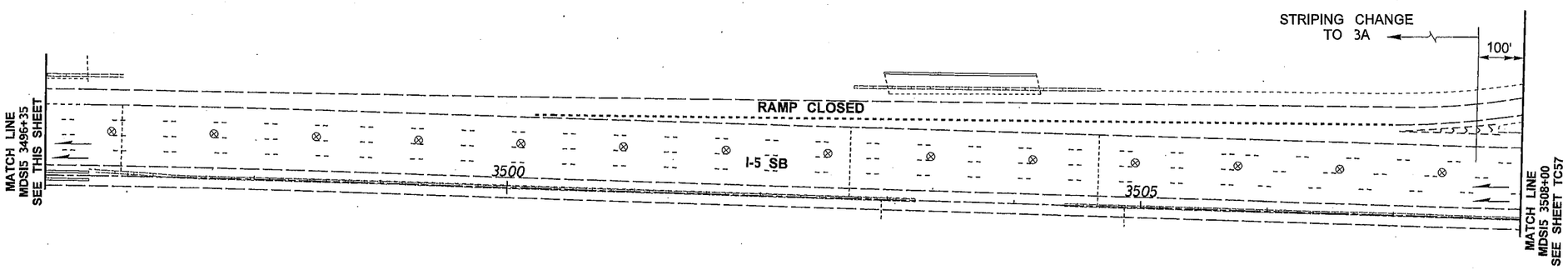
TRAFFIC CONTROL PLAN

PLAN REF NO TC55

SHEET 1619 OF 1763 SHEETS

STAGE 2 STEP 4
RESTRIPE TO 3A SB
DOUBLE RIGHT LANE CLOSURE





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. SEE TC137, TC138, TC139, TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29 OR DU31.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_056.dgn
TIME	12:48:33 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

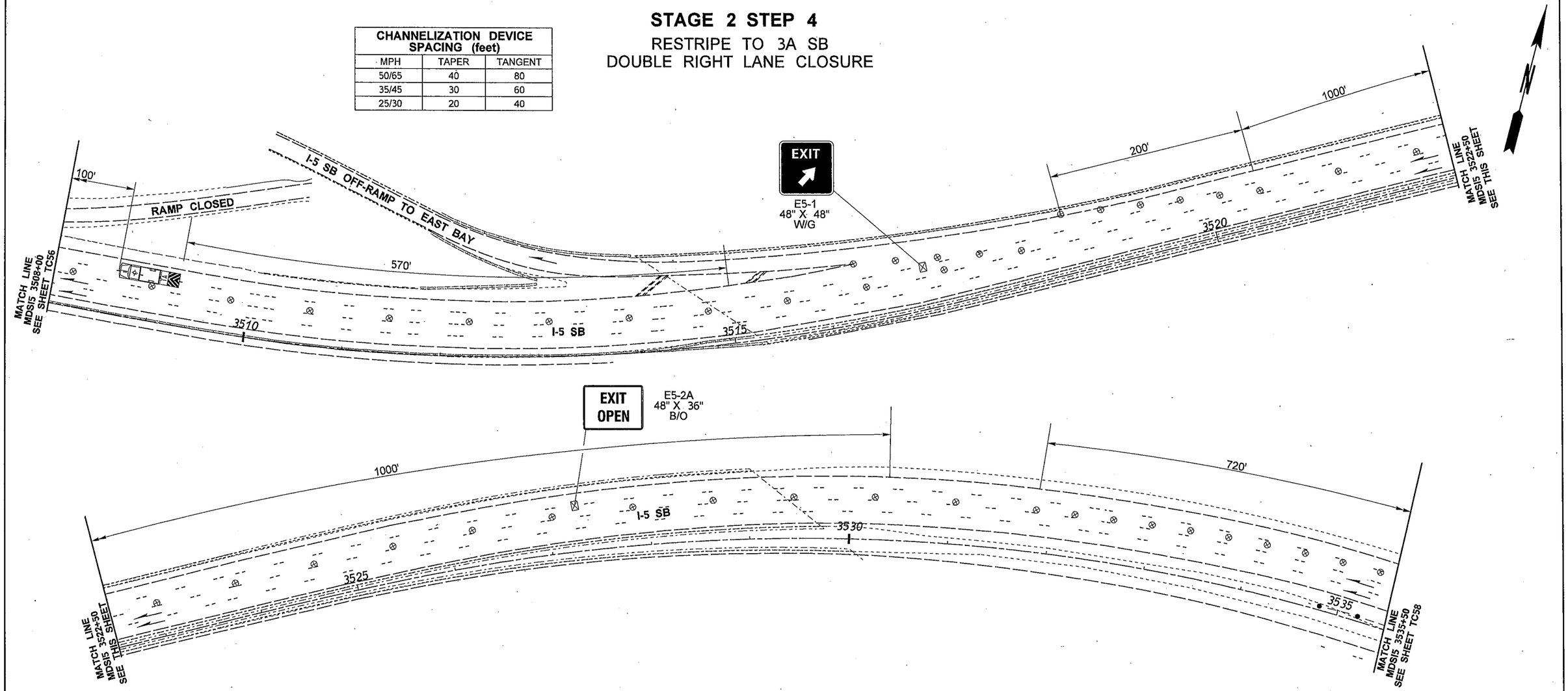
PLAN REF NO TC56

SHEET 1620 OF 1763 SHEETS

STAGE 2 STEP 4

RESTRIPE TO 3A SB
DOUBLE RIGHT LANE CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN, 7' FOR E5-1)
⊗	TRAFFIC SAFETY DRUM
	TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. SEE TC137, TC138, TC139, TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29 OR DU31.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

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TIME	12:48:49 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014				JOB NUMBER	
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ				CONTRACT NO.	LOCATION NO. XL3497
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

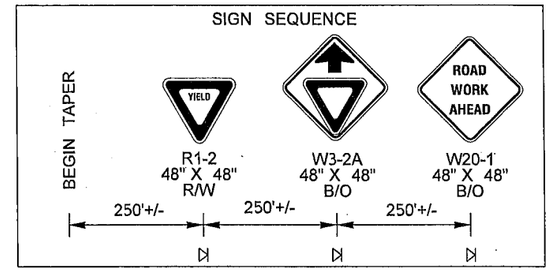
TRAFFIC CONTROL PLAN

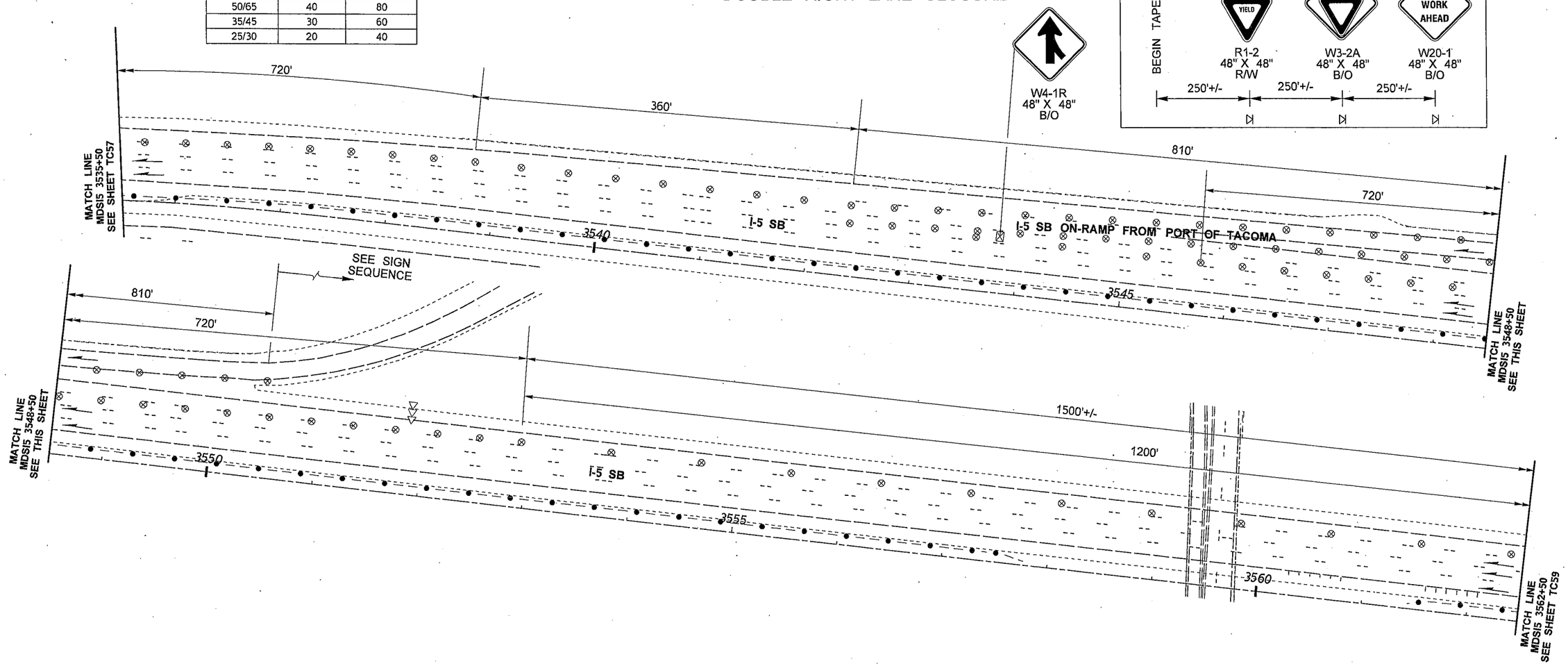
PLAN REF NO TC57

SHEET 1621 OF 1763 SHEETS

STAGE 2 STEP 4
RESTRIPE TO STAGE 3A SB
DOUBLE RIGHT LANE CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU33 FOR DETOUR PLAN.
5. SEE TC137, TC138, TC139, TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU27, DU28, DU29 OR DU31.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_058.dgn
TIME	12:49:04 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

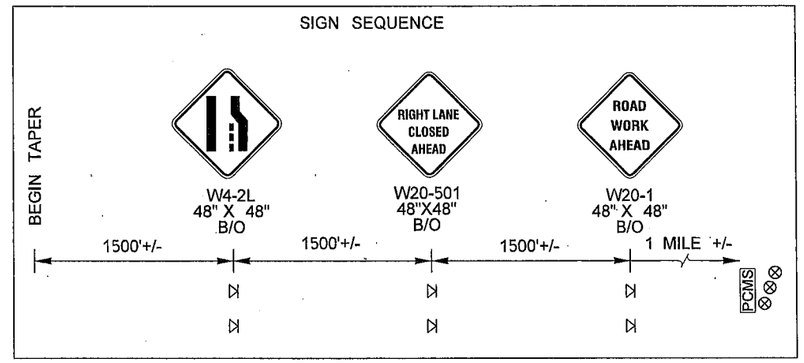
PLAN REF NO TC58

SHEET 1622 OF 1763 SHEETS

STAGE 2 STEP 4

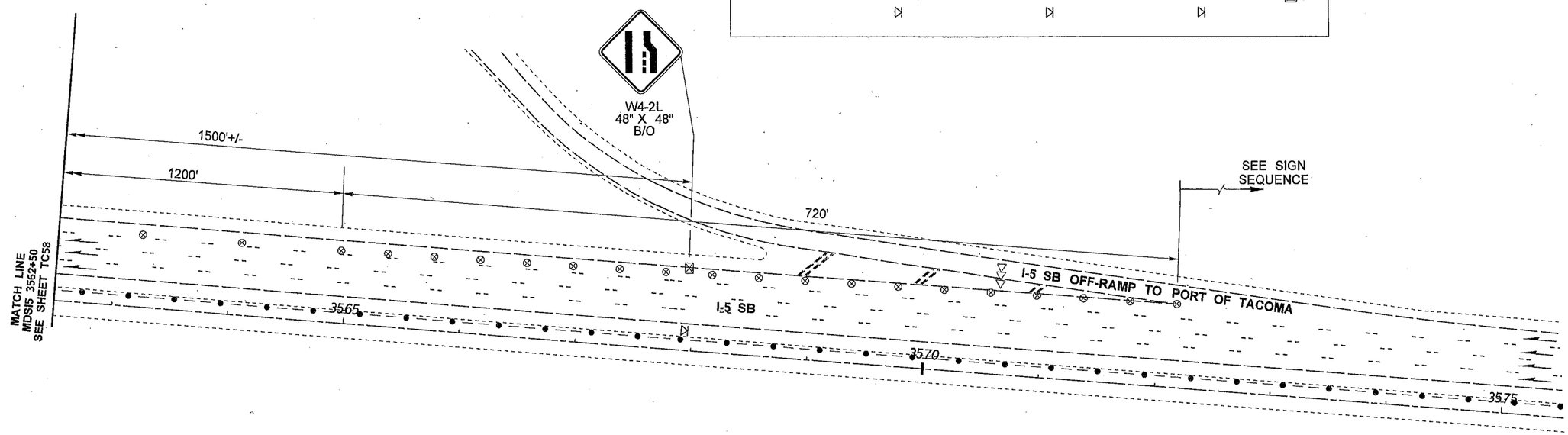
RESTRIPE TO 3A SB
DOUBLE RIGHT LANE CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
RIGHT 2 LANES CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU33 FOR DETOUR PLAN.
5. SEE TC137, TC138, TC139, TC140, TC141 AND TC142 FOR TRAFFIC CONTROL PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU23, DU22, DU25, DU27, DU28, DU29 OR DU31.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_059.dgn						
TIME	12:49:13 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.	LOCATION NO. XL3497	
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

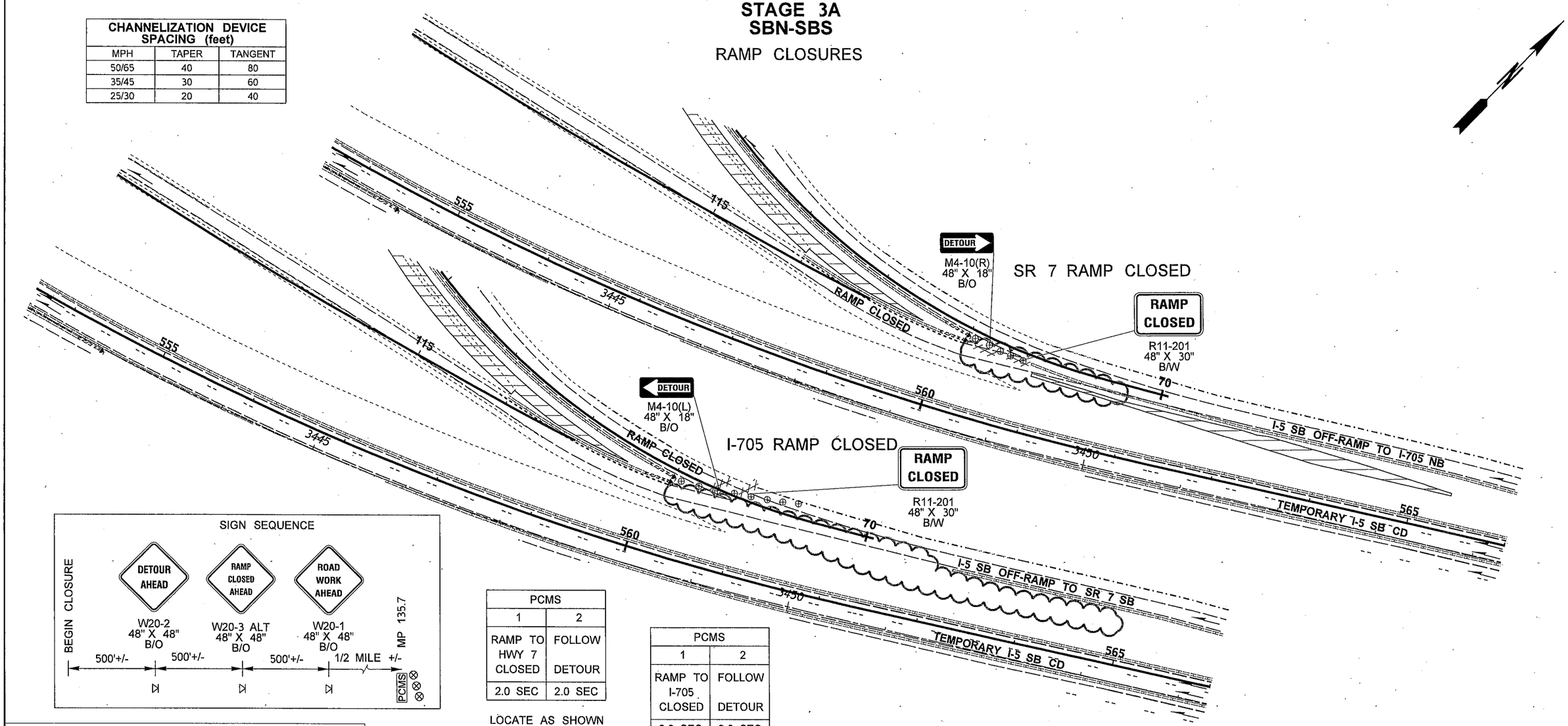
TRAFFIC CONTROL PLAN

PLAN REF NO TC59

SHEET 1623 OF 1763 SHEETS

STAGE 3A
SBN-SBS
RAMP CLOSURES

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
RAMP TO HWY 7 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

PCMS	
1	2
RAMP TO I-705 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	TRAFFIC SAFETY DRUM
	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	WORK AREA

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU17 (SR7), DU18 (I-705) FOR DETOUR PLAN.
4. DU17 CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU8, DU10, DU12, DU17, DU18, DU27 OR DU32.

   DU18 CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU6, DU9, DU10, DU12, DU17, DU19, DU26, DU27 OR DU32.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\ADD1_P3497_SH_TC_060.dgn
TIME	7:48:07 AM
DATE	4/28/2014
PLOTTED BY	WentzD
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
AD1 - EXISTING BASE DATA CHANGE	5/2/2014	DW.

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

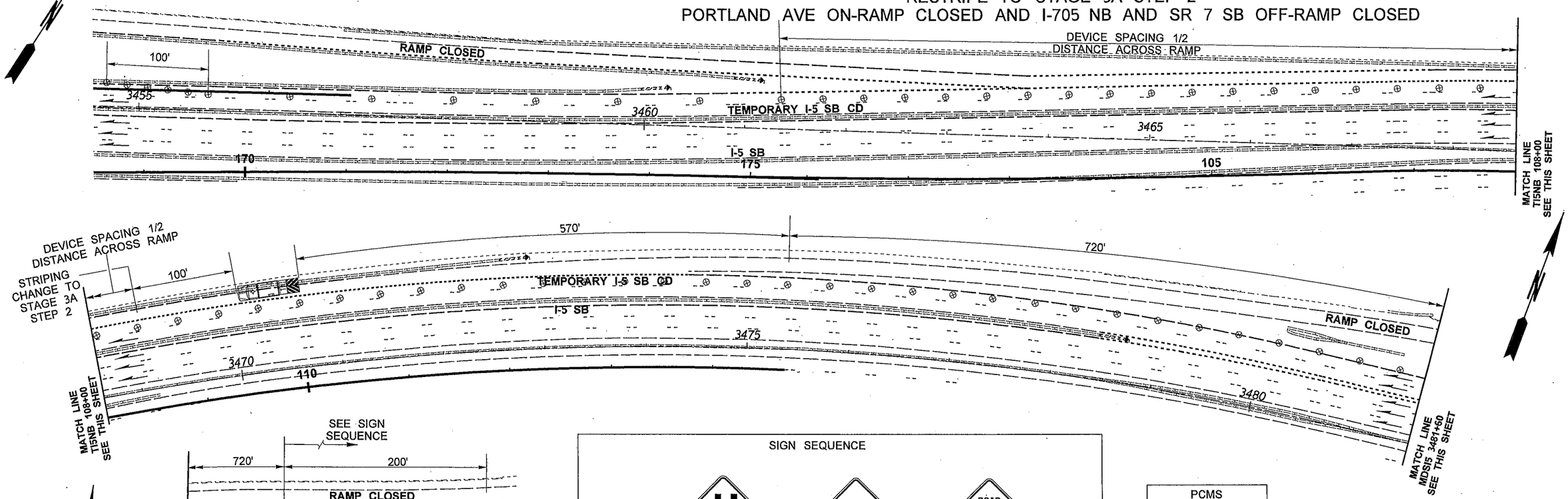
TRAFFIC CONTROL PLAN

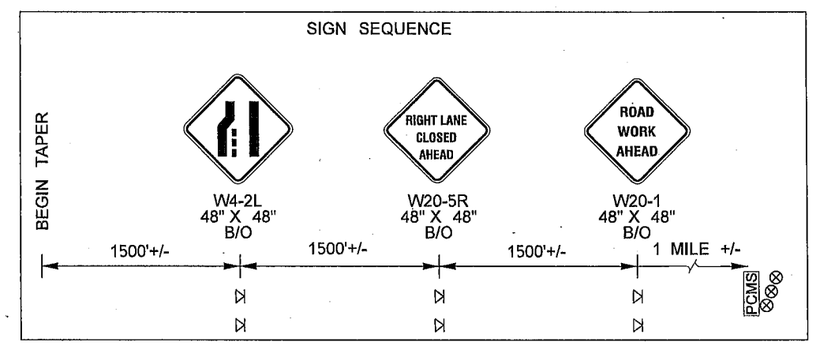
PLAN REF NO TC60

SHEET 1624 OF 1763 SHEETS

STAGE 3A
SBN-SBS

I-5 SB RIGHT LANE CLOSURE
RESTRIPE TO STAGE 3A STEP 2
PORTLAND AVE ON-RAMP CLOSED AND I-705 NB AND SR 7 SB OFF-RAMP CLOSED





PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND	
⋪	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
	TYPE 3 BARRICADE
	TRANSPORTABLE ATTENUATOR

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU30, DU32 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_061.dgn
TIME	12:59:22 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

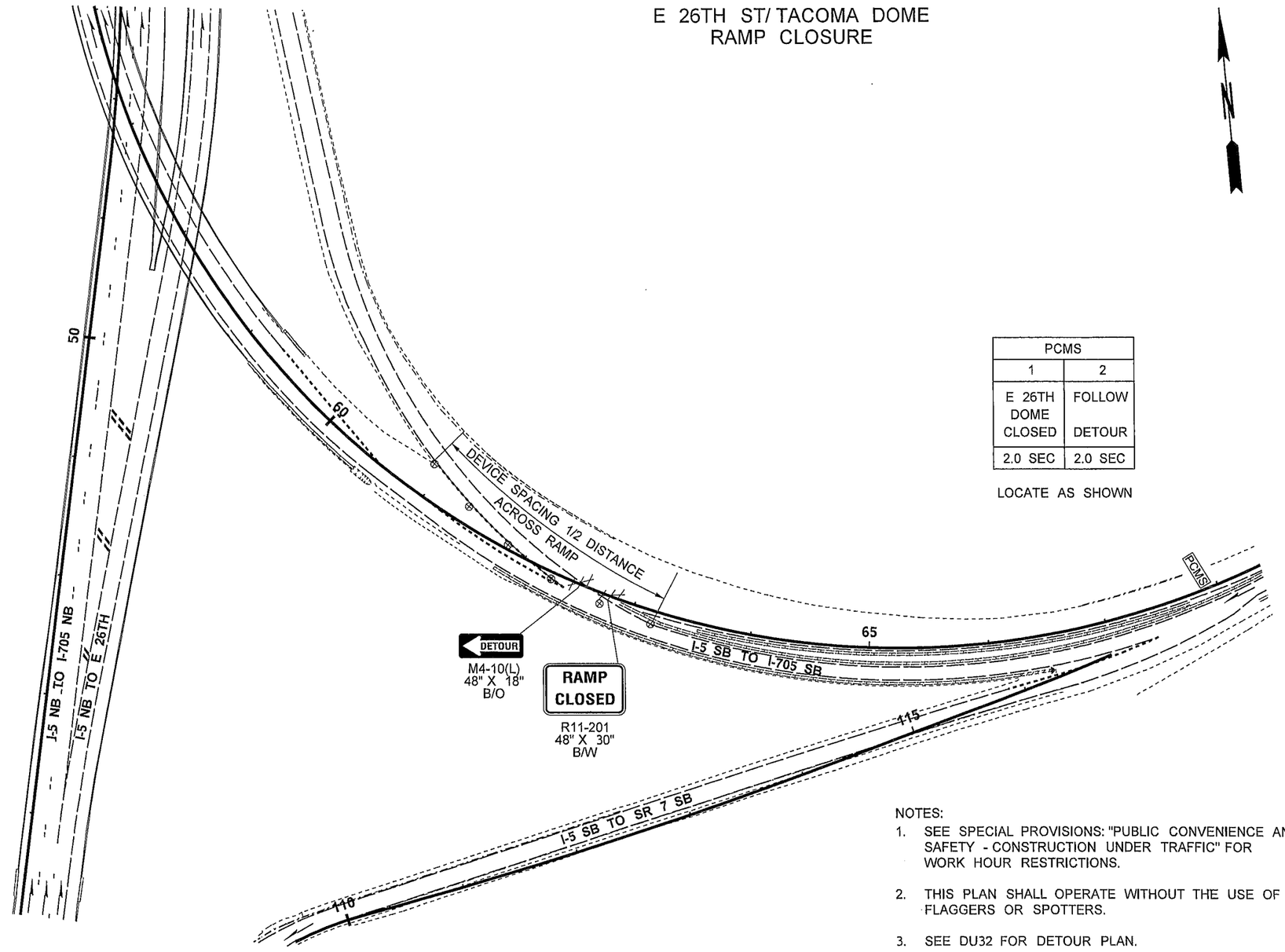
PLAN REF NO TC61

SHEET 1625 OF 1763 SHEETS

STAGE 3A STEP 2

E 26TH ST/ TACOMA DOME
RAMP CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
E 26TH DOME CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND	
⊗	TRAFFIC SAFETY DRUM
⧵⧵⧵	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU32 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU9, DU10, DU12, DU17, DU18, DU19, DU20 OR DU33.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_062.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:28:55 PM				JOB NUMBER		
DATE	2/18/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D.WENTZ				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	D.WENTZ						
CHECKED BY	R.CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

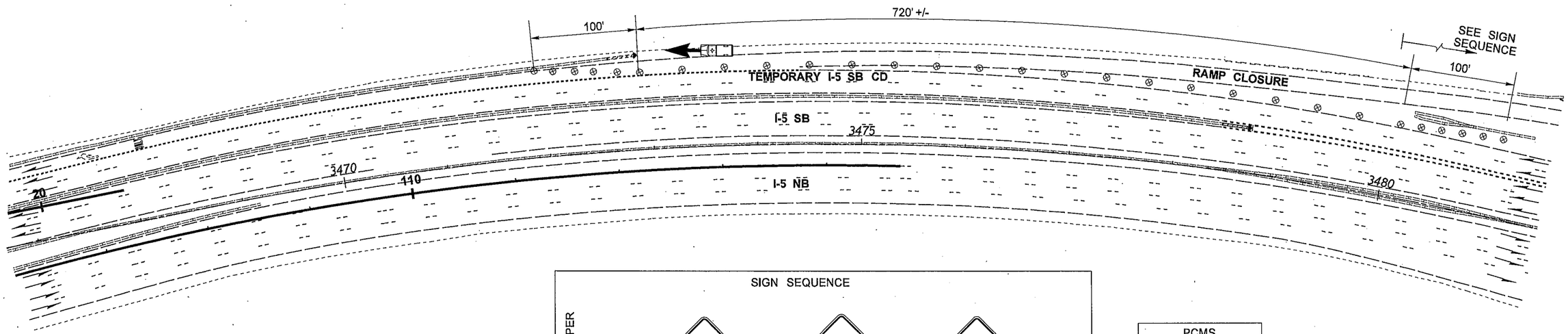
TRAFFIC CONTROL PLAN

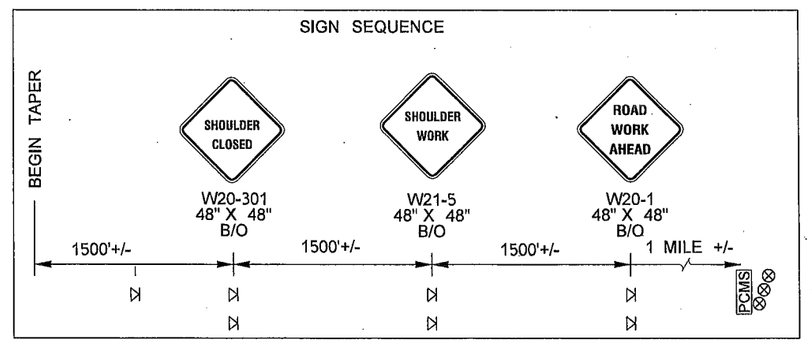
PLAN REF NO
TC62

SHEET 1626 OF 1763 SHEETS

STAGE 3A STEP 2
SBN-SBS
PORTLAND AVE ON-RAMP CLOSURE
WORK AREA ACCESS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





PCMS	
1	2
RIGHT SHOULDER CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. SEE DU13 OR DU13A FOR DETOUR PLAN.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

0 50 100
SCALE IN FEET

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
◄	PERMITTED CONTRACTOR ACCESS

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_063.dgn
TIME	12:59:31 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

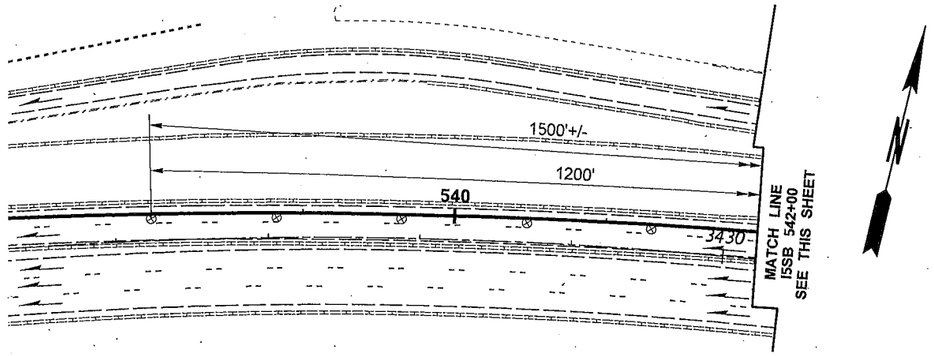
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

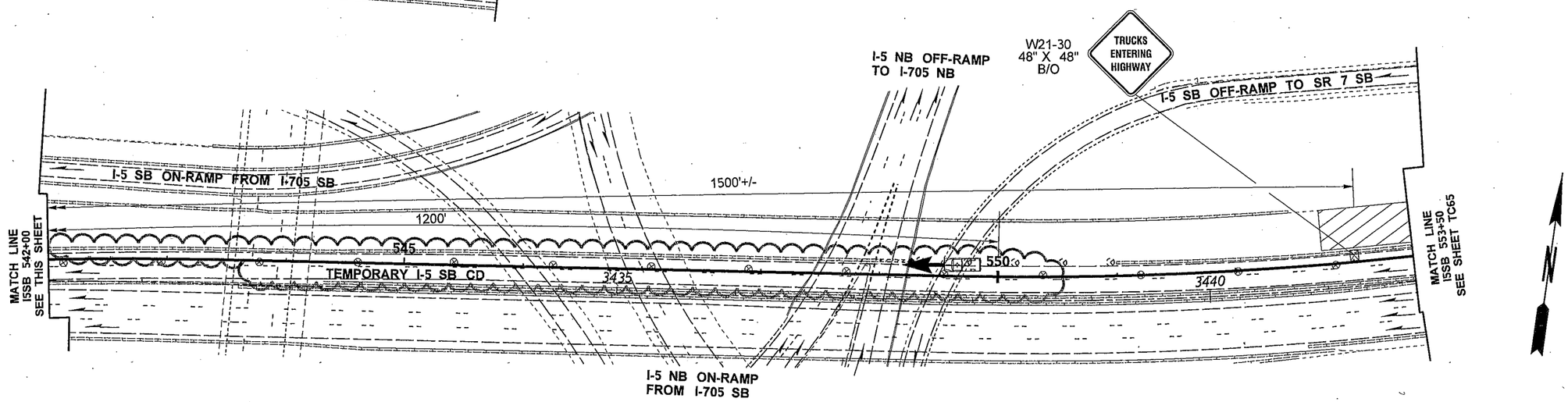
PLAN REF NO TC63

SHEET 1627 OF 1763 SHEETS

STAGE 3A STEP 2 & STEP 3
SBN-SBS
I-5 SB RIGHT LANE CLOSURE
WORK AREA ACCESS



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
▨	WORK AREA
←	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:
1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
5. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\ADD1_P3497_SH_TC_064.dgn			
TIME	7:48:14 AM			
DATE	4/28/2014			
PLOTTED BY	WentzD			
DESIGNED BY	D. WENTZ			
ENTERED BY	D. WENTZ			
CHECKED BY	R. CRUMBLEY			
PROJ. ENGR.	J. PEREZ	AD1 - EXISTING BASE DATA CHANGE	5/2/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

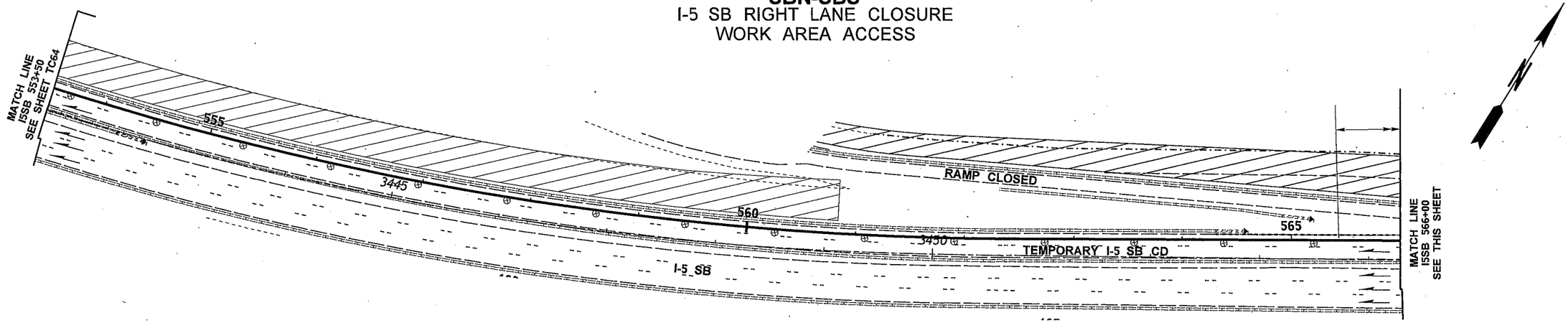
I-5
M ST TO PORTLAND AVE - HOV

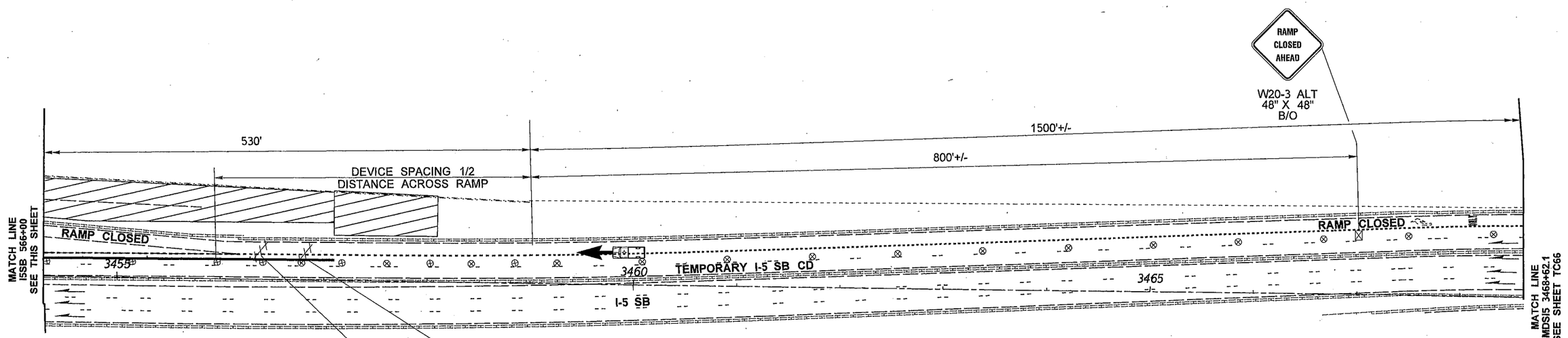
TRAFFIC CONTROL PLAN

PLAN REF NO TC64

SHEET 1628 OF 1763 SHEETS

STAGE 3A STEP 2 & STEP 3
SBN-SBS
I-5 SB RIGHT LANE CLOSURE
WORK AREA ACCESS





LEGEND

- ⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- ⊗ TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- WORK AREA
- PERMITTED CONTRACTOR ACCESS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
5. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_065.dgn
TIME	12:59:41 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

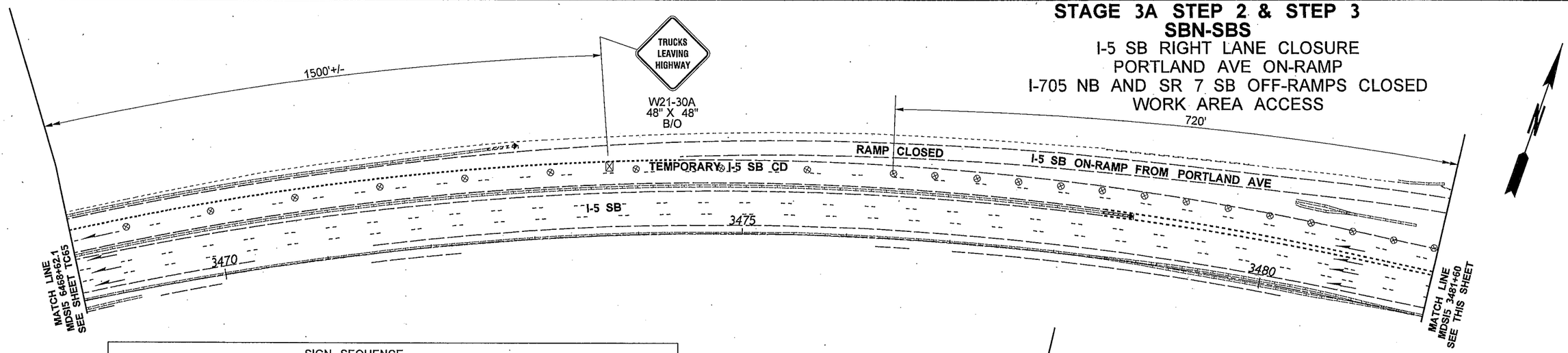
I-5
M ST TO PORTLAND AVE - HOV

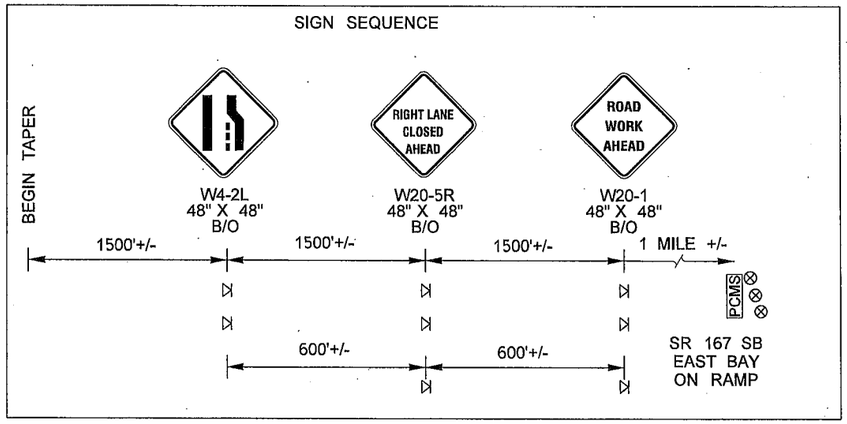
TRAFFIC CONTROL PLAN

PLAN REF NO TC65

SHEET 1629 OF 1763 SHEETS

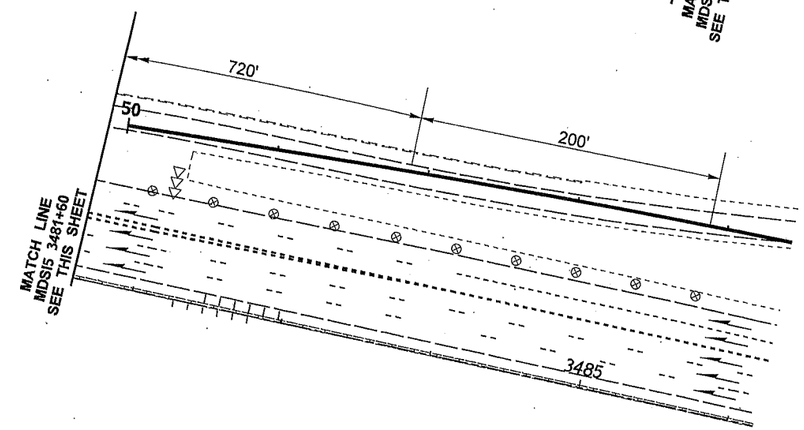
STAGE 3A STEP 2 & STEP 3
SBN-SBS
I-5 SB RIGHT LANE CLOSURE
PORTLAND AVE ON-RAMP
I-705 NB AND SR 7 SB OFF-RAMPS CLOSED
WORK AREA ACCESS





PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:
1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_066.dgn
TIME	12:59:52 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

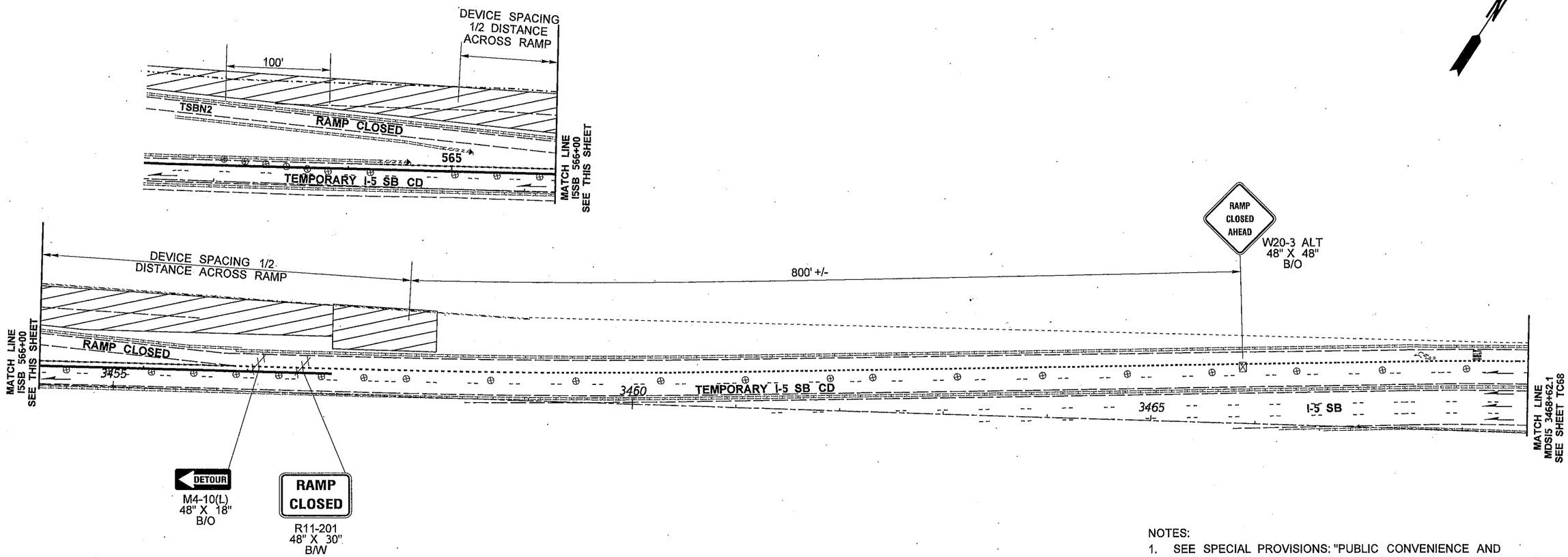
TRAFFIC CONTROL PLAN

PLAN REF NO TC66

SHEET 1630 OF 1763 SHEETS

STAGE 3A STEP 2
SBN-SBS

I-5 SB RIGHT LANE CLOSURE
ON-RAMP FROM PORTLAND AVE CLOSED
OFF-RAMPS TO I-705 NB AND SR 7 SB CLOSED
RESTRIPE TO STAGE 3A STEP 3



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU33 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU29, DU30, DU31 OR DU32.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
\\\	TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_067.dgn
TIME	1:00:03 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE
P.E. STAMP BOX DATE

Washington State Department of Transportation

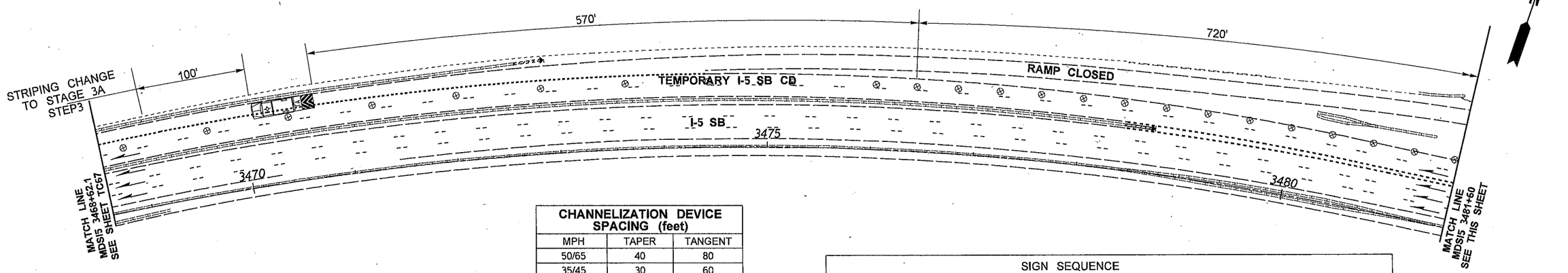
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

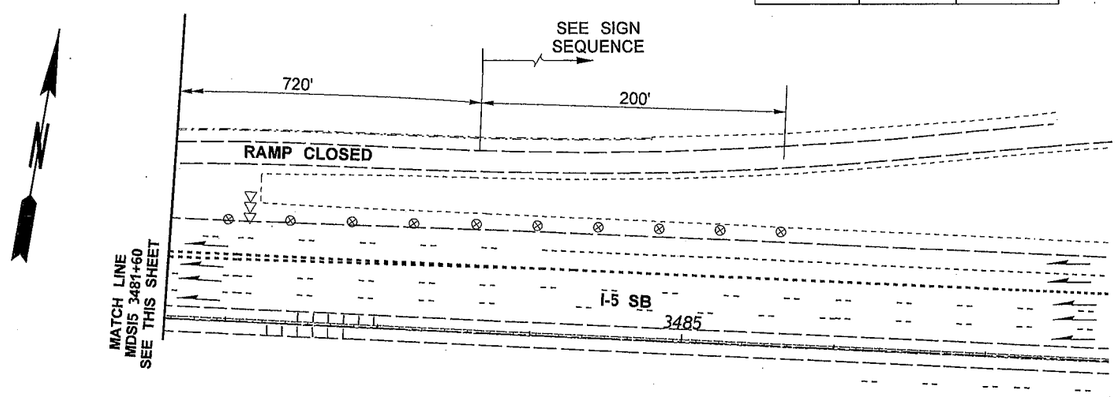
PLAN REF NO TC67
SHEET 1631 OF 1763 SHEETS

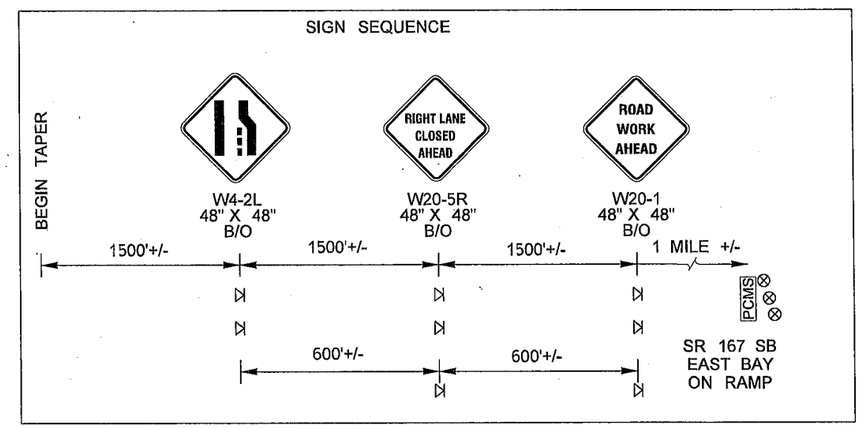
STAGE 3A STEP 2
SBN-SBS

I-5 SB RIGHT LANE CLOSURE
ON-RAMP FROM PORTLAND AVE CLOSED
OFF-RAMPS TO I-705 NB AND SR 7 SB CLOSED
RESTRIPE TO STAGE 3A STEP 3



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU33 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU29, DU30, DU31 OR DU32.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_068.dgn					
TIME	1:00:15 PM				REGION NO. 10	STATE WASH
DATE	3/17/2014					FED.AID PROJ.NO.
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ				JOB NUMBER	
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	J. PEREZ					XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

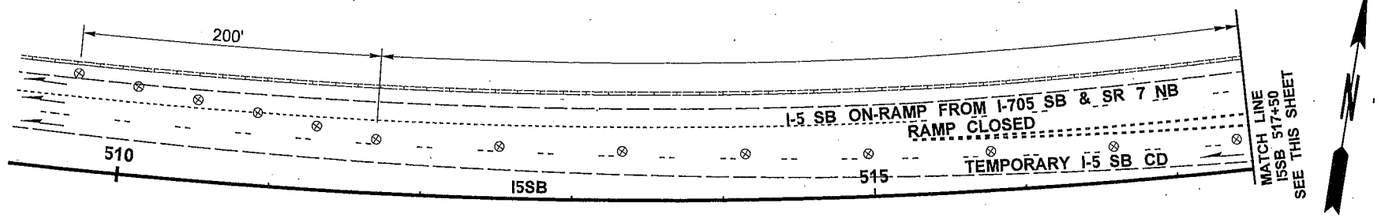
I-5
M ST TO PORTLAND AVE - HOV

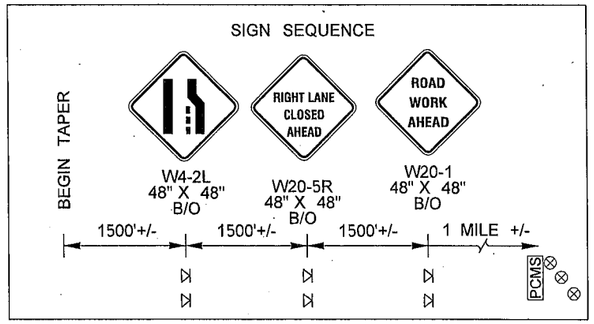
TRAFFIC CONTROL PLAN

PLAN REF NO TC68

SHEET 1632 OF 1763 SHEETS

STAGE 3A
SSB-NSB-PSSB STEP 3
RIGHT LANE CLOSURE
I-5 SB ON-RAMPS FROM I-705 SB
SR 7 NB AND PACIFIC AVE CLOSED

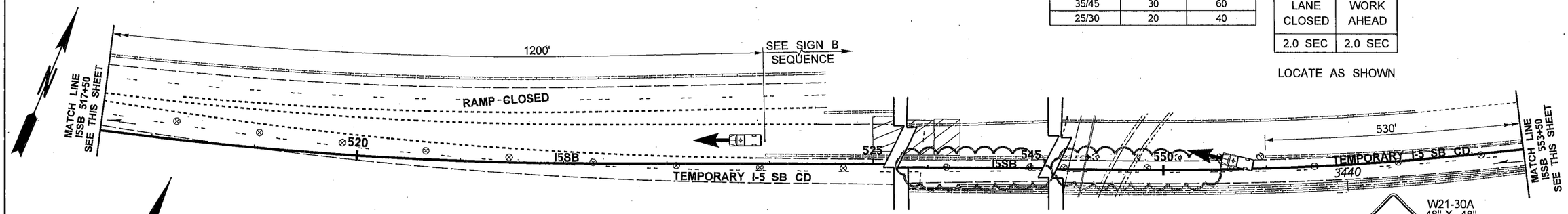


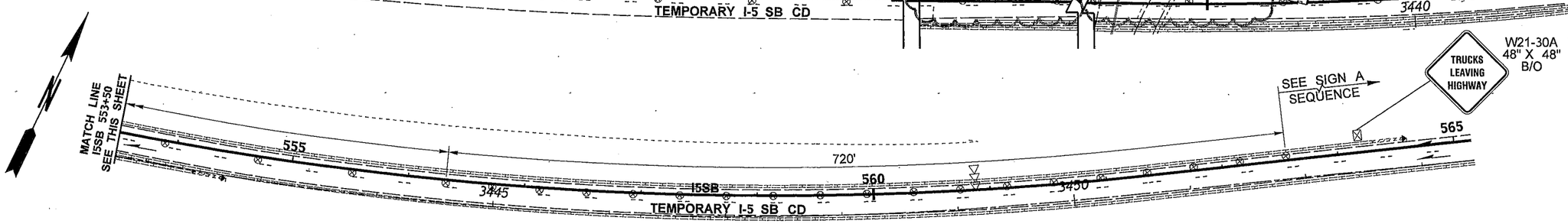


CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

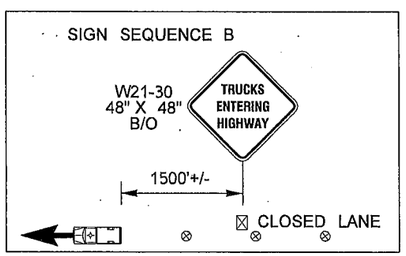
PCMS	
1	2
RIGHT LANE CLOSED	ROAD WORK AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN





LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
	WORK AREA
	PERMITTED CONTRACTOR ACCESS



0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU19 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU9, DU10, DU12, DU18, DU19, DU27, DU32 OR DU33.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\ADD1_P3497_SH_TC_069.dgn
TIME	7:48:22 AM
DATE	4/28/2014
PLOTTED BY	WentzD
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
AD1 - EXISTING BASE DATA CHANGE	5/2/2014	DW

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

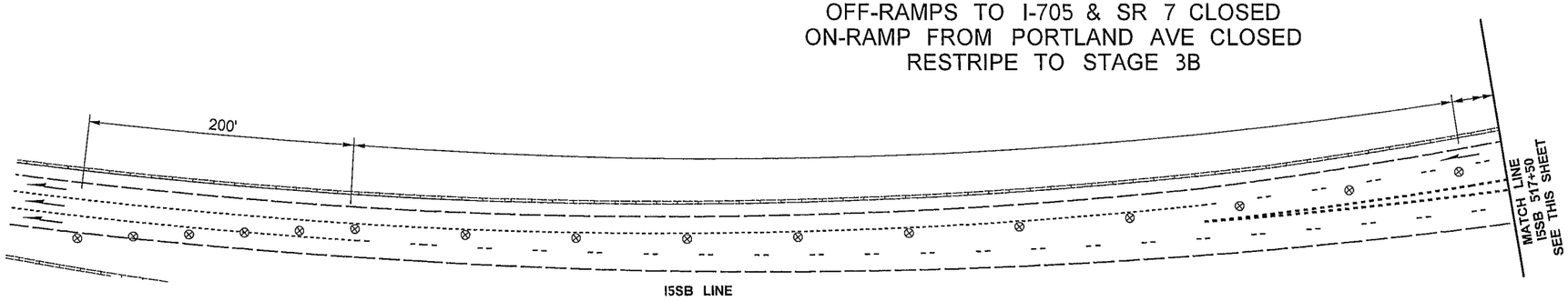
TRAFFIC CONTROL PLAN

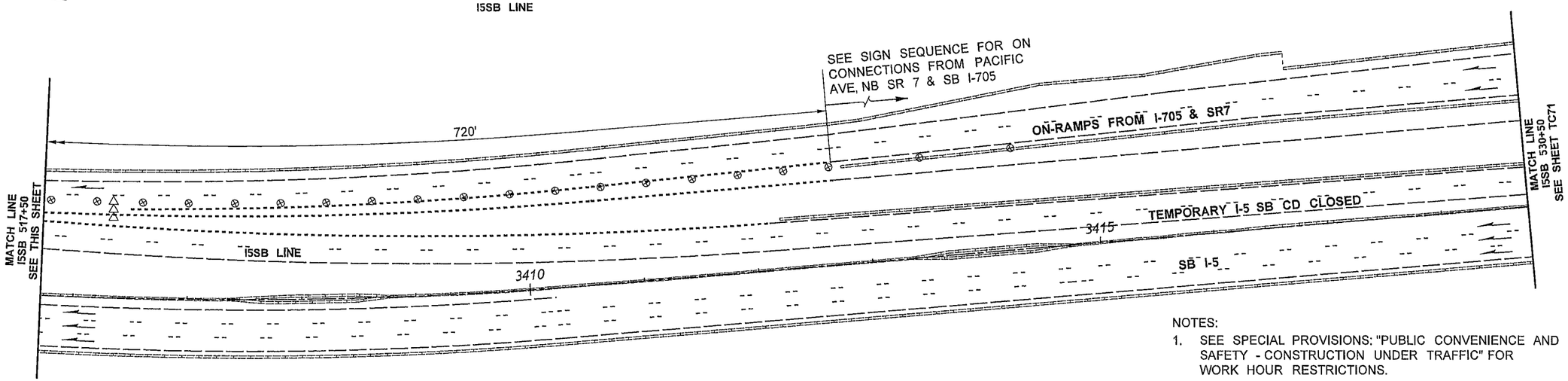
PLAN REF NO TC69

SHEET 1633 OF 1763 SHEETS

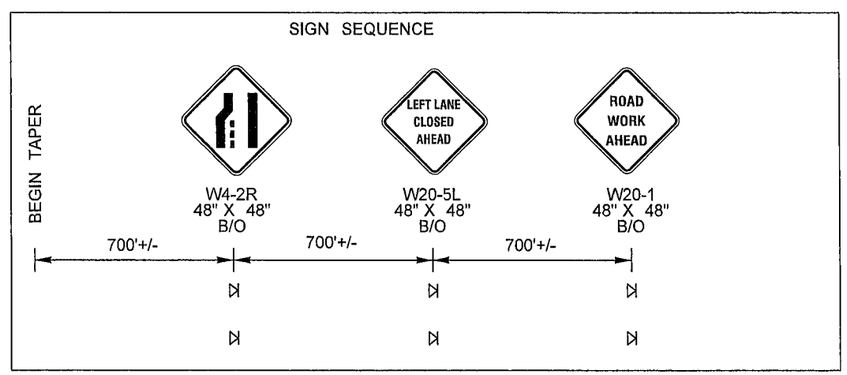
STAGE 3A

I-5 SB SINGLE RIGHT LANE CLOSURE
I-5 TEMPORARY SB CD CLOSURE
OFF-RAMPS TO I-705 & SR 7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 3B





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⋈	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU30, DU32 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_070.dgn					
TIME	12:30:06 PM				REGION NO. 10	STATE WASH
DATE	2/18/2014					FED.AID PROJ.NO.
PLOTTED BY	ShulerF					
DESIGNED BY	J. VARADY				JOB NUMBER	
ENTERED BY	J. VARADY					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	J. PEREZ					XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

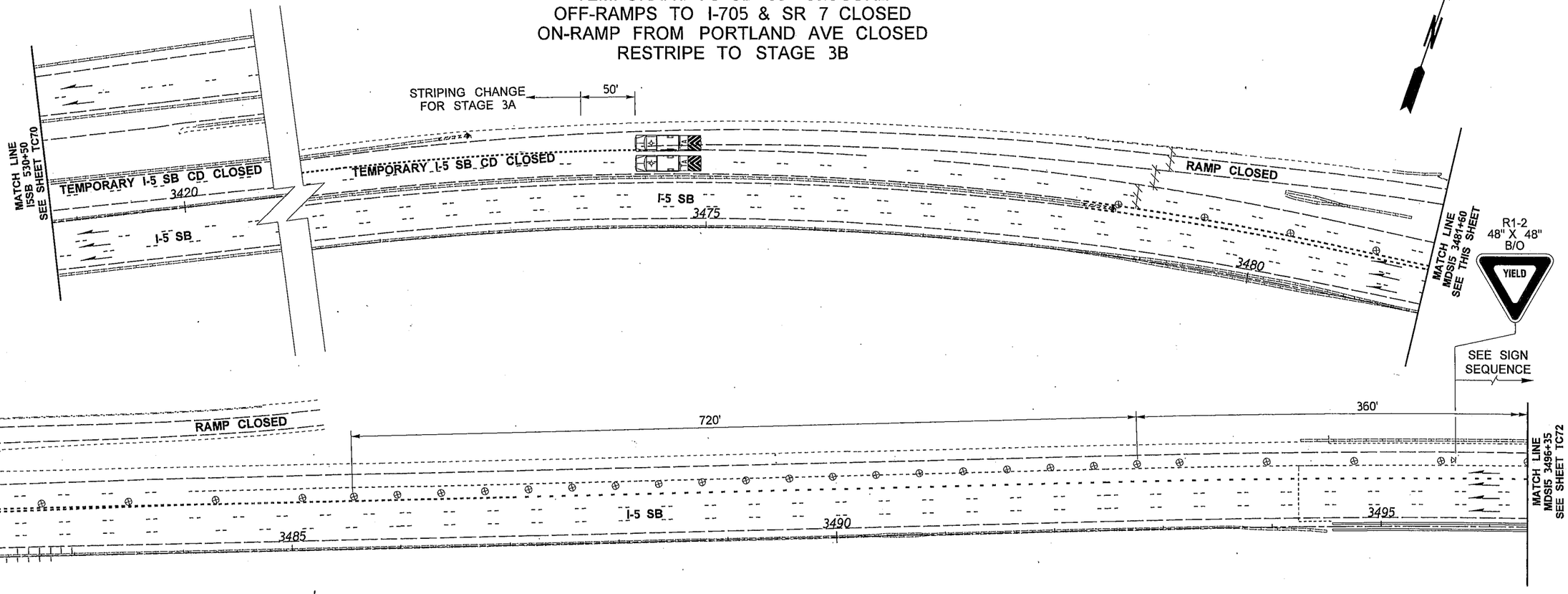
TRAFFIC CONTROL PLAN

PLAN REF NO TC70

SHEET 1634 OF 1763 SHEETS

STAGE 3A

I-5 SB SINGLE RIGHT LANE CLOSURE
TEMPORARY I-5 SB CD CLOSURE
OFF-RAMPS TO I-705 & SR 7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 3B



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

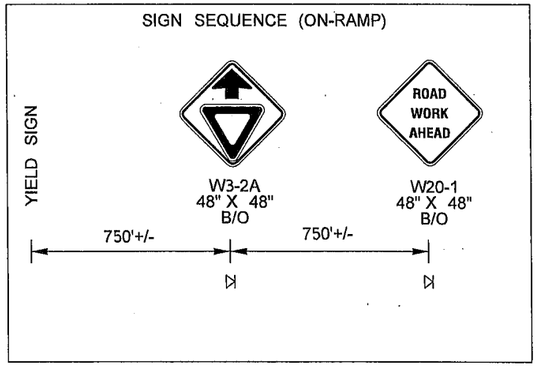
- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTABLE ATTENUATOR

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU30, DU32 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

0 50 100
SCALE IN FEET

SIGN SEQUENCE (ON-RAMP)



FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_071.dgn
TIME	1:00:41 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

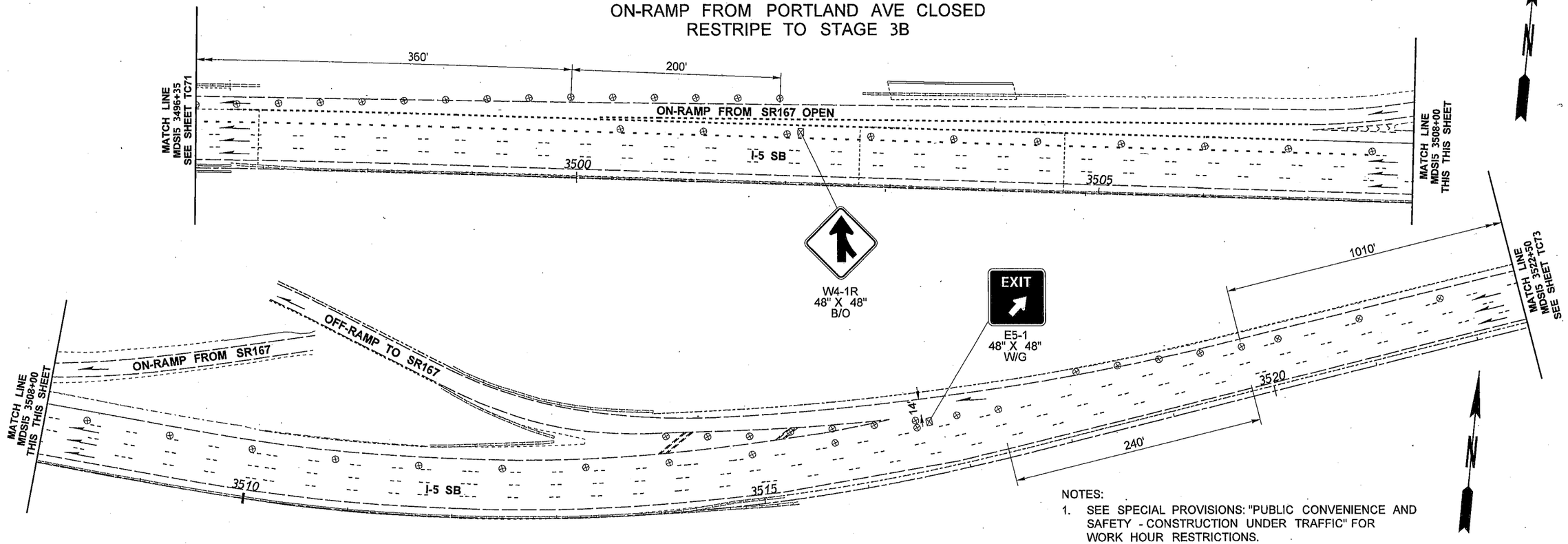
TRAFFIC CONTROL PLAN

PLAN REF NO TC71

SHEET 1635 OF 1763 SHEETS

STAGE 3A

I-5 SB SINGLE RIGHT LANE CLOSURE
TEMPORARY I-5 SB CD CLOSURE
OFF-RAMPS TO I-705 & SR 7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 3B



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU30, DU32 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND

- ⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN, 7' FOR E5-1)
- ⊗ TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTABLE ATTENUATOR

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_072.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	1:00:52 PM				JOB NUMBER		
DATE	3/17/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	J. VARADY				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	J. VARADY						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

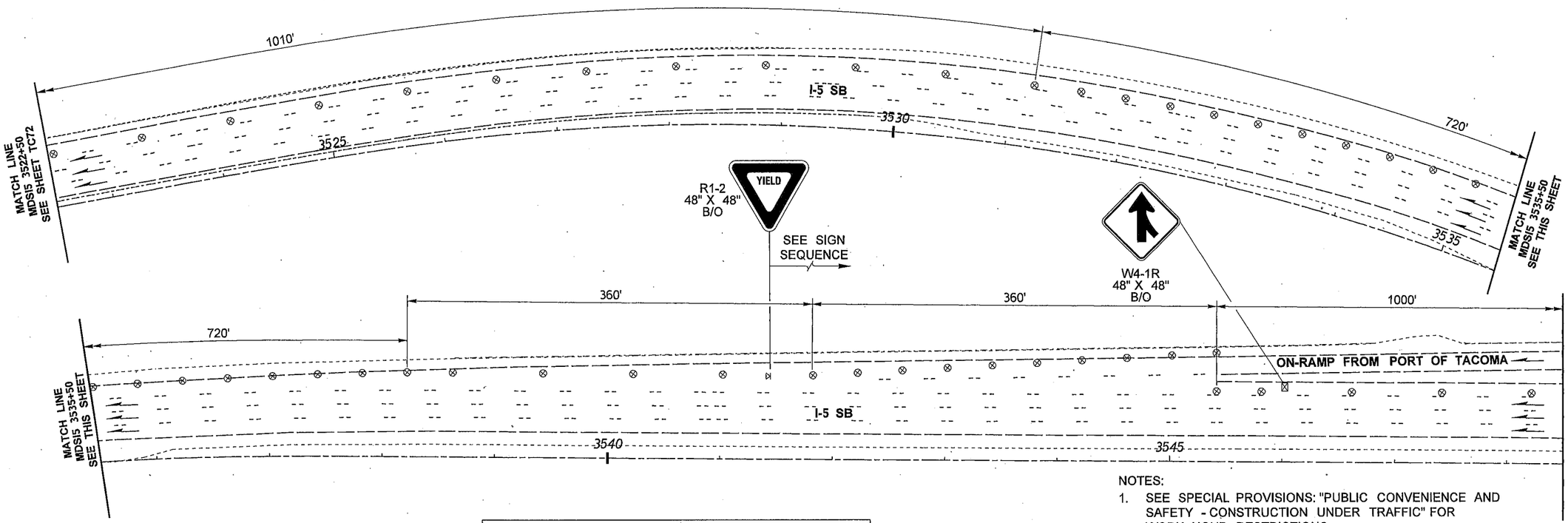
TRAFFIC CONTROL PLAN

PLAN REF NO TC72

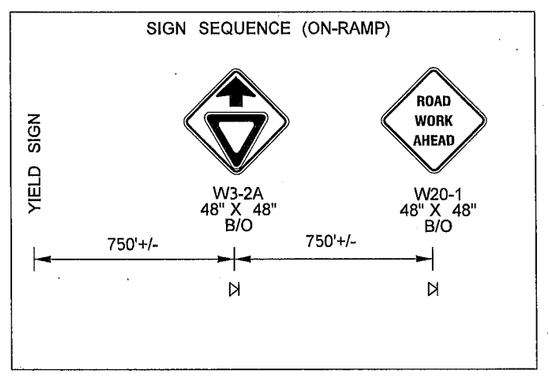
SHEET 1636 OF 1763 SHEETS

STAGE 3A

I-5 SB SINGLE RIGHT LANE CLOSURE
TEMPORARY I-5 SB CD CLOSURE
OFF-RAMPS TO I-705 & SR 7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 3B



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND

- ⊲ SIGN LOCATION - TEMPORARY MOUNT
- ⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- ⊗ TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU30, DU32 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_073.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	1:01:04 PM						
DATE	3/17/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	J. VARADY						
ENTERED BY	J. VARADY						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

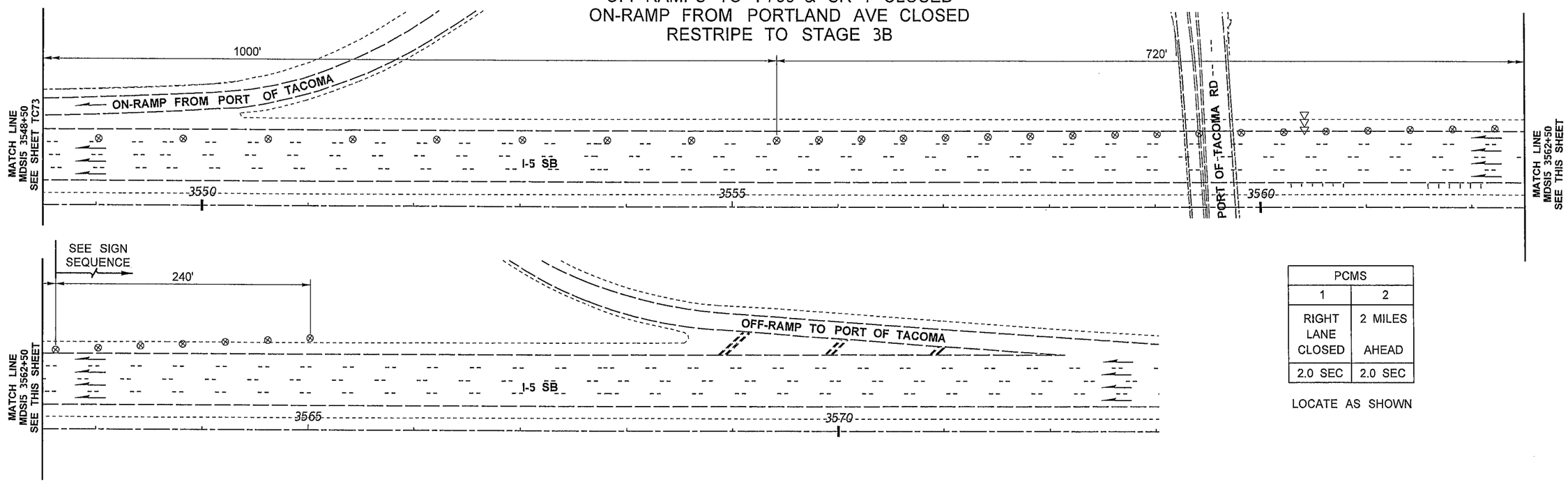
TRAFFIC CONTROL PLAN

PLAN REF NO TC73

SHEET 1637 OF 1763 SHEETS

STAGE 3A

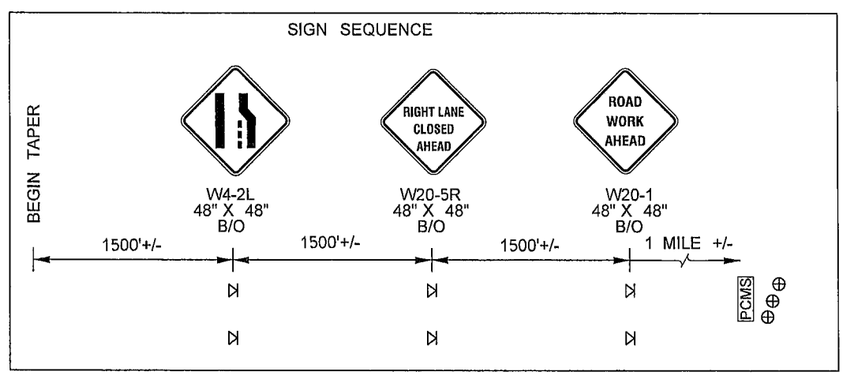
I-5 SB SINGLE RIGHT LANE CLOSURE
I-5 SB TEMPORARY CD CLOSURE
OFF-RAMPS TO I-705 & SR 7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 3B



PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU21, DU22, DU23, DU24, DU25, DU26, DU27, 30, DU32 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_074.dgn
TIME	12:30:34 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

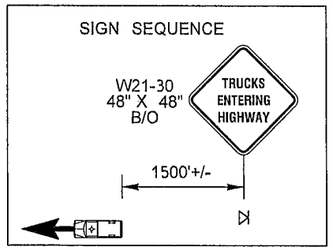
PLAN REF NO TC74

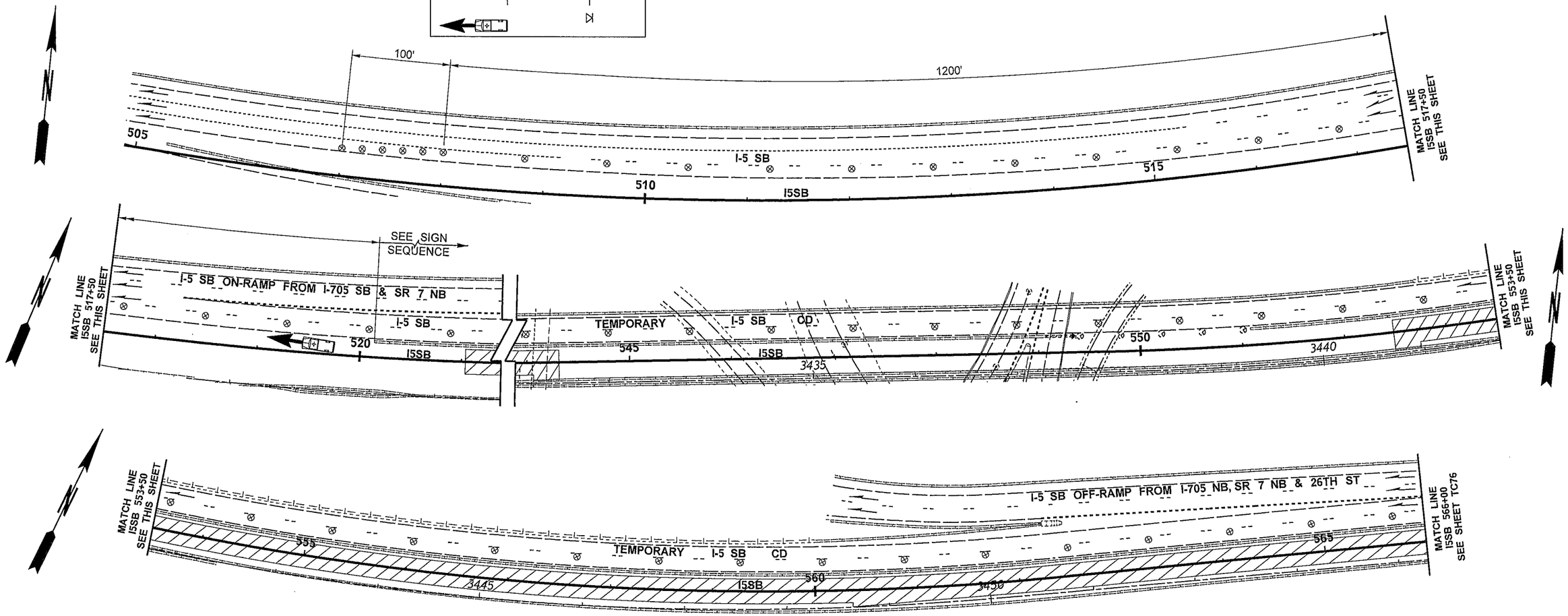
SHEET 1638 OF 1763 SHEETS

STAGE 3B

LEFT LANE CLOSURE
TEMPORARY I-5 SB CD

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
	WORK AREA
	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_075.dgn					
TIME	12:30:52 PM					
DATE	2/18/2014					
PLOTTED BY	ShulerF					
DESIGNED BY	T. BENTON					
ENTERED BY	T. BENTON					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

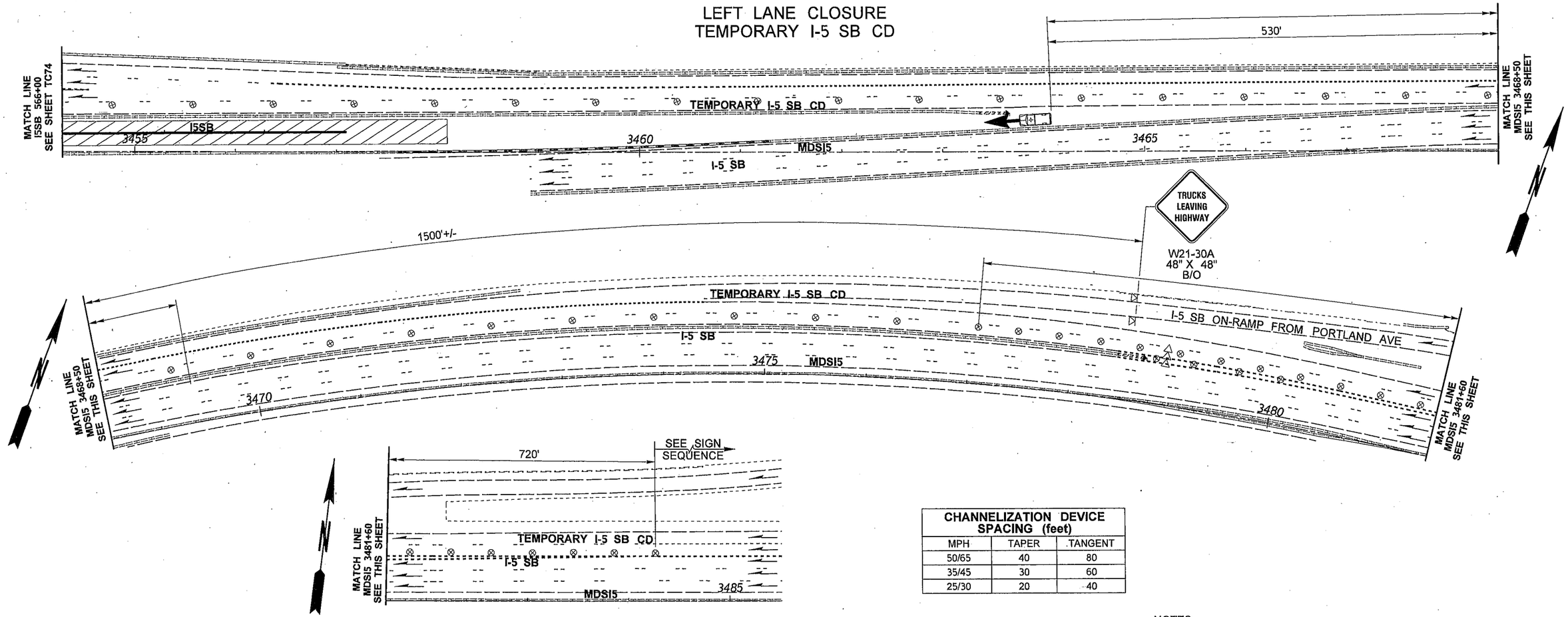
TRAFFIC CONTROL PLAN

PLAN REF NO TC75

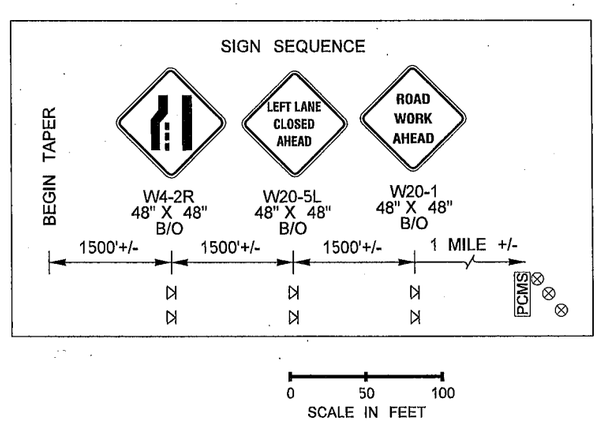
SHEET 1639 OF 1763 SHEETS

STAGE 3B

LEFT LANE CLOSURE
TEMPORARY I-5 SB CD



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
LEFT LANE CLOSED	RAMP WORK AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND	
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
	WORK AREA
	PERMITTED CONTRACTOR ACCESS

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
5. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_076.dgn
TIME	1:01:20 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

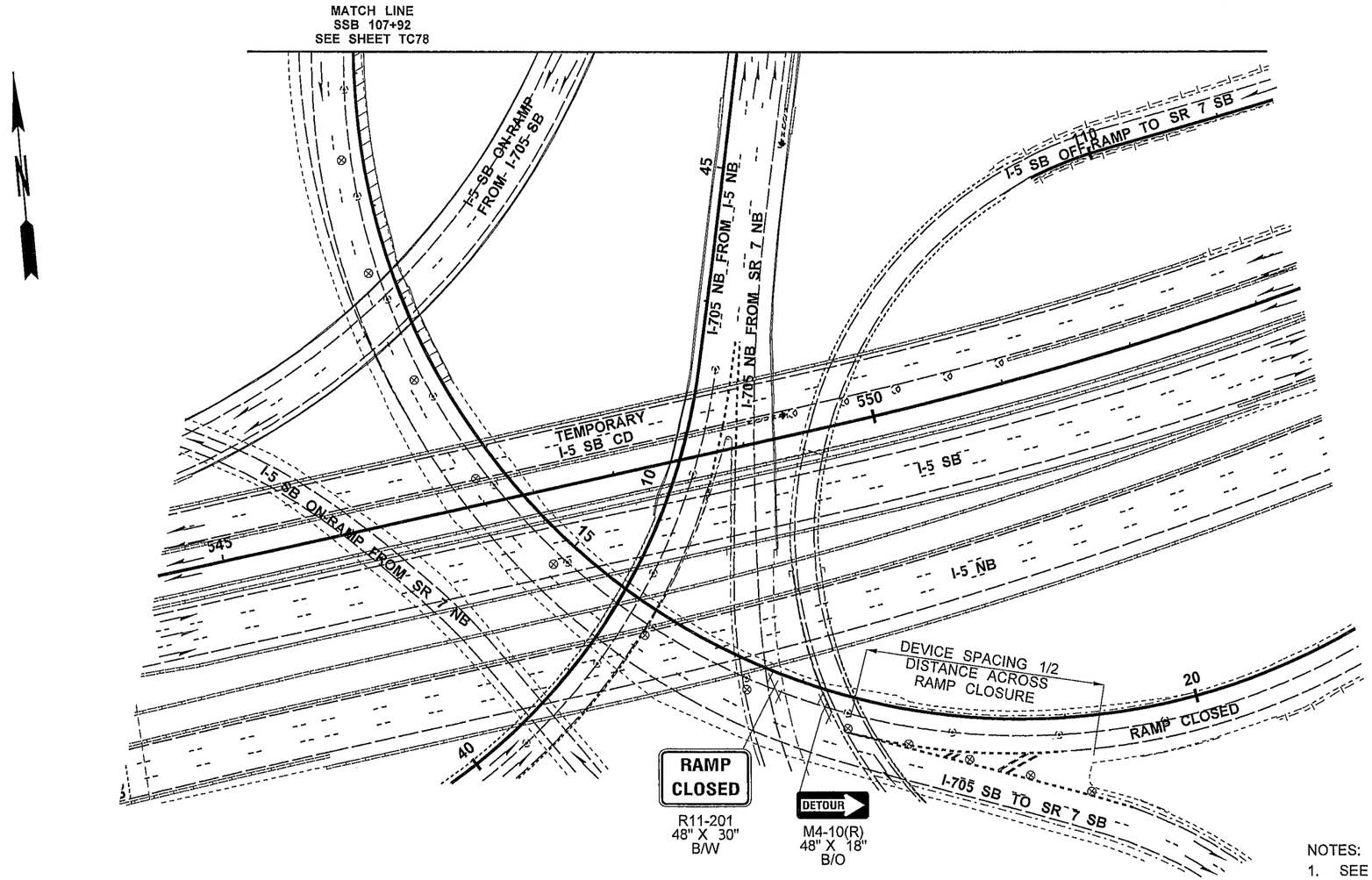
TRAFFIC CONTROL PLAN

PLAN REF NO TC76

SHEET 1640 OF 1763 SHEETS

STAGE 3B

I-5 NB ON-RAMP FROM I-705 SB CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU9 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CINCURRENTLY WITH DU2, DU5, DU8, DU10, DU11, DU13, DU21, DU22, DU23, DU25, DU27, DU32 OR DU33.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

