



## Appendix S:

# ITS EQUIPMENT DEPLOYED IN IDAS

### CONTENTS

**Table S-1. ITS Equipment Deployed in IDAS**

ITS Option	Equipment Deployed	User Action	#	Opening Year
<b>Central Control Signal Coordination</b>				
River Road	Linked Signal System LAN	Pre Existing	1	2005
River Road	DS1 Communication Line (1.544 Mbps capacity)	Do Not Install	1	2005
River Road	Hardware for Signal Control	Share with other equipment	1	2005
River Road	Software, Integration for Signal	Share with other equipment	1	2005
River Road	Labor for Signal Control	Share with other equipment	1	2005
River Road	Signal Controller Upgrade for Signal Control	Install New	6	2005
OR 126	Linked Signal System LAN	Pre Existing	1	2008
OR 126	DS1 Communication Line (1.544 Mbps capacity)	Do Not Install	1	2008
OR 126	Hardware for Signal Control	Share with other equipment	1	2008
OR 126	Software, Integration for Signal	Share with other equipment	1	2008
OR 126	Labor for Signal Control	Share with other equipment	1	2008
OR 126	Signal Controller Upgrade for Signal Control	Install New	12	2008
Coburg Road	Linked Signal System LAN	Pre Existing	1	2007
Coburg Road	DS1 Communication Line (1.544 Mbps capacity)	Do Not Install	1	2007
Coburg Road	Hardware for Signal Control	Share with other equipment	1	2007

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
Coburg Road	Software, Integration for Signal	Share with other equipment	1	2007
Coburg Road	Labor for Signal Control	Share with other equipment	1	2007
Coburg Road	Signal Controller Upgrade for Signal Control	Pre Existing	14	2007
Mohawk Blvd	Linked Signal System LAN	Pre Existing	1	2011
Mohawk Blvd	DS1 Communication Line (1.544 Mbps capacity)	Do Not Install	1	2011
Mohawk Blvd	Hardware for Signal Control	Share with other equipment	1	2011
Mohawk Blvd	Software, Integration for Signal	Share with other equipment	1	2011
Mohawk Blvd	Labor for Signal Control	Share with other equipment	1	2011
Mohawk Blvd	Signal Controller Upgrade for Signal Control	Install New	6	2011
OR BUS 126	Linked Signal System LAN	Pre Existing	1	2010
OR BUS 126	DS1 Communication Line (1.544 Mbps capacity)	Do Not Install	1	2010
OR BUS 126	Hardware for Signal Control	Share with other equipment	1	2010
OR BUS 126	Software, Integration for Signal	Share with other equipment	1	2010
OR BUS 126	Labor for Signal Control	Share with other equipment	1	2010
OR BUS 126	Signal Controller Upgrade for Signal Control	Install New	18	2010
<b>Actuated Control Signal Coordination</b>				
Gateway Street	Linked Signal System LAN	Pre Existing	1	2009
Gateway Street	Signal Controller Upgrade for Signal Control	Install New	9	2009
<b>Transit Vehicle Signal Priority</b>				
Coburg Rd, Pioneer Pkwy, Hayden Bridge Wy	Cell Based Communication Equipment	Install New	125	2007
Coburg Rd, Pioneer Pkwy, Hayden Bridge Wy	Signal Preemption Processor	Install New	125	2007
Coburg Rd, Pioneer Pkwy, Hayden Bridge Wy	Signal Preemption Receiver	Install New	24	2007
Coburg Rd, Pioneer Pkwy, Hayden Bridge Wy	Signal Controller Upgrade for Signal Preemption	Install New	24	2007

