INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
1 - 2	IN1 - IN2	INDEX
3	VP1	VICINITY MAP
-	SQ	SUMMARY OF QUANTITIES
-	RC	RECLAMATION PLAN
4 - 17	RS1 - RS14	ROADWAY SECTION
-	GS	GRADING SECTION
-	SU	STAGING PLAN
18 - 25	AL1 - AL8	ALIGNMENT AND RIGHT OF WAY
26 - 27	QTSP1 - QTSP2	QUANTITY TABULATION - SITE PREPARATION
28 - 35	SP1 - SP8	SITE PREPARATION PLAN
-	EU	EXISTING UTILITIES PLAN
36 - 44	RP1 - RP9	ROADWAY PROFILE
-	QTEC	QUANTITY TABULATION - TESC
45 - 52	EC1 - EC8	TESC PLAN
-	EC	TESC DETAIL
53 - 62	NTDR1 - NTDT10	STRUCTURE NOTES - DRAINAGE
63 - 70	DR1 - DR8	DRAINAGE PLAN
71 - 86	DP1 - DP16	DRAINAGE PROFILES
-	DR	DRAINAGE DETAIL
87 - 92	NTUT1 - NTUT6	STRUCTURE NOTES - UTILITIES
93 - 96	UT3, UT6 - UT8	UTILITY PLAN
-	UT	UTILITY DETAIL
-	NTIR	STRUCTURE NOTES - IRRIGATION

INDEX (CONTINUED)

SHEET NO.	PLAN REFERENCE NO.	TITLE
-	IR	IRRIGATION PLAN
-	IR	IRRIGATION DETAIL
-	LS	LANDSCAPE PLAN
-	CN	INTERCHANGE CONTOUR PLAN
97 - 106	PV1 - PV10	PAVING PLAN
-	PV	PAVING DETAIL
107 - 114	QTPM1 - QTPM8	QUANTITY TABULATION - PAVEMENT MARKING
115 - 124	PM1 - PM10	PAVEMENT MARKING PLAN
-	PM	PAVEMENT MARKING DETAIL
-	ST	MINOR STRUCTURES
125 - 132	IL1 - IL8	ILLUMINATION PLAN
-	IL9	ILLUMINATION SCHEDULE
-	IL9	ILLUMINATION DETAIL
-	SG	TRAFFIC SIGNAL PLAN
-	SG	TRAFFIC SIGNAL DETAIL
133 - 134	TS3, TS7	ITS PLAN
-	TS	ITS DETAIL

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	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IN.dgn					
TIME	10:42:14 AM					
DATE	11/23/2009					
PLOTTED BY	kerrt					
DESIGNED BY	DESIGNER					
ENTERED BY	CAD OPERATOR					
CHECKED BY	TEAM LEAD					
PROJ. ENGR.	PROJECT ENGINEER					
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

INDEX

Plot 1

PLAN REF. NO. IN1

SHEET OF SHEETS

INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
-	SS	SIGNING SPECIFICATION
135 - 142	SN1 - SN8	SIGNING PLAN
145	SN9	SIGNING SCHEDULE
-	BG	BRIDGE MAJOR STRUCTURES
-	BU	BUILDING PLAN
-	TC	TRAFFIC CONTROL PLAN
-	DU	DETOUR ROUTE PLAN

INDEX (CONTINUED)

SHEET NO.	PLAN REFERENCE NO.	TITLE

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	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IN.dgn					
TIME	10:42:16 AM				REGION NO. 10	STATE WASH
DATE	11/23/2009					FED.AID PROJ.NO. NH-0000(000)
PLOTTED BY	kerrt					
DESIGNED BY	DESIGNER				JOB NUMBER 00Z000	
ENTERED BY	CAD OPERATOR					
CHECKED BY	TEAM LEAD				CONTRACT NO.	LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER					
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

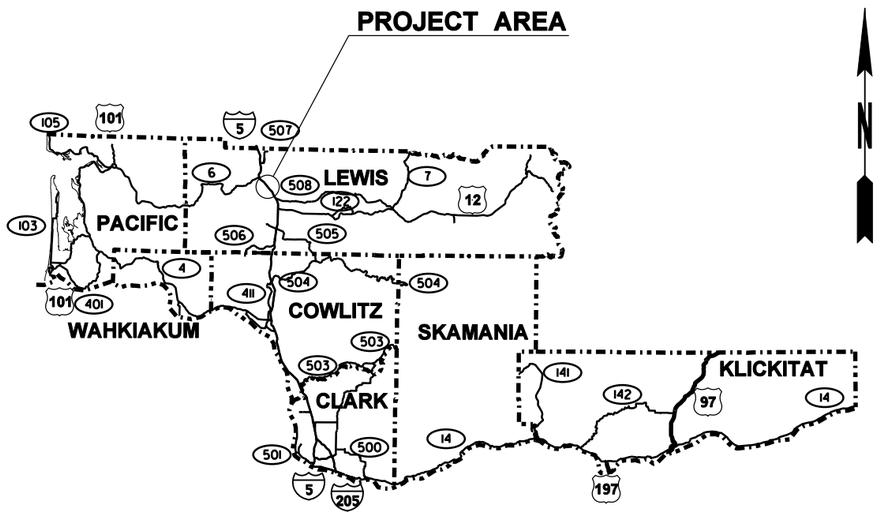
INDEX

Plot 2

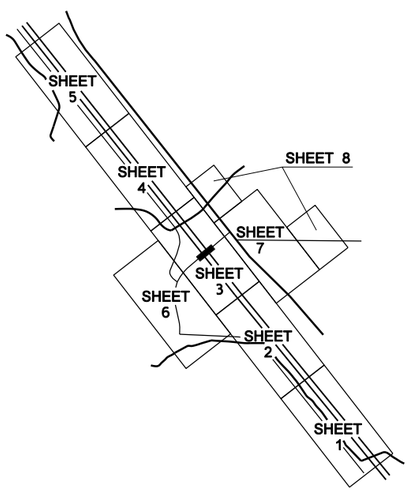
PLAN REF. NO. IN2

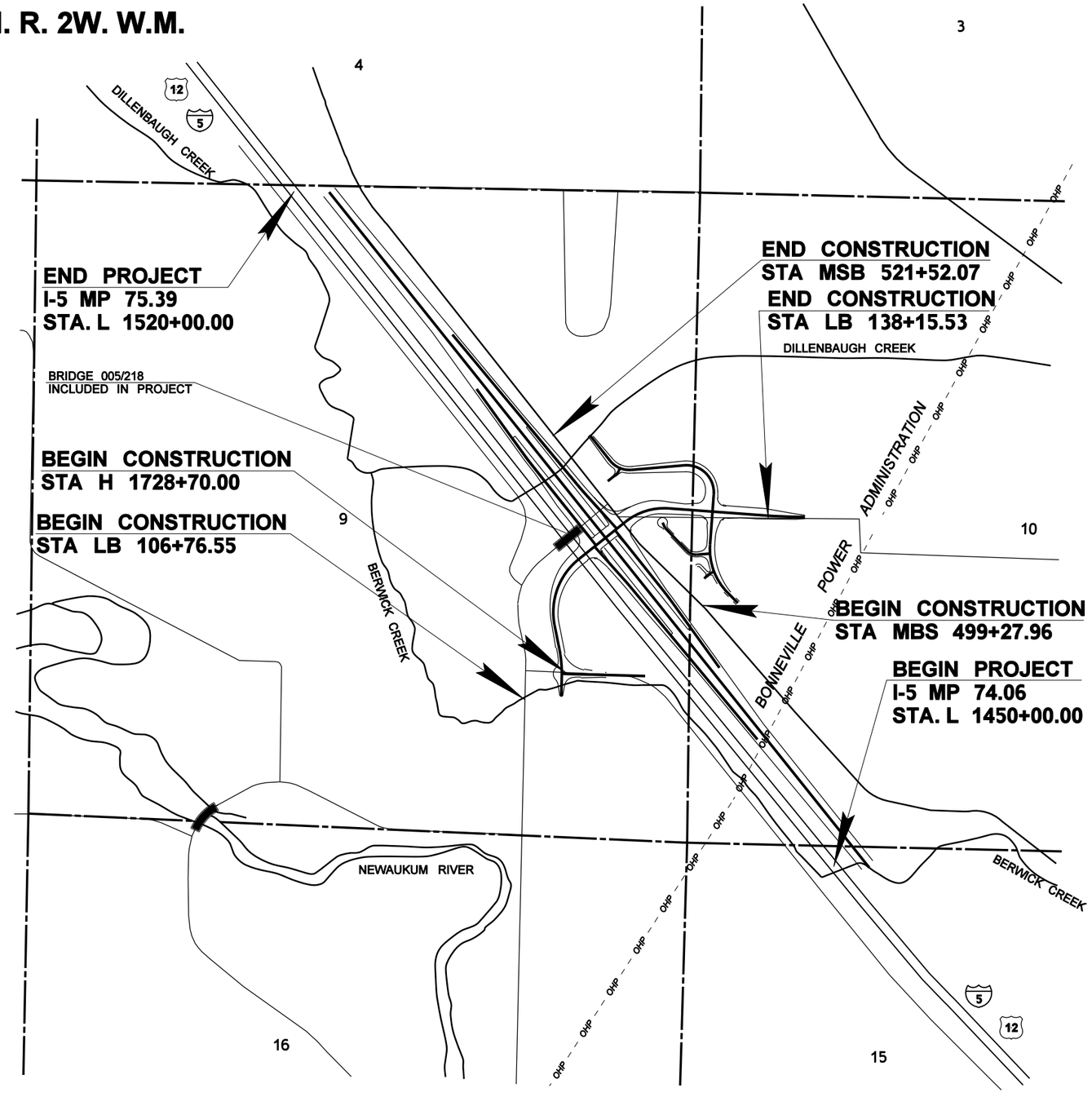
SHEET OF SHEETS

T. 13N. R. 2W. W.M.



SOUTHWEST REGION





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_VM.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	11:02:41 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

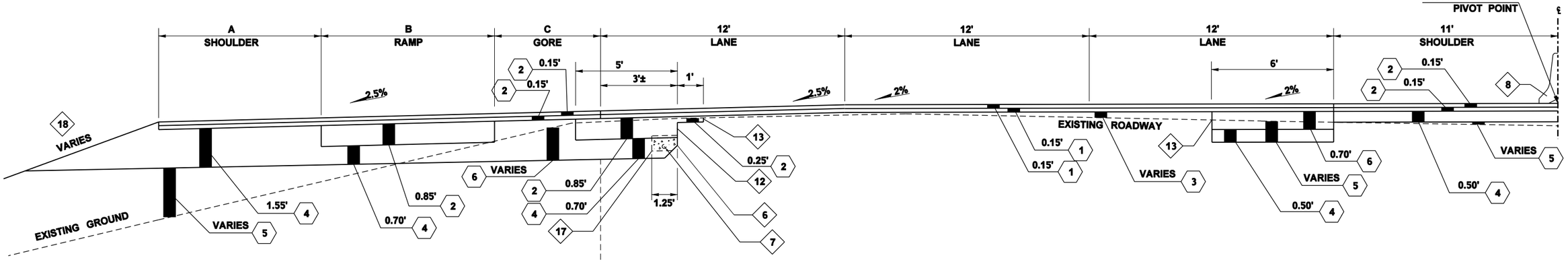
P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

VICINITY MAP

Plot 1
PLAN REF NO VM1
SHEET OF SHEETS



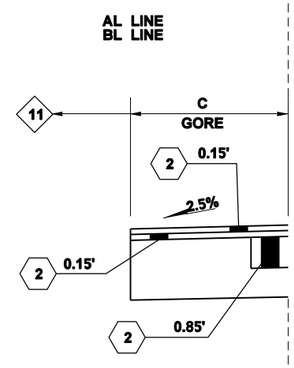
ROADWAY SECTION A-1

STATION RANGE	A	B	C
L 1450+25.14 (LT) TO L 1451+25.08 (LT)	10' - 8'	0' - 2'	0'
L 1451+25.08 (LT) TO L 1457+75.26 (LT)	8'	2' - 15'	0'
L 1457+75.26 (LT) TO L 1461+75.00 (LT)	8'	15'	0' - 12'
L 1500+10.94 (LT) TO L 1503+29.78 (LT)	8'	15'	16' - 0'
L 1503+29.78 (LT) TO L 1505+90.37 (LT)	8'	15' - 2'	0'
L 1505+90.37 (LT) TO L 1506+30.17 (LT)	8' - 10'	2' - 0'	0'
L 1506+30.17 (LT) TO L 1520+00.00 (LT)	10'	0'	0'

LEGEND

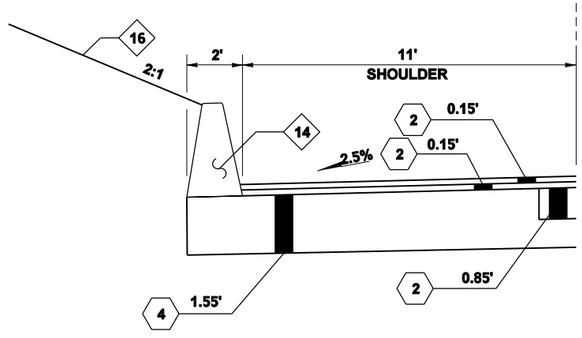
1. HMA CL. ½ IN. PG 70-22
2. HMA CL. ½ IN. PG 64-22
3. HMA FOR PRELEVELING CL.½ IN. PG 64-22
4. CRUSHED SURFACING BASE COURSE
5. SPECIAL BORROW INCL. HAUL
6. ROADWAY EXCAVATION INCL. HAUL
7. PLANING BITUMINOUS PAVEMENT
8. TOPSOIL TYPE B

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN



ROADWAY SECTION A-2

STATION RANGE	C
L 1461+75.00 (LT) TO L 1474+75.74 (LT)	12' - 11'
L 1497+29.70 (LT) TO L 1500+10.94 (LT)	11' - 16'



ROADWAY SECTION A-3

STATION RANGE
L 1474+75.74 (LT) TO L 1481+51.82 (LT)
L 1487+42.62 (LT) TO L 1495+17.30 (LT)

NOTES:

6. DO NOT MAKE VERTICAL CUT BELOW PCCP PANEL USE 1:1
7. 4" CORRUGATED PLASTIC UNDERDRAIN PIPE TO BE REMOVED AS PART OF ROADWAY EXCAVATION INCL. HAUL.
8. SEE STAGING AND TESC PLANS FOR BARRIER TYPE AND PLACEMENT
11. SEE SHOULDER DETAILS, REFERENCE SHEET R16
12. SAW CUT OR GRIND EDGE TO BE WITHIN 1" OF EDGE OF EXISTING CONC. PANEL EDGE
13. SAW CUT OR GRIND EDGE
14. SINGLE SLOPE BARRIER PRE-CAST TYPE SEE STANDARD PLAN C-13
16. CONCRETE SLOPE PROCTION SEE STANDARD PLAN A-30.10
18. SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:13 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

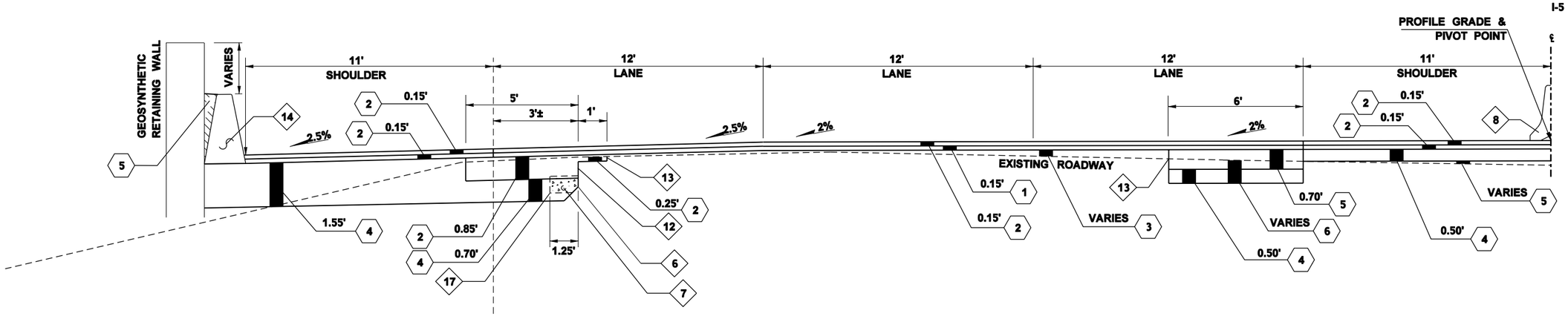
P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

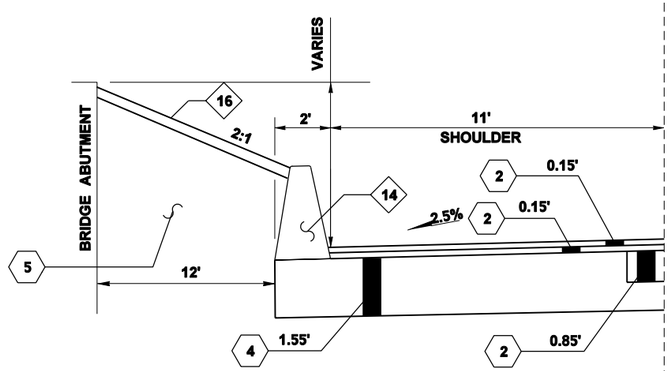
ROADWAY SECTION

Plot 1
PLAN REF NO RS1
SHEET OF SHEETS



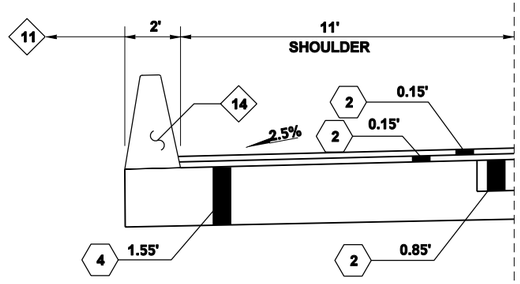
ROADWAY SECTION A-4

STATION RANGE
L 1481+51.82 (LT) TO L 1483+63.90 (LT)
L 1484+84.69 (LT) TO L 1487+42.62 (LT)



ROADWAY SECTION A-5

STATION RANGE
L 1483+63.90 (LT) TO L 1484+84.69 (LT)



ROADWAY SECTION A-6

STATION RANGE
L 1495+17.30 (LT) TO L 1497+29.70 (LT)

NOT TO SCALE

NOTES:

- 6 DO NOT MAKE VERTICAL CUT BELOW PCCP PANEL USE 1:1
- 7 4" CORRUGATED PLASTIC UNDERDRAIN PIPE TO BE REMOVED AS PART OF ROADWAY EXCAVATION INCL. HAUL.
- 8 SEE STAGING AND TESC PLANS FOR BARRIER TYPE AND PLACEMENT
- 11 SEE SHOULDER DETAILS, REFERENCE SHEET R16
- 12 SAW CUT OR GRIND EDGE TO BE WITHIN 1" OF EDGE OF EXISTING CONC. PANEL EDGE
- 13 SAW CUT OR GRIND EDGE
- 14 SINGLE SLOPE BARRIER PRE-CAST TYPE SEE STANDARD PLAN C-13
- 16 CONCRETE SLOPE PROCTION SEE STANDARD PLAN A-30.10
- 17 REMOVE FILTER FABRIC