TYPE 3 BARRICADE

WORK AREA

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_077.dgn
TIME	12:31:12 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

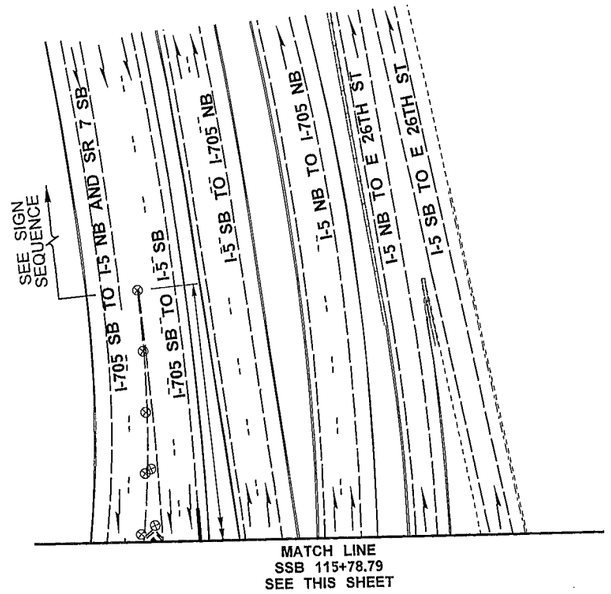
TRAFFIC CONTROL PLAN

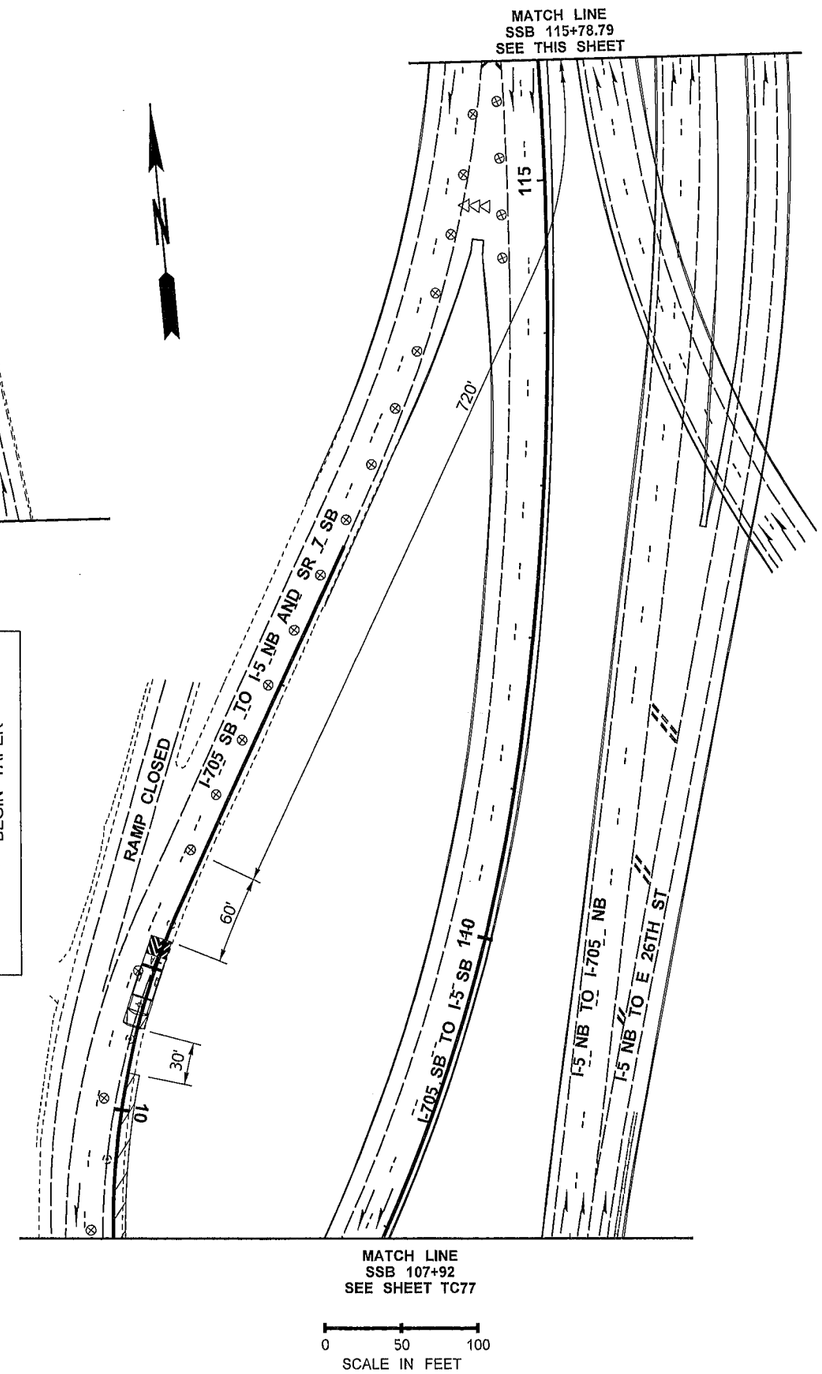
PLAN REF NO TC77

SHEET 1641 OF 1763 SHEETS

STAGE 3B

I-5 NB ON-RAMP FROM I-705 SB CLOSED

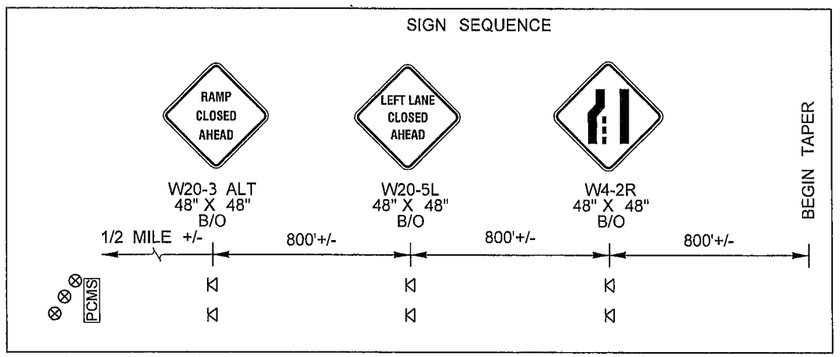




CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
LEFT LANE CLOSED	DETOUR FOR I-5 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	TRAFFIC SAFETY DRUM
	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	TRANSPORTABLE ATTENUATOR
	WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU9 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU8, DU10, DU11, DU13, DU21, DU22, DU23, DU25, DU27, DU32 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_078.dgn
TIME	12:31:22 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

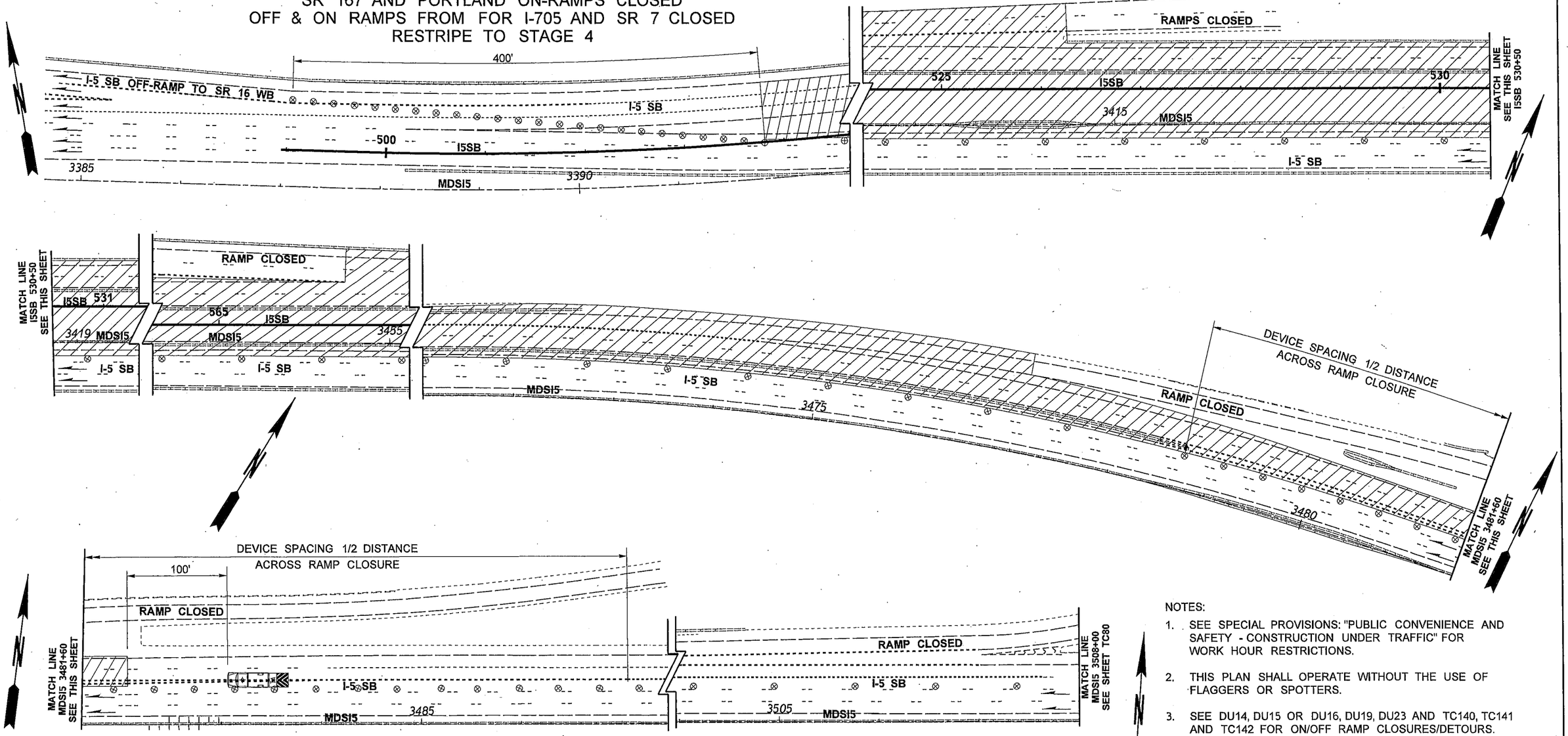
TRAFFIC CONTROL PLAN

PLAN REF NO TC78

SHEET 1642 OF 1763 SHEETS

STAGE 3B

I-5 SB DOUBLE RIGHT LANE CLOSURE
SR 167 AND PORTLAND ON-RAMPS CLOSED
OFF & ON RAMPS FROM FOR I-705 AND SR 7 CLOSED
RESTRIPE TO STAGE 4



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU14, DU15 OR DU16, DU19, DU23 AND TC140, TC141 AND TC142 FOR ON/OFF RAMP CLOSURES/DETOURS.
4. SEE DU33 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU17 DU18, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU29, DU30, DU31, OR DU32.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗	TRAFFIC SAFETY DRUM
	TRANSPORTABLE ATTENUATOR
	WORK AREA

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_079.dgn
TIME	1:01:39 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

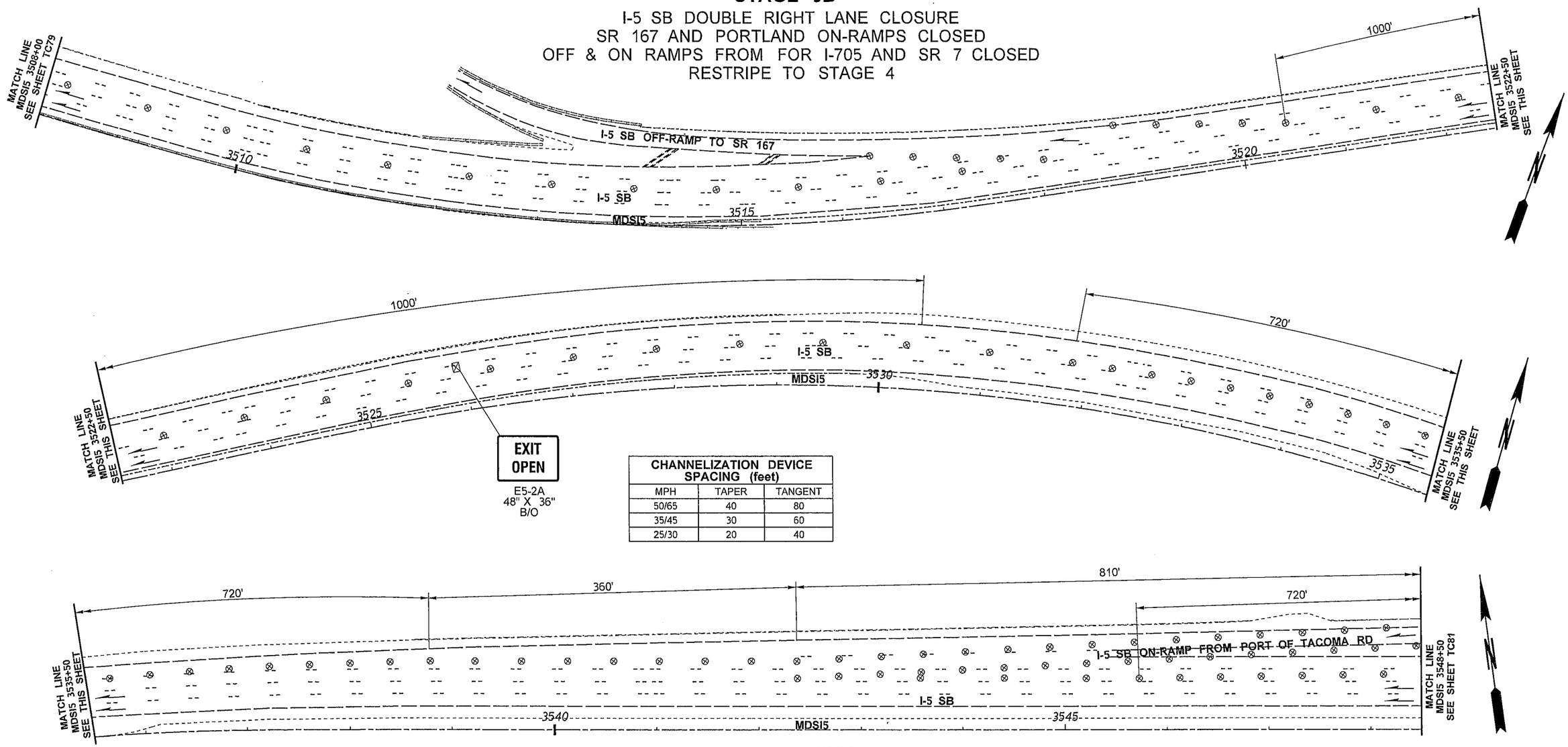
TRAFFIC CONTROL PLAN

PLAN REF NO TC79

SHEET 1643 OF 1763 SHEETS

STAGE 3B

I-5 SB DOUBLE RIGHT LANE CLOSURE
SR 167 AND PORTLAND ON-RAMPS CLOSED
OFF & ON RAMPS FROM FOR I-705 AND SR 7 CLOSED
RESTRIPE TO STAGE 4



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
☒	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU14, DU15 OR DU16, DU19, DU23 AND TC140, TC141 AND TC142 FOR ON/OFF RAMP CLOSURES/DETOURS.
4. SEE DU33 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU17, DU18, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU29, DU30, DU31 OR DU32.
6. COVER OR TURN ALL CONFLICTING SIGNING (EXCLUDES OVERHEAD SIGNS FOR NIGHTLY CLOSURE).
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_080.dgn
TIME	12:31:51 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

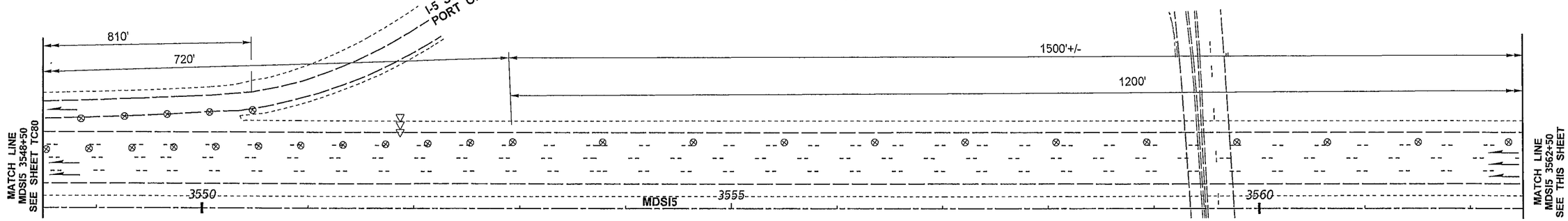
TRAFFIC CONTROL PLAN

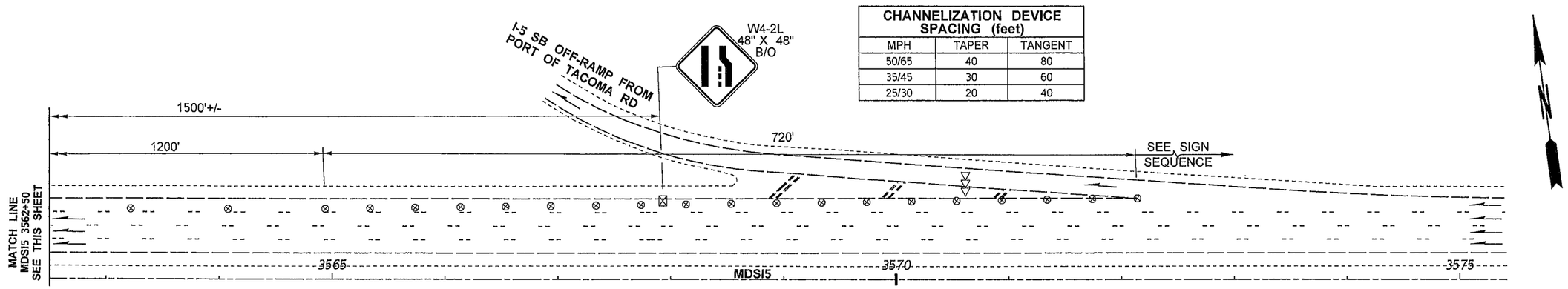
PLAN REF NO TC80

SHEET 1644 OF 1763 SHEETS

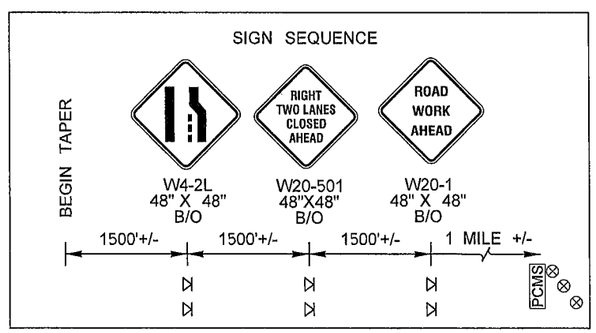
STAGE 3B

I-5 SB DOUBLE RIGHT LANE CLOSURE
SR 167 AND PORTLAND ON-RAMPS CLOSED
OFF & ON RAMPS FROM FOR I-705 AND SR 7 CLOSED
RESTRIPE TO STAGE 4





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
RIGHT 2 LANES CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

0 50 100
SCALE IN FEET

LEGEND	
⋈	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⋘	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU14, DU15 OR DU16, DU19, DU23 AND TC140, TC141 AND TC142 FOR ON/OFF RAMP CLOSURES/DETOURS.
4. SEE DU33 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU17, DU18, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU29, DU30, DU31 OR DU32.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_081.dgn
TIME	12:13:29 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

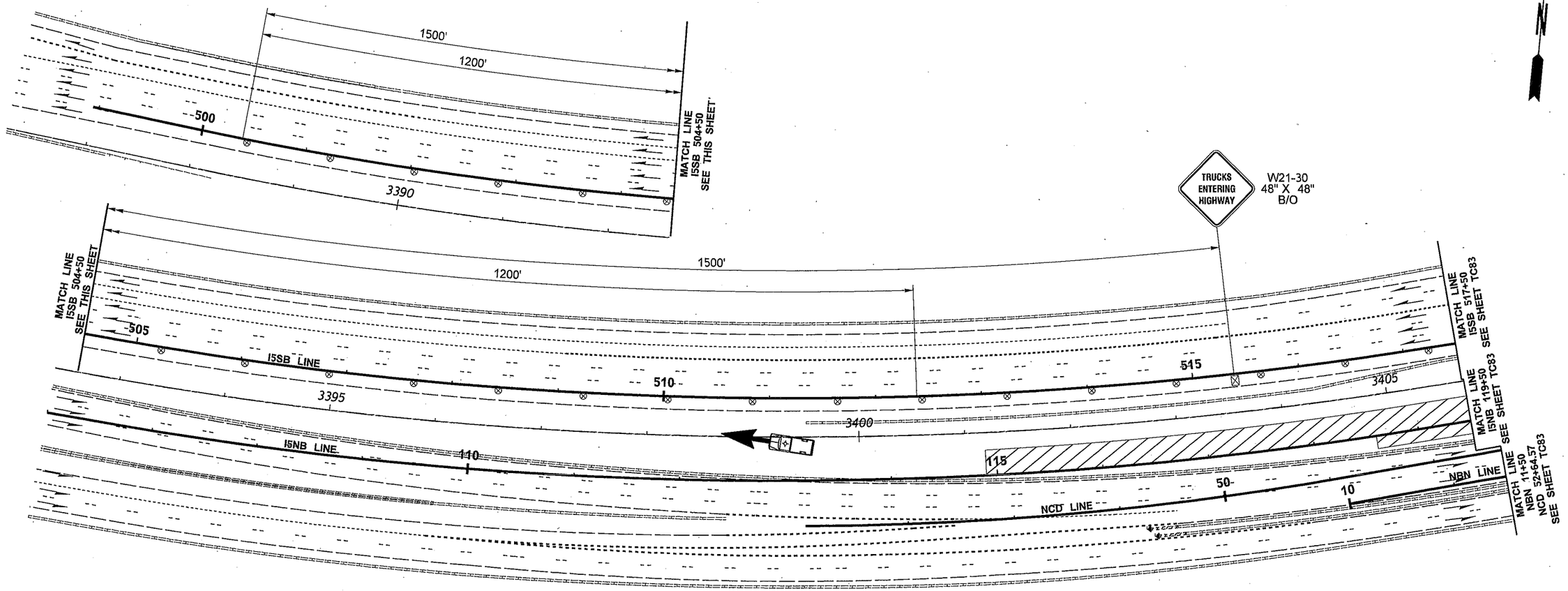
TRAFFIC CONTROL PLAN

PLAN REF NO TC81

SHEET 1645 OF 1763 SHEETS

STAGE 4

I-5 SB LEFT LANE CLOSURE



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
▨	WORK AREA
◄	PERMITTED CONTRACTOR ACCESS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C..
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_082.dgn					
TIME	1:05:36 PM					
DATE	3/17/2014					
PLOTTED BY	ShulerF					
DESIGNED BY	J. VARADY					
ENTERED BY	J. VARADY					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

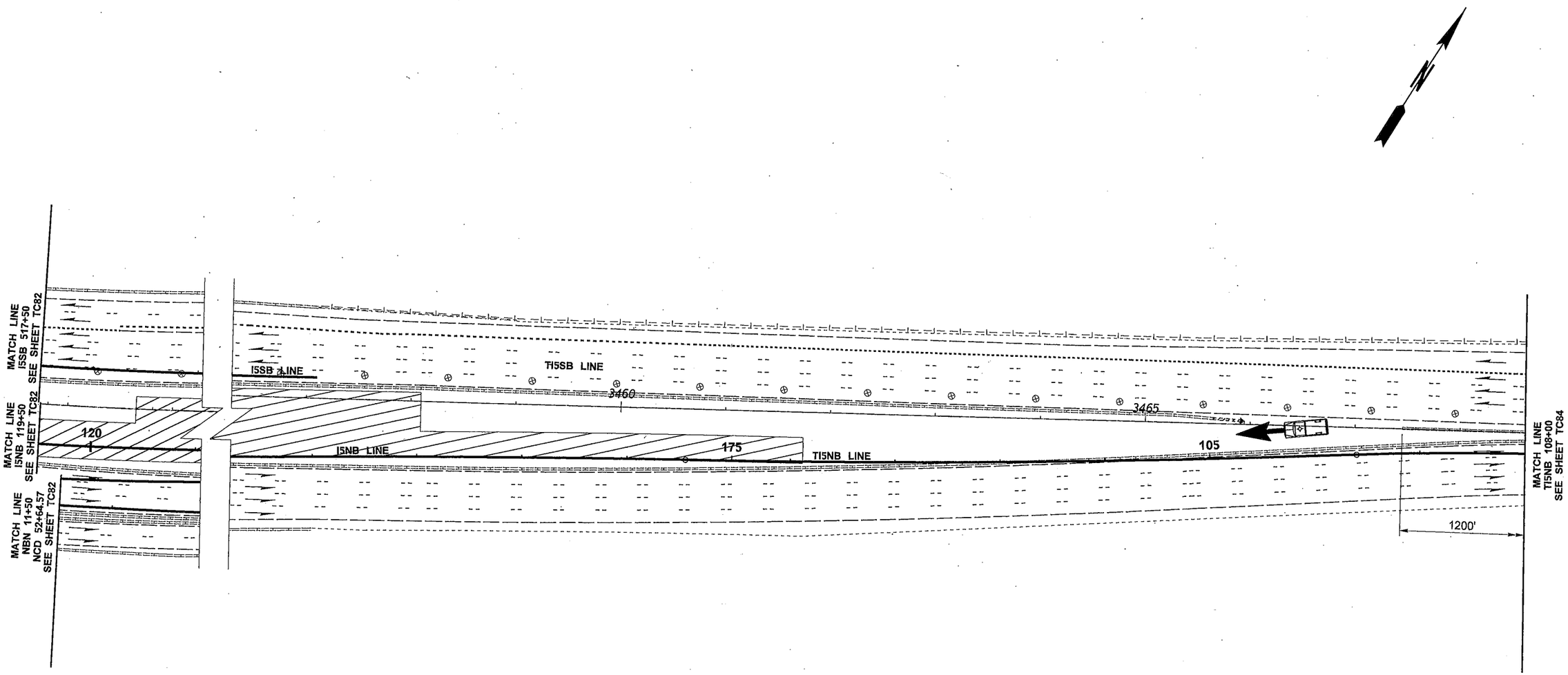
TRAFFIC CONTROL PLAN

PLAN REF NO TC82

SHEET 1646 OF 1763 SHEETS

STAGE 4

I-5 SB LEFT LANE CLOSURE



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C..
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

WORK AREA

PERMITTED CONTRACTOR ACCESS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_083.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	1:05:50 PM				10	WASH	
DATE	3/17/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	J. VARADY						
ENTERED BY	J. VARADY				CONTRACT NO.		LOCATION NO.
CHECKED BY	R. CRUMBLEY						XL3497
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

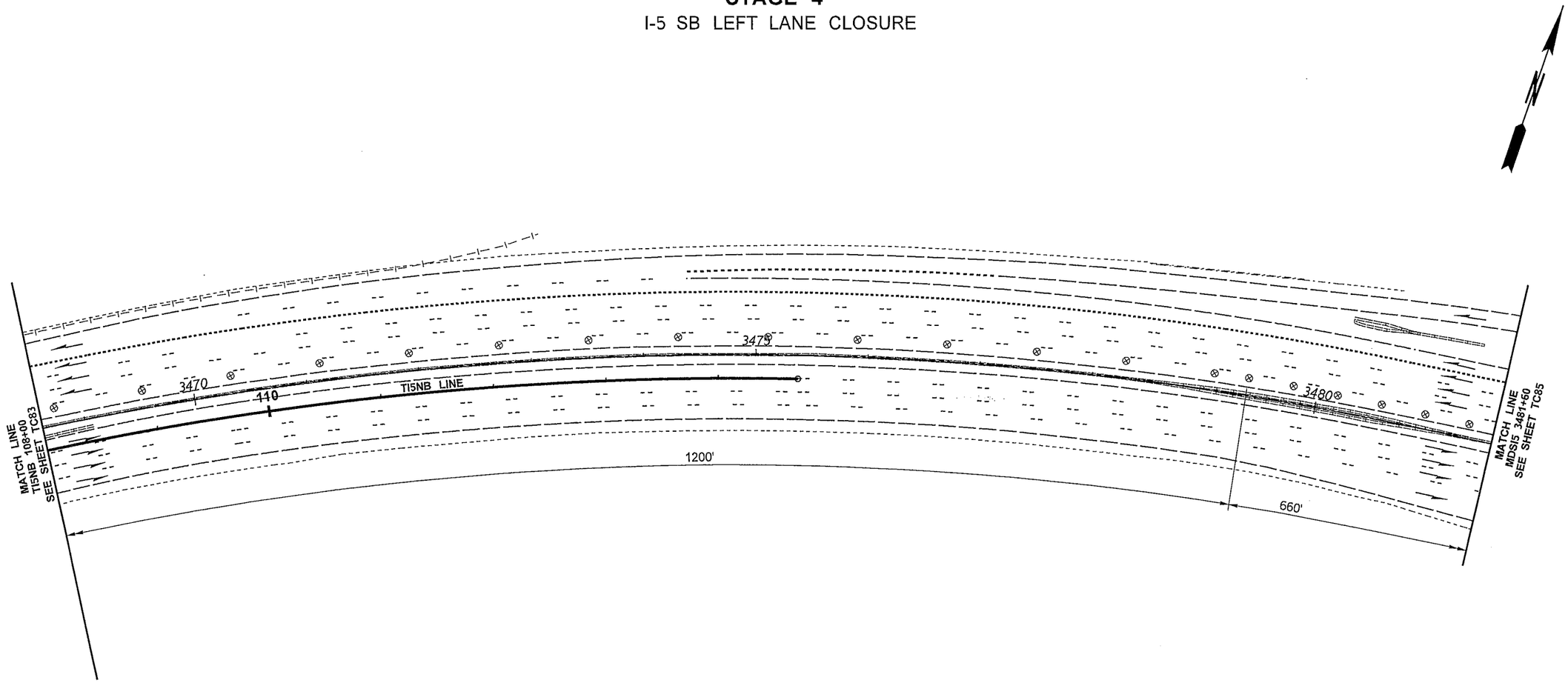
TRAFFIC CONTROL PLAN

PLAN REF NO TC83

SHEET 1647 OF 1763 SHEETS

STAGE 4

I-5 SB LEFT LANE CLOSURE



LEGEND	
⊗	TRAFFIC SAFETY DRUM

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C..
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_084.dgn
TIME	12:13:51 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

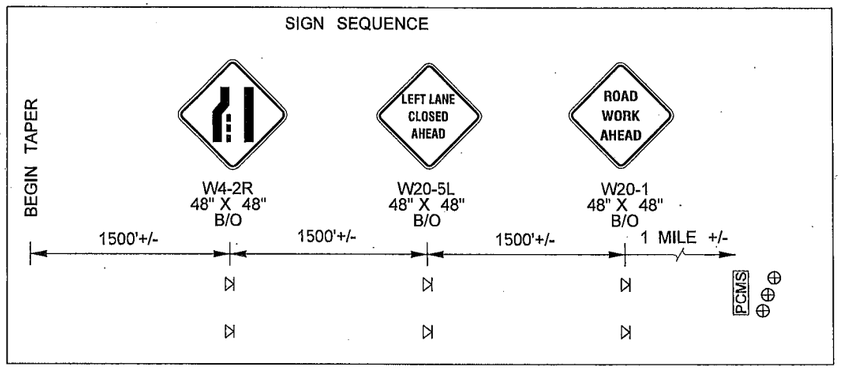
TRAFFIC CONTROL PLAN

PLAN REF NO TC84

SHEET 1648 OF 1763 SHEETS

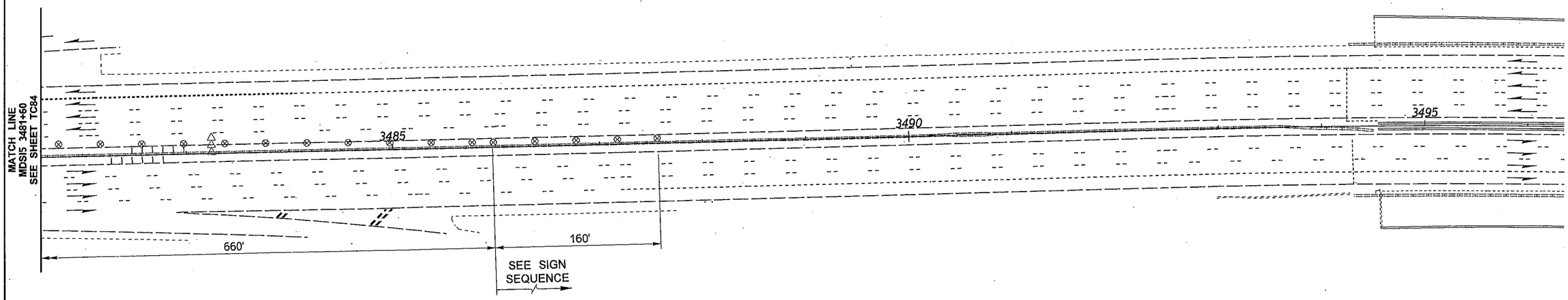
STAGE 4

I-5 SB LEFT LANE CLOSURE



PCMS	
1	2
LEFT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_085.dgn
TIME	1:06:02 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC85

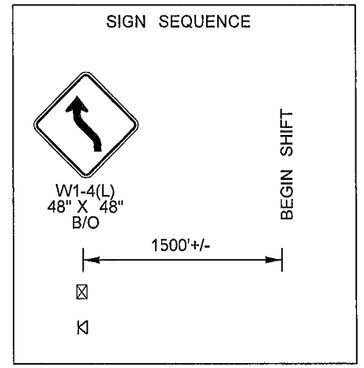
SHEET 1649 OF 1763 SHEETS

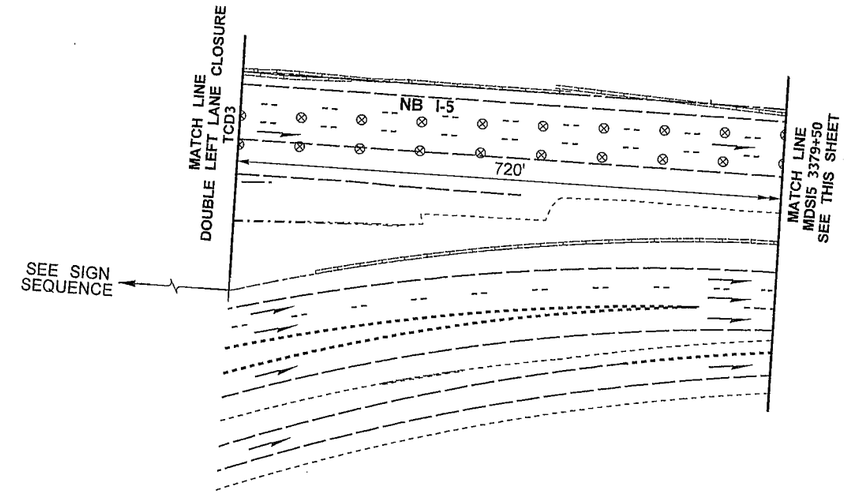
STAGE 4

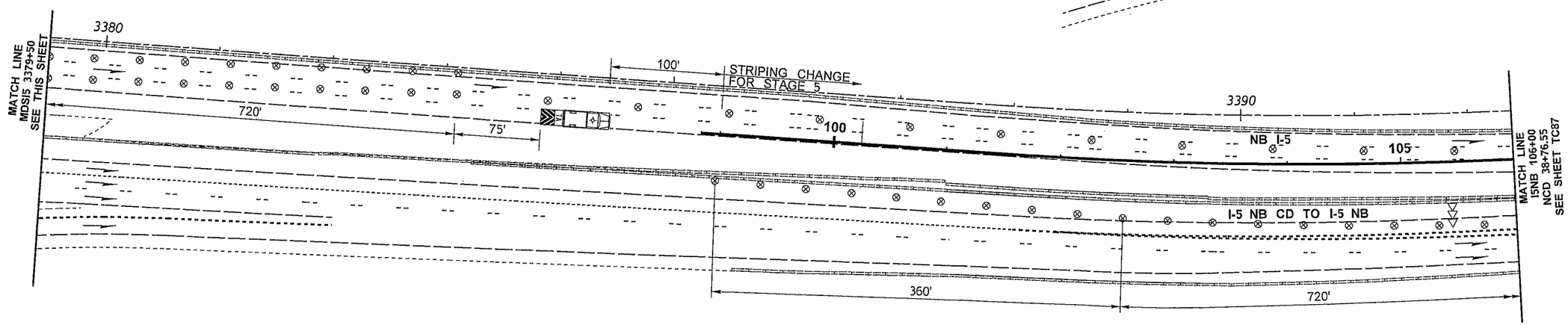
I-5 NB DOUBLE RIGHTLANE CLOSURE
SHIFT FROM DOUBLE LEFT
ON-RAMPS FROM I-705 AND SR7 CLOSED
RESTRIPE TO STAGE 5

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU10 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU8, DU9, DU13, DU21, DU22, DU23, DU25, DU27, DU30 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.







LEGEND

⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
	TRANSPORTABLE ATTENUATOR

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_086.dgn
TIME	12:14:04 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

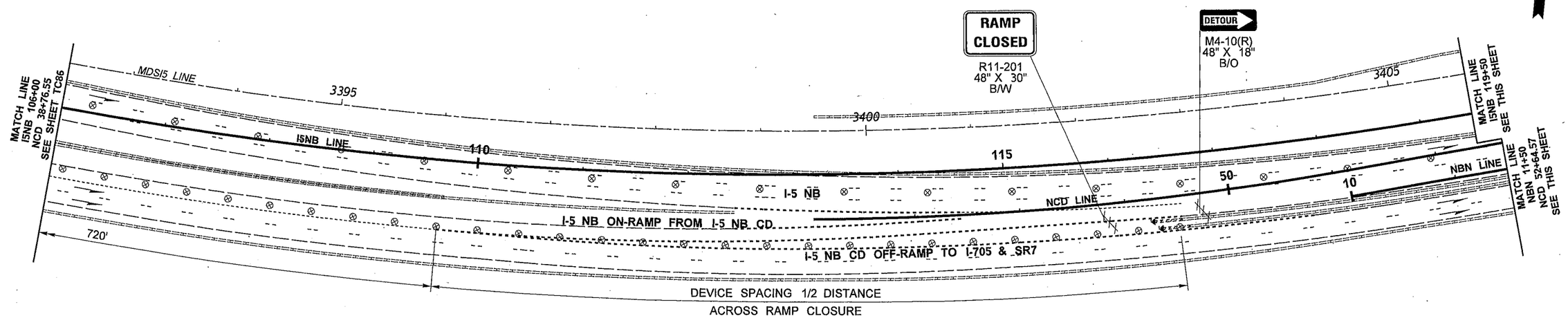
TRAFFIC CONTROL PLAN

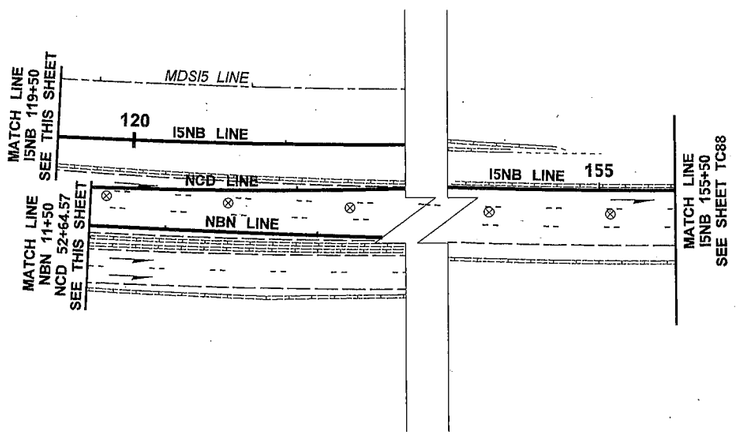
PLAN REF NO TC86

SHEET 1650 OF 1763 SHEETS

STAGE 4

I-5 NB DOUBLE RIGHTLANE CLOSURE
SHIFT FROM DOUBLE LEFT
ON-RAMPS FROM I-705 AND SR7 CLOSED
RESTRIPE TO STAGE 5





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU10 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU8, DU9, DU13, DU21, DU22, DU23, DU25, DU27, DU30 OR DU33.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_087.dgn						
TIME	1:06:17 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	3/17/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	J. VARADY						
ENTERED BY	J. VARADY						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497	
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

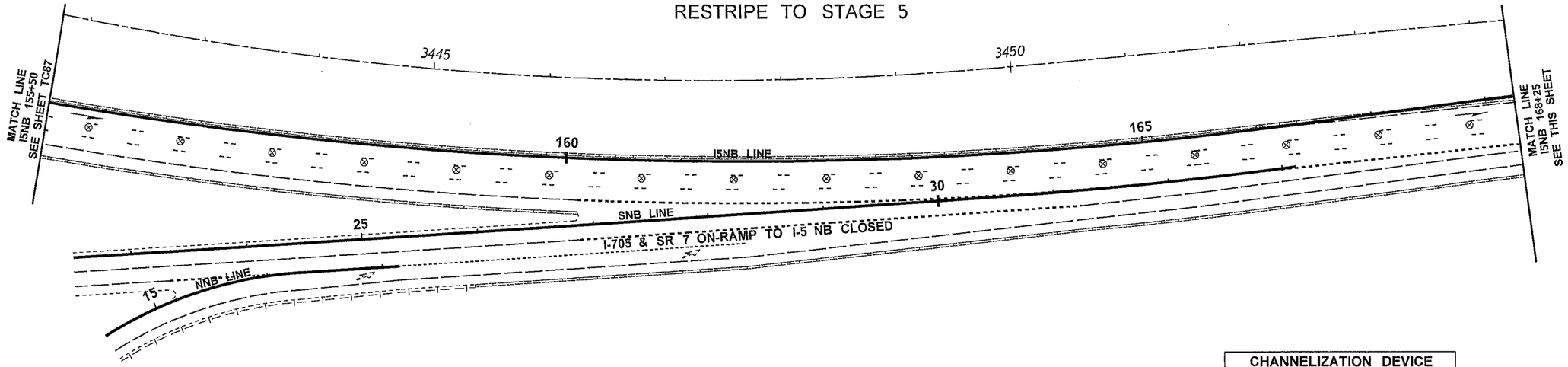
TRAFFIC CONTROL PLAN

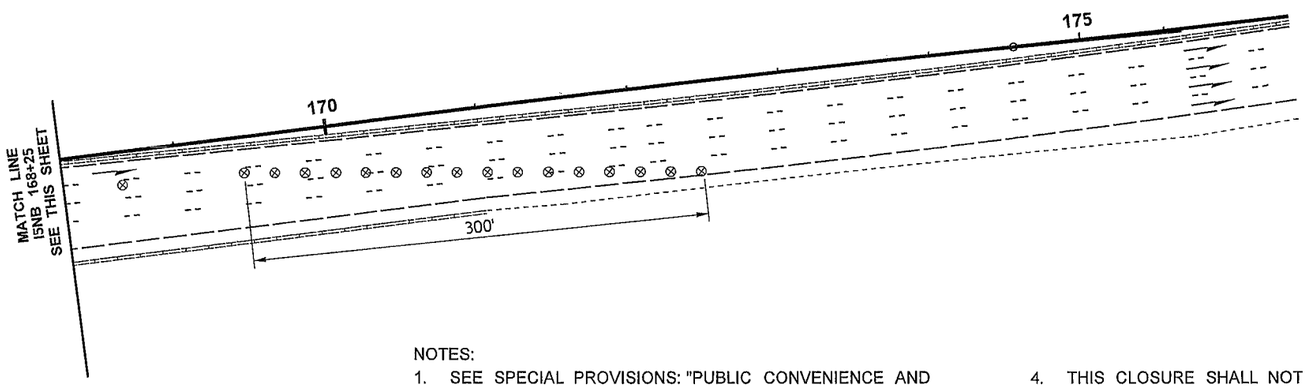
PLAN REF NO TC87

SHEET 1651 OF 1763 SHEETS

STAGE 4

I-5 NB DOUBLE RIGHTLANE CLOSURE
SHIFT FROM DOUBLE LEFT
ON-RAMPS FROM I-705 AND SR 7 CLOSED
RESTRIPE TO STAGE 5





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU10 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU8, DU9, DU13, DU21, DU22, DU23, DU25, DU27, DU30 OR DU33.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_088.dgn						
TIME	12:14:19 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	J. VARADY				CONTRACT NO.	LOCATION NO.	
ENTERED BY	J. VARADY					XL3497	
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

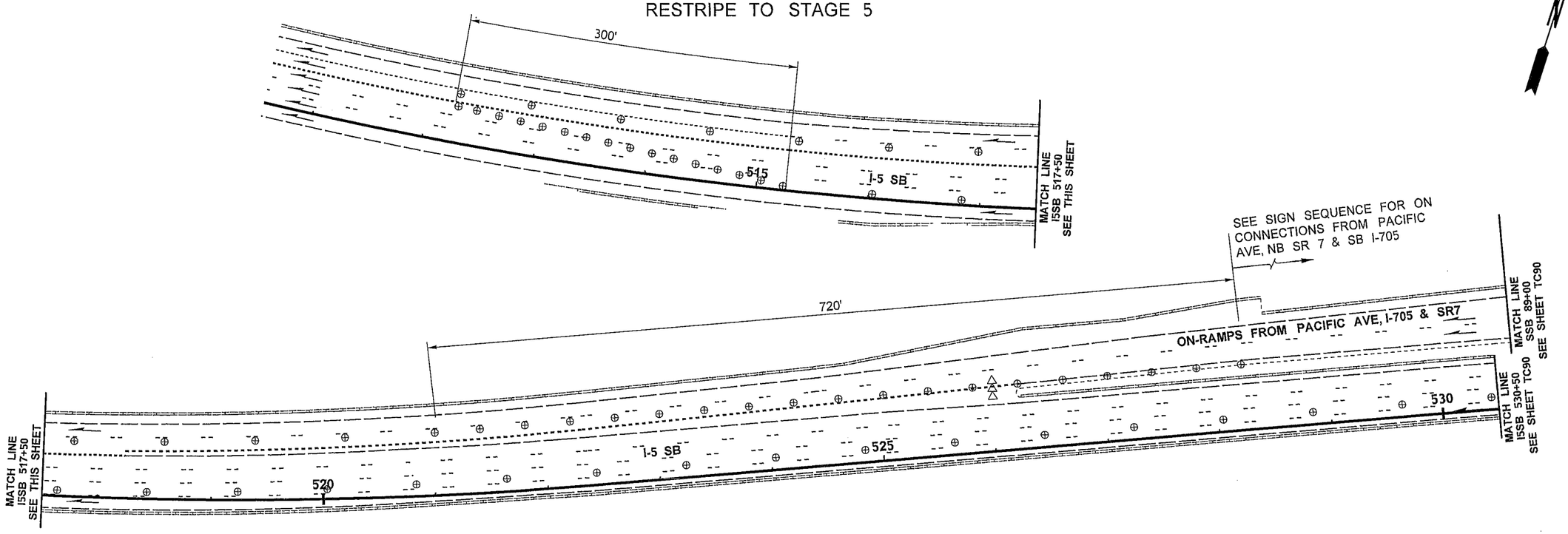
TRAFFIC CONTROL PLAN

PLAN REF NO TC88

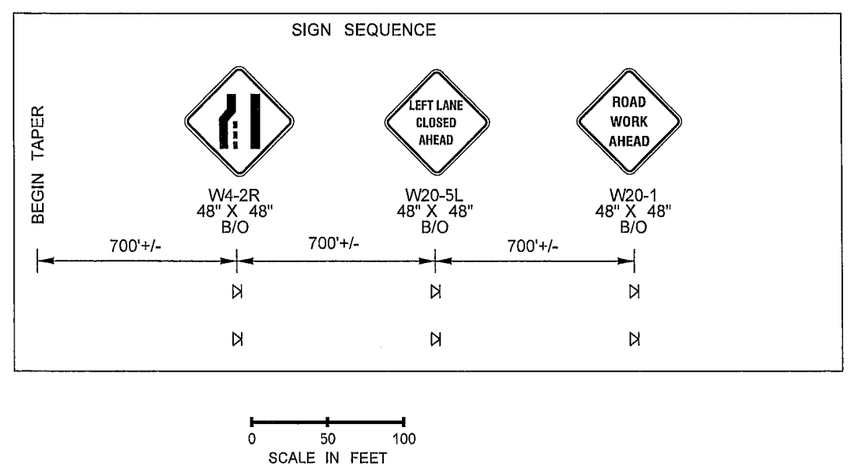
SHEET 1652 OF 1763 SHEETS

STAGE 4

I-5 SB TRIPLE LANE CLOSURE
SHIFT FROM TRIPLE LEFT
OFF-RAMPS TO I-705 AND SR 7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 5



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊳	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU23, DU24, DU25, DU26, DU27, DU30, DU32 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_089.dgn
TIME	12:14:26 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

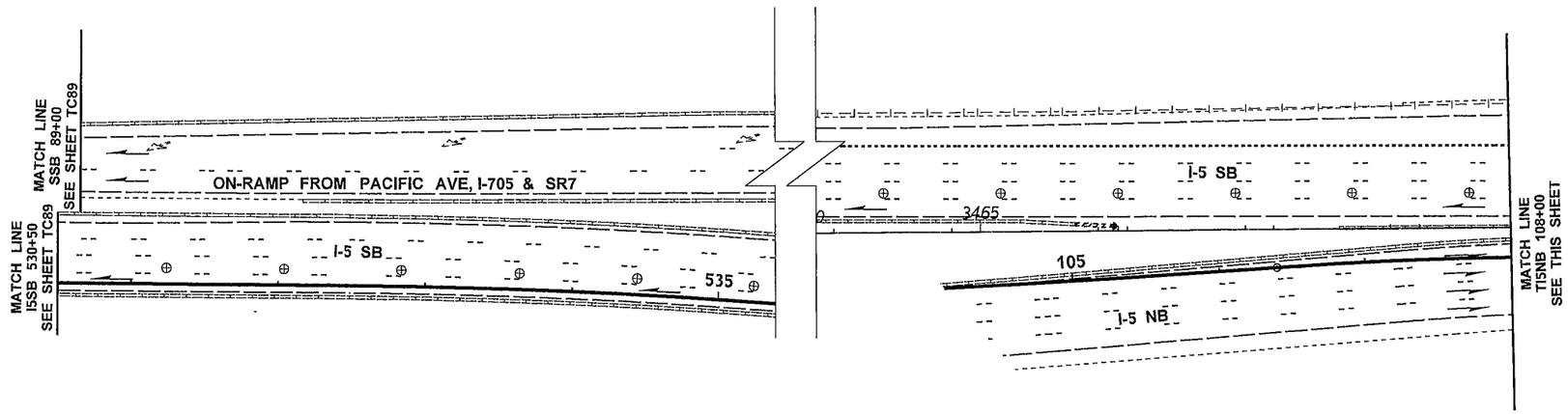
PLAN REF NO TC89

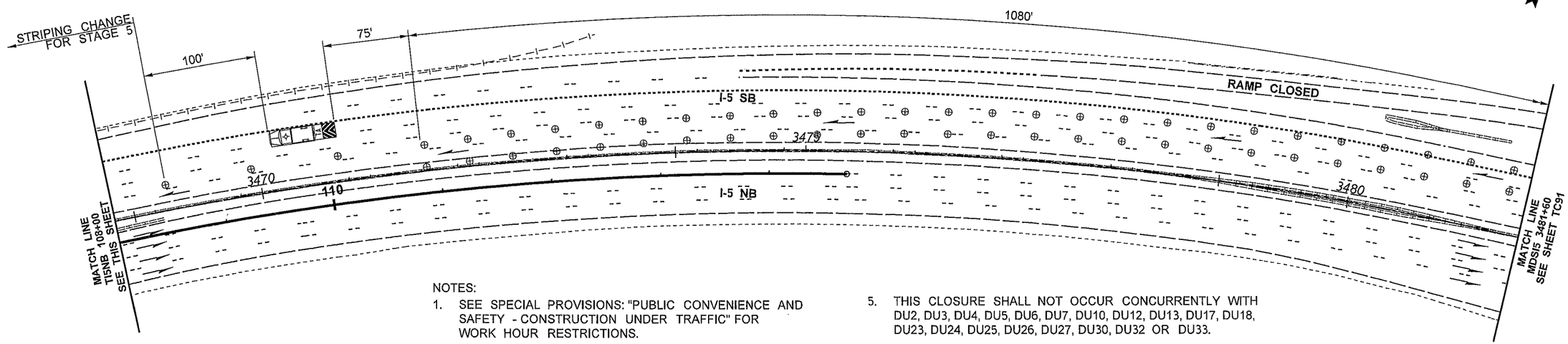
SHEET 1653 OF 1763 SHEETS

STAGE 4

I-5 SB TRIPLE LANE CLOSURE
SHIFT FROM TRIPLE LEFT
OFF-RAMPS TO I-705 AND SR 7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 5

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU15 OR DU16 AND DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU23, DU24, DU25, DU26, DU27, DU30, DU32 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
◁	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_090.dgn
TIME	12:14:33 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.
		XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

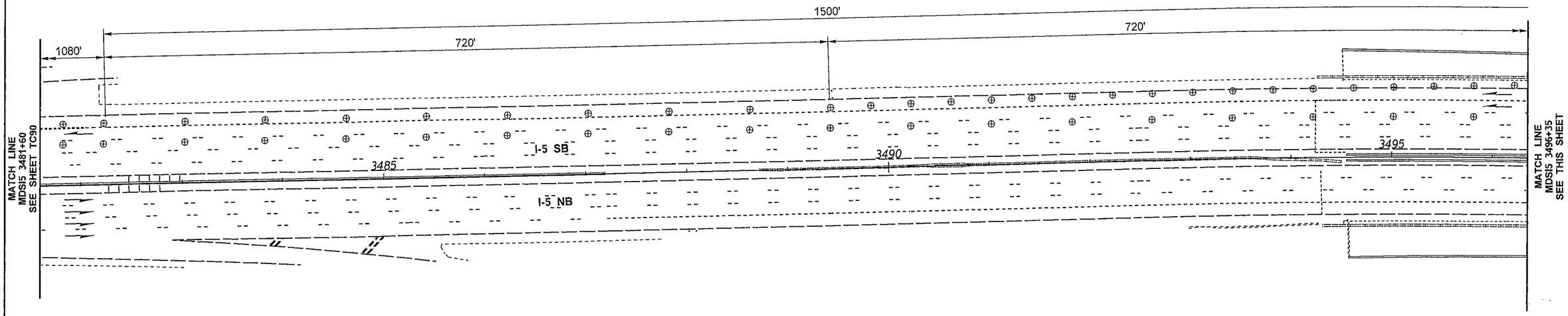
TRAFFIC CONTROL PLAN

PLAN REF NO TC90

SHEET 1654 OF 1763 SHEETS

STAGE 4

I-5 NB DOUBLE RIGHTLANE CLOSURE
SHIFT FROM TRIPLE LEFT
OFF-RAMPS TO I-705 AND SR7 CLOSED
ON-RAMP FROM PORTLAND AVE CLOSED
RESTRIPE TO STAGE 5



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
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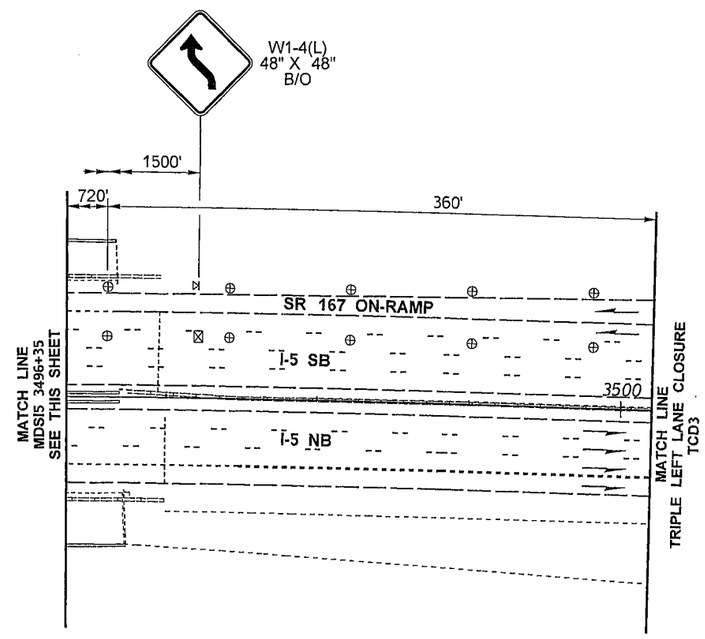
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.



LEGEND	
⋈	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_091.dgn
TIME	12:14:40 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	J. VARADY
ENTERED BY	J. VARADY
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

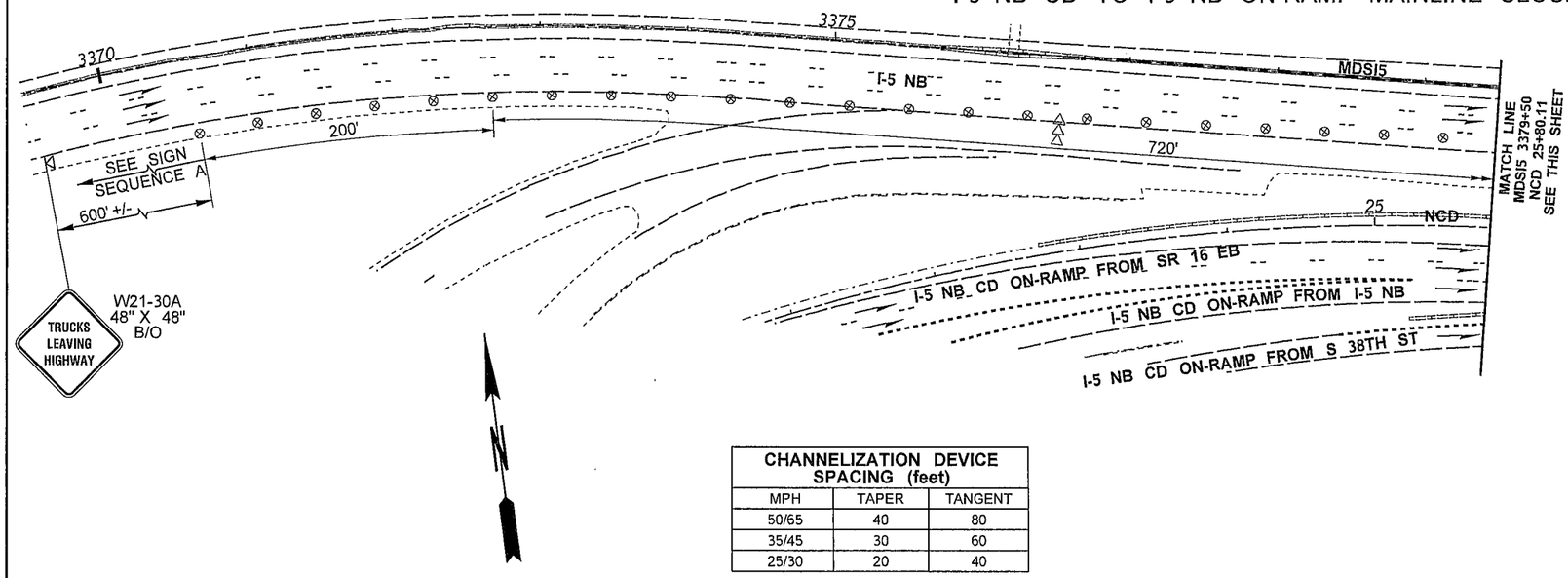
TRAFFIC CONTROL PLAN

PLAN REF NO TC91

SHEET 1655 OF 1763 SHEETS

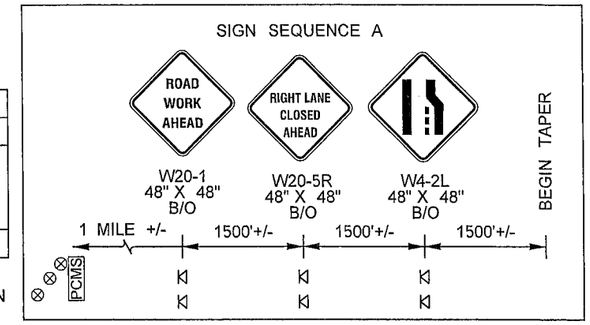
STAGE 5

I-5 NB CD TO I-5 NB ON-RAMP MAINLINE CLOSED



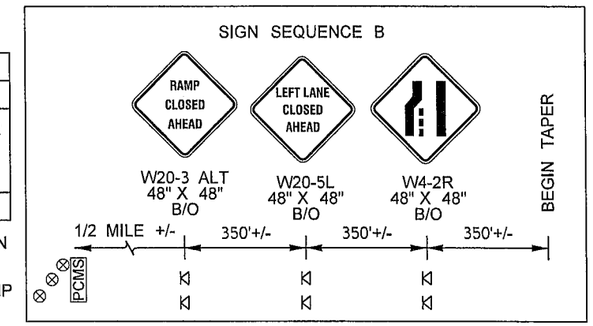
PCMS	
1	2
RIGHT LANE CLOSED	ROAD WORK AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB

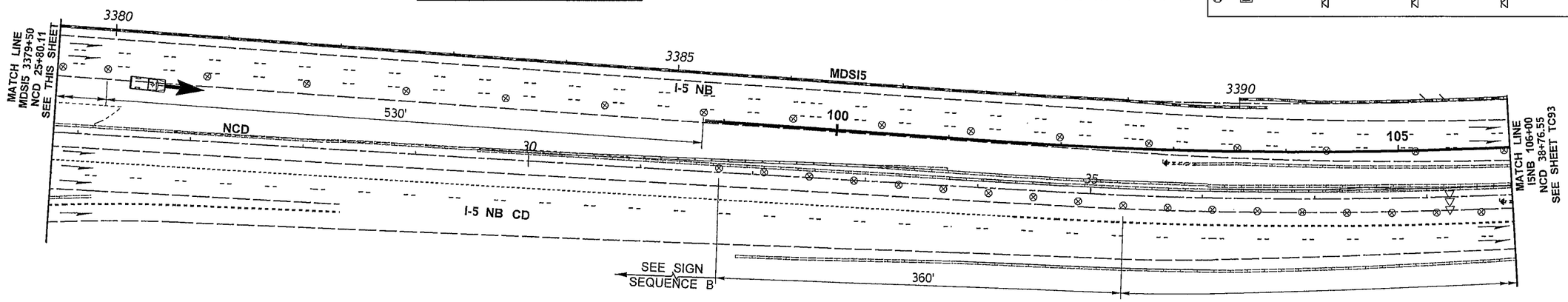


PCMS	
1	2
LEFT LANE CLOSED	DETOUR FOR I-5 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB CD
SR 16 EB
S 38TH ST ON-RAMP



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



PCMS	
1	2
I-5 NB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE S 38TH ST
WB 200' FROM ON RAMP
EB 1100' FROM ON RAMP

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
←	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3,DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_092.dgn
TIME	12:14:48 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

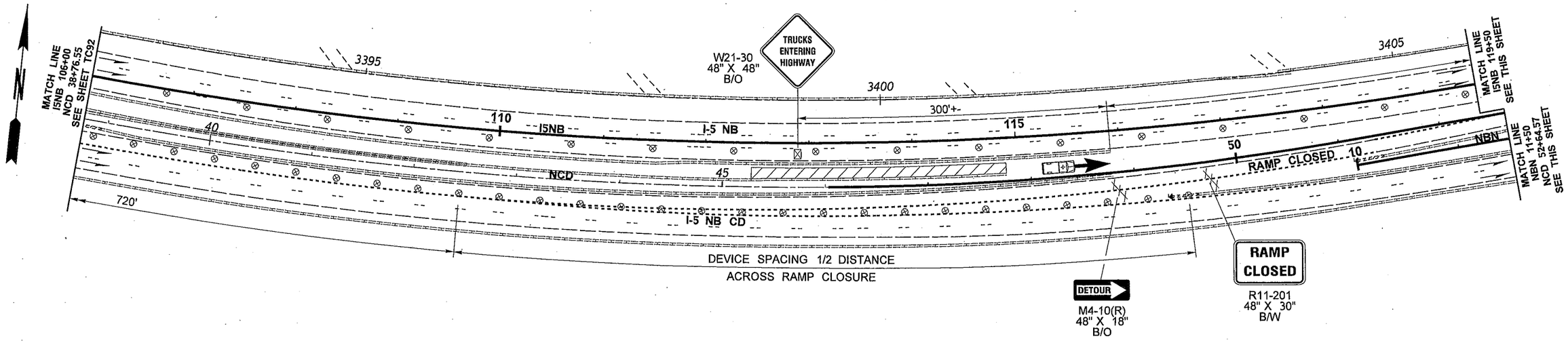
TRAFFIC CONTROL PLAN

PLAN REF NO TC92

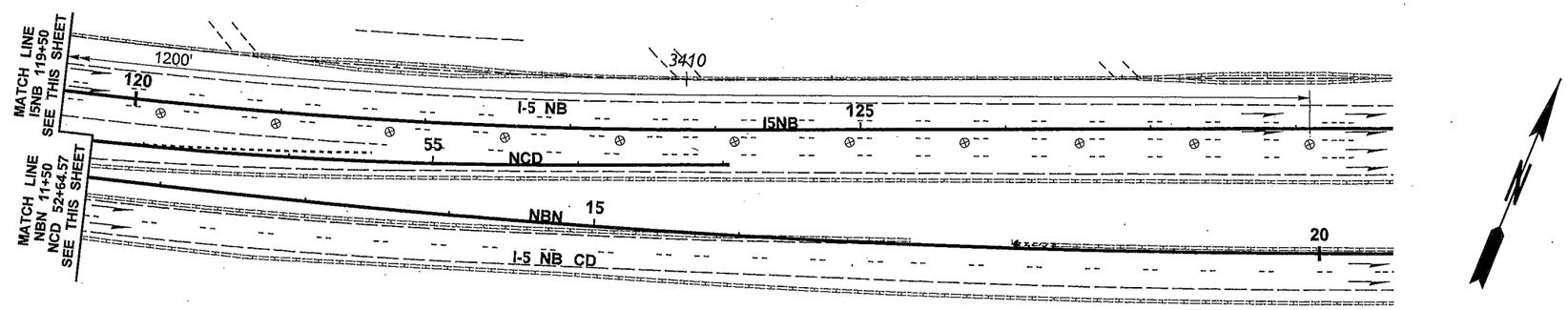
SHEET 1656 OF 1763 SHEETS

STAGE 5

I-5 NB CD TO I-5 NB ON-RAMP MAINLINE CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
\\\	TYPE 3 BARRICADE
▨	WORK AREA
←	PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_093.dgn
TIME	1:06:30 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

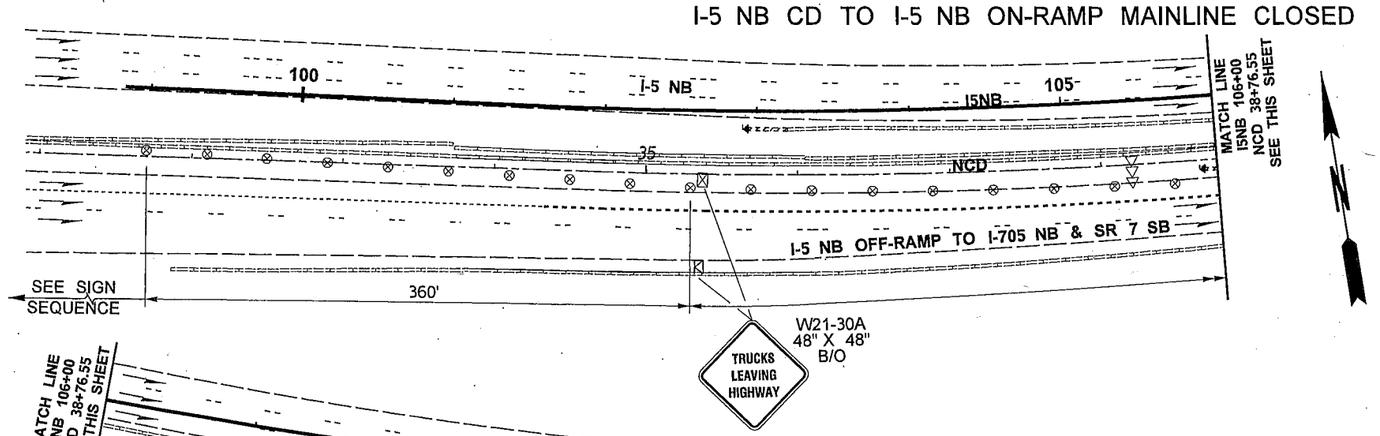
TRAFFIC CONTROL PLAN

PLAN REF NO TC93

SHEET 1657 OF 1763 SHEETS

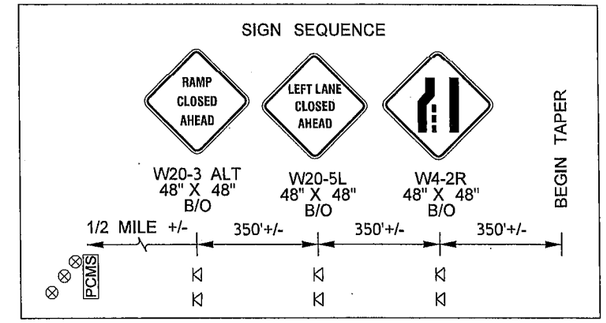
STAGE 5

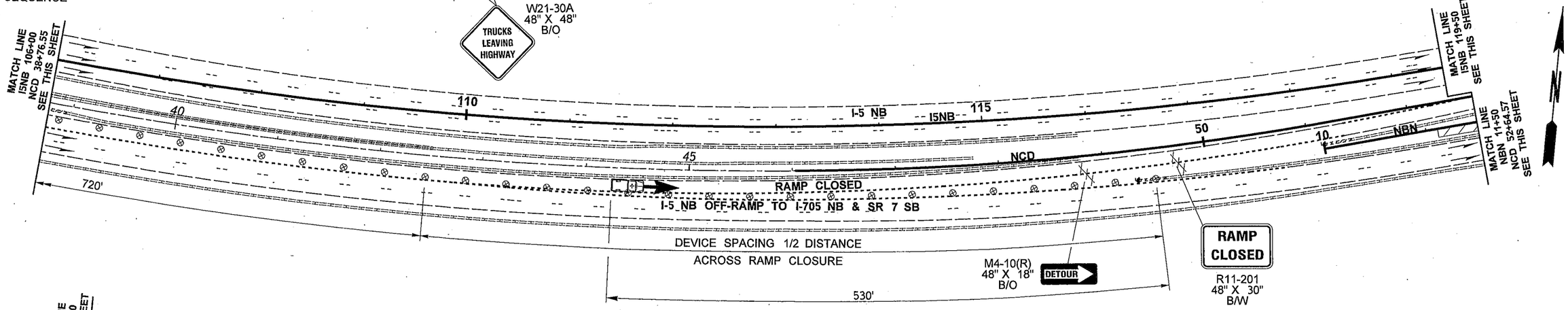
I-5 NB CD TO I-5 NB ON-RAMP MAINLINE CLOSED

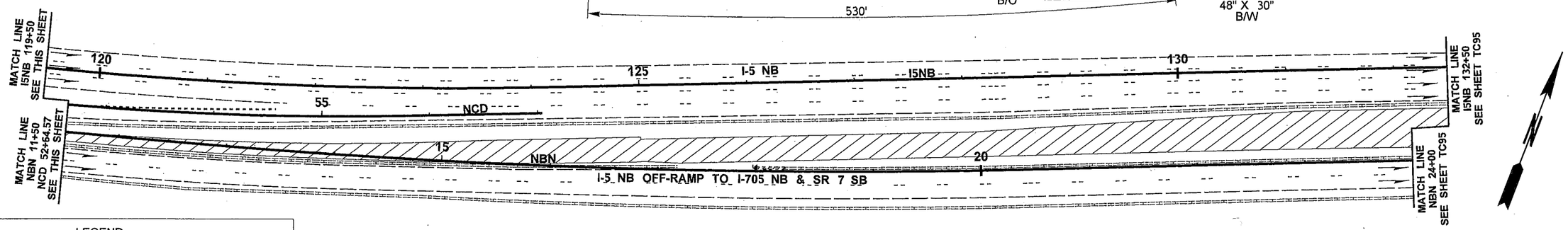


PCMS	
1	2
LEFT LANE CLOSED	DETOUR FOR I-5 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB CD
SR 16 EB
S 38TH ST ON-RAMP







LEGEND

◁	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
\\\	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
←	PERMITTED CONTRACTOR ACCESS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

NOTES:

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5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

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TIME	1:06:41 PM					
DATE	3/17/2014					
PLOTTED BY	ShulerF					
DESIGNED BY	T. BENTON					
ENTERED BY	T. BENTON					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTOL PLAN

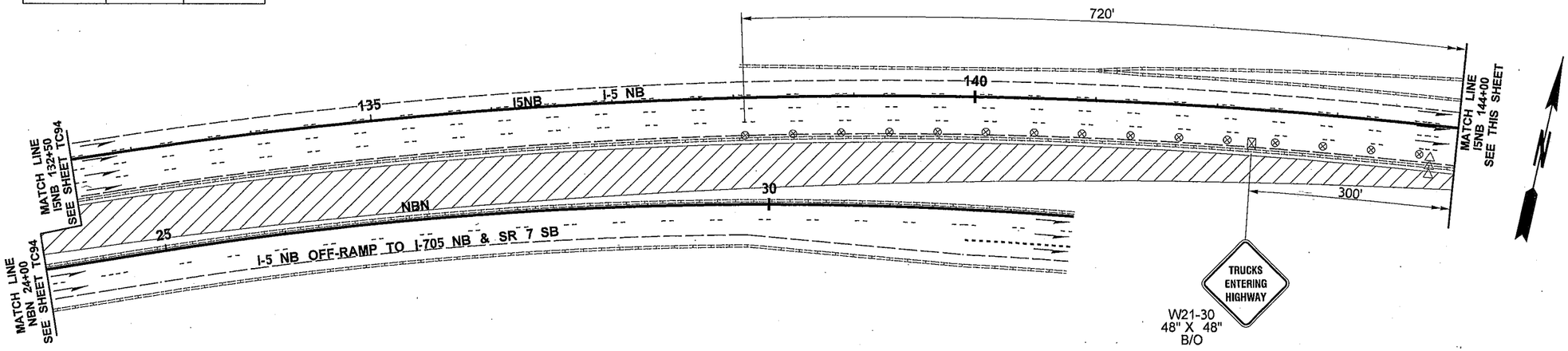
PLAN REF NO TC94

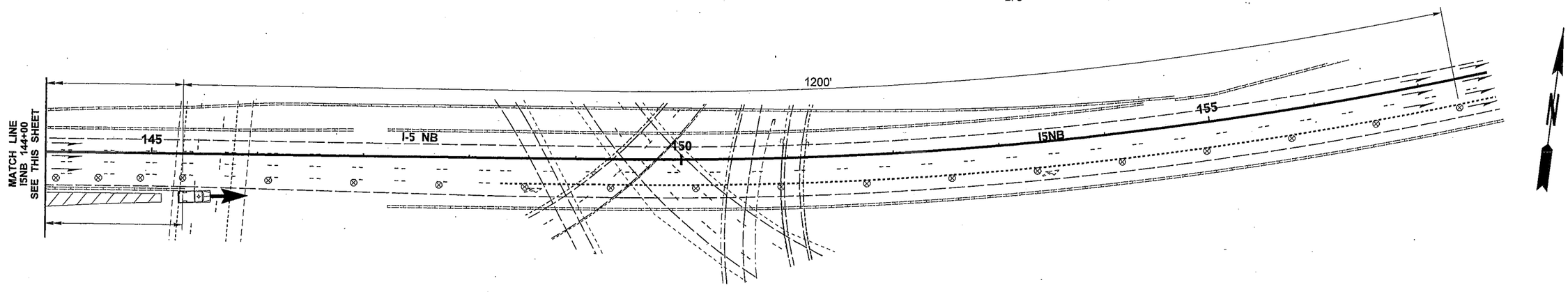
SHEET 1658 OF 1763 SHEETS

STAGE 5

I-5 NB CD TO I-5 NB ON-RAMP MAINLINE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
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4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

- ⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- ⊗ TRAFFIC SAFETY DRUM
- PERMITTED CONTRACTOR ACCESS

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_095.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	1:06:51 PM				JOB NUMBER		
DATE	3/17/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	T. BENTON				CONTRACT NO.		LOCATION NO.
ENTERED BY	T. BENTON						XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

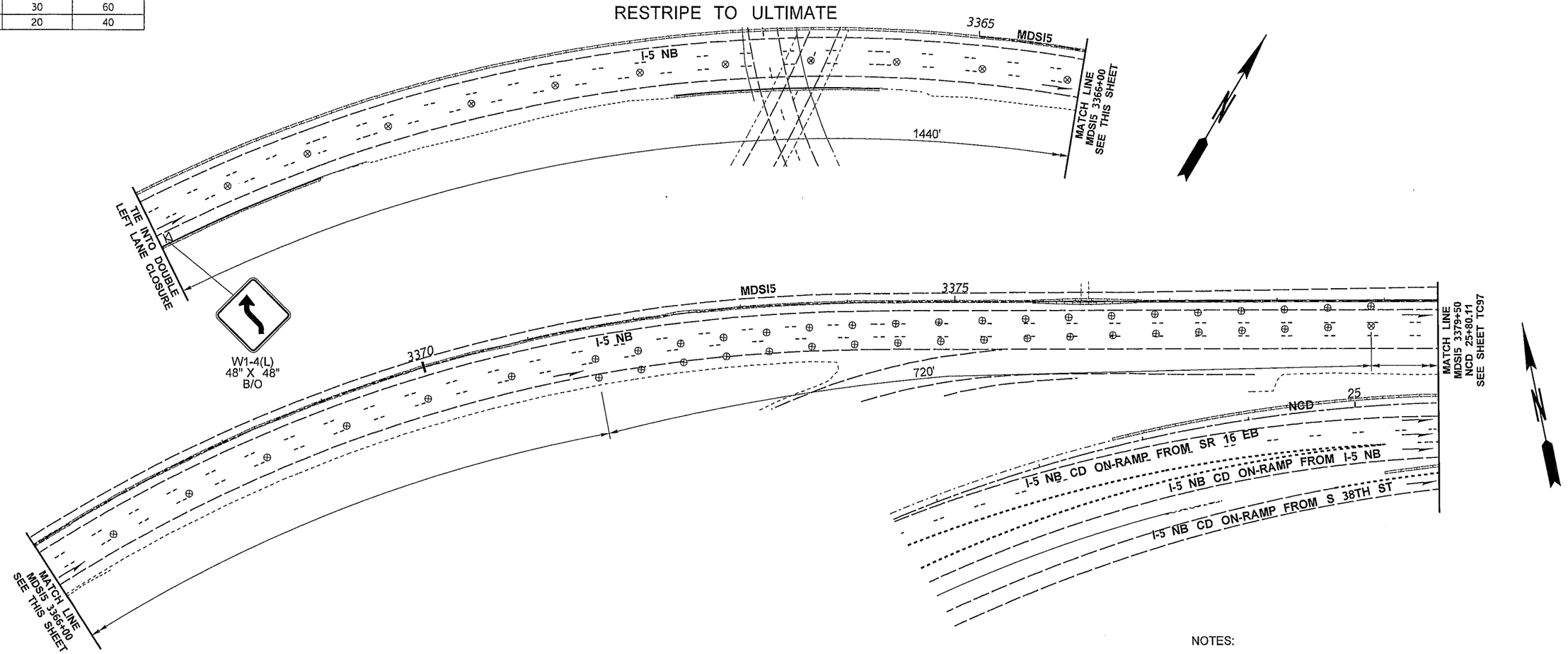
PLAN REF NO TC95

SHEET 1659 OF 1763 SHEETS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

STAGE 5

I-5 NB DOUBLE LEFT LANE CLOSURE
CHICANE TO SINGLE RIGHT
I-5 NB CD TO I-5 NB MAINLINE CLOSED
RESTRIPE TO ULTIMATE



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_096.dgn						
TIME	12:15:24 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	T. BENTON						
ENTERED BY	T. BENTON						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497	
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC96

SHEET 1660 OF 1763 SHEETS

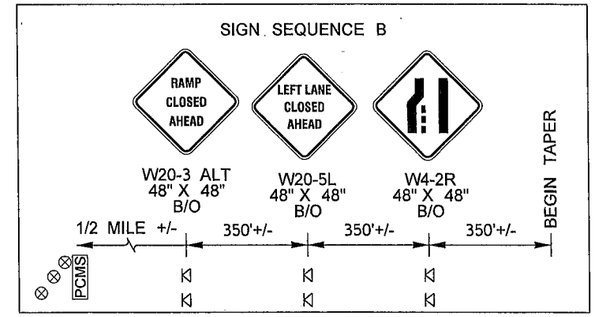
CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

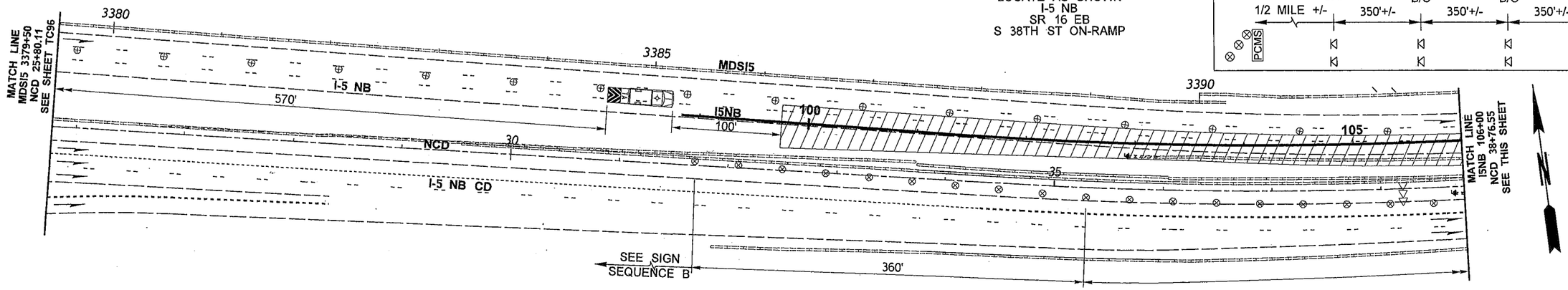
STAGE 5

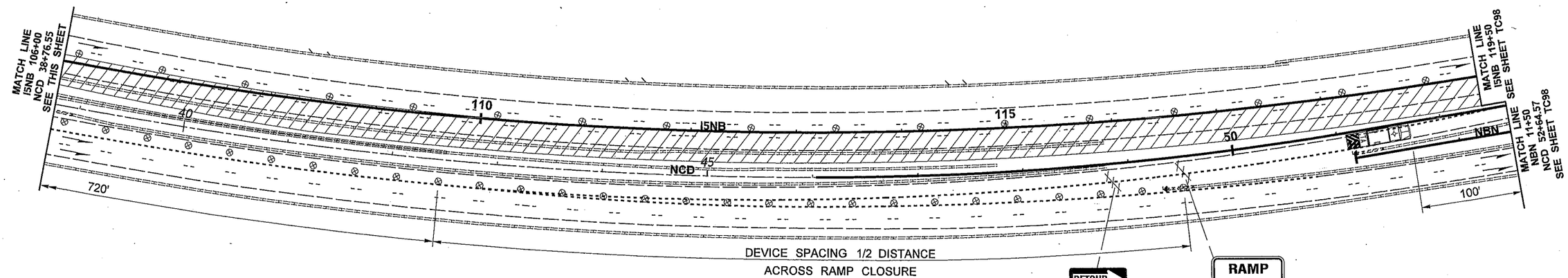
I-5 NB DOUBLE LEFT LANE CLOSURE
CHICANE TO SINGLE RIGHT
I-5 NB CD TO I-5 NB MAINLINE CLOSED
RESTRIPE TO ULTIMATE