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
River Rd	Cell Based Communication Equipment	Share with other equipment	125	2009
River Rd	Signal Preemption Processor	Share with other equipment	125	2009
River Rd	Signal Preemption Receiver	Install New	13	2009
River Rd	Signal Controller Upgrade for Signal Preemption	Install New	13	2009
OR BUS 126	Cell Based Communication Equipment	Share with other equipment	125	2014
OR BUS 126	Signal Preemption Processor	Share with other equipment	125	2014
OR BUS 126	Signal Preemption Receiver	Install New	17	2014
OR BUS 126	Signal Controller Upgrade for Signal Preemption	Install New	17	2014
OR 126	Cell Based Communication Equipment	Share with other equipment	125	2015
OR 126	Signal Preemption Processor	Share with other equipment	125	2015
OR 126	Signal Preemption Receiver	Install New	32	2015
OR 126	Signal Controller Upgrade for Signal Preemption	Install New	32	2015
Franklin Blvd	Cell Based Communication Equipment	Share with other equipment	125	2006
Franklin Blvd	Signal Preemption Processor	Share with other equipment	125	2006
Franklin Blvd	Signal Preemption Receiver	Install New	12	2006
Franklin Blvd	Signal Controller Upgrade for Signal Preemption	Install New	12	2006
<b>Pre-Set Ramp Metering</b>				
Delta Highway	Ramp Meter	Install New	4	2010
Delta Highway	Loop Detector (Double Set)4	Install New	8	2010
Beltline Highway	Ramp Meter	Install New	14	2007
Beltline Highway	Loop Detector (Double Set)4	Install New	28	2007
Eugene-Springfield Highway	Ramp Meter	Install New	10	2012
Eugene-Springfield Highway	Loop Detector (Double Set)4	Install New	20	2012
I-5	Ramp Meter	Install New	9	2008
I-5	Loop Detector (Double Set)4	Install New	18	2008
I-5	Ramp Meter	Share with other equipment	2	2008

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
I-5	Loop Detector (Double Set)4	Share with other equipment	4	2008
<b>Incident Detection/Verification/Response/Management Combined</b>				
Beltline Hwy- River Rd to I-5	Video Monitors, Wall for Incident Detection	Install New	1	2004
Beltline Hwy- River Rd to I-5	Hardware for Incident Detection	Install New	1	2004
Beltline Hwy- River Rd to I-5	Integration for Incident Detection	Install New	1	2004
Beltline Hwy- River Rd to I-5	Software for Incident Detection	Install New	1	2004
Beltline Hwy- River Rd to I-5	Labor for Incident Detection	Install New	1	2004
Beltline Hwy- River Rd to I-5	Video Monitor for Incident Response	Install New	1	2004
Beltline Hwy- River Rd to I-5	Hardware for Incident Response	Install New	1	2004
Beltline Hwy- River Rd to I-5	Integration for Incident Response	Install New	1	2004
Beltline Hwy- River Rd to I-5	Software for Incident Response	Install New	1	2004
Beltline Hwy- River Rd to I-5	Labor for Incident Response	Install New	1	2004
Beltline Hwy- River Rd to I-5	Emergency Response Hardware	Install New	1	2004
Beltline Hwy- River Rd to I-5	Emergency Response Software	Install New	1	2004
Beltline Hwy- River Rd to I-5	Emergency Response Labor	Install New	1	2004
Beltline Hwy- River Rd to I-5	DS0 Communication Line (56 Kbps capacity)	Install New	1	2004
Beltline Hwy- Barger Rd to River Rd	Video Monitors, Wall for Incident Detection	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Hardware for Incident Detection	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Integration for Incident Detection	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Software for Incident Detection	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Labor for Incident Detection	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Video Monitor for Incident Response	Install New	1	2006

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
Beltline Hwy- Barger Rd to River Rd	Hardware for Incident Response	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Integration for Incident Response	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Software for Incident Response	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Labor for Incident Response	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Emergency Response Hardware	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Emergency Response Software	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	Emergency Response Labor	Install New	1	2006
Beltline Hwy- Barger Rd to River Rd	DS0 Communication Line (56 Kbps capacity)	Install New	1	2006
Beltline Hwy- OR 126 to Barger Rd	Video Monitors, Wall for Incident Detection	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Hardware for Incident Detection	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Integration for Incident Detection	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Software for Incident Detection	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Labor for Incident Detection	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Video Monitor for Incident Response	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Hardware for Incident Response	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Integration for Incident Response	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Software for Incident Response	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Labor for Incident Response	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Emergency Response Hardware	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Emergency Response Software	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	Emergency Response Labor	Install New	1	2007
Beltline Hwy- OR 126 to Barger Rd	DS0 Communication Line (56 Kbps capacity)	Install New	1	2007