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

- 1 HMA CL. ½ IN. PG 70-22
- 2 HMA CL. ½ IN. PG 64-22
- 3 HMA FOR PRELEVELING CL.½ IN. PG 64-22
- 4 CRUSHED SURFACING BASE COURSE
- 5 SPECIAL BORROW INCL. HAUL
- 6 ROADWAY EXCAVATION INCL. HAUL
- 7 PLANING BITUMINOUS PAVEMENT
- 8 TOPSOIL TYPE B

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:15 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

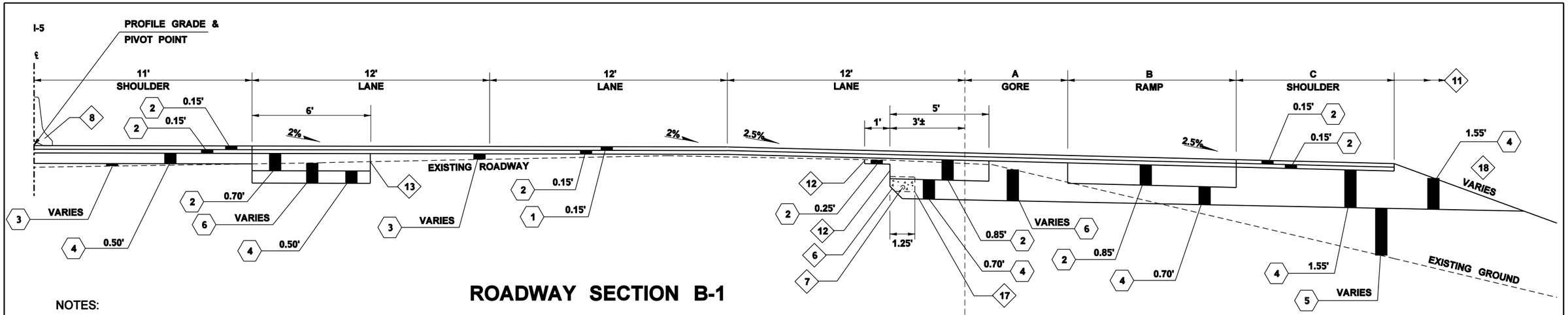
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY SECTION

Plot 2

PLAN REF NO RS2

SHEET OF SHEETS



ROADWAY SECTION B-1

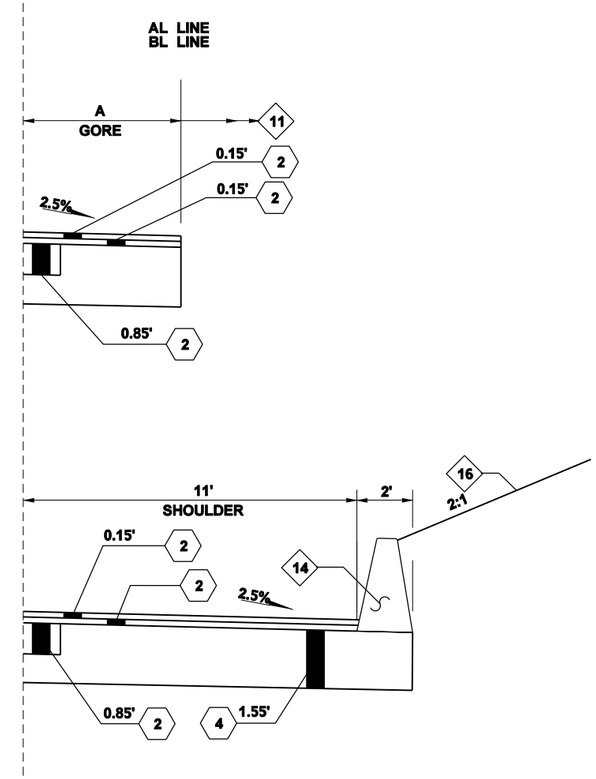
STATION RANGE	A	B	C
L 1450+25.14 (RT) TO L 1464+01.08 (RT)	0'	0'	10'
L 1461+01.08 (RT) TO L 1464+40.90 (RT)	0'	0' - 2'	10' - 8'
L 1464+40.90 (RT) TO L 1467+01.44 (RT)	0'	2' - 15'	8'
L 1467+01.44 (RT) TO L 1470+20.00 (RT)	0' - 16'	15'	8'
L 1504+76.00 (RT) TO L 1510+75.44 (RT)	12' - 0'	15'	8'
L 1510+75.44 (RT) TO L 1517+26.18 (RT)	0'	15' - 2'	8'
L 1517+26.18 (RT) TO L 1518+26.09 (RT)	0'	2' - 0'	8' - 10'
L 1518+26.09 (RT) TO L 1520+00.00 (RT)	0'	0'	10'

ROADWAY SECTION B-2

STATION RANGE	A
L 1470+20.00 (RT) TO L 1473+01.49 (RT)	16' - 11'
L 1495+17.30 (RT) TO L 1504+76.00 (RT)	11' - 12'

ROADWAY SECTION B-3

STATION RANGE
L 1473+01.49 (RT) TO L 1481+70.54 (RT)
L 1489+28.13 (RT) TO L 1495+17.30 (RT)



NOTES:

- 6 DO NOT MAKE VERTICAL CUT BELOW PCCP PANEL USE 1:1
- 7 4" CORRUGATED PLASTIC UNDERDRAIN PIPE TO BE REMOVED AS PART OF ROADWAY EXCAVATION INCL. HAUL.
- 8 SEE STAGING AND TESC PLANS FOR BARRIER TYPE AND PLACEMENT
- 11 SEE SHOULDER DETAILS, REFERENCE SHEET R16
- 12 SAW CUT OR GRIND EDGE TO BE WITHIN 1" OF EDGE OF EXISTING CONC. PANEL EDGE
- 13 SAW CUT OR GRIND EDGE
- 14 SINGLE SLOPE BARRIER PRE-CAST TYPE SEE STANDARD PLAN C-13
- 16 CONCRETE SLOPE PROCTION SEE STANDARD PLAN A-30.10
- 18 SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

- 1 HMA CL. ½ IN. PG 70-22
- 2 HMA CL. ½ IN. PG 64-22
- 3 HMA FOR PRELEVELING CL.½ IN. PG 64-22
- 4 CRUSHED SURFACING BASE COURSE
- 5 SPECIAL BORROW INCL. HAUL
- 6 ROADWAY EXCAVATION INCL. HAUL
- 7 PLANING BITUMINOUS PAVEMENT
- 8 TOPSOIL TYPE B

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn					
TIME	10:55:17 AM				REGION NO. 10	STATE WASH
DATE	11/23/2009					FED.AID PROJ.NO. NH-0000(000)
PLOTTED BY	kerrt				JOB NUMBER 00Z000	
DESIGNED BY	DESIGNER				CONTRACT NO.	LOCATION NO. SP1234
ENTERED BY	CAD OPERATOR					
CHECKED BY	TEAM LEAD					
PROJ. ENGR.	PROJECT ENGINEER					
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY		

P.E. STAMP BOX DATE

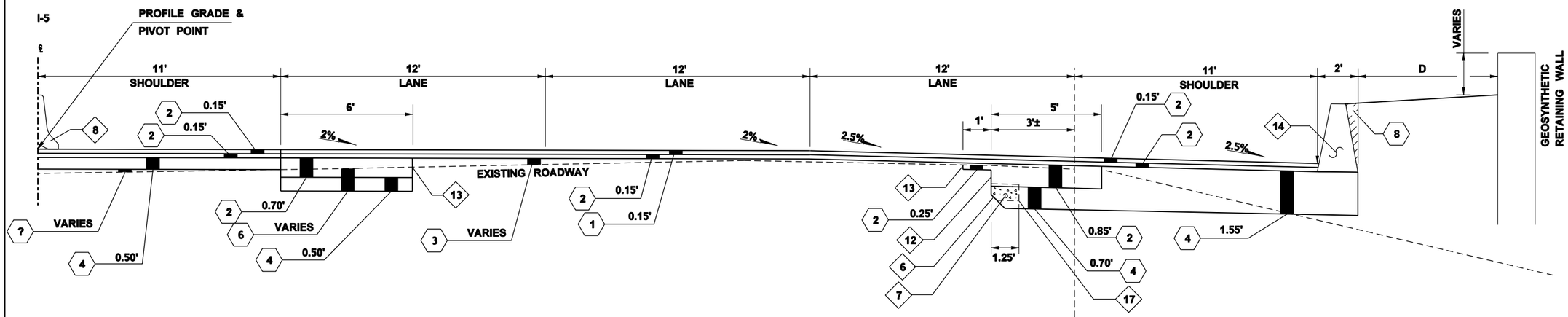
P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ROADWAY SECTION

Plot 3
PLAN REF NO RS3
SHEET OF SHEETS



NOTES:

- (6) DO NOT MAKE VERTICAL CUT BELOW PCCP PANEL USE 1:1
- (7) 4" CORRUGATED PLASTIC UNDERDRAIN PIPE TO BE REMOVED AS PART OF ROADWAY EXCAVATION INCL. HAUL.
- (8) SEE STAGING AND TESC PLANS FOR BARRIER TYPE AND PLACEMENT
- (11) SEE SHOULDER DETAILS, REFERENCE SHEET R16
- (12) SAW CUT OR GRIND EDGE TO BE WITHIN 1" OF EDGE OF EXISTING CONC. PANEL EDGE
- (13) SAW CUT OR GRIND EDGE
- (14) SINGLE SLOPE BARRIER PRE-CAST TYPE SEE STANDARD PLAN C-13
- (16) CONCRETE SLOPE PROCTION SEE STANDARD PLAN A-30.10
- (17) REMOVE FILTER FABRIC

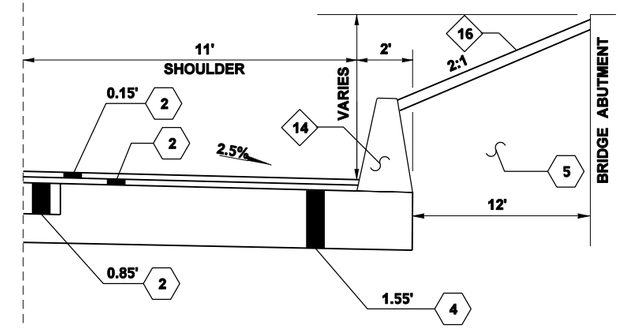
ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

- (1) HMA CL. ½ IN. PG 70-22
- (2) HMA CL. ½ IN. PG 64-22
- (3) HMA FOR PRELEVELING CL.½ IN. PG 64-22
- (4) CRUSHED SURFACING BASE COURSE
- (5) SPECIAL BORROW INCL. HAUL
- (6) ROADWAY EXCAVATION INCL. HAUL
- (7) PLANING BITUMINOUS PAVEMENT
- (8) TOPSOIL TYPE B

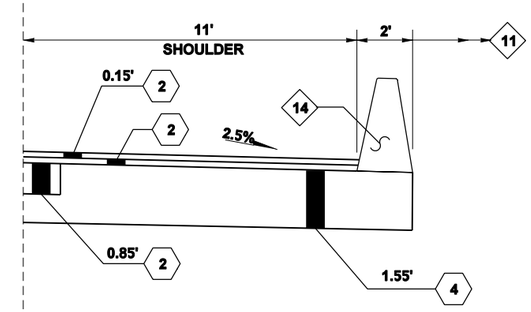
ROADWAY SECTION B-4

STATION RANGE	D
L 1481+70.54 (RT) TO L 1483+63.90 (RT)	0'
L 1484+84.44 (RT) TO L 1488+50.51 (RT)	0'
L 1488+50.51 (RT) TO L 1488+76.44 (RT)	0' - 27'
L 1488+76.44 (RT) TO L 1489+02.78 (RT)	27' - 26'
L 1489+02.78 (RT) TO L 1489+28.13 (RT)	26' - 0'



ROADWAY SECTION B-5

STATION RANGE
L 1483+63.90 (RT) TO L 1484+84.44 (RT)



ROADWAY SECTION B-6

STATION RANGE
L 1495+17.30 (RT) TO L 1497+29.70 (RT)

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:19 AM				JOB NUMBER 00Z000		
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

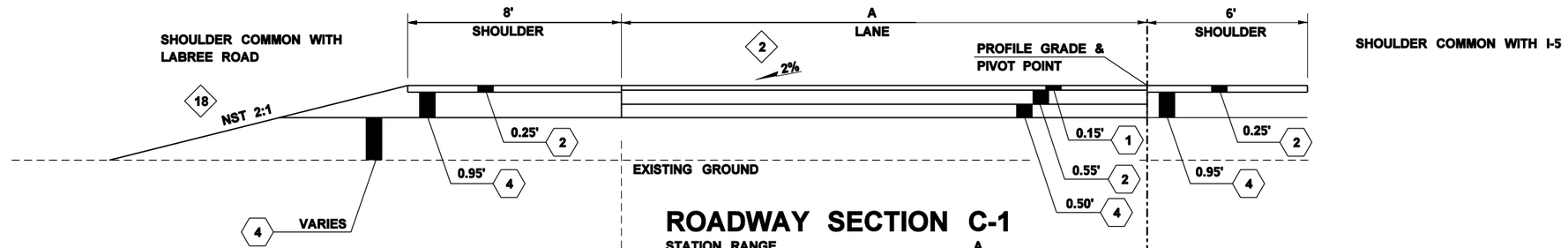
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY SECTION

Plot 4

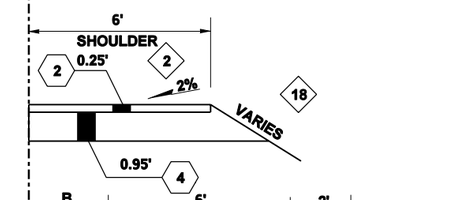
PLAN REF NO RS4

SHEET OF SHEETS



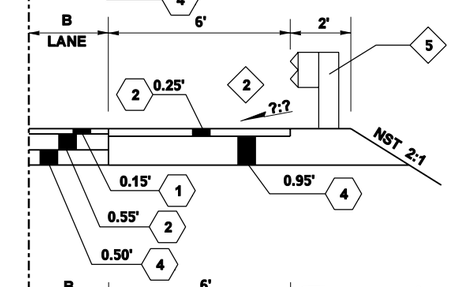
ROADWAY SECTION C-1

STATION RANGE	A
AL 1463+75.00 TO AL 1474+75.23	15'



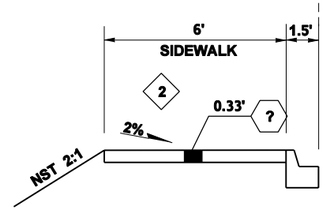
ROADWAY SECTION C-2

STATION RANGE	A
AL 1474+75.23 TO AL 1476+37.50	15'



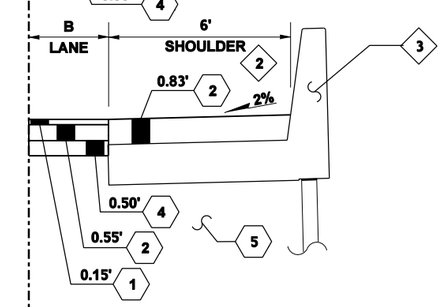
ROADWAY SECTION C-3

STATION RANGE	A	B
AL 1476+37.50 (RT) TO AL 1482+60.92 (RT)		0'
AL 1482+24.45 (LT) TO AL 1483+37.28 (LT)	15' - 48'	
AL 1482+60.92 (RT) TO AL 1483+22.13 (RT)		0' - 6.1'



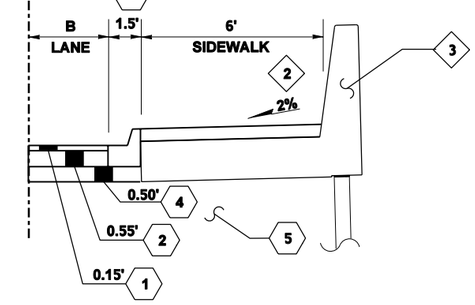
ROADWAY SECTION C-4

STATION RANGE	A	B
AL 1483+37.28 (LT) TO AL 1483+75.73 (LT)	48' - 113.16'	
AL 1483+22.13 (RT) TO AL 1483+40.69 (RT)		6.1' - 8.4'



ROADWAY SECTION C-5

STATION RANGE	A	B
AL 1483+40.69 (RT) TO AL 1483+62.93 (RT)		11.5' - 35.16'



NOTES:

- (2) CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- (3) GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BARRIER SEE STANDARD PLAN D-3b
- (5) BEAM GUARDRAIL TYPE 1 SEE STANDARD PLAN C-1
- (18) SEE SHOULDER SCHEDULE, REFERENCE SHEET R17, R18 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

- (1) HMA CL. ½ IN. PG 70-22
- (2) HMA CL. ½ IN. PG 64-22
- (3) HMA FOR PRELEVELING CL.½ IN. PG 64-22
- (4) CRUSHED SURFACING BASE COURSE
- (5) SPECIAL BORROW INCL. HAUL
- (6) ROADWAY EXCAVATION INCL. HAUL
- (7) PLANING BITUMINOUS PAVEMENT
- (8) TOPSOIL TYPE B

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:20 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

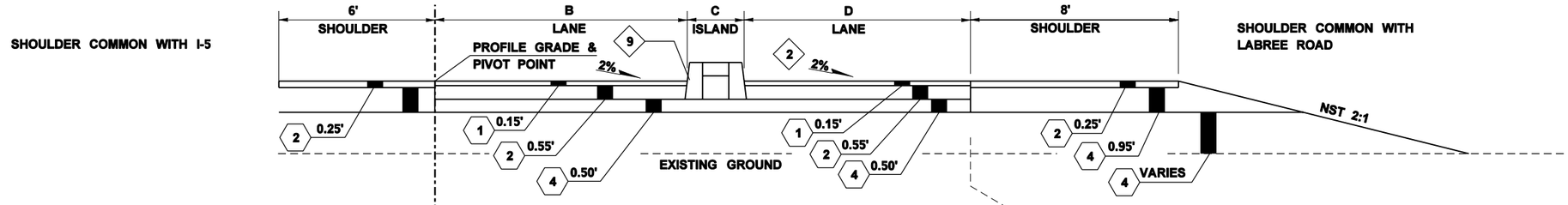
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY SECTION

Plot 5

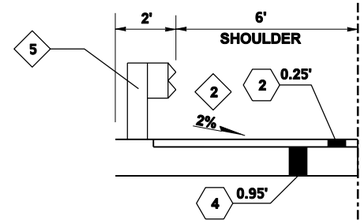
PLAN REF NO RS5

SHEET OF SHEETS



ROADWAY SECTION D-1

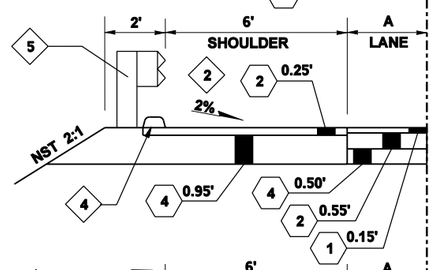
STATION RANGE	B	C	D
AR 1470+20.00 TO AR 1472+05.62	15'	0	0
AR 1472+05.62 (RT) TO AR 1477+80.79 (RT)	15'	0	0
AR 1477+80.79 (RT) TO AR 1478+72.08 (RT)	15' - 22.47'	0	0