PCMS	
1	2
LEFT LANE CLOSED	DETOUR FOR I-5 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB
SR 16 EB
S 38TH ST ON-RAMP







LEGEND	
◁	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	TRANSPORTABLE ATTENUATOR
	WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_097.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	1:07:01 PM				10	WASH	
DATE	3/17/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	T. BENTON				CONTRACT NO.		LOCATION NO.
ENTERED BY	T. BENTON						
CHECKED BY	R. CRUMBLEY						XL3497
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

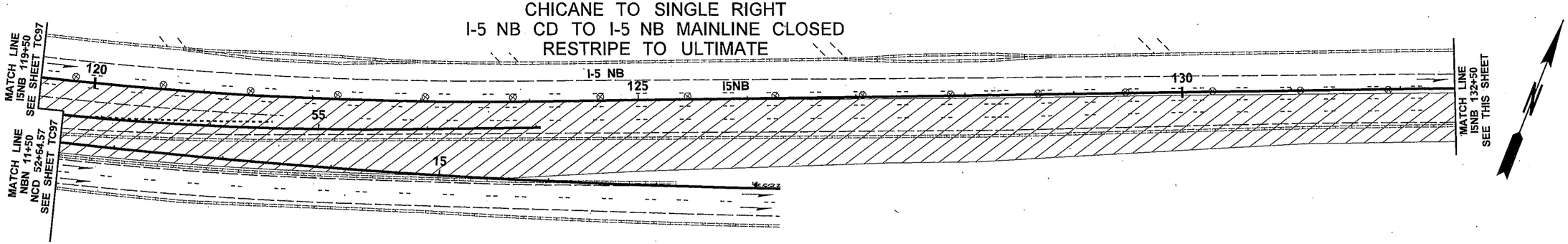
TRAFFIC CONTROL PLAN

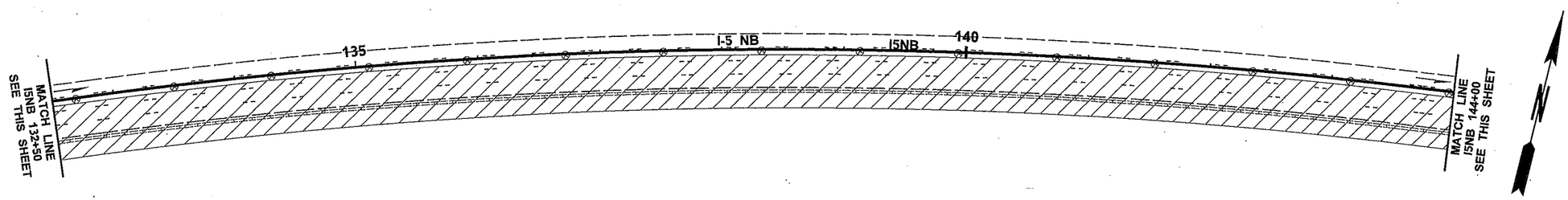
PLAN REF NO TC97

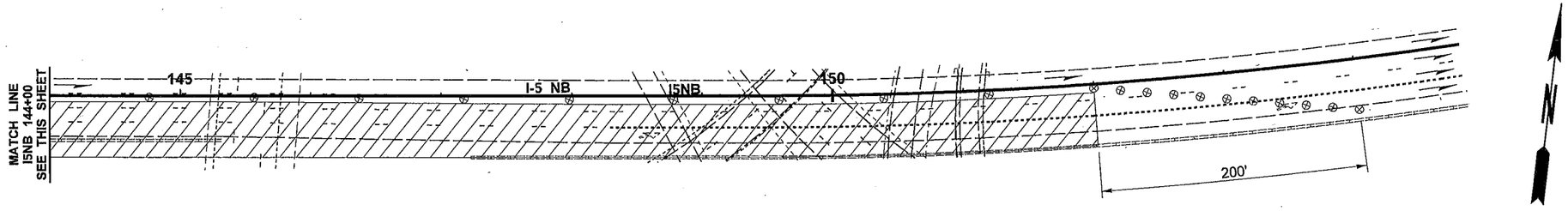
SHEET 1661 OF 1763 SHEETS

STAGE 5

I-5 DOUBLE LEFT LANE CLOSURE
CHICANE TO SINGLE RIGHT
I-5 NB CD TO I-5 NB MAINLINE CLOSED
RESTRIPE TO ULTIMATE







CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU4, DU5, DU6, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU30 OR DU32.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

WORK AREA

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_098.dgn
TIME	1:07:12 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

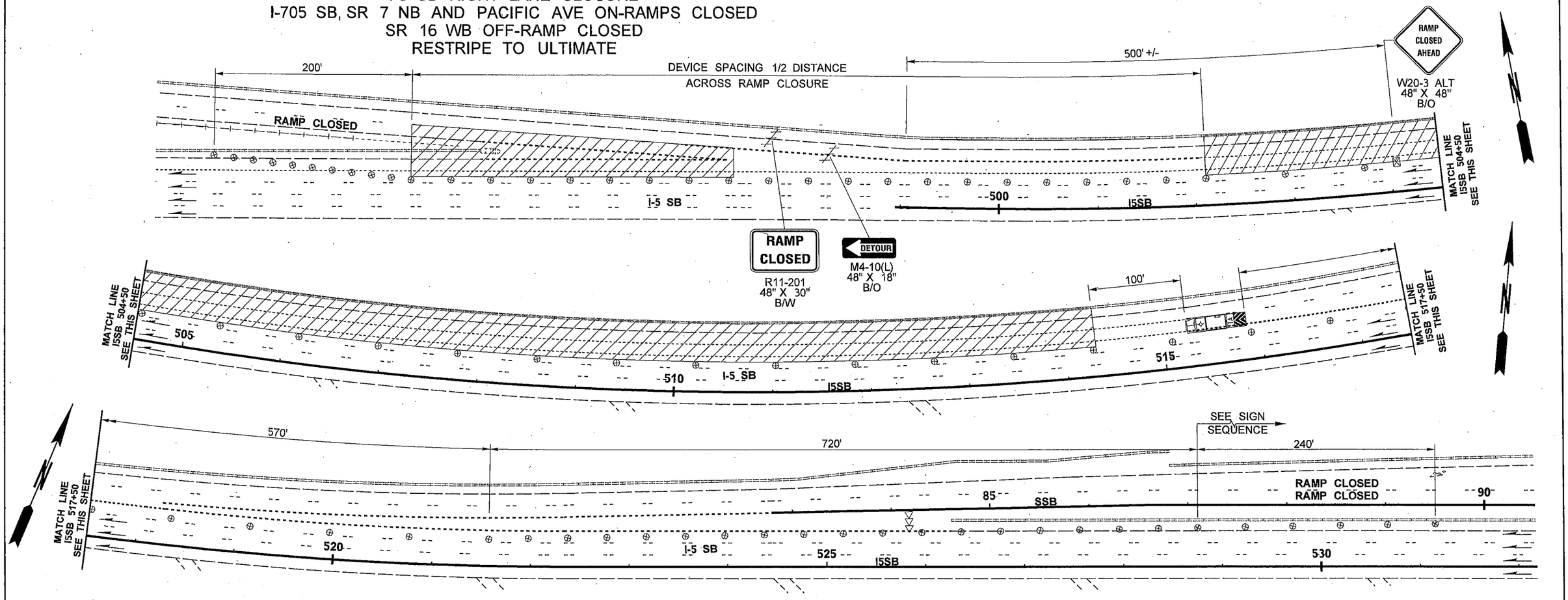
TRAFFIC CONTROL PLAN

PLAN REF NO TC98

SHEET 1662 OF 1763 SHEETS

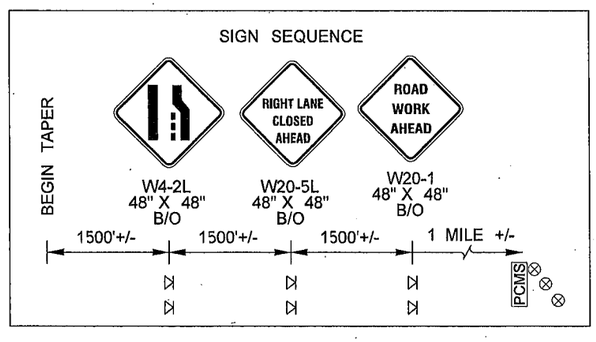
STAGE 5

I-5 SB RIGHT LANE CLOSURE
I-705 SB, SR 7 NB AND PACIFIC AVE ON-RAMPS CLOSED
SR 16 WB OFF-RAMP CLOSED
RESTRIPE TO ULTIMATE



LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- TYPE 3 BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRANSPORTABLE ATTENUATOR
- WORK AREA



PCMS	
1	2
RIGHT LANE CLOSED	ROAD WORK AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

0 50 100
SCALE IN FEET

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. SEE DU23 AND DU24 FOR CLOSURE.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9. DU10, DU11, DU12, DU13, DU15, DU16, DU17, DU18, DU19 AND DU21.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

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TIME	1:07:23 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	T. BENTON
ENTERED BY	T. BENTON
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

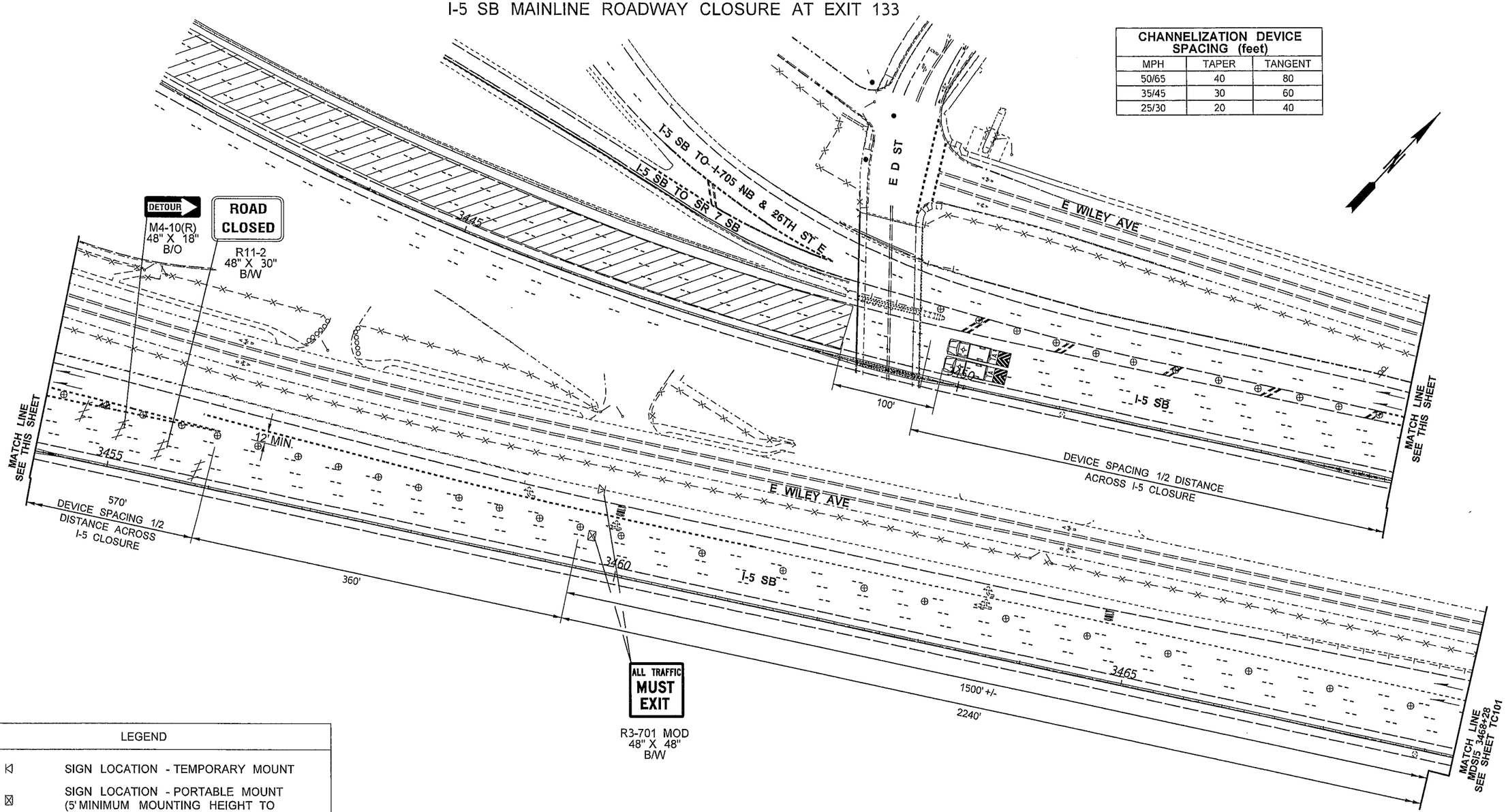
TRAFFIC CONTROL PLAN

PLAN REF NO TC99

SHEET 1663 OF 1763 SHEETS

I-5 SB MAINLINE ROADWAY CLOSURE AT EXIT 133

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
	TYPE 3 BARRICADE
	TRANSPORTABLE ATTENUATOR
	WORK AREA

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU12 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU6, DU8, DU9, DU10 OR DU13.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_100.dgn
TIME	12:15:57 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

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Washington State Department of Transportation

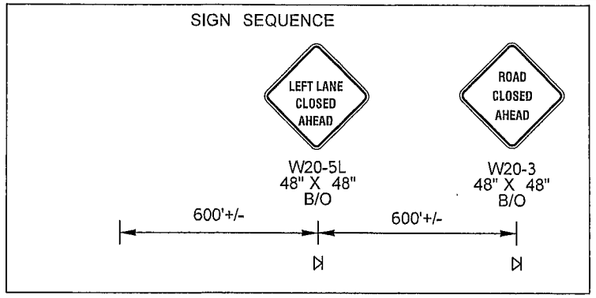
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

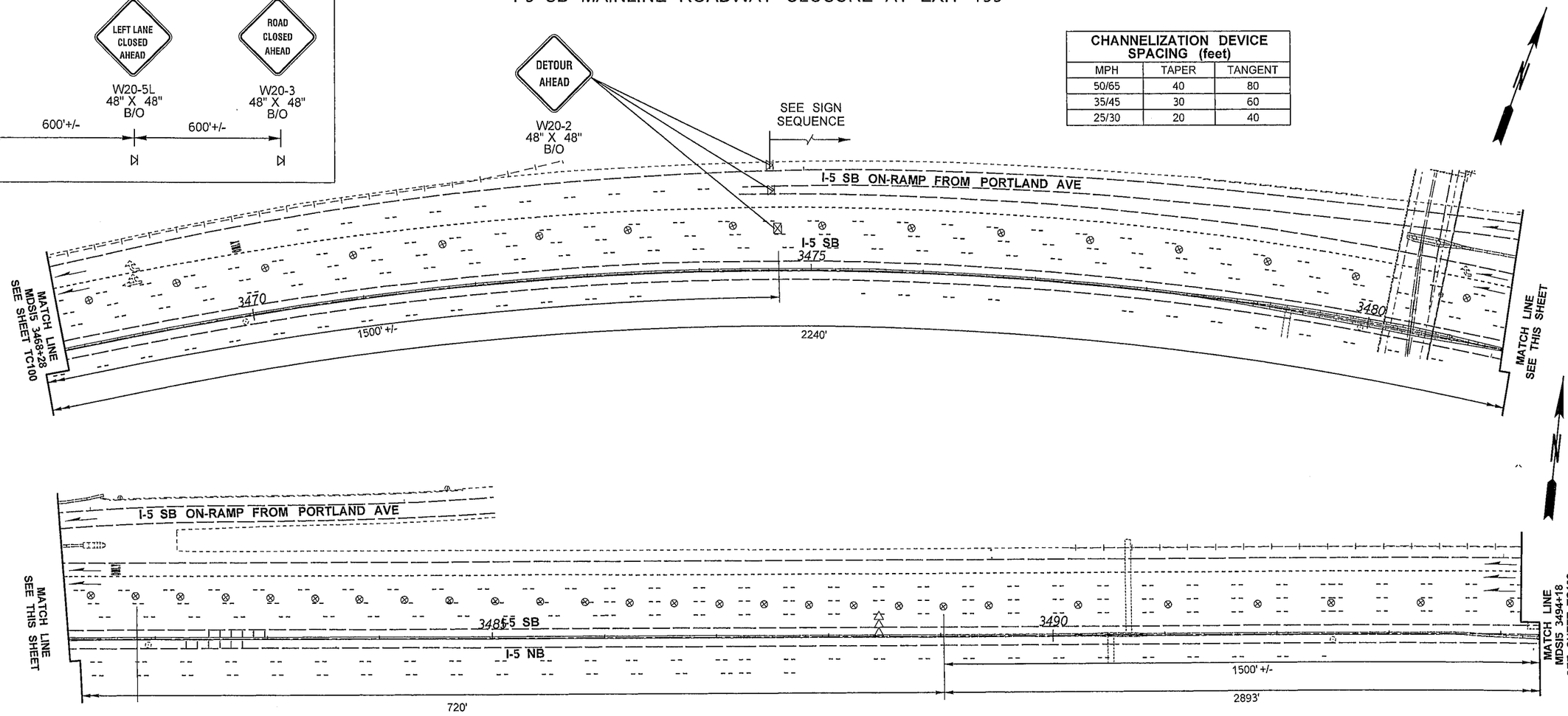
PLAN REF NO TC100

SHEET 1664 OF 1763 SHEETS

I-5 SB MAINLINE ROADWAY CLOSURE AT EXIT 133



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU12 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU6, DU8, DU9, DU10 OR DU13.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_101.dgn
TIME	12:08:10 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

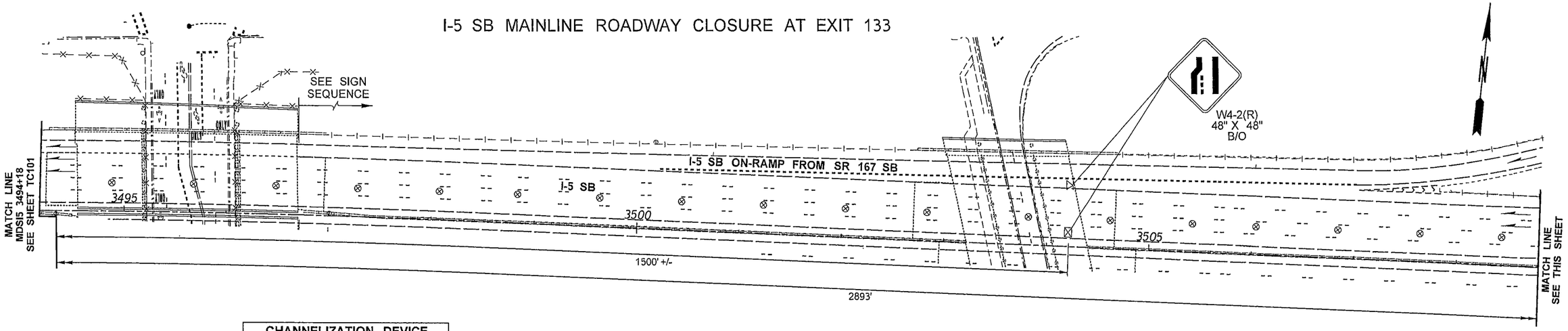
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

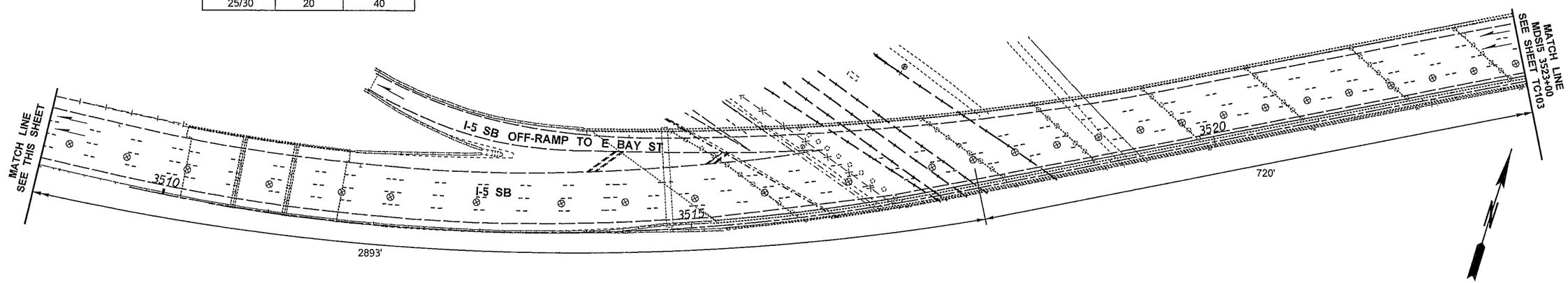
PLAN REF NO TC101

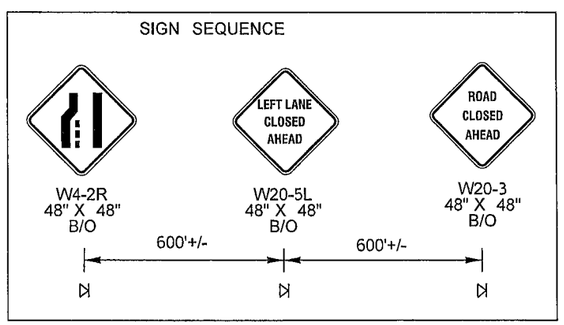
SHEET 1665 OF 1763 SHEETS

I-5 SB MAINLINE ROADWAY CLOSURE AT EXIT 133



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





LEGEND	
⋈	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU12 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU6, DU8, DU9, DU10 OR DU13.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_102.dgn
TIME	12:08:16 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

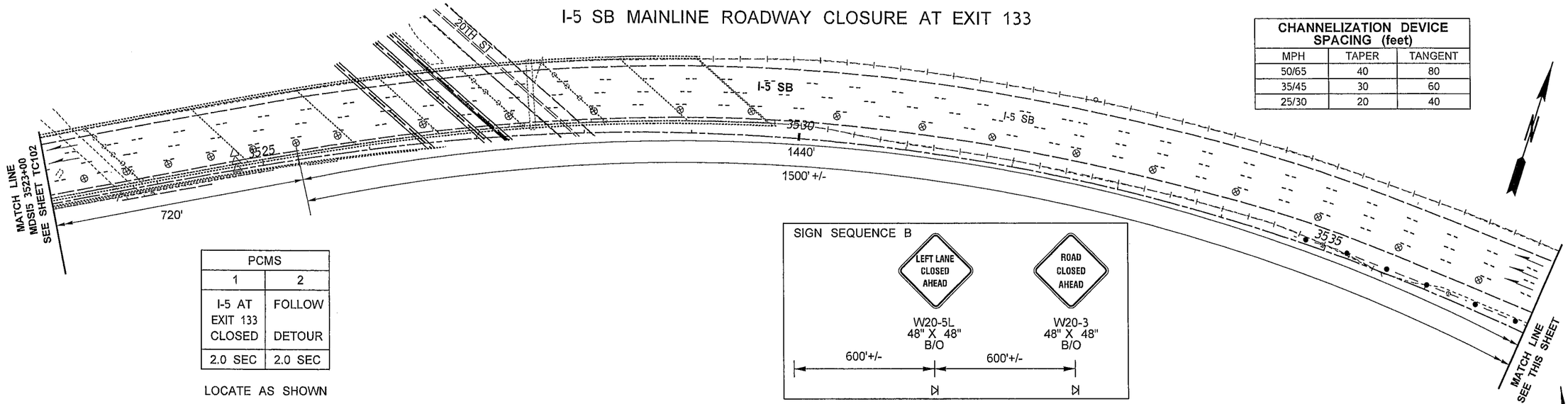
TRAFFIC CONTROL PLAN

PLAN REF NO TC102

SHEET 1666 OF 1763 SHEETS

I-5 SB MAINLINE ROADWAY CLOSURE AT EXIT 133

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

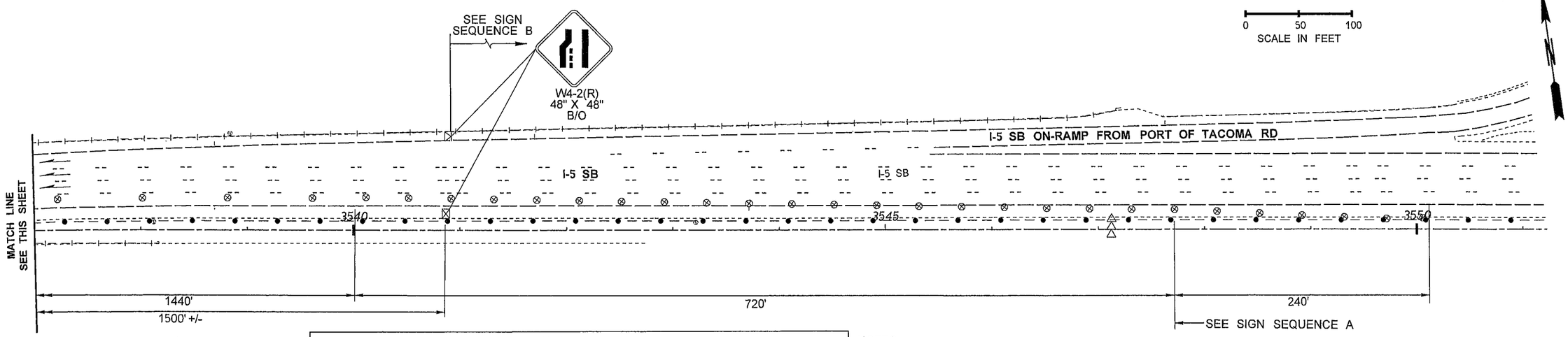


PCMS	
1	2
I-5 AT EXIT 133 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

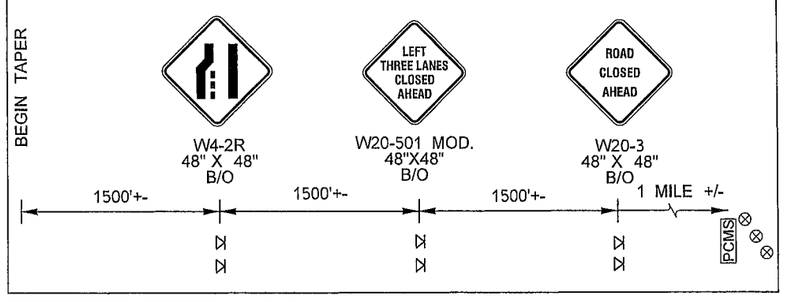
LOCATE AS SHOWN

SIGN SEQUENCE B

0 50 100
SCALE IN FEET



SIGN SEQUENCE A



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU12 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU6, DU8, DU9, DU10 OR DU13.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND

⊗	TRAFFIC SAFETY DRUM
⋈	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_103.dgn
TIME	12:08:22 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

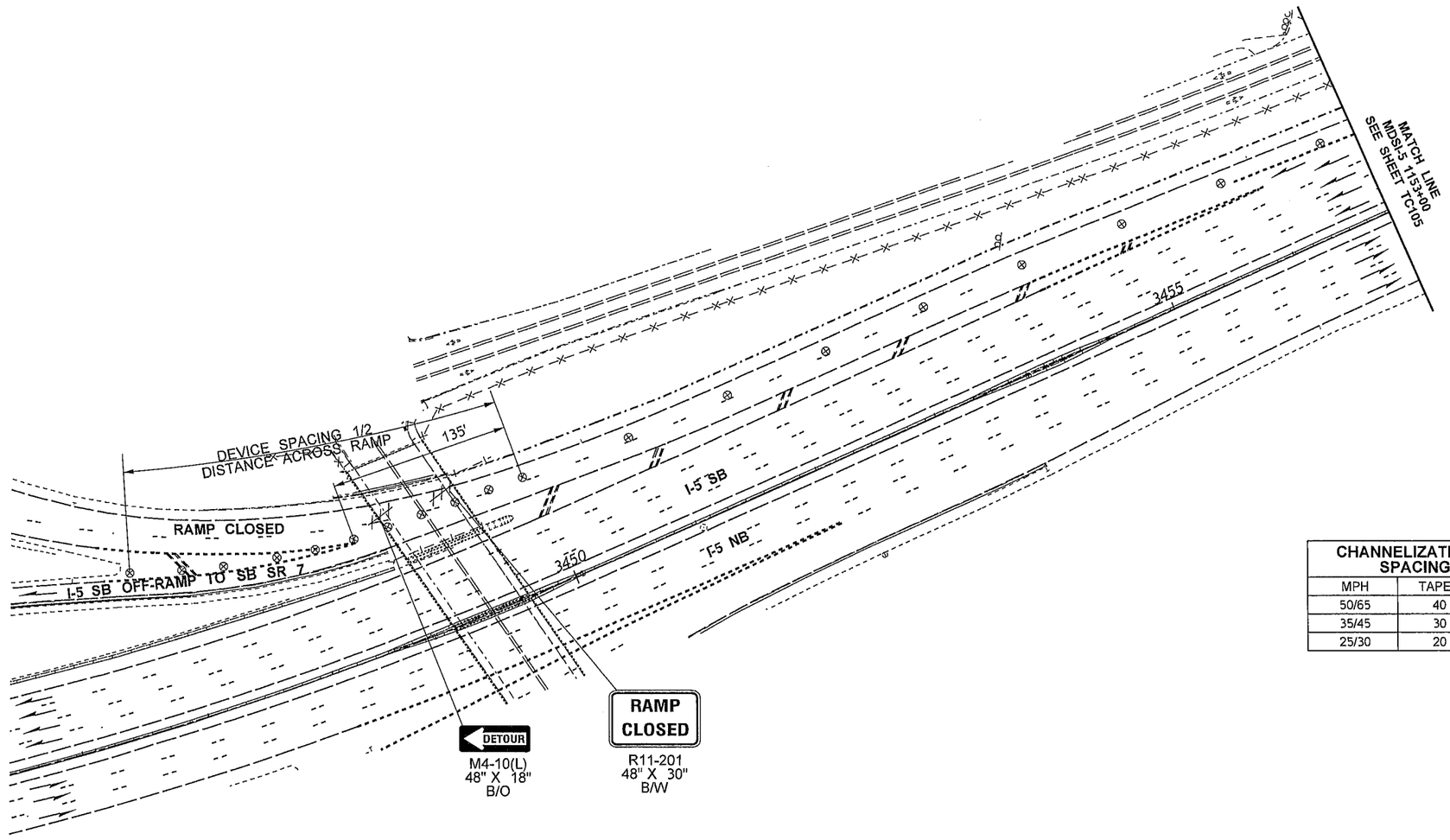
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC103

SHEET 1667 OF 1763 SHEETS

I-5 SB OFF RAMP TO I-705 NB CLOSURE



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU18 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU6, DU9, DU10, DU12, DU17, DU19, DU26, DU27 OR DU32.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
\\\	TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_104.dgn
TIME	12:08:27 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

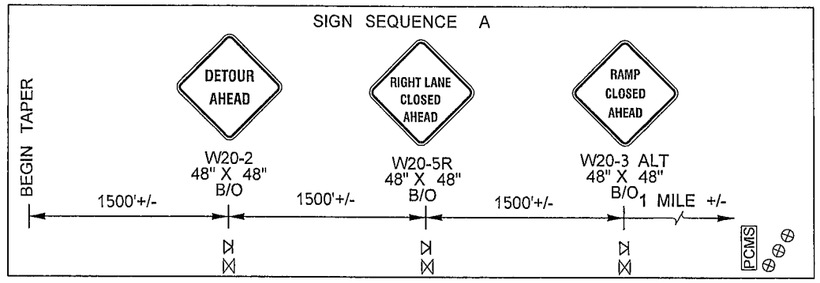
I-5
M ST TO PORTLAND AVE - HOV

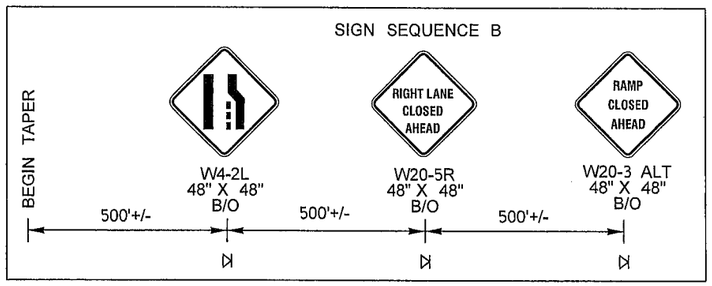
TRAFFIC CONTROL PLAN

PLAN REF NO TC104

SHEET 1668 OF 1763 SHEETS

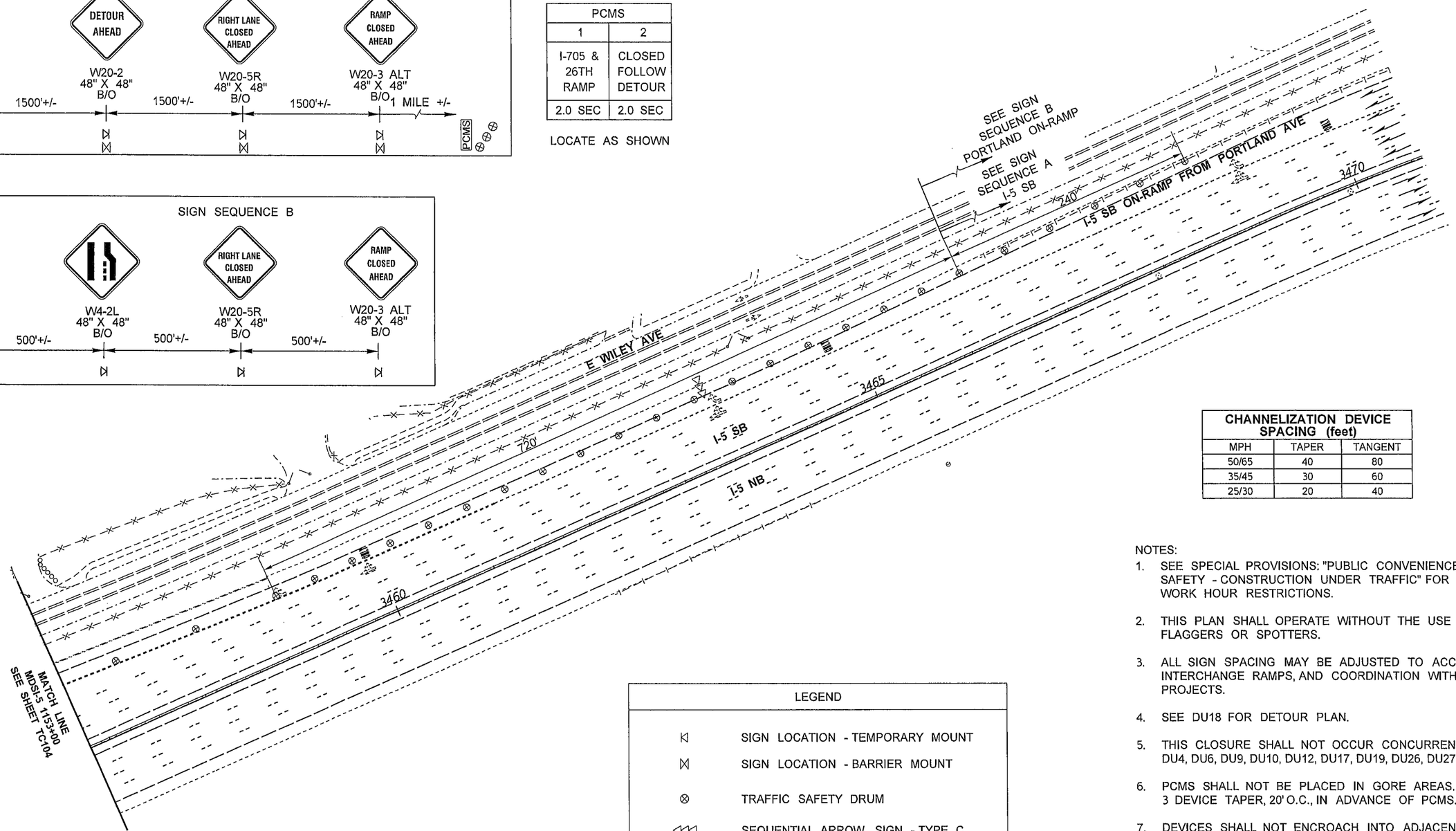
I-5 SB OFF RAMP TO I-705 NB CLOSURE





PCMS	
1	2
I-705 & 26TH RAMP	CLOSED FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⋊	SIGN LOCATION - TEMPORARY MOUNT
⋈	SIGN LOCATION - BARRIER MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AND COORDINATION WITH OTHER PROJECTS.
4. SEE DU18 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU6, DU9, DU10, DU12, DU17, DU19, DU26, DU27 OR DU32.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_105.dgn
TIME	12:08:32 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

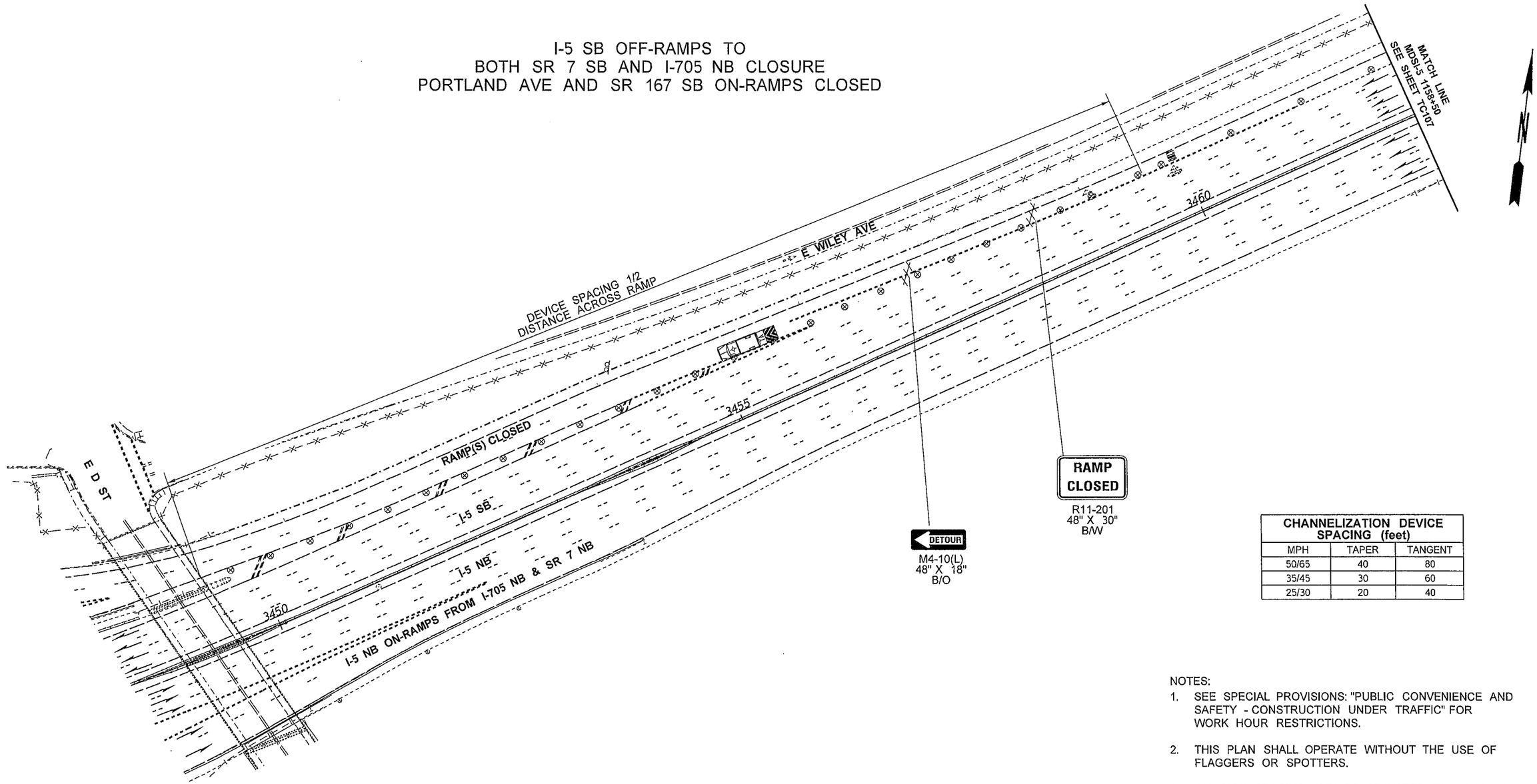
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC105

SHEET 1669 OF 1763 SHEETS

I-5 SB OFF-RAMPS TO
BOTH SR 7 SB AND I-705 NB CLOSURE
PORTLAND AVE AND SR 167 SB ON-RAMPS CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AND COORDINATION WITH OTHER PROJECTS.
4. SEE DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU9, DU10, DU12, DU17, DU18, DU27 OR DU32.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
	TYPE 3 BARRICADE
	TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_106.dgn
TIME	12:08:37 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

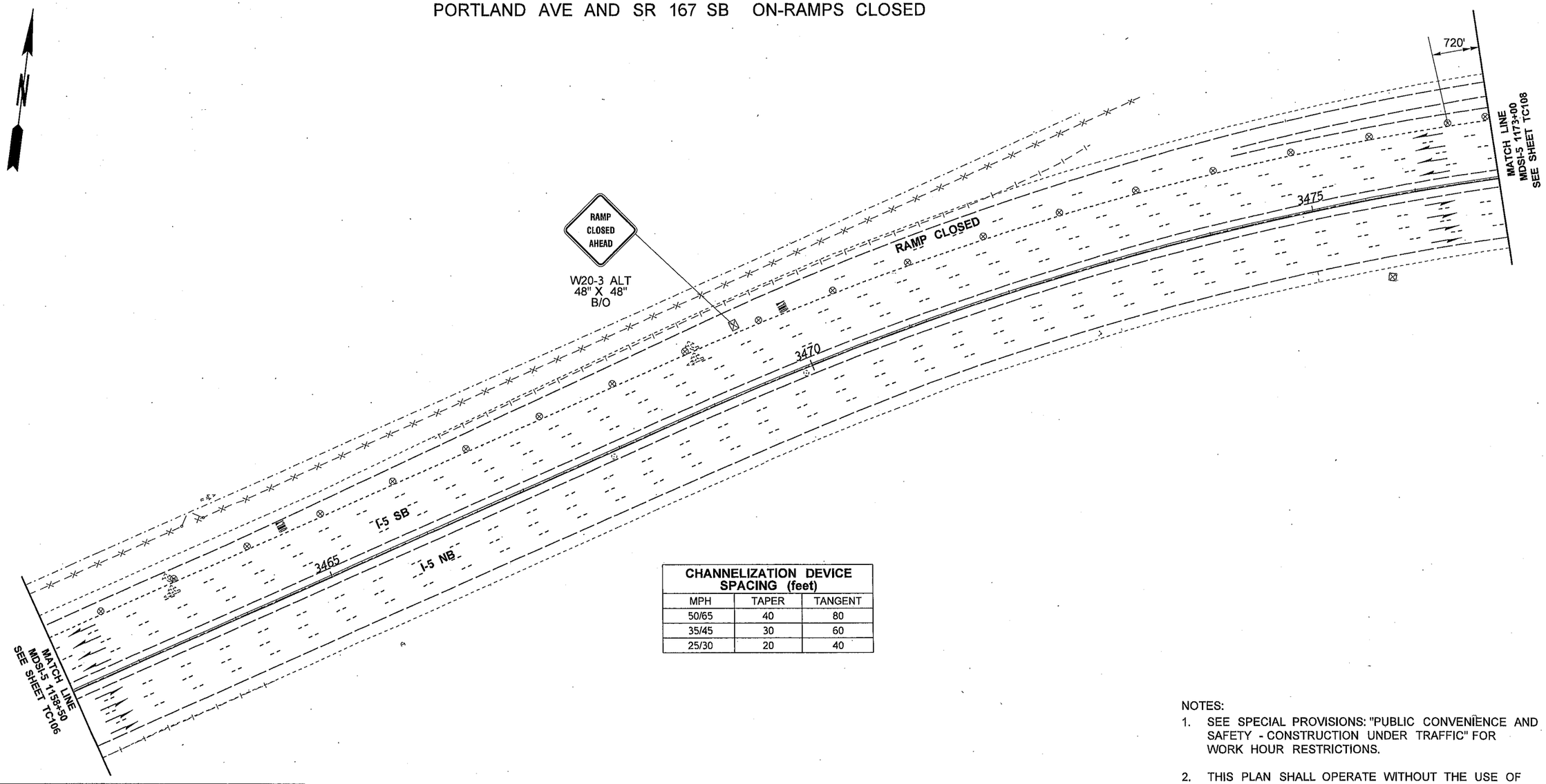
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC106

SHEET 1670 OF 1763 SHEETS

I-5 SB OFF-RAMPS TO BOTH
SR 7 SB AND I-705 NB CLOSURE
PORTLAND AVE AND SR 167 SB ON-RAMPS CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU19 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU9, DU10, DU12, DU17, DU18, DU27 OR DU32.

LEGEND

⊗ TRAFFIC SAFETY DRUM

⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_107.dgn
TIME	1:10:17 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

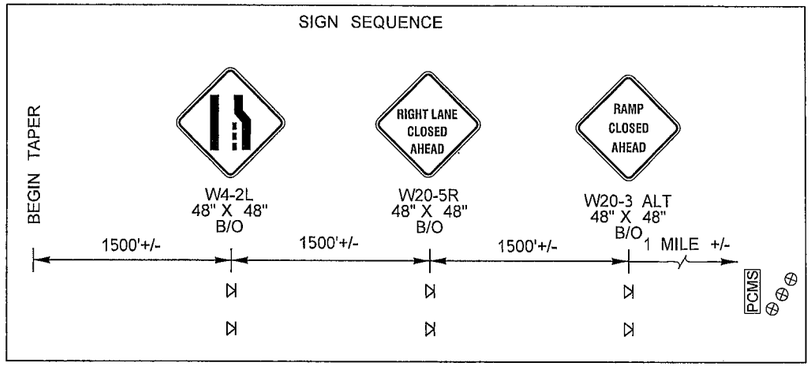
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC107

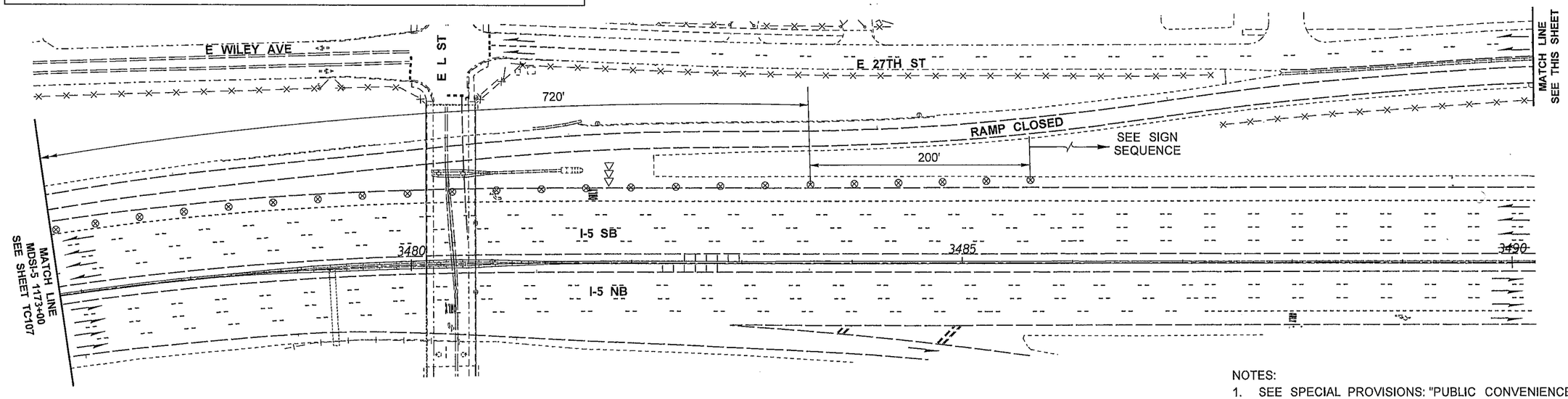
SHEET 1671 OF 1763 SHEETS

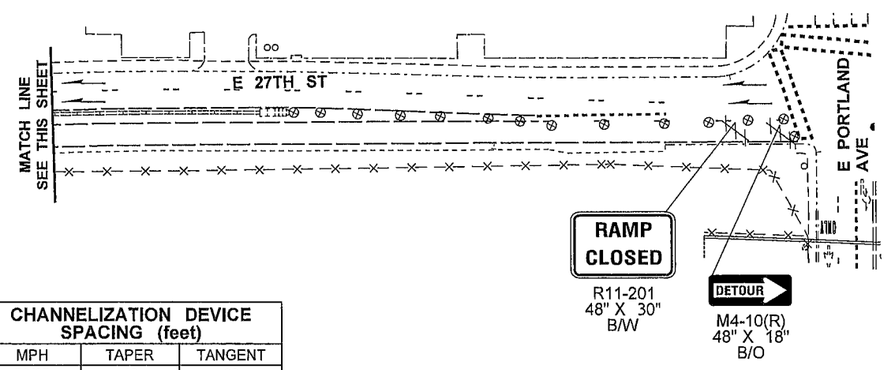
I-5 SB OFF-RAMP TO BOTH SR 7 SB AND I-705 NB CLOSURE PORTLAND AVE AND SR 167 SB ON-RAMPS CLOSED



PCMS	
1	2
EXIT 133 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE DU19 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU9, DU10, DU12, DU17, DU18, DU27, OR DU32.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
\\\	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_108.dgn
TIME	12:08:48 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

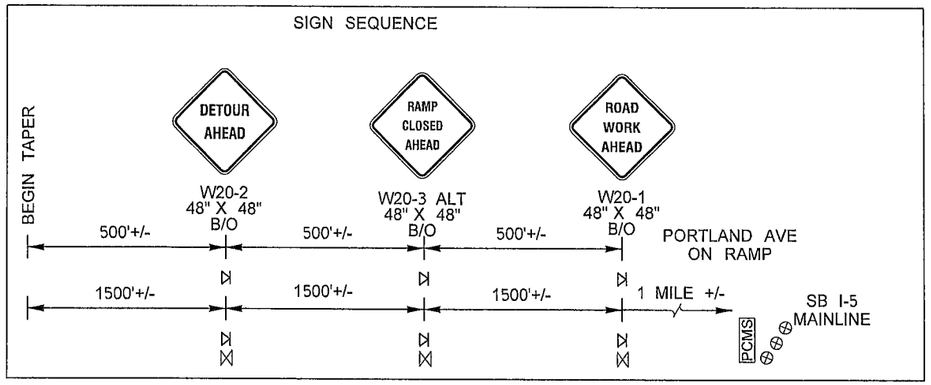
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC108

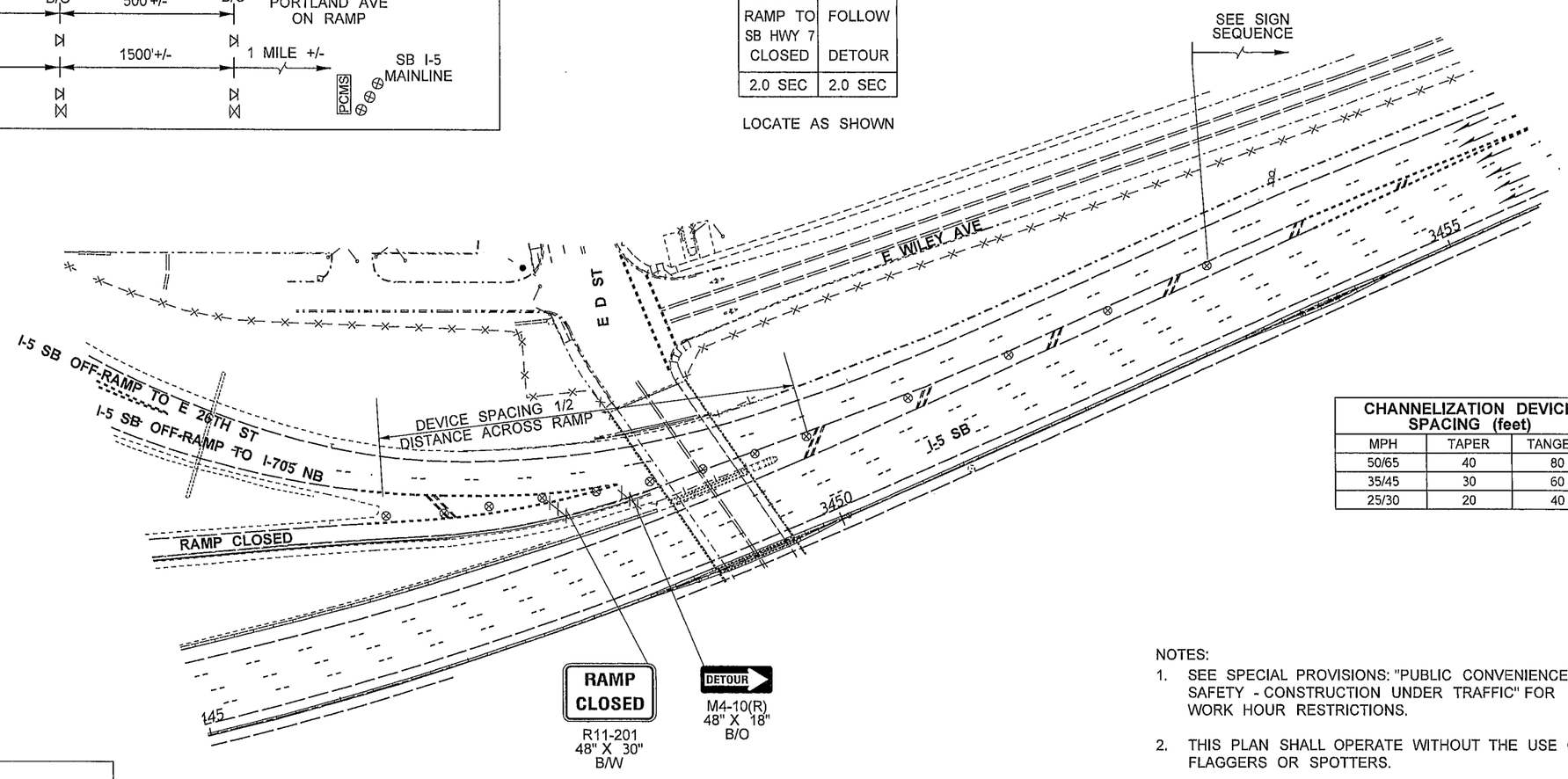
SHEET 1672 OF 1763 SHEETS

I-5 SB OFF-RAMP TO SR 7 SB CLOSURE



PCMS	
1	2
RAMP TO SB HWY 7 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU17 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU8, DU12, DU18, DU19, DU27 OR DU32.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⋈	SIGN LOCATION - TEMPORARY MOUNT
⋈	SIGN LOCATION - BARRIER MOUNT
⊗	TRAFFIC SAFETY DRUM
\\\	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_109.dgn					
TIME	12:08:54 PM					
DATE	2/18/2014					
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

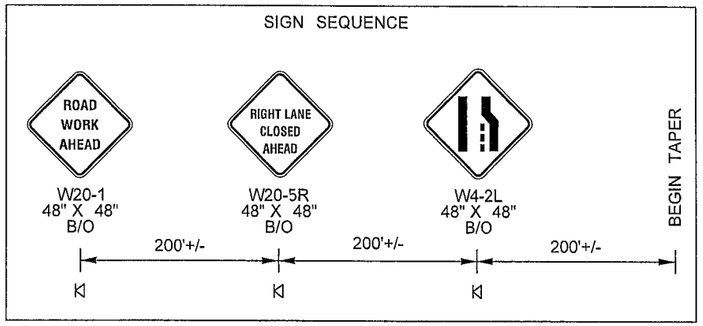
I-5
M ST TO PORTLAND AVE - HOV

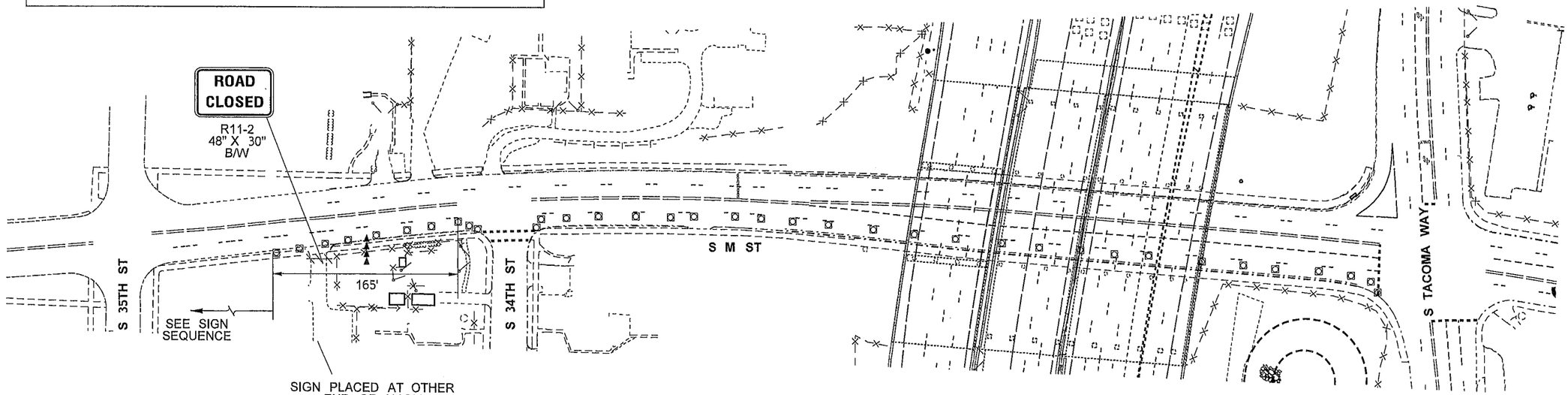
TRAFFIC CONTROL PLAN

PLAN REF NO TC109

SHEET 1673 OF 1763 SHEETS

S M ST
RIGHT LANE CLOSURE





SIGN PLACED AT OTHER END OF ALLEY

ROAD CLOSED TO THRU TRAFFIC

R11-4
60" X 30"
B/O

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- CHANNELIZING DEVICE
- SEQUENTIAL ARROW SIGN - TYPE B
- TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
4. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

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DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

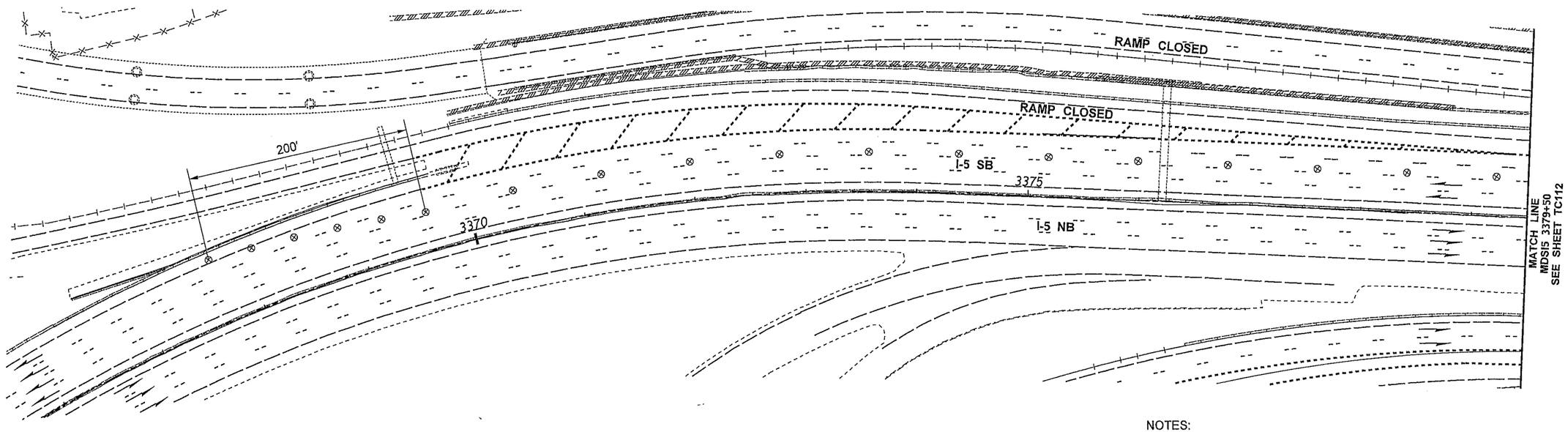
TRAFFIC CONTROL PLAN

PLAN REF NO TC110

SHEET 1674 OF 1763 SHEETS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
I-5 SB ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU10,DU12, DU15, DU16, DU17, DU18 OR DU19.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_111.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:09:07 PM						
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

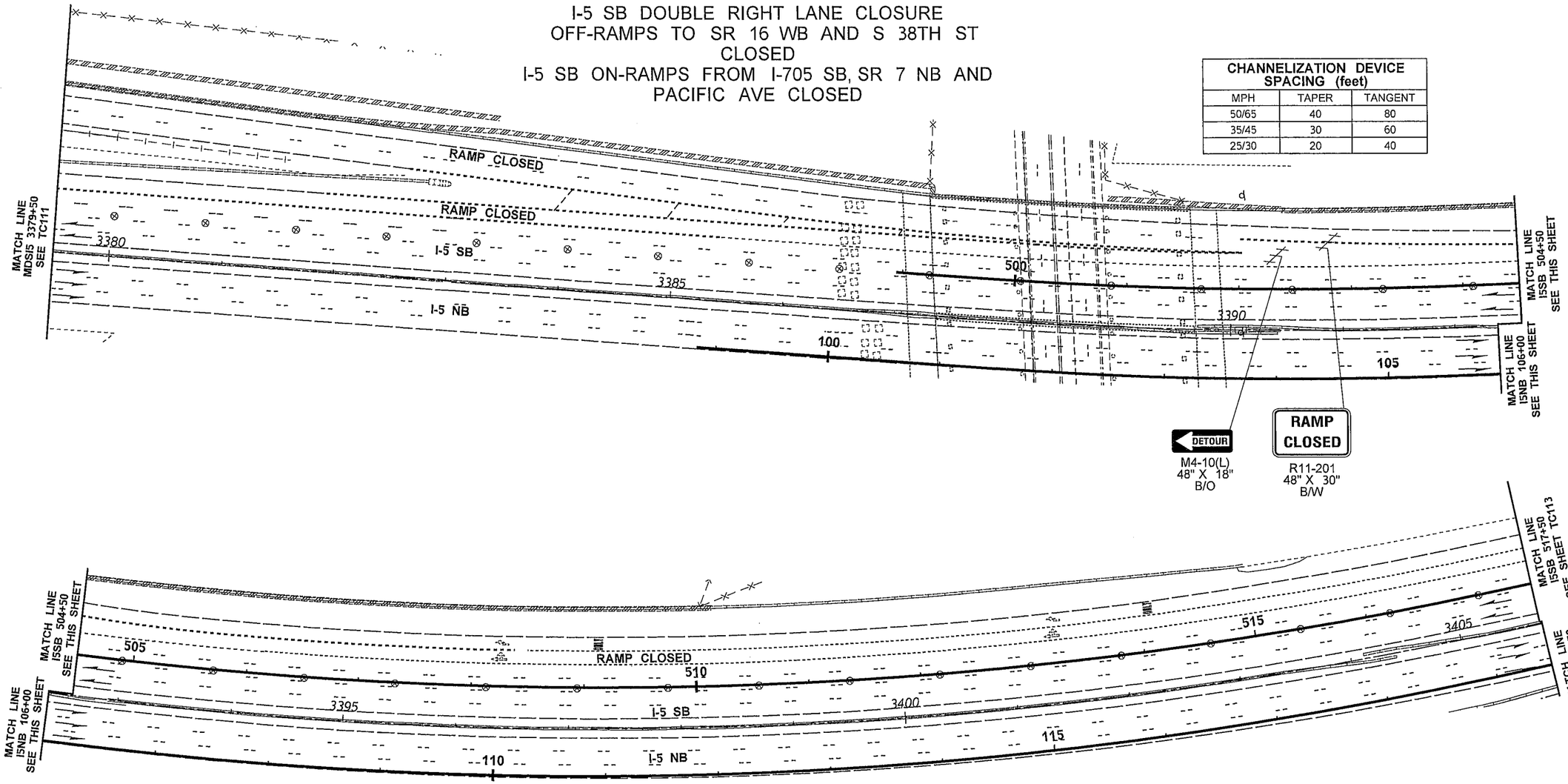
TRAFFIC CONTROL PLAN

PLAN REF NO TC111

SHEET 1675 OF 1763 SHEETS

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
I-5 SB ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU10, DU12, DU15, DU16, DU17, DU18 OR DU19.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
\\\	TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_112.dgn
TIME	12:09:16 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

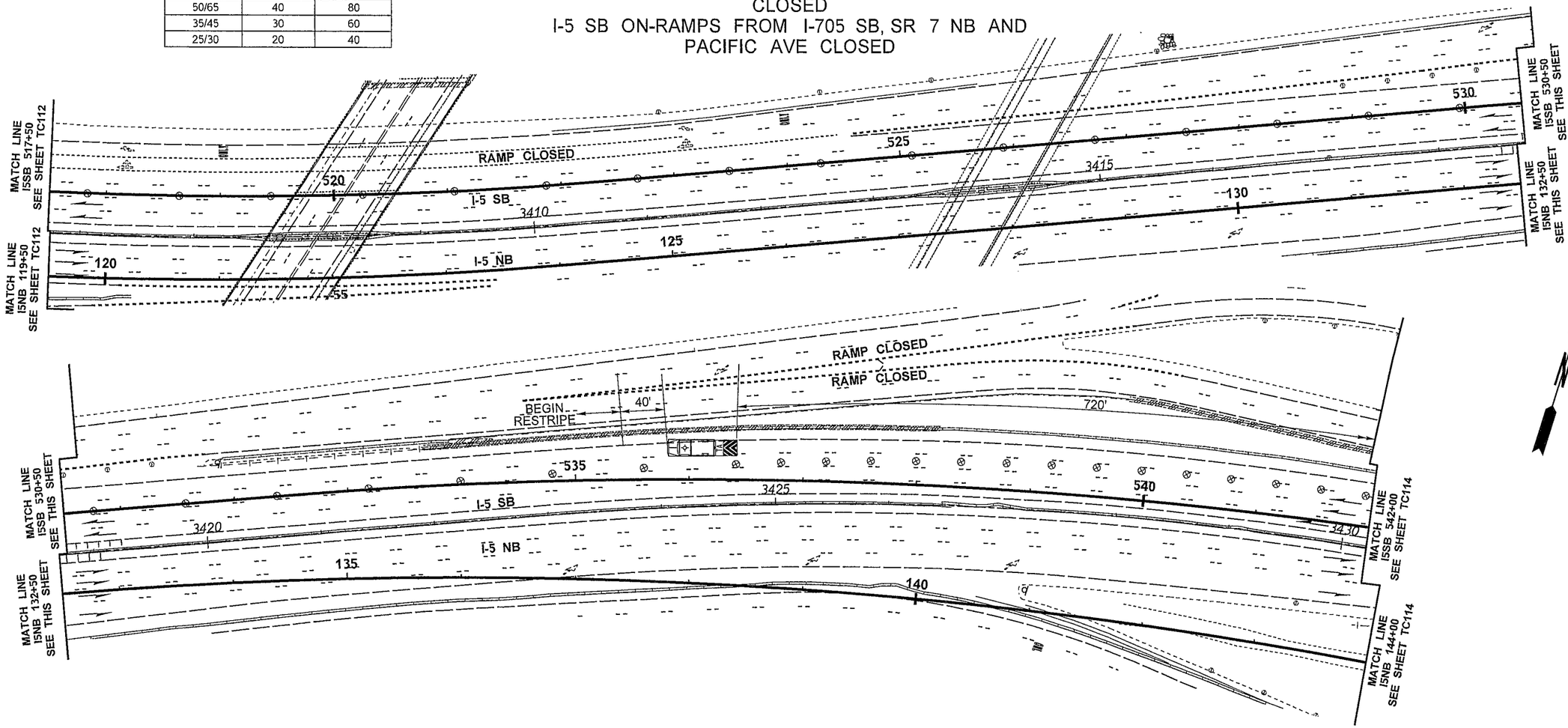
TRAFFIC CONTROL PLAN

PLAN REF NO TC112

SHEET 1676 OF 1763 SHEETS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
I-5 SB ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU10, DU12, DU15, DU16, DU17, DU18 OR DU19.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

⊗ TRAFFIC SAFETY DRUM

TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_113.dgn
TIME	12:09:25 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

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Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

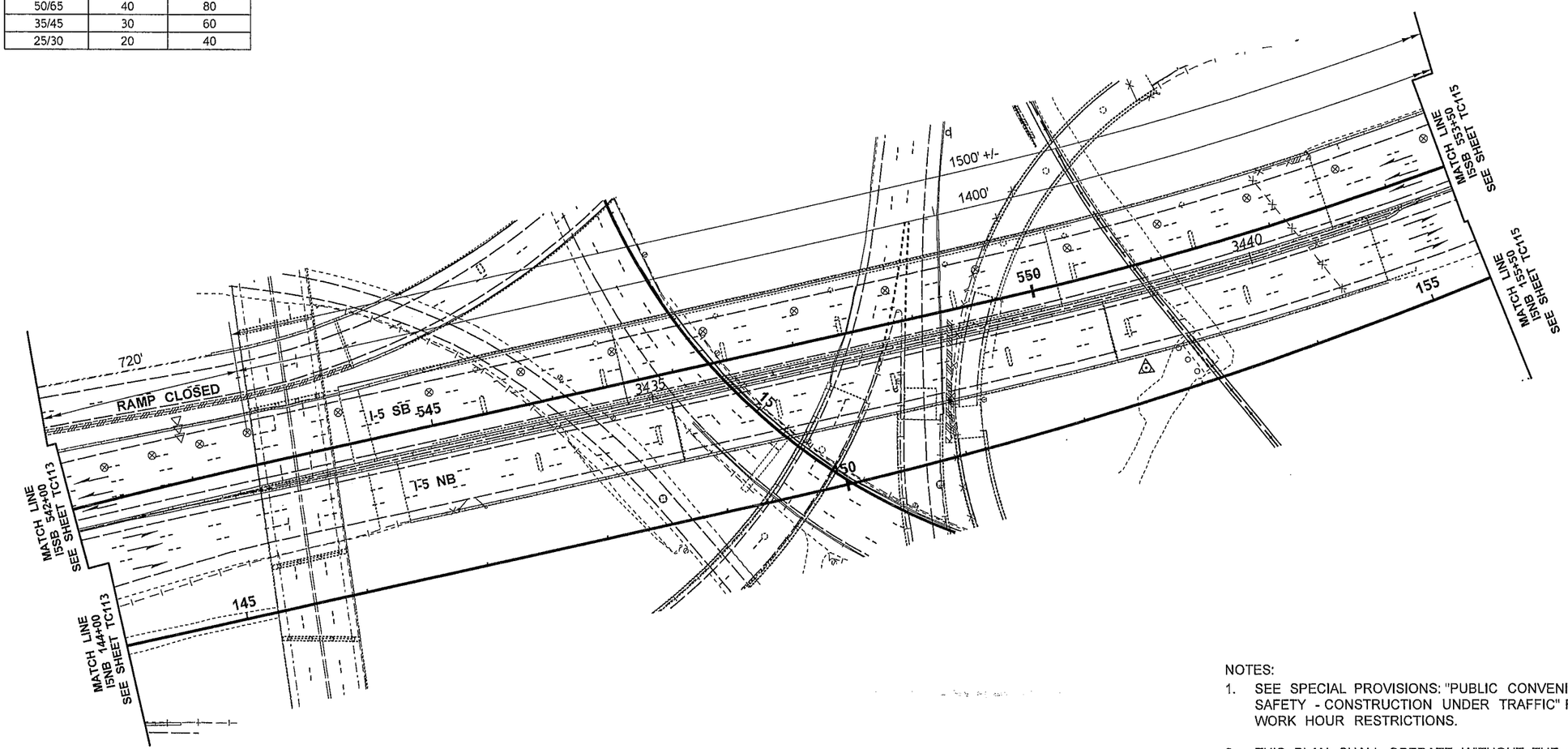
TRAFFIC CONTROL PLAN

PLAN REF NO TC113

SHEET 1677 OF 1763 SHEETS

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
I-5 SB ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU10, DU12, DU15, DU16, DU17, DU18 OR DU19.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_114.dgn
TIME	12:09:32 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

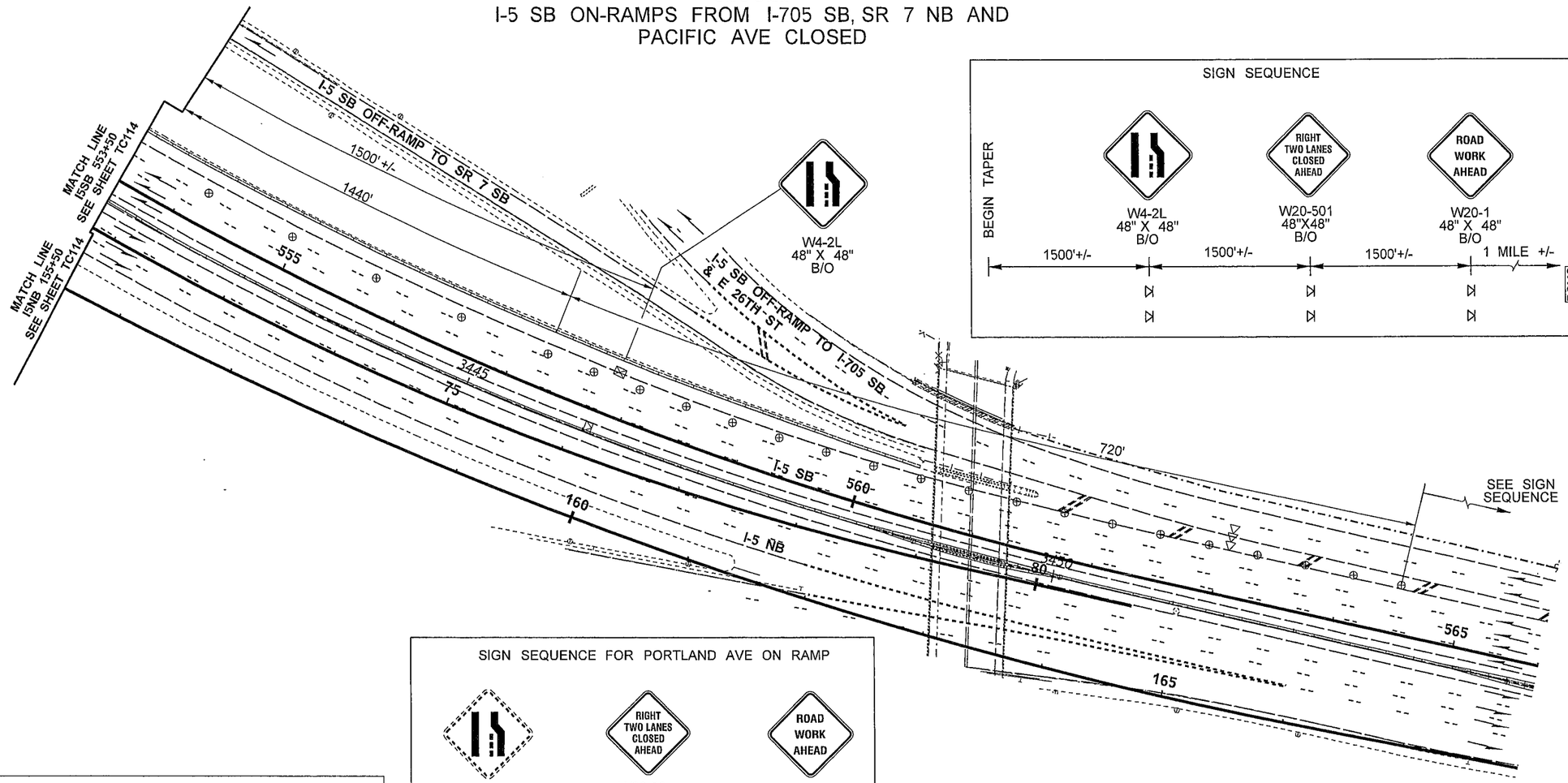
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

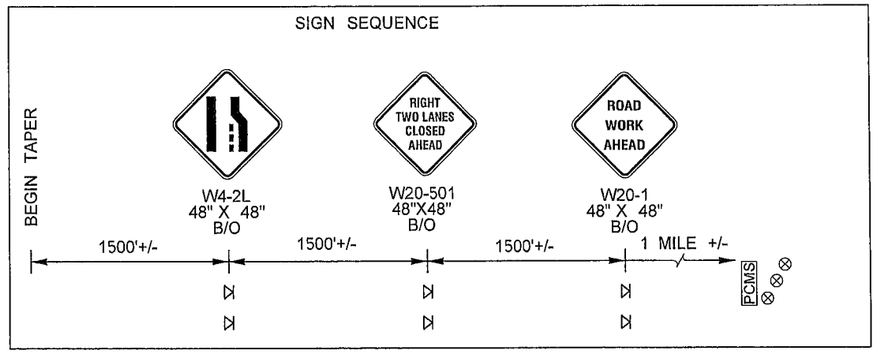
PLAN REF NO TC114

SHEET 1678 OF 1763 SHEETS

I-5 SB DOUBLE RIGHT LANE CLOSURE
OFF-RAMPS TO SR 16 WB AND S 38TH ST CLOSED
I-5 SB ON-RAMPS FROM I-705 SB, SR 7 NB AND PACIFIC AVE CLOSED



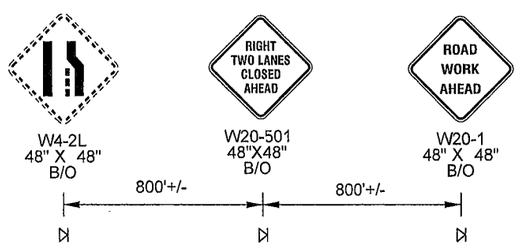
SIGN SEQUENCE



PCMS	
1	2
RIGHT 2 LANES CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

SIGN SEQUENCE FOR PORTLAND AVE ON RAMP



EXISTING SIGN FROM SIGN SEQUENCE THIS SHEET

LEGEND

⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC140, TC141, TC142 AND DU23 FOR I-5 SB ON-RAMPS FROM SR7 NB, I-705 SB AND PACIFIC AVE DETOUR.
4. SEE DU24 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU8, DU9, DU10, DU12, DU15, DU16, DU17, DU18 OR DU19.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_115.dgn					
TIME	12:09:40 PM					
DATE	2/18/2014					
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

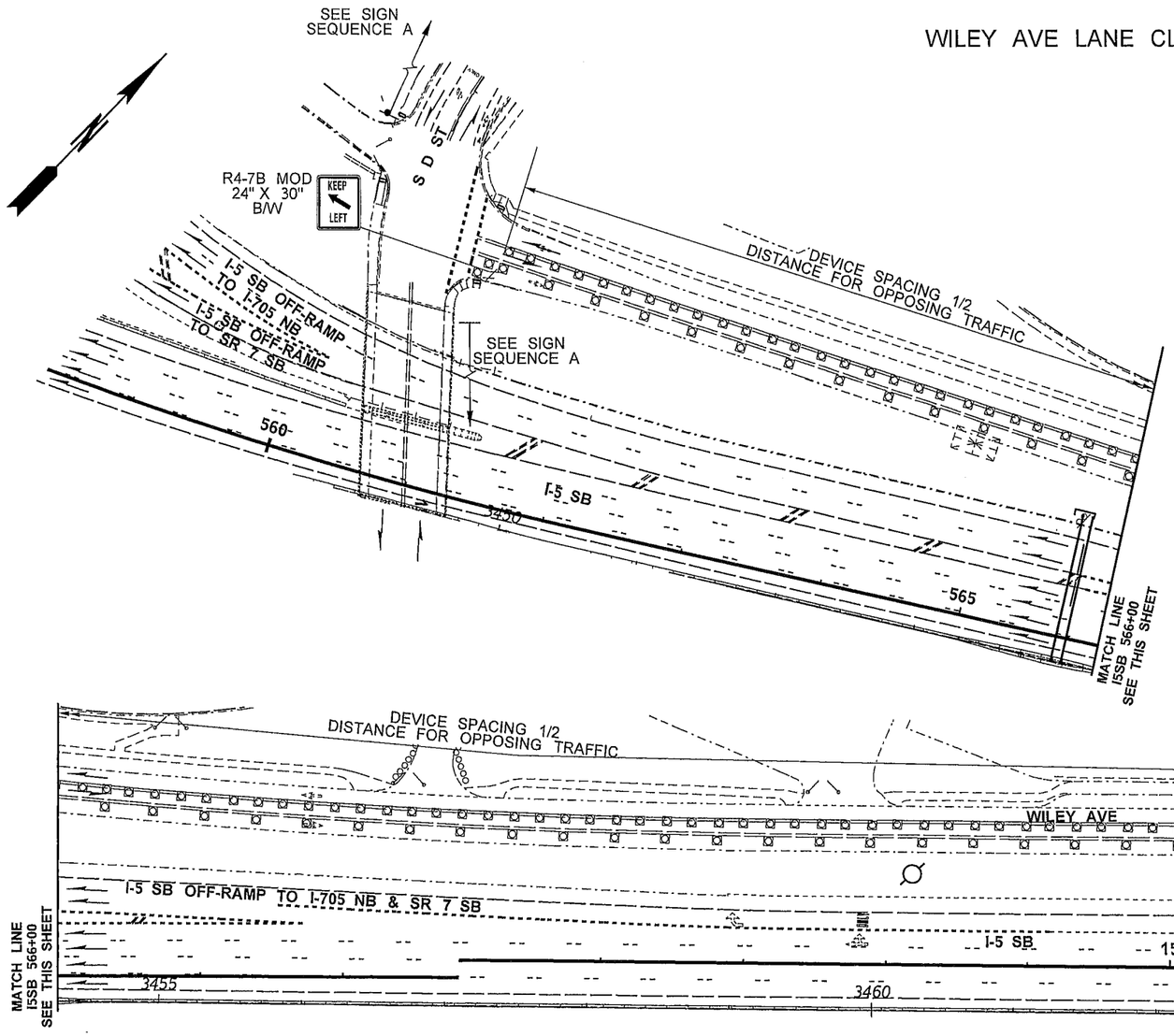
I-5
M ST TO PORTLAND AVE - HOV

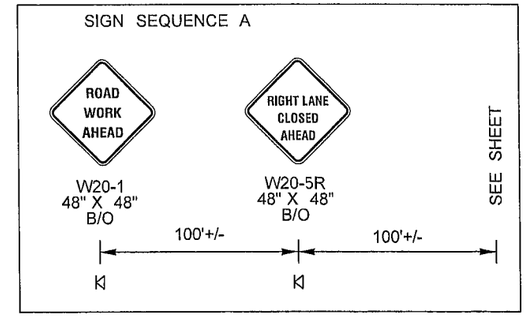
TRAFFIC CONTROL PLAN

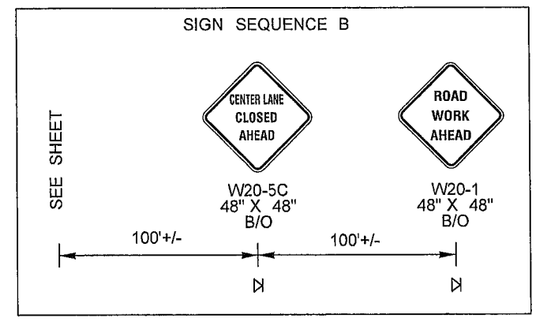
PLAN REF NO TC115

SHEET 1679 OF 1763 SHEETS

WILEY AVE LANE CLOSURE







CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

	SIGN LOCATION - TEMPORARY MOUNT
	CHANNELIZING DEVICE
	TYPE 2 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_116.dgn
TIME	12:09:50 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

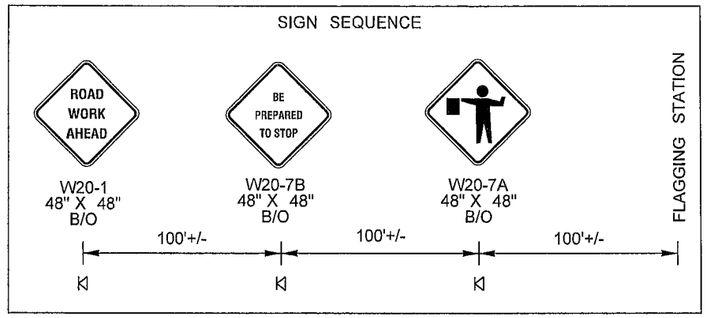
I-5
M ST TO PORTLAND AVE - HOV

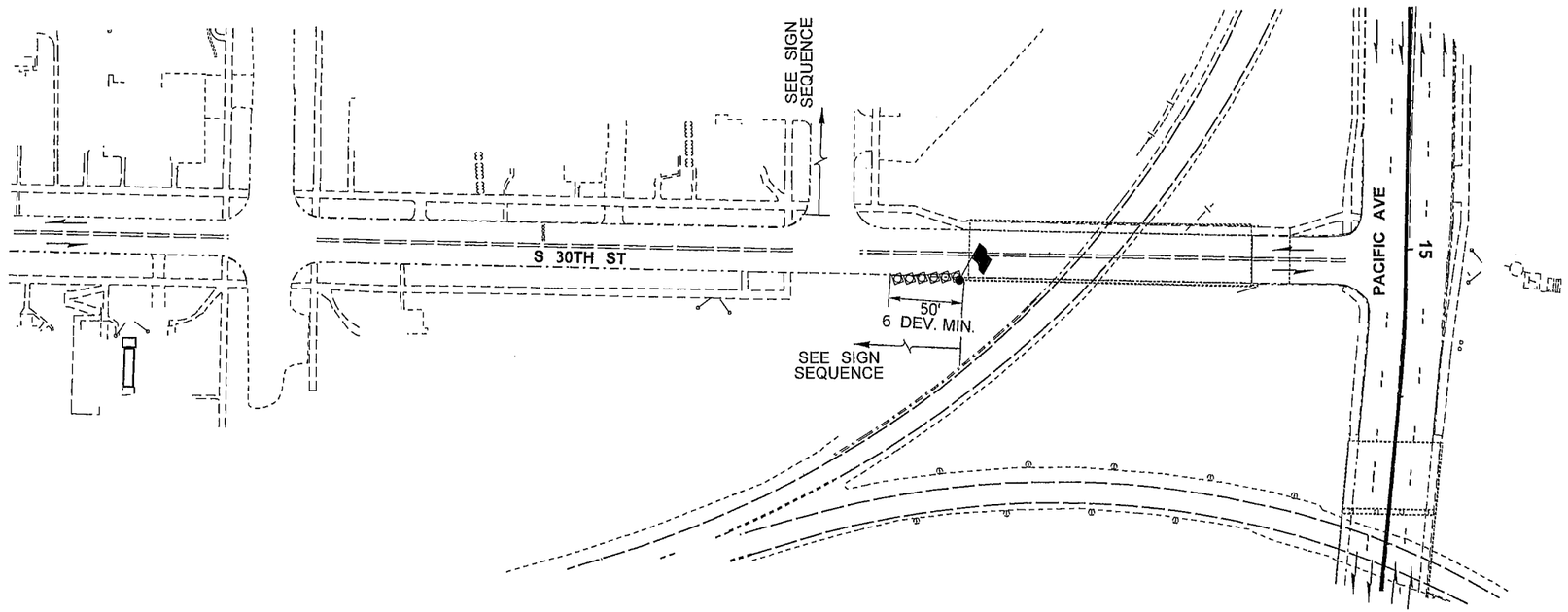
TRAFFIC CONTROL PLAN

PLAN REF NO TC116

SHEET 1680 OF 1763 SHEETS

S 30TH ST
SHORT TERM TRAFFIC STOP





LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊡	CHANNELIZING DEVICE
	FLAGGER STATION

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS, SEE STANDARD SPECIFICATION 1-10.3(1)A.