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
Eugene-Springfield Hwy-I-5 to OR BUS 126	Video Monitors, Wall for Incident Detection	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Hardware for Incident Detection	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Integration for Incident Detection	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Software for Incident Detection	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Labor for Incident Detection	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Video Monitor for Incident Response	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Hardware for Incident Response	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Integration for Incident Response	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Software for Incident Response	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Labor for Incident Response	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Emergency Response Hardware	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Emergency Response Software	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	Emergency Response Labor	Install New	1	2009
Eugene-Springfield Hwy-I-5 to OR BUS 126	DS0 Communication Line (56 Kbps capacity)	Install New	1	2009
Eugene-Springfield Hwy-OR 126 to I-5	Video Monitors, Wall for Incident Response	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Hardware for Incident Detection	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Integration for Incident Detection	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Software for Incident Detection	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Labor for Incident Detection	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Video Monitor for Incident Response	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Hardware for Incident Response	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Integration for Incident Response	Install New	1	2010

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
Eugene-Springfield Hwy-OR 126 to I-5	Software for Incident Response	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Labor for Incident Response	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Emergency Response Hardware	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Emergency Response Software	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	Emergency Response Labor	Install New	1	2010
Eugene-Springfield Hwy-OR 126 to I-5	DS0 Communication Line (56 Kbps capacity)	Install New	1	2010
I-5- OR 99 to OR BUS 126	Video Monitors, Wall for Incident Detection	Install New	1	2011
I-5- OR 99 to OR BUS 126	Hardware for Incident Detection	Install New	1	2011
I-5- OR 99 to OR BUS 126	Integration for Incident Detection	Install New	1	2011
I-5- OR 99 to OR BUS 126	Software for Incident Detection	Install New	1	2011
I-5- OR 99 to OR BUS 126	Labor for Incident Detection	Install New	1	2011
I-5- OR 99 to OR BUS 126	Video Monitor for Incident Response	Install New	1	2011
I-5- OR 99 to OR BUS 126	Hardware for Incident Response	Install New	1	2011
I-5- OR 99 to OR BUS 126	Integration for Incident Response	Install New	1	2011
I-5- OR 99 to OR BUS 126	Software for Incident Response	Install New	1	2011
I-5- OR 99 to OR BUS 126	Labor for Incident Response	Install New	1	2011
I-5- OR 99 to OR BUS 126	Emergency Response Hardware	Install New	1	2011
I-5- OR 99 to OR BUS 126	Emergency Response Software	Install New	1	2011
I-5- OR 99 to OR BUS 126	Emergency Response Labor	Install New	1	2011
I-5- OR 99 to OR BUS 126	DS0 Communication Line (56 Kbps capacity)	Install New	1	2011
I-5- OR BUS 126 to Beltline Hwy	Video Monitors, Wall for Incident Response	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Hardware for Incident Detection	Install New	1	2012

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
I-5- OR BUS 126 to Beltline Hwy	Integration for Incident Detection	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Software for Incident Detection	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Labor for Incident Detection	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Video Monitor for Incident Response	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Hardware for Incident Response	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Integration for Incident Response	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Software for Incident Response	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Labor for Incident Response	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Emergency Response Hardware	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Emergency Response Software	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	Emergency Response Labor	Install New	1	2012
I-5- OR BUS 126 to Beltline Hwy	DS0 Communication Line (56 Kbps capacity)	Install New	1	2012
I-5- North of Beltline Hwy	Video Monitors, Wall for Incident Detection	Install New	1	2013
I-5- North of Beltline Hwy	Hardware for Incident Detection	Install New	1	2013
I-5- North of Beltline Hwy	Integration for Incident Detection	Install New	1	2013
I-5- North of Beltline Hwy	Software for Incident Detection	Install New	1	2013
I-5- North of Beltline Hwy	Labor for Incident Detection	Install New	1	2013
I-5- North of Beltline Hwy	Video Monitor for Incident Response	Install New	1	2013
I-5- North of Beltline Hwy	Hardware for Incident Response	Install New	1	2013
I-5- North of Beltline Hwy	Integration for Incident Response	Install New	1	2013
I-5- North of Beltline Hwy	Software for Incident Response	Install New	1	2013
I-5- North of Beltline Hwy	Labor for Incident Response	Install New	1	2013