ROADWAY SECTION D-2

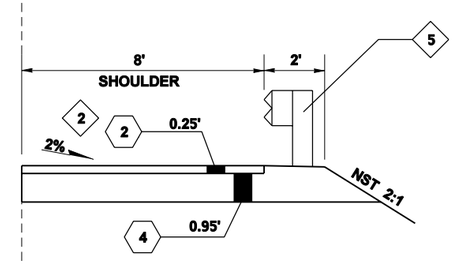
STATION RANGE

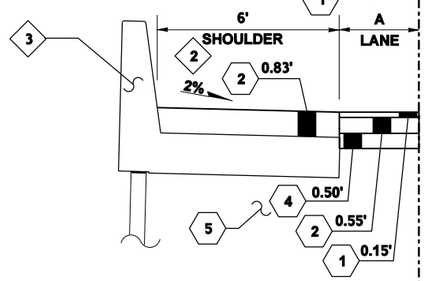
AR 1472+05.62 (LT) TO AR 1474+21.45 (LT)



ROADWAY SECTION D-3

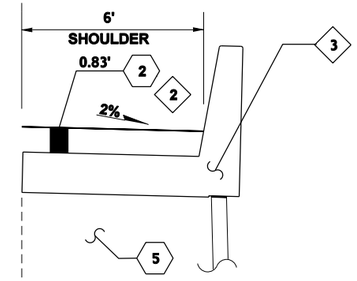
STATION RANGE	A	B	C	D
AR 1474+21.45 (LT) TO AR 1482+62.55 (LT)	0'			
AR 1477+80.79 (LT) TO AR 1482+62.55 (LT)	0'			
AR 1482+62.55 (LT) TO AR 1483+23.08 (LT)	0' - 3.3'			
AR 1478+72.08 (RT) TO AR 1479+64.57 (RT)		22.5' - 30.2'	0'	0'
AR 1479+64.57 (RT) TO AR 1480+46.35 (RT)		30.2'	0'	0' - 6.8'

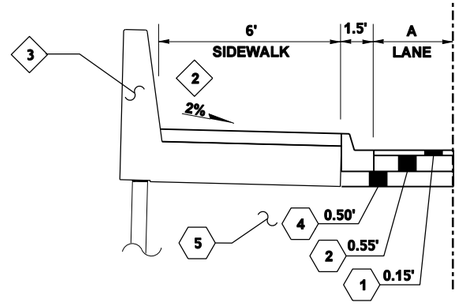




ROADWAY SECTION D-4

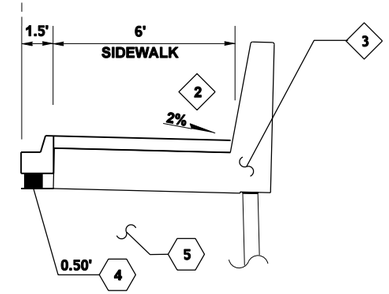
STATION RANGE	A	B	C	D
AR 1480+46.35 (RT) TO AR 1482+40.66 (RT)		30.2'	0'	6.8' - 26.5'
AR 1482+40.66 (RT) TO AR 1483+30.40 (RT)		30.2'	7.9' - 17.1'	27' - 40'
AR 1480+46.35 (LT) TO AR 1483+43.47 (LT)	3.3' - 4'			





ROADWAY SECTION D-5

STATION RANGE	A	B	C	D
AR 1483+43.47 (LT) TO AR 1483+73.43 (LT)	4' - 24'			
AR 1483+30.40 (RT) TO AR 1483+61.19 (RT)		30.2'	17.1' - 20.4'	40' - 90.4'
AR 1483+61.19 (RT) TO AR 1483+69.47 (RT)		30.2'	20.4' - 21.3'	90.4' - 0'



NOT TO SCALE

NOTES:

- (2) CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- (3) GEOSYNTHETIC WALL SINGLE SLOPE BARRIER SEE STANDARD PLAN D-3b
- (4) EXTRUDED CURB TYPE 2 SEE STANDARD PLAN F-10.42
- (5) BEAM GUARDRAIL TYPE 1 SEE STANDARD PLAN C-1
- (9) CEMENT CONCRETE TRAFFIC CURB SEE STANDARD PLAN F-10.12
- (18) SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

- (1) HMA CL. ½ IN. PG 70-22
- (2) HMA CL. ½ IN. PG 64-22
- (3) HMA FOR PRELEVELING CL.½ IN. PG 64-22
- (4) CRUSHED SURFACING BASE COURSE
- (5) SPECIAL BORROW INCL. HAUL
- (6) ROADWAY EXCAVATION INCL. HAUL
- (7) PLANING BITUMINOUS PAVEMENT
- (8) TOPSOIL TYPE B

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:22 AM						
DATE	11/23/2009				JOB NUMBER 00Z000		
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY SECTION

Plot 6

PLAN REF NO RS6

SHEET OF SHEETS

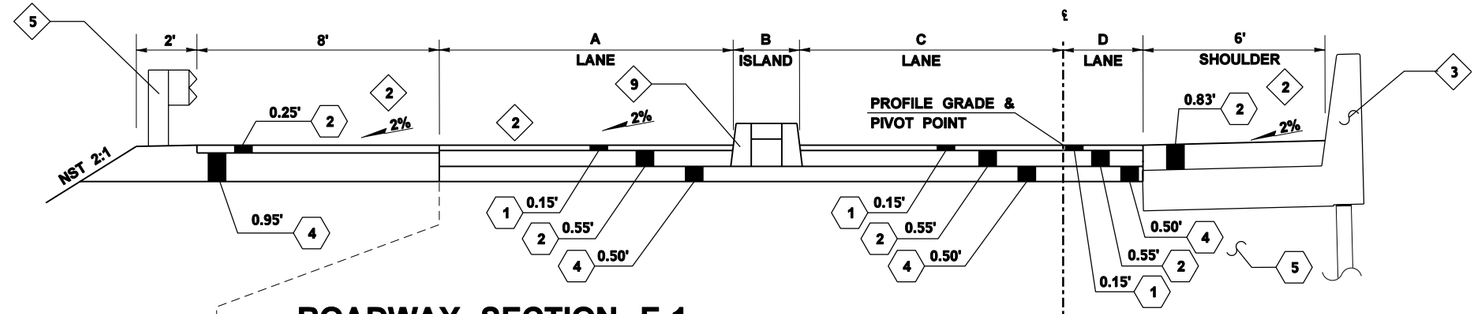
NOTES:

- (2) CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- (3) GEOSYNTHETIC WALL SINGLE SLOPE BARRIER SEE STANDARD PLAN D-3b
- (5) BEAM GUARDRAIL TYPE 1 SEE STANDARD PLAN C-1
- (9) CEMENT CONCRETE TRAFFIC CURB SEE STANDARD PLAN F-10.12
- (18) SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

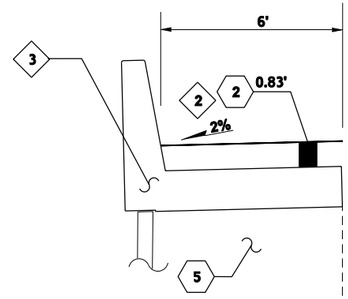
LEGEND

1. HMA CL. ½ IN. PG 70-22
2. HMA CL. ½ IN. PG 64-22
3. HMA FOR PRELEVELING CL.½ IN. PG 64-22
4. CRUSHED SURFACING BASE COURSE
5. SPECIAL BORROW INCL. HAUL
6. ROADWAY EXCAVATION INCL. HAUL
7. PLANING BITUMINOUS PAVEMENT
8. TOPSOIL TYPE B



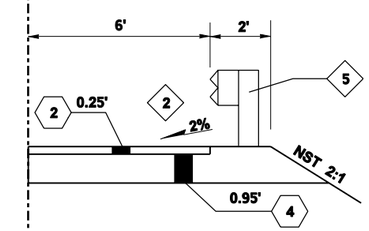
ROADWAY SECTION E-1

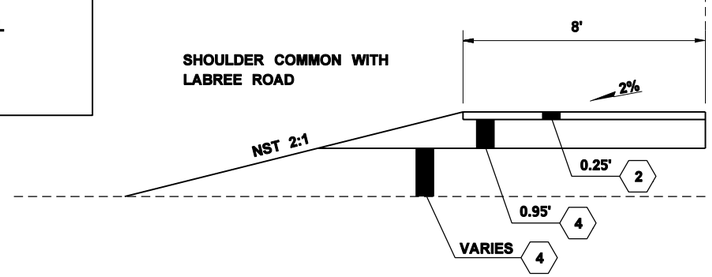
STATION RANGE	A	B	C	D
BL 1484+79.62 (LT) TO BL 1484+84.62 (LT)	0' - 79.5'	29.5' - 28.4'	30'	
BL 1484+84.62 (LT) TO BL 1485+78.69 (LT)	79.5' - 35.8'	28.4' - 0'	30'	
BL 1485+78.69 (LT) TO BL 1486+92.70 (LT)	35.8' - 12'	0'	30' - 26'	
BL 1486+92.70 (LT) TO BL 1488+18.84 (LT)	12'	0'	26'	
BL 1484+75.62 (RT) TO BL 1485+05.01 (RT)				20'-0'
BL 1485+05.01 (RT) TO BL 1485+26.84 (RT)				0'
BL 1488+18.84 (RT) TO BL 1489+52.62 (RT)				0'
BL 1491+39.29 (LT) TO BL 1491+78.04 (LT)	0'	0'	17.8' - 15'	
BL 1491+78.04 (LT) TO BL 1496+50.31 (LT)	0'	0'	15'	



ROADWAY SECTION E-2

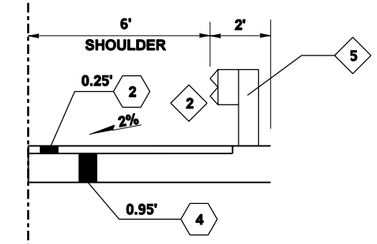
STATION RANGE	A	B	C
BL 1485+05.01 (RT) TO BL 1488+18.84 (RT)			
BL 1488+18.84 (LT) TO BL 1488+60.62 (LT)	12'	0'	26'
BL 1488+60.62 (LT) TO BL 1490+26.22 (LT)	12' - 0	0'	26'
BL 1490+26.22 (LT) TO BL 1491+39.29 (LT)	0'	0'	26' - 17.8'
BL 1489+52.62 (RT) TO BL 1495+17.62 (RT)			





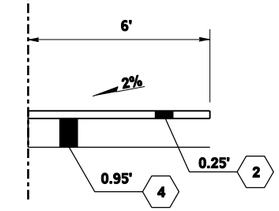
ROADWAY SECTION E-3

STATION RANGE	A	B	C
BL 1495+17.62 (RT) TO BL 1498+26.39 (RT)			
BL 1496+50.31 (LT) TO BL 1500+10.65 (LT)	0'	0'	15'



ROADWAY SECTION E-4

STATION RANGE	A	B	C
BL 1498+26.39 (RT) TO BL 1500+10.65 (RT)			



NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:25 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

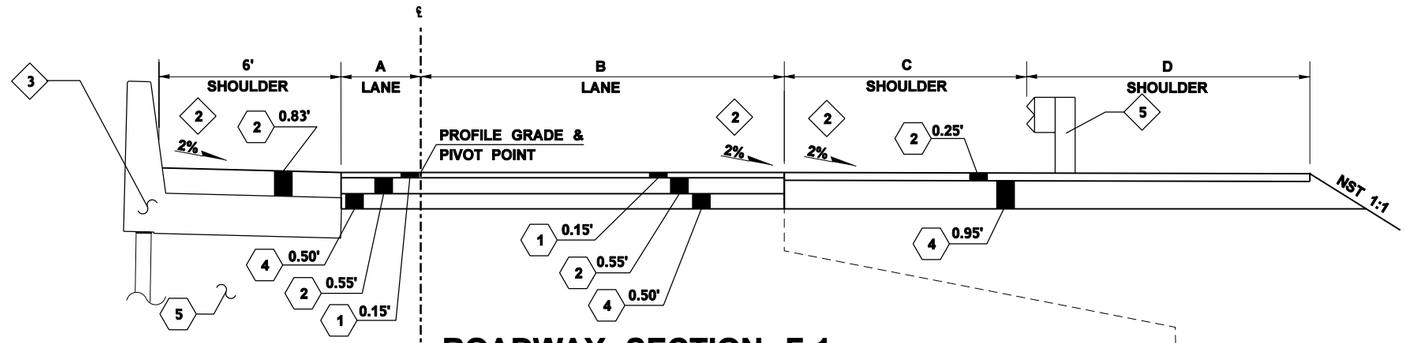
I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ROADWAY SECTION

Plot 7

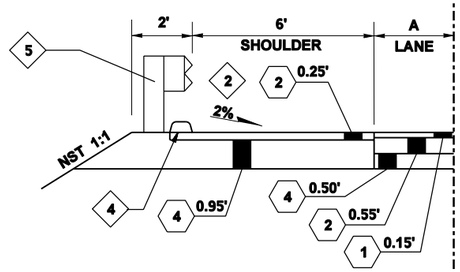
PLAN REF NO RS7

SHEET OF SHEETS



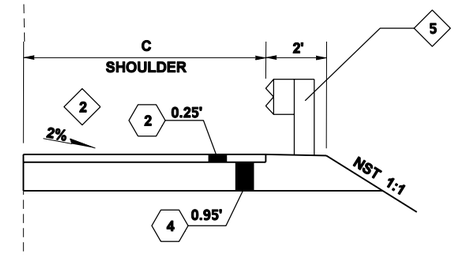
ROADWAY SECTION F-1

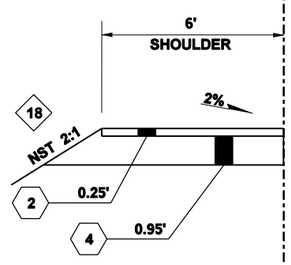
STATION RANGE	A	B	C	D
BR 1484+77.47 (LT) TO BR 1485+27.81 (LT)	29.5' - 8'			
BR 1484+86.29 (RT) TO BR 1485+61.11 (RT)		107.6' - 33.4'	8'	17.7' - 20.6'
BR 1488+67.62 (LT) TO BR 1489+17.62 (LT)	0'			



ROADWAY SECTION F-2

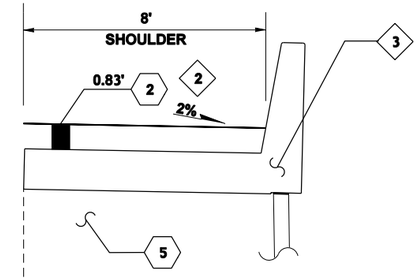
STATION RANGE	A	B	C
BR 1485+27.81 (LT) TO BR 1485+99.57 (LT)	8' - 0'		
BR 1485+99.57 (LT) TO BR 1488+67.62 (LT)	0'		
BR 1485+61.11 (RT) TO BR 1486+52.99 (RT)		33.4' - 25'	28.6' - 14.2'
BR 1486+52.99 (RT) TO BR 1486+92.25 (RT)		25'	14.2' - 8'
BR 1486+92.25 (RT) TO BR 1487+29.07 (RT)		25'	8'
BR 1489+17.62 (LT) TO BR 1493+67.62 (LT)	0'		
BR 1489+68.17 (RT) TO BR 1489+95.17 (RT)		25'	



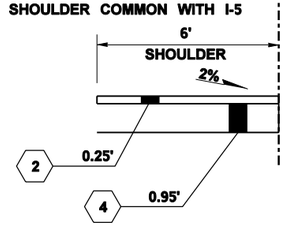


ROADWAY SECTION F-3

STATION RANGE	B
BR 1487+29.07 (RT) TO BR 1489+68.17 (RT)	25'
BR 1493+67.62 (LT) TO BR 1495+18.17 (LT)	

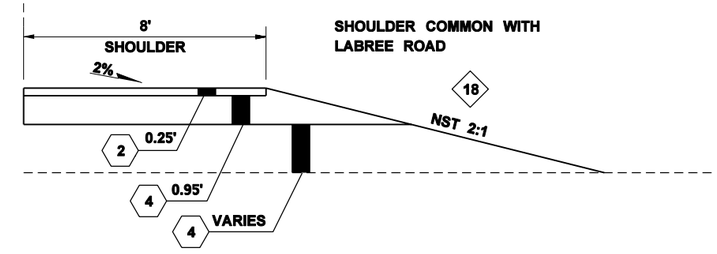


SHOULDER COMMON WITH I-5



ROADWAY SECTION F-4

STATION RANGE	B
BR 1489+95.17 (RT) TO BR 1491+08.22 (RT)	25'
BR 1491+08.22 (RT) TO BR 1496+08.22 (RT)	25' - 15'
BR 1496+08.22 (RT) TO BR 1504+77.06 (RT)	15'
BR 1495+18.17 (LT) TO BR 1504+77.06 (LT)	



NOTES:

- (2) CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- (3) GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BARRIER SEE STANDARD PLAN D-3b
- (4) EXTRUDED CURB TYPE 2 SEE STANDARD PLAN F-2b
- (5) BEAM GUARDRAIL TYPE 1 SEE STANDARD PLAN C-1
- (18) SEE SHOULDER SCHEDULE, REFERENCE SHEET R17, R18 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

- (1) HMA CL. ½ IN. PG 70-22
- (2) HMA CL. ½ IN. PG 64-22
- (3) HMA FOR PRELEVELING CL.½ IN. PG 64-22
- (4) CRUSHED SURFACING BASE COURSE
- (5) SPECIAL BORROW INCL. HAUL
- (6) ROADWAY EXCAVATION INCL. HAUL
- (7) PLANING BITUMINOUS PAVEMENT
- (8) TOPSOIL TYPE B

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:27 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

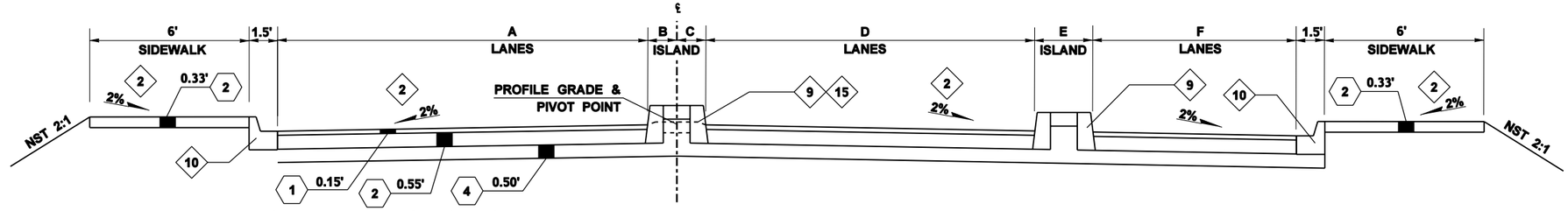
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY SECTION

Plot 8

PLAN REF NO RS8

SHEET OF SHEETS



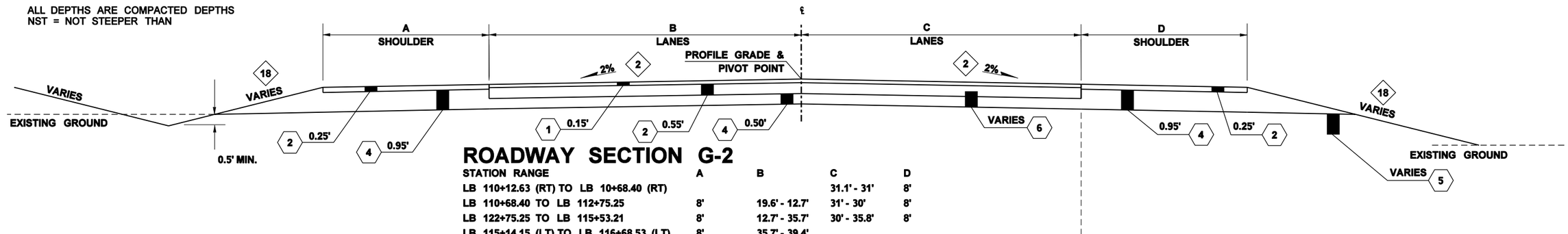
NOTES:

- 2 — CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- 5 — BEAM GUARDRAIL TYPE 1 SEE STANDARD PLAN C-1
- 9 — CEMENT CONCRETE TRAFFIC CURB SEE STANDARD PLAN F-10.12
- 10 — CEMENT CONCRETE TRAFFIC CURB AND GUTTER. SEE STANDARD PLAN F-10.12
- 15 — ROUNDABOUT TRUCK APRON CEMENT CONCRETE CURB SEE STANDARD PLAN F-10.12
- 18 — SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

ROADWAY SECTION G-1

STATION RANGE	A	B	C	D	E	F	
LB 106+76.55 TO LB 106+82.96	12.8'	0'	0'	11.2'	0'	0'	
LB 106+82.96 TO LB 107+35.10	12.8' - 21.6'	0'	0'	11.2' - 19.4'	0'	0'	
LN 107+35.10 TO LB 107+28.98	19'	2.5' - 11'	0.4' - 10'	19'	0'	0'	
LB 107+28.98 TO LB 108+15.93	32.7' - 59'	0'	0'	30.3' - 58.5'	0'	0'	
LB 108+15.93 TO LB 108+54.89	59' - 29.1'	0' - 38.8'	0' - 37.2'	58.5' - 33'	0'	0'	SEE H LINE ROADWAY SECTIONS
LB 108+54.89 TO LB 108+91.94	29.1'	38.8' - 0'	37.2' - 0'	33' - 57.6'	0'	0'	SEE H LINE ROADWAY SECTIONS
LB 108+91.94 TO LB 109+25.35	56.8' - 32'	0'	0'	57.6' - 30.1'	24.7' - 20'	19'	SEE H LINE ROADWAY SECTIONS
LB 109+25.35 TO LB 109+61.44	19.4'	10.1' - 1.8'	7.2' - 1.1'	21'	20' - 7'	19'	
LB 109+61.44 TO LB 109+73.74	21.3' - 20.8'	0'	0'	21'	7' - 3'	19'	
LB 109+73.44 TO LB 110+12.63	20.8'	0'	0'	43.7' - 31.1'	0'	0'	
LB 110+12.63 (LT) TO LB 10+68.40 (LT)	20.8' - 19.6'	0'					



ROADWAY SECTION G-2

STATION RANGE	A	B	C	D
LB 110+12.63 (RT) TO LB 10+68.40 (RT)			31.1' - 31'	8'
LB 110+68.40 TO LB 112+75.25	8'	19.6' - 12.7'	31' - 30'	8'
LB 122+75.25 TO LB 115+53.21	8'	12.7' - 35.7'	30' - 35.8'	8'
LB 115+14.15 (LT) TO LB 116+68.53 (LT)	8'	35.7' - 39.4'		
LB 116+68.53 TO LB 119+03.05	8'	39.4' - 69.4'	35.8' - 45'	8'
LB 119+03.05 TO LB 120+53.72		69.4' - 58'	48' - 45'	
LB 120+53.72 TO LB 122+02.54	PAVING EXCEPTION SEE BRIDGE PLANS			
LB 122+02.54 (LT) TO LB 123+46.62 (LT)		58' - 75.1'		
LB 122+02.54 (RT) TO LB 123+70.91 (RT)			42' - 56.2'	

SEE BL LINE ROADWAY SECTIONS
SEE BR LINE ROADWAY SECTIONS

SEE AL LINE ROADWAY SECTIONS

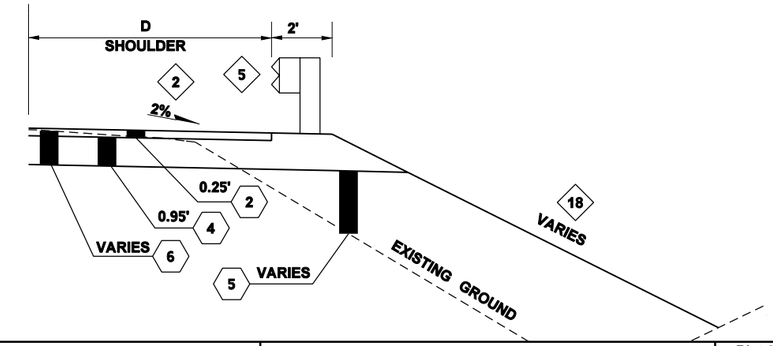
SEE AR LINE ROADWAY SECTIONS
SEE AR LINE ROADWAY SECTIONS

LEGEND

1. HMA CL. ½ IN. PG 70-22
2. HMA CL. ½ IN. PG 64-22
3. HMA FOR PRELEVELING CL.½ IN. PG 64-22
4. CRUSHED SURFACING BASE COURSE
5. SPECIAL BORROW INCL. HAUL
6. ROADWAY EXCAVATION INCL. HAUL
7. PLANING BITUMINOUS PAVEMENT
8. TOPSOIL TYPE B

ROADWAY SECTION G-3

STATION RANGE	C	D
LB 115+53.25 (RT) TO LB 116+68.53 (RT)	35.8' - 48.6'	8'



NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:30 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

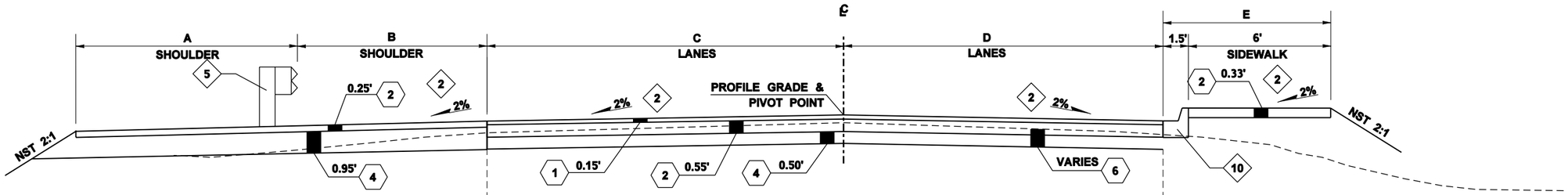
P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ROADWAY SECTION

Plot 9
PLAN REF NO RS9
SHEET OF SHEETS



ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

ROADWAY SECTION G-4

STATION RANGE	A	B	C	D	D
LB 123+46.62 (LT) TO LB 124+22.09 (LT)	17.7' - 2'	8'	75.1' - 71.6'		
LB 123+70.91 (RT) TO LB 124+22.09 (RT)				56.2' - 49.1'	8'
LB 125+07.41 (LT) TO LB 126+10.59 (LT)				53.6' - 43.2'	8'
LB 124+92.56 (LT) TO LB 125+07.41 (LT)				43.2' - 42.4'	8'
LB 123+57.06 (LT) TO LB 124+92.56 (LT)				42.4' - 43.5'	8'
LB 122+88.42 (LT) TO LB 123+57.06 (LT)				43.5' - 45'	8'
LB 120+33.76 (LT) TO LB 122+88.42 (LT)				45' - 39.1'	8'

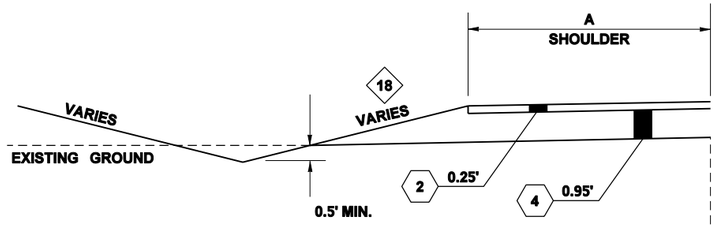
NOTES:

- 2 — CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- 5 — BEAM GUARDRAIL TYPE 1 SEE STANDARD PLAN C-1
- 10 — CEMENT CONCRETE TRAFFIC CURB AND GUTTER. SEE STANDARD PLAN F-10.12
- 18 — SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

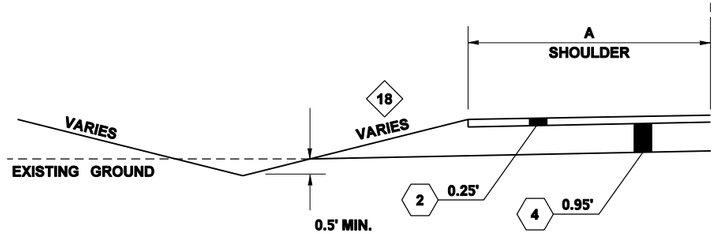
LEGEND

- 1 — HMA CL. ½ IN. PG 70-22
- 2 — HMA CL. ½ IN. PG 64-22
- 3 — HMA FOR PRELEVELING CL.½ IN. PG 64-22
- 4 — CRUSHED SURFACING BASE COURSE
- 5 — SPECIAL BORROW INCL. HAUL
- 6 — ROADWAY EXCAVATION INCL. HAUL
- 7 — PLANING BITUMINOUS PAVEMENT
- 8 — TOPSOIL TYPE B



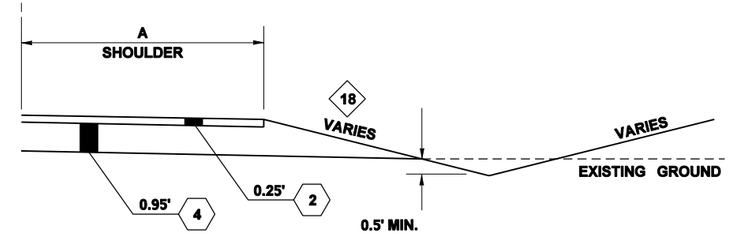
ROADWAY SECTION G-5

STATION RANGE	A	C	D	D
LB 124+22.09 TO LB 127+09.47	8'	71.6' - 43'	49.1' - 45.1'	8'
LB 127+09.47 TO LB 128+40.79	8'	43' - 37.7'	45.1' - 39.9'	8'
LB 128+40.79 TO LB 128+60.35	8'	37.7' - 40.2'	39.9' - 39.1'	8'
LB 128+60.35 TO LB 129+37.69	8'	40.2' - 49.8'	39.1'	8'
LB 129+37.69 (RT) TO LB 129+66.24 (RT)			39.1'	8'
LB 129+66.24 (RT) TO LB 131+36.53 (RT)			39.1' - 41.5'	0'
LB 129+37.69 (LT) TO LB 131+36.53 (LT)	0'	49.8' - 50.9'		



ROADWAY SECTION G-6

STATION RANGE	A	C	D	D
LB 131+36.55 (LT) TO LB 131+81.29 (LT)	8'	47.8'		
LB 131+81.29 TO LB 132+95.60	8'	47.8'	38.5' - 24.1'	8'
LB 132+95.60 TO LB 134+25.96	8'	47.8'	24.1'	8'
LB 134+25.96 TO LB 134+86.47	8'	47.8'	24.1' - 20.5'	8'
LB 134+86.47 TO LB 136+20.57	8'	47.8' - 32.6'	20.5' - 14.2'	8'
LB 136+20.57 TO LB 137+39.35	8'	32.6' - 15.2'	14.2' - 12.1'	8'
LB 137+39.35 TO LB 138+15.52	8' - 2'	15.2' - 12'	12.1' - 12'	8' - 1.3'



NOT TO SCALE

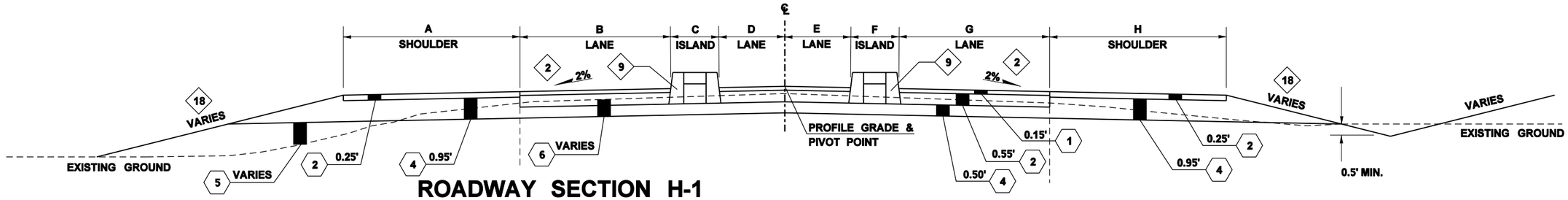
FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE
TIME	10:55:33 AM								
DATE	11/23/2009								
PLOTTED BY	kerrt				JOB NUMBER 00Z000				
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ROADWAY SECTION

Plot 10
PLAN REF NO RS10
SHEET
OF
SHEETS



ROADWAY SECTION H-1

STATION RANGE	A	B	C	D	E	F	G	H
MSB 499+27.96 TO MSB 499+99.93	6'	12'	0'	0'	0'	0'	12'	6'
MSB 499+99.93 TO MSB 500+46.39	6'	12'	0'	0'	0'	0'	12' - 14.2'	6' - 8'
MSB 500+46.39 TO MSB 500+51.54	6'	12'	0'	0'	0'	0'	14.2' - 14.8'	8'
MSB 500+51.54 TO MSB 500+68.64	6'	12' - 12.2'	0'	0'	0'	0'	14.8' - 16.6'	8'
MSB 500+68.64 TO MSB 501+51.18	6' - 8'	12.2' - 13.2'	0'	0'	0'	0'	16.6' - 23.9'	8'
MSB 501+51.18 TO MSB 503+28.26	8'	13.2' - 15.7'	0'	0'	0'	0'	23.9' - 31.7'	8'
MSB 503+28.26 TO MSB 503+65.17	0	15.7' - 16.3'	0'	0'	0'	0'	31.7' - 32'	8'
MSB 503+65.17 TO MSB 504+71.44	0	16.3' - 17.9'	0'	0'	0'	0'	32' - 30'	8'
MSB 504+71.44 TO MSB 504+77.29	0	17.9' - 18'	0'	0'	0'	0'	30'	8'
MSB 504+77.29 TO MSB 505+35.16	8'	18'	0'	0'	0'	0'	30'	8'
MSB 505+35.16 TO MSB 505+48.56	8'	18'	0'	0'	0'	0'	32' - 32.3'	8'
MSB 505+48.56 TO MSB 506+42.87	8'	18' - 29.8'	0'	0'	0'	0'	32.3' - 51.6'	8'
MSB 506+42.87 (RT) TO MSB 506+45.86 (RT)					0'	0'	51.6' - 52.8'	8'
MSB 506+45.86 (RT) TO MSB 506+63.90 (RT)					22'	7.7' - 11.9'	23.1' - 27.4'	8'
MSB 507+82.57 (LT) TO MSB 507+98.39 (LT)	8'	0' - 51.1'	20.5' - 17.7'	34.3'				
MSB 507+98.39 (LT) TO MSB 508+51.08 (LT)	8'	51.1' - 23.1'	17.7' - 8.4'	34.3'				
MSB 508+51.08 TO MSB 508+57.12	8'	23.1' - 22.6'	8.4' - 7.4'	34.3'	0'	0'	31.4' - 27.7'	8'
MSB 508+57.12 TO MSB 508+66.37	8'	64' - 62.4'	0'	0'	0'	0'	27.7' - 26.7'	8'
MSB 508+66.37 TO MSB 509+03.94	8'	62.4' - 58.8'	0'	0'	0'	0'	26.7' - 23.7'	8'
MSB 509+03.94 TO MSB 510+48.07	8'	58.8' - 47.7'	0'	0'	0'	0'	23.7' - 24.3'	8'
MSB 510+48.07 TO MSB 512+52.28	8'	47.7' - 45.1'	0'	0'	0'	0'	24.3' - 26.9'	8'
MSB 512+52.28 TO MSB 512+69.79	8'	451' - 44.3'	0'	0'	0'	0'	26.9' - 27'	8'
MSB 512+69.79 TO MSB 516+62.46	8'	44.3' - 18.9'	0'	0'	0'	0'	27' - 19.6'	8'
MSB 516+62.46 (LT) TO MSB 516+94.12 (LT)	8'	18.9' - 16.9'	0'	0'				
MSB 516+94.12 (LT) TO MSB 518+30.23 (LT)	8'	16.9' - 17.6'	0'	0'				
MSB 521+19.93 - MSB 521+52.07	4.8'	12'	0'	0'	0'	0'	12'	4.8'

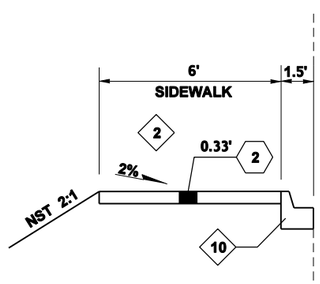
NOTES:

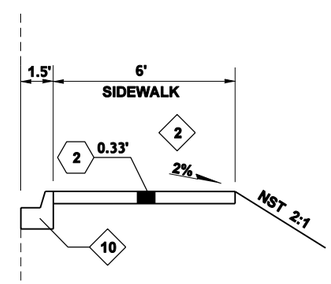
- (2) CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- (9) CEMENT CONCRETE TRAFFIC CURB SEE STANDARD PLAN F-10.12
- (10) CEMENT CONCRETE TRAFFIC CURB AND GUTTER. SEE STANDARD PLAN F-10.12
- (18) SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

1. HMA CL. ½ IN. PG 70-22
2. HMA CL. ½ IN. PG 64-22
3. HMA FOR PRELEVELING CL.½ IN. PG 64-22
4. CRUSHED SURFACING BASE COURSE
5. SPECIAL BORROW INCL. HAUL
6. ROADWAY EXCAVATION INCL. HAUL
7. PLANING BITUMINOUS PAVEMENT
8. TOPSOIL TYPE B





ROADWAY SECTION H-2

STATION RANGE	B	C	D	E	F	G
MSB 506+42.87 (LT) TO MSB 507+01.53 (LT)	29.8' - 99.3'	0'	0'			
MSB 507+01.53 (LT) TO MSB 507+08.93 (LT)	99.3' - 0'	0'	0'			
MSB 506+63.90 (RT) TO MSB 506+99.22 (RT)				22'	11.9' - 23.4'	30.9' - 72.4'
MSB 506+99.22 (RT) TO MSB 507+10.57 (RT)				22'	23.4' - 24.4'	72.4' - 0'
MSB 507+84.92 (RT) TO MSB 507+91.61 (RT)				0'	0'	0' - 97.9'
MSB 507+91.61 (RT) TO MSB 508+51.08 (RT)				0'	0'	97.9' - 31.4'

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn						
TIME	10:55:35 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

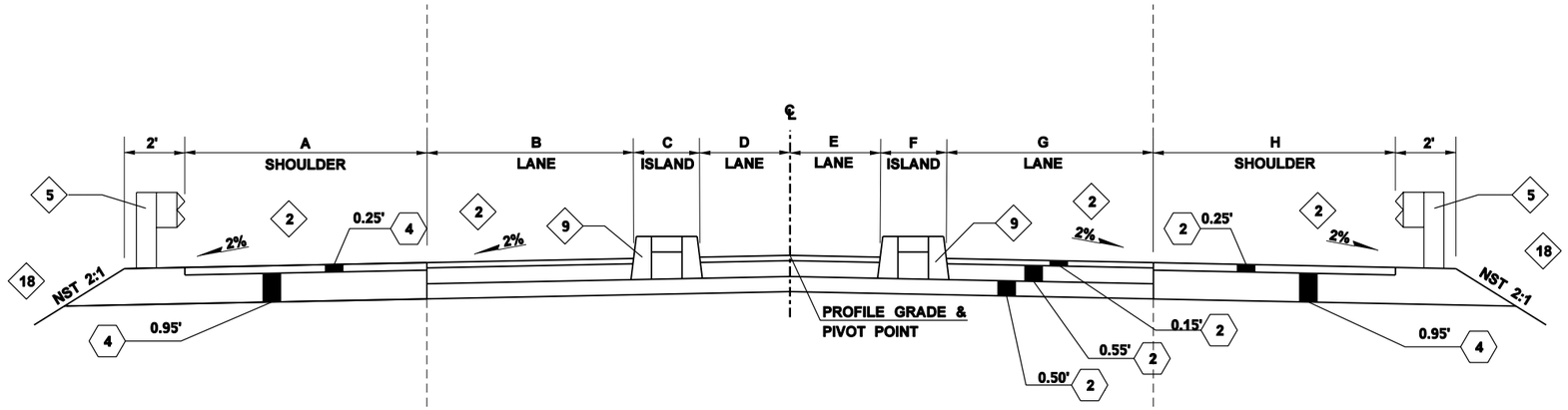
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY SECTION