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TIME	12:09:59 PM				JOB NUMBER		
DATE	2/18/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

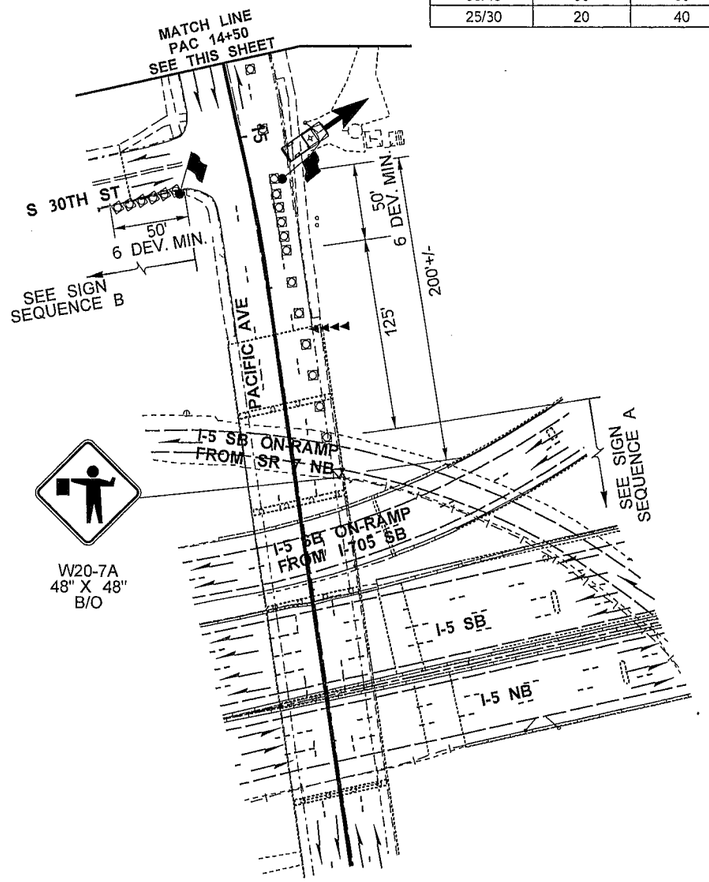
TRAFFIC CONTROL PLAN

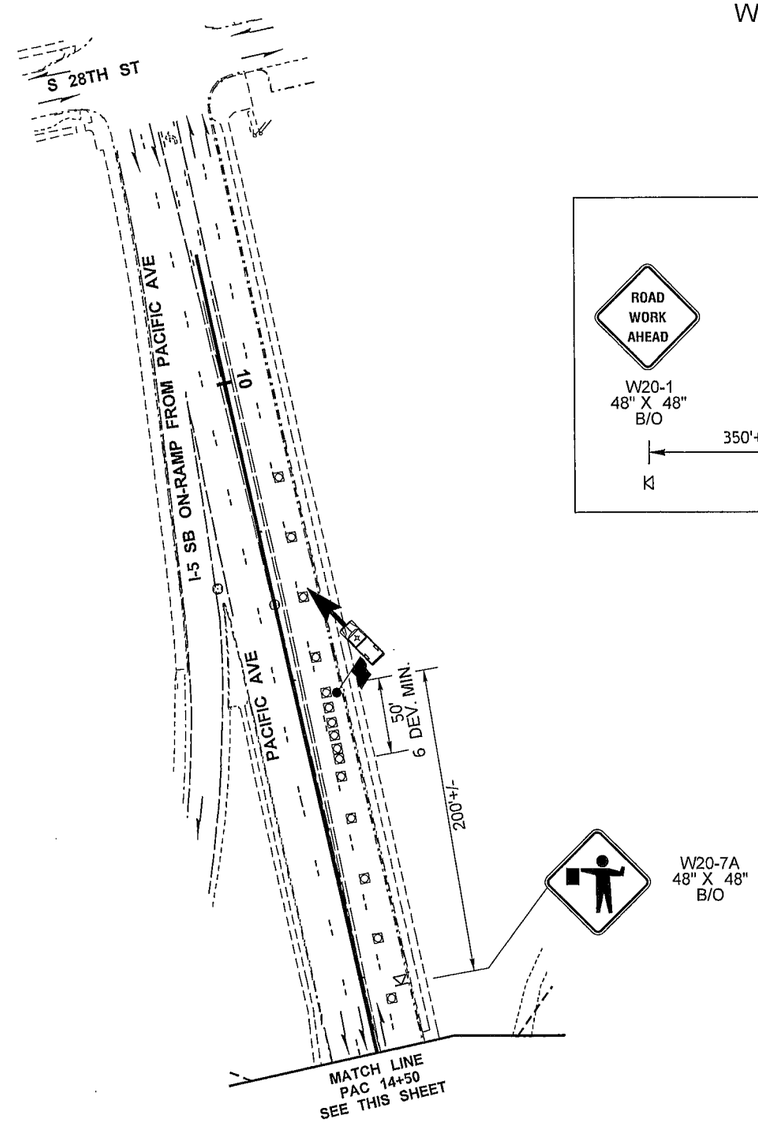
PLAN REF NO TC117

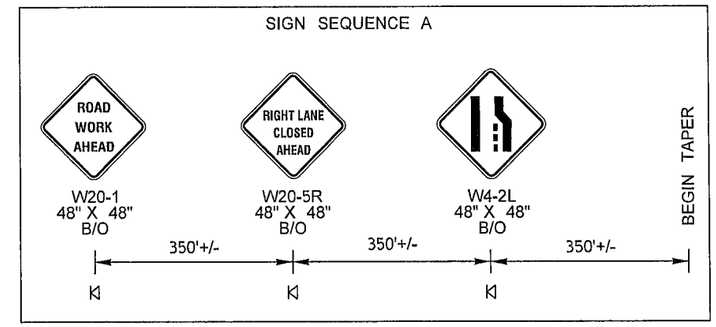
SHEET 1681 OF 1763 SHEETS

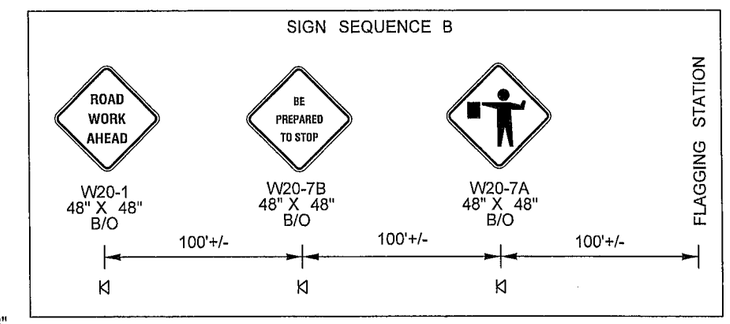
PACIFIC AVE RIGHT LANE CLOSURE
WORK AREA ACCESS

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40









LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	CHANNELIZING DEVICE
	SEQUENTIAL ARROW SIGN - TYPE B
	PERMITTED CONTRACTOR ACCESS
	FLAGGER STATION

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS, SEE STANDARD SPECIFICATION 1-10.3(1)A.
4. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
6. SEE TCD12 FOR TYPICAL PEDESTRIAN TRAFFIC CONTROL DETOUR.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_118.dgn
TIME	12:10:09 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

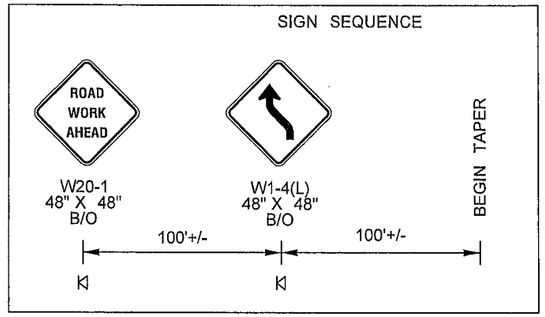
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

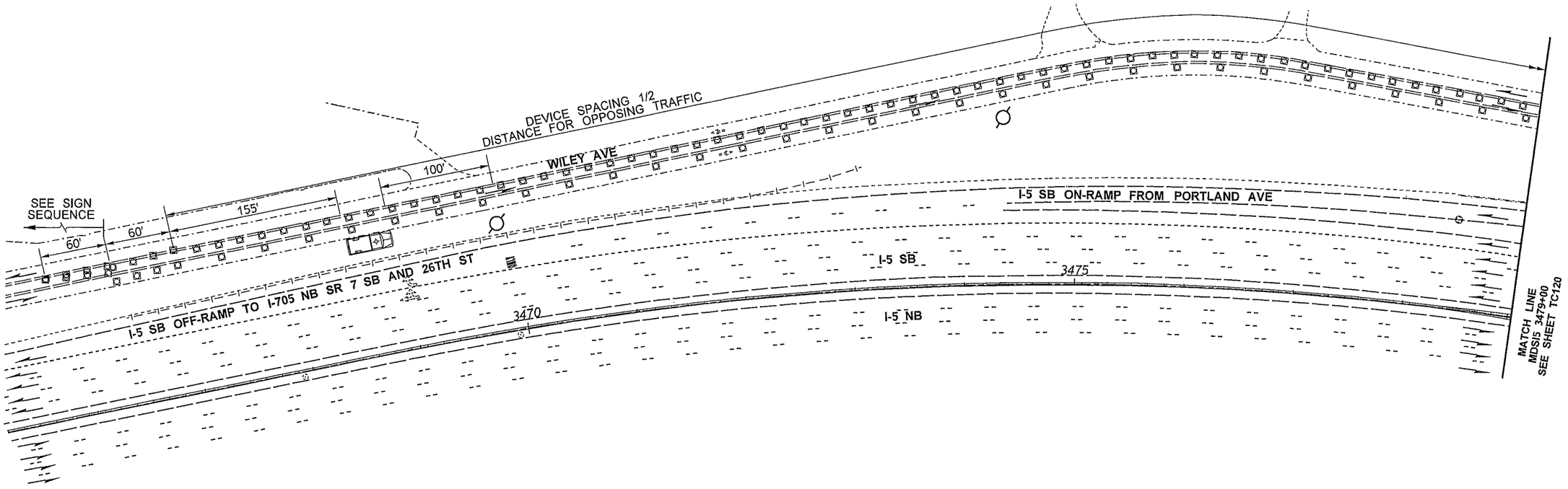
PLAN REF NO TC118

SHEET 1682 OF 1763 SHEETS

WILEY AVE LANE CLOSURE AND FLAGGING AT E L ST



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
4. SEE TCD12 FOR TYPICAL PEDESTRIAN TRAFFIC CONTROL DETOUR.

LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	CHANNELIZING DEVICE
	PROTECTIVE VEHICLE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_119.dgn						
TIME	12:10:18 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014						
PLOTTED BY	ShulerF				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

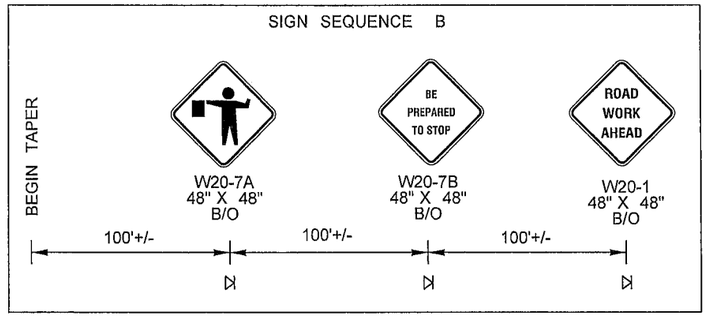
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

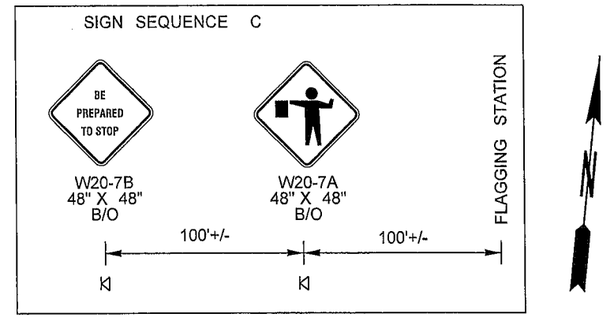
PLAN REF NO TC119

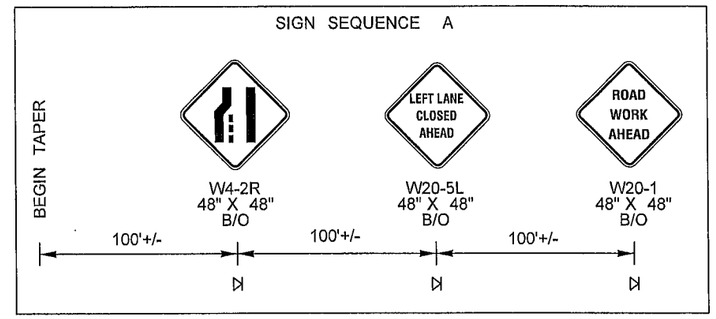
SHEET 1683 OF 1763 SHEETS

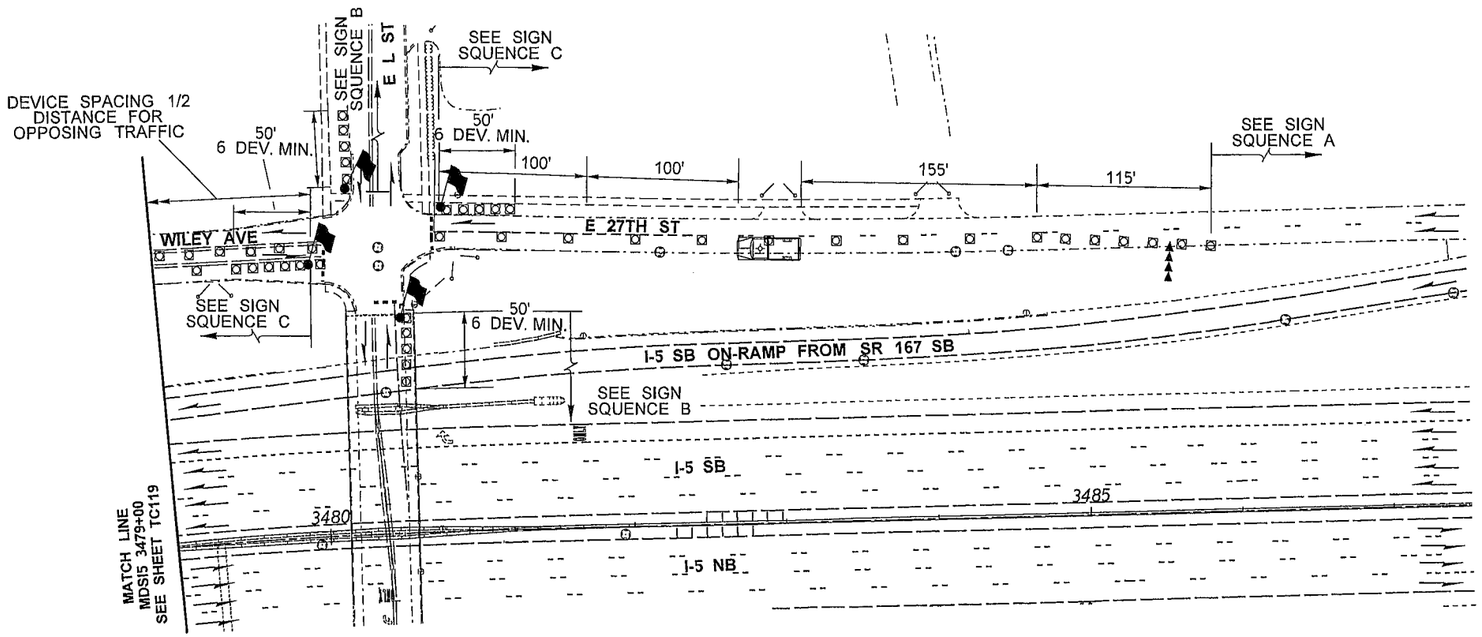
WILEY AVE LANE CLOSURE AND FLAGGER AT E L ST



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40







LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊡	CHANNELIZING DEVICE
◄◄◄◄	SEQUENTIAL ARROW SIGN - TYPE B
	PROTECTIVE VEHICLE
	FLAGGER STATION

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS, SEE STANDARD SPECIFICATION 1-10.3(1)A.
4. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
5. SEE TCD12 FOR TYPICAL PEDESTRIAN TRAFFIC CONTROL DETOUR.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_120.dgn
TIME	12:10:25 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

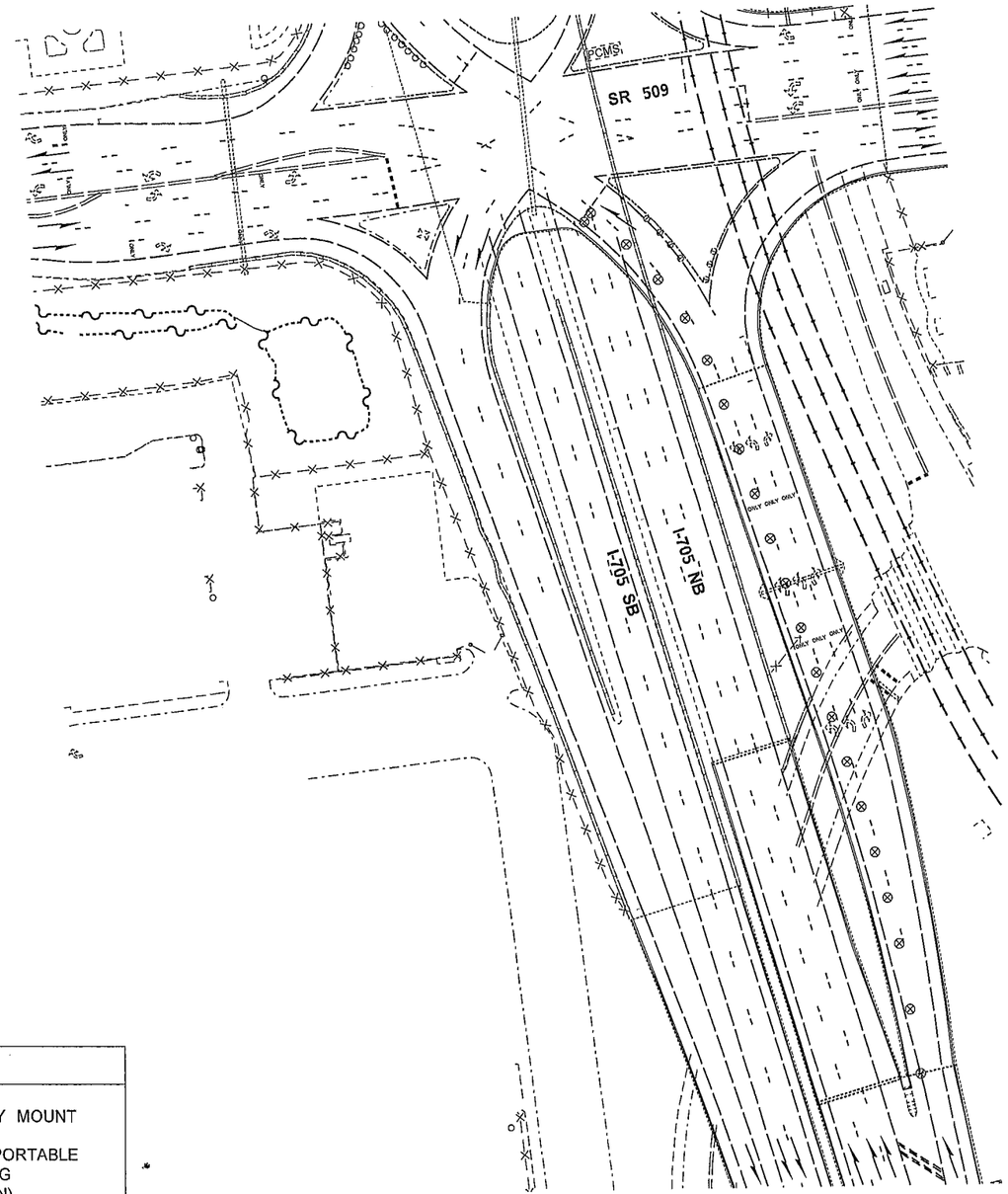
TRAFFIC CONTROL PLAN

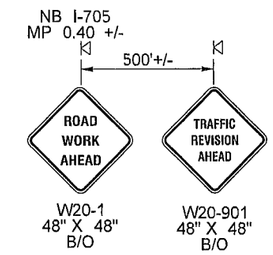
PLAN REF NO TC120

SHEET 1684 OF 1763 SHEETS

I-705 NB OFF RAMP
LEFT LEFT-TURN LANE CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





N

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	EXISTING SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
PCMS	EXISTING PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DETOUR PLAN(S) FOR EXISTING PCMS AND EXISTING SIGN MESSAGES.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_121.dgn
TIME	12:01:47 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC121

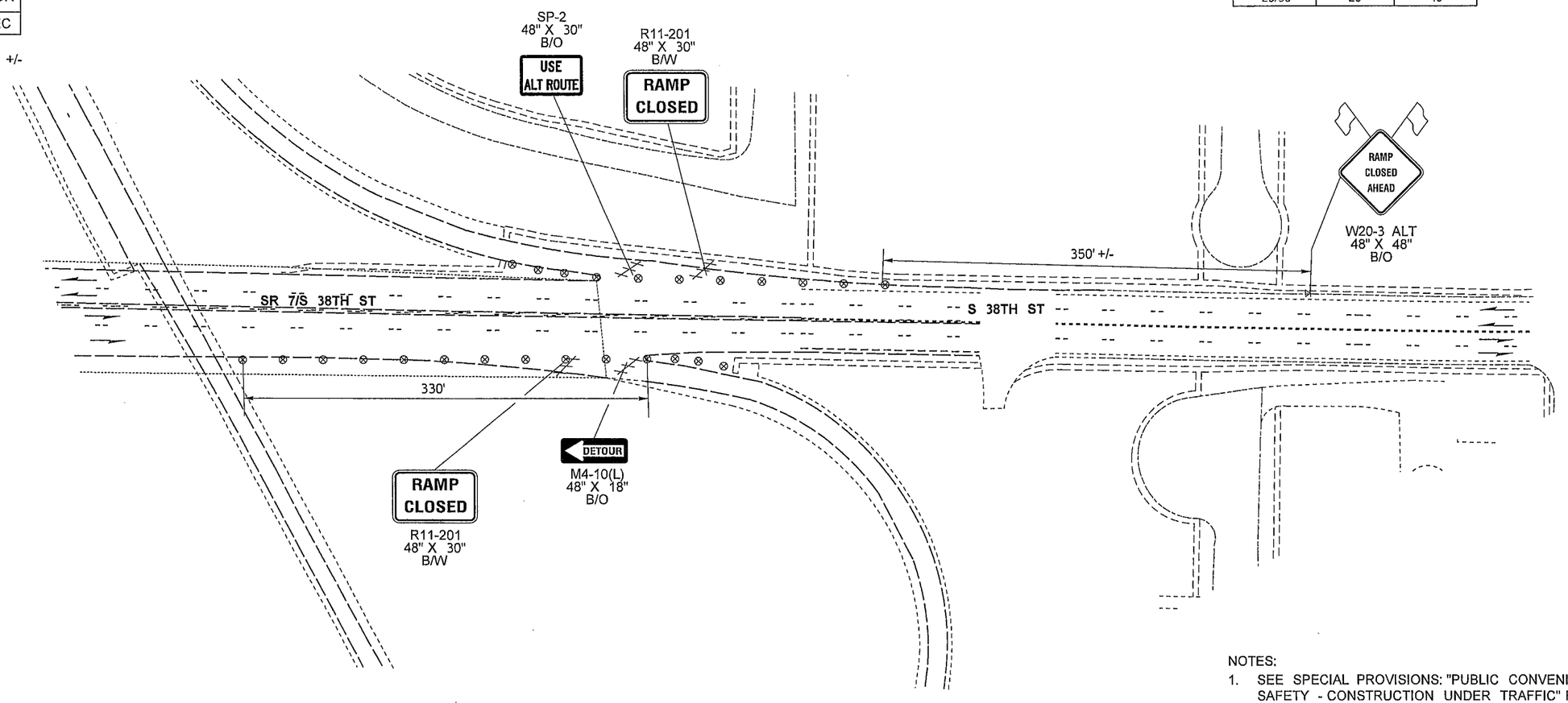
SHEET 1685 OF 1763 SHEETS

PCMS	
1	2
HWY 7 NB ON CLOSED	I-5 NB FOLLOW DETOUR
2.0 SEC	2.0 SEC

SR 7 NB MP 56.9 +/-

SR 7/S 38TH ST ON-RAMP TO SR 7 NB CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU26 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU23, DU25, DU27, DU30, DU32 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., SPACING IN ADVANCE OF PCMS.

LEGEND

- EXISTING SIGN LOCATION - POST MOUNT
- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- WARNING FLAG - FLUORESCENT RED / ORANGE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_122.dgn
TIME	12:01:52 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

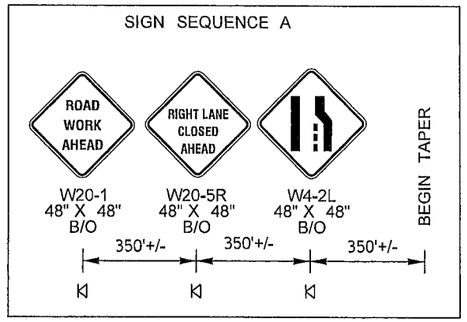
TRAFFIC CONTROL PLAN

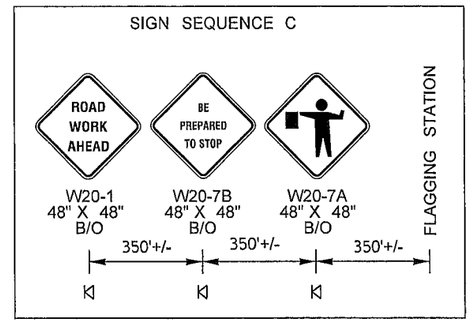
PLAN REF NO TC122

SHEET 1686 OF 1763 SHEETS

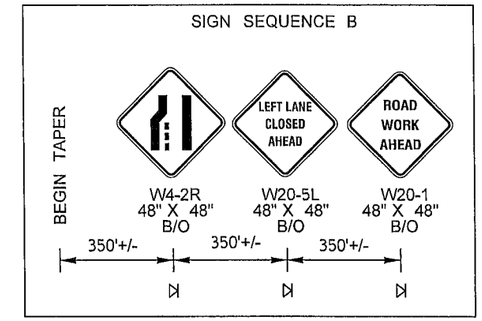
STAGE 1 AND 2

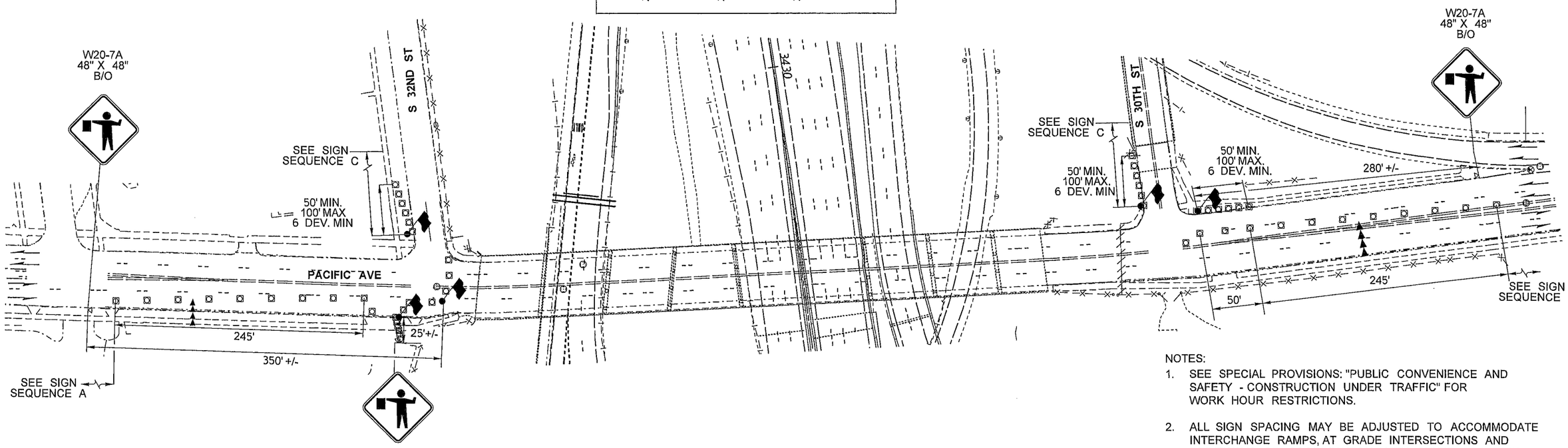
PACIFIC AVE
FLAGGER CONTROL
TO INSTALL/REMOVE CLOSURE





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	CHANNELIZING DEVICE
	SEQUENTIAL ARROW SIGN - TYPE B
	TYPE 3 BARRICADE
	FLAGGER STATION

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. SEE DU34 AND DU35 FOR DETOUR PLAN.
4. SEE DU38 FOR PEDESTRIAN DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU36, DU37 OR DU39.
6. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE STANDARD SPECIFICATION 1-10.3(1)A.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_123.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	12:01:58 PM				JOB NUMBER		
DATE	2/18/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ						XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

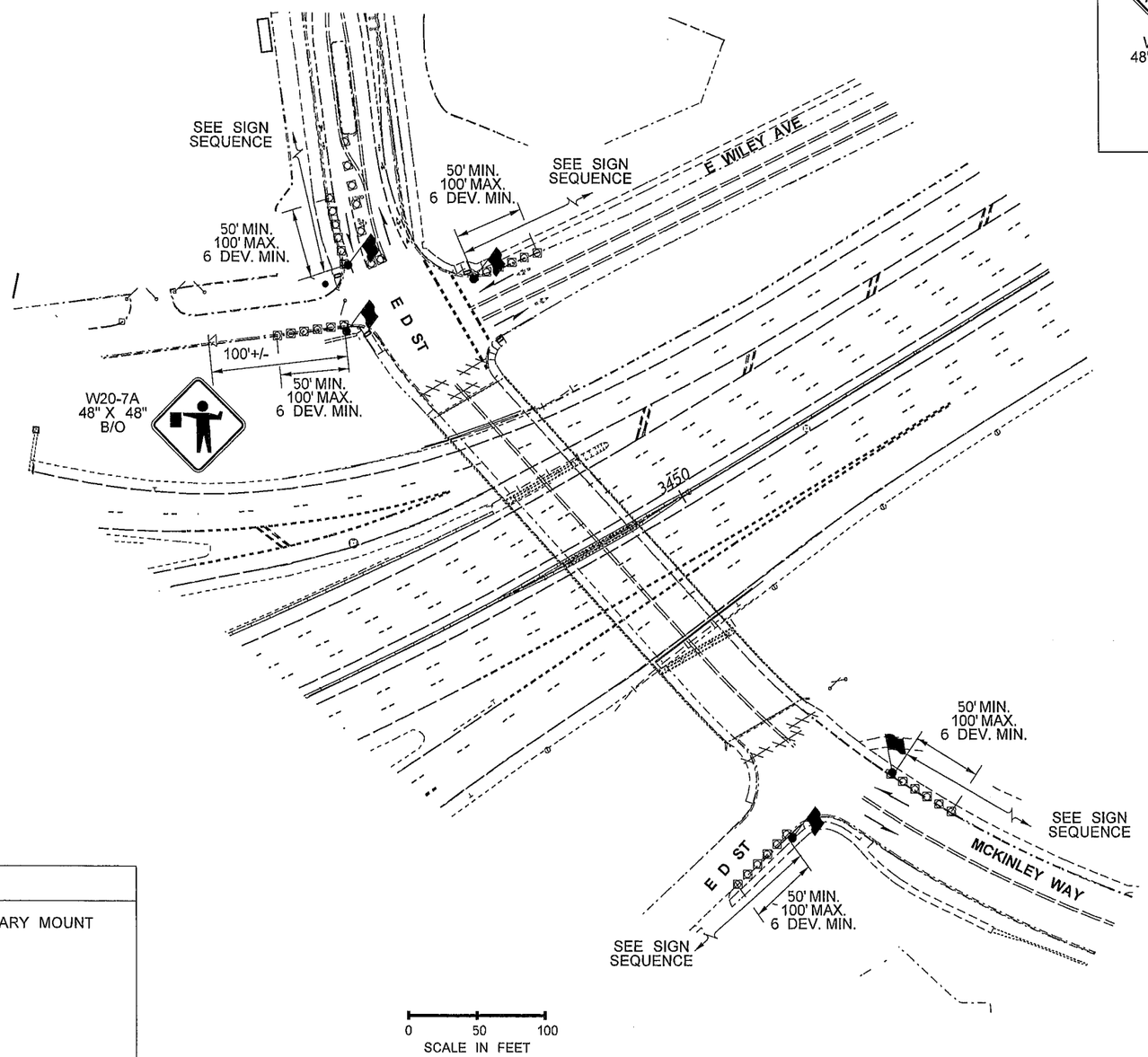
TRAFFIC CONTROL PLAN

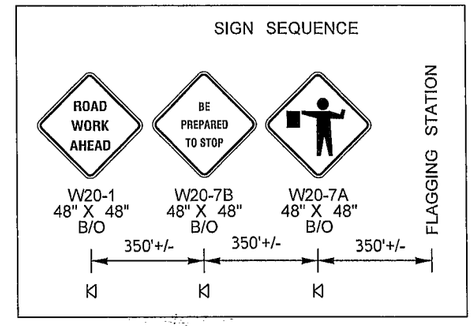
PLAN REF NO TC123

SHEET 1687 OF 1763 SHEETS

STAGE 2, 3 AND 4

McKINLEY WAY/E D ST
FLAGGER CONTROL
TO INSTALL/REMOVE CLOSURE





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. SEE DU36 AND DU37 FOR DETOUR PLAN.
4. SEE DU39 FOR PEDESTRIAN DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU34, DU35 OR DU38.
6. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE STANDARD SPECIFICATION 1-10.3(1)A.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	CHANNELIZING DEVICE
	TYPE 3 BARRICADE
	FLAGGER STATION

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_124.dgn
TIME	12:02:03 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

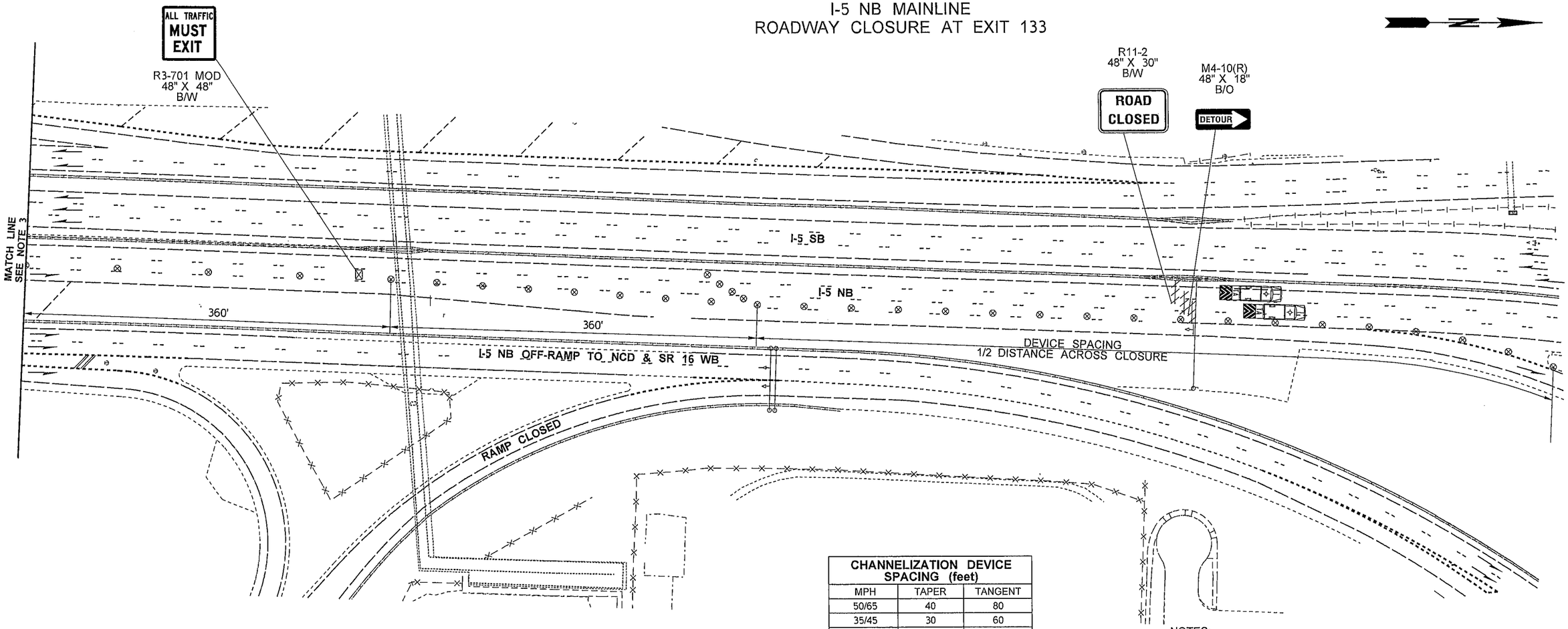
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC124

SHEET 1688 OF 1763 SHEETS

I-5 NB MAINLINE
ROADWAY CLOSURE AT EXIT 133



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
I-5 CLOSED @ EXIT 133	CAN USE EXIT 132
2.0 SEC	2.0 SEC

LOCATE AT NB I-5 MP 131.10 +/-

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TCD3 FOR TYPICAL DOUBLE LEFT LANE CLOSURE MATCH LINE AT END OF SECOND LANE CLOSURE.
4. SEE DU1 OR DU2 FOR DETOUR PLAN.
5. WHEN DU1 IS USED, DU2, DU3 OR DU7 SHALL NOT BE USED CONCURRENTLY.
   WHEN DU2 IS USED, DU1, DU3, DU6, DU7, DU19 OR DU30 SHALL NOT BE USED CONCURRENTLY.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND

- ⊠ SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- ⊗ TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_125.dgn
TIME	12:02:10 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC125

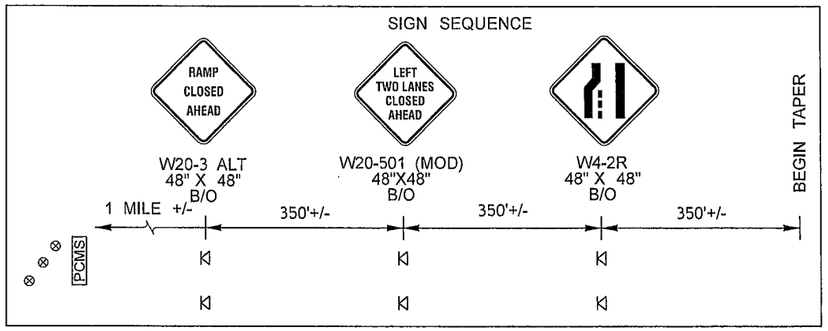
SHEET 1689 OF 1763 SHEETS

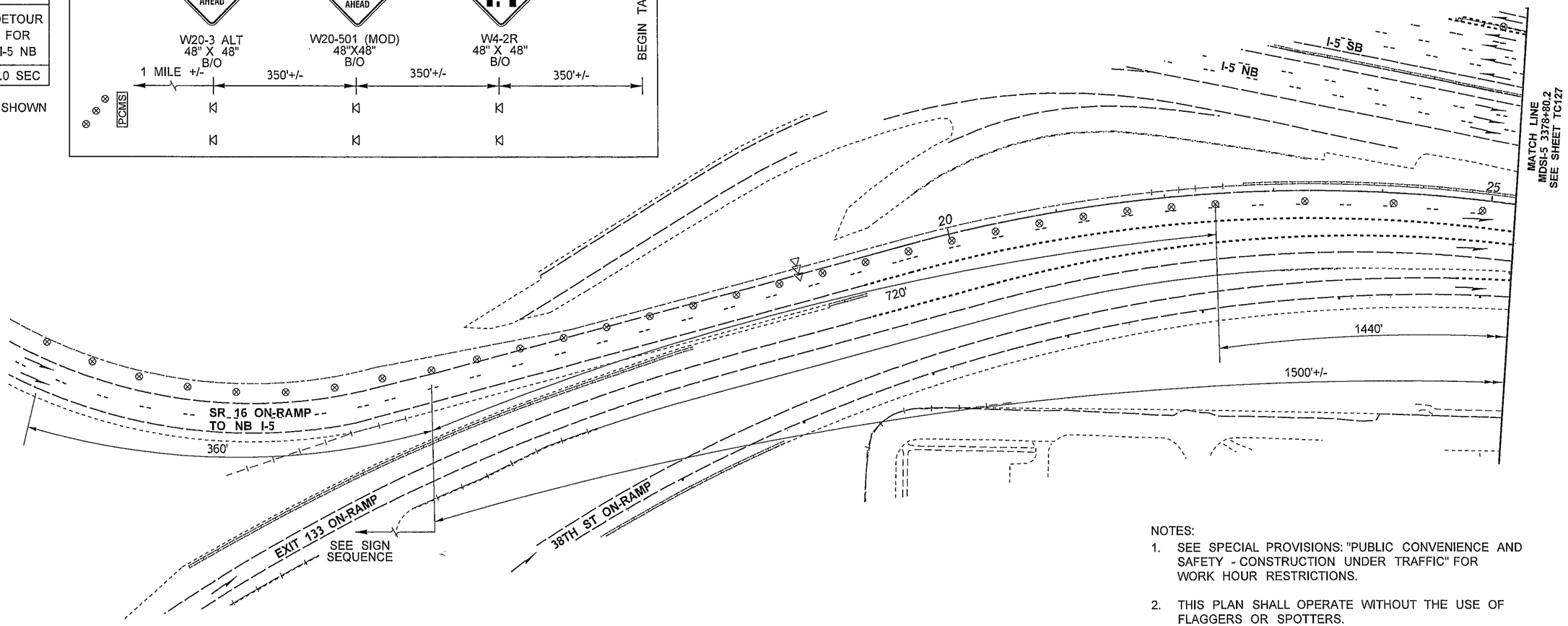
I-5 NB CD TO I-5 NB
MAINLINE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
LEFT 2 LANES CLOSED	DETOUR FOR I-5 NB
2.0 SEC	2.0 SEC

LOCATE AS SHOWN





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6, OR DU10.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

PCMS	
1	2
I-5 NB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE S 38TH ST
WB 200' +/- FROM ON RAMP
EB 1100' +/- FROM ON RAMP

LOCATE S SPRAUGE AVE
N OF S 25TH ST

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_126.dgn
TIME	12:02:17 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

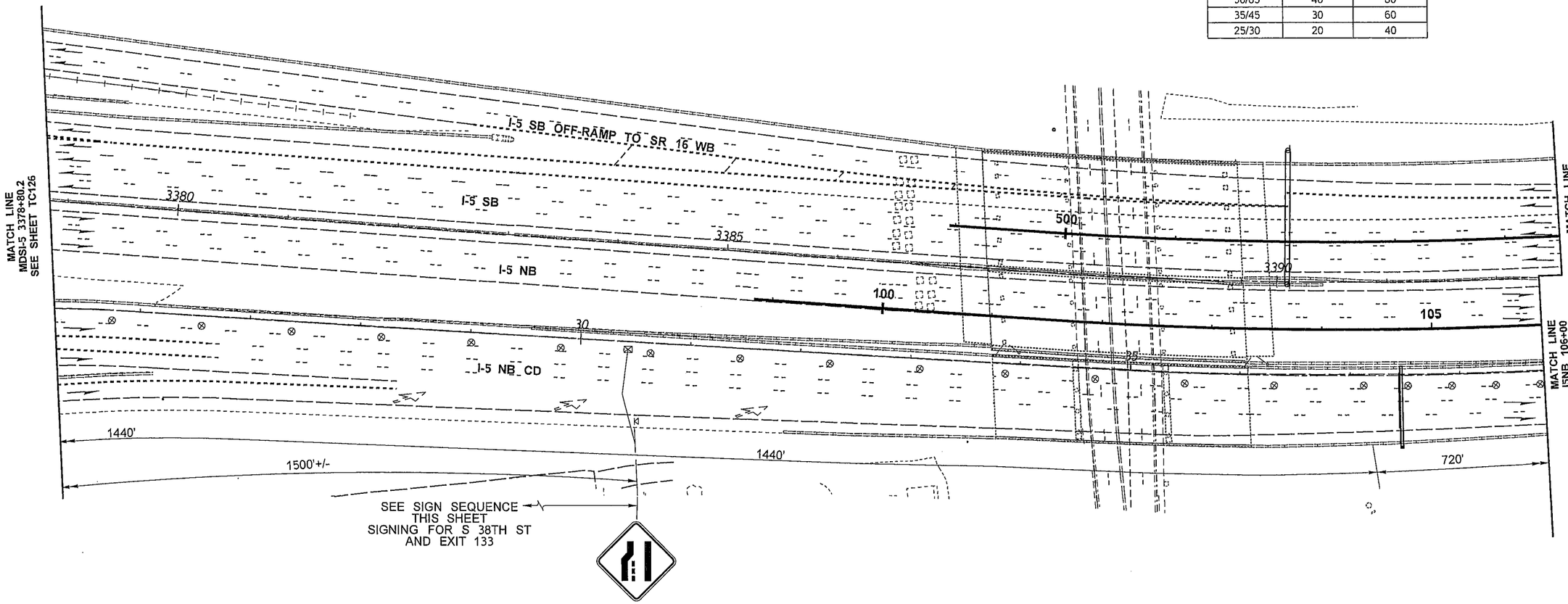
TRAFFIC CONTROL PLAN

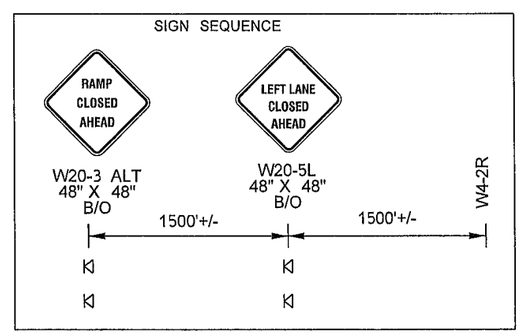
PLAN REF NO TC126

SHEET 1690 OF 1763 SHEETS

I-5 NB CD TO I-5 NB
MAINLINE CLOSED

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40





0 50 100
SCALE IN FEET

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6 OR DU10.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_127.dgn			
TIME	12:02:23 PM			
DATE	2/18/2014			
PLOTTED BY	ShulerF			
DESIGNED BY	D. WENTZ			
ENTERED BY	D. WENTZ			
CHECKED BY	R. CRUMBLEY			
PROJ. ENGR.	J. PEREZ			
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

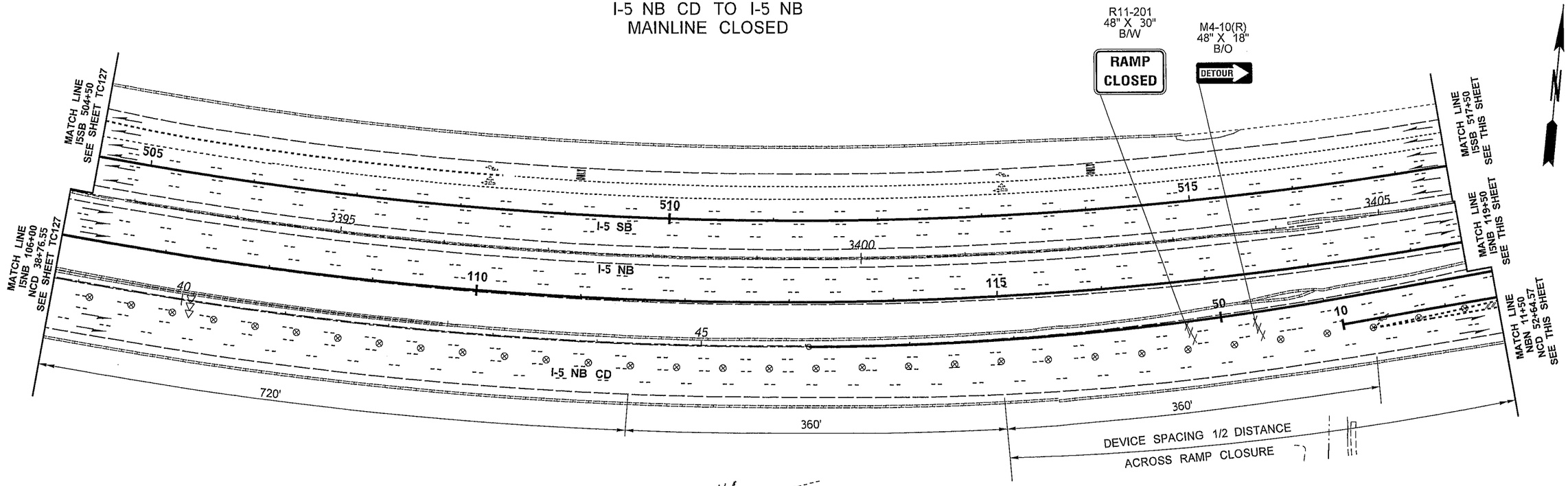
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

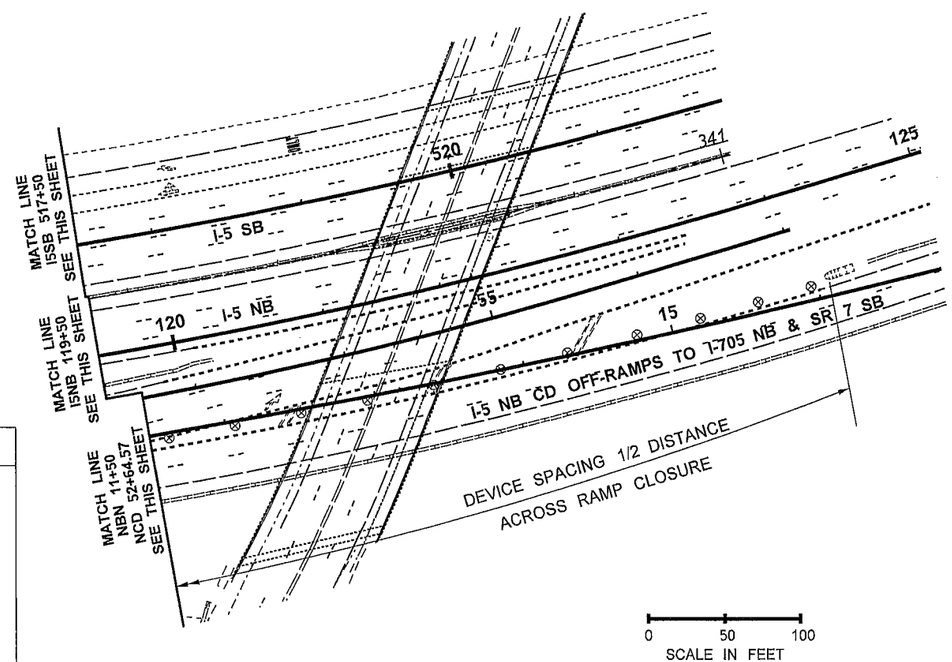
PLAN REF NO TC127

SHEET 1691 OF 1763 SHEETS

I-5 NB CD TO I-5 NB
MAINLINE CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
\\\	TYPE 3 BARRICADE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE DU2 FOR DETOUR PLAN, USE I-705 OR SR7 AS NECESSARY.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6 OR DU10.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_128.dgn
TIME	12:02:32 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

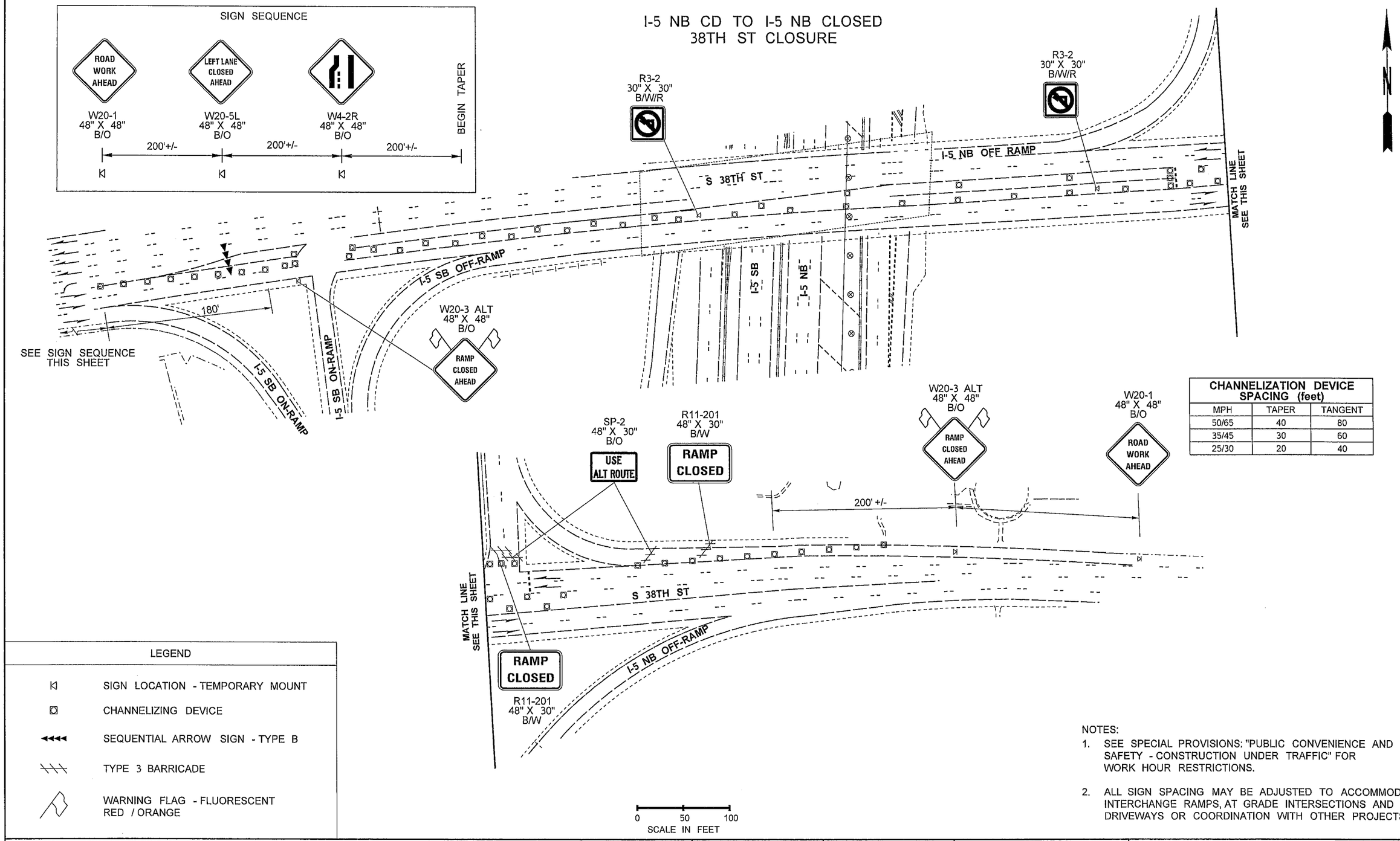
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC128

SHEET 1692 OF 1763 SHEETS

I-5 NB CD TO I-5 NB CLOSED
38TH ST CLOSURE



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- CHANNELIZING DEVICE
- SEQUENTIAL ARROW SIGN - TYPE B
- TYPE 3 BARRICADE
- WARNING FLAG - FLUORESCENT RED / ORANGE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_129.dgn
TIME	12:02:40 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE | P.E. STAMP BOX DATE

Washington State Department of Transportation

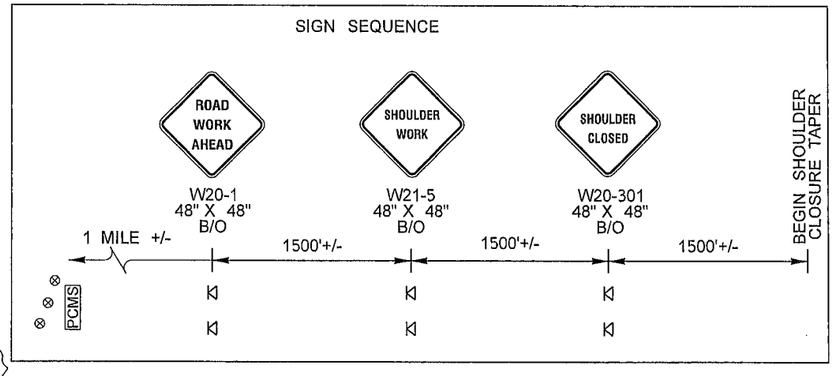
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC129

SHEET 1693 OF 1763 SHEETS

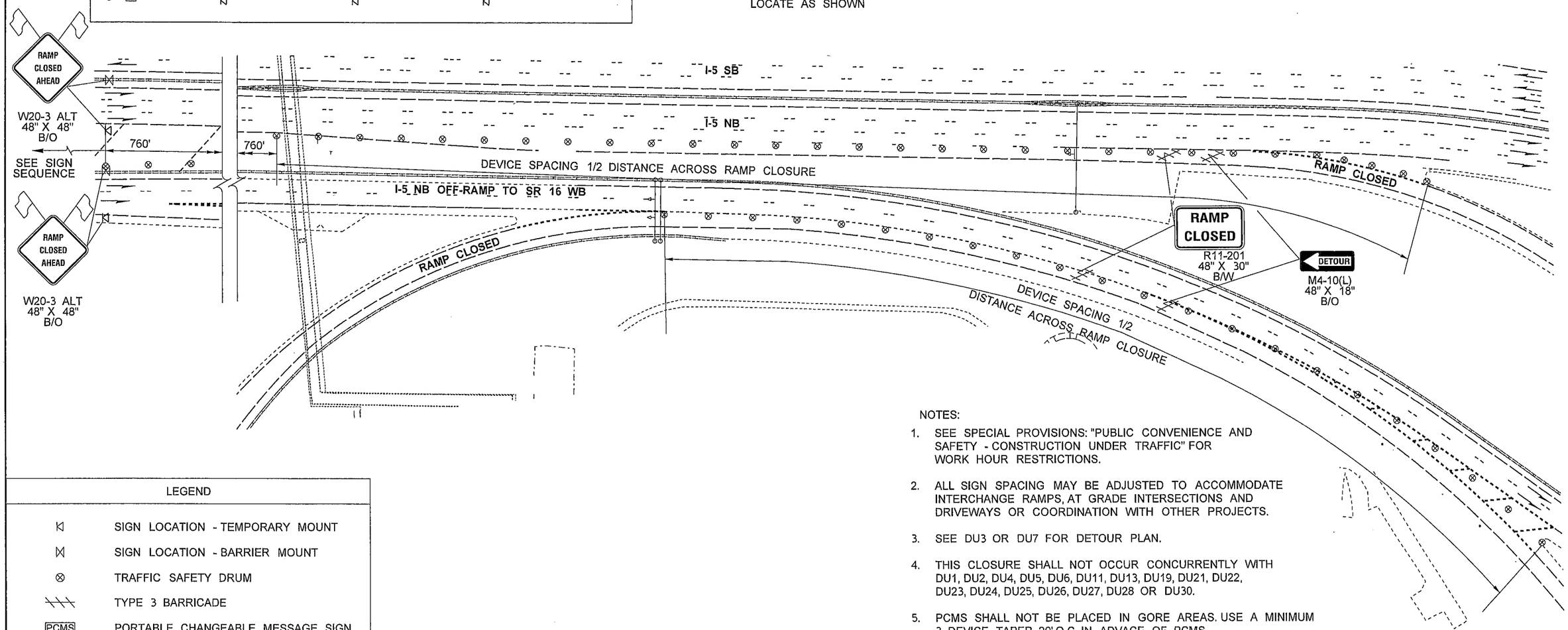
I-5 NB CD TO I-5 NB CLOSED
EXIT 133 CLOSED



PCMS	
1	2
ACCESS TO HWY 7 & I705	CLOSED FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. SEE DU3 OR DU7 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU4, DU5, DU6, DU11, DU13, DU19, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28 OR DU30.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C. IN ADVACE OF PCMS.
6. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	SIGN LOCATION - BARRIER MOUNT
	TRAFFIC SAFETY DRUM
	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	WARNING FLAG - FLUORESCENT RED / ORANGE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_130.dgn					
TIME	12:02:48 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014				JOB NUMBER	
PLOTTED BY	ShulerF					
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

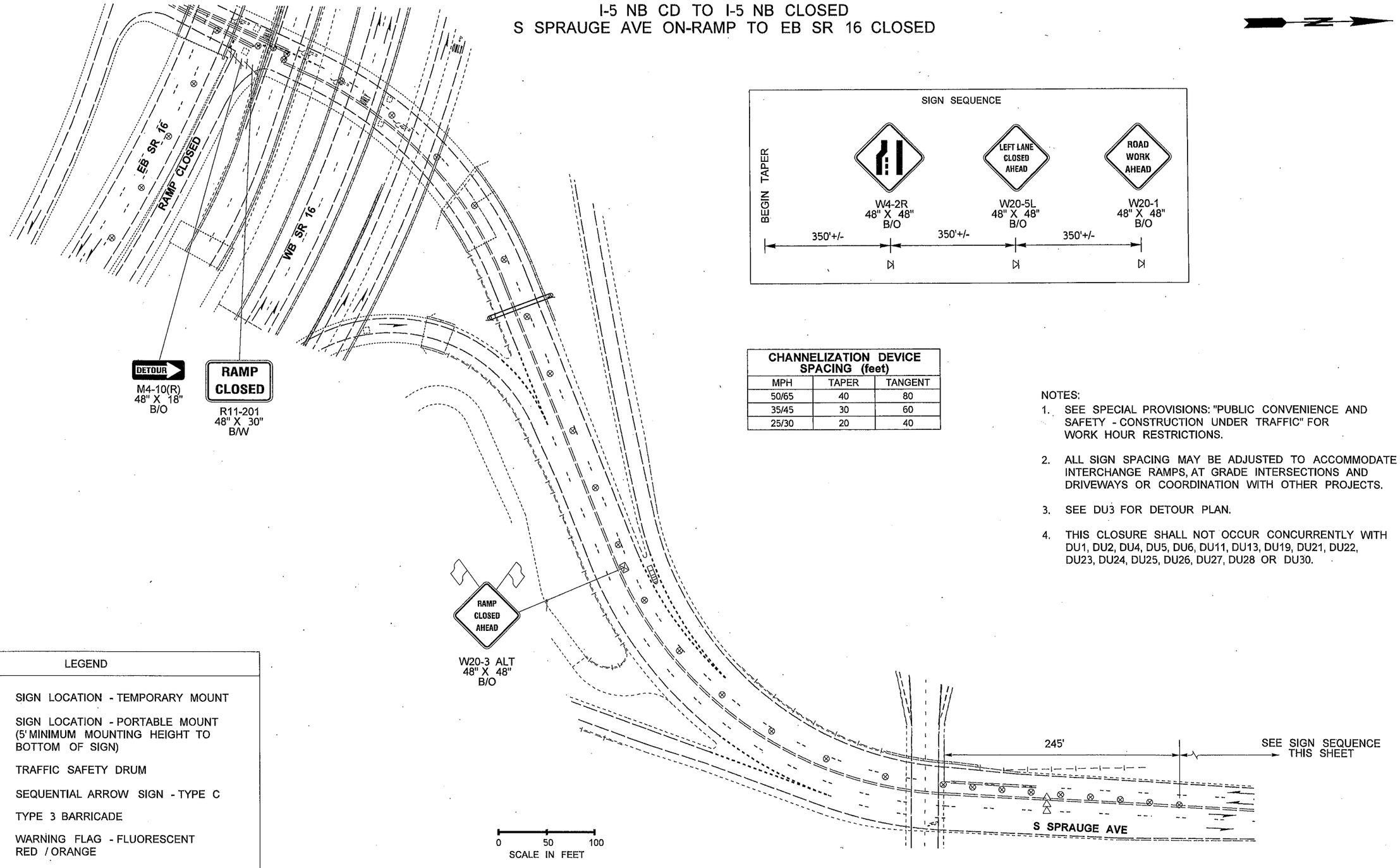
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC130

SHEET 1694 OF 1763 SHEETS

I-5 NB CD TO I-5 NB CLOSED
S SPRAUGE AVE ON-RAMP TO EB SR 16 CLOSED



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. SEE DU3 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU4, DU5, DU6, DU11, DU13, DU19, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28 OR DU30.

LEGEND	
⊠	SIGN LOCATION - TEMPORARY MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
	TYPE 3 BARRICADE
	WARNING FLAG - FLUORESCENT RED / ORANGE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_131.dgn
TIME	1:12:18 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

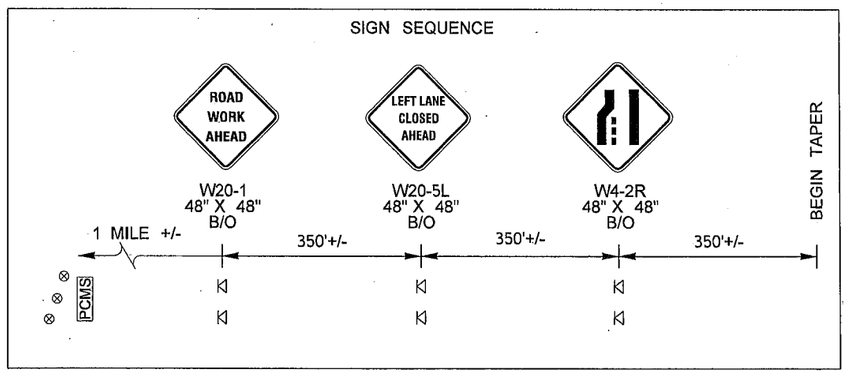
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC131

SHEET 1695 OF 1763 SHEETS

I-5 NB CD TO I-5 NB CLOSED
EB SR 16 CLOSED TO NB I-5

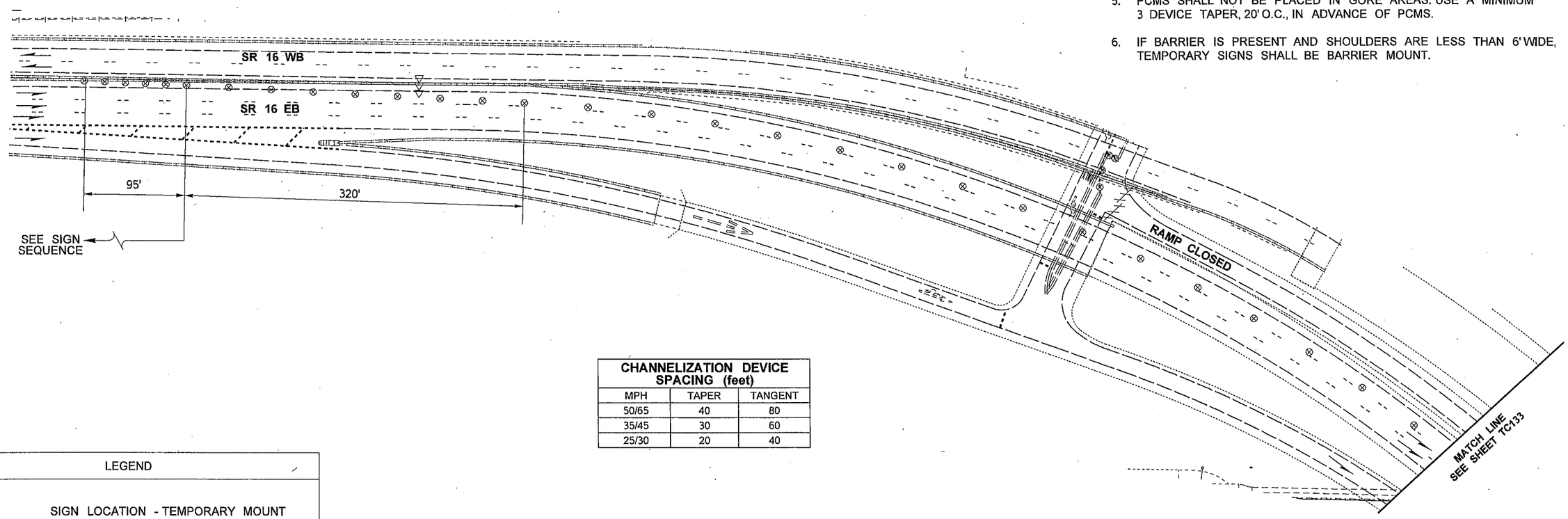


PCMS	
1	2
LEFT LANE CLOSED	1 MILE AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. SEE DU3 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU4, DU5, DU6, DU11, DU13, DU19, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28 OR DU30.
5. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
6. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
◁	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
\\\	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_132.dgn
TIME	1:12:25 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

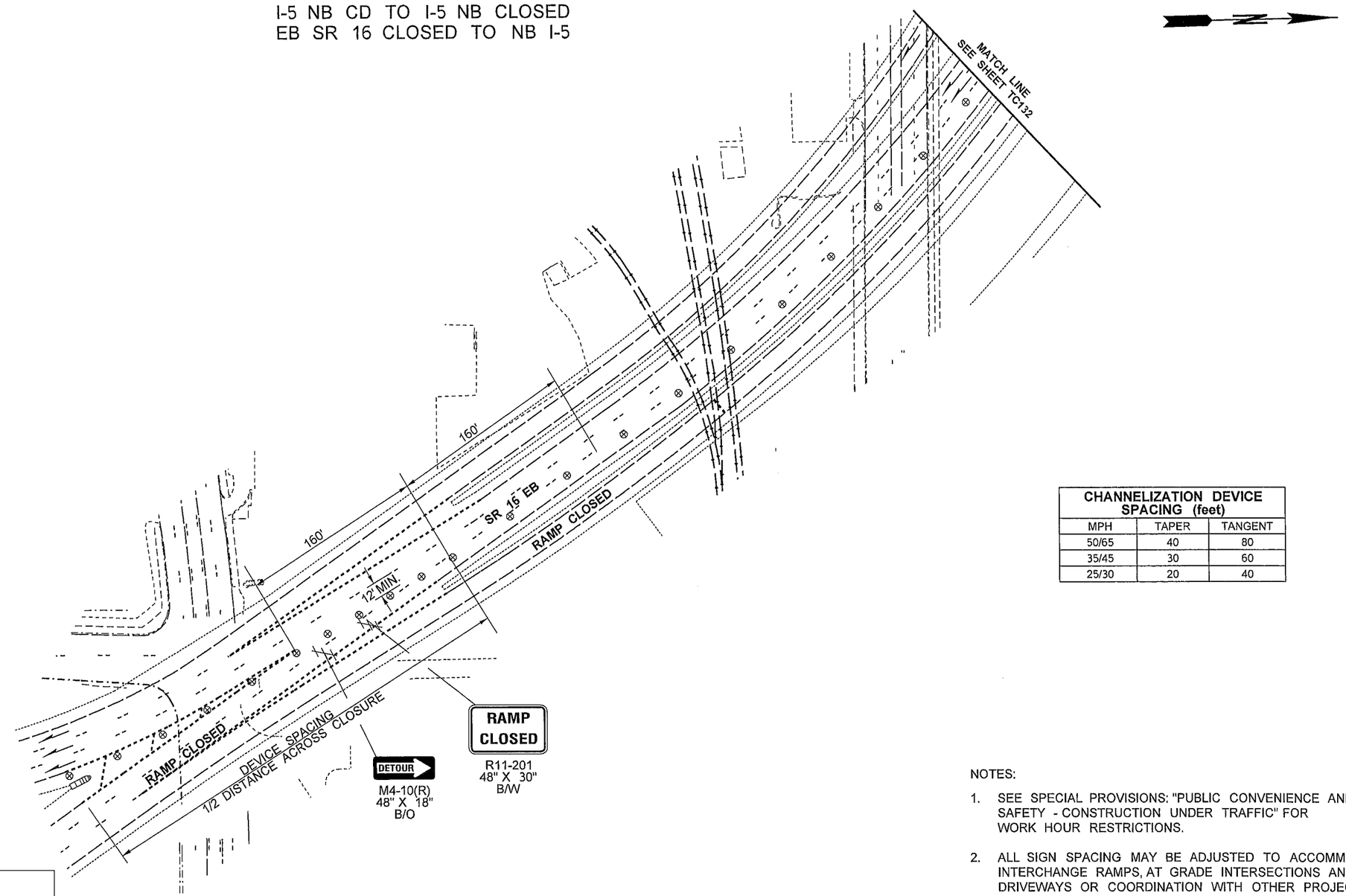
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC132

SHEET 1696 OF 1763 SHEETS

I-5 NB CD TO I-5 NB CLOSED
EB SR 16 CLOSED TO NB I-5



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⊗	TRAFFIC SAFETY DRUM
⋋⋋⋋	TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
3. SEE DU3 FOR DETOUR PLAN.
4. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU4, DU5, DU6, DU11, DU13, DU19, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28 OR DU30.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_133.dgn				
TIME	12:03:09 PM				
DATE	2/18/2014				
PLOTTED BY	ShulerF				
DESIGNED BY	D. WENTZ				
ENTERED BY	D. WENTZ				
CHECKED BY	R. CRUMBLEY				
PROJ. ENGR.	J. PEREZ				
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

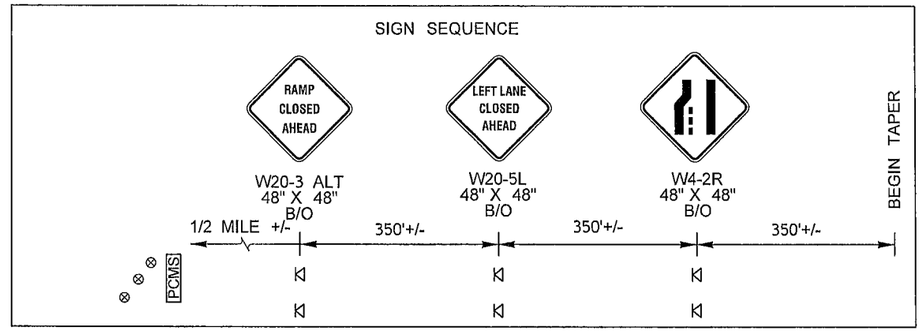
PLAN REF NO TC133

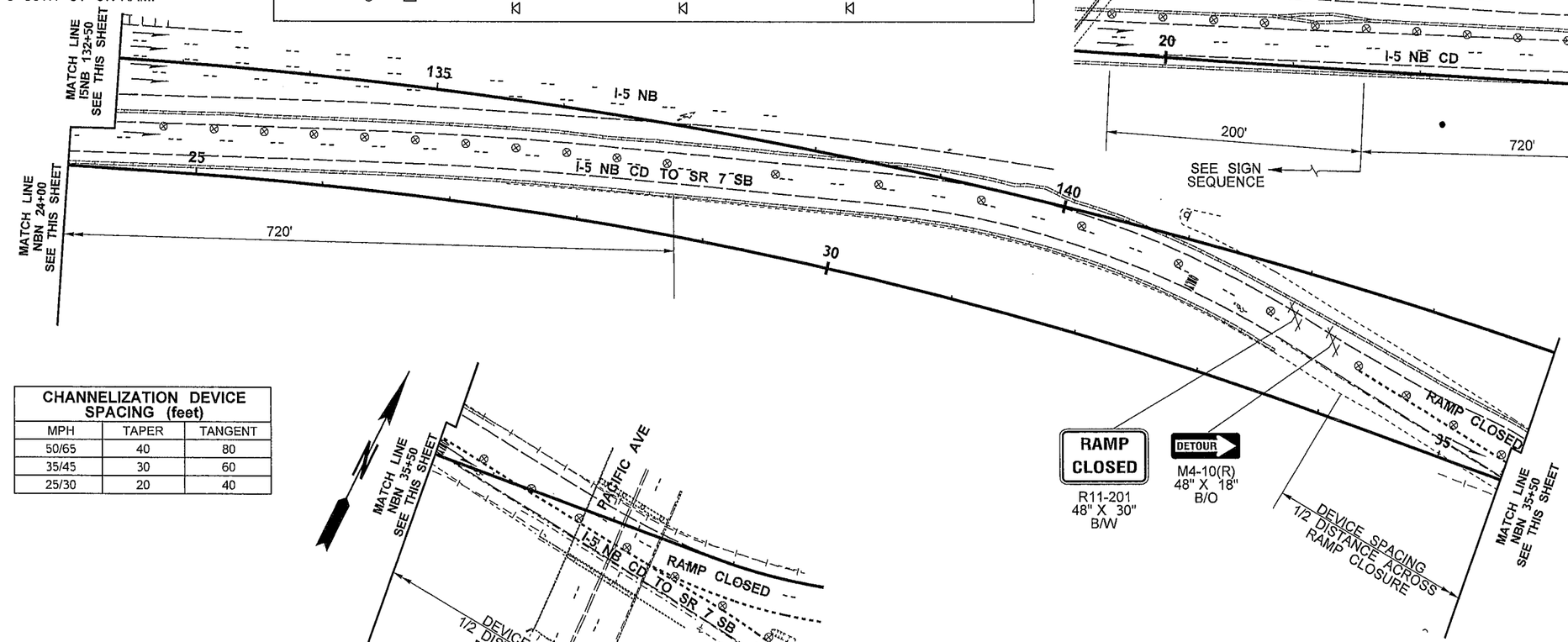
SHEET 1697 OF 1763 SHEETS

I-5 NB CD OFF-RAMP TO I-705 NB CLOSURE

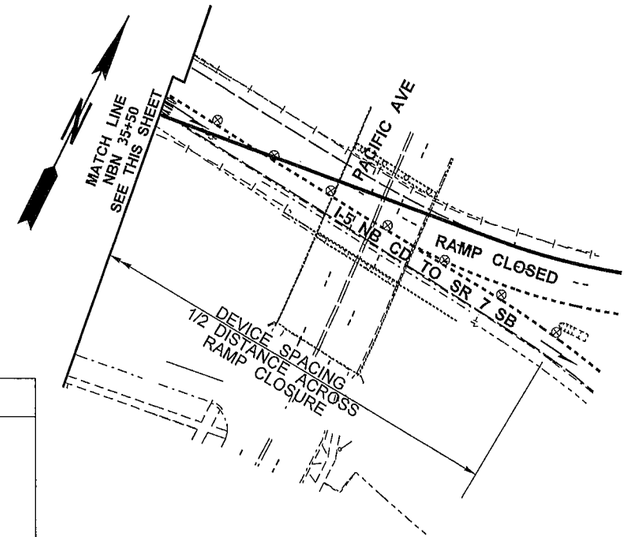
PCMS	
1	2
ACCESS TO 705 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN
I-5 NB
SR 16 EB
S 38TH ST ON-RAMP





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



LEGEND	
⋈	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
\\\	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU4 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU5, DU6, DU9, DU10, DU18, DU19 OR DU32.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_134.dgn				
TIME	12:03:18 PM				
DATE	2/18/2014				
PLOTTED BY	ShulerF				
DESIGNED BY	D. WENTZ				
ENTERED BY	D. WENTZ				
CHECKED BY	R. CRUMBLEY				
PROJ. ENGR.	J. PEREZ				
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