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
I-5- North of Beltline Hwy	Emergency Response Hardware	Install New	1	2013
I-5- North of Beltline Hwy	Emergency Response Software	Install New	1	2013
I-5- North of Beltline Hwy	Emergency Response Labor	Install New	1	2013
I-5- North of Beltline Hwy	DS0 Communication Line (56 Kbps capacity)	Install New	1	2013
<b>Highway Advisory Radio</b>				
Beltline Hwy- Approaching Eugene	Hardware for Traffic Information Dissemination	Install New	1	2009
Beltline Hwy- Approaching Eugene	Software for Traffic Information Dissemination	Install New	1	2009
Beltline Hwy- Approaching Eugene	Integration for Traffic Information Dissemination	Install New	1	2009
Beltline Hwy- Approaching Eugene	DS0 Communication Line (56 Kbps capacity)	Install New	1	2009
Beltline Hwy- Approaching Eugene	Highway Advisory Radio	Install New	1	2009
I-5- SB Approaching Eugene	Hardware for Traffic Information Dissemination	Install New	1	2011
I-5- SB Approaching Eugene	Software for Traffic Information Dissemination	Install New	1	2011
I-5- SB Approaching Eugene	Integration for Traffic Information Dissemination	Install New	1	2011
I-5- SB Approaching Eugene	DS0 Communication Line (56 Kbps capacity)	Install New	1	2011
I-5- SB Approaching Eugene	Highway Advisory Radio	Install New	1	2011
I-5- NB Approaching Eugene	Hardware for Traffic Information Dissemination	Install New	1	2008
I-5- NB Approaching Eugene	Software for Traffic Information Dissemination	Install New	1	2008
I-5- NB Approaching Eugene	Integration for Traffic Information Dissemination	Install New	1	2008
I-5- NB Approaching Eugene	DS0 Communication Line (56 Kbps capacity)	Install New	1	2008
I-5- NB Approaching Eugene	Highway Advisory Radio	Install New	1	2008
OR BUS 126- WB Approaching Eugene	Hardware for Traffic Information Dissemination	Install New	1	2015
OR BUS 126- WB Approaching Eugene	Software for Traffic Information Dissemination	Install New	1	2015

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
OR BUS 126- WB Approaching Eugene	Integration for Traffic Information Dissemination	Install New	1	2015
OR BUS 126- WB Approaching Eugene	DS0 Communication Line (56 Kbps capacity)	Install New	1	2015
OR BUS 126- WB Approaching Eugene	Highway Advisory Radio	Install New	1	2015
OR 126- EB Approaching Eugene	Hardware for Traffic Information Dissemination	Install New	1	2014
OR 126- EB Approaching Eugene	Software for Traffic Information Dissemination	Install New	1	2014
OR 126- EB Approaching Eugene	Integration for Traffic Information Dissemination	Install New	1	2014
OR 126- EB Approaching Eugene	DS0 Communication Line (56 Kbps capacity)	Install New	1	2014
OR 126- EB Approaching Eugene	Highway Advisory Radio	Install New	1	2014
<b>Freeway Dynamic Message Sign</b>				
OR BUS 126- East of Eugene-Springfield Hwy	Hardware for Traffic Information Dissemination	Install New	1	2008
OR BUS 126- East of Eugene-Springfield Hwy	Software for Traffic Information Dissemination	Install New	1	2008
OR BUS 126- East of Eugene-Springfield Hwy	Integration for Traffic Information Dissemination	Install New	1	2008
OR BUS 126- East of Eugene-Springfield Hwy	Labor for Traffic Information Dissemination	Install New	1	2008
OR BUS 126- East of Eugene-Springfield Hwy	DS0 Communication Line (56 Kbps capacity)	Install New	1	2008
OR BUS 126- East of Eugene-Springfield Hwy	Variable Message Sign	Install New	1	2008
OR BUS 126- East of Eugene-Springfield Hwy	Variable Message Sign Tower	Install New	1	2008
I-5- North of 30th Ave & Beltline Hwy East of River Rd	Hardware for Traffic Information Dissemination	Install New	1	2006
I-5- North of 30th Ave & Beltline Hwy East of River Rd	Software for Traffic Information Dissemination	Install New	1	2006
I-5- North of 30th Ave & Beltline Hwy East of River Rd	Integration for Traffic Information Dissemination	Install New	1	2006
I-5- North of 30th Ave & Beltline Hwy East of River Rd	Labor for Traffic Information Dissemination	Install New	1	2006