Plot 11

PLAN REF NO RS11

SHEET OF SHEETS



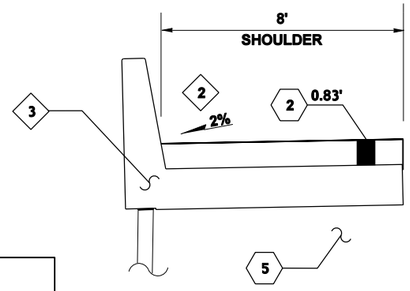
ROADWAY SECTION H-3

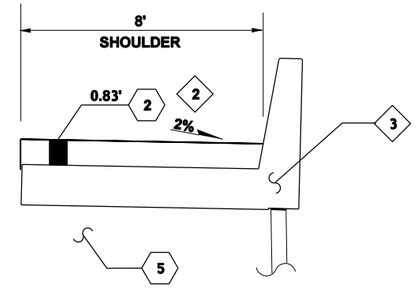
STATION RANGE	A	B	C	D	E	F	G	H
MSB 516+62.46 (RT) TO MSB 516+87.31 (RT)					0'	0'	19.6' - 19.1'	8'
MSB 516+87.31 (RT) TO MSB 518+80.92 (RT)					0'	0'	19.1' - 18'	8'
MSB 518+30.23 (LT) TO MSB 518+46.67 (LT)	8'	17.6' - 17.7'	0'	0'				
MSB 520+00.84 (RT) TO MSB 520+37.38 (RT)					0'	0'	13.4' - 12'	8'
MSB 520+37.38 (RT) TO MSB 521+19.93 (RT)					0'	0'	12'	8' - 4.8'
MSB 520+16.93 (LT) TO MSB 520+38.54 (LT)	8'	12.9' - 12'	0'	0'				
MSB 520+38.54 (LT) TO MSB 521+19.93 (LT)	8' - 4.8'	12'	0'	0'				

NOTES:

- 2 CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- 3 GEOSYNTHETIC WALL SINGLE SLOPE BARRIER SEE STANDARD PLAN D-3b
- 5 BEAM GUARDRAIL TYPE 1 SEE STANDARD PLAN C-1
- 9 CEMENT CONCRETE TRAFFIC CURB SEE STANDARD PLAN F-10.12
- 18 SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN





LEGEND

1. HMA CL. ½ IN. PG 70-22
2. HMA CL. ½ IN. PG 64-22
3. HMA FOR PRELEVELING CL.½ IN. PG 64-22
4. CRUSHED SURFACING BASE COURSE
5. SPECIAL BORROW INCL. HAUL
6. ROADWAY EXCAVATION INCL. HAUL
7. PLANING BITUMINOUS PAVEMENT
8. TOPSOIL TYPE B

ROADWAY SECTION H-4

STATION RANGE	B	C	D	E	F	G
MSB 518+46.67 (LT) TO MSB 520+16.93 (LT)	17.7' - 12.9'	0'	0'	0'	0'	0'
MSB 518+80.92 (RT) TO MSB 520+00.84 (RT)	0'	0'	0'	0'	0'	18' - 13.4'

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn						
TIME	10:55:38 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

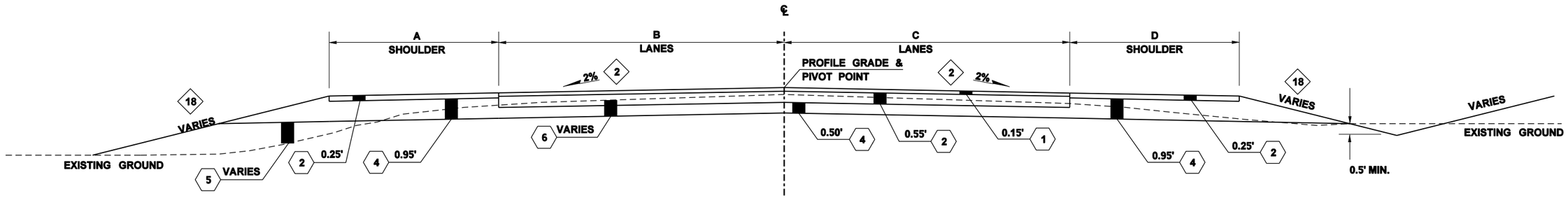
P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ROADWAY SECTION

Plot 12
PLAN REF NO
RS12
SHEET
OF
SHEETS



ROADWAY SECTION I-1

STATION RANGE	A	B	C	D
H 1728+69.89 TO H 1728+91.89	8.4'	11.3'	10.7'	9.4'
H 1728+91.89 TO H 1729+09.20	8.4'	11.3'	10.7' - 12.9'	9.4' - 10.3'
H 1729+09.20 TO H 1729+40.28	8.3' - 10.3'	11.3'	12.9' - 17'	10.3'
H 1729+40.28 (RT) TO H 1730+52.76 (RT)			17' - 32.2'	10.3'
H 1729+40.28 (LT) TO H 1730+75.77 (LT)	10.3' - 10.6'	11.3' - 17.8'		

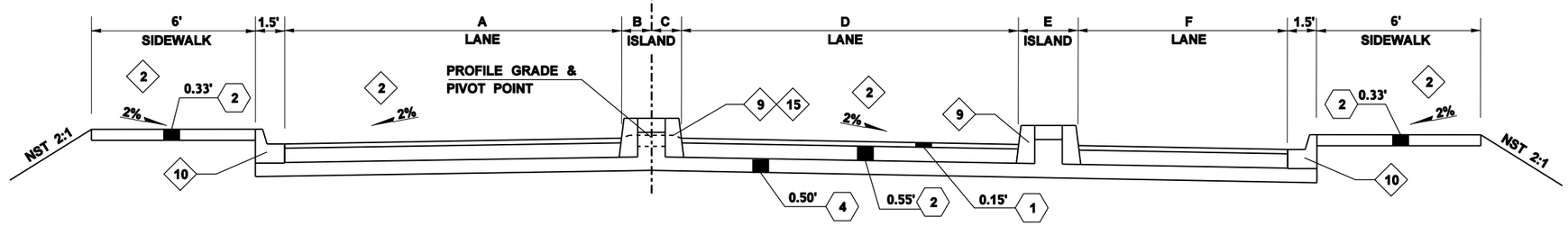
NOTES:

- 2 CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS
- 9 CEMENT CONCRETE TRAFFIC CURB SEE STANDARD PLAN F-10.12
- 10 CEMENT CONCRETE TRAFFIC CURB AND GUTTER. SEE STANDARD PLAN F-10.12
- 15 ROUNDABOUT TRUCK APRON CEMENT CONCRETE CURB SEE STANDARD PLAN F-10.12
- 18 SEE SHOULDER SCHEDULE, REFERENCE SHEET RS15, RS16 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

- 1 HMA CL. ½ IN. PG 70-22
- 2 HMA CL. ½ IN. PG 64-22
- 3 HMA FOR PRELEVELING CL.½ IN. PG 64-22
- 4 CRUSHED SURFACING BASE COURSE
- 5 SPECIAL BORROW INCL. HAUL
- 6 ROADWAY EXCAVATION INCL. HAUL
- 7 PLANING BITUMINOUS PAVEMENT
- 8 TOPSOIL TYPE B



ROADWAY SECTION I-2

STATION RANGE	A	B	C	D	E	F
H 1730+52.76 (RT) TO H 1730+81.15 (RT)			1.3'	20.5'	0'	19.7'
H 1730+81.15 (RT) TO H 1730+92.13 (RT)			1.3' - 1.5'	20.5' - 22.2'	0'	19.7' - 21.2'
H 1730+92.13 (RT) TO H 1731+61.78 (RT)			1.5' - 11.9'	20.1' - 22'	5' - 23.6'	19'
H 1730+75.77 (LT) TO H 1730+81.15 (LT)	21' - 21.2'	0'				
H 1730+81.15 (LT) TO H 1731+60.15 (LT)	19.2' - 20.3'	2' - 11.5'				

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:55:39 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

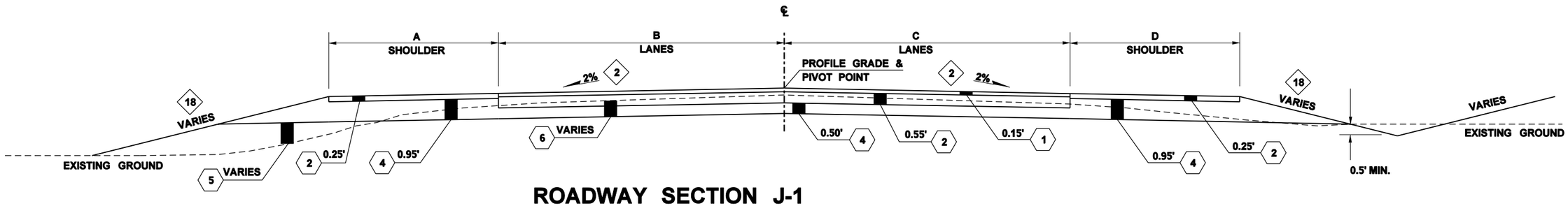
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY SECTION

Plot 13

PLAN REF NO RS13

SHEET OF SHEETS



ROADWAY SECTION J-1

STATION RANGE	A	B	C	D
OB 600+11.08 (LT) TO OB 600+80.26 (LT)	8' - 4'	73.6' - 14'		
OB 600+80.26 (LT) TO OB 601+97.46 (LT)	4'	14' - 12'		
OB 601+97.46 (LT) TO OB 604+52.98 (LT)	4'	12'		
OB 604+52.98 (LT) TO OB 604+73.37 (LT)	4'	12' - 23.8'		
OB 604+73.37 (LT) TO OB 604+99.18 (LT)	4'	23.8' - 36'		
OB 600+11.14 (RT) TO OB 600+71.69 (RT)			79.7' - 20.8'	8' - 4'
OB 600+71.69 (RT) TO OB 601+97.46 (RT)			20.8' - 12.5'	4'
OB 601+97.46 (RT) TO OB 604+34.60 (RT)			12.5' - 12'	4'
OB 604+34.60 (RT) TO OB 604+75.06 (RT)			12' - 25.6'	4'
OB 604+75.06 (RT) TO OB 604+99.18 (RT)			25.6' - 36'	4'
OB 604+99.18 + 36' RADIUS	4'	36' - 0'	36' - 0'	4'

NOTES:

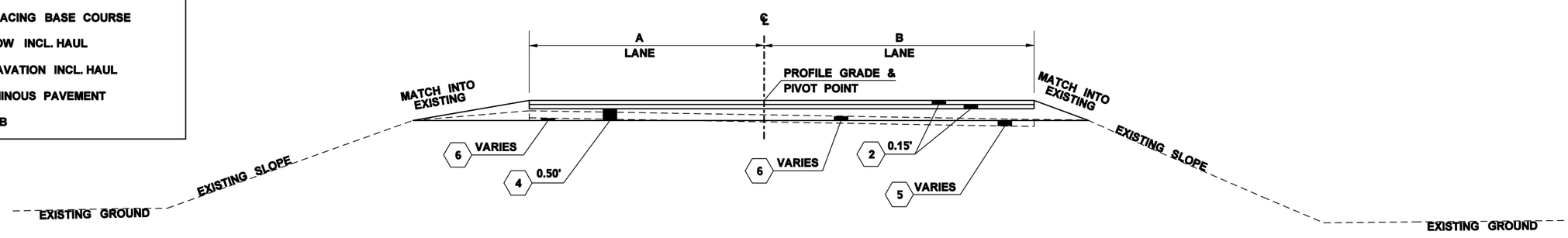
2 CROSS SLOPES VARY, SEE SUPERELEVATION DIAGRAMS

18 SEE SHOULDER SCHEDULE, REFERENCE SHEET R17, R18 FOR SHOULDER SLOPE

ALL DEPTHS ARE COMPACTED DEPTHS
NST = NOT STEEPER THAN

LEGEND

1. HMA CL. ½ IN. PG 70-22
2. HMA CL. ½ IN. PG 64-22
3. HMA FOR PRELEVELING CL.½ IN. PG 64-22
4. CRUSHED SURFACING BASE COURSE
5. SPECIAL BORROW INCL. HAUL
6. ROADWAY EXCAVATION INCL. HAUL
7. PLANING BITUMINOUS PAVEMENT
8. TOPSOIL TYPE B



ROADWAY SECTION K-1

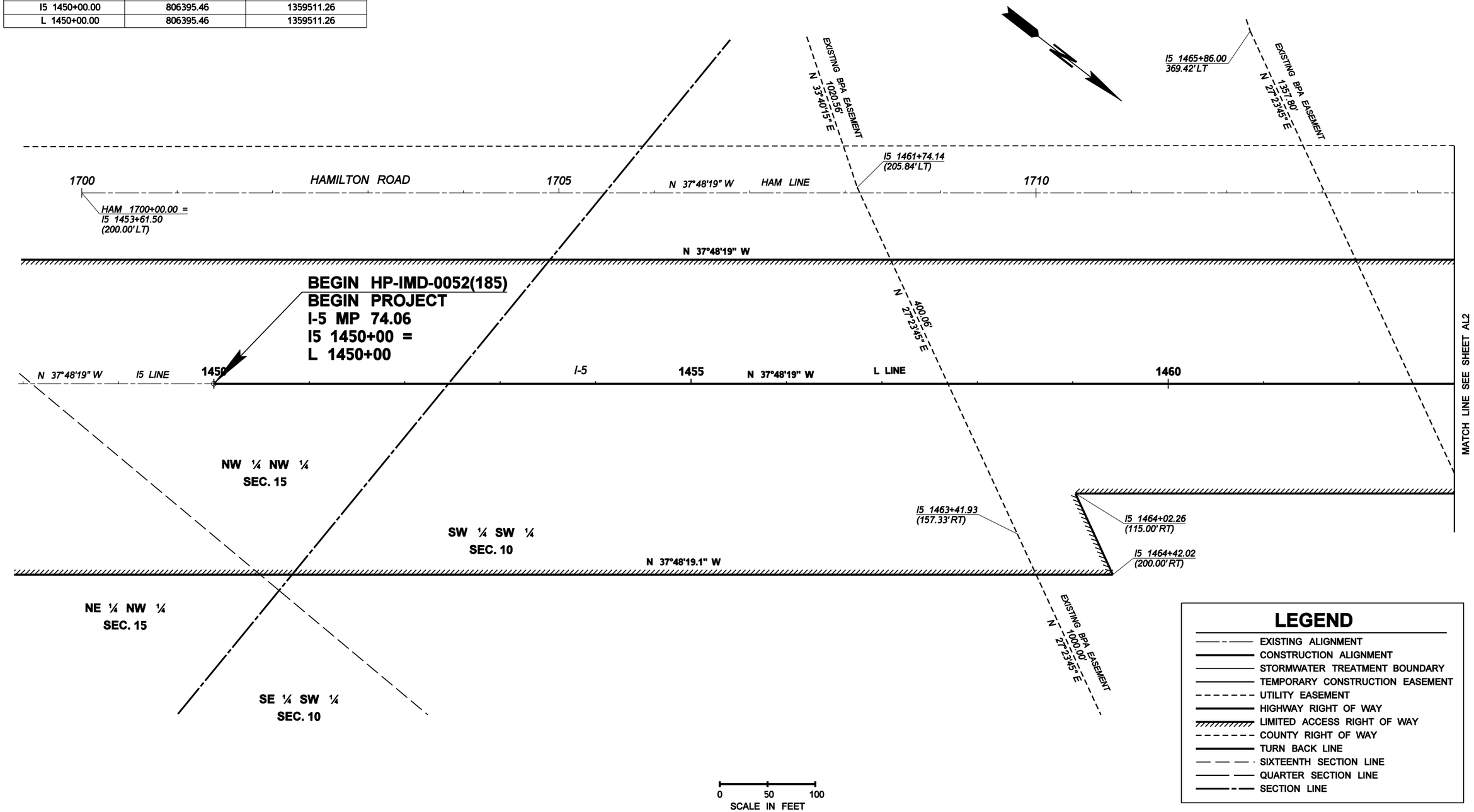
STATION RANGE	A
JL 800+20.35 (RT) TO JL 800+78.33 (RT)	49.9' - 10'
JL 800+78.33 (RT) TO JL 800+92.10 (RT)	10'
JL 800+24.04 (LT) TO JL 800+62.64 (LT)	29.6' - 10'
JL 800+62.64 (LT) TO JL 800+92.10 (LT)	10'

NOT TO SCALE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_RS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT	Plot 14
TIME	10:55:41 AM									PLAN REF NO RS14
DATE	11/23/2009									
PLOTTED BY	kerrt				JOB NUMBER 00Z000					SHEET OF SHEETS
DESIGNED BY	DESIGNER									
ENTERED BY	CAD OPERATOR									
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		ROADWAY SECTION	
PROJ. ENGR.	PROJECT ENGINEER									
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY				P.E. STAMP BOX DATE	P.E. STAMP BOX DATE	

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
HAM 1700+00.00	806163.44	1359438.14
I5 1450+00.00	806395.46	1359511.26
L 1450+00.00	806395.46	1359511.26

T. 13N. R. 2W. W.M.



LEGEND

- EXISTING ALIGNMENT
- CONSTRUCTION ALIGNMENT
- STORMWATER TREATMENT BOUNDARY
- TEMPORARY CONSTRUCTION EASEMENT
- UTILITY EASEMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS RIGHT OF WAY
- COUNTY RIGHT OF WAY
- TURN BACK LINE
- SIXTEENTH SECTION LINE
- QUARTER SECTION LINE
- SECTION LINE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn					
TIME	10:06:32 AM				REGION NO. 10	STATE WASH
DATE	11/23/2009					FED.AID PROJ.NO. NH-0000(000)
PLOTTED BY	kerrt					
DESIGNED BY	DESIGNER				JOB NUMBER 00Z000	
ENTERED BY	CAD OPERATOR					
CHECKED BY	TEAM LEAD				CONTRACT NO.	LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER					
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ALIGNMENT AND RIGHT OF WAY PLAN