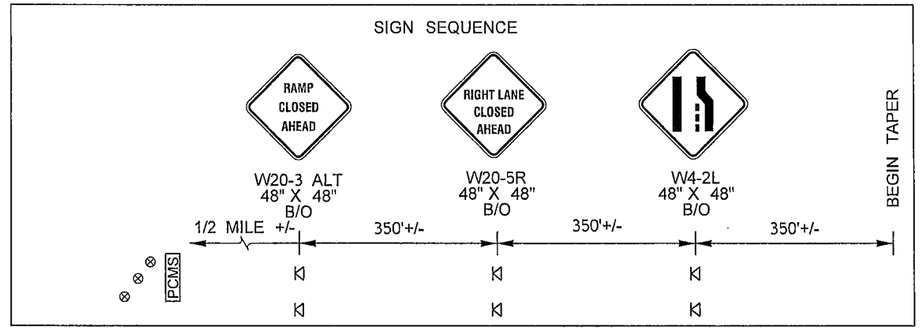
PLAN REF NO TC134

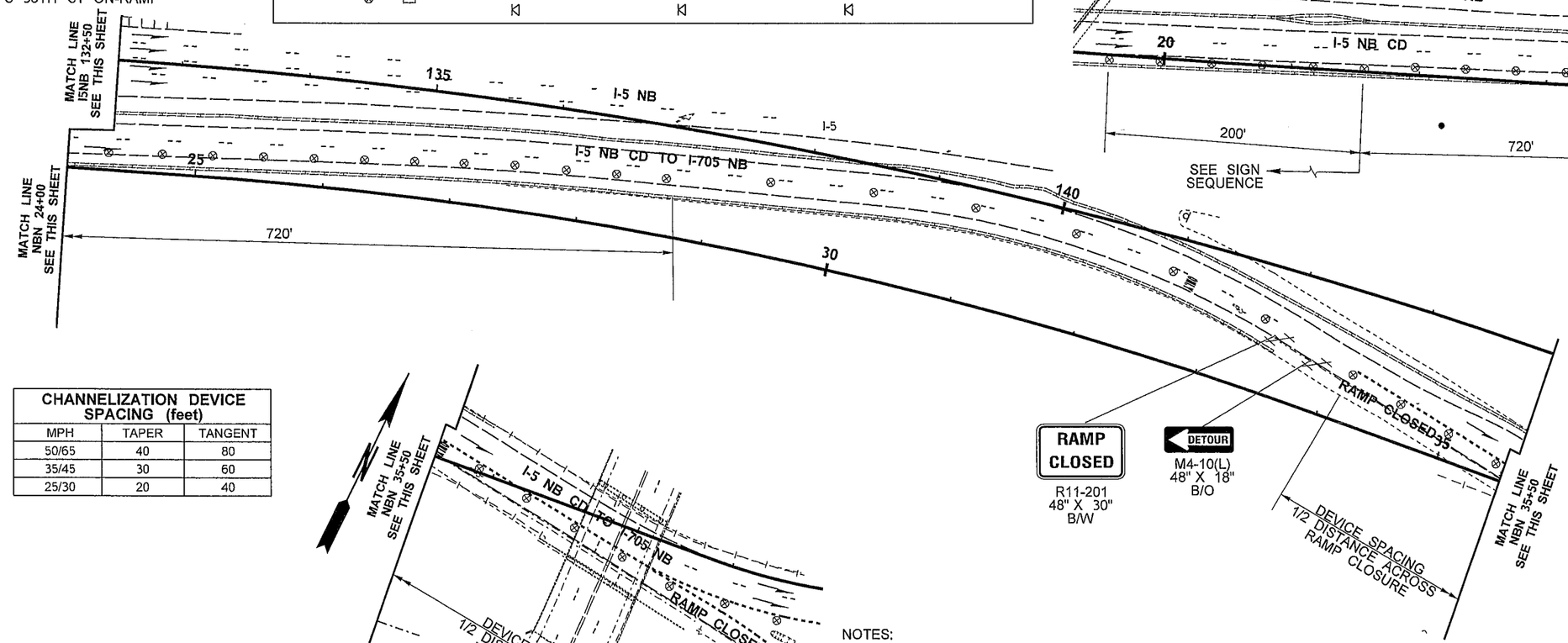
SHEET 1698 OF 1763 SHEETS

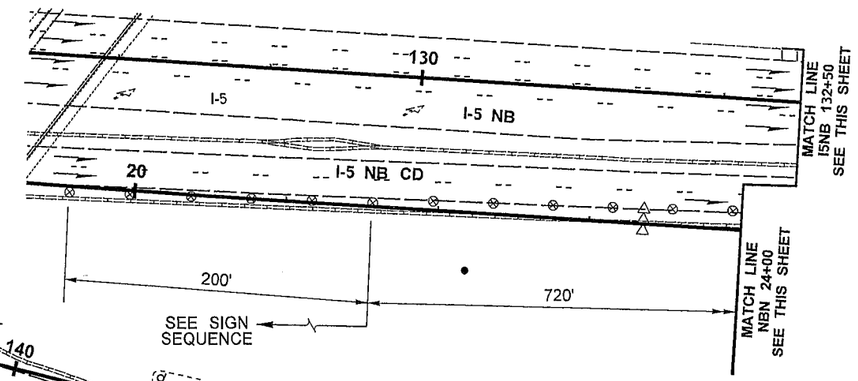
I-5 NB CD OFF-RAMP TO SR 7 SB CLOSURE

PCMS	
1	2
ACCESS TO HWY 7 CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

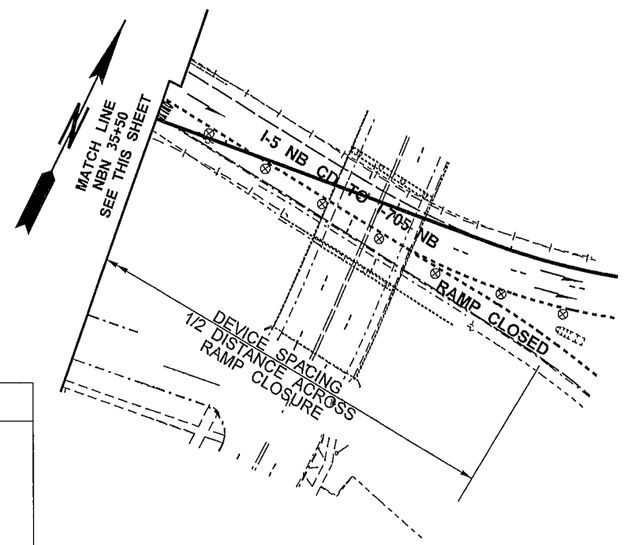
LOCATE AS SHOWN
I-5 NB
SR 16 EB
S 38TH ST ON-RAMP







CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



0 50 100
SCALE IN FEET

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
\\\	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU5 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU8, DU12, DU17 OR DU20.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_135.dgn
TIME	12:03:27 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

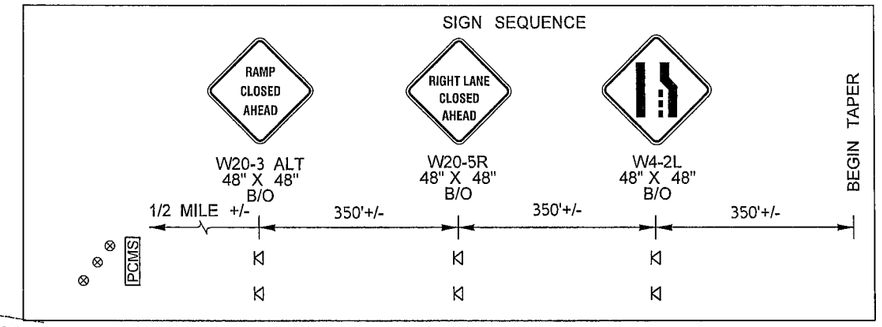
PLAN REF NO TC135

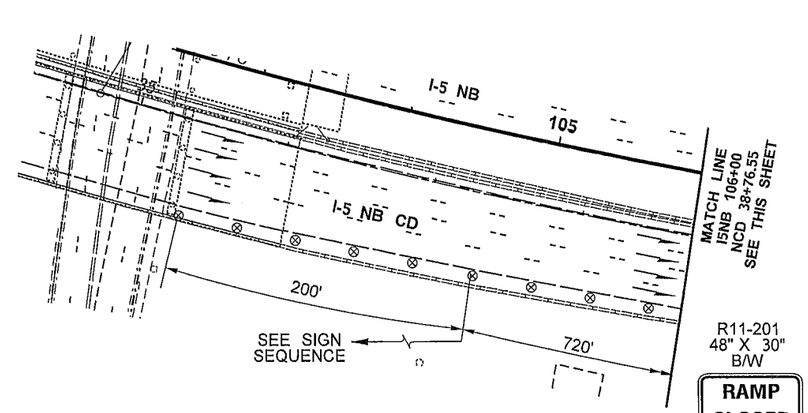
SHEET 1699 OF 1763 SHEETS

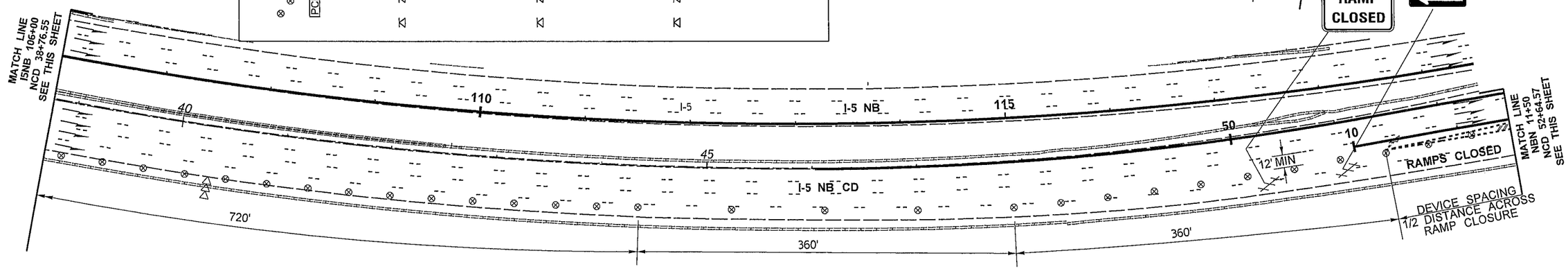
I-5 NB CD OFF-RAMPS TO BOTH SR 7 SB AND I-705 NB CLOSURE

PCMS	
1	2
I705/SR7 RAMPS CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

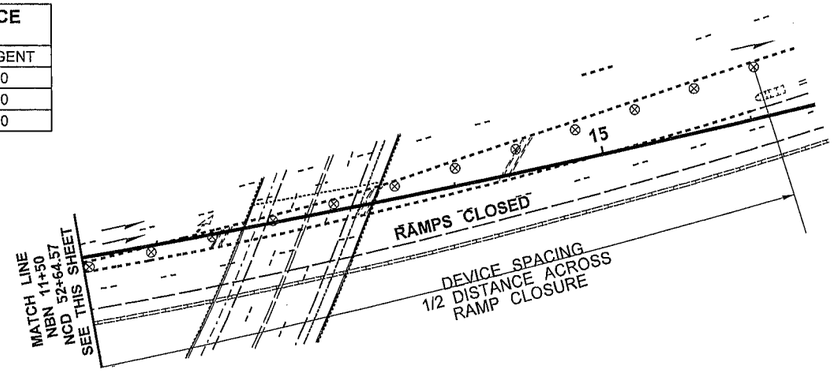
LOCATE AS SHOWN
I-5 NB
SR 16 EB
S 38TH ST ON-RAMP







CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU6 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU4, DU5, DU7, DU11, DU13, DU14, DU15, DU16, DU17, DU18, DU19, DU21, DU22, DU23, DU25, DU27, DU30, DU32 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
9. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- TYPE 3 BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_136.dgn
TIME	12:03:36 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

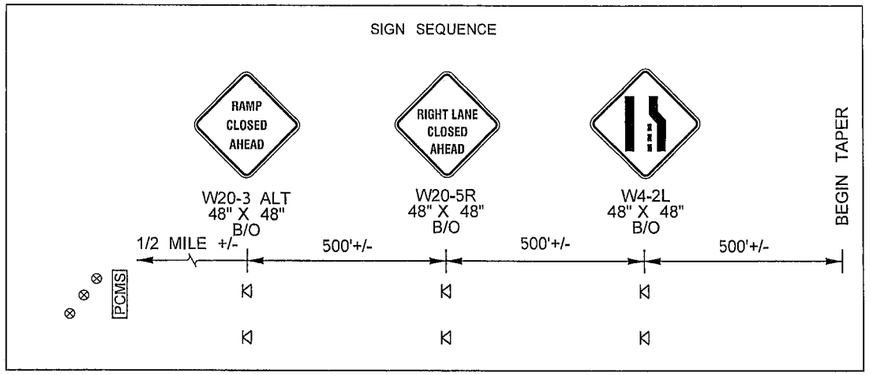
I-5
M ST TO PORTLAND AVE - HOV

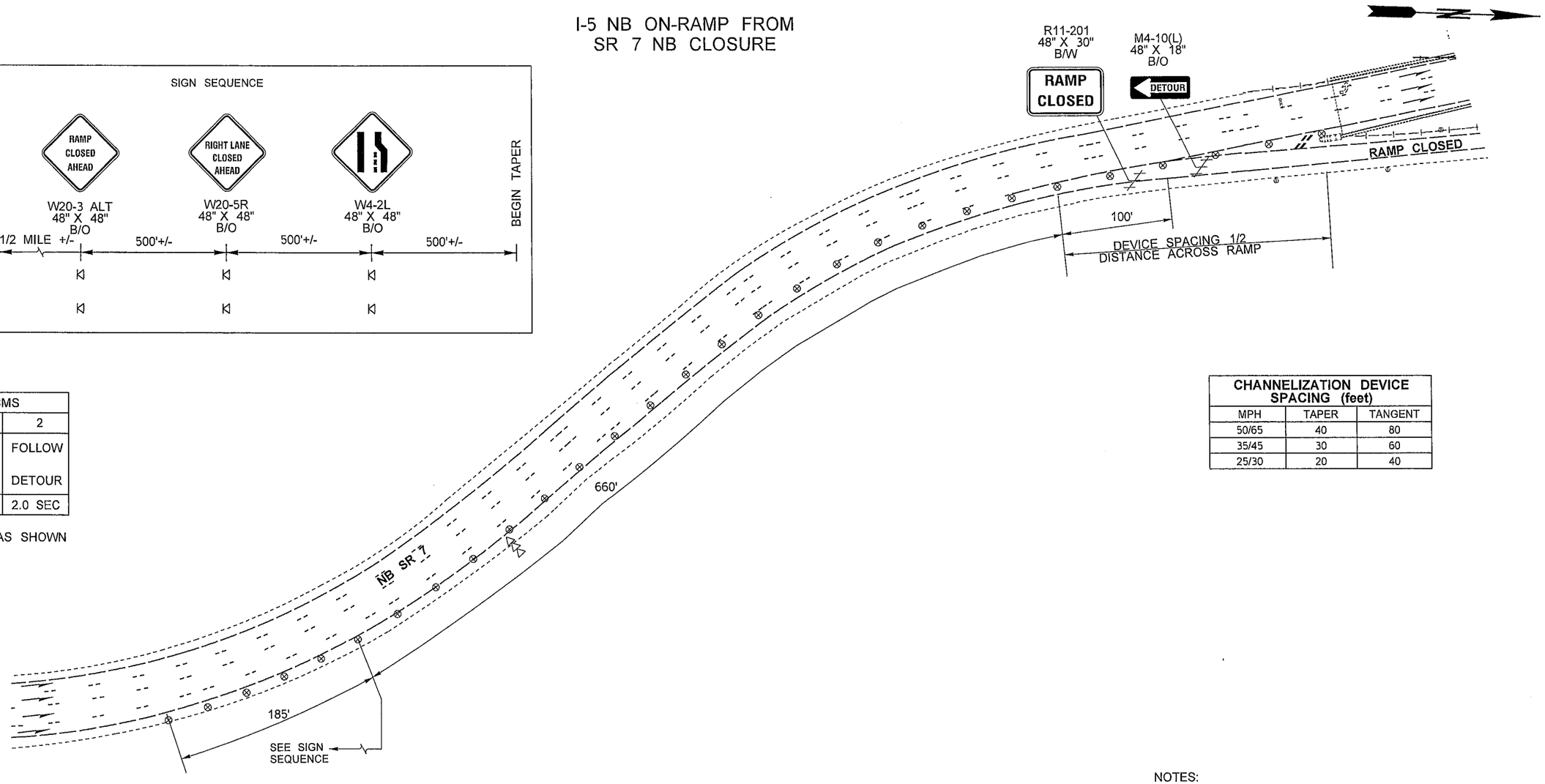
TRAFFIC CONTROL PLAN

PLAN REF NO TC136

SHEET 1700 OF 1763 SHEETS

I-5 NB ON-RAMP FROM SR 7 NB CLOSURE





PCMS	
1	2
I-5 NB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU8 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU6, DU9, DU10, DU13, DU17, DU23, DU25, DU33.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_137.dgn
TIME	12:03:41 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

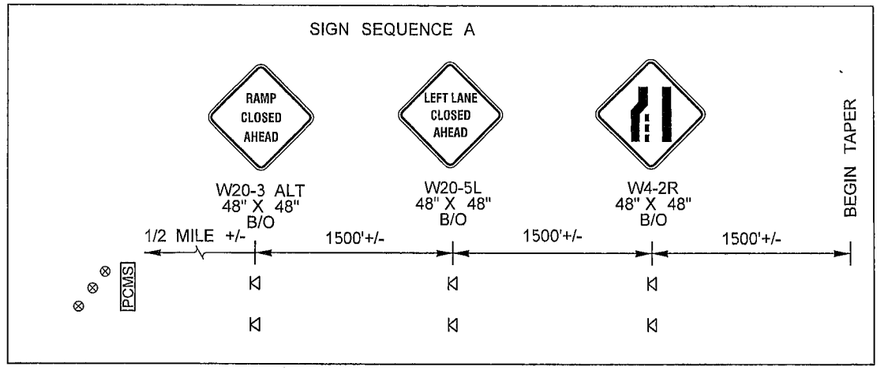
I-5
M ST TO PORTLAND AVE - HOV

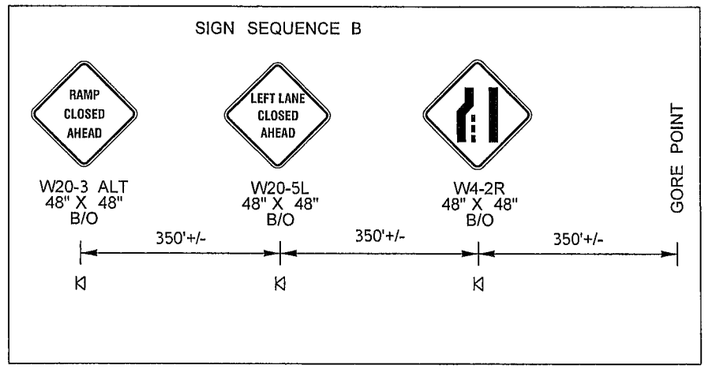
TRAFFIC CONTROL PLAN

PLAN REF NO TC137

SHEET 1701 OF 1763 SHEETS

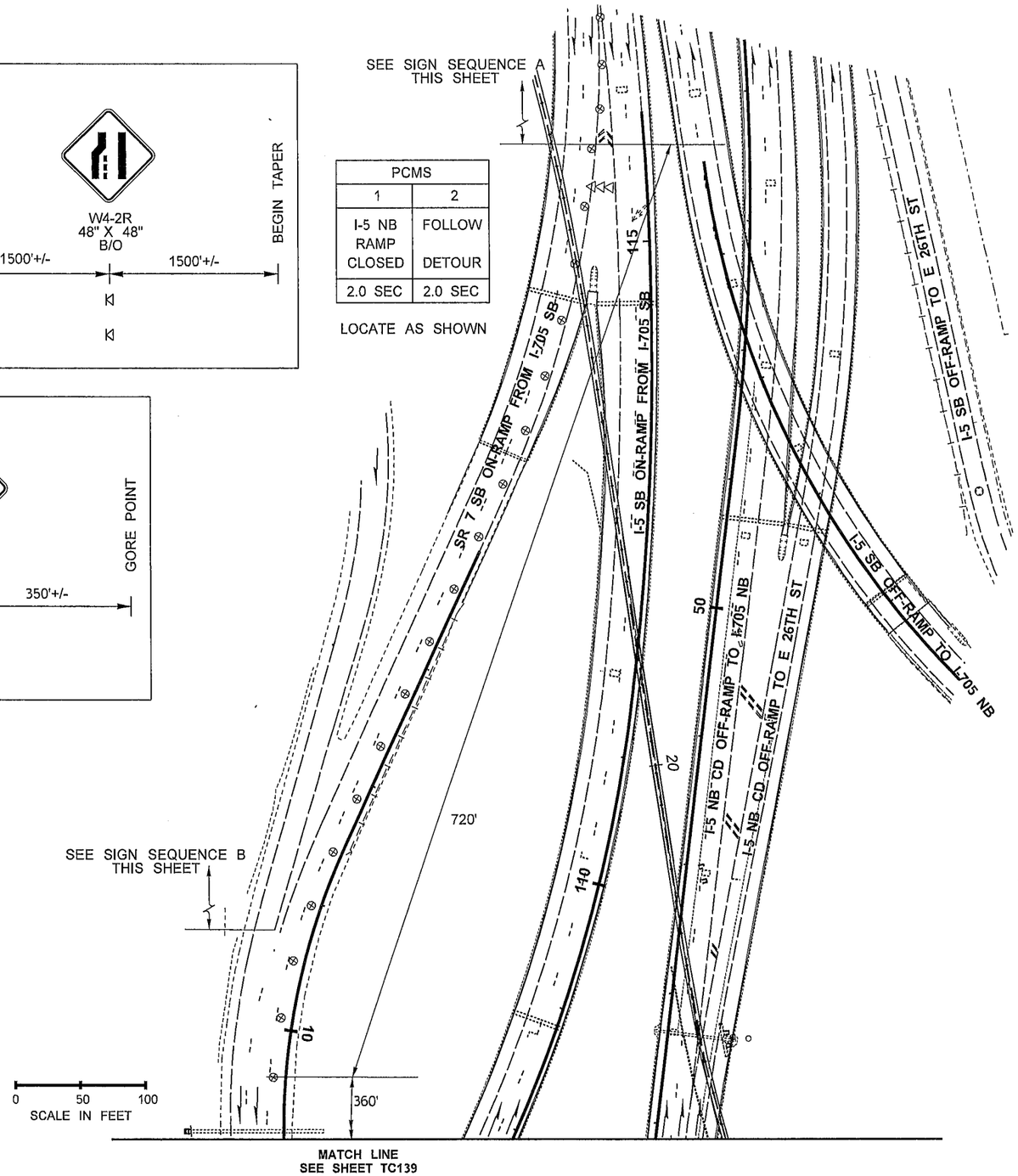
I-5 NB ON-RAMP FROM I-705 SB CLOSURE





PCMS	
1	2
I-5 NB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



0 50 100
SCALE IN FEET

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU9 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU8, DU10, DU11, DU13, DU21, DU22, DU23, DU25, DU27, DU32 OR DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND

⊠	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_138.dgn
TIME	12:03:48 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

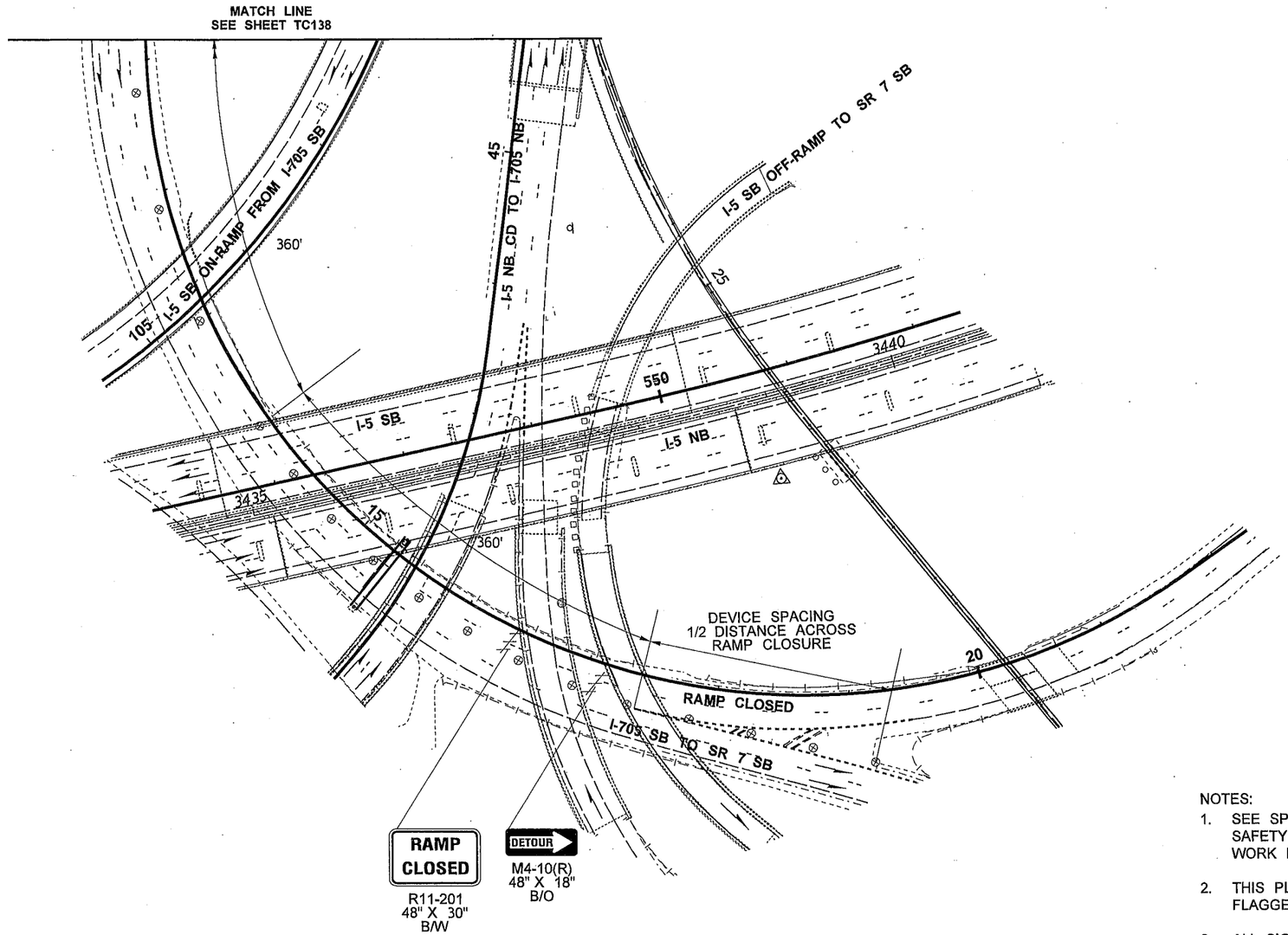
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC138

SHEET 1702 OF 1763 SHEETS

I-5 NB ON-RAMP FROM I-705 SB CLOSURE



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU9 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU8, DU10, DU11, DU13, DU21, DU22, DU23, DU25, DU27, DU32 OR DU33.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
⋋⋋⋋	TYPE 3 BARRICADE

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_139.dgn
TIME	1:12:33 PM
DATE	3/17/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

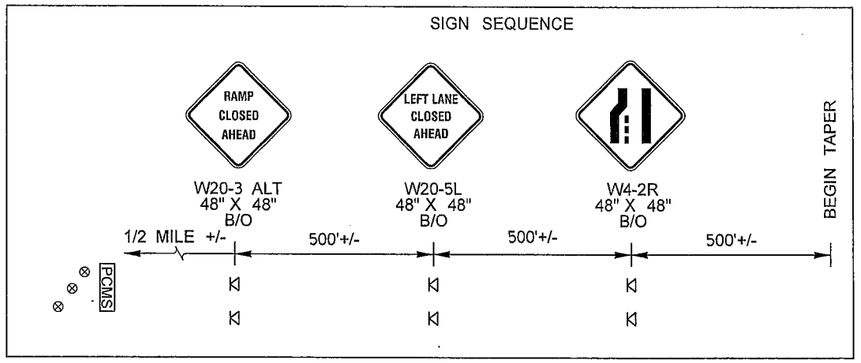
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC139

SHEET 1703 OF 1763 SHEETS

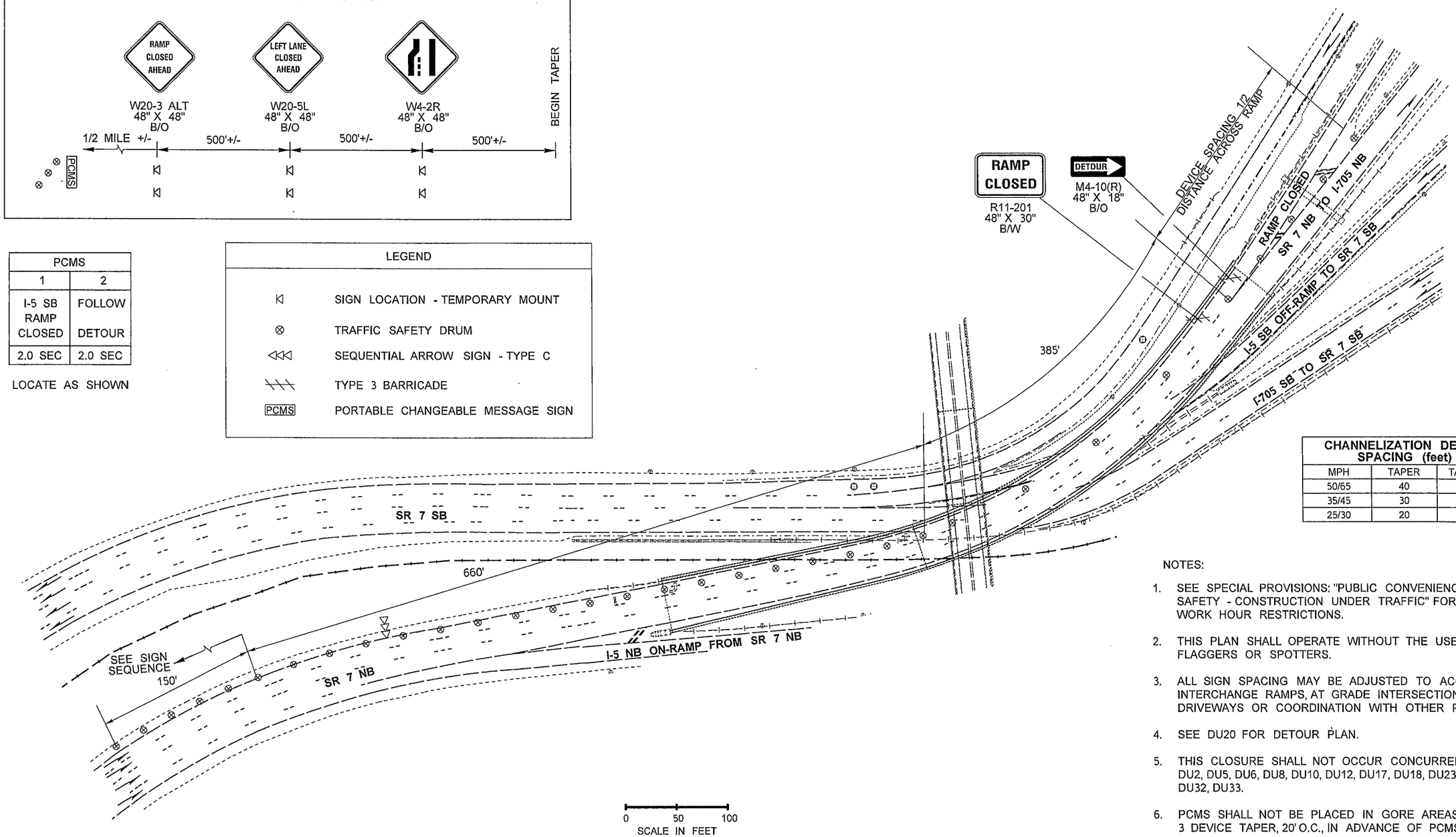
I-5 SB ON-RAMP FROM SR 7 NB CLOSURE



PCMS	
1	2
I-5 SB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	TRAFFIC SAFETY DRUM
	SEQUENTIAL ARROW SIGN - TYPE C
	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU20 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU5, DU6, DU8, DU10, DU12, DU17, DU18, DU23, DU25, DU32, DU33.
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_140.dgn					
TIME	12:04:05 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014					
PLOTTED BY	ShulerF				JOB NUMBER	
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ					
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

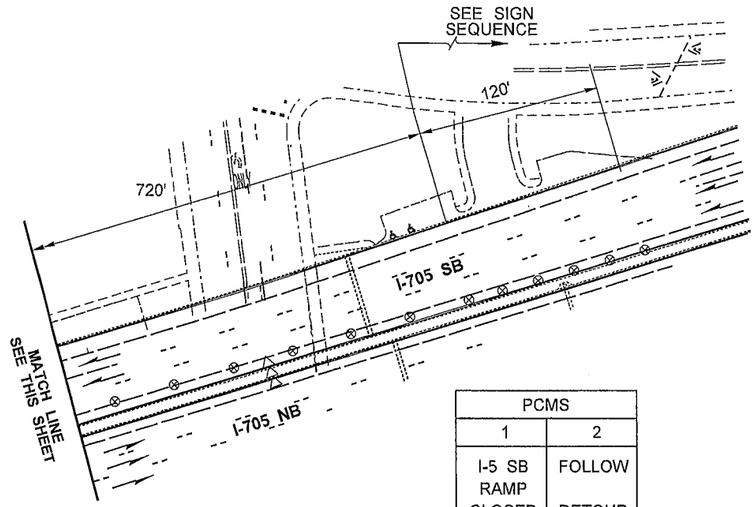
I-5
M ST TO PORTLAND AVE - HOV

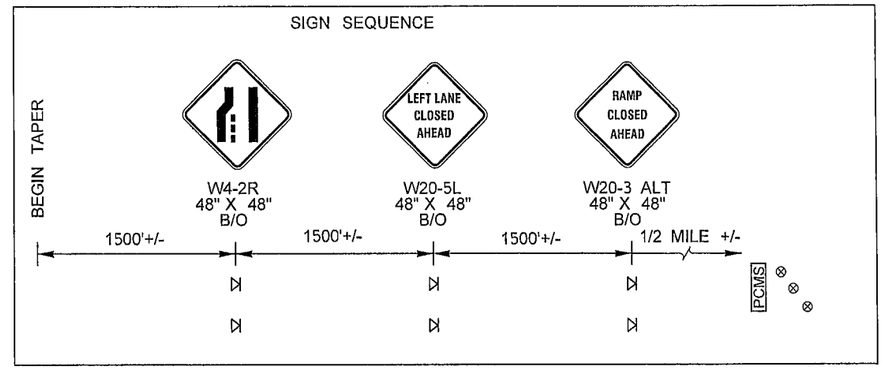
TRAFFIC CONTROL PLAN

PLAN REF NO TC140

SHEET 1704 OF 1763 SHEETS

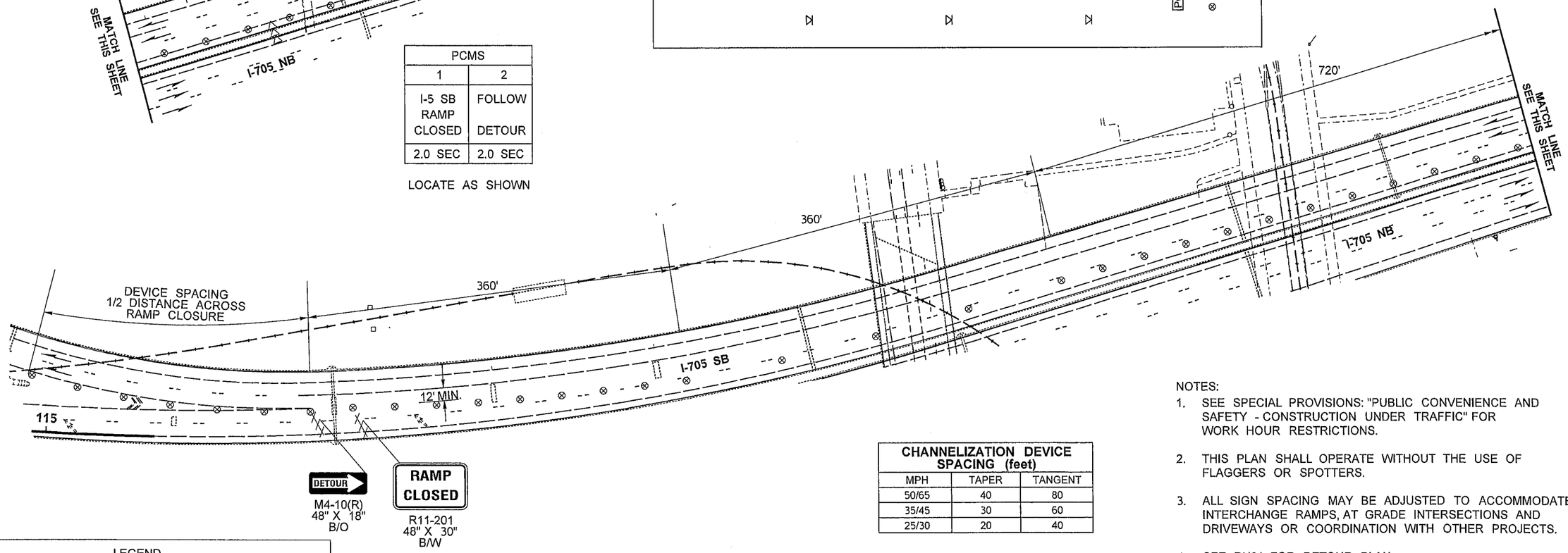
I-5 SB ON-RAMP FROM I-705 SB CLOSURE





PCMS	
1	2
I-5 SB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU21 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU11, DU13, DU15, DU16, DU17, DU18, DU19, DU20, DU22, DU23, DU25, DU27 OR DU28
6. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
7. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
⋊⋊⋊	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_141.dgn
TIME	12:04:14 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

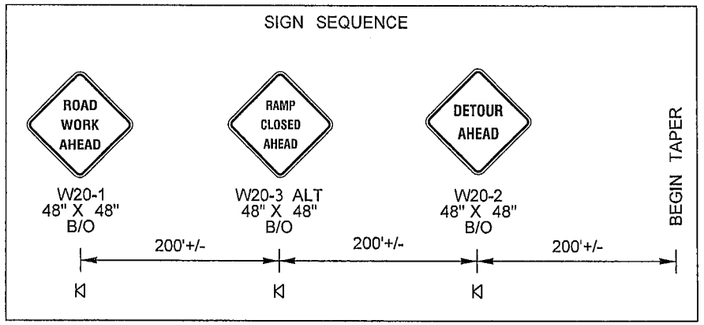
I-5
M ST TO PORTLAND AVE - HOV

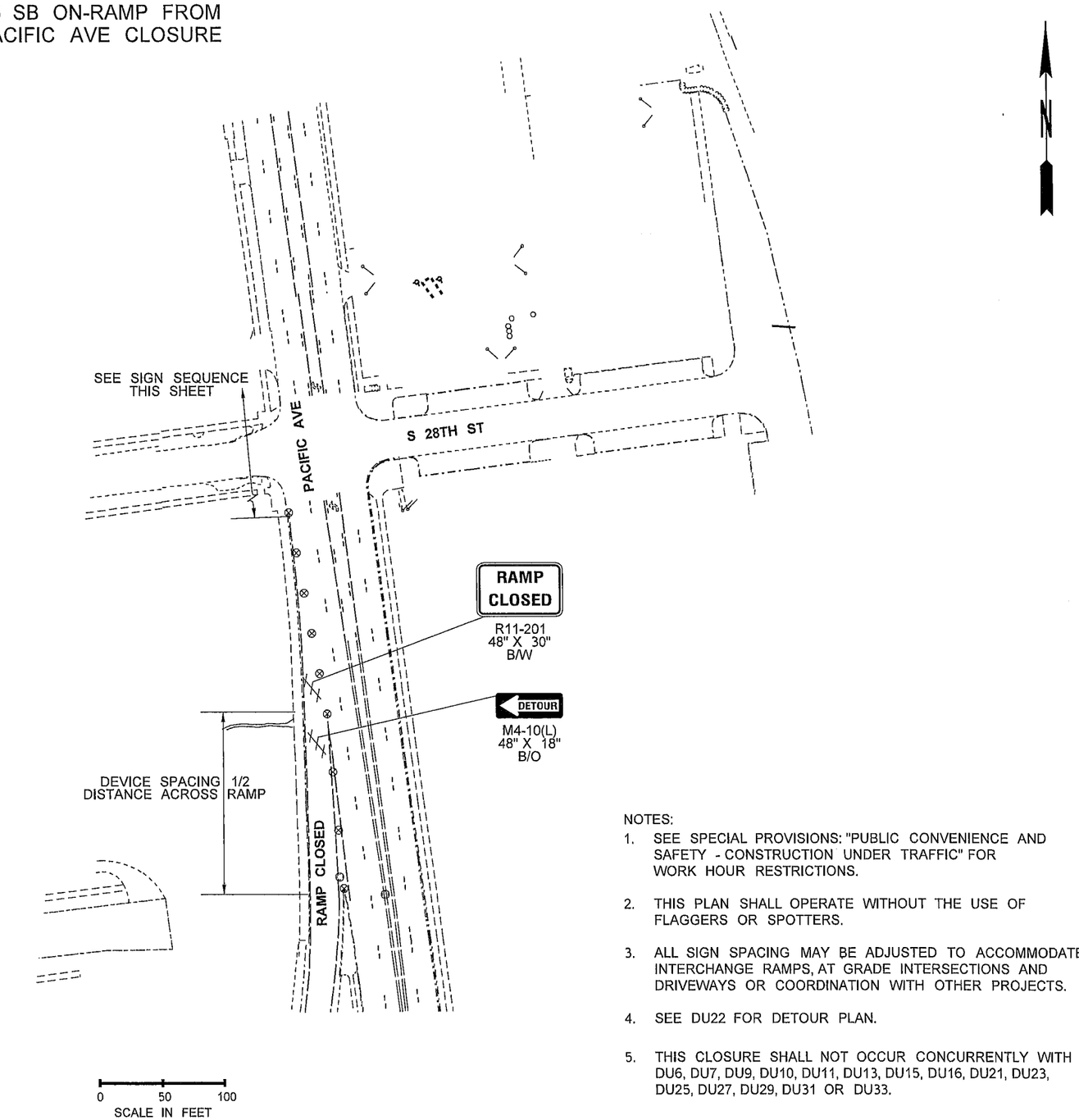
TRAFFIC CONTROL PLAN

PLAN REF NO TC141

SHEET 1705 OF 1763 SHEETS

I-5 SB ON-RAMP FROM PACIFIC AVE CLOSURE





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU22 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU6, DU7, DU9, DU10, DU11, DU13, DU15, DU16, DU21, DU23, DU25, DU27, DU29, DU31 OR DU33.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_142.dgn
TIME	12:04:22 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE | P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

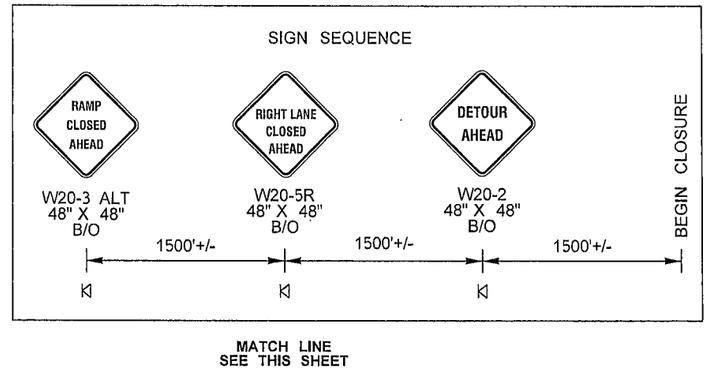
PLAN REF NO TC142

SHEET 1706 OF 1763 SHEETS

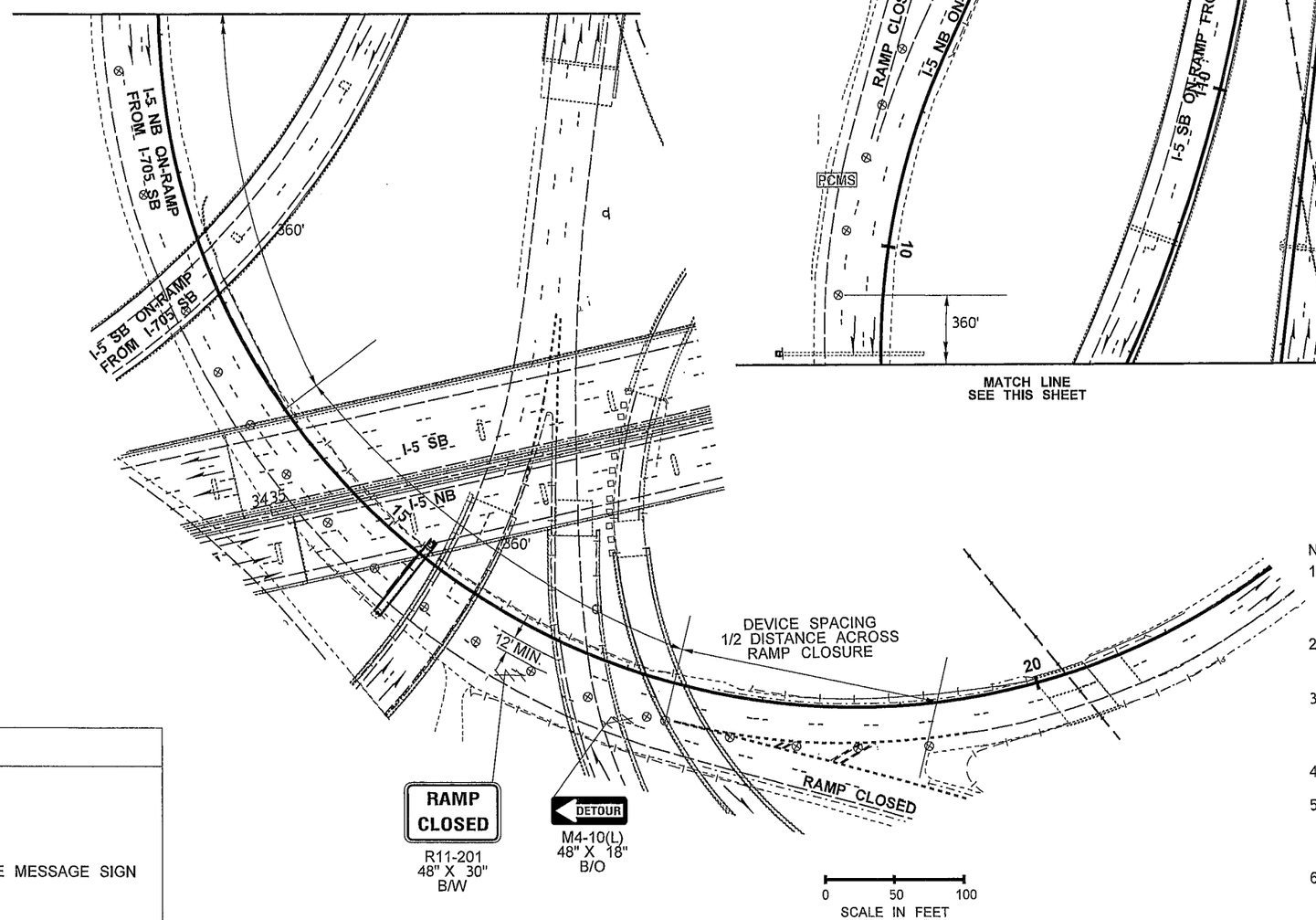
I-705 SB RAMP TO SR 7 SB CLOSURE

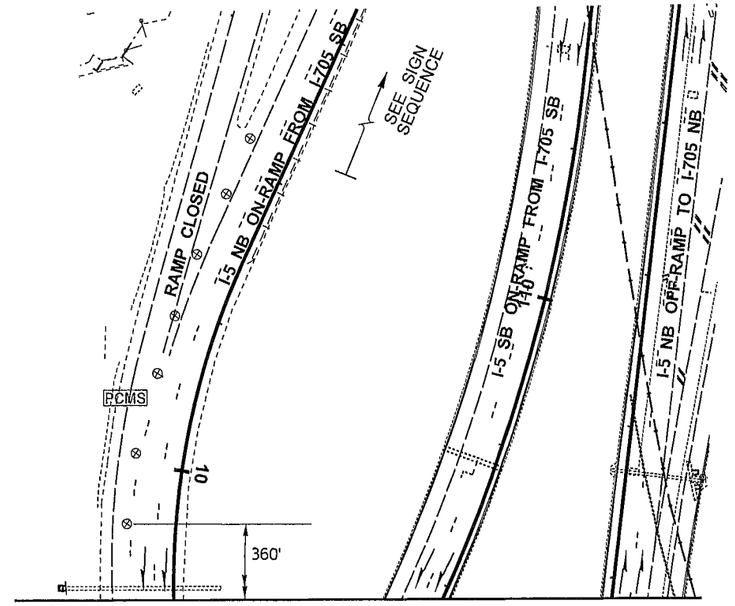
PCMS	
1	2
SB 7 RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



MATCH LINE SEE THIS SHEET





MATCH LINE SEE THIS SHEET

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU27 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU5, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU15, DU16, DU18, DU21, DU22, DU23, DU25 OR DU33.
6. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

LEGEND	
⊗	TRAFFIC SAFETY DRUM
⋋⋋⋋	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_143.dgn						
TIME	12:04:31 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	2/18/2014				JOB NUMBER		
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
ENTERED BY	D. WENTZ						XL3497
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

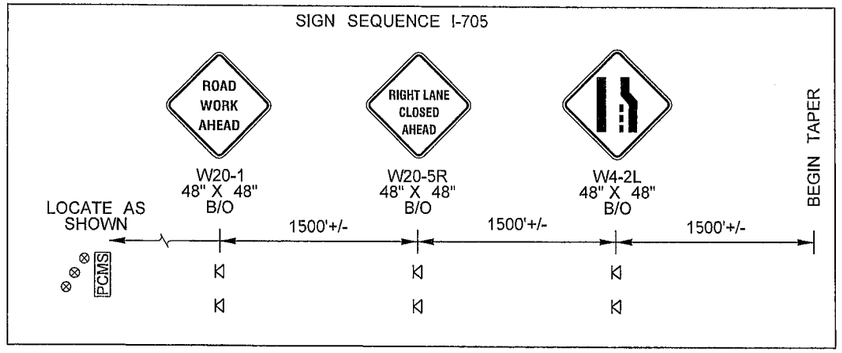
I-5
M ST TO PORTLAND AVE - HOV

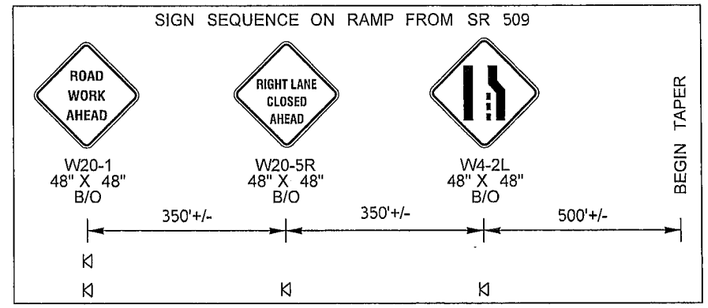
TRAFFIC CONTROL PLAN

PLAN REF NO TC143

SHEET 1707 OF 1763 SHEETS

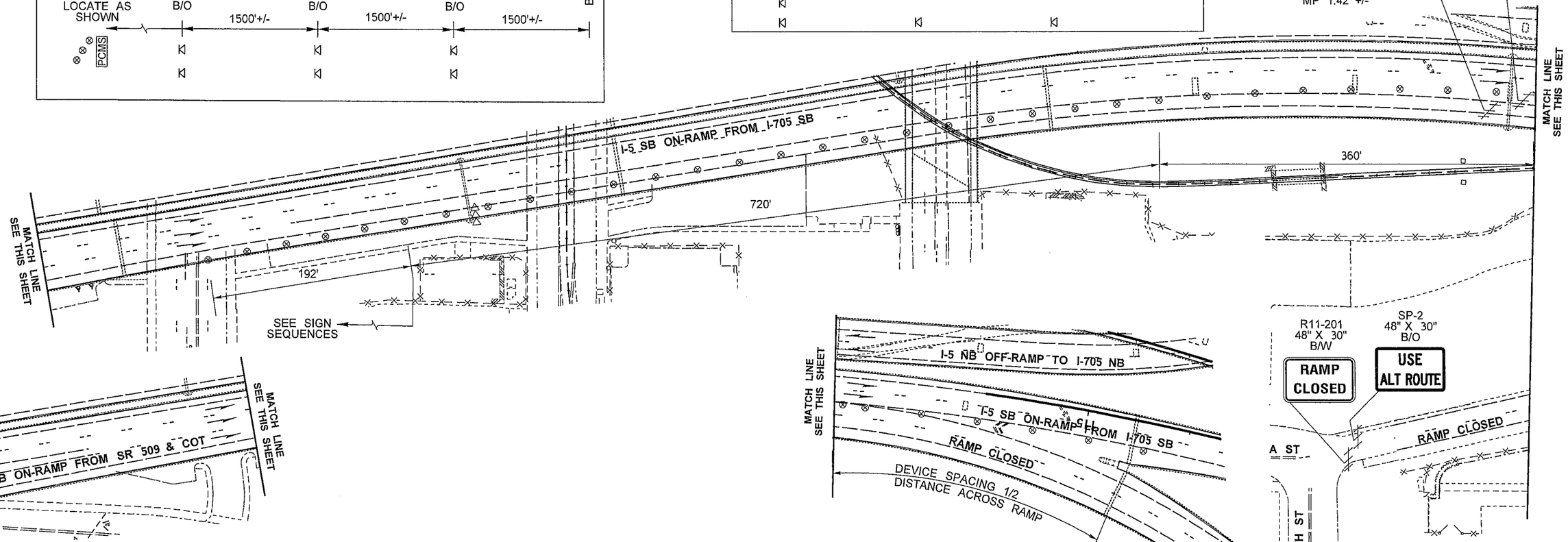
SB I-705 AND A ST CLOSURE TO NB I-5/SB SR 7





PCMS	
1	2
I-5 NB RAMP CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

LOCATE
NB I-705
MP 1.42 +/-



LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
⋊⋊	TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE DU28 FOR DETOUR PLAN.
5. SEE DU29 FOR CITY STREET DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU5, DU8, DU9, DU10, DU13, DU17, DU18, DU20, DU21, DU22, DU23, DU24, DU27, DU33
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

0 50 100
SCALE IN FEET

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_144.dgn
TIME	12:04:43 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

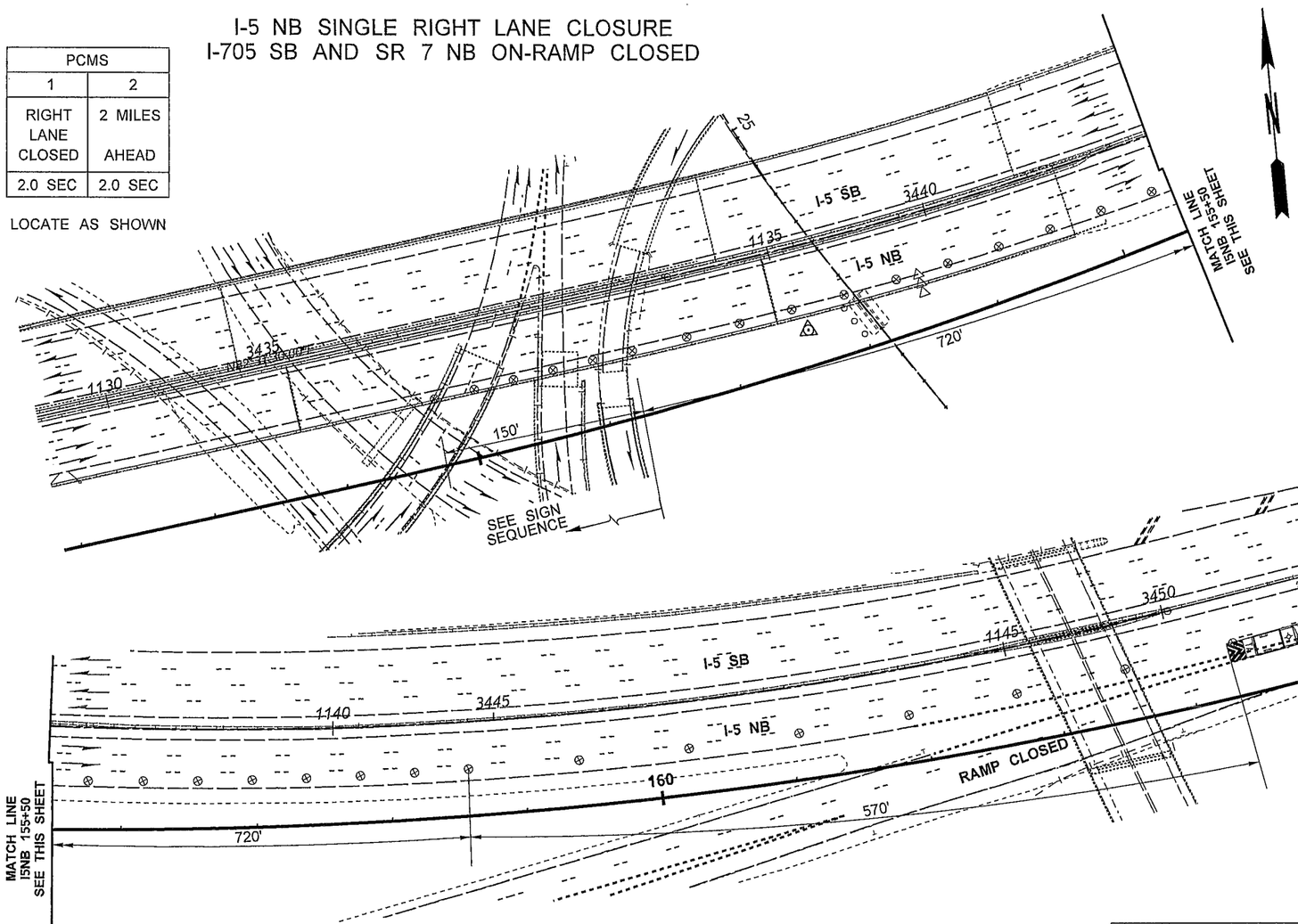
PLAN REF NO TC144

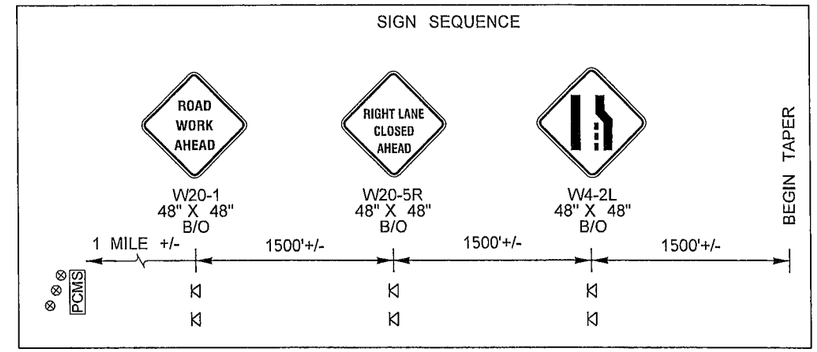
SHEET 1708 OF 1763 SHEETS

I-5 NB SINGLE RIGHT LANE CLOSURE
I-705 SB AND SR 7 NB ON-RAMP CLOSED

PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN





LEGEND	
⊲	SIGN LOCATION - TEMPORARY MOUNT
⊗	TRAFFIC SAFETY DRUM
⊲⊲⊲	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	TRANSPORTABLE ATTENUATOR

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC139 AND TC 137 FOR ON-RAMP CLOSURES.
5. SEE DU10 FOR DETOUR PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU8, DU9, DU13, DU21, DU22, DU23, DU25, DU27, DU30 OR DU33.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
8. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
9. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
10. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

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TIME	12:04:52 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

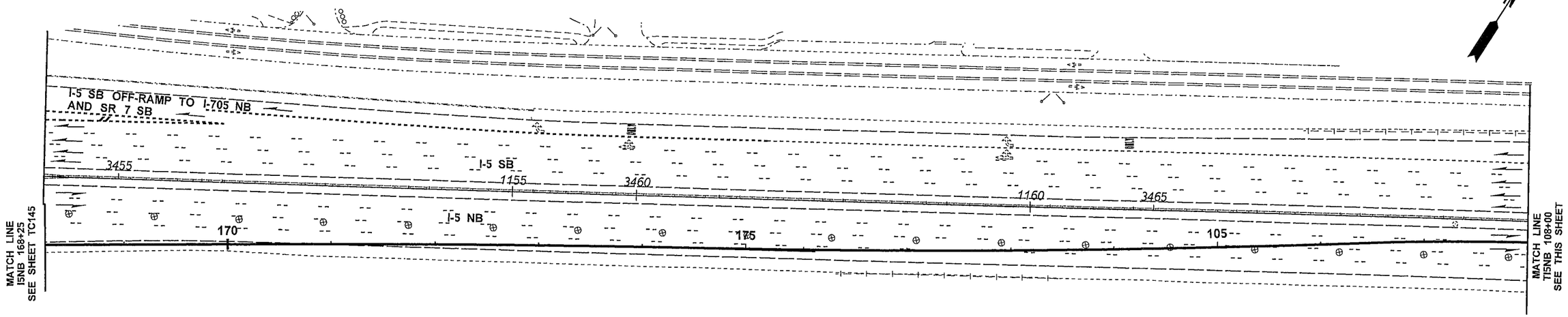
I-5
M ST TO PORTLAND AVE - HOV

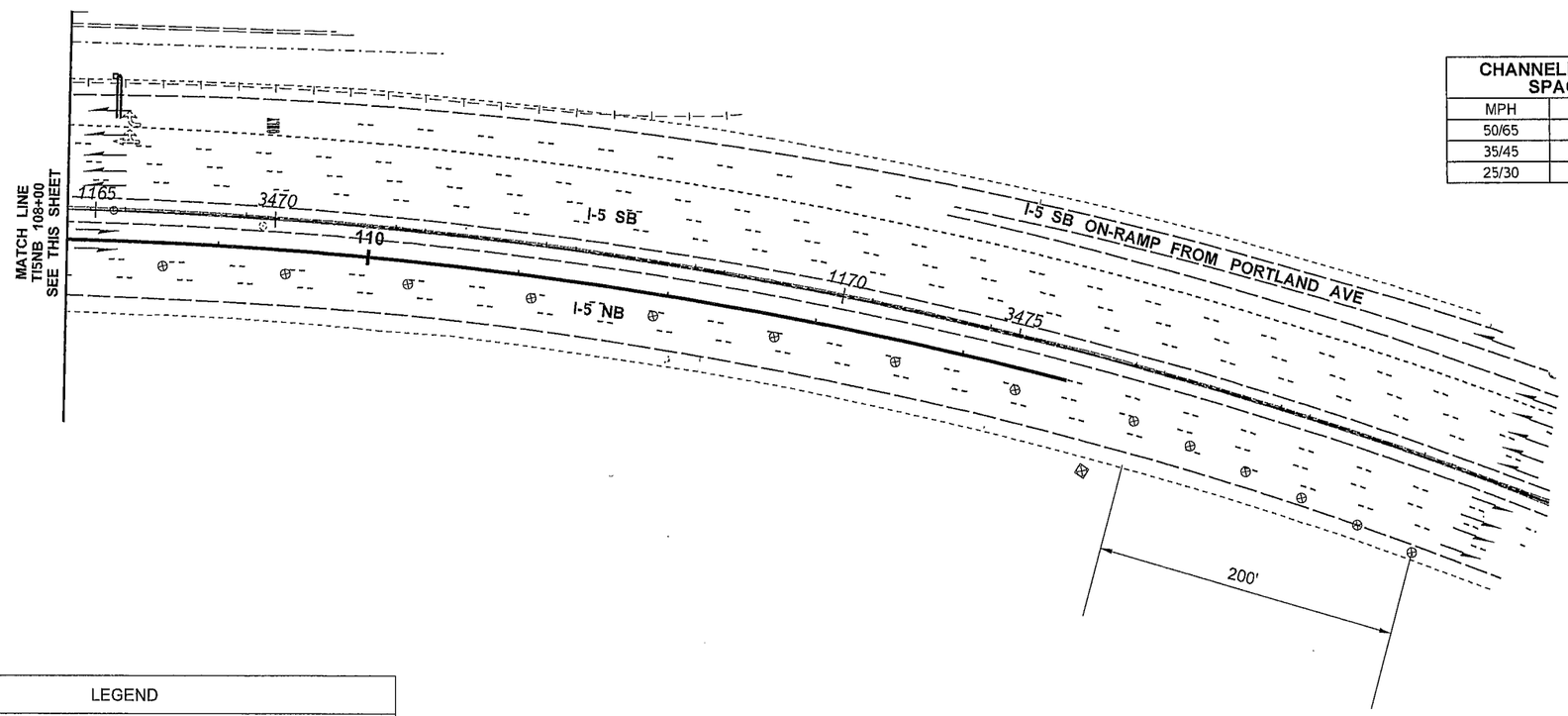
TRAFFIC CONTROL PLAN

PLAN REF NO TC145

SHEET 1709 OF 1763 SHEETS

I-5 NB SINGLE RIGHT LANE CLOSURE
I-705 SB AND SR 7 NB ON-RAMP CLOSED





CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TC139 AND TC137 FOR ON-RAMP CLOSURES.
4. SEE DU10 FOR DETOUR PLAN.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU8, DU9, DU13, DU21, DU22, DU23, DU25, DU27, DU30 OR DU33.
6. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
7. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
8. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

LEGEND	
⊗	TRAFFIC SAFETY DRUM

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_146.dgn
TIME	12:05:02 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC146

SHEET 1710 OF 1763 SHEETS

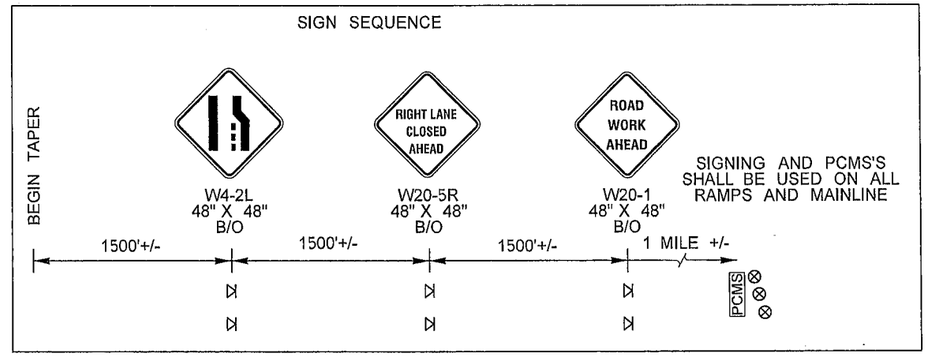
STAGE 1

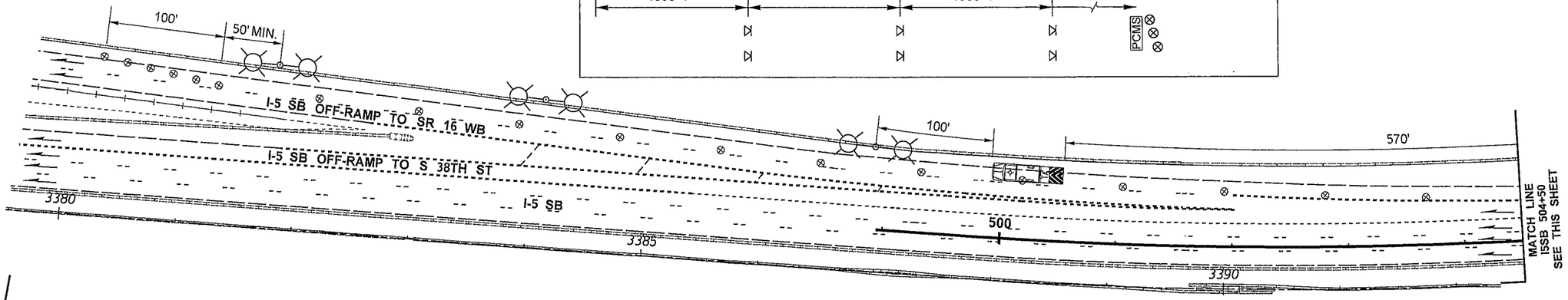
I-5 SB RIGHT LANE CLOSURE ON EXIT TO SR 16 WB

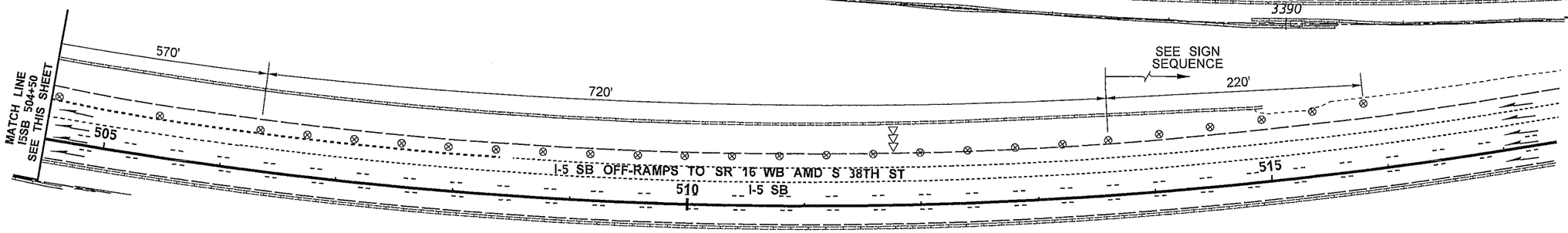
CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
RIGHT LANE CLOSED	ON EXIT TO HWY 16
2.0 SEC	2.0 SEC

LOCATE AS SHOWN







LEGEND	
⊗	TRAFFIC SAFETY DRUM
◁◁◁	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	TRANSPORTABLE ATTENUATOR

0 50 100
SCALE IN FEET

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AND COORDINATION WITH OTHER PROJECTS.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
6. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
7. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
8. IF BARRIER IS PRESENT AND SHOULDERS ARE LESS THAN 6' WIDE, TEMPORARY SIGNS SHALL BE BARRIER MOUNT.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\P3497_SH_TC_147.dgn
TIME	12:05:13 PM
DATE	2/18/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

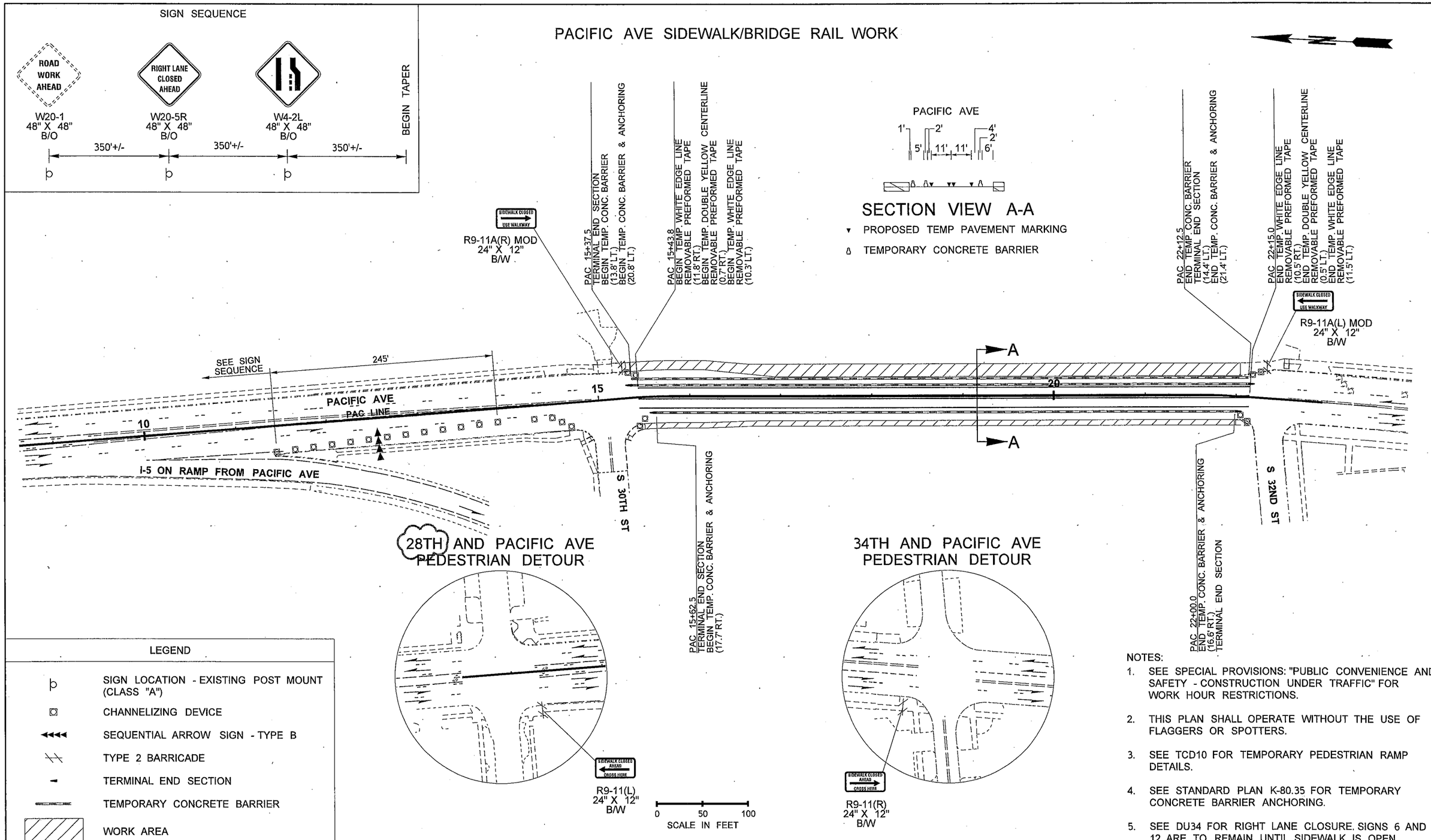
Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC147

SHEET 1711 OF 1763 SHEETS



LEGEND

- SIGN LOCATION - EXISTING POST MOUNT (CLASS "A")
- CHANNELIZING DEVICE
- SEQUENTIAL ARROW SIGN - TYPE B
- TYPE 2 BARRICADE
- TERMINAL END SECTION
- TEMPORARY CONCRETE BARRIER
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE TCD10 FOR TEMPORARY PEDESTRIAN RAMP DETAILS.
4. SEE STANDARD PLAN K-80.35 FOR TEMPORARY CONCRETE BARRIER ANCHORING.
5. SEE DU34 FOR RIGHT LANE CLOSURE. SIGNS 6 AND 12 ARE TO REMAIN UNTIL SIDEWALK IS OPEN.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\ADD1_P3497_SH_TC_148.dgn			
TIME	7:48:26 AM			
DATE	4/28/2014			
PLOTTED BY	WentzD			
DESIGNED BY	D.WENTZ			
ENTERED BY	D.WENTZ			
CHECKED BY	R.CRUMBLEY			
PROJ. ENGR.	J. PEREZ	AD1 - CHANGED STREET CALLOUT	5/2/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

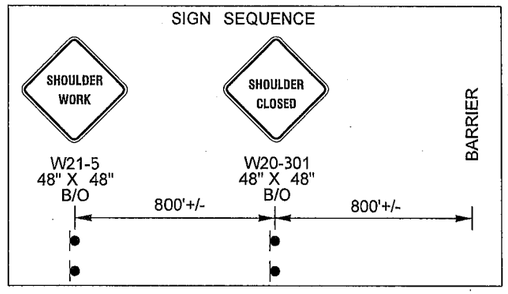
I-5
M ST TO PORTLAND AVE - HOV

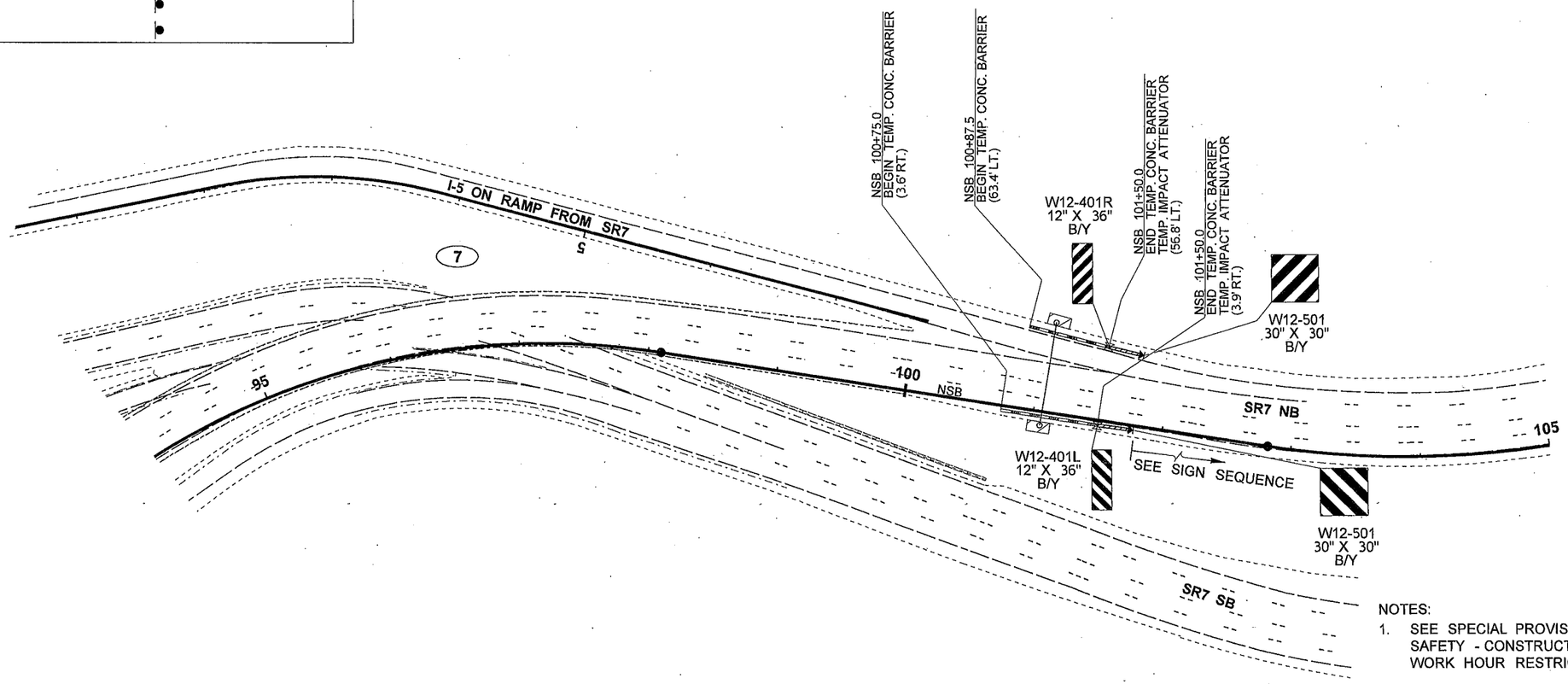
TRAFFIC CONTROL PLAN

PLAN REF NO TC148

SHEET 1712 OF 1763 SHEETS

NB SR 7 SIGN BRIDGE REPLACEMENT





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TCD9 FOR APPROVED TEMPORARY IMPACT ATTENUATOR LIST.
6. SEE STANDARD PLAN K-80.35 FOR TEMPORARY CONCRETE BARRIER ANCHORING.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - BARRIER MOUNT
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- WORK AREA

0 50 100
SCALE IN FEET

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\TC Sheets\ADD1_P3497_SH_TC_148A.dgn					
TIME	7:48:35 AM				REGION NO. 10 / STATE WASH	FED.AID PROJ.NO.
DATE	4/28/2014				JOB NUMBER	
PLOTTED BY	WentzD					
DESIGNED BY	D.WENTZ					
ENTERED BY	D.WENTZ					
CHECKED BY	R.CRUMBLEY				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	J.PEREZ	AD1 - ADDED SHEET	5/2/2014	DW		XL3497
REGIONAL ADM.	K.DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL PLAN

PLAN REF NO TC148A

SHEET 1712A OF 1763 SHEETS

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)

SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

SIGN SPACING = X (1)

FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500'±
RURAL HIGHWAYS	60 / 65 MPH	800'±
RURAL ROADS	45 / 55 MPH	500'±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

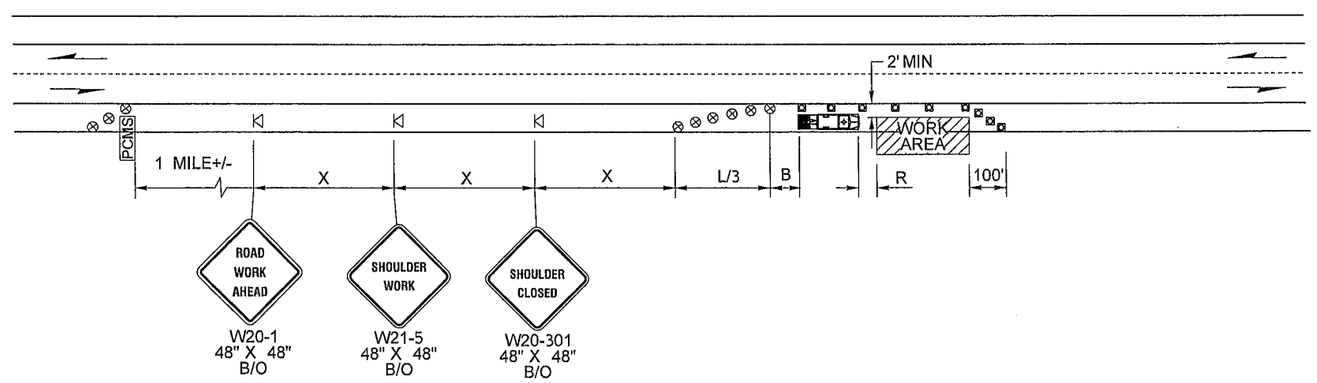
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	-

BUFFER VEHICLE ROLL AHEAD DISTANCE = R

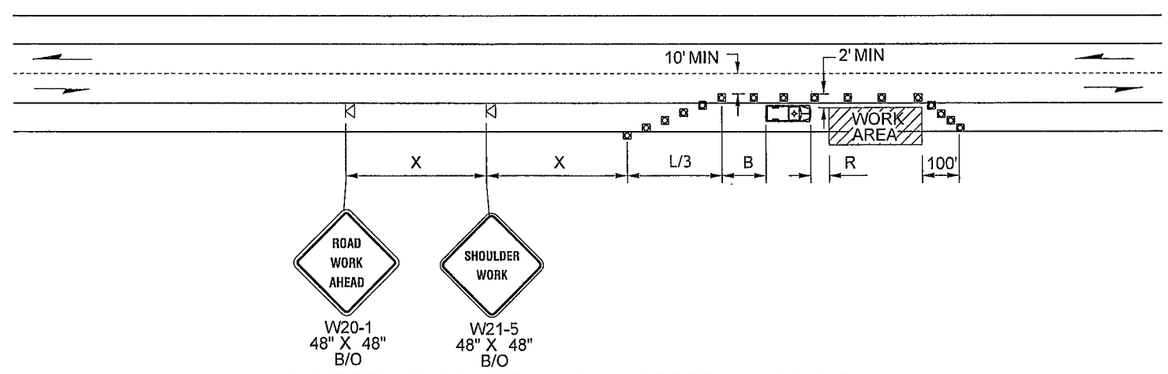
TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FOOT MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED

PCMS	
1	2
SHOULDER WORK	TWO MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



SHOULDER CLOSURE - HIGH SPEED (> 40 MPH)



SHOULDER CLOSURE - LOW SPEED (≤ 40 MPH)

NOT TO SCALE

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- CHANNELIZING DEVICE
- TRAFFIC SAFETY DRUM
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- PROTECTIVE VEHICLE
- TRANSPORTABLE ATTENUATOR
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. IN HIGH SPEED CLOSURE NO ENCROACHMENT ON TRAVELED LANE. IF ENCROACHMENT IS NECSSARY, LANE SHALL BE CLOSED.