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
I-5- North of 30th Ave & Beltline Hwy East of River Rd	DS0 Communication Line (56 Kbps capacity)	Install New	2	2006
I-5- North of 30th Ave & Beltline Hwy East of River Rd	Variable Message Sign	Install New	2	2006
I-5- North of 30th Ave & Beltline Hwy East of River Rd	Variable Message Sign Tower	Install New	2	2006
OR 126- West of Beltline Hwy	Hardware for Traffic Information Dissemination	Install New	1	2012
OR 126- West of Beltline Hwy	Software for Traffic Information Dissemination	Install New	1	2012
OR 126- West of Beltline Hwy	Integration for Traffic Information Dissemination	Install New	1	2012
OR 126- West of Beltline Hwy	Labor for Traffic Information Dissemination	Install New	1	2012
OR 126- West of Beltline Hwy	DS0 Communication Line (56 Kbps capacity)	Install New	1	2012
OR 126- West of Beltline Hwy	Variable Message Sign	Install New	1	2012
OR 126- West of Beltline Hwy	Variable Message Sign Tower	Install New	1	2012
I-5- South of OR 58 & I-5-North of Beltline Hwy	Hardware for Traffic Information Dissemination	Install New	1	2010
I-5- South of OR 58 & I-5-North of Beltline Hwy	Software for Traffic Information Dissemination	Install New	1	2010
I-5- South of OR 58 & I-5-North of Beltline Hwy	Integration for Traffic Information Dissemination	Install New	1	2010
I-5- South of OR 58 & I-5-North of Beltline Hwy	Labor for Traffic Information Dissemination	Install New	1	2010
I-5- South of OR 58 & I-5-North of Beltline Hwy	DS0 Communication Line (56 Kbps capacity)	Install New	3	2010
I-5- South of OR 58 & I-5-North of Beltline Hwy	Variable Message Sign	Install New	3	2010
I-5- South of OR 58 & I-5-North of Beltline Hwy	Variable Message Sign Tower	Install New	3	2010
OR 99- North of Clear Lake Rd & Beltline- East of Delta Hwy	Hardware for Traffic Information Dissemination	Install New	1	2015
OR 99- North of Clear Lake Rd & Beltline- East of Delta Hwy	Software for Traffic Information Dissemination	Install New	1	2015

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
OR 99- North of Clear Lake Rd & Beltline- East of Delta Hwy	Integration for Traffic Information Dissemination	Install New	1	2015
OR 99- North of Clear Lake Rd & Beltline- East of Delta Hwy	Labor for Traffic Information Dissemination	Install New	1	2015
OR 99- North of Clear Lake Rd & Beltline- East of Delta Hwy	DS0 Communication Line (56 Kbps capacity)	Install New	2	2015
OR 99- North of Clear Lake Rd & Beltline- East of Delta Hwy	Variable Message Sign	Install New	2	2015
OR 99- North of Clear Lake Rd & Beltline- East of Delta Hwy	Variable Message Sign Tower	Install New	2	2015
Beltline- North of Barger & Beltline-West of River	Hardware for Traffic Information Dissemination	Install New	1	2013
Beltline- North of Barger & Beltline-West of River	Software for Traffic Information Dissemination	Install New	1	2013
Beltline- North of Barger & Beltline-West of River	Integration for Traffic Information Dissemination	Install New	1	2013
Beltline- North of Barger & Beltline-West of River	Labor for Traffic Information Dissemination	Install New	1	2013
Beltline- North of Barger & Beltline-West of River	DS0 Communication Line (56 Kbps capacity)	Install New	2	2013
Beltline- North of Barger & Beltline-West of River	Variable Message Sign	Install New	2	2013
Beltline- North of Barger & Beltline-West of River	Variable Message Sign Tower	Install New	2	2013
OR 126- East of I-5, East of Pioneer Pkwy, East of 42 <sup>nd</sup> , West of I-5	Hardware for Traffic Information Dissemination	Install New	1	2014
OR 126- East of I-5, East of Pioneer Pkwy, East of 42 <sup>nd</sup> , West of I-5	Software for Traffic Information Dissemination	Install New	1	2014
OR 126- East of I-5, East of Pioneer Pkwy, East of 42 <sup>nd</sup> , West of I-5	Integration for Traffic Information Dissemination	Install New	1	2014
OR 126- East of I-5, East of Pioneer Pkwy, East of 42 <sup>nd</sup> , West of I-5	Labor for Traffic Information Dissemination	Install New	1	2014
OR 126- East of I-5, East of Pioneer Pkwy, East of 42 <sup>nd</sup> , West of I-5	DS0 Communication Line (56 Kbps capacity)	Install New	4	2014