Plot 1

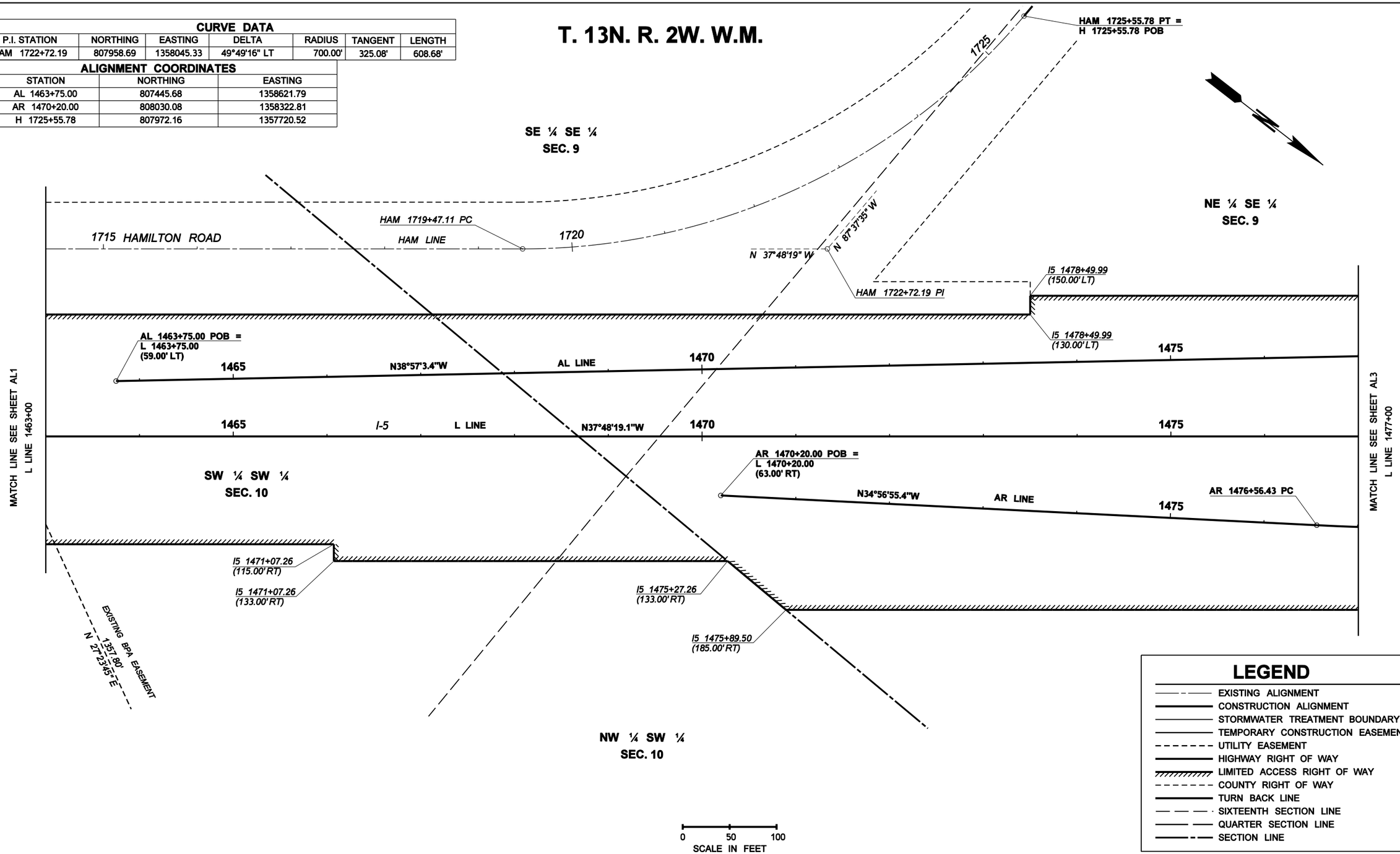
PLAN REF NO AL1

SHEET OF SHEETS

CURVE DATA						
P.I. STATION	NORTHING	EASTING	DELTA	RADIUS	TANGENT	LENGTH
HAM 1722+72.19	807958.69	1358045.33	49°49'16" LT	700.00'	325.08'	608.68'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
AL 1463+75.00	807445.68	1358621.79
AR 1470+20.00	808030.08	1358322.81
H 1725+55.78	807972.16	1357720.52

T. 13N. R. 2W. W.M.



LEGEND

- EXISTING ALIGNMENT
- CONSTRUCTION ALIGNMENT
- STORMWATER TREATMENT BOUNDARY
- TEMPORARY CONSTRUCTION EASEMENT
- UTILITY EASEMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS RIGHT OF WAY
- COUNTY RIGHT OF WAY
- TURN BACK LINE
- SIXTEENTH SECTION LINE
- QUARTER SECTION LINE
- SECTION LINE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn					
TIME	10:06:34 AM					
DATE	11/23/2009					
PLOTTED BY	kerrt					
DESIGNED BY	DESIGNER					
ENTERED BY	CAD OPERATOR					
CHECKED BY	TEAM LEAD					
PROJ. ENGR.	PROJECT ENGINEER					
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ALIGNMENT AND RIGHT OF WAY PLAN

Plot 2

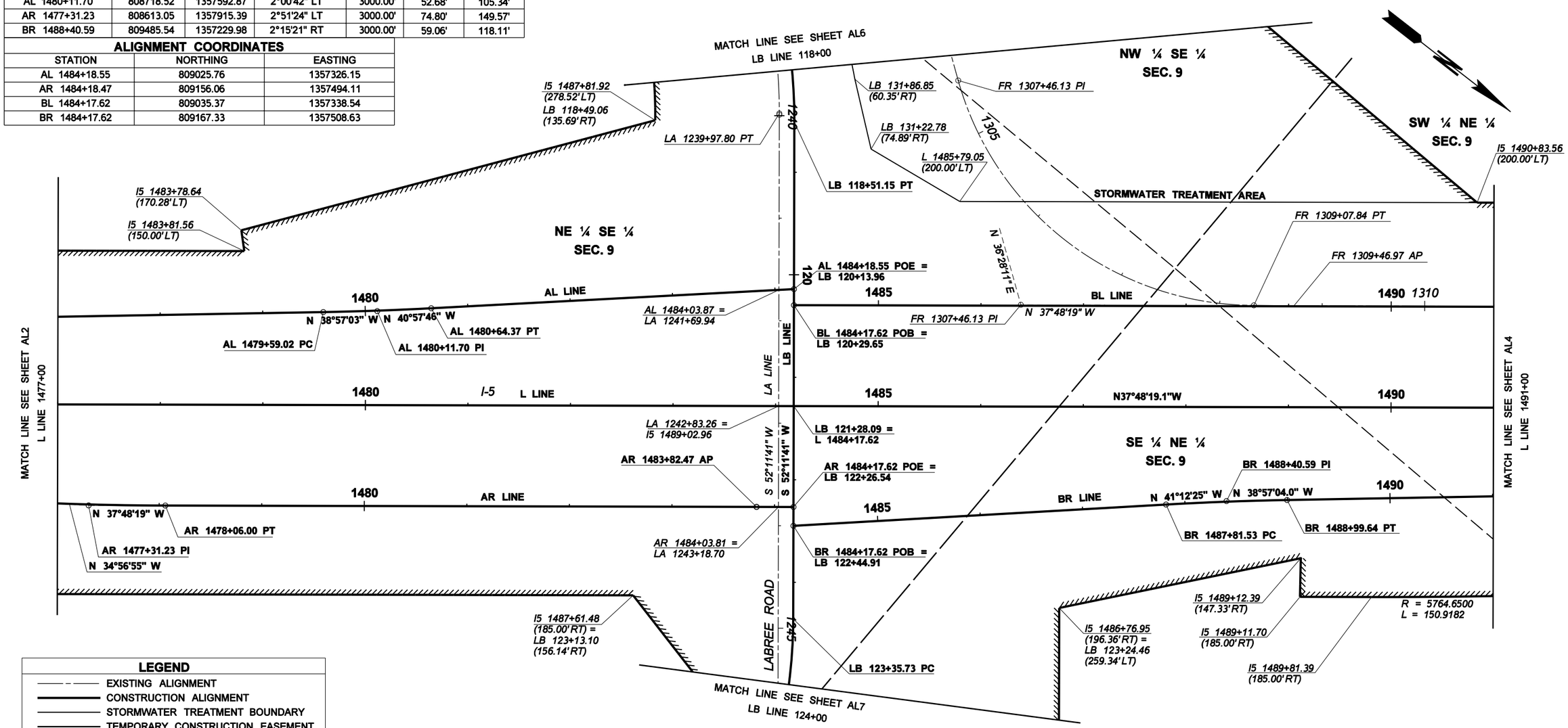
PLAN REF NO AL2

SHEET OF SHEETS

T. 13N. R. 2W. W.M.

CURVE DATA						
P.I. STATION	NORTHING	EASTING	DELTA	RADIUS	TANGENT	LENGTH
FR 1307+46.13	809209.67	1357202.23	74°16'30" LT	300.00'	227.20'	388.90'
AL 1480+11.70	808718.52	1357592.87	2°00'42" LT	3000.00'	52.68'	105.34'
AR 1477+31.23	808613.05	1357915.39	2°51'24" LT	3000.00'	74.80'	149.57'
BR 1488+40.59	809485.54	1357229.98	2°15'21" RT	3000.00'	59.06'	118.11'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
AL 1484+18.55	809025.76	1357326.15
AR 1484+18.47	809156.06	1357494.11
BL 1484+17.62	809035.37	1357338.54
BR 1484+17.62	809167.33	1357508.63



LEGEND

- EXISTING ALIGNMENT
- CONSTRUCTION ALIGNMENT
- STORMWATER TREATMENT BOUNDARY
- TEMPORARY CONSTRUCTION EASEMENT
- UTILITY EASEMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS RIGHT OF WAY
- COUNTY RIGHT OF WAY
- TURN BACK LINE
- SIXTEENTH SECTION LINE
- QUARTER SECTION LINE
- SECTION LINE

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM SOUTH ZONE (NAD 83/91)

THE DISTANCES SHOWN ARE GROUND DIMENSIONS. TO OBTAIN THE GRID DIMENSIONS, MULIPLY THE GROUND DIMENSION BY THE COMBINED FACTOR OF 0.999953732. THE COMBINED FACTOR IS DERIVED BY MULITIPLING THE ELEVATION FACTOR OF 0.99998687 BY THE SCALE FACTOR OF 0.99998159.

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn						
TIME	10:06:35 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER				JOB NUMBER 00Z000		
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

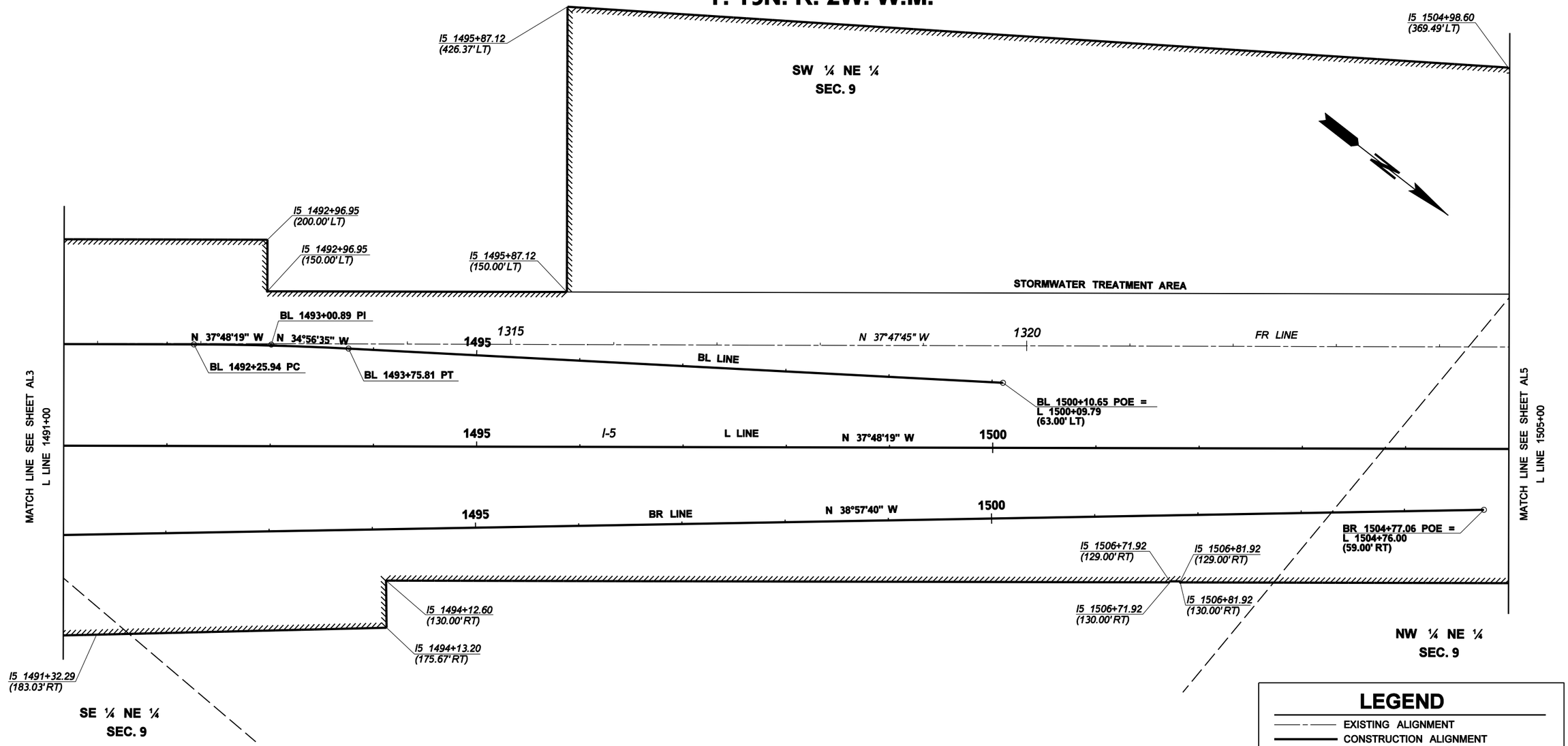
ALIGNMENT AND RIGHT OF WAY PLAN

Plot 3

PLAN REF NO AL3

SHEET OF SHEETS

T. 13N. R. 2W. W.M.



LEGEND

- EXISTING ALIGNMENT
- CONSTRUCTION ALIGNMENT
- STORMWATER TREATMENT BOUNDARY
- TEMPORARY CONSTRUCTION EASEMENT
- UTILITY EASEMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS RIGHT OF WAY
- COUNTY RIGHT OF WAY
- TURN BACK LINE
- SIXTEENTH SECTION LINE
- QUARTER SECTION LINE
- SECTION LINE

CURVE DATA

P.I. STATION	NORTHING	EASTING	DELTA	RADIUS	TANGENT	LENGTH
BL 1493+00.89	809733.26	1356797.11	2°51'45" RT	3000.00'	74.95'	149.87'

ALIGNMENT COORDINATES

STATION	NORTHING	EASTING
BL 1500+10.65	810315.08	1356390.58
BR 1504+77.06	810758.20	1356201.19

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn
TIME	10:06:38 AM
DATE	11/23/2009
PLOTTED BY	kerrt
DESIGNED BY	DESIGNER
ENTERED BY	CAD OPERATOR
CHECKED BY	TEAM LEAD
PROJ. ENGR.	PROJECT ENGINEER
REGIONAL ADM.	REGIONAL ADM.

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NH-0000(000)

JOB NUMBER 00Z000

CONTRACT NO.

LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ALIGNMENT AND RIGHT OF WAY PLAN

Plot 4

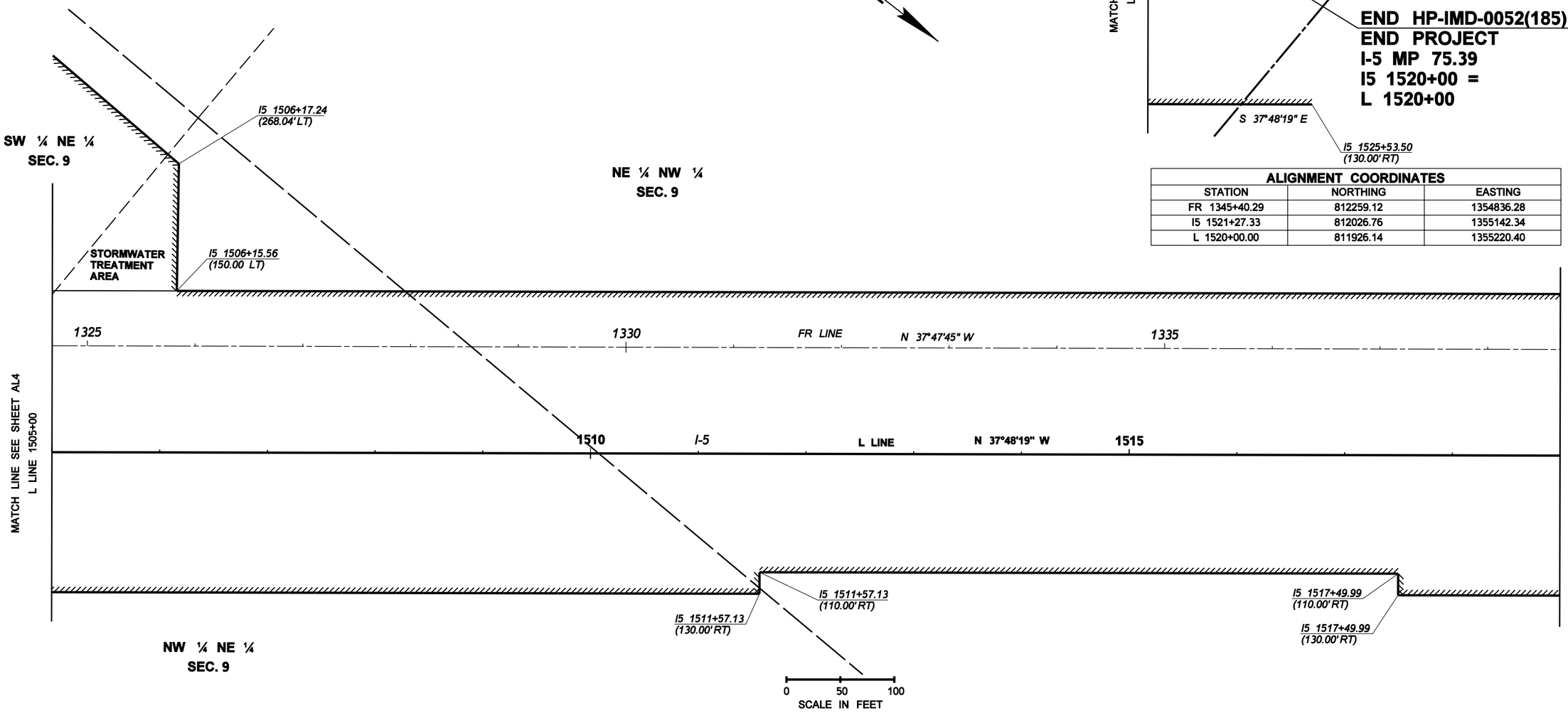
PLAN REF NO AL4

SHEET OF SHEETS

T. 13N. R. 2W. W.M.

LEGEND

- EXISTING ALIGNMENT
- CONSTRUCTION ALIGNMENT
- STORMWATER TREATMENT BOUNDARY
- TEMPORARY CONSTRUCTION EASEMENT
- UTILITY EASEMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS RIGHT OF WAY
- COUNTY RIGHT OF WAY
- TURN BACK LINE
- SIXTEENTH SECTION LINE
- QUARTER SECTION LINE
- SECTION LINE



ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
FR 1345+40.29	812259.12	1354836.28
I5 1521+27.33	812026.76	1355142.34
L 1520+00.00	811926.14	1355220.40

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn						
TIME	10:06:40 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