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TIME	7:38:56 AM
DATE	2/14/2014
PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD1

SHEET 1713 OF 1763 SHEETS

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)

SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)

LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	495	550	605	660	-	-
12	-	-	-	-	540	600	660	720	780	840

SIGN SPACING = X (1)

FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	-

BUFFER VEHICLE ROLL AHEAD DISTANCE = R

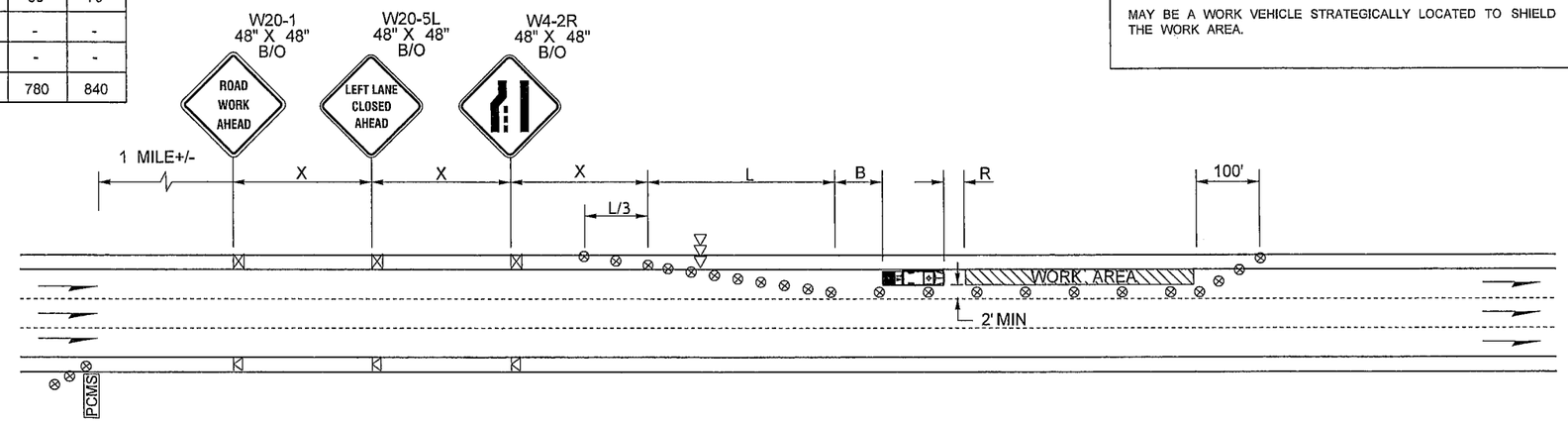
TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FOOT MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED

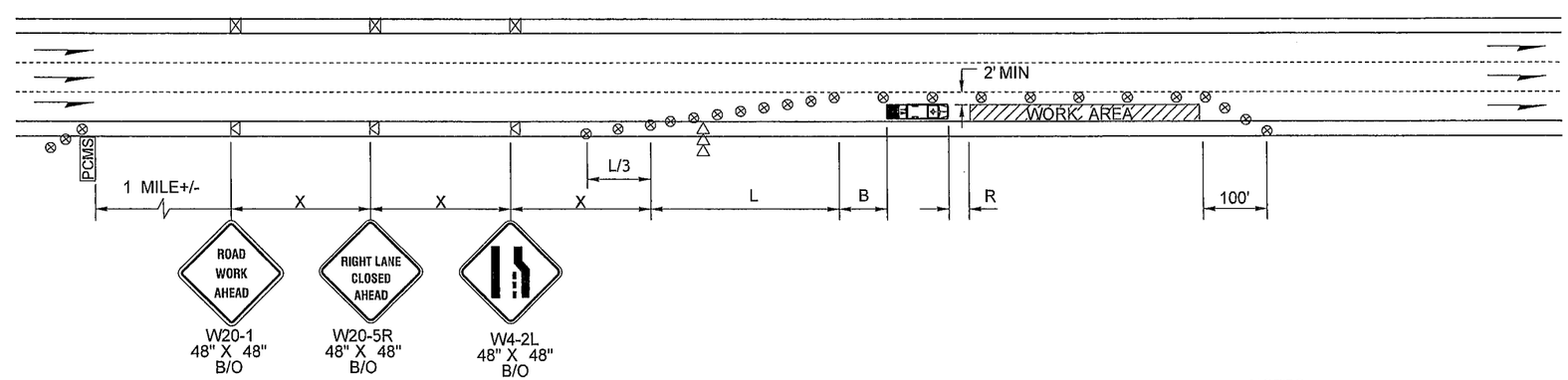
PCMS	
1	2
LEFT LANE CLOSED	TWO MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

PCMS	
1	2
RIGHT LANE CLOSED	TWO MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN





LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRANSPORTABLE ATTENUATOR
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.

RIGHT AND LEFT SINGLE LANE CLOSURE
MULTILANE ROADWAY
NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Typical & Other Sheets\P3497_SH_TCD_02.dgn
TIME	7:39:00 AM
DATE	2/14/2014
PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD2

SHEET 1714 OF 1763 SHEETS

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)

SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)

LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	495	550	605	660	-	-
12	-	-	-	-	540	600	660	720	780	840

SIGN SPACING = X (1)

FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

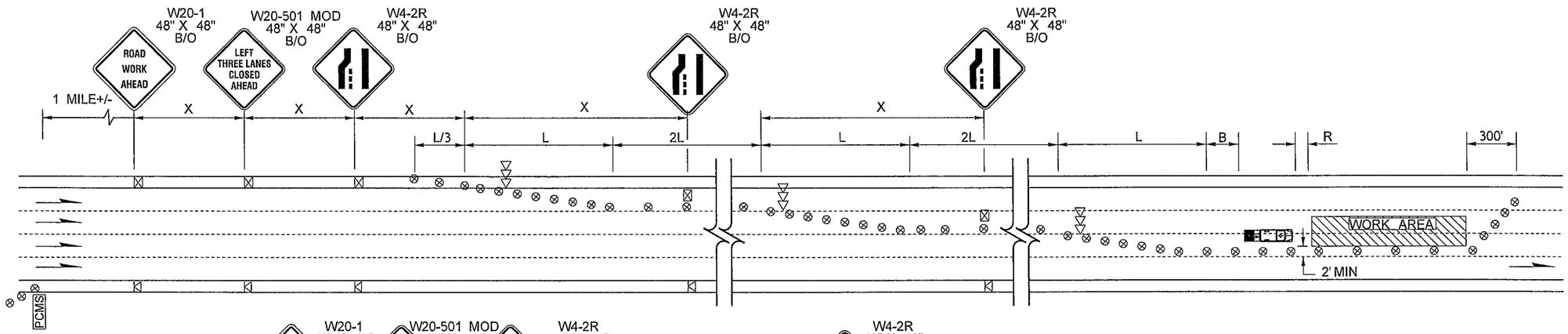
BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	-

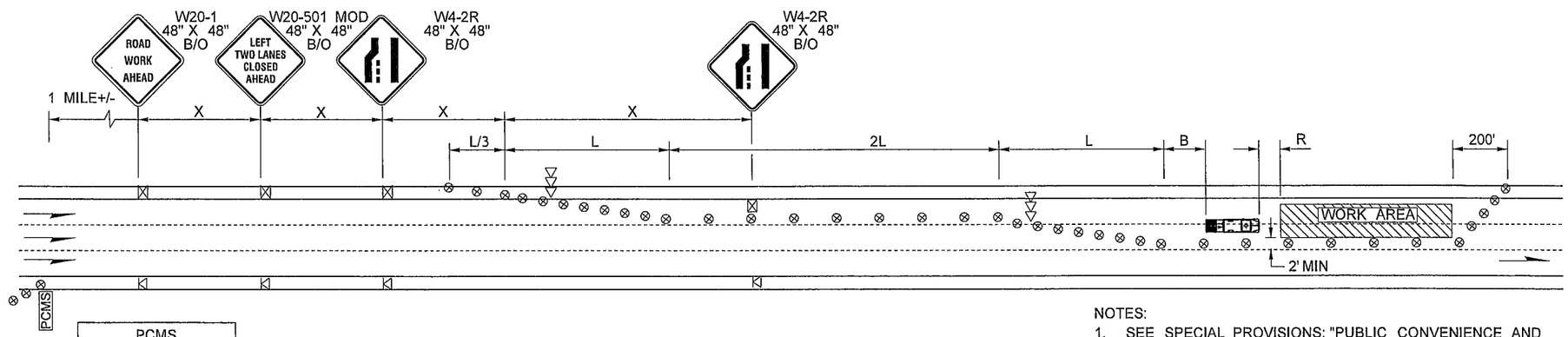
BUFFER VEHICLE ROLL AHEAD DISTANCE = R

TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FOOT MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED



PCMS	
1	2
LEFT 3 LANES CLOSED	TWO MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



PCMS	
1	2
LEFT 2 LANES CLOSED	TWO MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRANSPORTABLE ATTENUATOR
- WORK AREA

DOUBLE AND TRIPLE LEFT LANE CLOSURE
MULTILANE ROADWAY
NOT TO SCALE

NOTES:
1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.

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TIME	7:39:03 AM
DATE	2/14/2014
PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

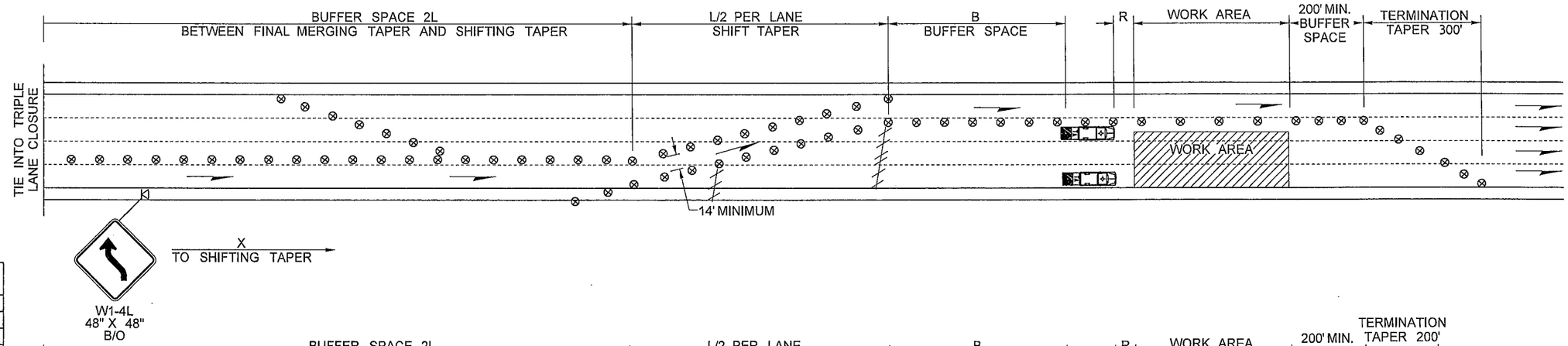
Washington State Department of Transportation

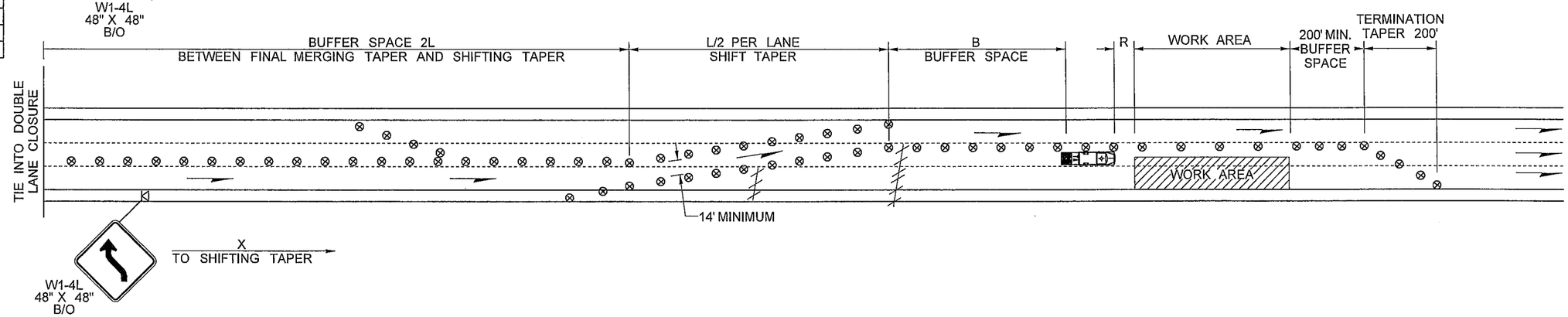
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD3

SHEET 1715 OF 1763 SHEETS





CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

SIGN SPACING = X (1)

FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500'±
RURAL HIGHWAYS	60 / 65 MPH	800'±
RURAL ROADS	45 / 55 MPH	500'±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTABLE ATTENUATOR
- WORK AREA

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	-

BUFFER VEHICLE ROLL AHEAD DISTANCE = R

TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FOOT MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)

LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	-	-	-	-	-	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.
5. EXTEND DEVICE TAPER ACROSS SHOULDER.
6. SEE TCD3 FOR LEFT DOUBLE/TRIPLE LANE CLOSURE.

DOUBLE AND TRIPLE LEFT LANE CLOSURE TO DOUBLE AND TRIPLE RIGHT LANE CLOSURE FOR SHORT-TERM/FULL WIDTH WORK (CHICANE)

NOT TO SCALE

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DATE	2/14/2014
PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD4

SHEET 1716 OF 1763 SHEETS

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	-

BUFFER VEHICLE ROLL AHEAD DISTANCE = R

TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FOOT MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)

SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)

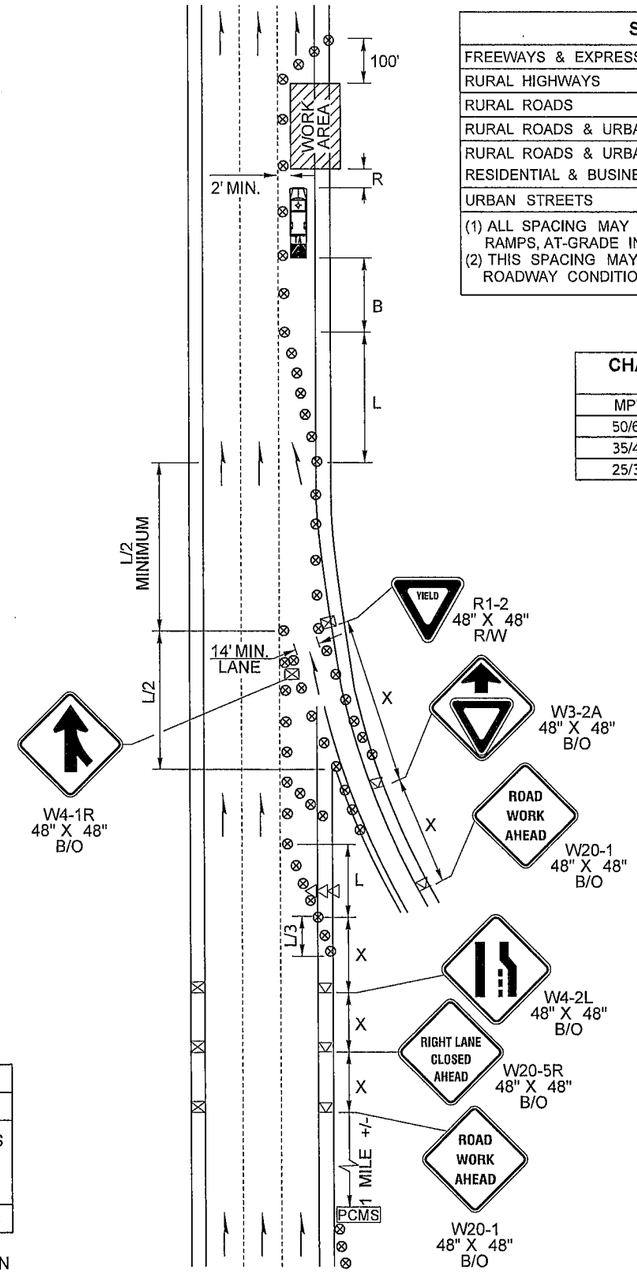
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	-	-	-	-	-	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRANSPORTABLE ATTENUATOR
- WORK AREA

PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



TYPICAL TEMPORARY ON-RAMP DETAILS FOR MULTI LANE ROADWAYS

NOT TO SCALE

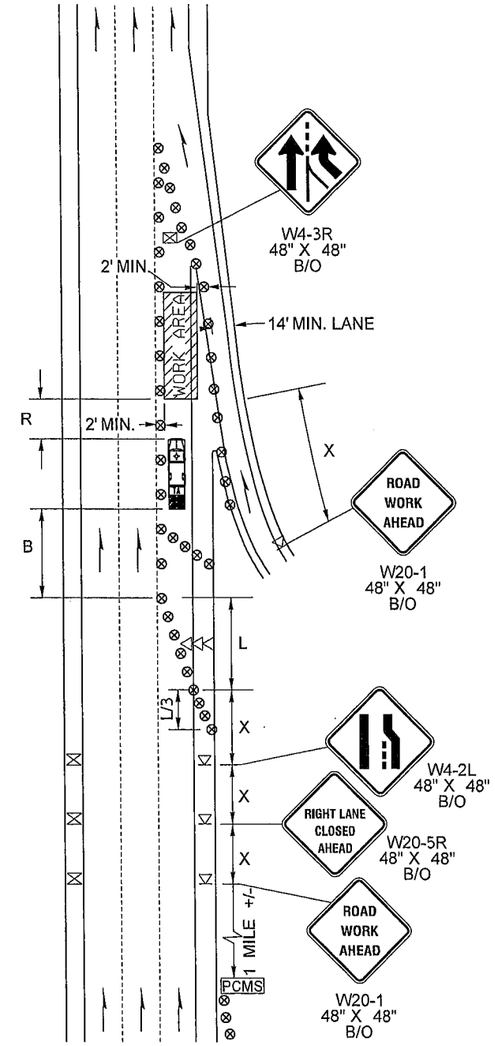
SIGN SPACING = X (1)

FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
5. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

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TIME	7:39:10 AM
DATE	2/14/2014
PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

SIGN SEQUENCE

SHOULDER WORK — SHOULDER CLOSED

REVISION — DATE — BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD5

SHEET 1717 OF 1763 SHEETS

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	-

BUFFER VEHICLE ROLL AHEAD DISTANCE = R

TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FOOT MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)

SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

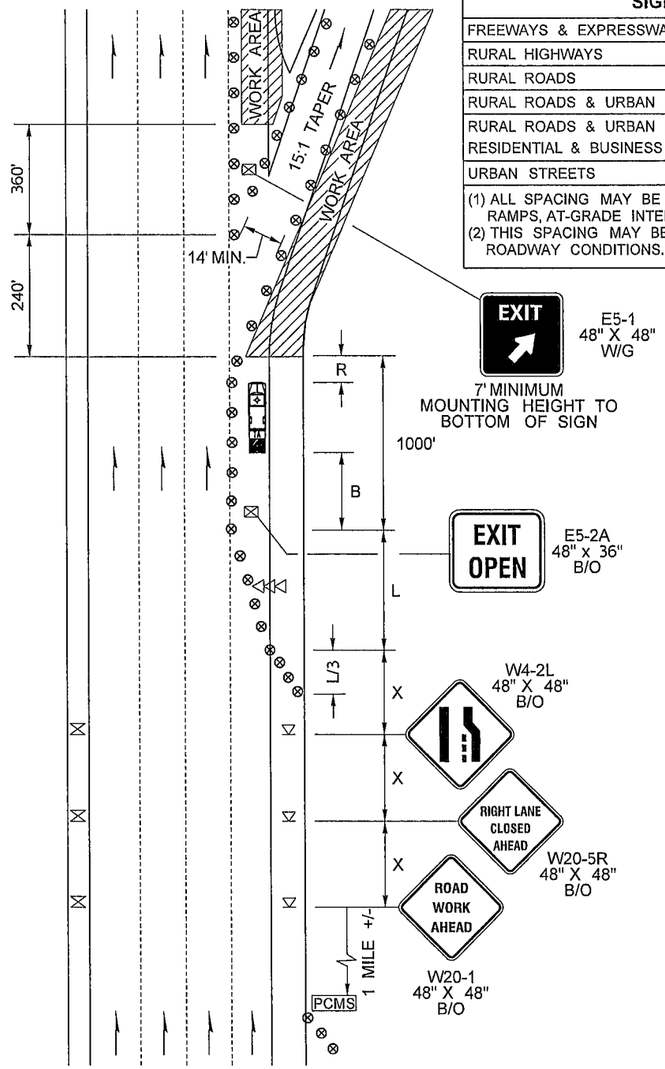
MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)

LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	-	-	-	-	-	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

SIGN SPACING = X (1)

FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

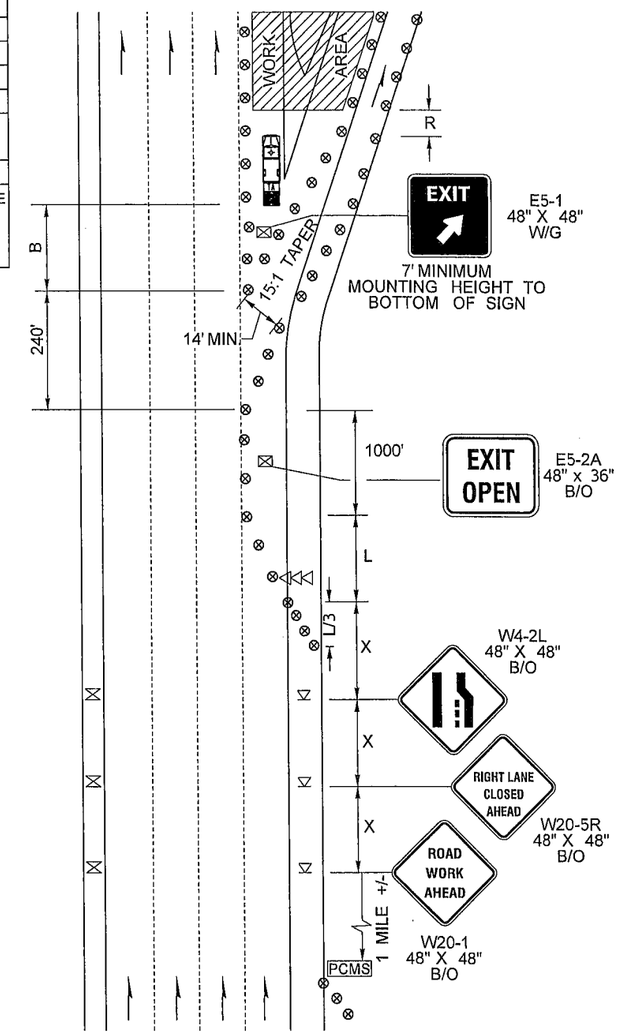


CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

PCMS	
1	2
RIGHT LANE CLOSED	2 MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
4. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
5. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

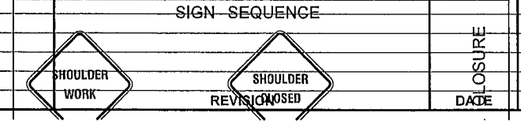
LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN - TYPE C
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TRANSPORTABLE ATTENUATOR
- WORK AREA

TYPICAL TEMPORARY OFF-RAMP DETAILS FOR MULTI LANE ROADWAYS

NOT TO SCALE

SIGN SEQUENCE



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PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

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Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD6

SHEET 1718 OF 1763 SHEETS

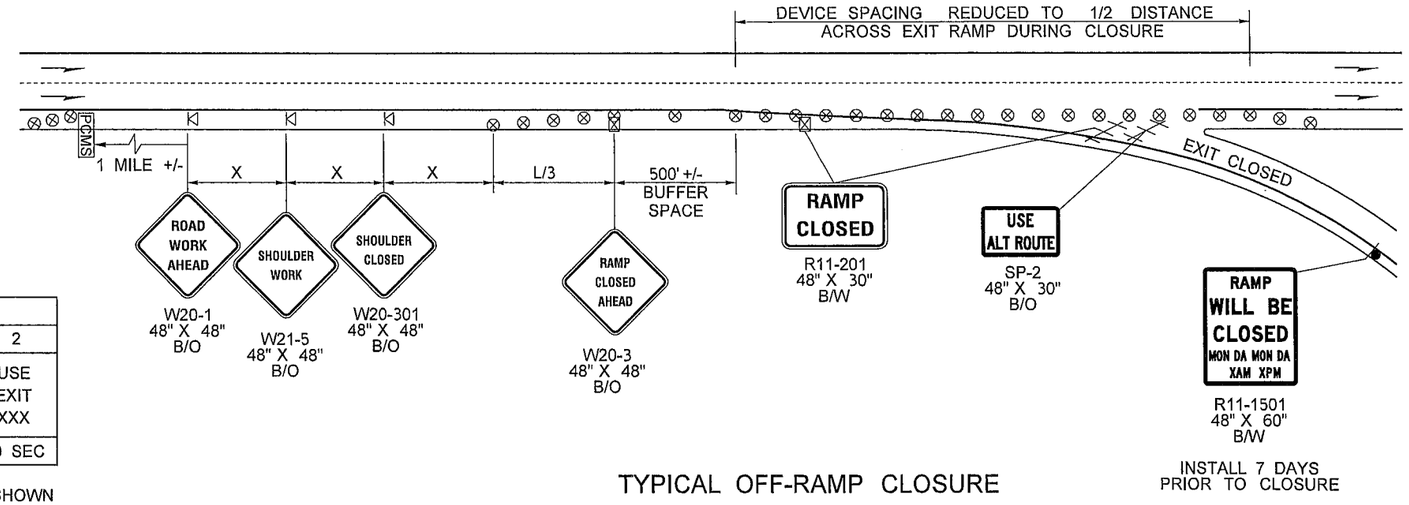
MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240
USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.										

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

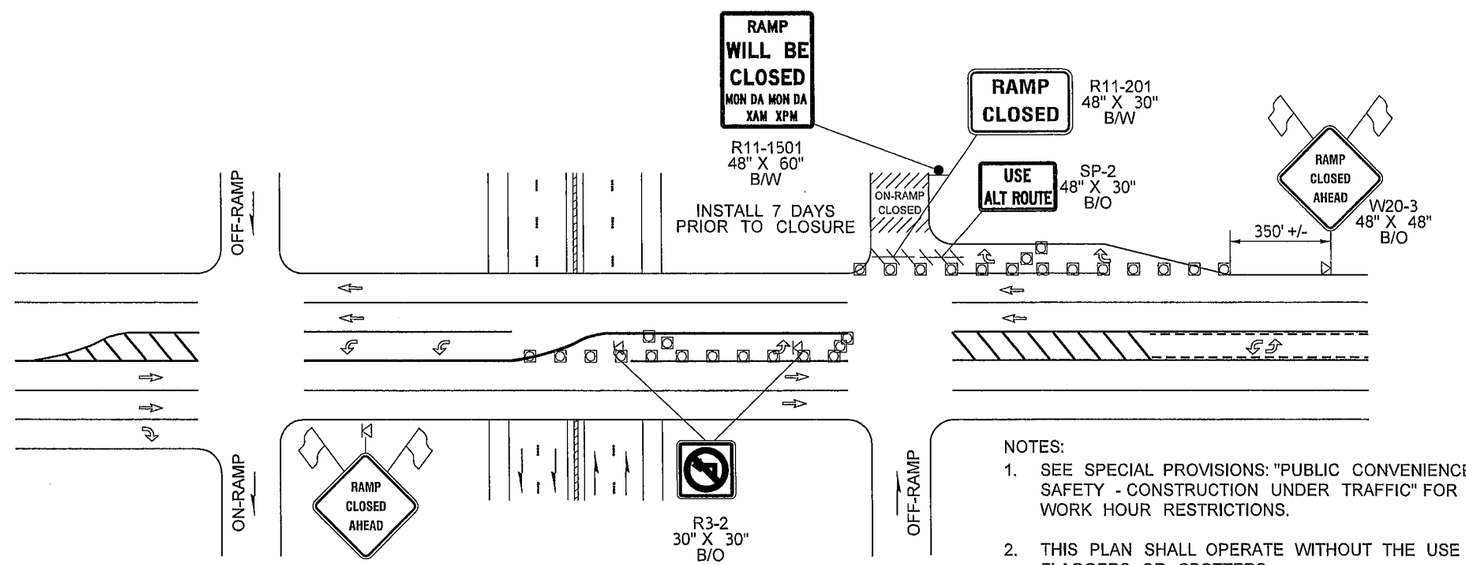
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

PCMS	
1	2
EXIT XXX CLOSED	USE EXIT XXX
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



TYPICAL OFF-RAMP CLOSURE



TYPICAL ON-RAMP CLOSURE

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/65	40	80
35/45	30	60
25/30	20	40

TYPICAL SHORT TERM ON-RAMP OR OFF-RAMP CLOSURES

NOT TO SCALE

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - TEMPORARY MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- CHANNELIZING DEVICE
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WARNING FLAG - FLUORESCENT RED / ORANGE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CONSTRUCTION SIGN INSTALLATION.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. WHEN USED, DEVICE SPACING FOR THE DOWNSTREAM TAPER SHOULD BE 20' O.C.
6. DEVICES SHALL NOT ENCROACH INTO ADJACENT LANE.

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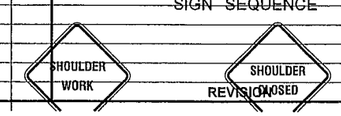
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

SIGN SEQUENCE



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CLOSURE

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
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Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD7

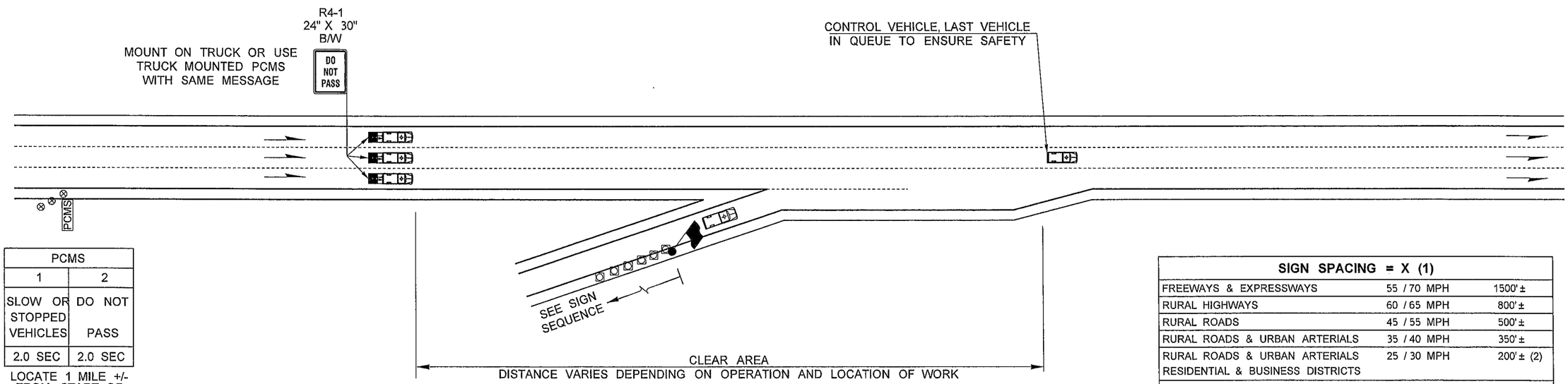
SHEET 1719 OF 1763 SHEETS

ROLLING SLOWDOWN CALCULATIONS:
T = TIME NEEDED WITH NO TRAFFIC IN GAP (MINUTES)
Vs = SPEED OF BLOCKADE VEHICLES (RECOMMENDED 20 mph MINIMUM)
Vc = SPEED OF "CHASE" VEHICLE (GENERALLY POSTED SPEED)
G = GAP NEEDED (IN MILES) = T(Vs/60)
C = CLEAR TIME NEEDED TO CREATE THE GAP (IN MINUTES) = G/(Vc/60-Vs/60)
D = DISTANCE FROM THE WORK AREA TO THE START OF SLOWDOWN (IN MILES) = C(Vc/60)

EXAMPLE: A 10 MINUTE WORK WINDOW AT 50 MPH

T=10, Vs=20, Vc=50

G = 10 (20/60) = 3.3 MILES
C = 3.3/(50/60-20/60) = 6.6 MINUTE
D = 6.6 (50/60) = 5.5 MILE



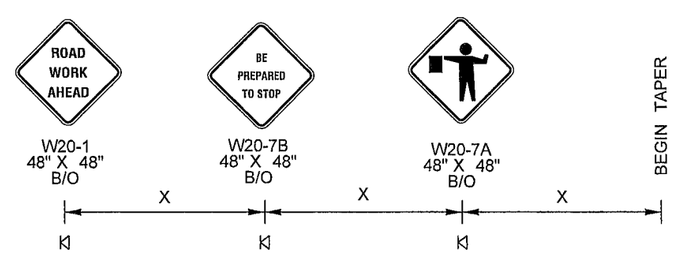
PCMS	
1	2
SLOW OR STOPPED VEHICLES	DO NOT PASS
2.0 SEC	2.0 SEC

LOCATE 1 MILE +/- FROM START OF ROLLING SLOWDOWN

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500'±
RURAL HIGHWAYS	60 / 65 MPH	800'±
RURAL ROADS	45 / 55 MPH	500'±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200'± (2)
URBAN STREETS	25 MPH OR LESS	100'± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

SIGN SEQUENCE



ROLLING SLOWDOWN

NOT TO SCALE

LEGEND

- SIGN LOCATION - TEMPORARY MOUNT
- TRAFFIC SAFETY DRUM
- CHANNELIZING DEVICE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- PROTECTIVE VEHICLE
- TRANSPORTABLE ATTENUATOR
- FLAGGER STATION

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE STANDARD SPECIFICATION 1-10.3(1)A.
3. ALL WORK VEHICLES SHALL USE WARNING BEACONS
4. ALL ON-RAMP TRAFFIC SHALL BE STOPPED DURING SLOWDOWN

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DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

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Washington State Department of Transportation

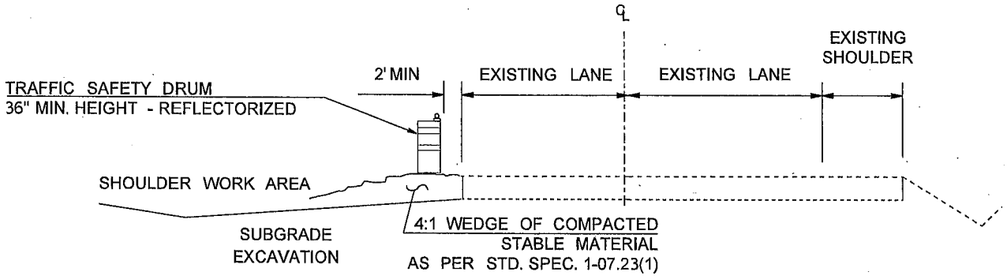
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD8

SHEET 1720 OF 1763 SHEETS

SHOULDER PROTECTION



NOTES:

1. SHOULDER EXCAVATION SHALL BE LIMITED TO ONE SIDE OF THE ROADWAY AT A TIME.
2. TYPE "C" STEADY BURN LIGHTS ARE RECOMMENDED ON CHANNELIZING DEVICES TO PROVIDE ADDITIONAL DELINEATION.
3. REFER TO STD. SPEC. 1-07.23 FOR ADDITIONAL DETAILS ON THE MITIGATION REQUIREMENTS FOR DROP OFF PROTECTION.

WARNING SIGNS

W21-1701
48" X 48"
B/O

REQUIRED WARNING SIGN-
LOCATE AS NEEDED FOR SITE CONDITIONS

W21-801
48" X 48"
B/O

W8-2001
48" X 48"
B/O

W8-1801
48" X 48"
B/O

W8-1
48" X 48"
B/O

MOTORCYCLE WARNING SIGN (W21-1701) SHOULD BE INSTALLED AT 1 MILE SPACING, THROUGHOUT THE WORK ZONE WHERE THE CONDITION EXISTS, AS PART OF A SEQUENCE OF OTHER APPROPRIATE STANDARD WARNING SIGNS ALSO, ON 1 MILE SPACING.

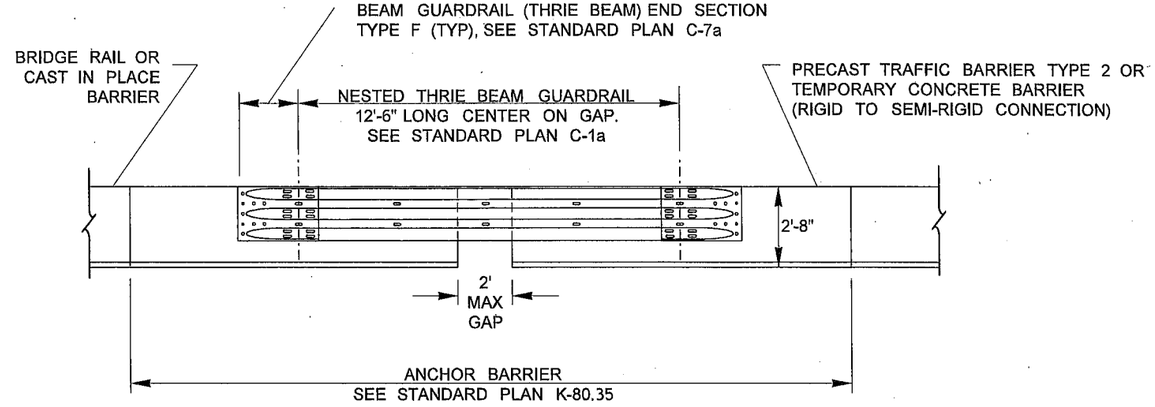
APPROVED TEMPORARY IMPACT ATTENUATORS

ENERGY ABSORPTION SYSTEMS INC.
- TRITON CET
- REACT 350, REACT 350 WIDE
- QUADGUARD CZ
- SAFE STOP 180 (TMA)

TRINITY INDUSTRIES
- ADIEM 350
- MPS-350 III (TMA)

SCI PRODUCTS, INC.
- SCI 100 GM

TEMPORARY BARRIER CONNECTION



TYPE 1

NOTES:

1. CONCRETE BARRIER ANCHORING, SEE STANDARD PLAN K-80.35.
2. ATTACH WOOD BLOCKING WITH 5/8 INCH DIAM. RESIN BONDED ANCHORS OR THIN SLAB FERRULE INSERTS. DEPTH OF BLOCK AS REQUIRED TO FIT WITHOUT GAPS.
3. REMOVAL INCLUDES PATCHING PERMANENT BARRIER IN ACCORDANCE WITH STANDARD SPECIFICATION 8-11.3(1)D.

MISCELLANEOUS DETAILS

NOT TO SCALE

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DESIGNED BY	F. SHULER
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PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

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Washington State Department of Transportation

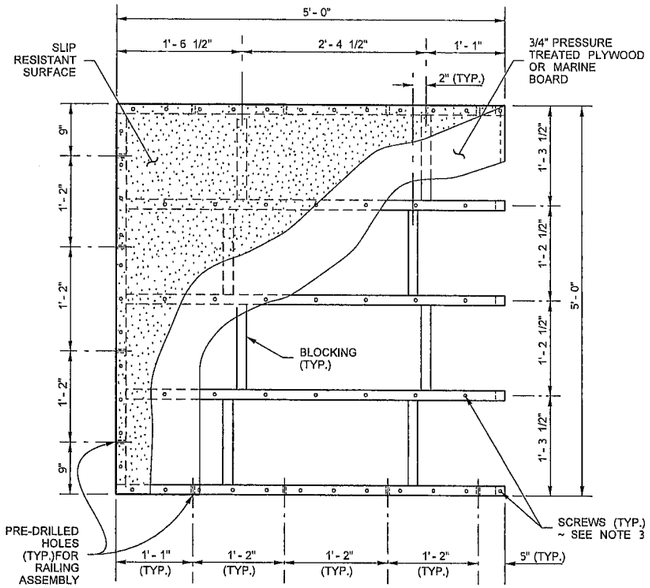
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD9

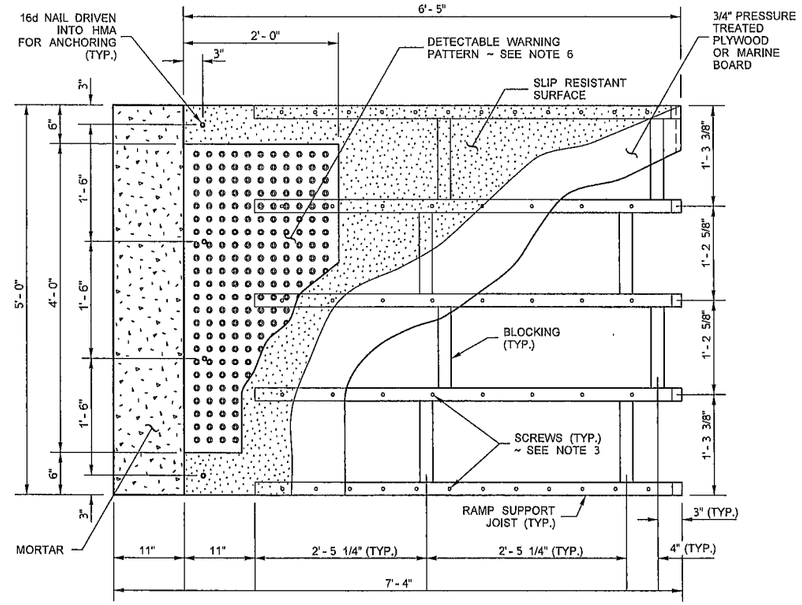
SHEET 1721 OF 1763 SHEETS

TEMPORARY PEDESTRIAN RAMP DETAIL



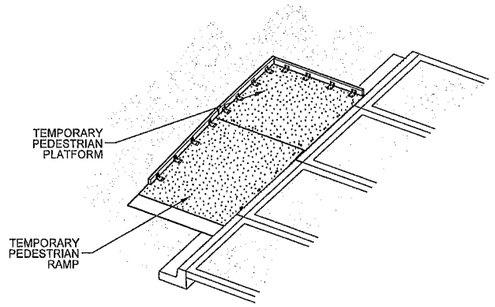
TOP VIEW

PLATFORM DETAIL

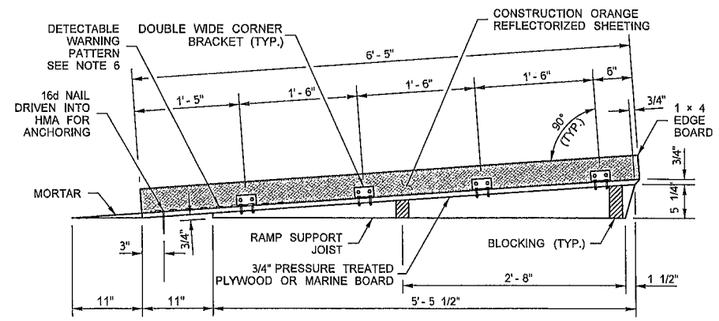


TOP VIEW

RAMP DETAIL

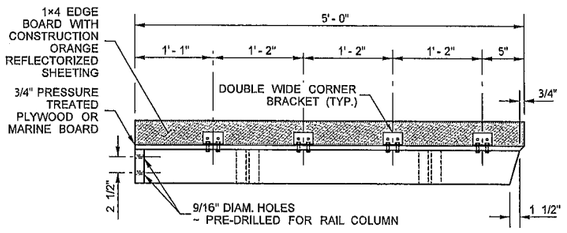


ISOMETRIC VIEW

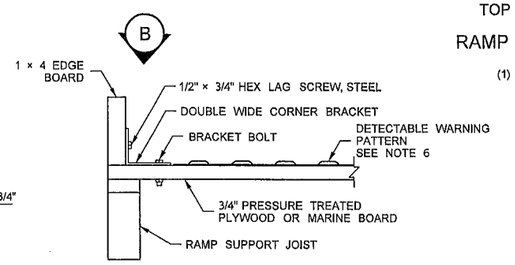


SIDE VIEW

RAMP AND EDGE BOARD

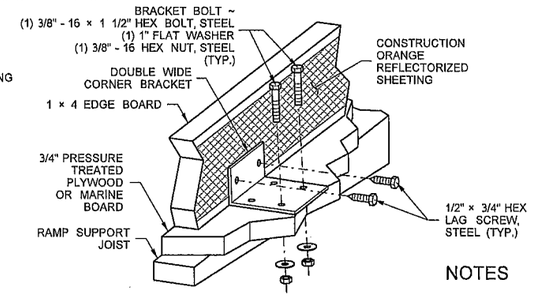


ELEVATION



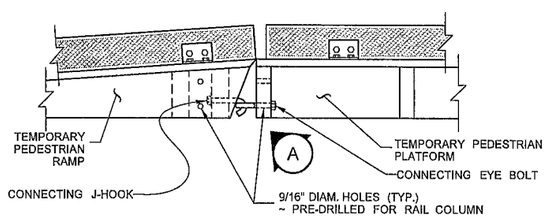
END VIEW

EDGE BOARD ATTACHMENT DETAIL



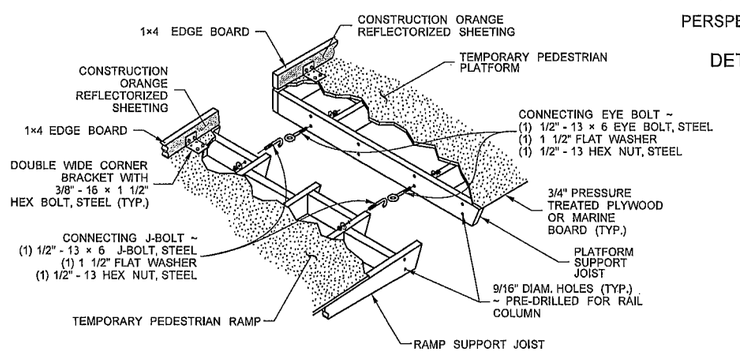
PERSPECTIVE VIEW

DETAIL B



SIDE VIEW

CONNECTION DETAIL



ISOMETRIC VIEW

DETAIL A

NOT TO SCALE

NOTES

1. All holes shown shall be drilled to facilitate re-use and flexible application.
2. This design assumes optimal conditions and a standard curb height of 6". Installed ramps shall be no steeper than 12H : 1V, and shall have a cross-slope of 2% or less. Use shims or grout as required to adjust for existing conditions and to prevent rocking. Shims shall be no higher than 1", and shall be secured to the ramp and/or platform. For curbs shorter than 6", install a ramp on the sidewalk, no steeper than 12H : 1V, made of grout or as approved by the engineer. Adjustments to the platform dimensions shown may be required to match existing conditions.
3. Screws shall be used to secure the ramp surface. Spacing shall be in accordance with the current building code.
4. All fasteners shall be galvanized.
5. Use a slip-resistant treatment for surface of Ramp.
6. The Detectable Warning Pattern shall be installed only when the intent is to guide pedestrians directly across the roadway (crosswalk). See Standard Plan F-40.10 for details.
7. Do not install a Hand Railing if using the Edge Board option.

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DESIGNED BY	F. SHULER						
ENTERED BY	F. SHULER						
CHECKED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

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Washington State Department of Transportation

I-5

M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD10

SHEET 1722 OF 1763 SHEETS

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)										
SHOULDER WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
8'	40	40	60	90	120	130	150	160	170	190
10'	40	60	90	90	150	170	190	200	220	240
USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.										

MINIMUM LANE CLOSURE TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	495	550	605	660	-	-
12	-	-	-	-	540	600	660	720	780	840

SIGN SPACING = X (1)		
FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ±
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS & URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

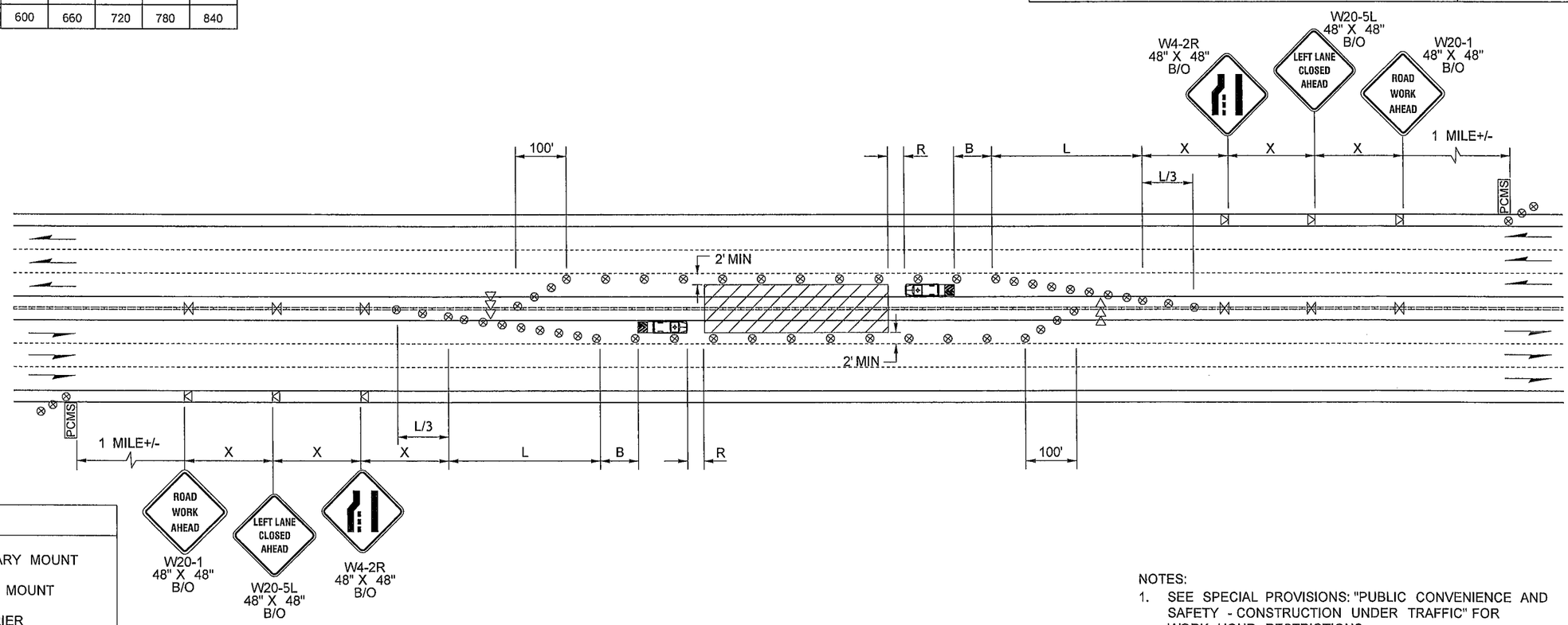
CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	-

BUFFER VEHICLE ROLL AHEAD DISTANCE = R	
TRANSPORTABLE ATTENUATOR MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.	30 FEET MIN. TO 100 FOOT MAX.
PROTECTIVE VEHICLE MAY BE A WORK VEHICLE STRATEGICALLY LOCATED TO SHIELD THE WORK AREA.	NO SPECIFIED DISTANCE REQUIRED

PCMS	
1	2
LEFT LANE CLOSED	TWO MILES AHEAD
2.0 SEC	2.0 SEC

LOCATE AS SHOWN



LEGEND	
	SIGN LOCATION - TEMPORARY MOUNT
	SIGN LOCATION - BARRIER MOUNT
	EXISTING CONCRETE BARRIER
	TRAFFIC SAFETY DRUM
	SEQUENTIAL ARROW SIGN - TYPE C
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	TRANSPORTABLE ATTENUATOR
	WORK AREA

LEFT SINGLE LANE CLOSURES FOR MEDIAN WORK

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. USE TRANSVERSE DEVICES IN CLOSED LANE EVERY 1000'.
4. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.
5. SIGNING SHALL ALSO BE PLACED ON ON-RAMPS IF THEY FALL WITHIN MAINLINE SIGNING SEQUENCE.

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TIME	7:39:30 AM
DATE	2/14/2014
PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

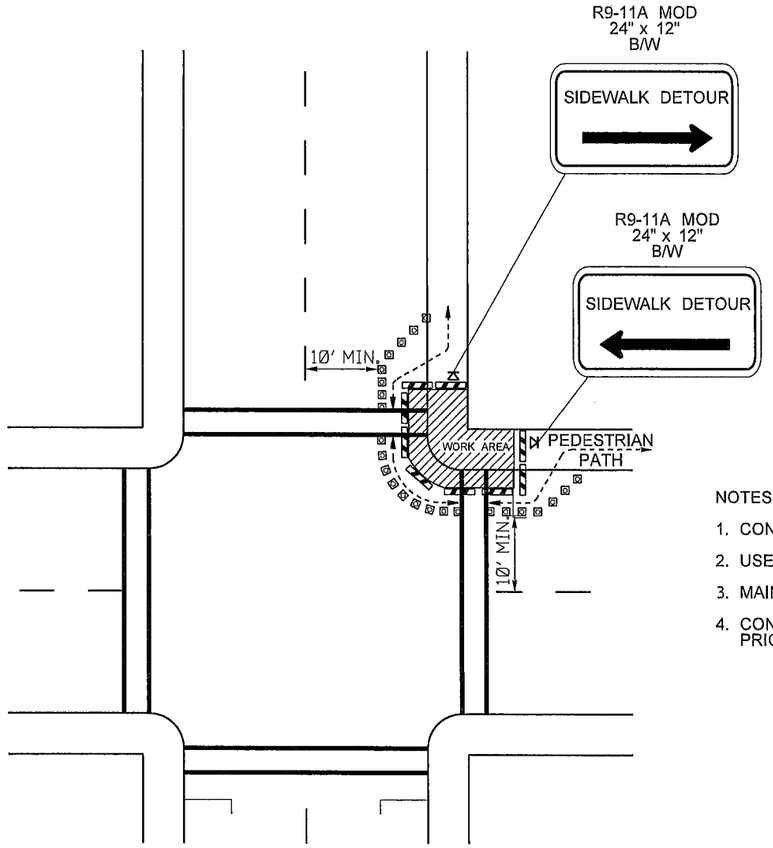
Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO TCD11

SHEET 1723 OF 1763 SHEETS



PEDESTRIAN DETOUR
(NON-WORKING HOURS)

NOTES

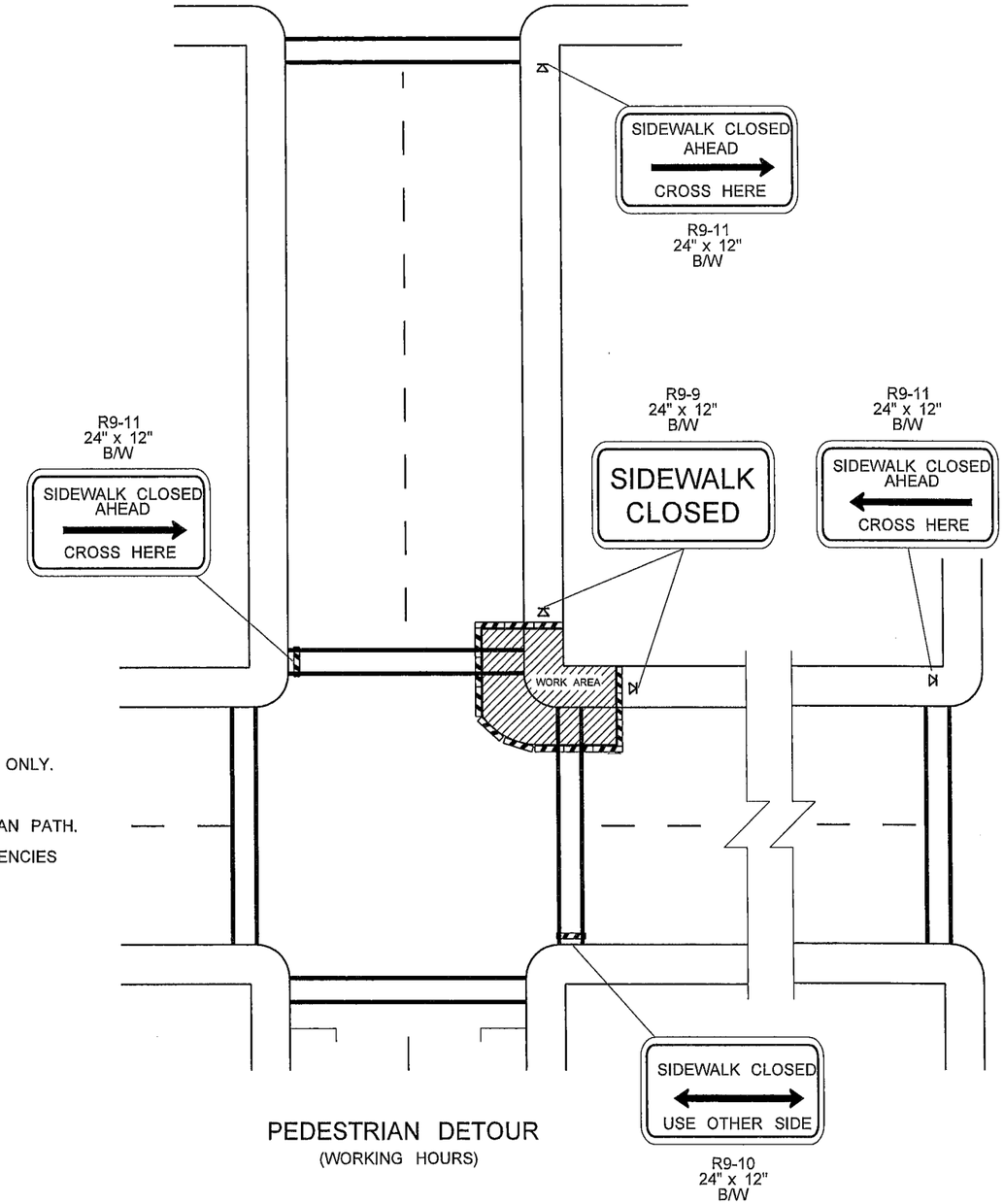
1. CONTROLS SHOWN ARE FOR PEDESTRIAN TRAFFIC ONLY.
2. USE WARNING LIGHTS ON BARRICADES.
3. MAINTAIN A MINIMUM WIDTH OF 36" FOR PEDESTRIAN PATH.
4. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIES PRIOR TO IMPLEMENTING ANY CLOSURES.

LEGEND

SIGN LOCATION

CHANNELIZING DEVICES

TYPE II BARRICADE



PEDESTRIAN DETOUR
(WORKING HOURS)

PEDESTRIAN TRAFFIC CONTROL

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Typical & Other Sheets\P3497_SH_TCD_12.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	7:39:33 AM				JOB NUMBER		
DATE	2/14/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

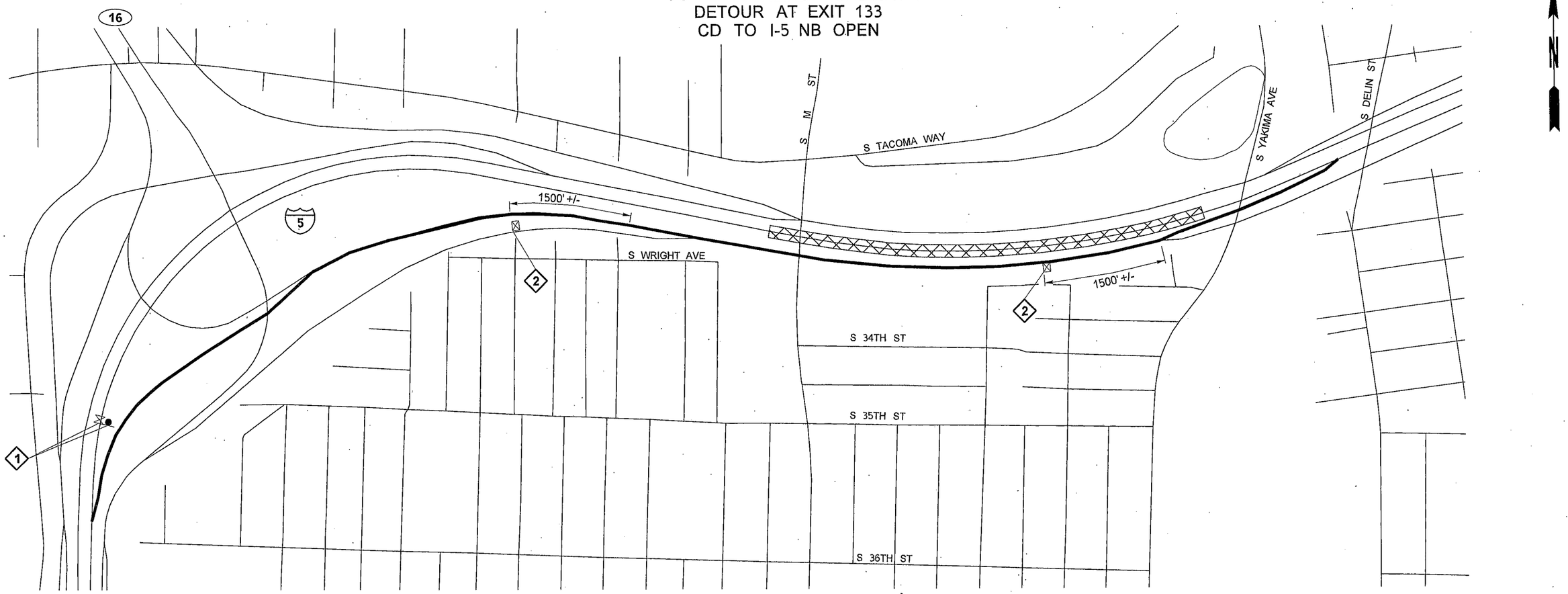
I-5
M ST TO PORTLAND AVE - HOV

TRAFFIC CONTROL DETAIL

PLAN REF NO
TCD12

SHEET 1724 OF 1763 SHEETS

I-5 NB MAINLINE ROADWAY
DETOUR AT EXIT 133
CD TO I-5 NB OPEN



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC125 FOR I-5 NB MAINLINE CLOSURE AT EXIT 133
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU7, DU10, DU19, DU24, DU28, DU30 AND DU33.

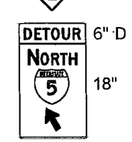
LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- WORK AREA

1

R11-1501 MOD
48" X 60"
B/W

2



M8-101 MOD
36" X 60"
B/O

INSTALL 8 DAYS PRIOR TO CLOSURE

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_01.dgn						
TIME	3:40:55 PM						
DATE	4/17/2014						
PLOTTED BY	WentzD						
DESIGNED BY	F. SHULER						
ENTERED BY	F. SHULER						
CHECKED BY	D. WENTZ						
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW			
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

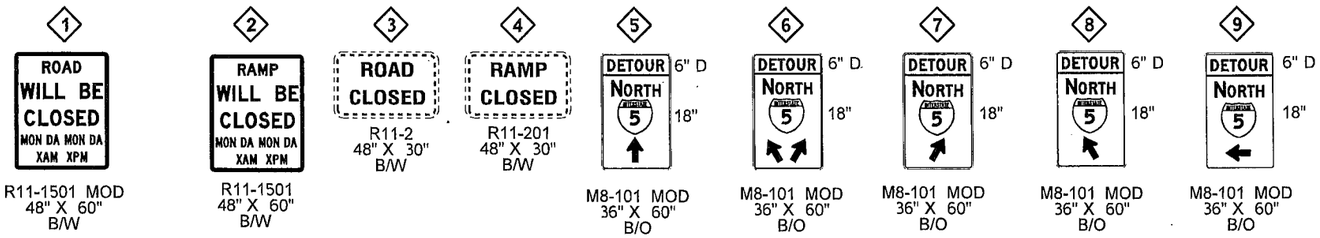
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU1

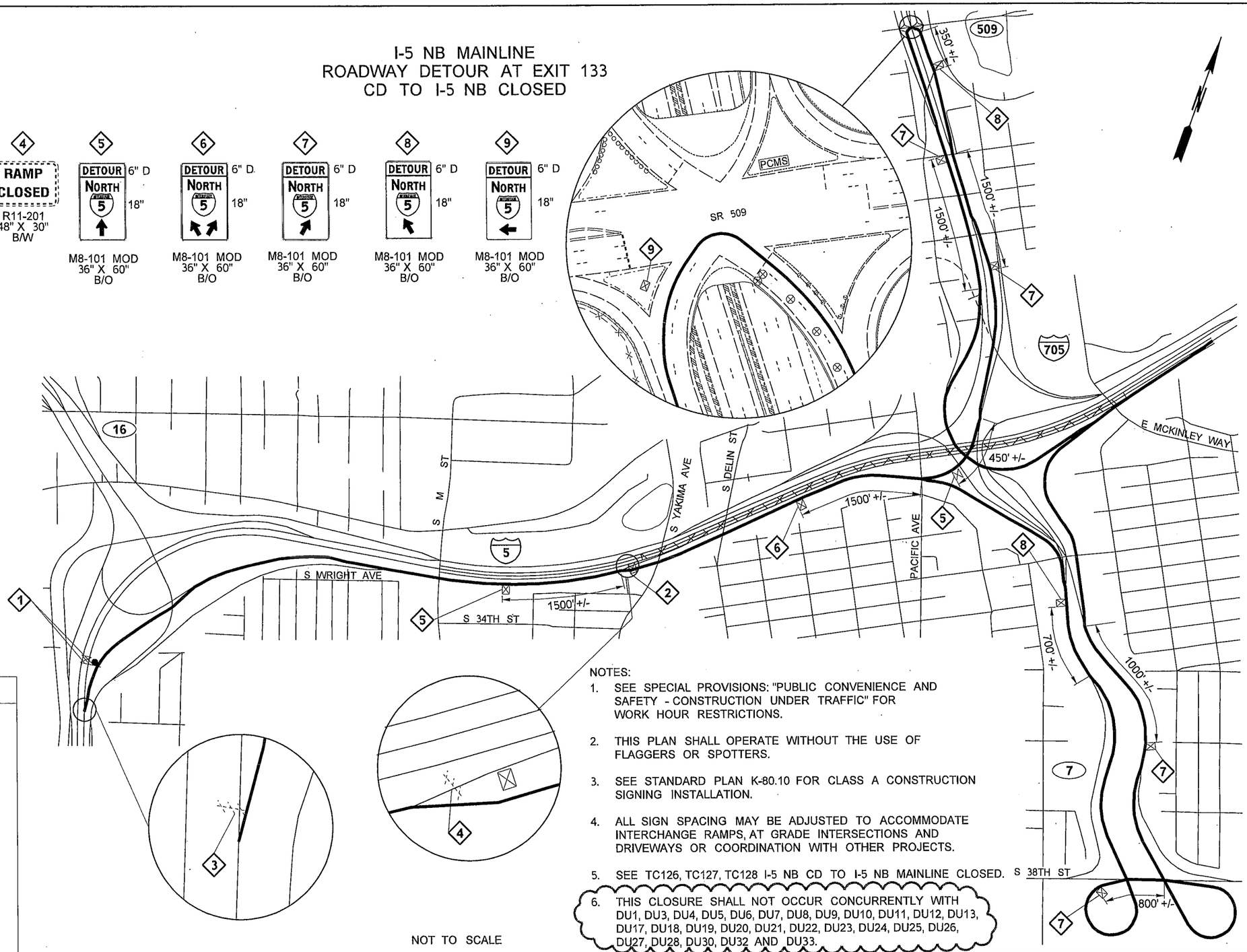
SHEET 1725 OF 1763 SHEETS

I-5 NB MAINLINE
ROADWAY DETOUR AT EXIT 133
CD TO I-5 NB CLOSED



PCMS	
1	2
I5 NORTH FOLLOW DETOUR	USE SOUTH HWY 705
2.0 SEC	2.0 SEC

LOCACTE AS SHOWN



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC126, TC127, TC128 I-5 NB CD TO I-5 NB MAINLINE CLOSED.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU30, DU32 AND DU33.

NOT TO SCALE

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- EXISTING TYPE 3 BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA

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TIME	3:40:57 PM			
DATE	4/17/2014			
PLOTTED BY	WentzD			
DESIGNED BY	F. SHULER			
ENTERED BY	F. SHULER			
CHECKED BY	D. WENTZ			
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.	LOCATION NO. XL3497	

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

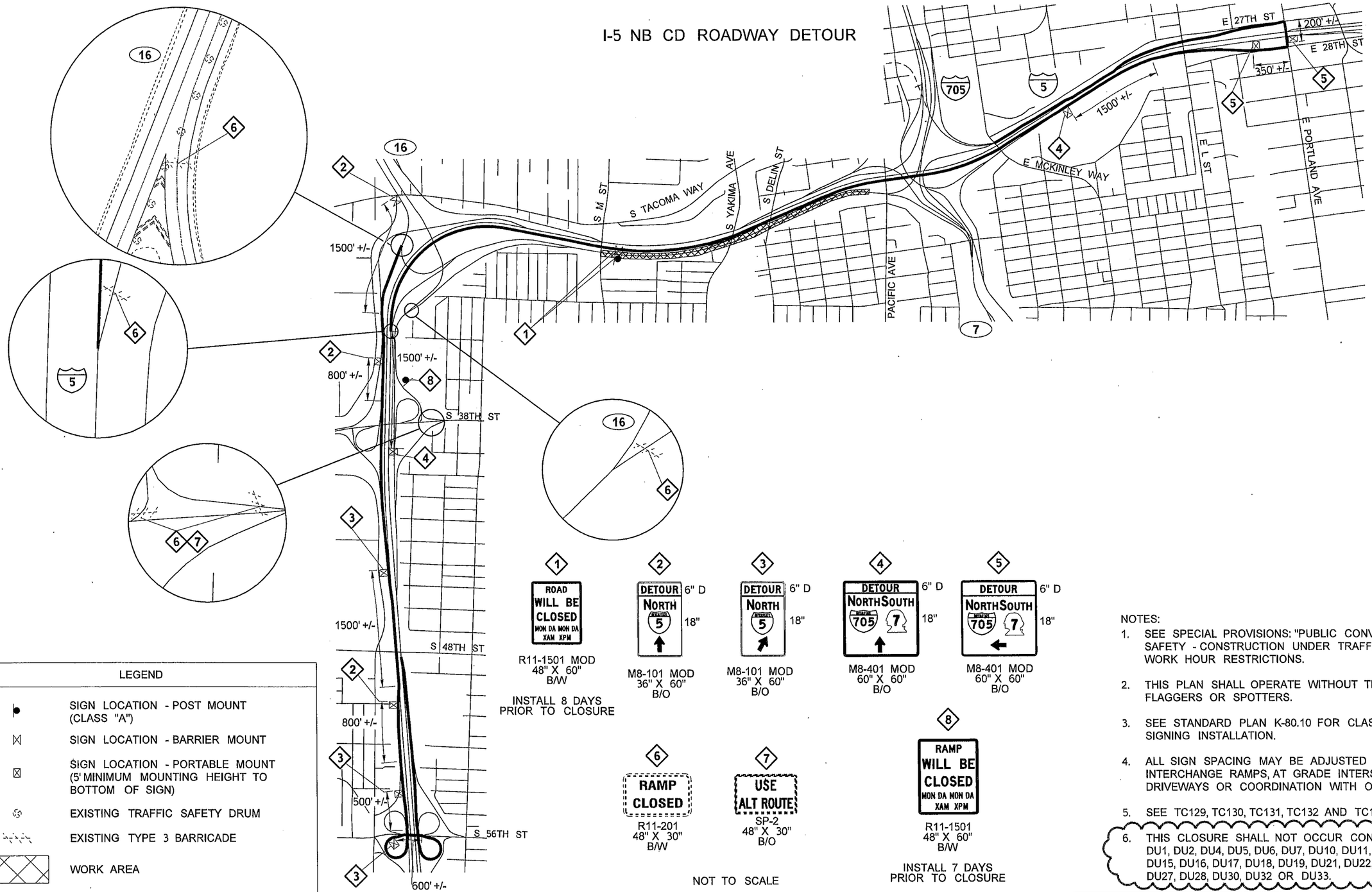
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN- REF NO DU2

SHEET 1726 OF 1763 SHEETS

I-5 NB CD ROADWAY DETOUR



LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TRAFFIC SAFETY DRUM
- EXISTING TYPE 3 BARRICADE
- WORK AREA

1 — ROAD WILL BE CLOSED MON DA MON DA XAM XPM
R11-1501 MOD 48" X 60" B/W
INSTALL 8 DAYS PRIOR TO CLOSURE

2 — DETOUR NORTH 5 (6" D, 18")
M8-101 MOD 36" X 60" B/O

3 — DETOUR NORTH 5 (6" D, 18")
M8-101 MOD 36" X 60" B/O

4 — DETOUR NORTH SOUTH 705 7 (6" D, 18")
M8-401 MOD 60" X 60" B/O

5 — DETOUR NORTH SOUTH 705 7 (6" D, 18")
M8-401 MOD 60" X 60" B/O

6 — RAMP CLOSED
R11-201 48" X 30" B/W

7 — USE ALT ROUTE
SP-2 48" X 30" B/O

8 — RAMP WILL BE CLOSED MON DA MON DA XAM XPM
R11-1501 48" X 60" B/W
INSTALL 7 DAYS PRIOR TO CLOSURE

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC129, TC130, TC131, TC132 AND TC133 FOR DETAILS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU4, DU5, DU6, DU7, DU10, DU11, DU12, DU13, DU14, DU15, DU16, DU17, DU18, DU19, DU21, DU22, DU23, DU24, DU25, DU27, DU28, DU30, DU32 OR DU33.

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TIME	3:40:59 PM				
DATE	4/17/2014				
PLOTTED BY	WentzD				
DESIGNED BY	F. SHULER				
ENTERED BY	F. SHULER				
CHECKED BY	D. WENTZ				
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW	
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

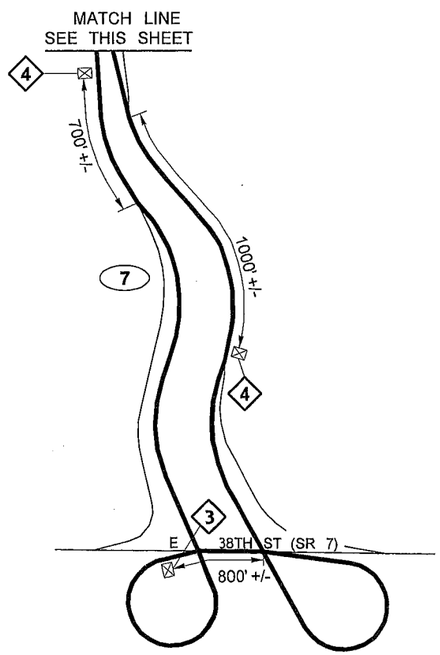
I-5
M ST TO PORTLAND AVE - HOV

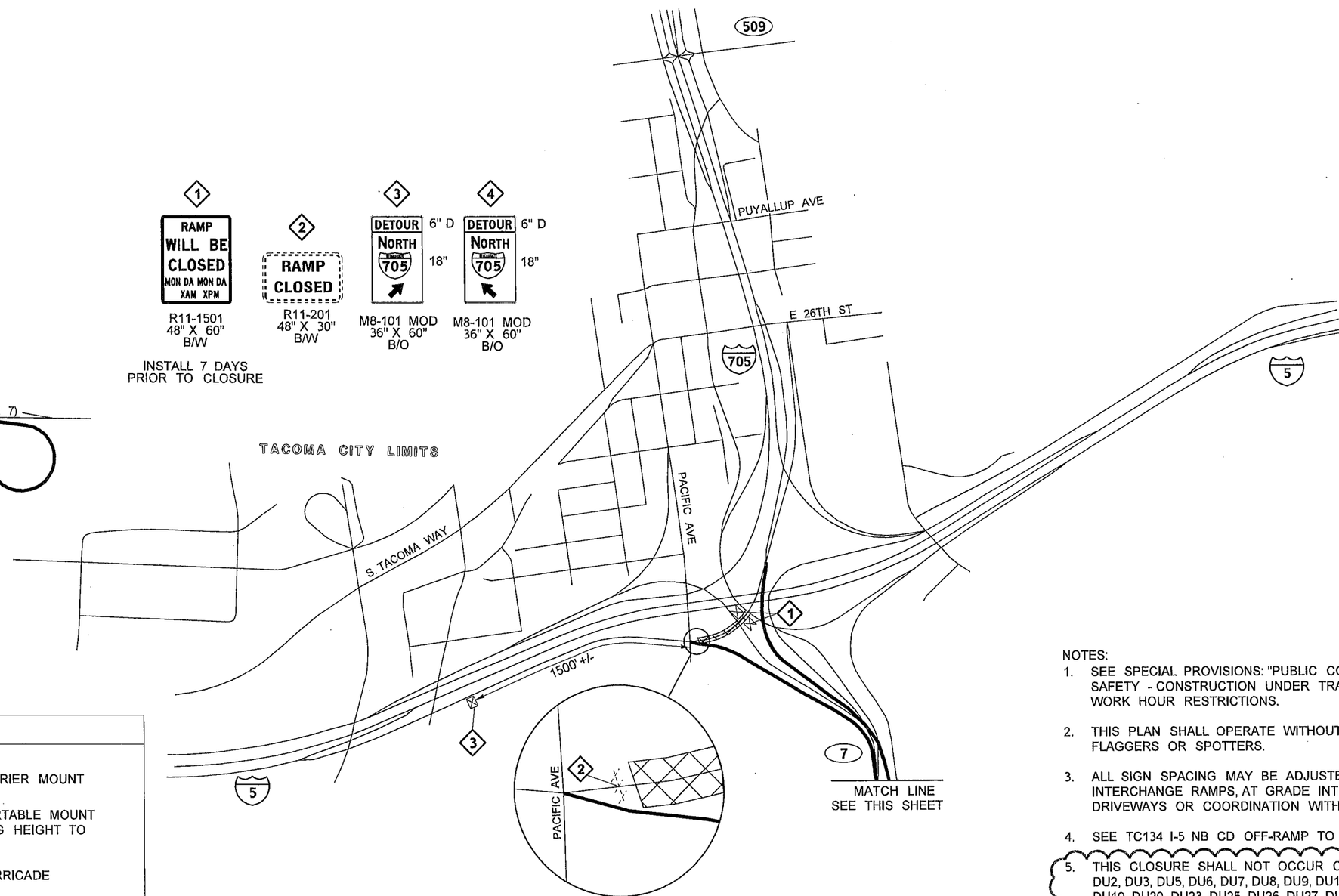
DETOUR PLAN

PLAN REF NO DU3

SHEET 1727 OF 1763 SHEETS

I-5 NB CD OFF-RAMP TO I-705 NB DETOUR





NOT TO SCALE

LEGEND

- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC134 I-5 NB CD OFF-RAMP TO I-705 NB CLOSURE.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU5, DU6, DU7, DU8, DU9, DU10, DU12, DU13, DU18, DU19, DU20, DU23, DU25, DU26, DU27, DU30, DU32 OR DU33.

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TIME	3:41:01 PM				REGION NO. 10	STATE WASH
DATE	4/17/2014				JOB NUMBER	
PLOTTED BY	WentzD					
DESIGNED BY	A. DORROUGH				CONTRACT NO.	
ENTERED BY	A. DORROUGH					
CHECKED BY	D. WENTZ					
PROJ. ENGR.	J. PEREZ	AD1 UPDATE DU CONFLICTS	4/25/2014	DW		
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

FED.AID PROJ.NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU4

SHEET 1728 OF 1763 SHEETS

I-5 NB CD OFF-RAMP TO SR 7 SB DETOUR

PCMS	
1	2
HWY 7 FOLLOW DETOUR	USE HWY 705 SOUTH
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

1 — RAMP WILL BE CLOSED MON DA MON DA XAM XPM — R11-1501 48" X 60" B/W

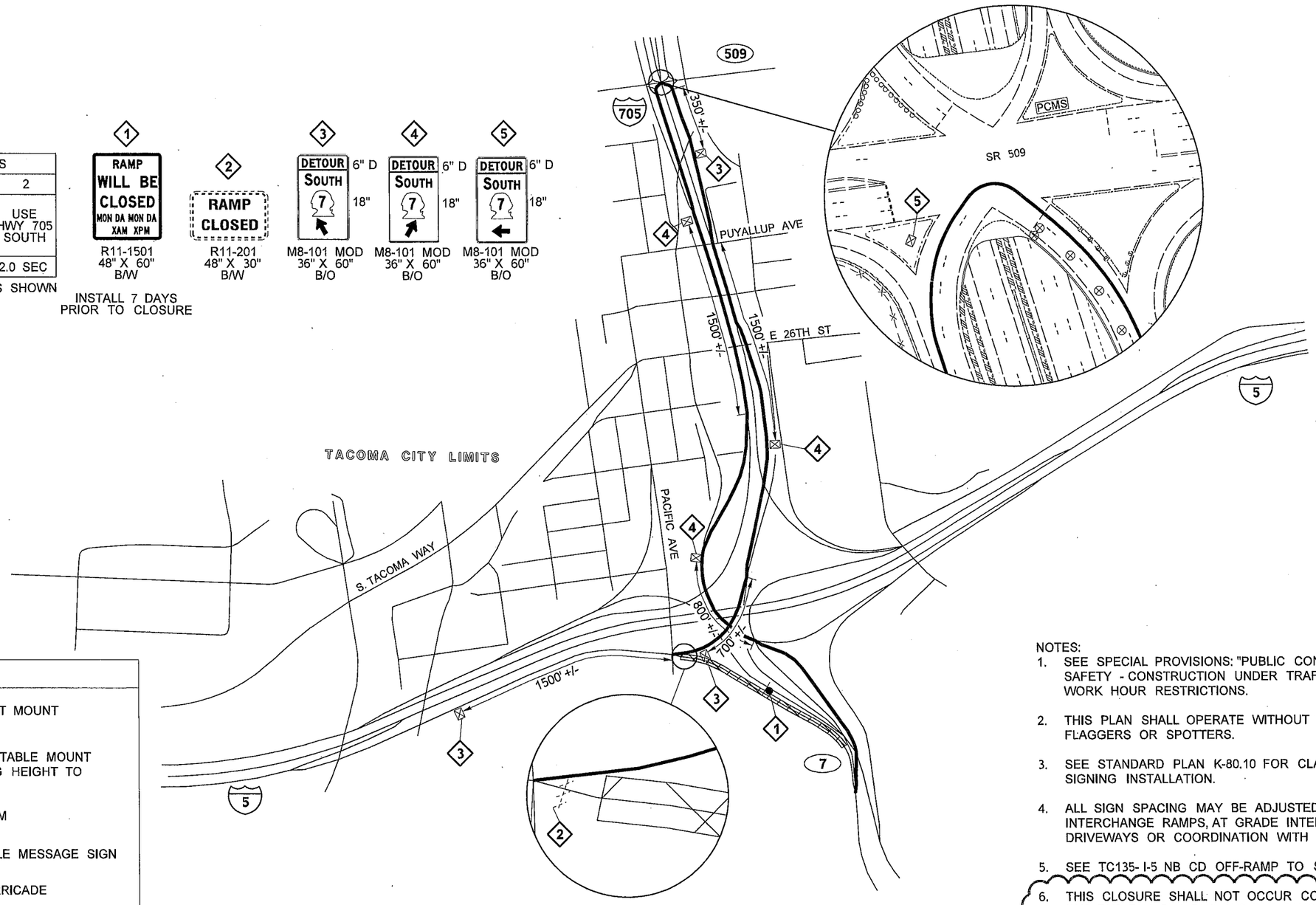
2 — RAMP CLOSED — R11-201 48" X 30" B/W

3 — DETOUR SOUTH 7 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

4 — DETOUR SOUTH 7 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

5 — DETOUR SOUTH 7 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

INSTALL 7 DAYS PRIOR TO CLOSURE



NOT TO SCALE

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC135- I-5 NB CD OFF-RAMP TO SR7 SB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU6, DU7, DU8, DU9, DU10, DU12, DU13, DU17 DU18 DU19, DU20, DU23, DU25, DU26, DU27, DU30, DU32 OR DU33.