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
OR 126- East of I-5, East of Pioneer Pkwy, East of 42 <sup>nd</sup> , West of I-5	Variable Message Sign	Install New	4	2014
OR 126- East of I-5, East of Pioneer Pkwy, East of 42 <sup>nd</sup> , West of I-5	Variable Message Sign Tower	Install New	4	2014
I-5- South of OR 126 & Beltline-West of I-5 & OR BUS 126- West of I-5	Hardware for Traffic Information Dissemination	Install New	1	2007
I-5- South of OR 126 & Beltline-West of I-5 & OR BUS 126- West of I-5	Software for Traffic Information Dissemination	Install New	1	2007
I-5- South of OR 126 & Beltline-West of I-5 & OR BUS 126- West of I-5	Integration for Traffic Information Dissemination	Install New	1	2007
I-5- South of OR 126 & Beltline-West of I-5 & OR BUS 126- West of I-5	Labor for Traffic Information Dissemination	Install New	1	2007
I-5- South of OR 126 & Beltline-West of I-5 & OR BUS 126- West of I-5	DS0 Communication Line (56 Kbps capacity)	Install New	4	2007
I-5- South of OR 126 & Beltline-West of I-5 & OR BUS 126- West of I-5	Variable Message Sign	Install New	4	2007
I-5- South of OR 126 & Beltline-West of I-5 & OR BUS 126- West of I-5	Variable Message Sign Tower	Install New	4	2007
I-5- South of OR BUS 126 & I-105-South of OR 126	Hardware for Traffic Information Dissemination	Install New	1	2011
I-5- South of OR BUS 126 & I-105-South of OR 126	Software for Traffic Information Dissemination	Install New	1	2011
I-5- South of OR BUS 126 & I-105-South of OR 126	Integration for Traffic Information Dissemination	Install New	1	2011
I-5- South of OR BUS 126 & I-105-South of OR 126	Labor for Traffic Information Dissemination	Install New	1	2011
I-5- South of OR BUS 126 & I-105-South of OR 126	DS0 Communication Line (56 Kbps capacity)	Install New	2	2011
I-5- South of OR BUS 126 & I-105-South of OR 126	Variable Message Sign	Install New	2	2011
I-5- South of OR BUS 126 & I-105-South of OR 126	Variable Message Sign Tower	Install New	2	2011
<b>Railroad Grade Crossing Monitors</b>				
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	Software for Rail Crossing Monitor	Install New	1	2005

<b>ITS Option</b>	<b>Equipment Deployed</b>	<b>User Action</b>	<b>#</b>	<b>Opening Year</b>
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	Integration for Rail Crossing Monitor	Install New	1	2005
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	Labor for Rail Crossing Monitor	Install New	1	2005
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	Rail Crossing 4-quad gate, Signals	Install New	1	2005
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	Rail Crossing Controller	Install New	1	2005
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	Rail Crossing Pedestrian Warning Signal, Gates	Install New	1	2005
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	Rail Crossing Trapped Vehicle Detector	Install New	1	2005
OR BUS 126 Between 28 <sup>th</sup> St & 31 <sup>st</sup> St	DS1 Communication Line (1.544 Mbps capacity)	Install New	1	2005
<b>CCTV</b>				
0 – 5 Years	Hardware, Software for Traffic Surveillance	Install New	1	2007
0 – 5 Years	Integration for Traffic Surveillance	Install New	1	2007
0 – 5 Years	Video Camera	Install New	32	2007
0 – 5 Years	Video Camera Tower	Install New	32	2007
0 – 5 Years	DS1 Communication Line (1.544 Mbps capacity)	Install New	32	2007
0 – 5 Years	DS3 Communication Line (44.736 Mbps capacity)	Install New	4	2007
6 – 10 Years	Hardware, Software for Traffic Surveillance	Share with other equipment	1	2011
6 – 10 Years	Integration for Traffic Surveillance	Share with other equipment	1	2011
6 – 10 Years	Video Camera	Install New	34	2011
6 – 10 Years	Video Camera Tower	Install New	34	2011
6 – 10 Years	DS1 Communication Line (1.544 Mbps capacity)	Install New	34	2011
6 – 10 Years	DS3 Communication Line (44.736 Mbps capacity)	Install New	4.25	2011