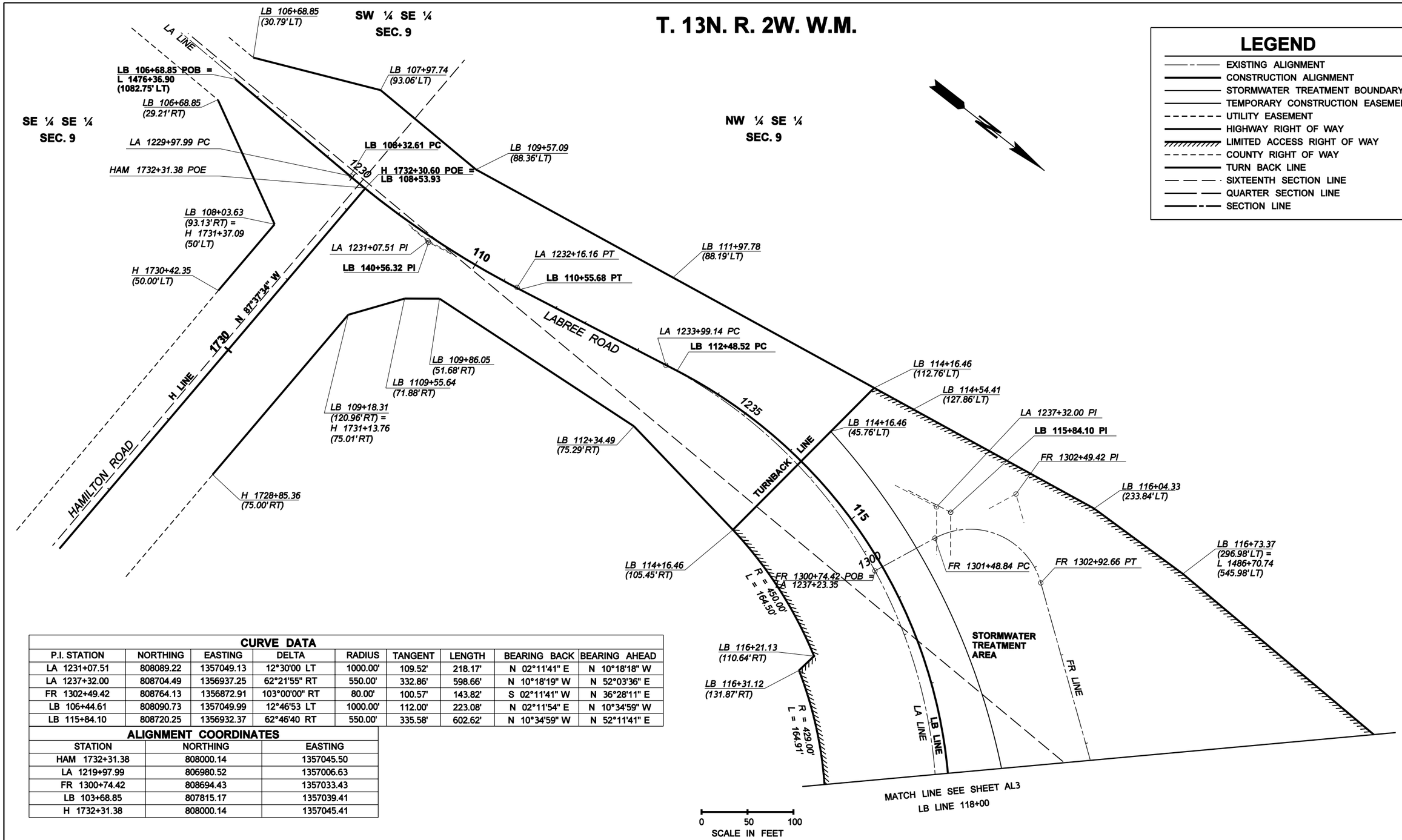
ALIGNMENT AND RIGHT OF WAY PLAN

Plot 5

PLAN REF NO
AL5

SHEET
OF
SHEETS

T. 13N. R. 2W. W.M.



CURVE DATA

P.I. STATION	NORTHING	EASTING	DELTA	RADIUS	TANGENT	LENGTH	BEARING BACK	BEARING AHEAD
LA 1231+07.51	808089.22	1357049.13	12°30'00 LT	1000.00'	109.52'	218.17'	N 02°11'41" E	N 10°18'18" W
LA 1237+32.00	808704.49	1356937.25	62°21'55" RT	550.00'	332.86'	598.66'	N 10°18'19" W	N 52°03'36" E
FR 1302+49.42	808764.13	1356872.91	103°00'00" RT	80.00'	100.57'	143.82'	S 02°11'41" W	N 36°28'11" E
LB 106+44.61	808090.73	1357049.99	12°46'53 LT	1000.00'	112.00'	223.08'	N 02°11'54" E	N 10°34'59" W
LB 115+84.10	808720.25	1356932.37	62°46'40 RT	550.00'	335.58'	602.62'	N 10°34'59" W	N 52°11'41" E

ALIGNMENT COORDINATES

STATION	NORTHING	EASTING
HAM 1732+31.38	808000.14	1357045.50
LA 1219+97.99	806980.52	1357006.63
FR 1300+74.42	808694.43	1357033.43
LB 103+68.85	807815.17	1357039.41
H 1732+31.38	808000.14	1357045.41

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:06:41 AM				JOB NUMBER 00Z000		
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ALIGNMENT AND RIGHT OF WAY PLAN

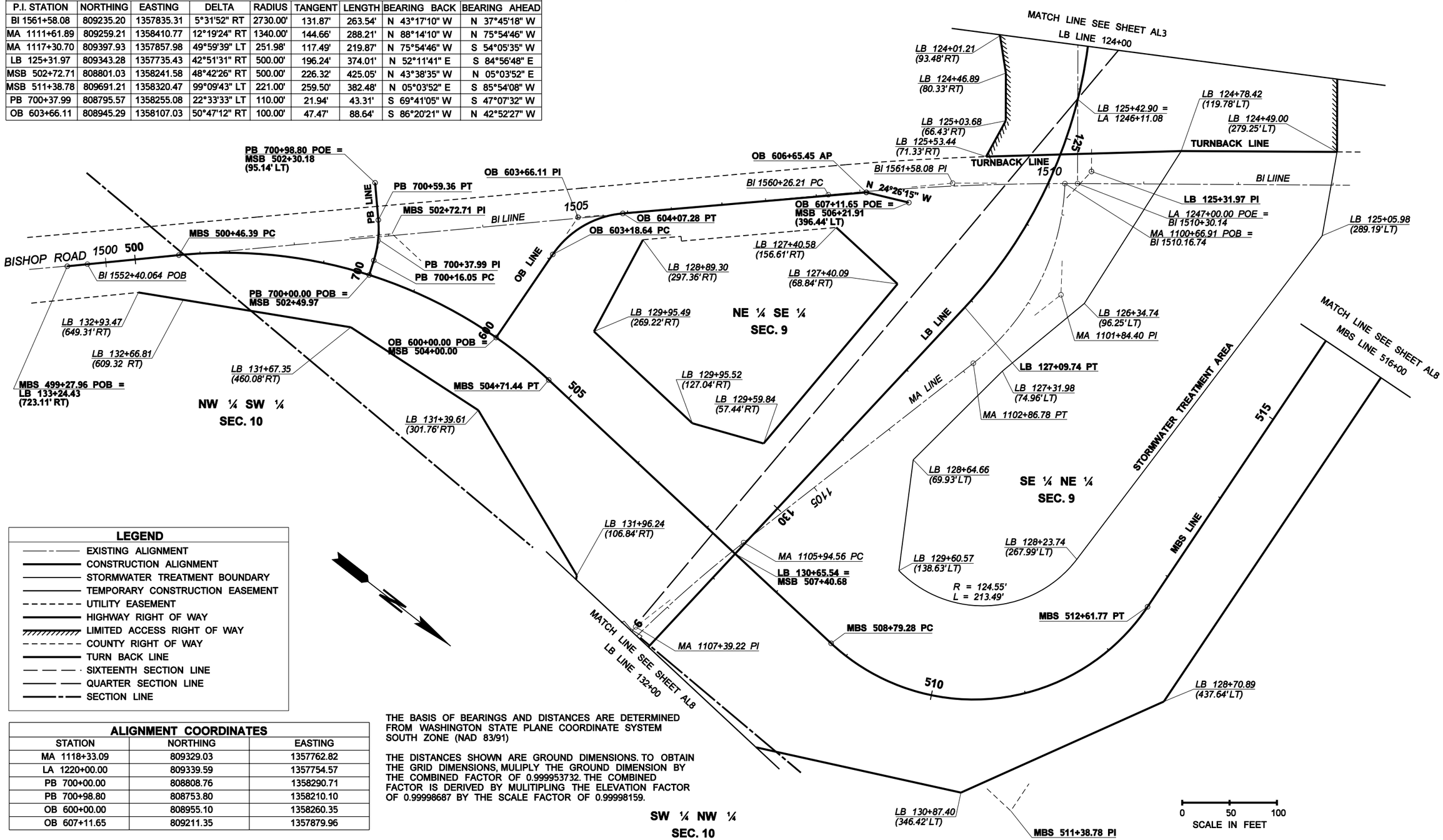
Plot 6

PLAN REF NO AL6

SHEET OF SHEETS

T. 13N. R. 2W. W.M.

CURVE DATA								
P.I. STATION	NORTHING	EASTING	DELTA	RADIUS	TANGENT	LENGTH	BEARING BACK	BEARING AHEAD
BI 1561+58.08	809235.20	1357835.31	5°31'52" RT	2730.00'	131.87'	263.54'	N 43°17'10" W	N 37°45'18" W
MA 1111+61.89	809259.21	1358410.77	12°19'24" RT	1340.00'	144.66'	288.21'	N 88°14'10" W	N 75°54'46" W
MA 1117+30.70	809397.93	1357857.98	49°59'39" LT	251.98'	117.49'	219.87'	N 75°54'46" W	S 54°05'35" W
LB 125+31.97	809343.28	1357735.43	42°51'31" RT	500.00'	196.24'	374.01'	N 52°11'41" E	S 84°56'48" E
MSB 502+72.71	808801.03	1358241.58	48°42'26" RT	500.00'	226.32'	425.05'	N 43°38'35" W	N 05°03'52" E
MSB 511+38.78	809691.21	1358320.47	99°09'43" LT	221.00'	259.50'	382.48'	N 05°03'52" E	S 85°54'08" W
PB 700+37.99	808795.57	1358255.08	22°33'33" LT	110.00'	21.94'	43.31'	S 69°41'05" W	S 47°07'32" W
OB 603+66.11	808945.29	1358107.03	50°47'12" RT	100.00'	47.47'	88.64'	S 86°20'21" W	N 42°52'27" W



LEGEND

- EXISTING ALIGNMENT
- CONSTRUCTION ALIGNMENT
- STORMWATER TREATMENT BOUNDARY
- TEMPORARY CONSTRUCTION EASEMENT
- UTILITY EASEMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS RIGHT OF WAY
- COUNTY RIGHT OF WAY
- TURN BACK LINE
- SIXTEENTH SECTION LINE
- QUARTER SECTION LINE
- SECTION LINE

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
MA 1118+33.09	809329.03	1357762.82
LA 1220+00.00	809339.59	1357754.57
PB 700+00.00	808808.76	1358290.71
PB 700+98.80	808753.80	1358210.10
OB 600+00.00	808955.10	1358260.35
OB 607+11.65	809211.35	1357879.96

THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM SOUTH ZONE (NAD 83/91)

THE DISTANCES SHOWN ARE GROUND DIMENSIONS. TO OBTAIN THE GRID DIMENSIONS, MULIPLY THE GROUND DIMENSION BY THE COMBINED FACTOR OF 0.999953732. THE COMBINED FACTOR IS DERIVED BY MULITIPLING THE ELEVATION FACTOR OF 0.99998687 BY THE SCALE FACTOR OF 0.99998159.

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn						
TIME	10:06:44 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NH-0000(000)

JOB NUMBER 00Z000

CONTRACT NO.

LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ALIGNMENT AND RIGHT OF WAY PLAN

Plot 7

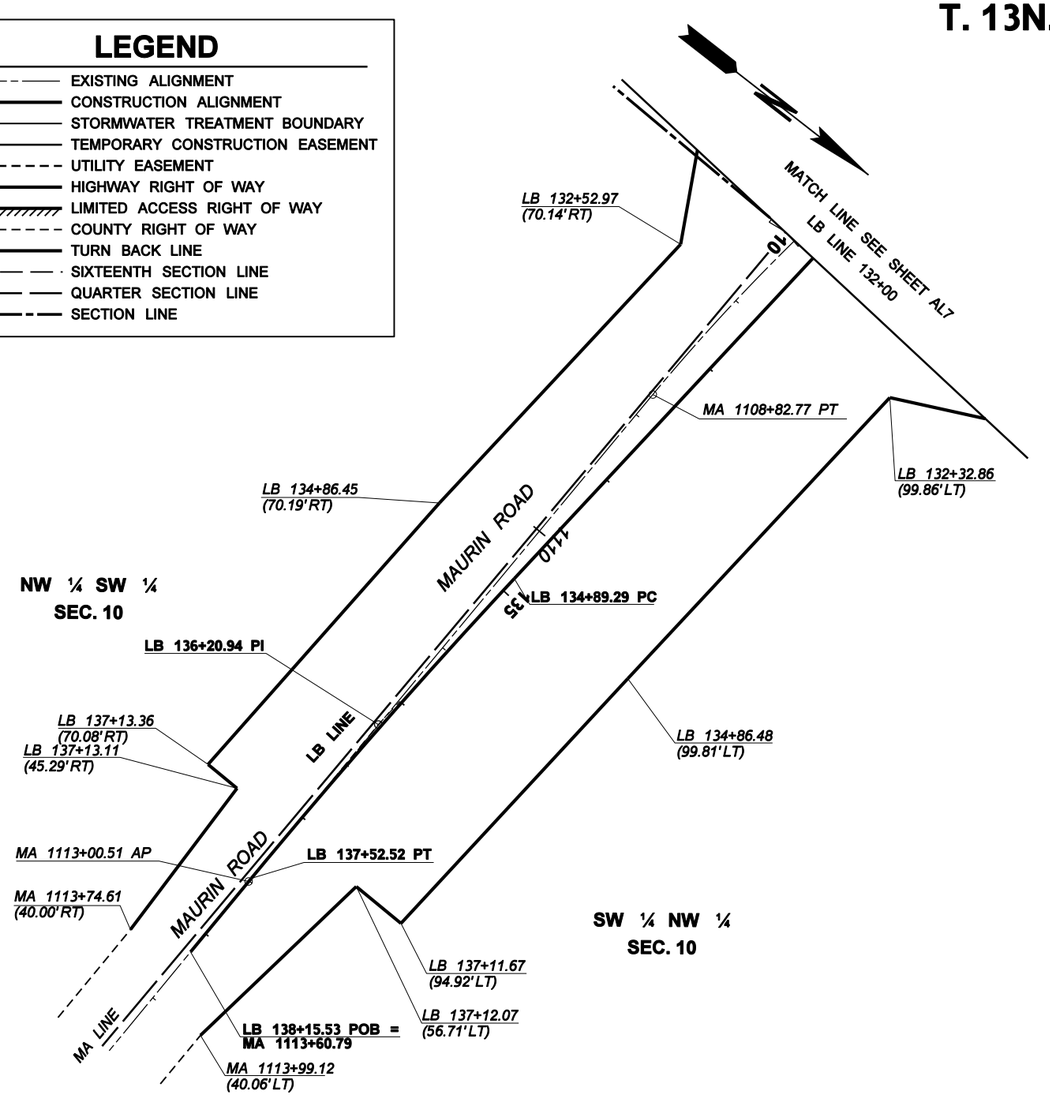
PLAN REF NO AL7

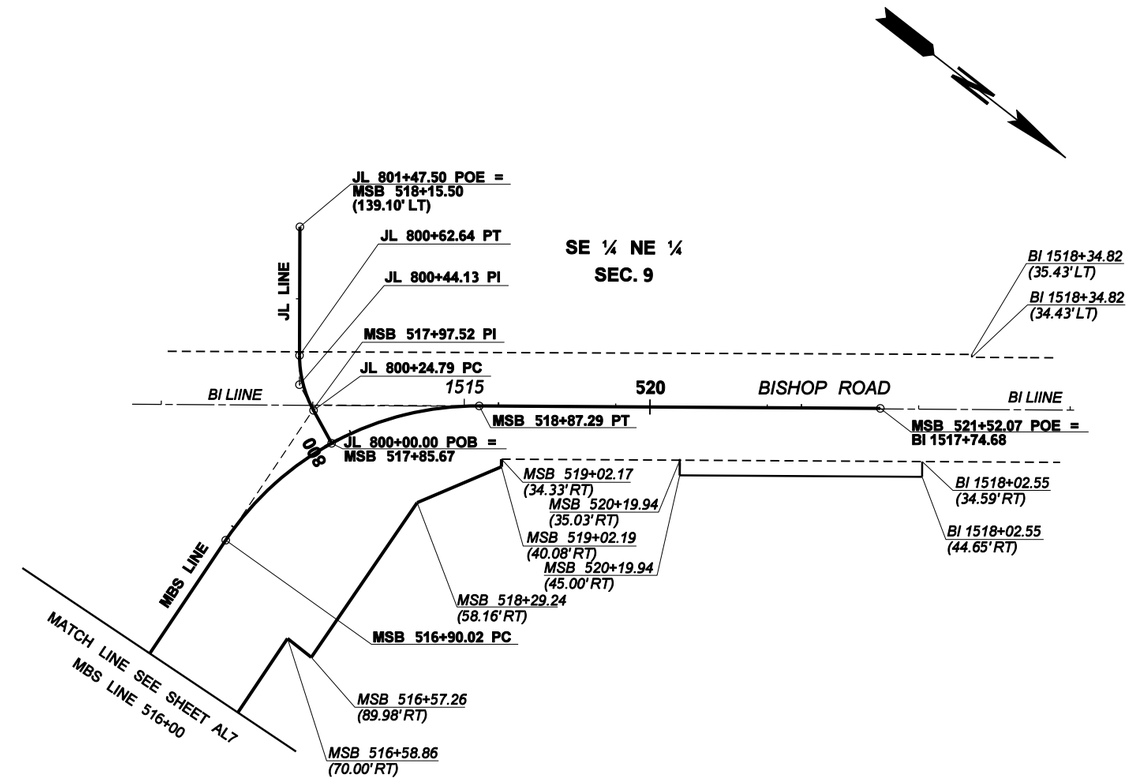
SHEET OF SHEETS

T. 13N. R. 2W. W.M.

LEGEND

- EXISTING ALIGNMENT
- CONSTRUCTION ALIGNMENT
- STORMWATER TREATMENT BOUNDARY
- TEMPORARY CONSTRUCTION EASEMENT
- UTILITY EASEMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS RIGHT OF WAY
- COUNTY RIGHT OF WAY
- TURN BACK LINE
- SIXTEENTH SECTION LINE
- QUARTER SECTION LINE
- SECTION LINE





0 50 100
SCALE IN FEET

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
MA 1100+00.00	809225.70	1359572.18
BI 1542+83.67	811918.08	1355770.43
LB 138+15.53	809240.27	1359033.16
MSB 521+52.07	809929.40	1357300.20
JL 800+00.00	809657.87	1357541.06
JL 801+47.50	809553.52	1357300.20

CURVE DATA								
P.I. STATION	NORTHING	EASTING	DELTA	RADIUS	TANGENT	LENGTH	BEARING BACK	BEARING AHEAD
MSB 516+90.02	809642.07	1357634.48	56°30'49" RT	200.00'	107.49'	197.27'	S 85°54'08" W	N 37°35'03" W
JL 800+44.13	809617.35	1357523.60	28°55'08" RT	75.00'	19.34'	37.86'	S 23°18'18" W	S 52°13'27" W
LB 136+20.94	809245.74	1358838.57	3°26'36" LT	4380.00'	131.65'	263.23'	S 84°56'48" E	S 88°23'24" E

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_ALRW.dgn
TIME	10:06:47 AM
DATE	11/23/2009
PLOTTED BY	kerrt
DESIGNED BY	DESIGNER
ENTERED BY	CAD OPERATOR
CHECKED BY	TEAM LEAD
PROJ. ENGR.	PROJECT ENGINEER
REGIONAL ADM.	REGIONAL ADM.