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TIME	3:41:03 PM					
DATE	4/17/2014					
PLOTTED BY	WentzD					
DESIGNED BY	A. DORROUGH					
ENTERED BY	A. DORROUGH					
CHECKED BY	D. WENTZ					
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW		
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO. 10 — STATE WASH — FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-5

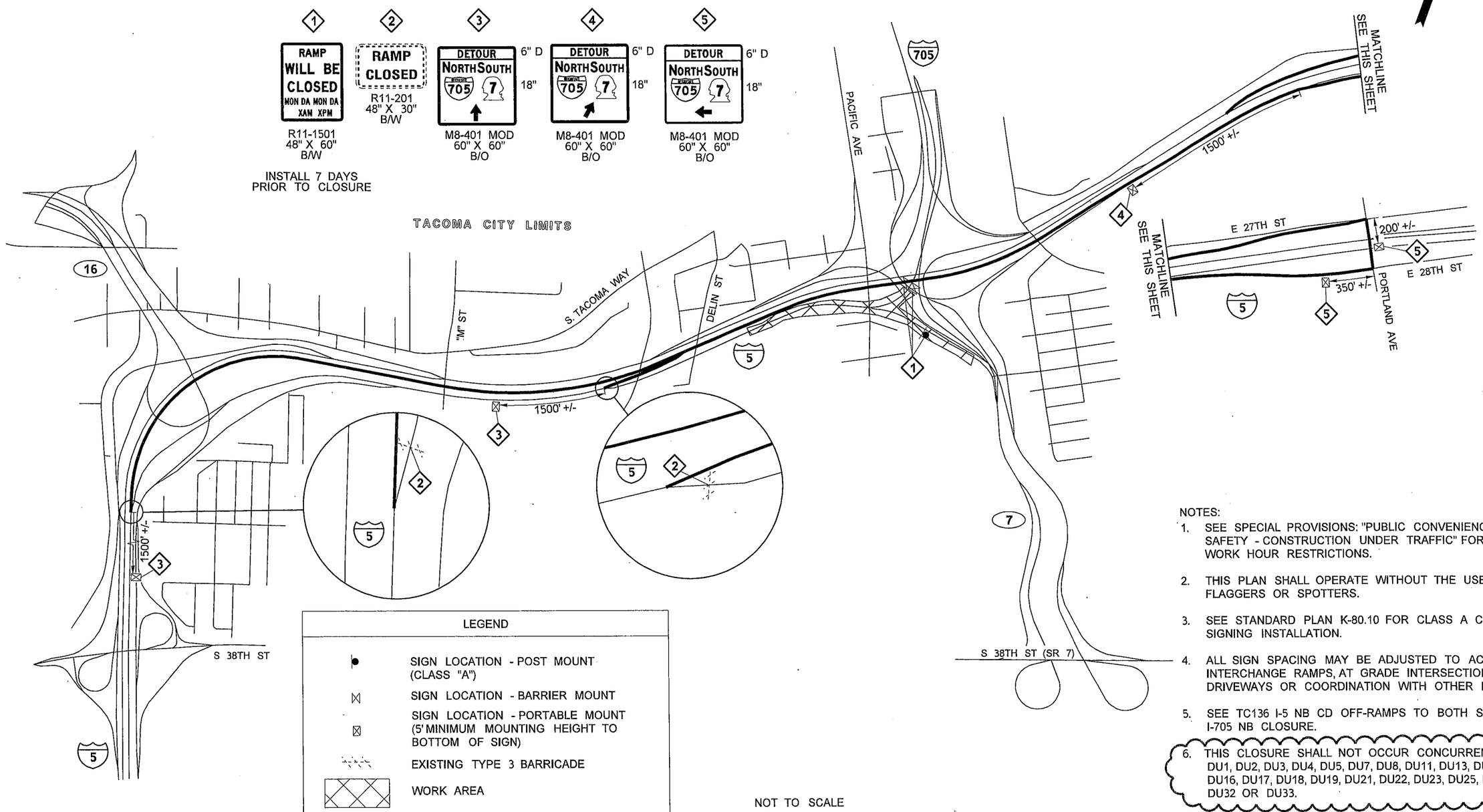
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU5

SHEET 1729 OF 1763 SHEETS

I-5 NB CD OFF-RAMPS TO BOTH SR 7 SB AND I-705 NB DETOUR



NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC136 I-5 NB CD OFF-RAMPS TO BOTH SR7 SB AND I-705 NB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU4, DU5, DU7, DU8, DU11, DU13, DU14, DU15, DU16, DU17, DU18, DU19, DU21, DU22, DU23, DU25, DU27, DU30, DU32 OR DU33.

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DATE	4/17/2014					
PLOTTED BY	WentzD					
DESIGNED BY	A. DORROUGH					
ENTERED BY	A. DORROUGH					
CHECKED BY	D. WENTZ				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2013	DW		XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

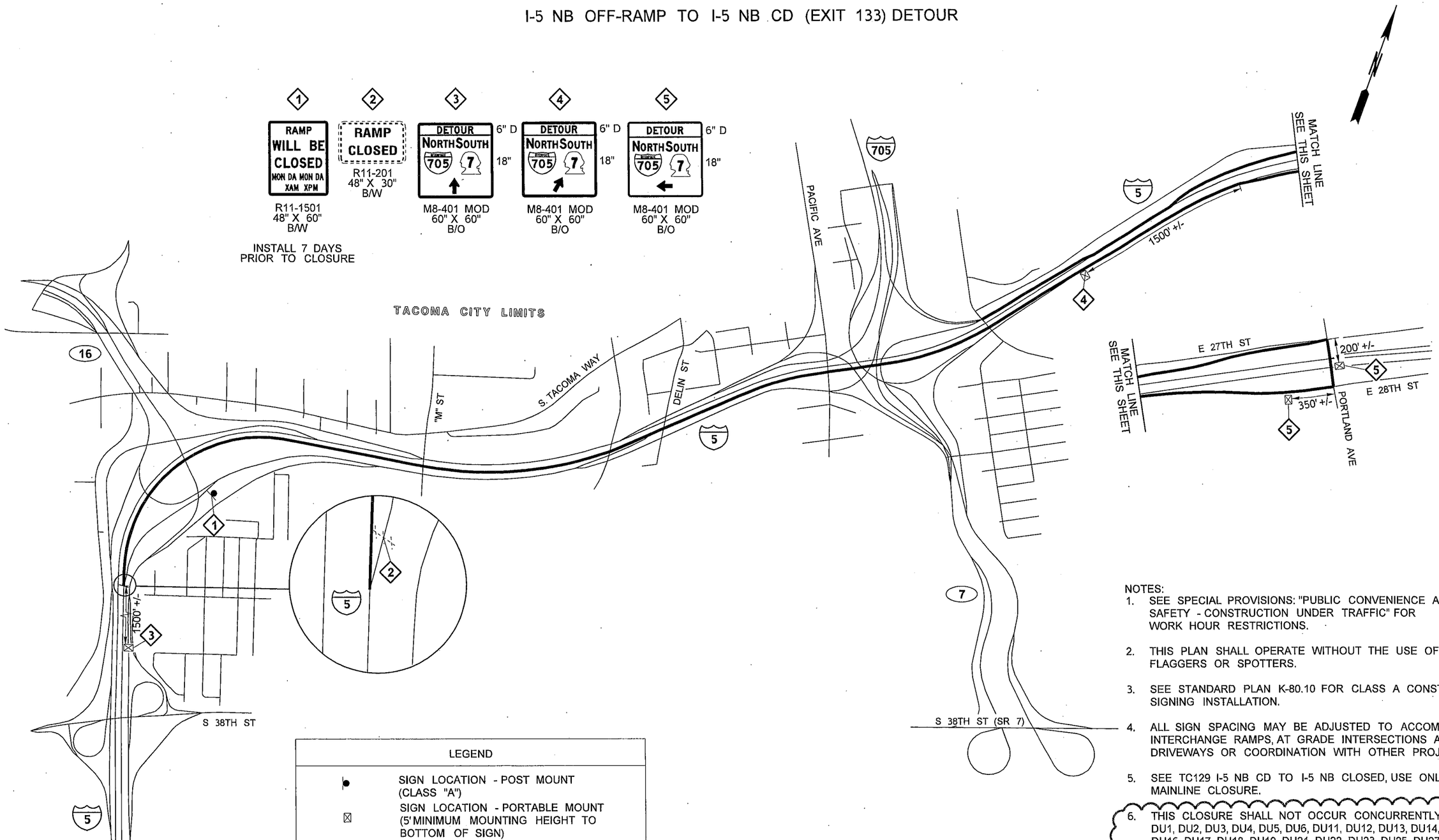
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU6

SHEET 1730 OF 1763 SHEETS

I-5 NB OFF-RAMP TO I-5 NB CD (EXIT 133) DETOUR



NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC129 I-5 NB CD TO I-5 NB CLOSED, USE ONLY MAINLINE CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU4, DU5, DU6, DU11, DU12, DU13, DU14, DU15, DU16, DU17, DU18, DU19, DU21, DU22, DU23, DU25, DU27, DU30, DU32 OR DU33.

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PLOTTED BY	WentzD				
DESIGNED BY	A. DORROUGH				
ENTERED BY	A. DORROUGH				
CHECKED BY	D. WENTZ				
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW	
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

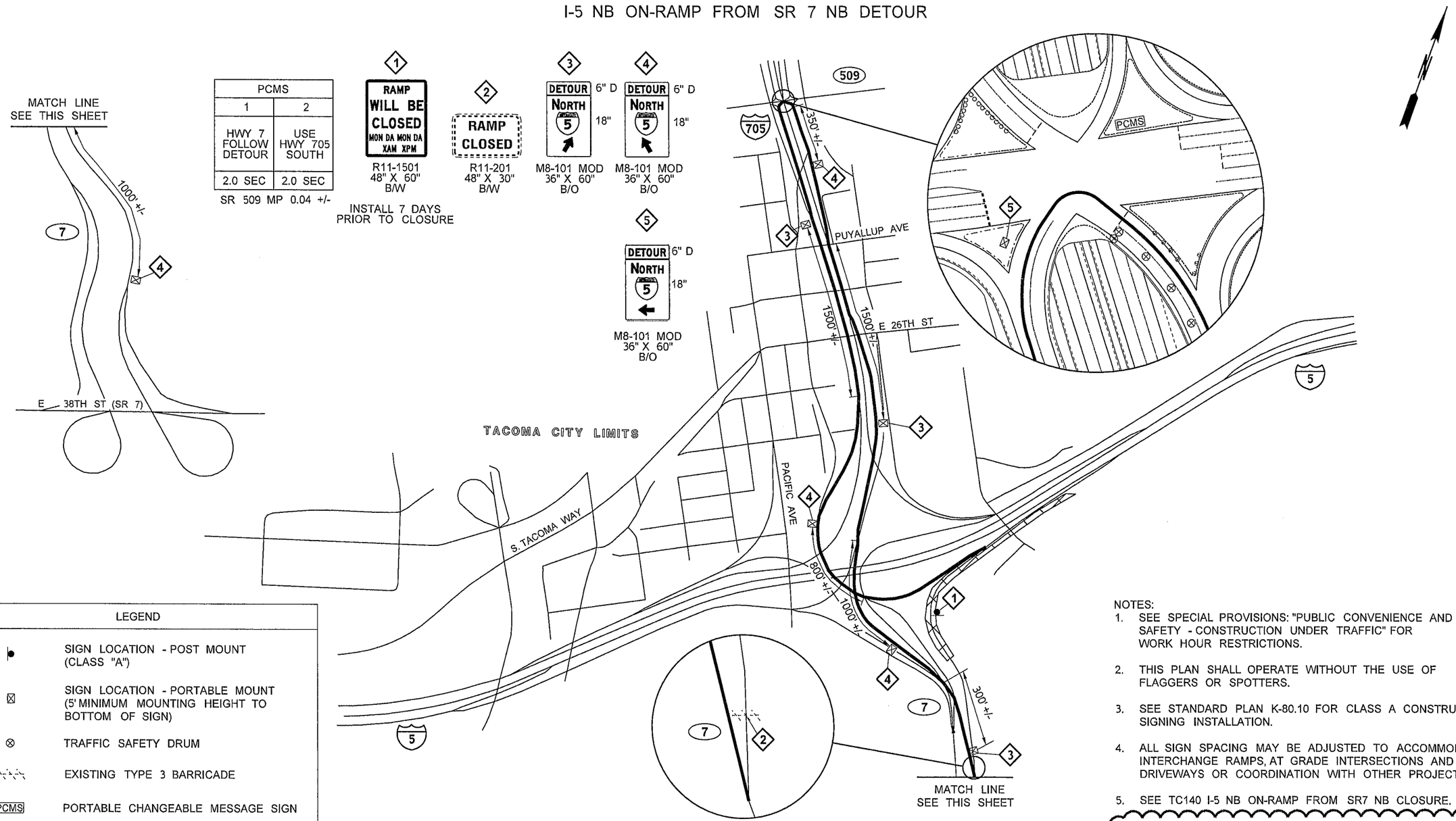
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU7

SHEET 1731 OF 1763 SHEETS

I-5 NB ON-RAMP FROM SR 7 NB DETOUR



NOT TO SCALE

LEGEND

●	SIGN LOCATION - POST MOUNT (CLASS "A")
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
	EXISTING TYPE 3 BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
	WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC140 I-5 NB ON-RAMP FROM SR7 NB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU9, DU10, DU12, DU13, DU17, DU18, DU20, DU21, DU23, DU25, DU26, DU27, DU28, DU30, DU32 OR DU33.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_08.dgn				
TIME	4:45:08 PM				
DATE	4/17/2014				
PLOTTED BY	SanchoA				
DESIGNED BY	A. DORROUGH				
ENTERED BY	A. DORROUGH				
CHECKED BY	D. WENTZ				
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW	
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

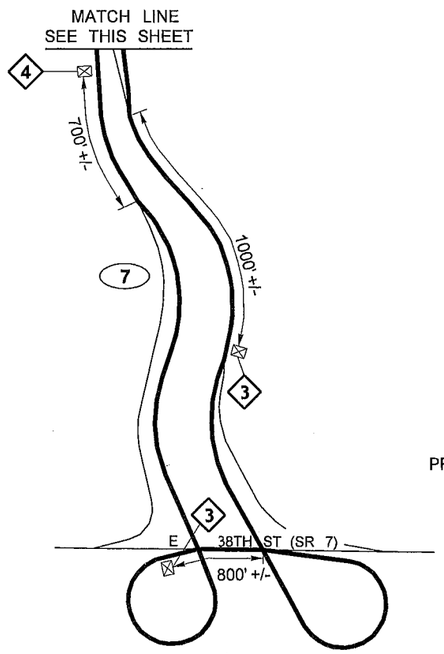
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

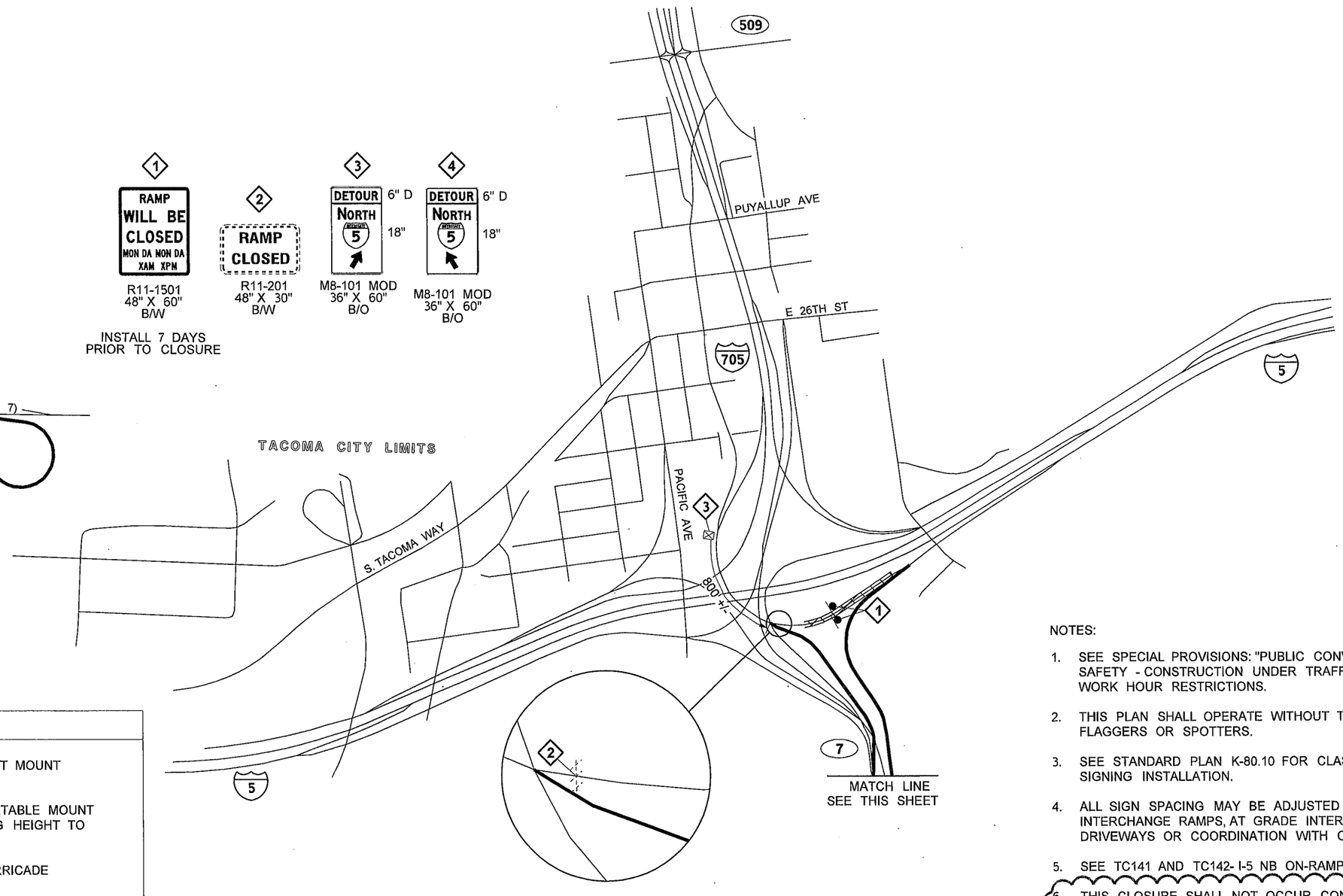
PLAN REF NO DU8

SHEET 1732 OF 1763 SHEETS

I-5 NB ON-RAMP FROM I-705 SB DETOUR



INSTALL 7 DAYS
PRIOR TO CLOSURE



NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC141 AND TC142- I-5 NB ON-RAMP FROM I-705 SB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU8, DU10, DU12, DU13, DU17, DU18, DU21, DU22, DU23, DU26, DU27, DU28, DU30, DU32 OR DU33.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_09.dgn					
TIME	3:41:12 PM					
DATE	4/17/2014					
PLOTTED BY	WentzD					
DESIGNED BY	A. DORROUGH					
ENTERED BY	A. DORROUGH					
CHECKED BY	D. WENTZ					
PROJ. ENGR.	J. PEREZ	AD1 UPDATE DU CONFLICTS	4/25/2014	DW		
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

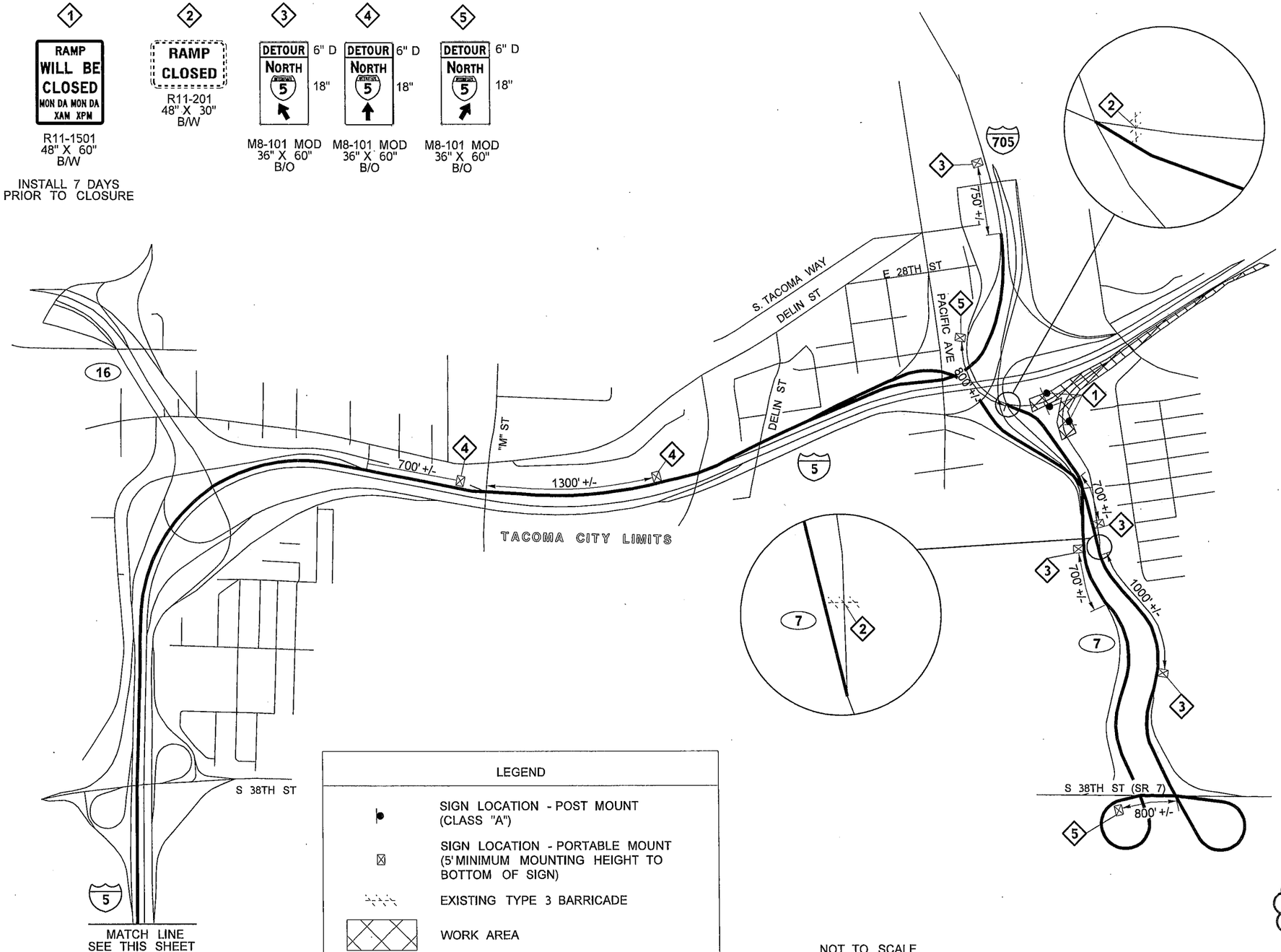
I-5
M ST TO PORTLAND AVE - HOV

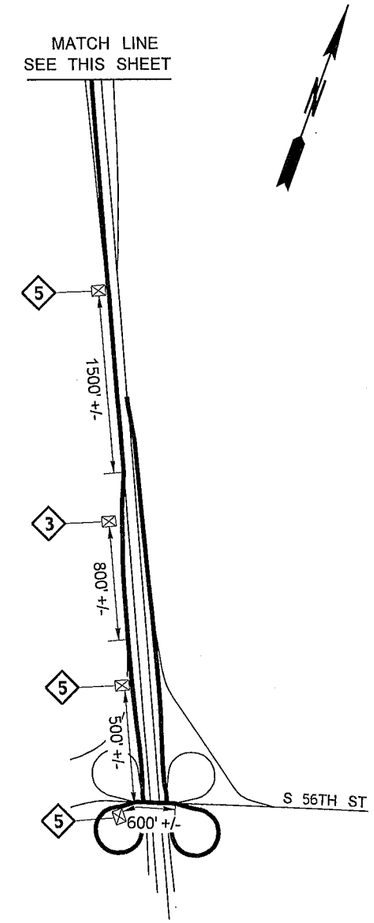
DETOUR PLAN

PLAN REF NO DU9

SHEET 1733 OF 1763 SHEETS

I-5 NB ON-RAMP FROM BOTH SR 7 NB AND I-705 SB DETOUR





LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC137, TC138 AND TC139 FOR DETAILS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU4, DU5, DU8, DU9, DU12, DU13, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU30, DU32 AND DU33.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_10.dgn			
TIME	3:41:14 PM			
DATE	4/17/2014			
PLOTTED BY	WentzD			
DESIGNED BY	A. DORROUGH			
ENTERED BY	A. DORROUGH			
CHECKED BY	D. WENTZ			
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

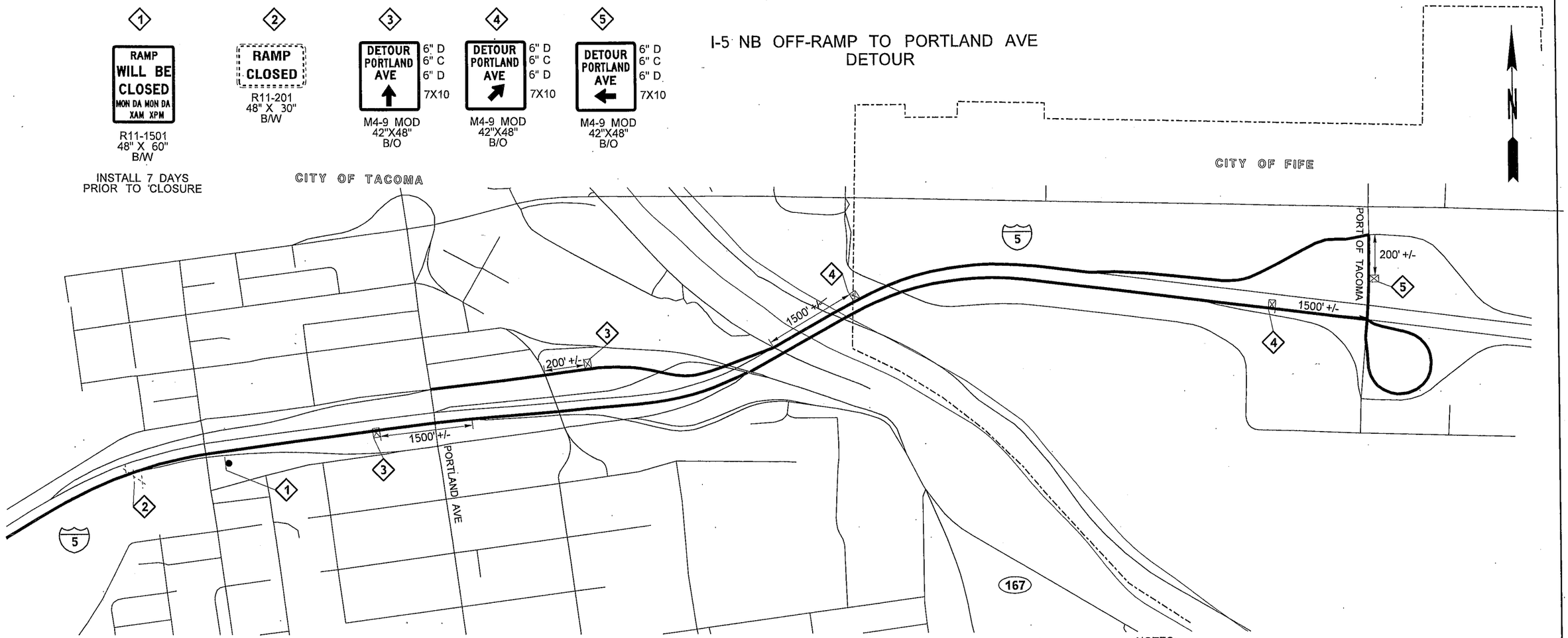
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU10

SHEET 1734 OF 1763 SHEETS

I-5 NB OFF-RAMP TO PORTLAND AVE DETOUR



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC4, TC5 AND TC6, I-5 NB RIGHT LANE CLOSURE ON-RAMP FROM SR7 NB CLOSED OFF-RAMP TO PORTLAND AVE CLOSED.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU13, DU15, DU16, DU21, DU22, DU23, DU25, DU27, DU30 OR DU33.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_11.dgn					
TIME	3:41:17 PM					
DATE	4/17/2014					
PLOTTED BY	WentzD					
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY					
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW		
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

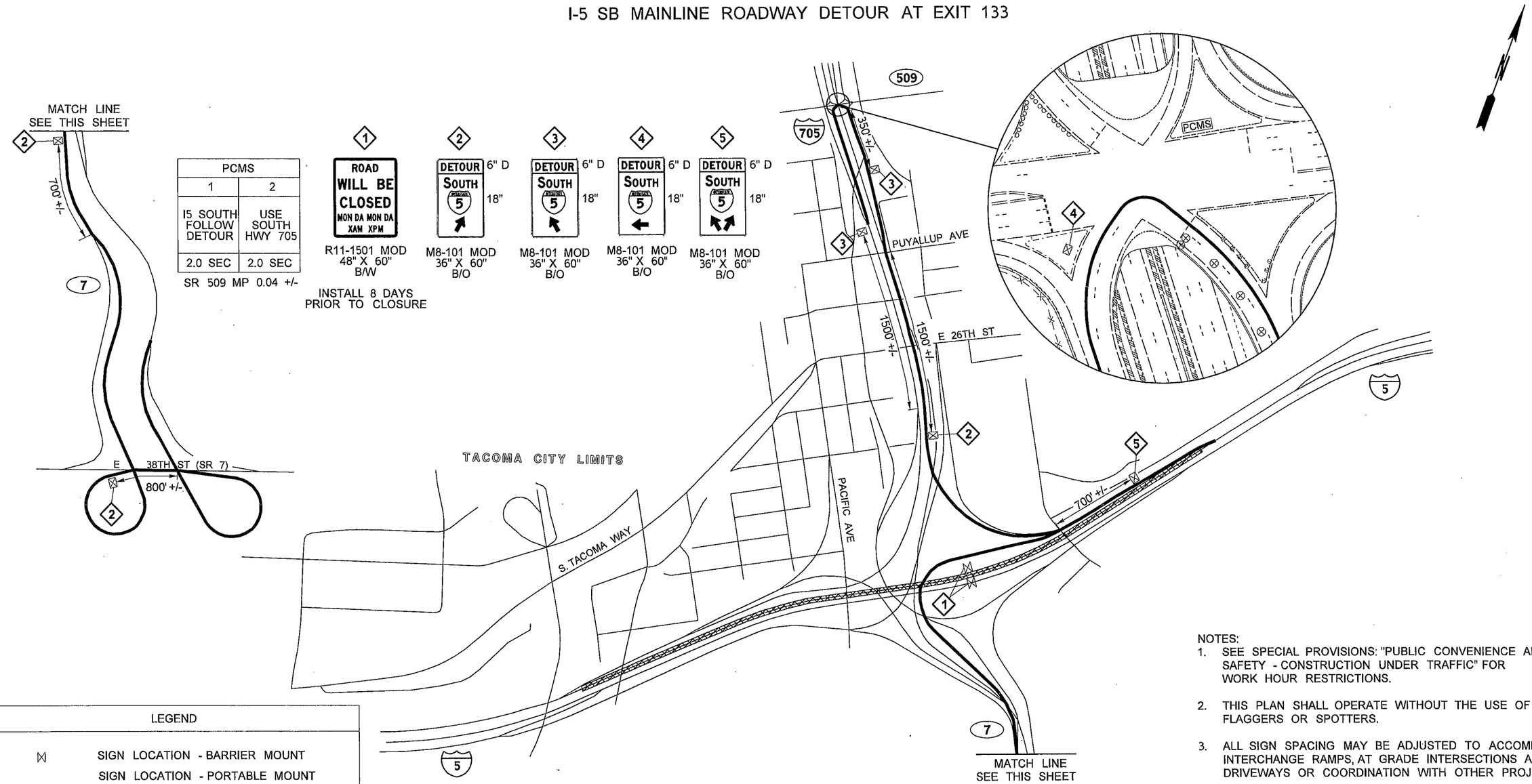
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU11

SHEET 1735 OF 1763 SHEETS

I-5 SB MAINLINE ROADWAY DETOUR AT EXIT 133



PCMS	
1	2
I5 SOUTH FOLLOW DETOUR	USE SOUTH HWY 705
2.0 SEC	2.0 SEC

SR 509 MP 0.04 +/-

1 — ROAD WILL BE CLOSED MON DA MON DA XAM XPM — R11-1501 MOD 48" X 60" B/W

INSTALL 8 DAYS PRIOR TO CLOSURE

2 — DETOUR 6" D / SOUTH 5 18" — M8-101 MOD 36" X 60" B/O

3 — DETOUR 6" D / SOUTH 5 18" — M8-101 MOD 36" X 60" B/O

4 — DETOUR 6" D / SOUTH 5 18" — M8-101 MOD 36" X 60" B/O

5 — DETOUR 6" D / SOUTH 5 18" — M8-101 MOD 36" X 60" B/O

LEGEND

⋈	SIGN LOCATION - BARRIER MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
⊗	TRAFFIC SAFETY DRUM
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
▨	WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC100 - TC103 I-5 SB MAINLINE ROADWAY CLOSURE AT EXIT 133.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU7, DU8, DU9, DU10, DU13, DU17, DU19, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU30, DU32 OR DU33.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_12.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:41:19 PM						
DATE	4/17/2014						
PLOTTED BY	WentzD				JOB NUMBER		
DESIGNED BY	A. DORROUGH						
ENTERED BY	A. DORROUGH						
CHECKED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW			XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

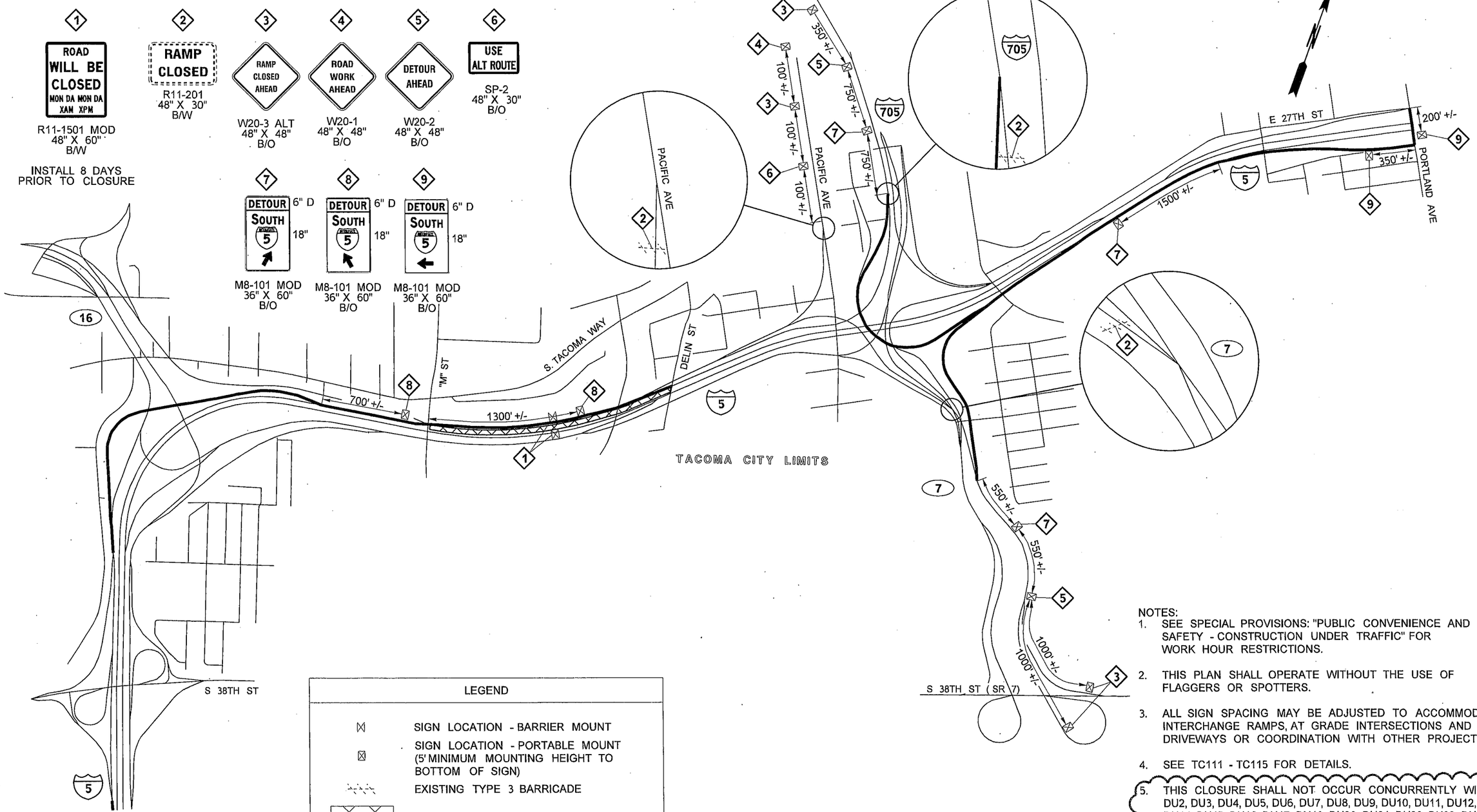
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU12

SHEET 1736 OF 1763 SHEETS

I-5 SB MAINLINE ROADWAY DETOUR AT EXIT 132



LEGEND	
⊠	SIGN LOCATION - BARRIER MOUNT
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
	EXISTING TYPE 3 BARRICADE
	WORK AREA

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
4. SEE TC111 - TC115 FOR DETAILS.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU14, DU15, DU16, DU17, DU19, DU20, DU21, DU22, DU23, DU24, DU25, DU26, DU27, DU28, DU30, DU32 OR DU33.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_13.dgn			
TIME	3:41:21 PM			
DATE	4/17/2014			
PLOTTED BY	WentzD			
DESIGNED BY	A. DORROUGH			
ENTERED BY	A. DORROUGH			
CHECKED BY	D. WENTZ			
PROJ. ENGR.	J. PEREZ	AD1 UPDATE DU CONFLICTS	4/25/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

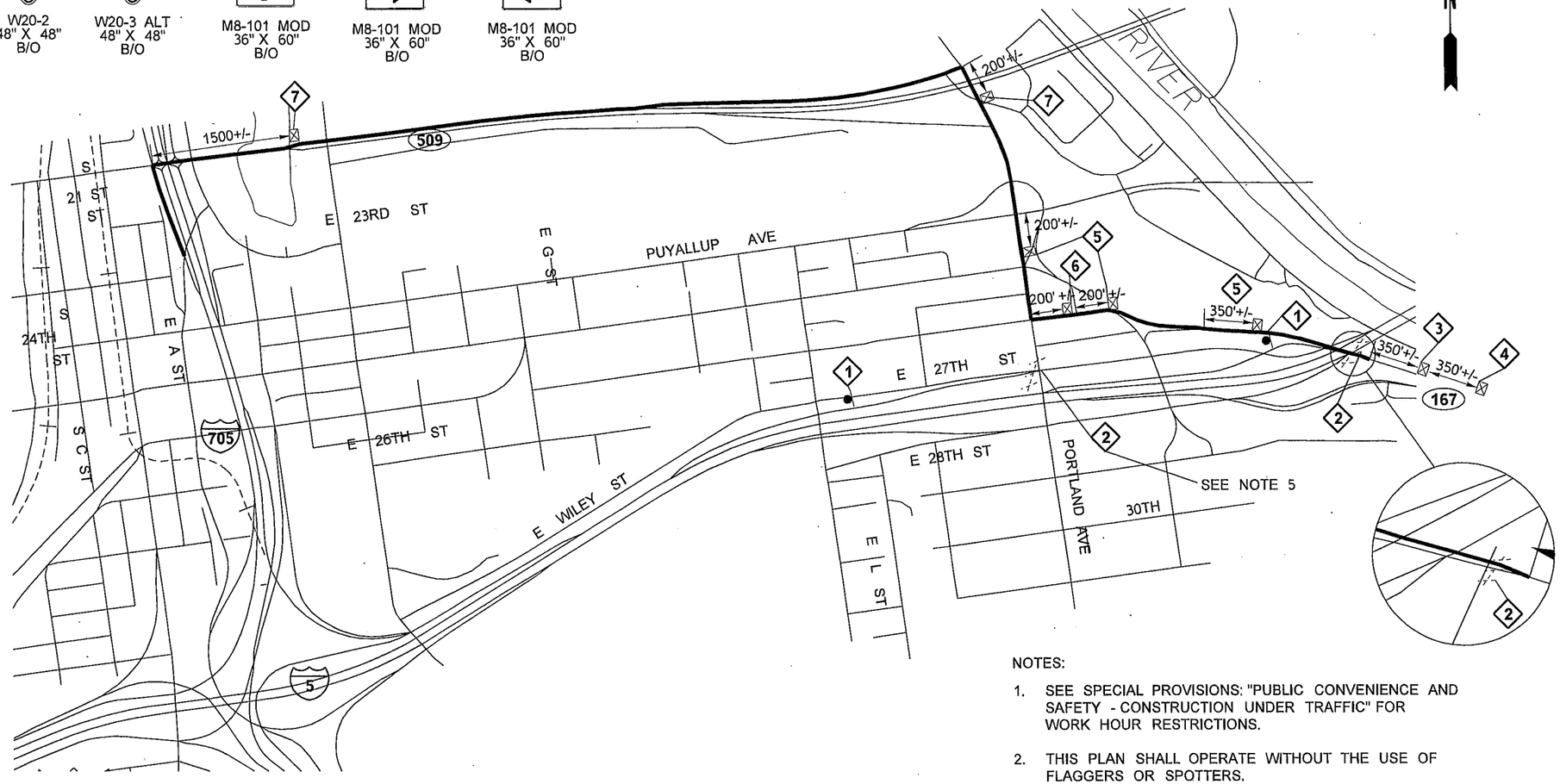
DETOUR PLAN

PLAN REF NO DU13

SHEET 1737 OF 1763 SHEETS

I-5 SB ON-RAMP FROM SR 167 SB DETOUR

1. RAMP WILL BE CLOSED MON DA MON DA XAM XPM — R11-1501, 48" X 60", B/W — INSTALL 7 DAYS PRIOR TO CLOSURE
2. RAMP CLOSED — R11-201, 48" X 30", B/W
3. DETOUR AHEAD — W20-2, 48" X 48", B/O
4. RAMP CLOSED AHEAD — W20-3 ALT, 48" X 48", B/O
5. DETOUR SOUTH 5 (6" D, 18") — M8-101 MOD, 36" X 60", B/O
6. DETOUR SOUTH 5 (6" D, 18") — M8-101 MOD, 36" X 60", B/O
7. DETOUR SOUTH 5 (6" D, 18") — M8-101 MOD, 36" X 60", B/O



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TCD7 TYPICAL SHORT TERM RAMP CLOSURE DETAIL.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6, DU7, DU13, DU21, DU22, DU23, DU25, DU26 OR DU27.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_14.dgn					
TIME	3:41:23 PM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	4/17/2014					
PLOTTED BY	WentzD				JOB NUMBER	
DESIGNED BY	D. WENTZ					
ENTERED BY	D. WENTZ					
CHECKED BY	R. CRUMBLEY				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW		XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

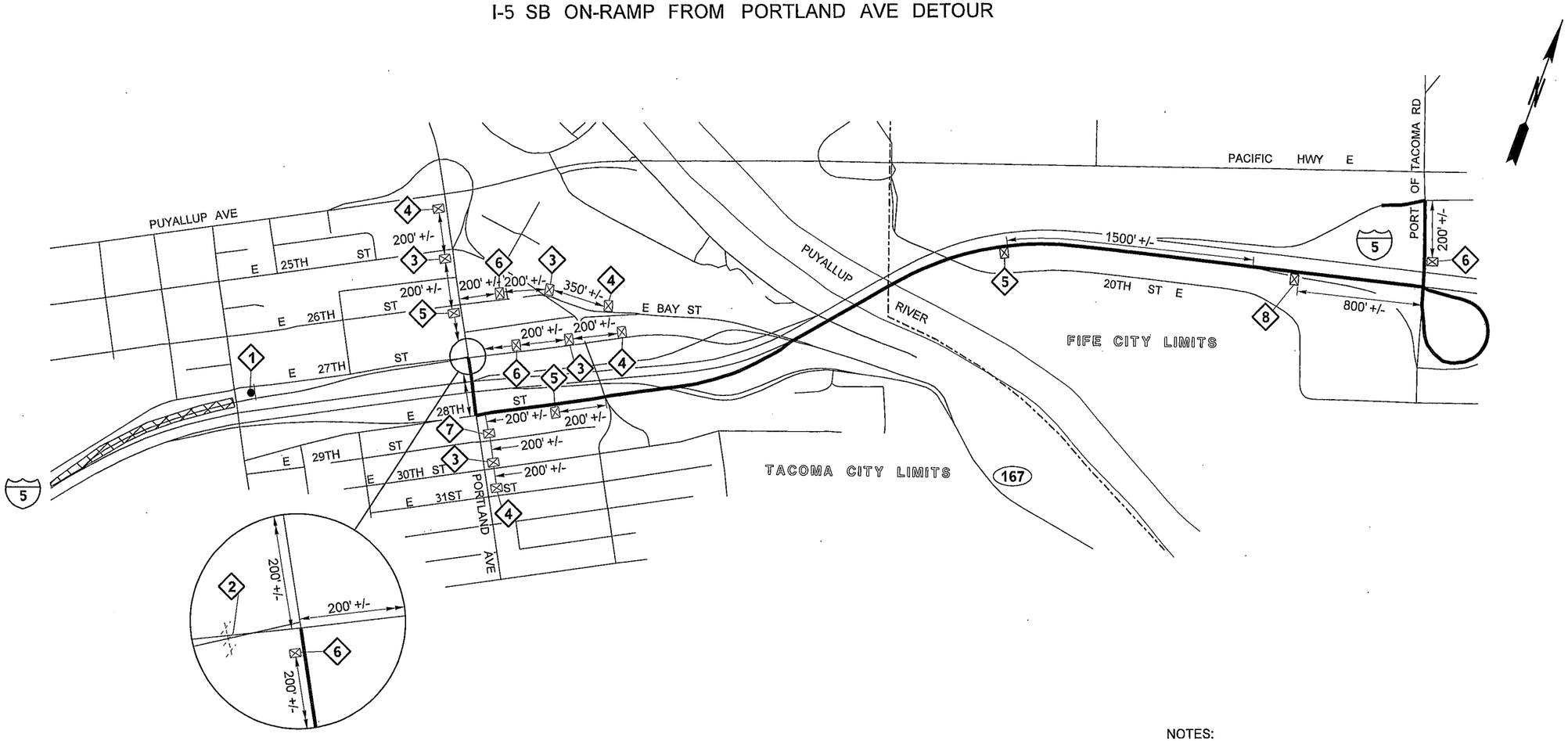
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU14

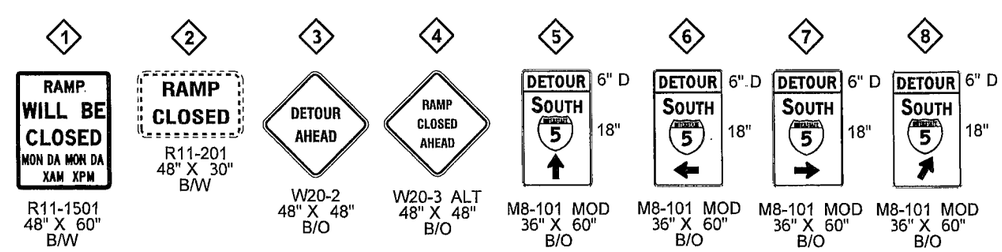
SHEET 1738 OF 1763 SHEETS

I-5 SB ON-RAMP FROM PORTLAND AVE DETOUR



LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA



NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TCD7 TYPICAL SHORT TERM ON-RAMP CLOSURE DETAIL.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6, DU7, DU11, DU13, DU21, DU22, DU23, DU25, DU26 OR DU27.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_15.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:41:25 PM				JOB NUMBER		
DATE	4/17/2014						
PLOTTED BY	WentzD						
DESIGNED BY	A. DORROUGH				CONTRACT NO.	LOCATION NO. XL3497	
ENTERED BY	A. DORROUGH						
CHECKED BY	D. WENTZ						
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW			
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

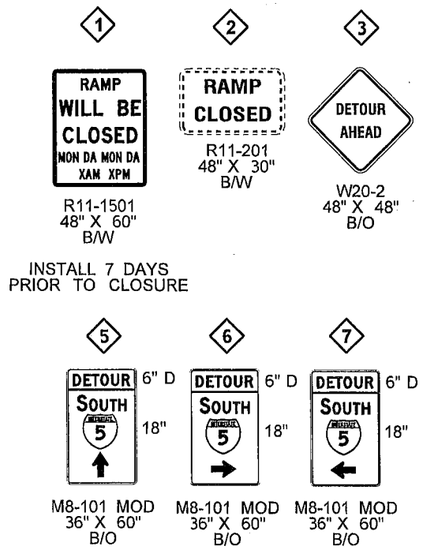
I-5
M ST TO PORTLAND AVE - HOV

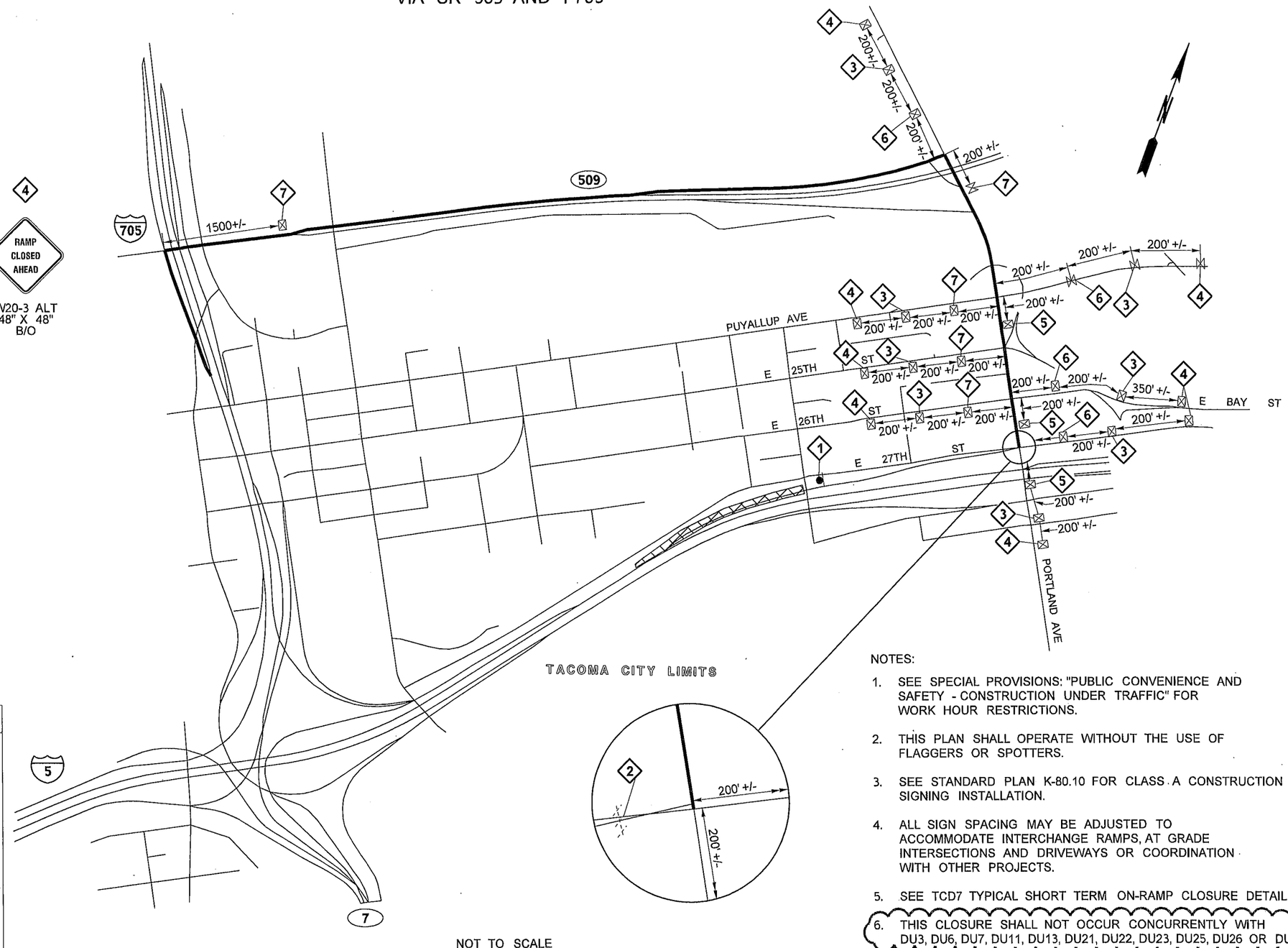
DETOUR PLAN

PLAN REF NO DU15

SHEET 1739 OF 1763 SHEETS

I-5 SB ON-RAMP FROM PORTLAND AVE DETOUR VIA SR 509 AND I-705





LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- SIGN LOCATION - BARRIER MOUNT
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TCD7 TYPICAL SHORT TERM ON-RAMP CLOSURE DETAIL.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU3, DU6, DU7, DU11, DU13, DU21, DU22, DU23, DU25, DU26 OR DU27.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_16.dgn				REGION NO. 10	STATE WASH
TIME	3:41:28 PM					FED.AID PROJ.NO.
DATE	4/17/2014					
PLOTTED BY	WentzD				JOB NUMBER	
DESIGNED BY	A. DORROUGH					
ENTERED BY	A. DORROUGH					
CHECKED BY	D. WENTZ				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU'S CONFLICTS	4/25/2014	DW		XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

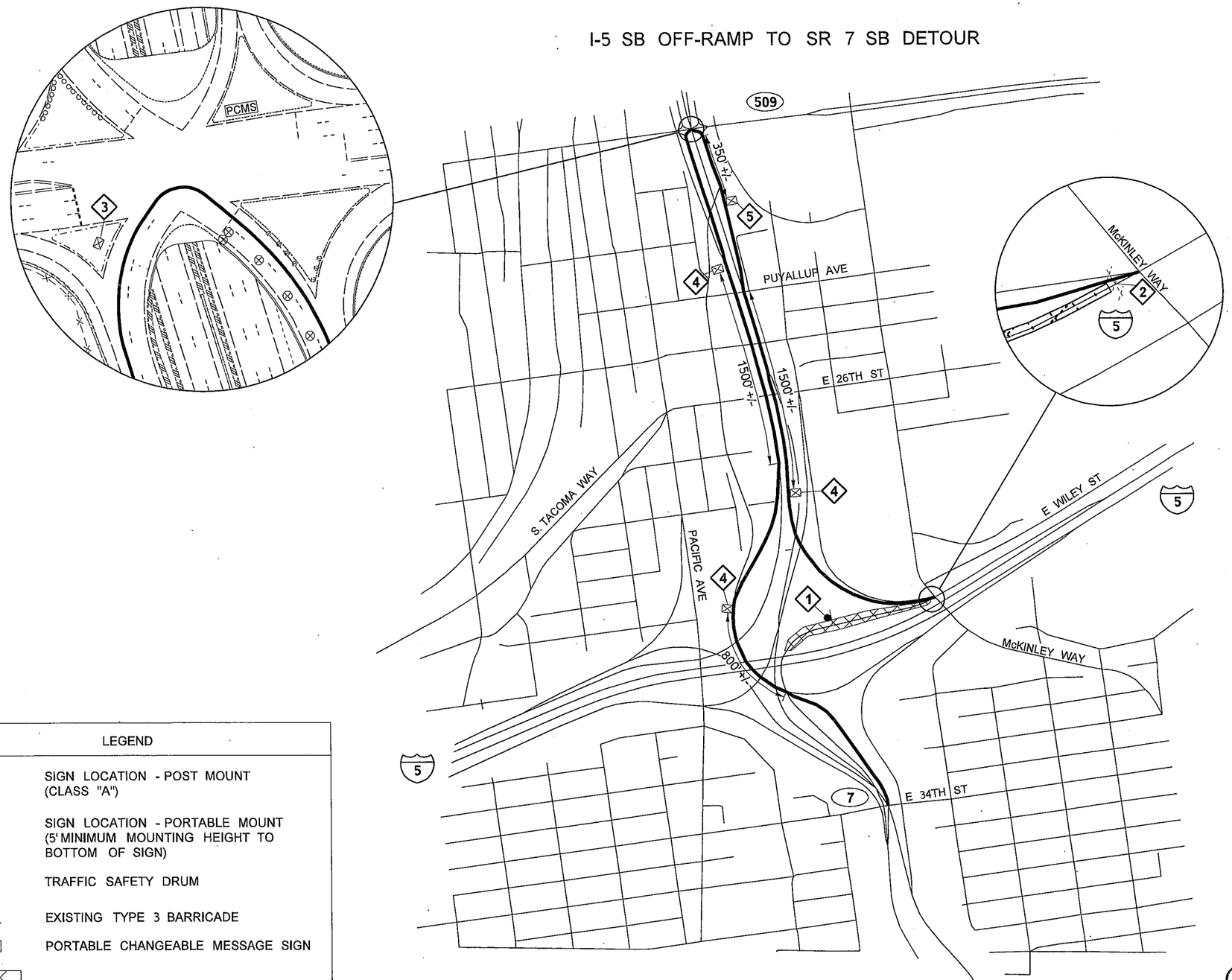
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU16

SHEET 1740 OF 1763 SHEETS

I-5 SB OFF-RAMP TO SR 7 SB DETOUR



PCMS	
1	2
HWY 7 FOLLOW DETOUR	USE SOUTH HWY 705
2.0 SEC	2.0 SEC

SR 509 MP 0.04 +/-

1 — RAMP WILL BE CLOSED MON DA MON DA XAM XPM — R11-1501 48" X 60" B/W

2 — RAMP CLOSED — R11-201 48" X 30" B/W

3 — DETOUR SOUTH 7 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

INSTALL 7 DAYS PRIOR TO CLOSURE

4 — DETOUR SOUTH 7 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

5 — DETOUR SOUTH 7 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- EXISTING TYPE 3 BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC109 I-5 SB OFF-RAMP TO SR7 SB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU5, DU6, DU7, DU8, DU9, DU10, DU12, DU13, DU18, DU19, DU20, DU21, DU22, DU27, DU30, DU32 OR DU33.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_17.dgn
TIME	3:41:30 PM
DATE	4/17/2014
PLOTTED BY	WentzD
DESIGNED BY	A. DORROUGH
ENTERED BY	A. DORROUGH
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
AD1 - UPDATE DU CONFLICTS	4/25/2014	DW

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

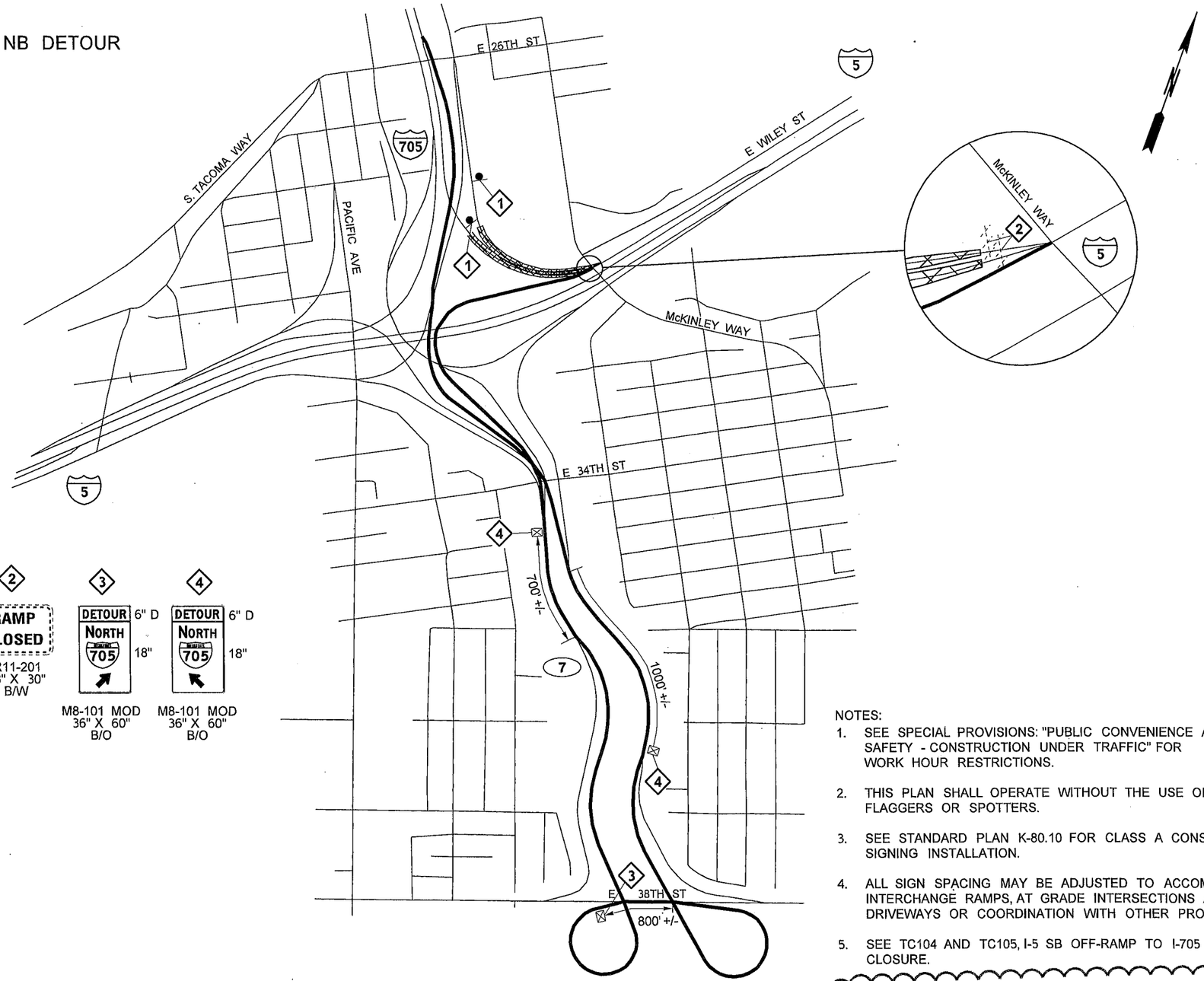
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU17

SHEET 1741 OF 1763 SHEETS

I-5 SB OFF-RAMP TO I-705 NB DETOUR



1

RAMP WILL BE CLOSED
MON DA MON DA
XAM XPM

R11-1501
48" X 60"
B/W

INSTALL 7 DAYS
PRIOR TO CLOSURE

2

RAMP CLOSED

R11-201
48" X 30"
B/W

3

DETOUR 6" D
NORTH 18"
705

M8-101 MOD
36" X 60"
B/O

4

DETOUR 6" D
NORTH 18"
705

M8-101 MOD
36" X 60"
B/O

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC104 AND TC105, I-5 SB OFF-RAMP TO I-705 NB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU12, DU17, DU19, DU23, DU26, DU27, DU30, DU32 OR DU33.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_18.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:41:32 PM						
DATE	4/17/2014						
PLOTTED BY	WentzD				JOB NUMBER		
DESIGNED BY	A. DORROUGH						
ENTERED BY	A. DORROUGH						
CHECKED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 UPDATE DU CONFLICTS	4/25/2014	DW			XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

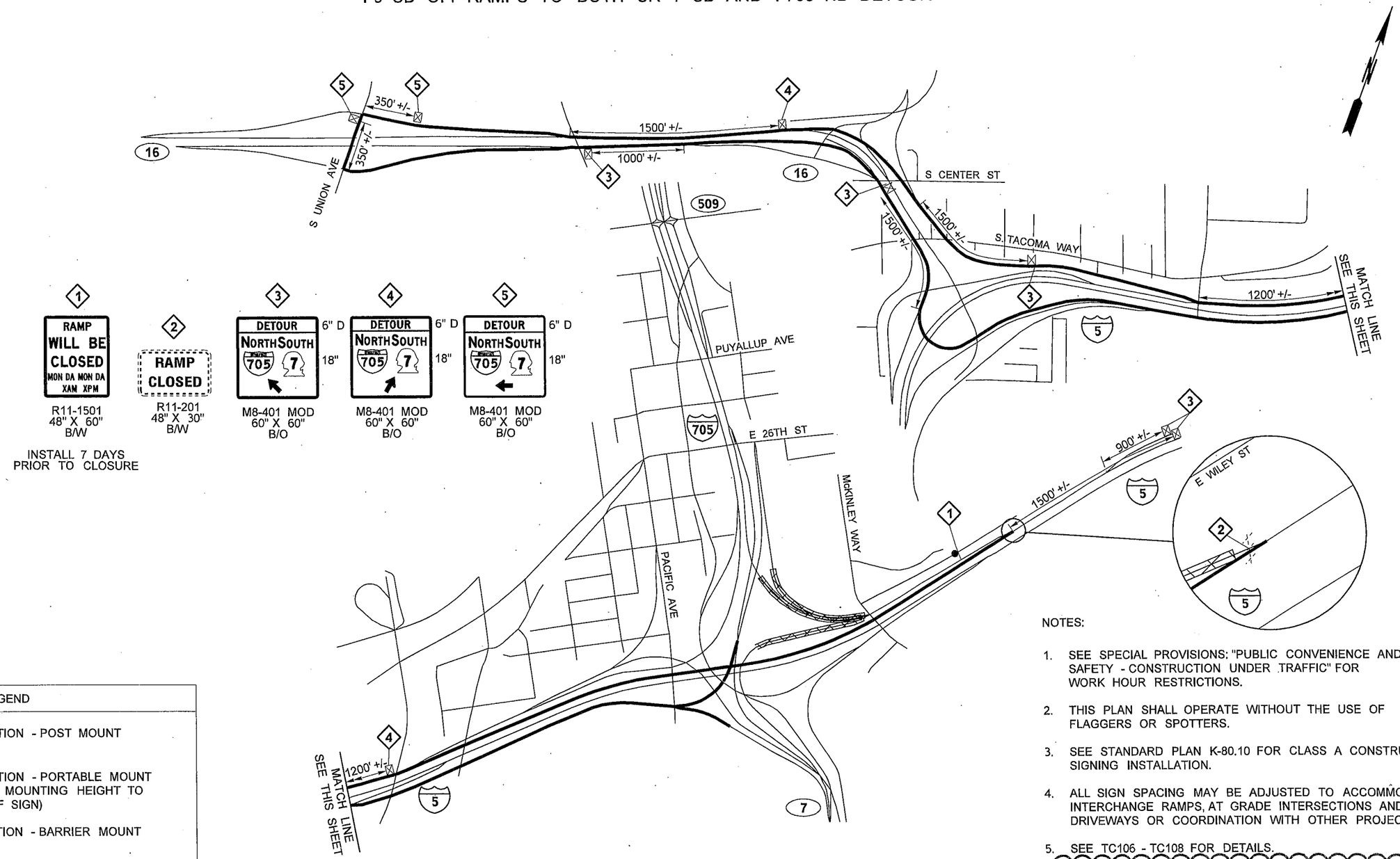
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO
DU18

SHEET 1742 OF 1763 SHEETS

I-5 SB OFF-RAMPS TO BOTH SR 7 SB AND I-705 NB DETOUR



INSTALL 7 DAYS PRIOR TO CLOSURE

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- SIGN LOCATION - BARRIER MOUNT
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC106 - TC108 FOR DETAILS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU4, DU5, DU6, DU7, DU10, DU12, DU13, DU17, DU18, DU24, DU27, DU28, DU30, DU32 OR DU33.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_19.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:41:34 PM				JOB NUMBER		
DATE	4/17/2014						
PLOTTED BY	WentzD						
DESIGNED BY	A. DORROUGH				CONTRACT NO.		LOCATION NO.
ENTERED BY	A. DORROUGH						
CHECKED BY	D. WENTZ						
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW			XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

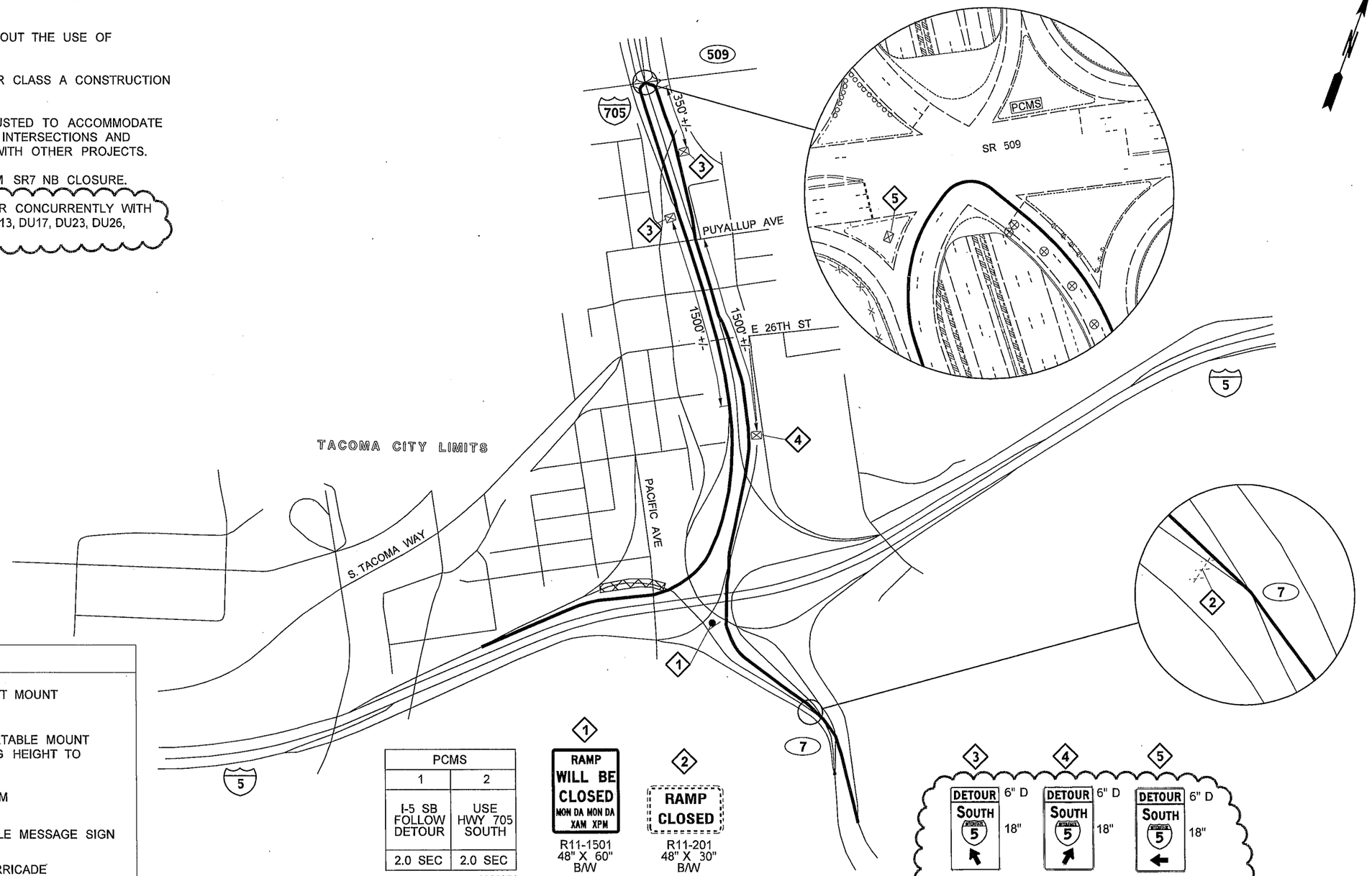
PLAN REF NO DU19

SHEET 1743 OF 1763 SHEETS

I-5 SB ON-RAMP FROM SR 7 NB DETOUR

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC140 I-5 SB ON-RAMP FROM SR7 NB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU8, DU10, DU12, DU13, DU17, DU23, DU26, DU28, DU30 OR DU33.



LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- EXISTING TYPE 3 BARRICADE
- WORK AREA

PCMS	
1	2
I-5 SB FOLLOW DETOUR	USE HWY 705 SOUTH
2.0 SEC	2.0 SEC

LOCATE AS SHOWN

1 — RAMP WILL BE CLOSED MON DA MON DA XAM XPM — R11-1501 48" X 60" B/W

2 — RAMP CLOSED — R11-201 48" X 30" B/W

INSTALL 7 DAYS PRIOR TO CLOSURE

NOT TO SCALE

3 — DETOUR SOUTH 5 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

4 — DETOUR SOUTH 5 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

5 — DETOUR SOUTH 5 — 6" D, 18" — M8-101 MOD 36" X 60" B/O

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_20.dgn				
TIME	3:41:36 PM				
DATE	4/17/2014				
PLOTTED BY	WentzD				
DESIGNED BY	D. WENTZ				
ENTERED BY	D. WENTZ				
CHECKED BY	R. CRUMBLEY				
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS/SIGN CHANGES	4/25/2014	DW	
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

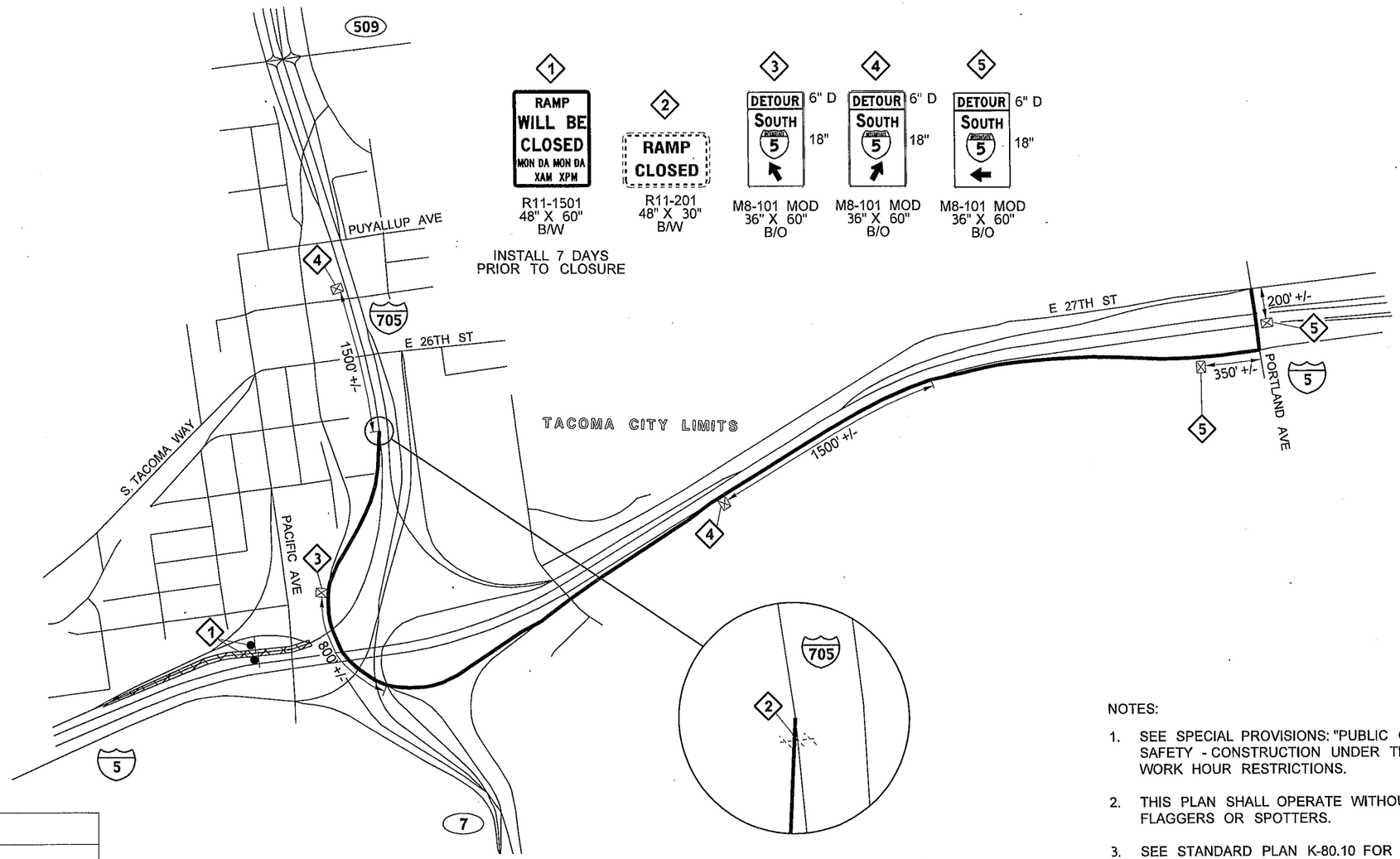
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU20

SHEET 1744 OF 1763 SHEETS

I-5 SB ON-RAMP FROM I-705 SB DETOUR



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC141 I-5 SB ON-RAMP FROM I-705 SB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU14, DU15, DU23, DU25, DU26, DU27, DU28, DU30 OR DU33.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_21.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:41:39 PM						
DATE	4/17/2014						
PLOTTED BY	WentzD				JOB NUMBER		
DESIGNED BY	A. DORROUGH						
ENTERED BY	A. DORROUGH						
CHECKED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW			XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

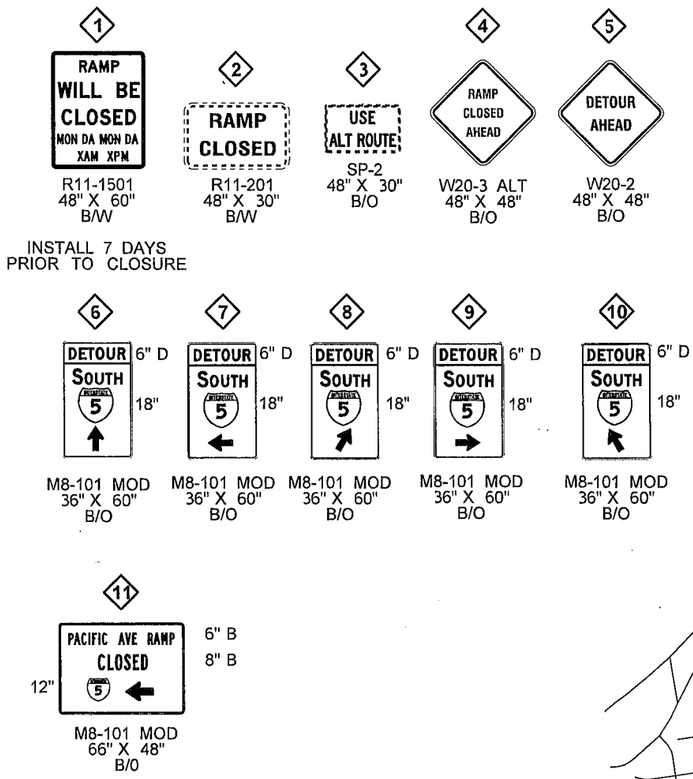
I-5
M ST TO PORTLAND AVE - HOV

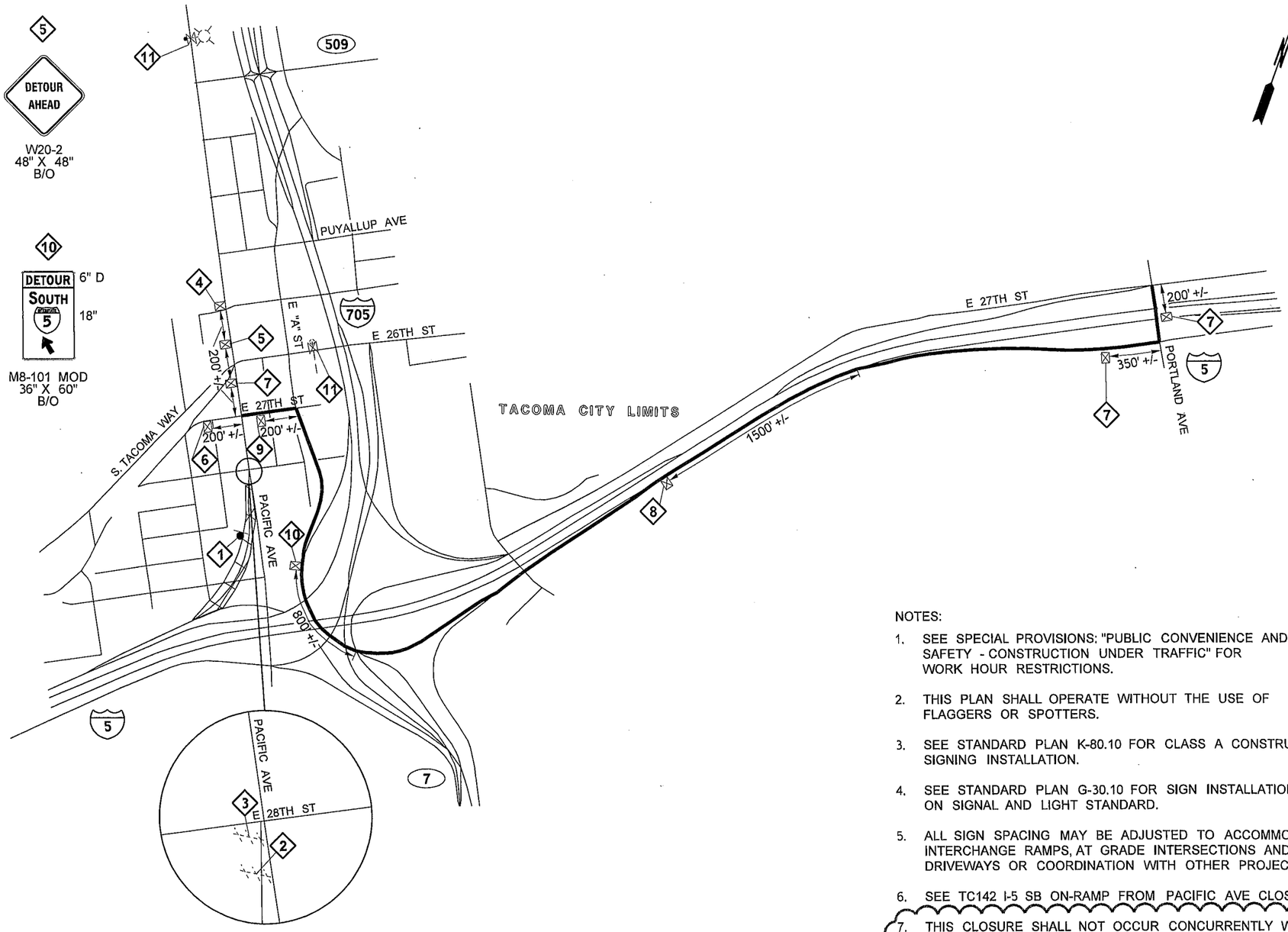
DETOUR PLAN

PLAN REF NO DU21

SHEET 1745 OF 1763 SHEETS

I-5 SB ON-RAMP FROM PACIFIC AVE DETOUR





LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - POLE MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- EXISTING CANTILEVER
- EXISTING LIGHT STANDARD
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARD.
5. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
6. SEE TC142 I-5 SB ON-RAMP FROM PACIFIC AVE CLOSURE.
7. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU6, DU7, DU9, DU10, DU11, DU12, DU13, DU14, DU15, DU16, DU17, DU23, DU25, DU26, DU27, DU28, DU29, DU31 OR DU33.
8. FOR LONG TERM CLOSURE, SIGNS SHALL BE CLASS A MOUNTS SIGN 11 SHALL ONLY BE USED IN THIS INSTANCE.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_22.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:41:41 PM				JOB NUMBER		
DATE	4/17/2014						
PLOTTED BY	WentzD						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW			
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

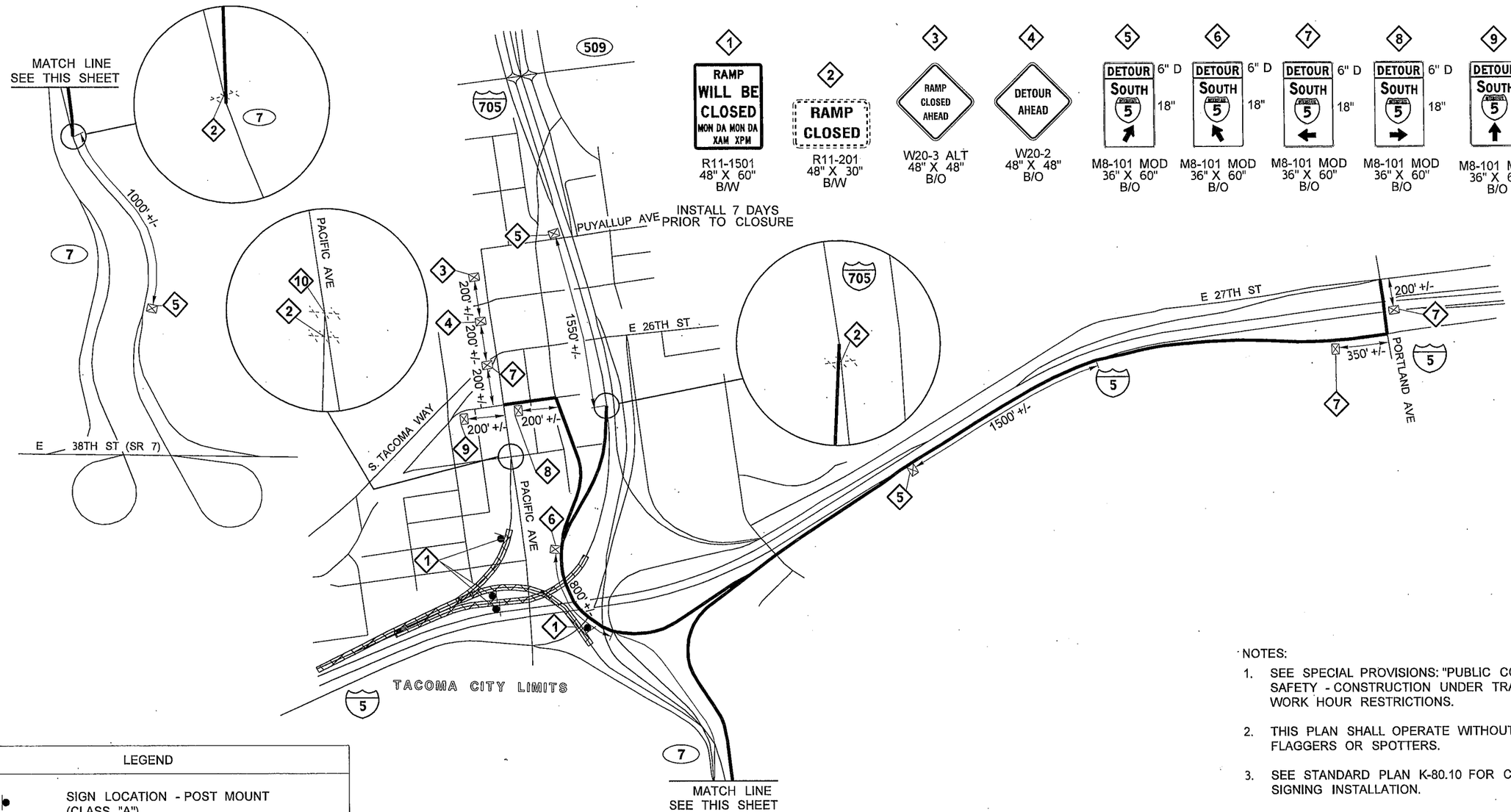
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU22

SHEET 1746 OF 1763 SHEETS

I-5 SB ON-RAMPS FROM SR 7 NB, I-705 SB AND PACIFIC AVE DETOUR



1. RAMP WILL BE CLOSED MON DA MON DA XAM XPM — R11-1501 48" X 60" B/W
2. RAMP CLOSED — R11-201 48" X 30" B/W
3. RAMP CLOSED AHEAD — W20-3 ALT 48" X 48" B/O
4. DETOUR AHEAD — W20-2 48" X 48" B/O
5. DETOUR 6" D SOUTH 5 18" — M8-101 MOD 36" X 60" B/O
6. DETOUR 6" D SOUTH 5 18" — M8-101 MOD 36" X 60" B/O
7. DETOUR 6" D SOUTH 5 18" — M8-101 MOD 36" X 60" B/O
8. DETOUR 6" D SOUTH 5 18" — M8-101 MOD 36" X 60" B/O
9. DETOUR 6" D SOUTH 5 18" — M8-101 MOD 36" X 60" B/O
10. USE ALT ROUTE — SP-2 48" X 30" B/O

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOT TO SCALE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC140, TC141 AND TC142 FOR DETAILS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU14, DU15, DU16, DU18, DU20, DU21, DU22, DU25, DU26, DU27, DU28, DU29, DU31 OR DU33.

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TIME	3:41:43 PM			
DATE	4/17/2014			
PLOTTED BY	WentzD			
DESIGNED BY	A. DORROUGH			
ENTERED BY	A. DORROUGH			
CHECKED BY	D. WENTZ			
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU: CONFLICTS	4/25/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

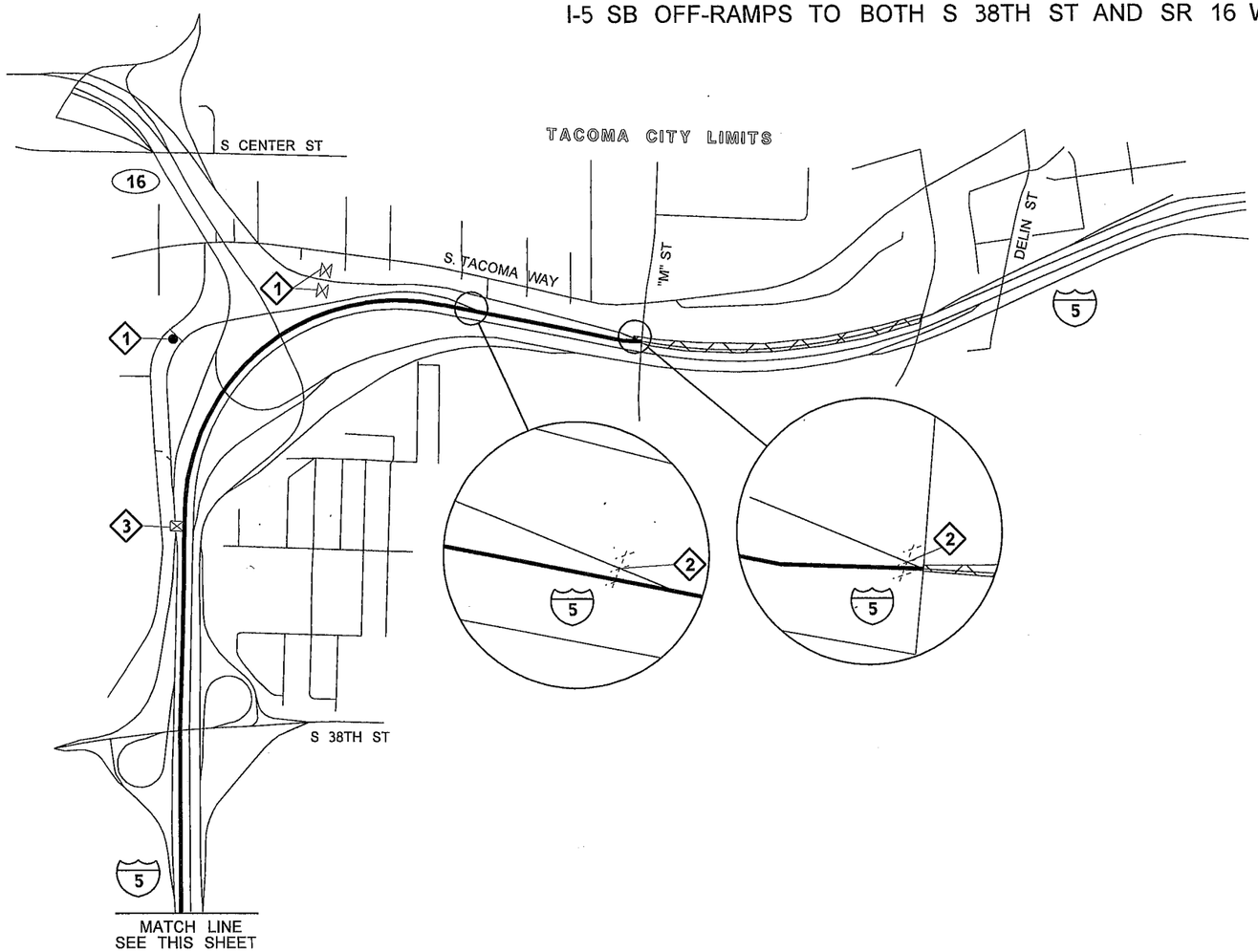
I-5
M ST TO PORTLAND AVE - HOV

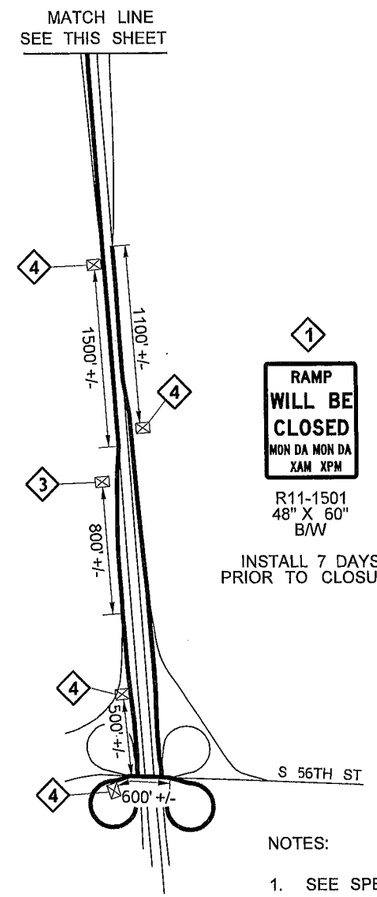
DETOUR PLAN

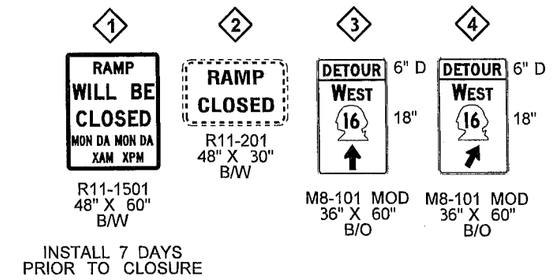
PLAN REF NO DU23

SHEET 1747 OF 1763 SHEETS

I-5 SB OFF-RAMPS TO BOTH S 38TH ST AND SR 16 WB DETOUR







NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC111 - TC116 I-5 FOR DETAILS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU10, DU12, DU13, DU19 OR DU28.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_24.dgn
TIME	3:41:45 PM
DATE	4/17/2014
PLOTTED BY	WentzD
DESIGNED BY	A. DORROUGH
ENTERED BY	A. DORROUGH
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
AD1 - UPDATE DU CONFLICTS/FIXED TYPO	4/25/2014	DW

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

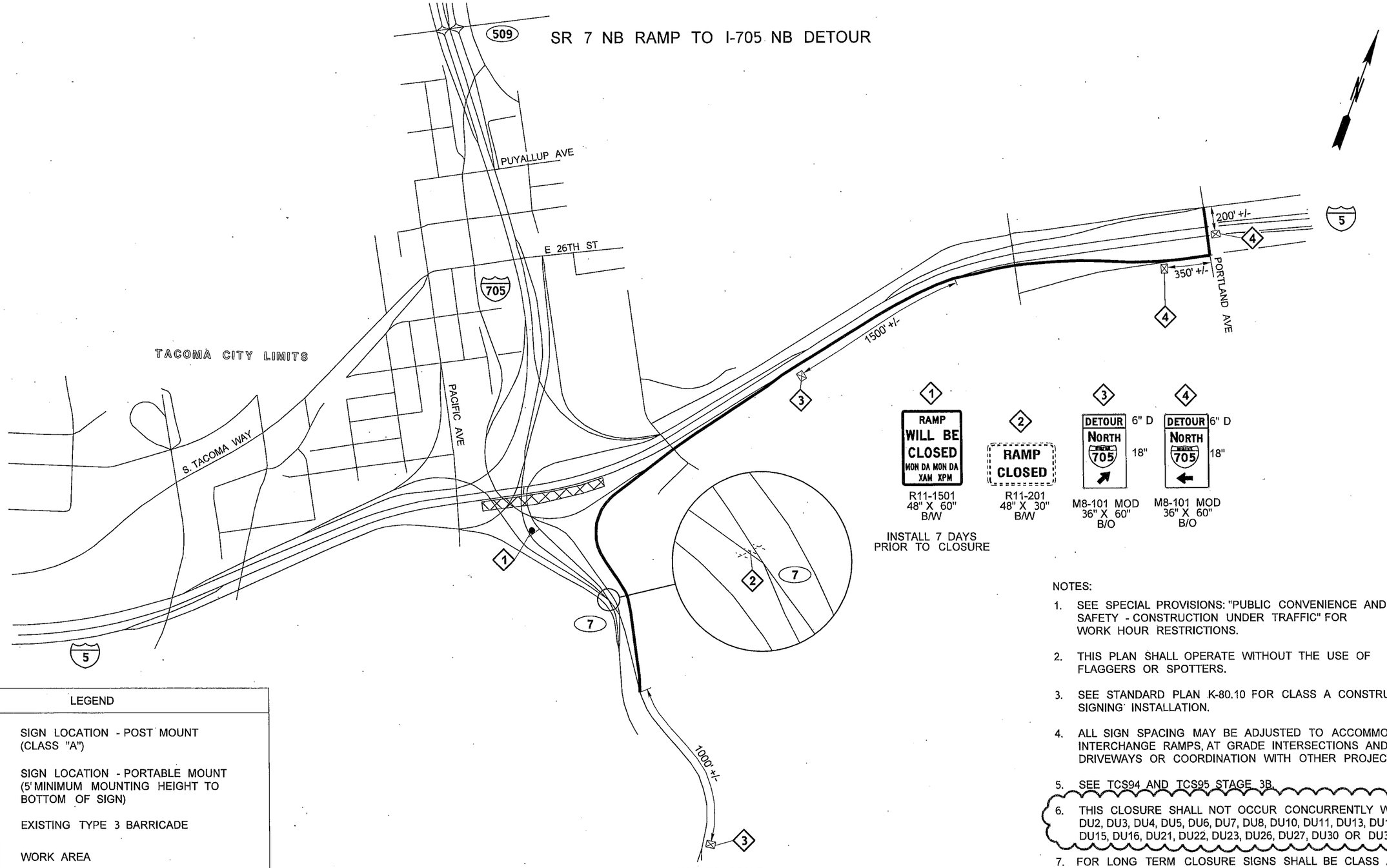
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU24

SHEET 1748 OF 1763 SHEETS

SR 7 NB RAMP TO I-705 NB DETOUR



LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TCS94 AND TCS95 STAGE 3B.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU10, DU11, DU13, DU14, DU15, DU16, DU21, DU22, DU23, DU26, DU27, DU30 OR DU33.
7. FOR LONG TERM CLOSURE SIGNS SHALL BE CLASS A SIGN MOUNTS.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_25.dgn					
TIME	3:41:48 PM				REGION NO. 10	STATE WASH
DATE	4/17/2014				JOB NUMBER	FED.AID PROJ.NO.
PLOTTED BY	WentzD					
DESIGNED BY	A. DORROUGH					
ENTERED BY	A. DORROUGH					
CHECKED BY	D. WENTZ				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 UPDATE DU CONFLICTS	4/25/2014	DW		XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

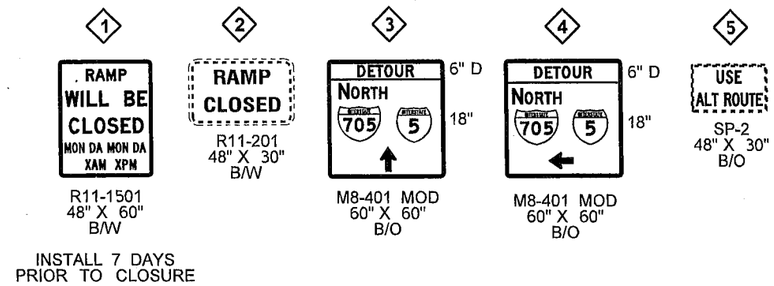
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU25

SHEET 1749 OF 1763 SHEETS

SR 7/S 38TH ST ON-RAMP TO SR 7 NB DETOUR



LEGEND	
●	SIGN LOCATION - POST MOUNT (CLASS "A")
⊠	SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
	EXISTING TYPE 3 BARRICADE
	WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC122 SR7 / S 38TH ST ON-RAMP TO SR7 NB CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU4, DU5, DU8, DU9, DU10, DU12, DU13, DU14, DU15, DU16, DU18, DU20, DU21, DU22, DU23, DU25, DU27, DU30, DU32 OR DU33.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_26.dgn				
TIME	3:41:49 PM				
DATE	4/17/2014				
PLOTTED BY	WentzD				
DESIGNED BY	A. DORROUGH				
ENTERED BY	A. DORROUGH				
CHECKED BY	D. WENTZ				
PROJ. ENGR.	J. PEREZ	AD1 UPDATE DU CONFLICTS	4/25/2014	DW	
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

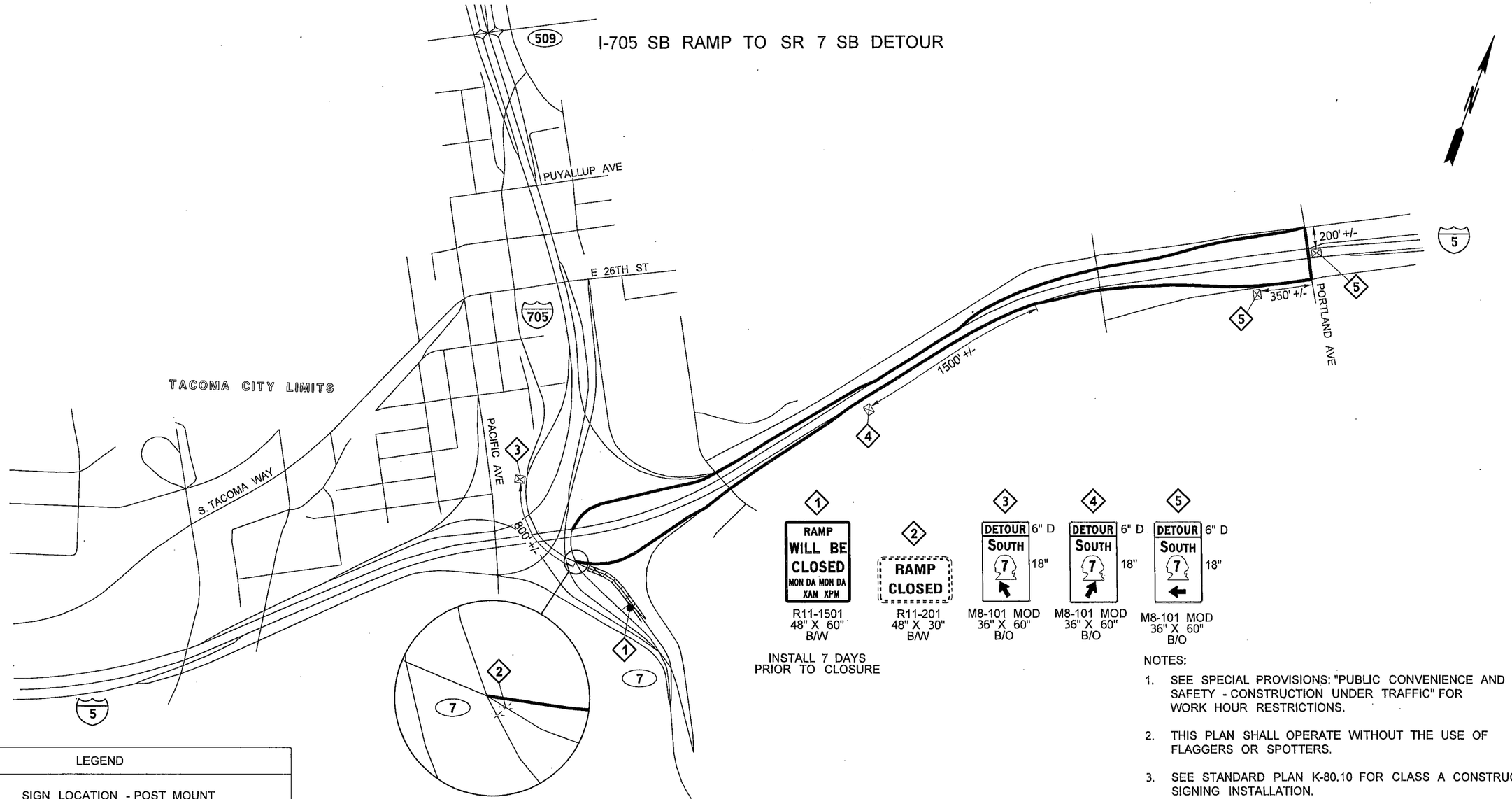
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU26

SHEET 1750 OF 1763 SHEETS

I-705 SB RAMP TO SR 7 SB DETOUR



1	2	3	4	5
RAMP WILL BE CLOSED MON DA MON DA XAM XPM	RAMP CLOSED	DETOUR 6" D SOUTH 7 18"	DETOUR 6" D SOUTH 7 18"	DETOUR 6" D SOUTH 7 18"
R11-1501 48" X 60" B/W	R11-201 48" X 30" B/W	M8-101 MOD 36" X 60" B/O	M8-101 MOD 36" X 60" B/O	M8-101 MOD 36" X 60" B/O

INSTALL 7 DAYS PRIOR TO CLOSURE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC143 I-705 SB TO SR7 SB CLOSED.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU14, DU15, DU16, DU17, DU18, DU19, DU21, DU22, DU23, DU25, DU26, DU28, DU30 OR DU33.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_27.dgn
TIME	3:41:52 PM
DATE	4/17/2014
PLOTTED BY	WentzD
DESIGNED BY	A. DORROUGH
ENTERED BY	A. DORROUGH
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
AD1 - UPDATE DU CONFLICTS	4/25/2014	DW

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

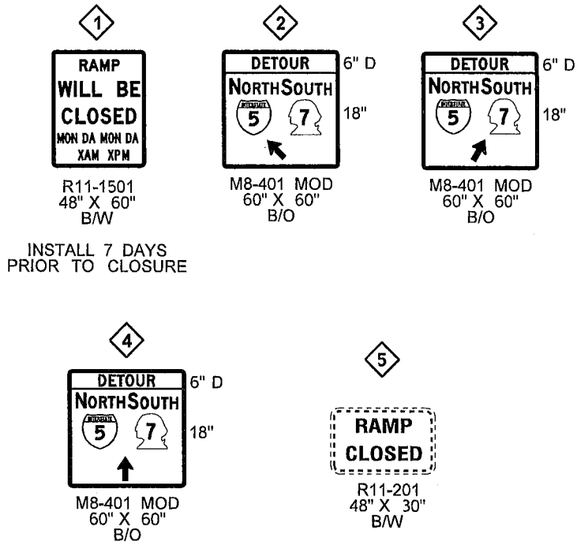
I-5
M ST TO PORTLAND AVE - HOV

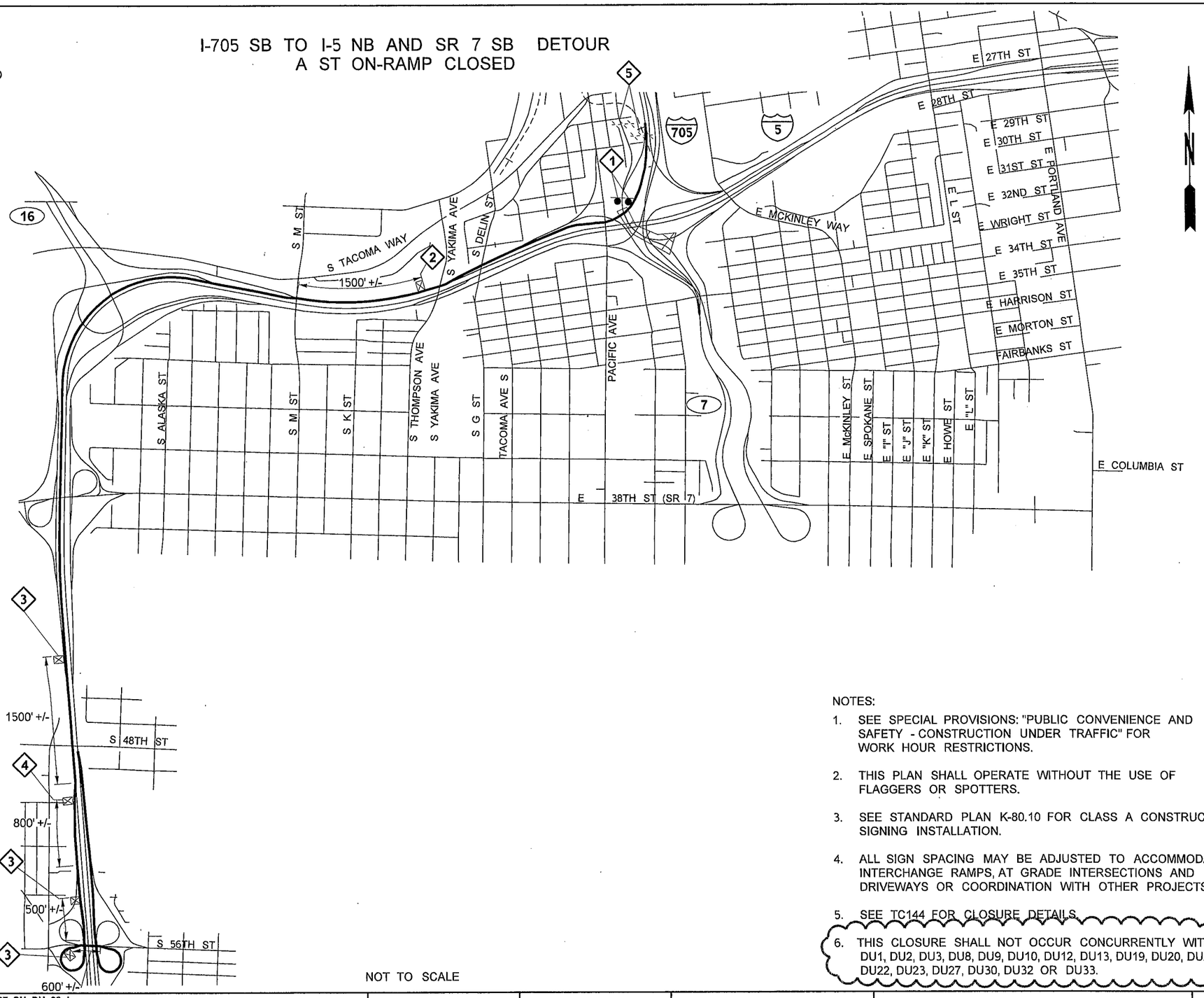
DETOUR PLAN

PLAN REF NO DU27

SHEET 1751 OF 1763 SHEETS

I-705 SB TO I-5 NB AND SR 7 SB DETOUR
A ST ON-RAMP CLOSED





NOT TO SCALE

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC144 FOR CLOSURE DETAILS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU8, DU9, DU10, DU12, DU13, DU19, DU20, DU21, DU22, DU23, DU27, DU30, DU32 OR DU33.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_28.dgn			
TIME	3:41:54 PM			
DATE	4/17/2014			
PLOTTED BY	WentzD			
DESIGNED BY	D. WENTZ			
ENTERED BY	D. WENTZ			
CHECKED BY	R. CRUMBLEY			
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

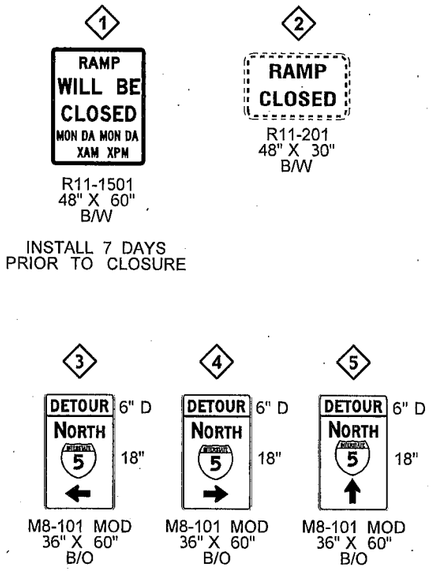
I-5
M ST TO PORTLAND AVE - HOV

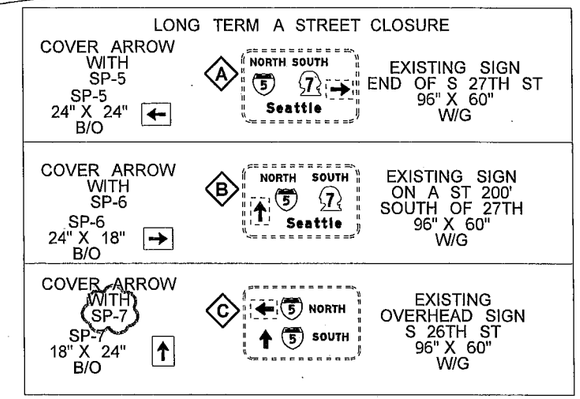
DETOUR PLAN

PLAN REF NO DU28

SHEET 1752 OF 1763 SHEETS

A ST. CITY STREET DETOUR





EXISTING SIGNS
TO BE COVERED
CITY STREETS
30" X 60"
W/G
SB PACFIC & 26TH
ON 26TH 50'E OF PACIFIC
ON 26TH 320'E OF PACIFIC
SB PACIFIC BETWEEN 25TH & 26TH
EB S TACOMA WAY 850'E OF PACIFIC
30" X 84"
W/G
SB PACIFIC BETWEEN 24TH & 25TH
21" X 15"
W/B
24" X 12"
W/B
ON 27TH 150'S OF PACIFIC
ON A ST (DEAD END) E OF 24TH/PUYALLUP
ON 24TH/PUYALLUP @ DOCK ST BELOW 705 STRUCTURE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARDS DETAILS.
5. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
6. SEE TC144 FOR TRAFFIC CONTROL PLAN.
7. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU22, DU23, AND DU31

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- EXISTING TYPE 3 BARRICADE
- SIGN LOCATION - POLE MOUNT
- EXISTING SIGN LOCATION - POST MOUNT
- EXISTING SIGN LOCATION - CANTILEVER

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_29.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	10:32:59 AM				JOB NUMBER		
DATE	4/30/2014						
PLOTTED BY	WentzD						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO.
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ	AD1: UPDATE DU TEXT/ROADWAY CONFLICTS/TYPO	4/25/2014	DW			XL3497
REGIONAL ADM.	K.DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State
Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO
DU29

SHEET 1753 OF 1763 SHEETS

STAGE 2 & 4
NB I-5 COMPLETE CLOSURE
MCKINLEY GIRDER
DEMOLITION AND PLACEMENT ONLY

PCMS	
1	2
RAMP TO NB I-5 CLOSED	FOLLOW DETOUR HWY 509
2.0 SEC	2.0 SEC

SB I-705 MP 1.15+/-

1 — ROAD WILL BE CLOSED MON DA MON DA XAM XPM
R11-1501 MOD 48" X 60" B/W
INSTALL 8 DAYS PRIOR TO CLOSURE

2 — RAMP WILL BE CLOSED MON DA MON DA XAM XPM
R11-1501 48" X 60" B/W
INSTALL 7 DAYS PRIOR TO CLOSURE

3 — ROAD CLOSED
R11-2 48" X 30" B/W

4 — RAMP CLOSED
R11-201 48" X 30" B/W

5 — DETOUR NORTH 5 (MONTANA) 6" D 18"
M8-101 MOD 36" X 60" B/O

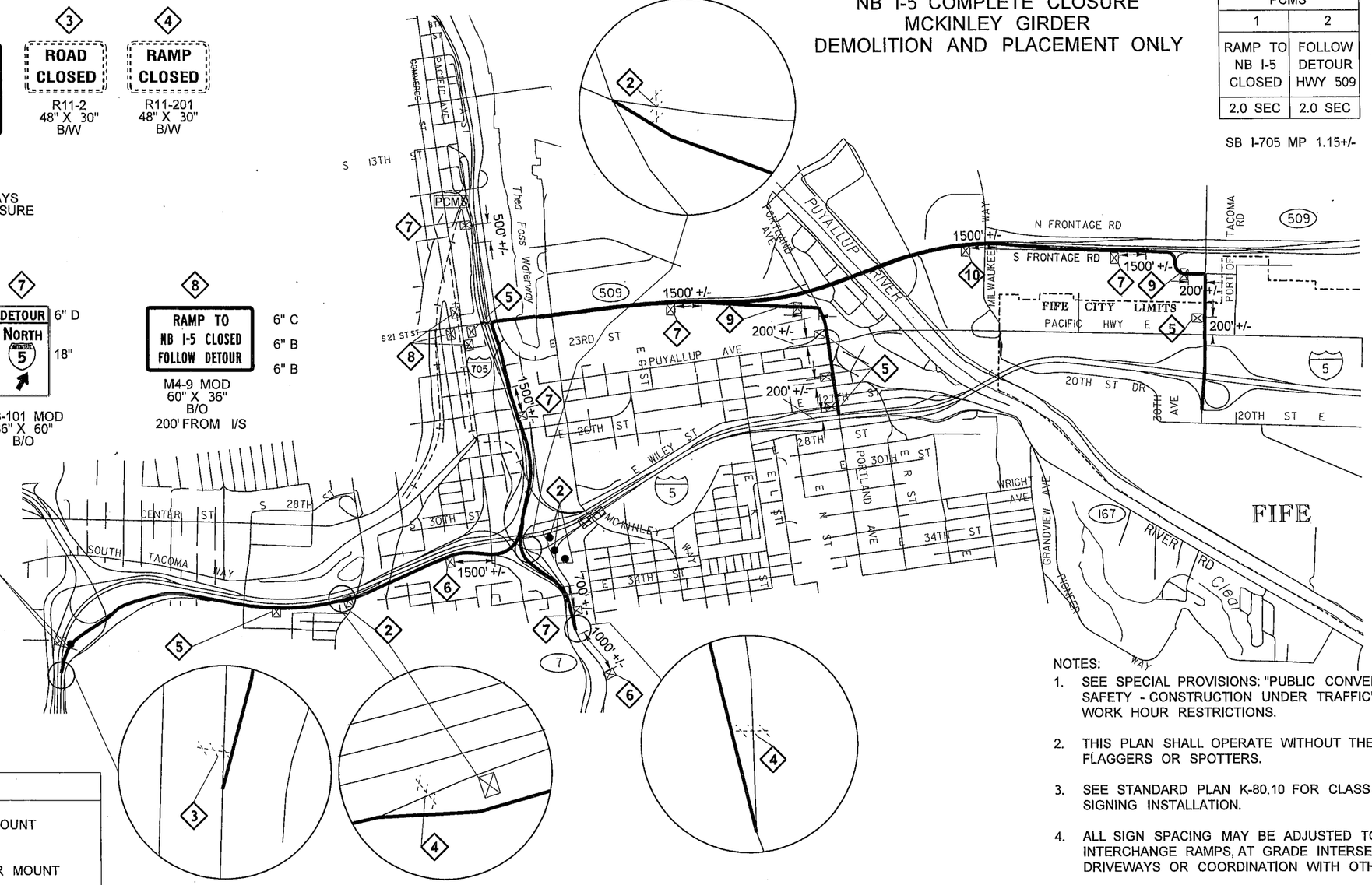
6 — DETOUR NORTH 5 (MONTANA) 6" D 18"
M8-101 MOD 36" X 60" B/O

7 — DETOUR NORTH 5 (MONTANA) 6" D 18"
M8-101 MOD 36" X 60" B/O

8 — RAMP TO NB I-5 CLOSED FOLLOW DETOUR 6" C 6" B 6" B
M4-9 MOD 60" X 36" B/O
200' FROM I/S

9 — DETOUR NORTH 5 (MONTANA) 6" D 18"
M8-101 MOD 36" X 60" B/O

10 — DETOUR NORTH 5 (MONTANA) 6" D 18"
M8-101 MOD 36" X 60" B/O



LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - BARRIER MOUNT
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC125, TC126 - TC128, TC129, TC137, TC138 AND TC139 FOR TRAFFIC CONTROL PLAN.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU16, DU18, DU19, DU20, DU21, DU25, DU26, DU27 DU28 OR DU33.
7. PCMS SHALL NOT BE PLACED IN GORE AREAS. USE A MINIMUM 3 DEVICE TAPER, 20' O.C., IN ADVANCE OF PCMS.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_30.dgn				
TIME	3:42:00 PM				
DATE	4/17/2014				
PLOTTED BY	WentzD				
DESIGNED BY	D. WENTZ				
ENTERED BY	D. WENTZ				
CHECKED BY	R. CRUMBLEY				
PROJ. ENGR.	J. PEREZ	ADD1 UPDATE DU CONFLICTS	4/25/2014	DW	
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

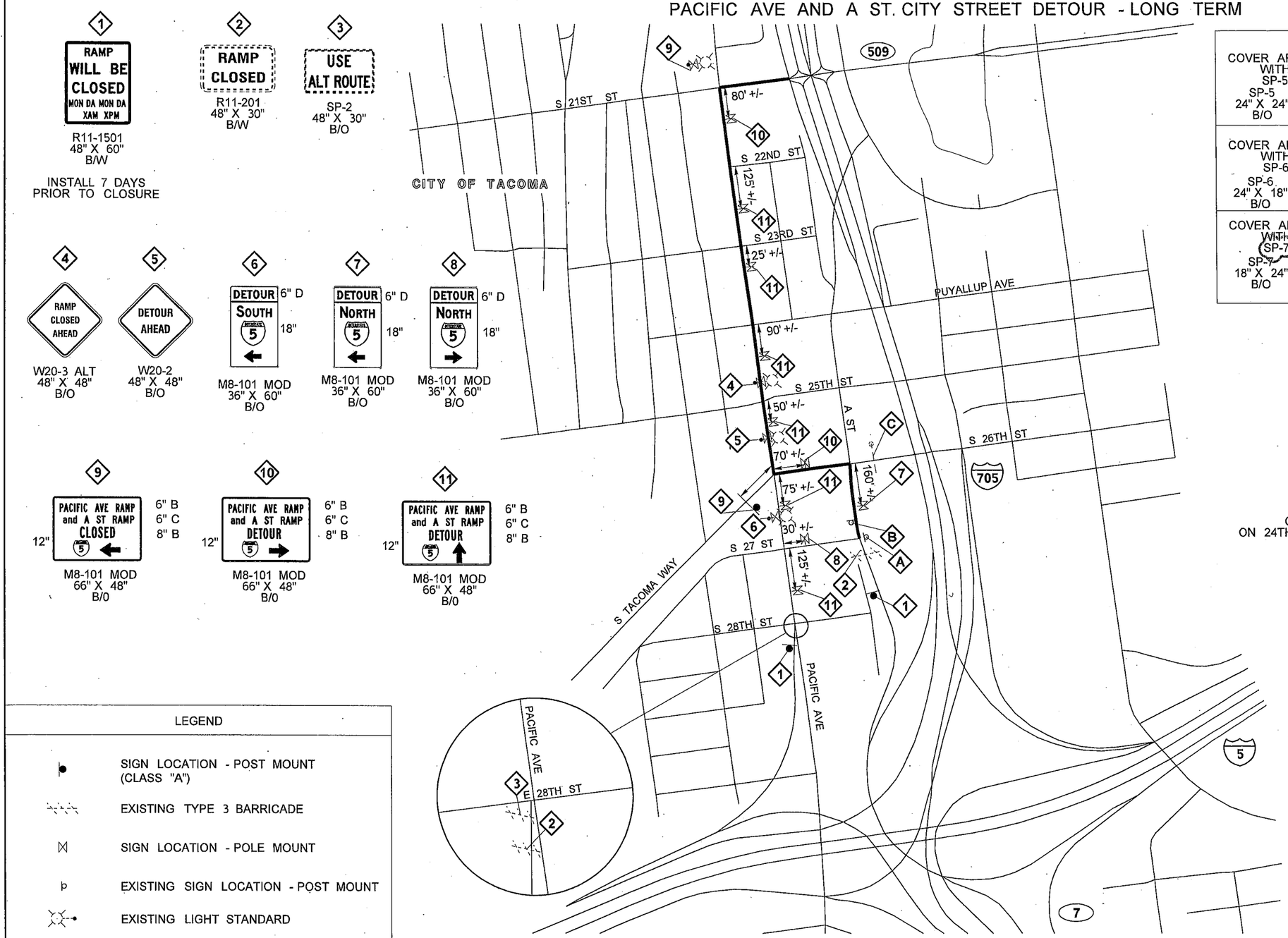
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU30

SHEET 1754 OF 1763 SHEETS

PACIFIC AVE AND A ST. CITY STREET DETOUR - LONG TERM



LONG TERM A STREET CLOSURE

COVER ARROW WITH SP-5 SP-5 24" X 24" B/O	A — NORTH SOUTH 5 7 Seattle	EXISTING SIGN END OF S 27TH ST 96" X 60" W/G
COVER ARROW WITH SP-6 SP-6 24" X 18" B/O	B — NORTH SOUTH 5 7 Seattle	EXISTING SIGN ON A ST 200' SOUTH OF 27TH 96" X 60" W/G
COVER ARROW WITH SP-7 SP-7 18" X 24" B/O	C — 5 NORTH 5 SOUTH	EXISTING OVERHEAD SIGN S 26TH ST 96" X 60" W/G

EXISTING SIGNS
TO BE COVERED
CITY STREETS
30" X 60"
W/G
SB PACFIC & 26TH
ON 26TH 50'E OF PACIFIC
ON 26TH 320'E OF PACIFIC
SB PACIFIC BETWEEN 25TH & 26TH
EB S TACOMA WAY 850'E OF PACIFIC
30" X 84"
W/G
SB PACIFIC BETWEEN 24TH & 25TH
21" X 15"
W/B
24" X 12"
W/B
ON 27TH 150'S OF PACIFIC
ON A ST (DEAD END) E OF 24TH/PUYALLUP
ON 24TH/PUYALLUP @ DOCK ST BELOW 705 STRUCTURE

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- EXISTING TYPE 3 BARRICADE
- SIGN LOCATION - POLE MOUNT
- EXISTING SIGN LOCATION - POST MOUNT
- EXISTING LIGHT STANDARD
- EXISTING SIGN LOCATION - CANTILEVER

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARDS DETAILS.
5. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
6. SEE TC142 FOR PACIFIC AVE CLOSURE. SEE TC144 FOR A ST ON-RAMP CLOSURE.
7. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU22, DU23 OR DU29.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_31.dgn						
TIME	10:33:02 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	4/30/2014						
PLOTTED BY	WentzD				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 - SIGN CALLOUT ADJUSTMENT	5/2/2014	DW			XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

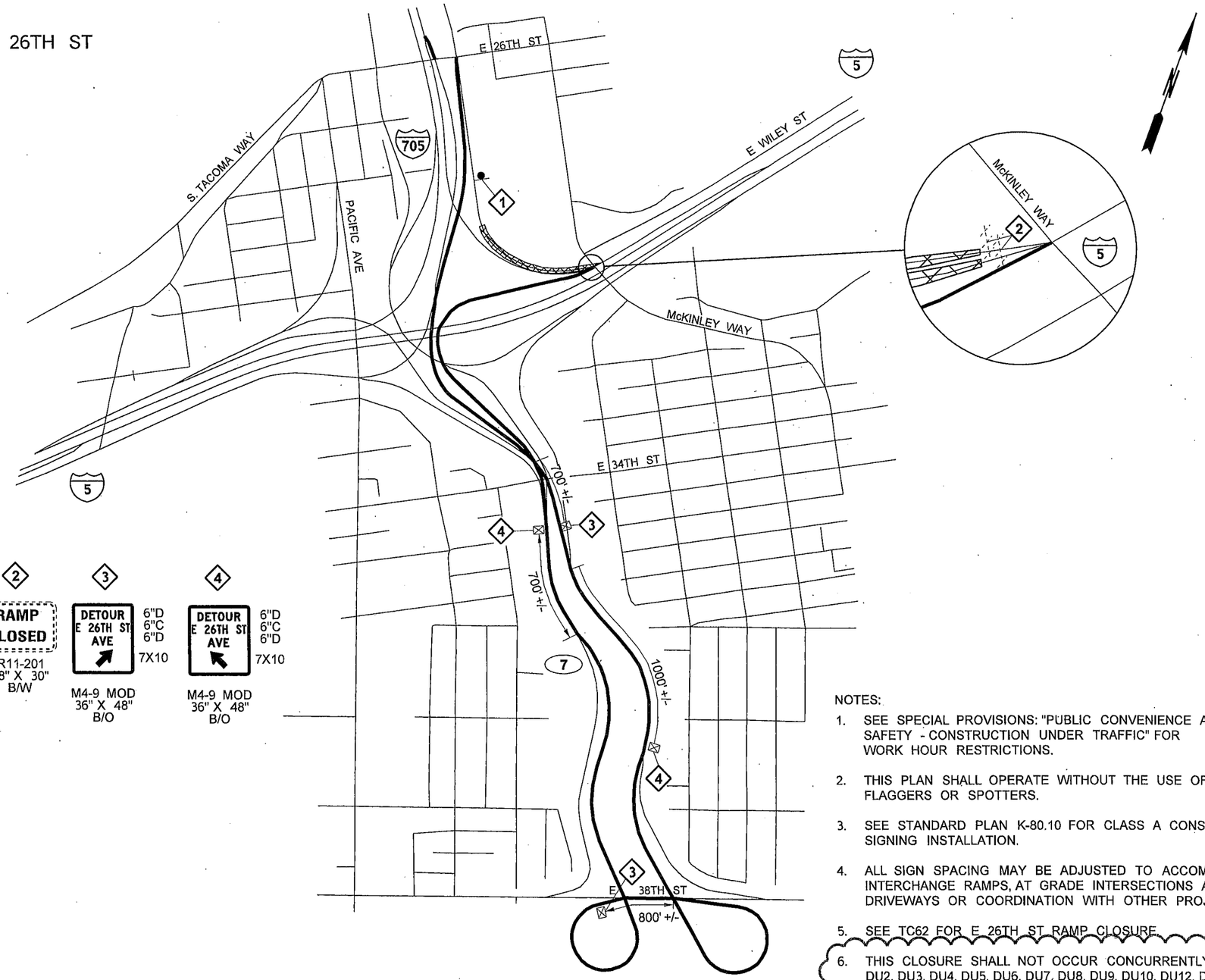
DETOUR PLAN

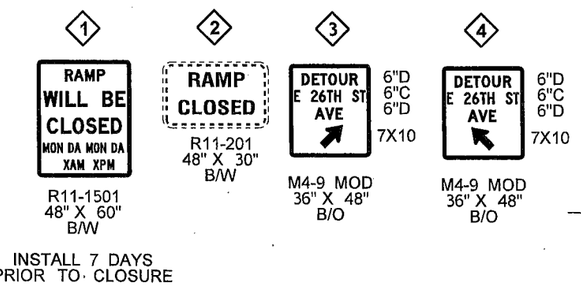
PLAN REF NO DU31

SHEET 1755 OF 1763 SHEETS

STAGE 3A

I-5 SB OFF-RAMP TO E 26TH ST





NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC62 FOR E 26TH ST RAMP CLOSURE.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU12, DU13, DU17, DU18, DU19, DU26, DU28 OR DU33.
7. FOR LONG TERM CLOSURE SIGNS SHALL BE POST MOUNT.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_32.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	3:42:03 PM						
DATE	4/17/2014						
PLOTTED BY	WentzD				JOB NUMBER		
DESIGNED BY	D. WENTZ						
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW			XL3497
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

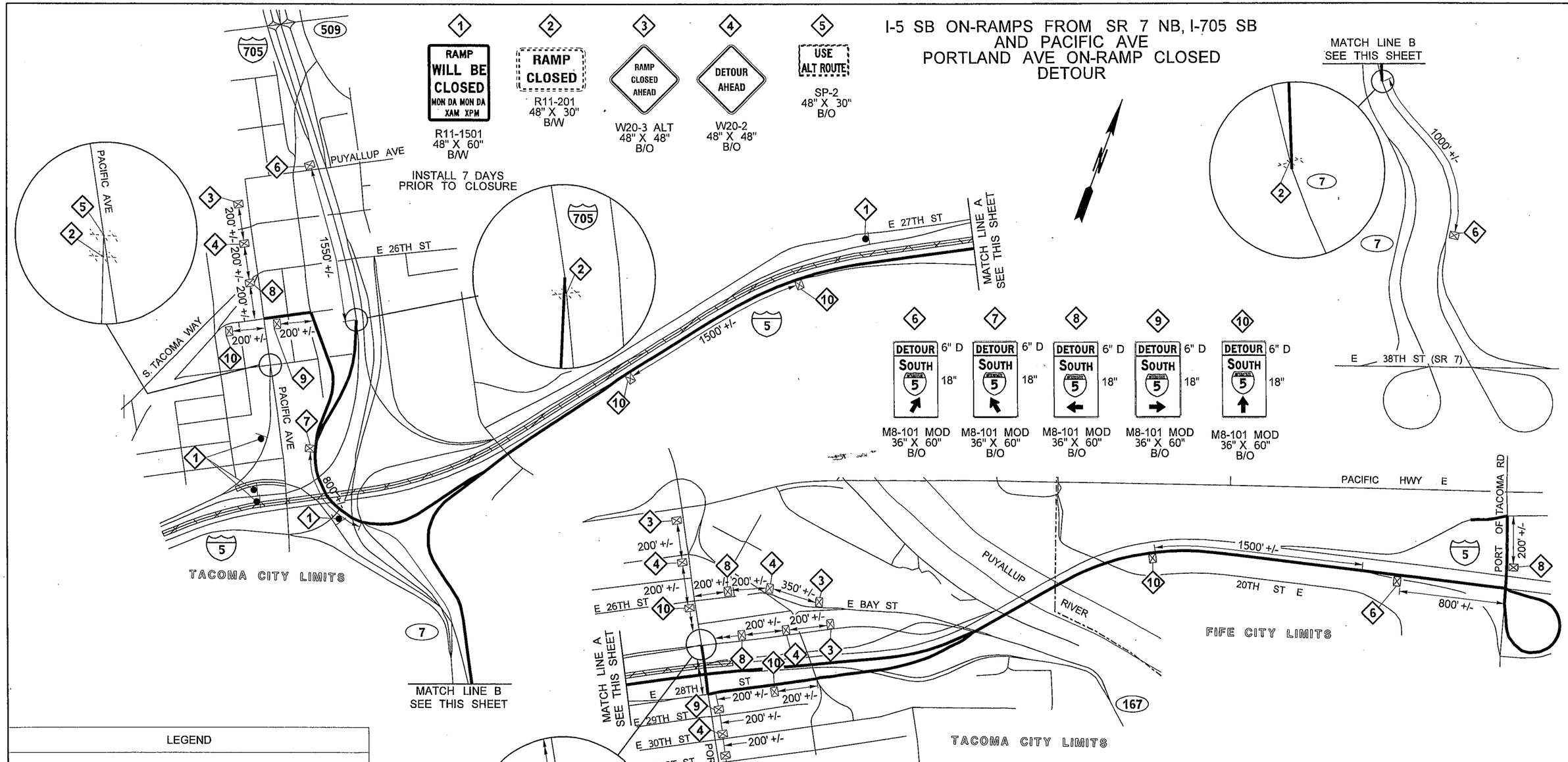
I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU32

SHEET 1756 OF 1763 SHEETS

I-5 SB ON-RAMPS FROM SR 7 NB, I-705 SB AND PACIFIC AVE PORTLAND AVE ON-RAMP CLOSED DETOUR



LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- EXISTING TYPE 3 BARRICADE
- WORK AREA

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
5. SEE TC111 - TC115 FOR DETAILS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU1, DU2, DU3, DU4, DU5, DU6, DU7, DU8, DU9, DU10, DU11, DU12, DU13, DU17, DU18, DU19, DU20, DU21, DU22, DU23, DU25, DU26, DU27, DU28, DU30 AND DU32.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\ADD1_P3497_SH_DU_33.dgn			
TIME	3:42:06 PM			
DATE	4/17/2014			
PLOTTED BY	WentzD			
DESIGNED BY	T. BENTON			
ENTERED BY	T. BENTON			
CHECKED BY	R. CRUMBLEY			
PROJ. ENGR.	J. PEREZ	AD1 - UPDATE DU CONFLICTS	4/25/2014	DW
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

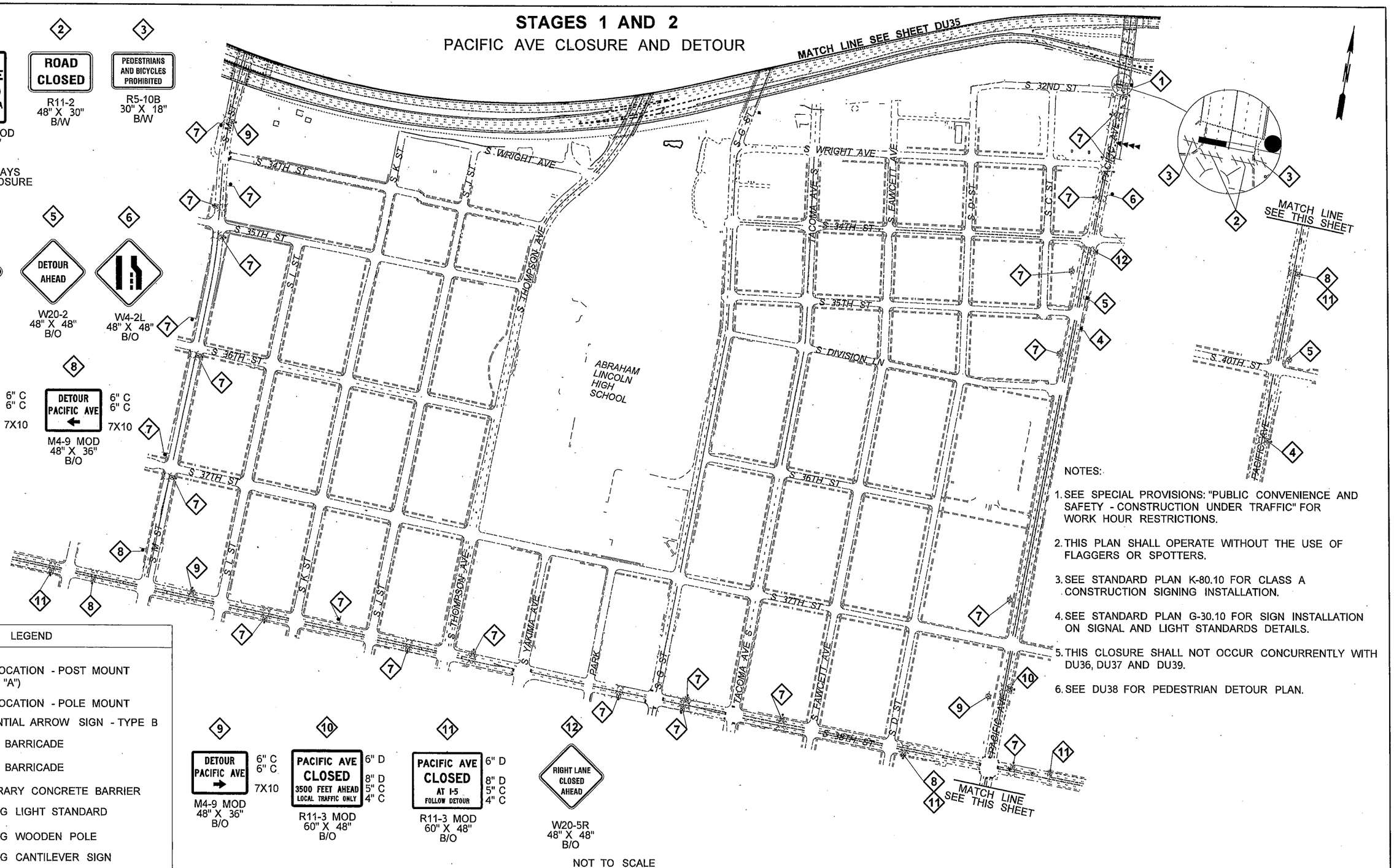
DETOUR PLAN

PLAN REF NO DU33

SHEET 1757 OF 1763 SHEETS

STAGES 1 AND 2

PACIFIC AVE CLOSURE AND DETOUR



1 — ROAD WILL BE CLOSED MON DA MON DA XAM XPM
R11-1501 MOD 48" X 60" B/W
INSTALL 8 DAYS PRIOR TO CLOSURE

2 — ROAD CLOSED
R11-2 48" X 30" B/W

3 — PEDESTRIANS AND BICYCLES PROHIBITED
R5-10B 30" X 18" B/W

4 — ROAD CLOSED AHEAD
W20-3 48" X 48" B/O

5 — DETOUR AHEAD
W20-2 48" X 48" B/O

6 — W4-2L 48" X 48" B/O

7 — DETOUR PACIFIC AVE ↑ 6" C 6" C 7X10
M4-9 MOD 48" X 36" B/O

8 — DETOUR PACIFIC AVE ← 6" C 6" C 7X10
M4-9 MOD 48" X 36" B/O

9 — DETOUR PACIFIC AVE → 6" C 6" C 7X10
M4-9 MOD 48" X 36" B/O

10 — PACIFIC AVE CLOSED 3500 FEET AHEAD LOCAL TRAFFIC ONLY 6" D 8" D 5" C 4" C
R11-3 MOD 60" X 48" B/O

11 — PACIFIC AVE CLOSED AT I-5 FOLLOW DETOUR 6" D 8" D 5" C 4" C
R11-3 MOD 60" X 48" B/O

12 — RIGHT LANE CLOSED AHEAD
W20-5R 48" X 48" B/O

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARDS DETAILS.
5. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU36, DU37 AND DU39.
6. SEE DU38 FOR PEDESTRIAN DETOUR PLAN.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - POLE MOUNT
- SEQUENTIAL ARROW SIGN - TYPE B
- TYPE 2 BARRICADE
- TYPE 3 BARRICADE
- TEMPORARY CONCRETE BARRIER
- EXISTING LIGHT STANDARD
- EXISTING WOODEN POLE
- EXISTING CANTILEVER SIGN

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\P3497_SH_DU_34.dgn
TIME	1:29:49 PM
DATE	2/25/2014
PLOTTED BY	ShulerF
DESIGNED BY	F. SHULER
ENTERED BY	F. SHULER
CHECKED BY	D. WENTZ
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

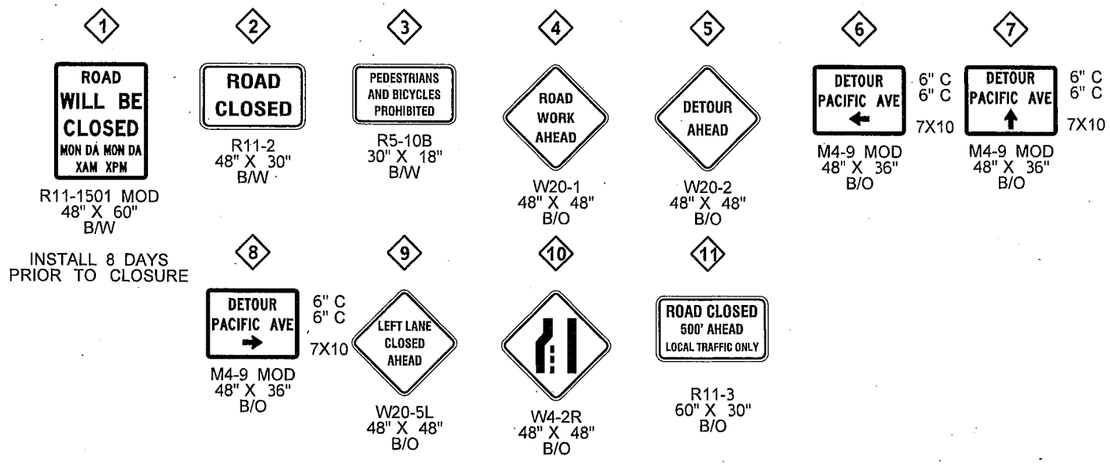
DETOUR PLAN

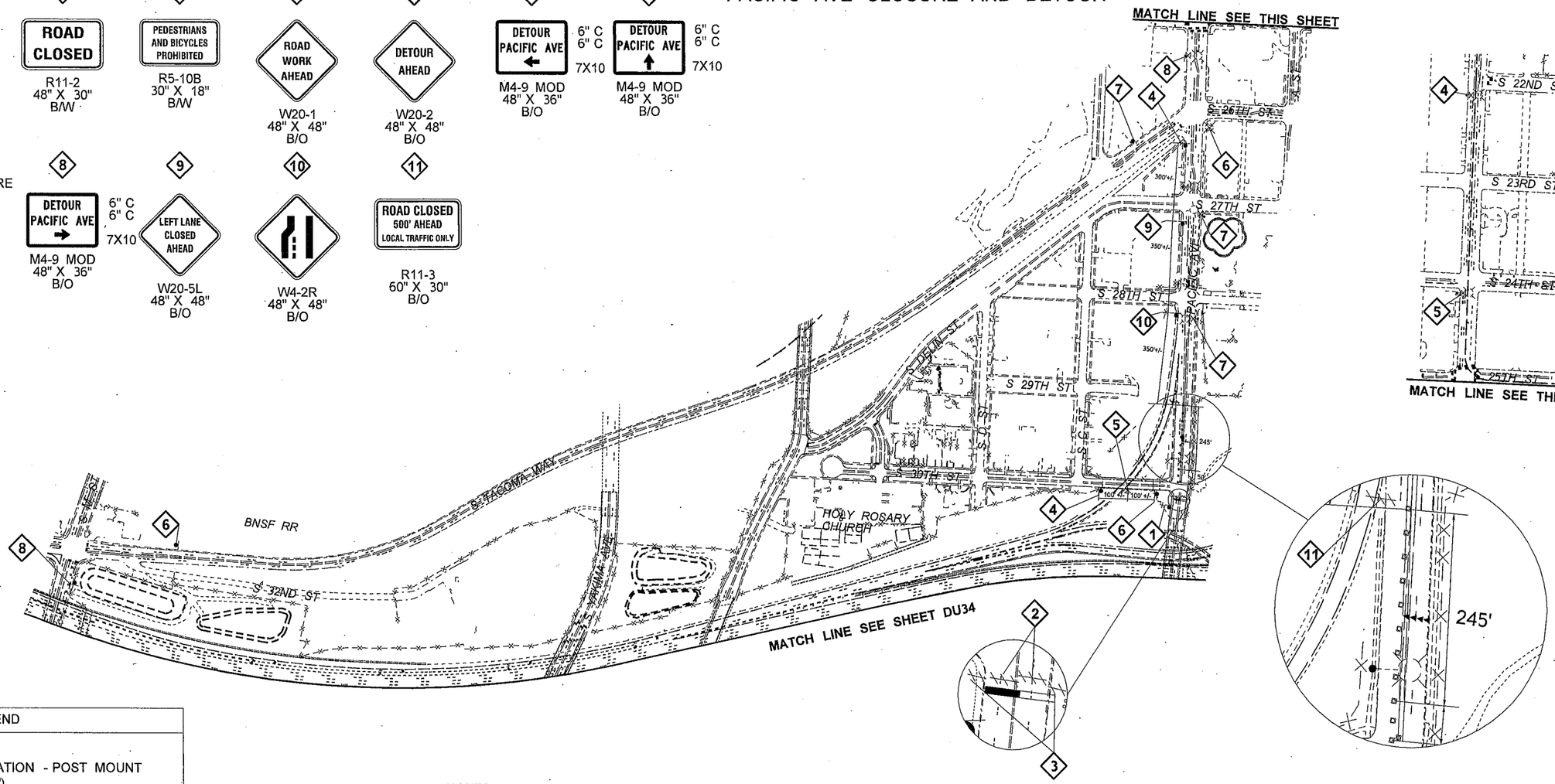
PLAN REF NO DU34

SHEET 1758 OF 1763 SHEETS

STAGES 1 AND 2

PACIFIC AVE CLOSURE AND DETOUR





LEGEND	
●	SIGN LOCATION - POST MOUNT (CLASS "A")
⋈	SIGN LOCATION - POLE MOUNT
▣	CHANNELIZING DEVICE
◄◄◄◄	SEQUENTIAL ARROW SIGN - TYPE B
	TYPE 2 BARRICADE
	TYPE 3 BARRICADE
▬	TEMPORARY CONCRETE BARRIER
	EXISTING LIGHT STANDARD
	EXISTING TIMBER POLE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARDS DETAILS.
5. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU36, DU37 AND DU39.
8. SEE DU38 FOR PEDESTRIAN DETOUR PLAN.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\P3497_SH_DU_35.dgn						
TIME	10:31:21 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. -
DATE	4/30/2014				JOB NUMBER		
PLOTTED BY	WentzD						
DESIGNED BY	F. SHULER						
ENTERED BY	F. SHULER				CONTRACT NO.		LOCATION NO. XL3497
CHECKED BY	D. WENTZ						
PROJ. ENGR.	J. PEREZ	AD1 SIGN CALLOUT ADJUSTMENT	5/2/2014	DW			
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

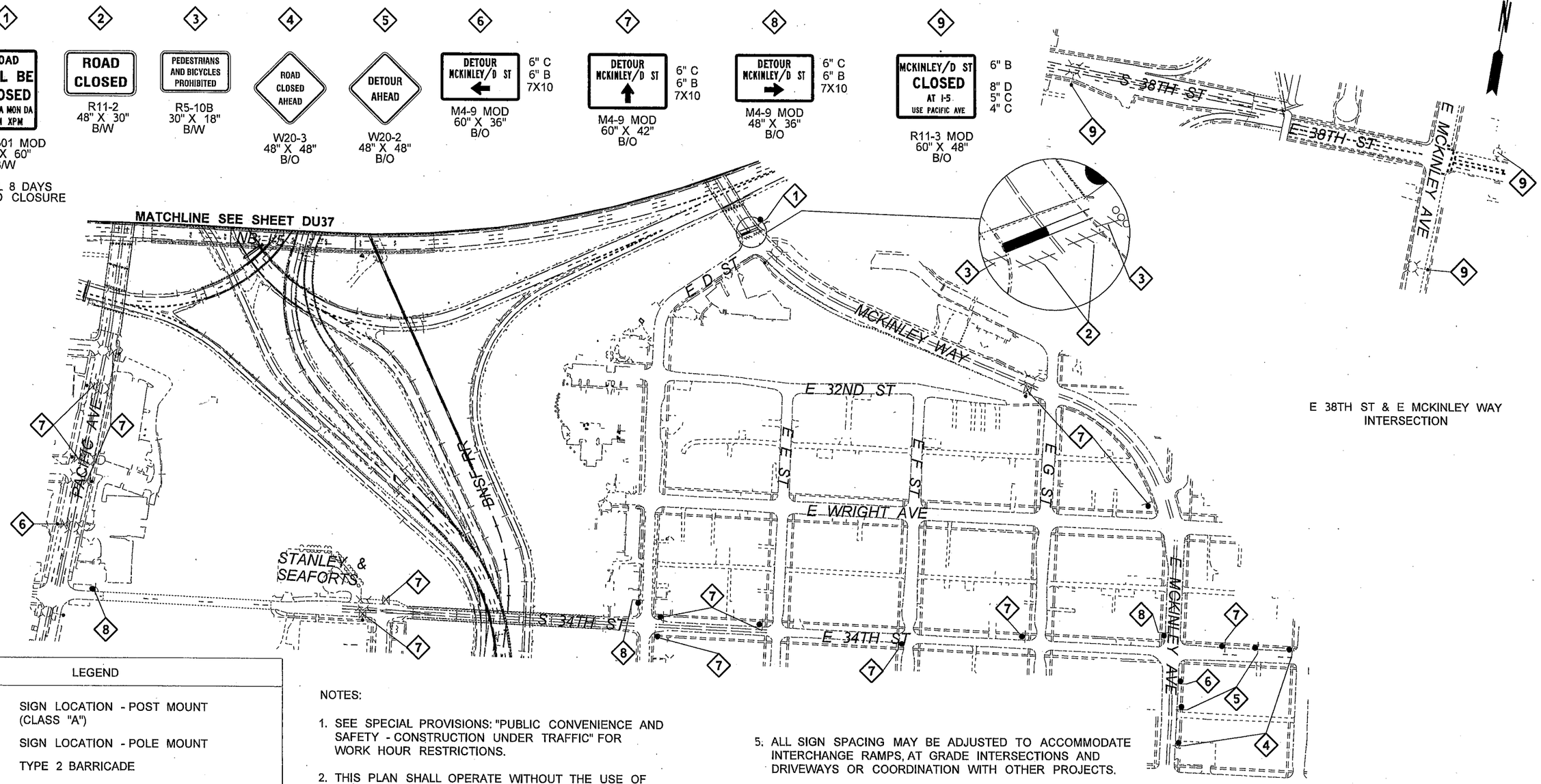
DETOUR PLAN

PLAN REF NO DU35

SHEET 1759 OF 1763 SHEETS

STAGES 2, 3 AND 4

McKINLEY WAY/ E D ST CLOSURE AND DETOUR



LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - POLE MOUNT
- TYPE 2 BARRICADE
- TYPE 3 BARRICADE
- TEMPORARY CONCRETE BARRIER
- EXISTING LIGHT STANDARD
- EXISTING TIMBER POLE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARDS DETAILS.
5. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU34, DU35 AND DU38.
7. SEE DU39 FOR PEDESTRIAN DETOUR PLAN.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\P3497_SH_DU_36.dgn
TIME	1:28:02 PM
DATE	2/25/2014
PLOTTED BY	ShulerF
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

DETOUR PLAN

PLAN REF NO DU36

SHEET 1760 OF 1763 SHEETS

STAGES 2, 3 AND 4

McKINLEY WAY/ E D ST CLOSURE AND DETOUR

1 — ROAD WILL BE CLOSED MON DA MON DA XAM XPM
R11-1501 MOD
48" X 60"
B/W

INSTALL 8 DAYS PRIOR TO CLOSURE

2 — ROAD CLOSED
R11-2
48" X 30"
B/W

3 — PEDESTRIANS AND BICYCLES PROHIBITED
R5-10B
30" X 18"
B/W

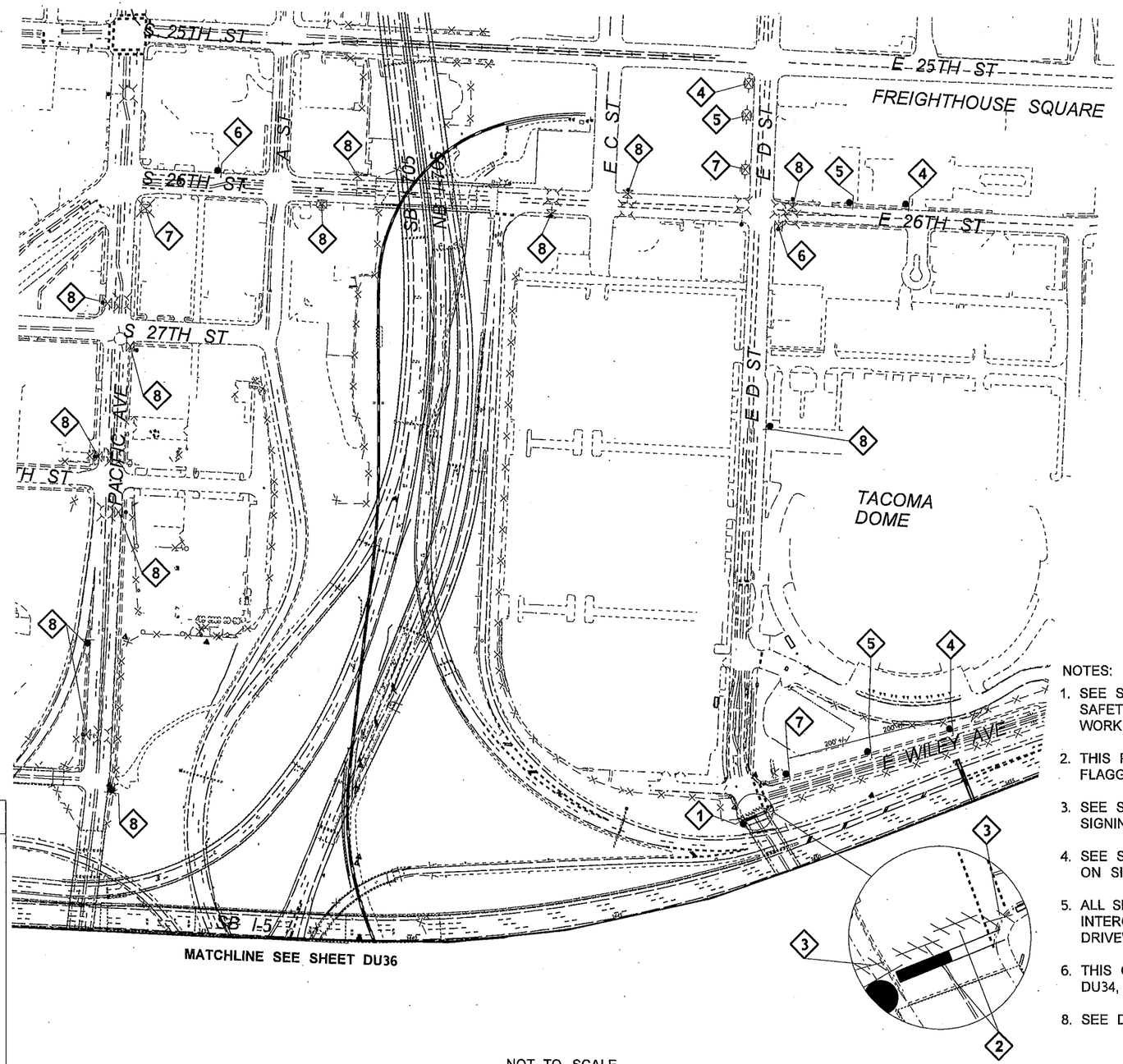
4 — ROAD WORK AHEAD
W20-1
48" X 48"
B/O

5 — DETOUR AHEAD
W20-2
48" X 48"
B/O

6 — DETOUR MCKINLEY/D ST ←
6" C
6" B
7X10
M4-9 MOD
60" X 36"
B/O

7 — DETOUR MCKINLEY/D ST →
6" C
6" B
7X10
M4-9 MOD
60" X 36"
B/O

8 — DETOUR MCKINLEY/D ST ↑
6" C
6" B
7X10
M4-9 MOD
60" X 42"
B/O



NOT TO SCALE

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - POLE MOUNT
- TYPE 2 BARRICADE
- TYPE 3 BARRICADE
- TEMPORARY CONCRETE BARRIER
- EXISTING LIGHT STANDARD
- EXISTING TIMBER POLE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARDS DETAILS.
5. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU34, DU35 AND DU38.
8. SEE DU39 FOR PEDESTRIAN DETOUR PLAN.

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Detour\P3497_SH_DU_37.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	1:28:07 PM				JOB NUMBER		
DATE	2/25/2014						
PLOTTED BY	ShulerF						
DESIGNED BY	D. WENTZ				CONTRACT NO.		LOCATION NO. XL3497
ENTERED BY	D. WENTZ						
CHECKED BY	R. CRUMBLEY						
PROJ. ENGR.	J. PEREZ						
REGIONAL ADM.	K. DAYTON	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

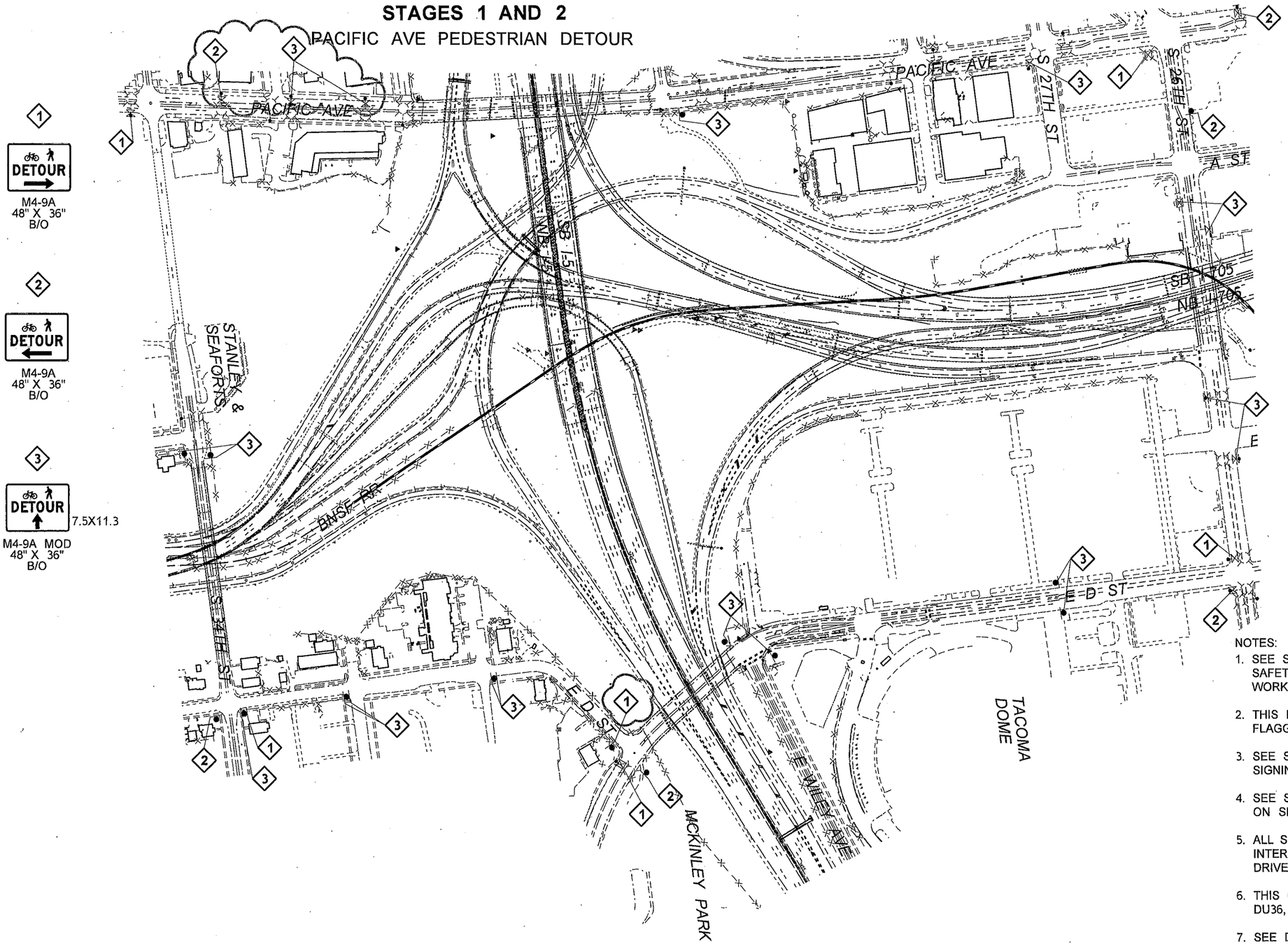
DETOUR PLAN

PLAN REF NO DU37

SHEET 1761 OF 1763 SHEETS

STAGES 1 AND 2

PACIFIC AVE PEDESTRIAN DETOUR



1 — DETOUR — M4-9A 48" X 36" B/O

2 — DETOUR — M4-9A 48" X 36" B/O

3 — DETOUR — 7.5X11.3 — M4-9A MOD 48" X 36" B/O

LEGEND
SIGN LOCATION - POST MOUNT (CLASS "A")
SIGN LOCATION - POLE MOUNT
EXISTING CHANNELIZING DEVICE
EXISTING SEQUENTIAL ARROW SIGN - TYPE B
EXISTING TYPE 2 BARRICADE
EXISTING TYPE 3 BARRICADE
EXISTING LIGHT STANDARD
EXISTING TIMBER POLE

NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
4. SEE STANDARD PLAN G-30.10 FOR SIGN INSTALLATION ON SIGNAL AND LIGHT STANDARDS DETAILS.
5. ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT GRADE INTERSECTIONS AND DRIVEWAYS OR COORDINATION WITH OTHER PROJECTS.
6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU36, DU37 AND DU39.
7. SEE DU34 AND DU35 FOR DETOUR PLAN.

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Pedestrian Control\ADD1_P3497_SH_DU_38.dgn
TIME	1:24:24 PM
DATE	4/30/2014
PLOTTED BY	WentzD
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
ADD1 ADDED SIGNS/CHANGED SIGN	5/2/2014	DW

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

PEDESTRIAN DETOUR

PLAN REF NO DU38

SHEET 1762 OF 1763 SHEETS

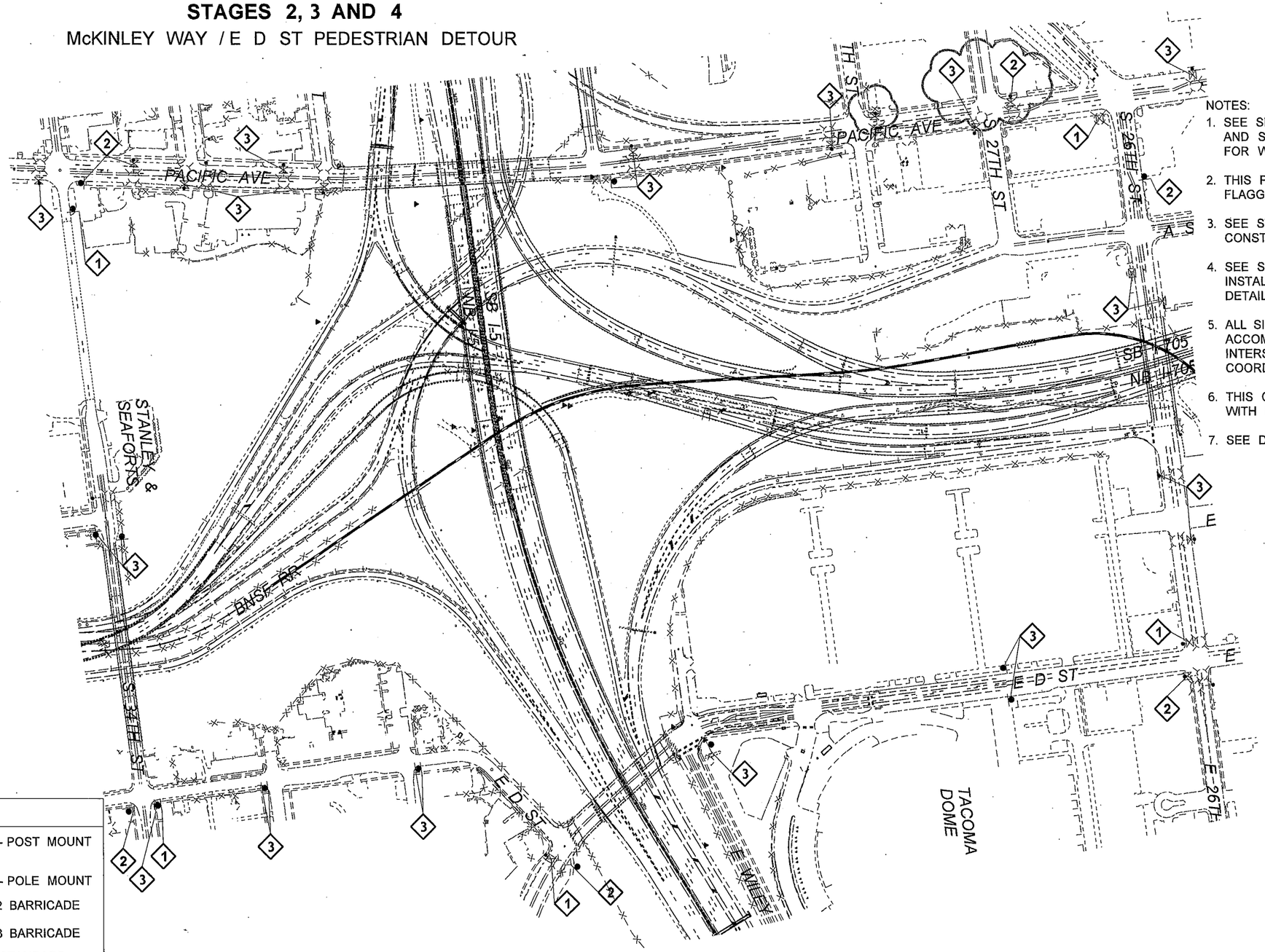
STAGES 2, 3 AND 4

McKINLEY WAY / E D ST PEDESTRIAN DETOUR

1 — DETOUR →
M4-9A
48" X 36"
B/O

2 — DETOUR ←
M4-9A
48" X 36"
B/O

3 — DETOUR ↑ 7.5X11.3
M4-9A MOD
48" X 36"
B/O



NOTES:

1. SEE SPECIAL PROVISIONS: "PUBLIC CONVENIENCE AND SAFETY - CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS.
2. THIS PLAN SHALL OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
3. SEE STANDARD PLAN K-80.10 FOR CLASS A CONSTRUCTION SIGNING INSTALLATION.
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6. THIS CLOSURE SHALL NOT OCCUR CONCURRENTLY WITH DU34, DU35 AND DU38.
7. SEE DU36 AND DU37 FOR DETOUR PLAN.

LEGEND

- SIGN LOCATION - POST MOUNT (CLASS "A")
- SIGN LOCATION - POLE MOUNT
- EXISTING TYPE 2 BARRICADE
- EXISTING TYPE 3 BARRICADE
- EXISTING LIGHT STANDARD
- EXISTING TIMBER POLE

NOT TO SCALE

FILE NAME	PW:_XL3497\PS&E Sheets\Traffic Control\Sheet Files\Pedestrian Control\ADD1_P3497_SH_DU_39.dgn
TIME	1:24:31 PM
DATE	4/30/2014
PLOTTED BY	WentzD
DESIGNED BY	D. WENTZ
ENTERED BY	D. WENTZ
CHECKED BY	R. CRUMBLEY
PROJ. ENGR.	J. PEREZ
REGIONAL ADM.	K. DAYTON

REVISION	DATE	BY
AD1 SIGN REMOVAL/CHANGE	5/2/2014	DW

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL3497

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5
M ST TO PORTLAND AVE - HOV

PEDESTRIAN DETOUR

PLAN REF NO DU39

SHEET 1763 OF 1763 SHEETS