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ALIGNMENT AND RIGHT OF WAY PLAN

Plot 8

PLAN REF NO AL8

SHEET OF SHEETS

QUANTITY TABULATION - SITE PREPARATION

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	REMOVAL OF STRUCTURE AND OBSTRUCTION	REMOVING CONC. BARRIER	REMOVE ASPHALT CONC. PAVEMENT		REMOVING GAURDRAIL	REMOVING GAURDRAIL ANCHOR	REMOVING CHAINLINK FENCE	REMOVING WIRE FENCE								SEE GENERAL NOTES
		L.S.	L.F.	S.Y.		L.F.	EACH	L.F.	L.F.								
SP1-1	L 1450+00 (RT) TO L 1457+45 (RT)					745	1										
SP1-2	L 1458+11 (LT) TO L 1482+50 (RT)					2439	1										
SP2-1	L 1468+59 (117 RT) TO L 1483+81 (115 RT)								1522								
SP2-2	L 1471+21 (169 RT) TO L 1472+58 (185 RT)								146								
SP2-3	L 1475+02 (173 RT) TO L 1475+28 (147 RT)								105								
SP2-4	L 1475+38 (185 RT) TO L 1475+74 (114 RT)								110								
SP3-1	L 1478+79 (150 LT) TO L 1483+81 (117 LT)								510								
SP3-2	L 1479+99 (147 LT) TO L 1480+52 (217 LT)								87								
SP3-3	L 1481+13 (175 LT)	1															
SP3-4	LB 116+23 (116 RT) TO LB 119+78.68 (115 LT)								310								
SP3-5	LB 116+76 (40 RT) TO LB 120+12 (36 RT)					325	1										
SP3-6	LB 117+33 (11 LT) TO LB 120+11 (8 LT)					275	1										
SP3-7	L 1484+26 (115 LT) TO L 1520+00 (71 LT)								3575								
SP3-8	FR 1300+08 (90 RT) TO FR 1346+23 (15 RT)			14753													
SP3-9	LB 108+85 (84 RT) TO LB 119+28 (662 LT)								1476								
SP3-10	L 1490+79 (200 LT) TO L 1492+21 (199 LT)								142								
SP3-11	L 1482+50 (2 RT) TO L 1490+51 (2 RT)		301														
SP3-12	L 1490+51 (2 LT) TO L 1520+00 (2 RT)					3449											
SP3-13	L 1487+88 (71 RT) TO L 1489+32 (60 RT)					150	2										
SP3-14	LB 122+44 (36 RT) TO LB 123+77 (39 RT)					125	1										
SP3-15	LB 122+44 (5 LT) TO LB 123+70 (12 LT)					125	1										
SP3-16	L 1484+24 (116 RT) TO L 1489+10 (110 RT)								3607								
SP3-17	LB 123+06 (254 LT) TO LB 124+50 (278 LT)							204									
SP3-18	L 1486+71 (178 RT) TO L 1487+57 (180 RT)							86									
SP4-1	L 1492+99 (188 LT) TO L 1520+00 (188 LT)								2739								
SP6-1	HAM 1729+56 (75 RT) TO HAM 1731+80 (41 RT)								220								
SP6-2	HAM 1730+73 (47 RT) TO HAM 1730+83 (93 RT)	1															
SP6-3	HAM 1730+90 (76 RT) TO HAM 1731+06 (84 RT)	1															
SP6-4	H 1730+67 TO H 1732+14			486													
SP6-5	LB 106+75 TO LB 110+80			1127													
	SHEET TOTAL	3	301	16366		7633	8	290	14549								

GENERAL NOTES:

1. See Special Provision, "FILLING OF CULVERTS AND SEWER PIPE".
2. See Special Provision "REMOVING DRAINAGE STRUCTURE".
3. See Special Provision, "REMOVAL OF STRUCTURES AND OBSTRUCTIONS".
4. See Special Provision, "TEMPORARY TRAFFIC CONTROL".
5. Culverts in the median that must be filled are to remain functional until no longer needed for Stage 1 drainage.
6. Culvert must remain functional until Structure Code DR8-34 & DR8-35 are operational.
7. Remove enough of this culvert to construct shoring for Wall #1 Overexcavation

DESIGNED BY	DESIGNER				
ENTERED BY	CAD OPERATOR	05/27/09			
CHECKED BY	TEAM LEAD				
PROJ. ENGR.	PROJECT ENGINEER				
REGION ADM.	REGIONAL ADM.				
		DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NH-0000(000)

JOB NUMBER 00Z000

CONTRACT NO. SP1234

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - SITE PREPARATION

QT

SHEET OF SHEETS

QUANTITY TABULATION - SITE PREPARATION

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ↓ \ UNIT OF MEASURE →	REMOVAL OF STRUCTURE AND OBSTRUCTION	REMOVING CONC. BARRIER	REMOVE ASPHALT CONC. PAVEMENT		REMOVING GAURDRAIL	REMOVING GAURDRAIL ANCHOR	REMOVING CHAINLINK FENCE	REMOVING WIRE FENCE								SEE GENERAL NOTES
		L.S.	L.F.	S.Y.		L.F.	EACH	L.F.	L.F.								
SP6-6	LB 108+92 (52 RT) TO LB 110+39 (44 RT)								160								
SP6-7	LB 110+88 (54 RT) TO LB 114+64 (99 RT)								364								
SP7-1	BI 1501+18 (11 RT) TO BI 1505+46 (12 RT)			1366													
SP7-2	MSB 502+78 (26 LT) TO MSB 503+38 (73 RT)								114								
SP7-3	OB 602+50 (27 RT) TO OB 604+40 (33 RT)								190								
SP7-4	BI 1507+91 (14 LT) TO BI 1509+72 (15 RT)			460													
SP7-5	BI 1510+62 (15 LT) TO BI 1514+56 (12 RT)			975													
SP7-6	LB 126+36 (43 LT) TO LB 128+68 (29 LT)			626													
	SHEET TOTAL			3427					828								
	PROJECT TOTAL	3	301	19793		7633	8	290	15377								

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR	05/27/09				**JOB NUMBER**		
CHECKED BY	TEAM LEAD					00Z000		
PROJ. ENGR.	PROJECT ENGINEER					**CONTRACT NO.**		
REGION ADM.	REGIONAL ADM.					SP1234		
		DATE	**DATE**	**REVISION**	**BY**			

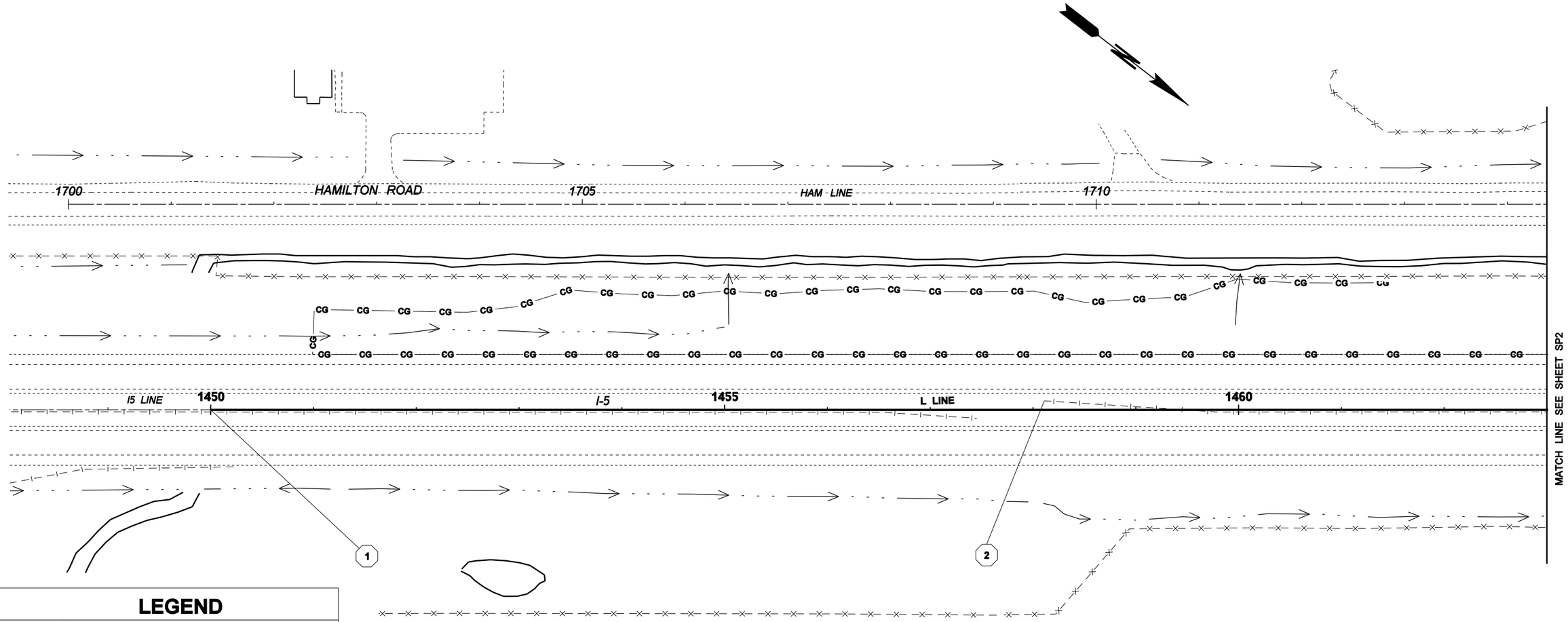
Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - SITE PREPARATION

QT

SHEET **OF** **SHEETS**



LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
	CATCHBASIN
	CULVERT
	DITCH BOTTOM
	FENCE
	GUARDRAIL
	GRAVEL EDGE
	PAVED EDGE
	BRIDGE
	RETAINING WALL
	BUILDINGS
	STREAM EDGE
	PAVEMENT REMOVAL BOUNDARY
CG CG CG	CLEARING AND GRUBBING BOUNDARY

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:58:37 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

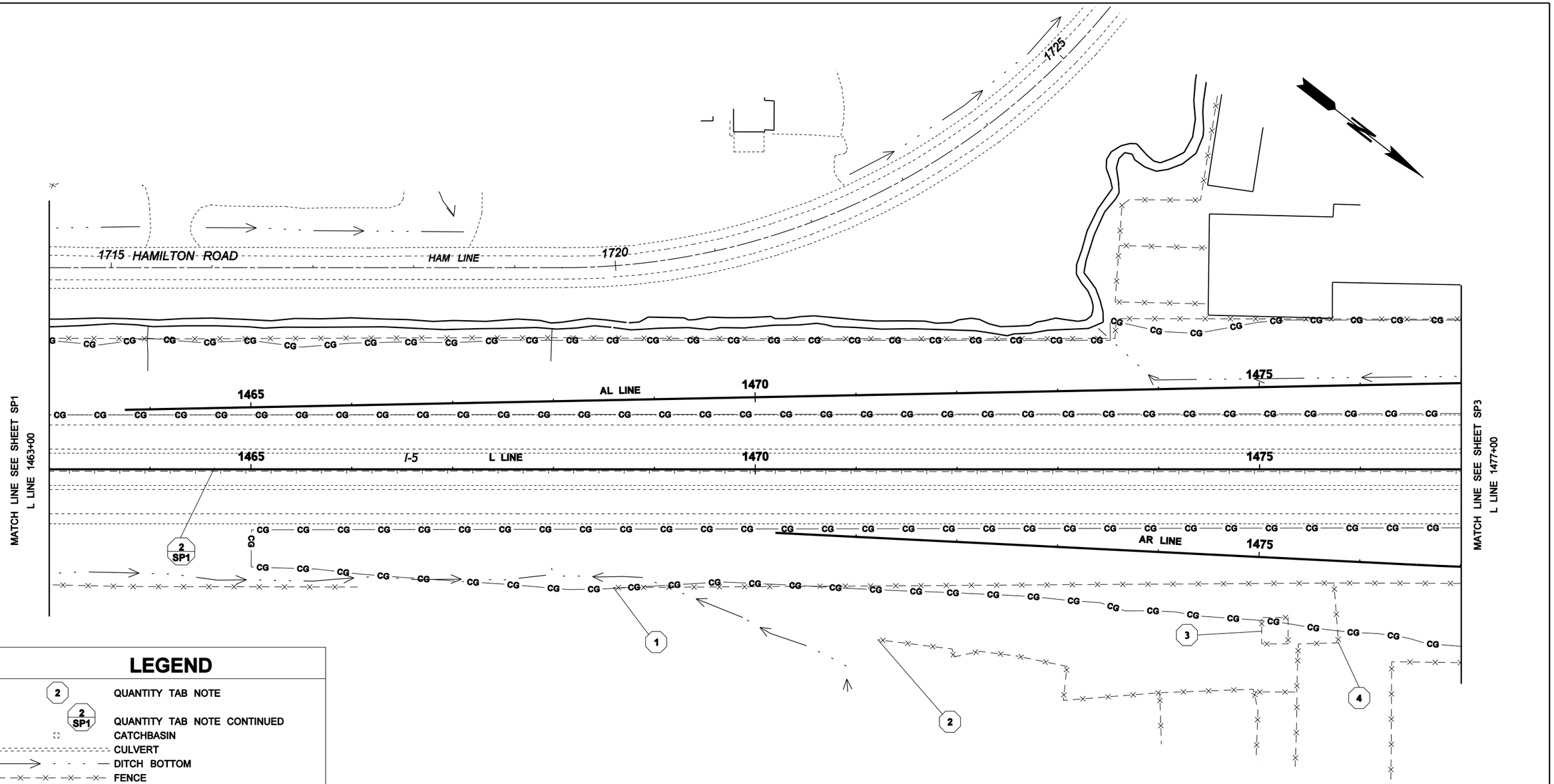
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SITE PREPARATION PLAN

Plot 1

PLAN REF NO SP1

SHEET OF SHEETS



LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
	CATCHBASIN
	CULVERT
	DITCH BOTTOM
	FENCE
	GUARDRAIL
	GRAVEL EDGE
	PAVED EDGE
	BRIDGE
	RETAINING WALL
	BUILDINGS
	STREAM EDGE
	PAVEMENT REMOVAL BOUNDARY
CG	CLEARING AND GRUBBING BOUNDARY

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn						
TIME	10:58:38 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.	LOCATION NO. SP1234	
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

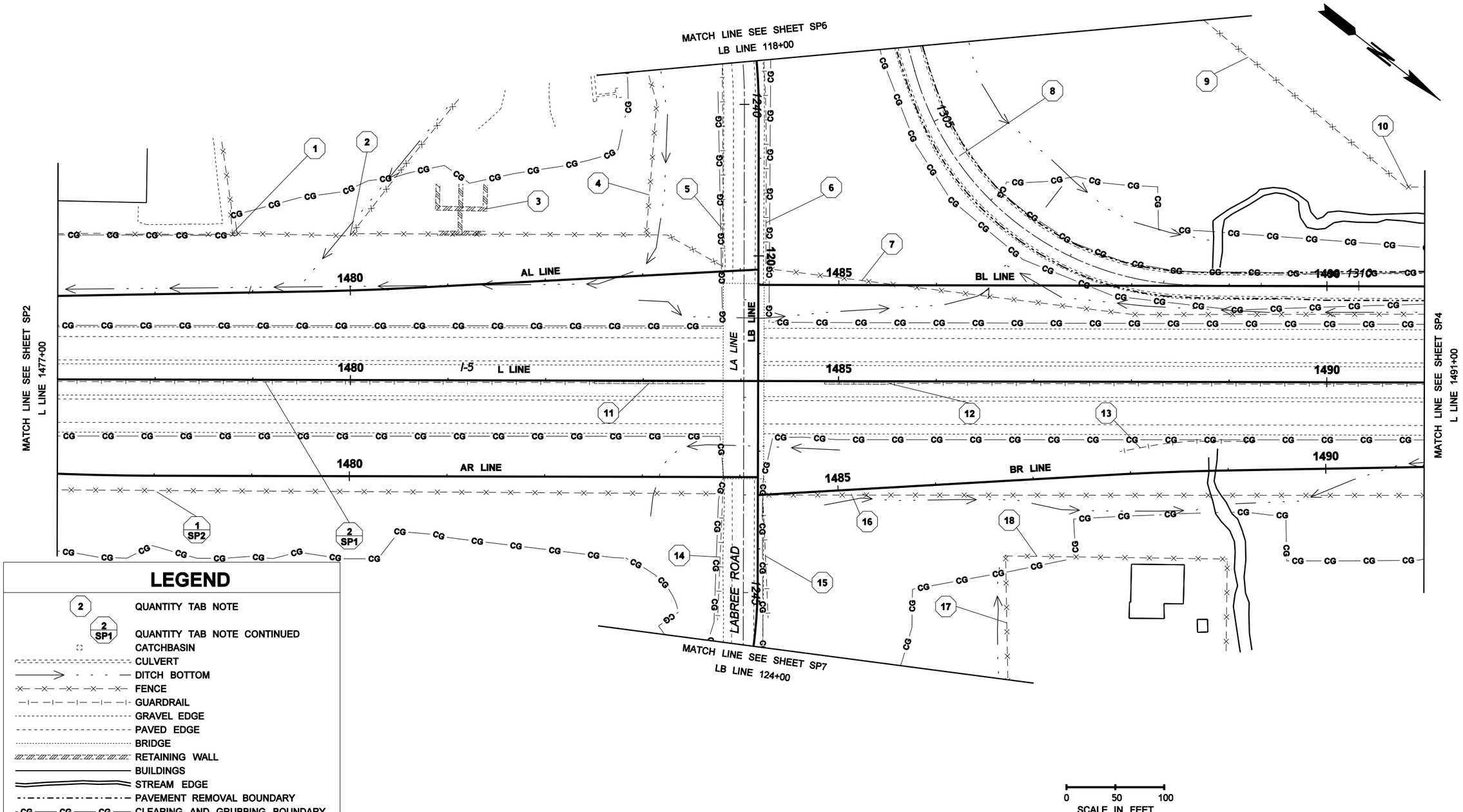
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SITE PREPARATION PLAN

Plot 2

PLAN REF NO SP2

SHEET OF SHEETS



LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
	CATCHBASIN
	CULVERT
	DITCH BOTTOM
	FENCE
	GUARDRAIL
	GRAVEL EDGE
	PAVED EDGE
	BRIDGE
	RETAINING WALL
	BUILDINGS
	STREAM EDGE
	PAVEMENT REMOVAL BOUNDARY
CG	CLEARING AND GRUBBING BOUNDARY

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn
TIME	10:58:40 AM
DATE	11/23/2009
PLOTTED BY	kerrt
DESIGNED BY	DESIGNER
ENTERED BY	CAD OPERATOR
CHECKED BY	TEAM LEAD
PROJ. ENGR.	PROJECT ENGINEER
REGIONAL ADM.	REGIONAL ADM.

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NH-0000(000)

JOB NUMBER 00Z000

CONTRACT NO.

LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

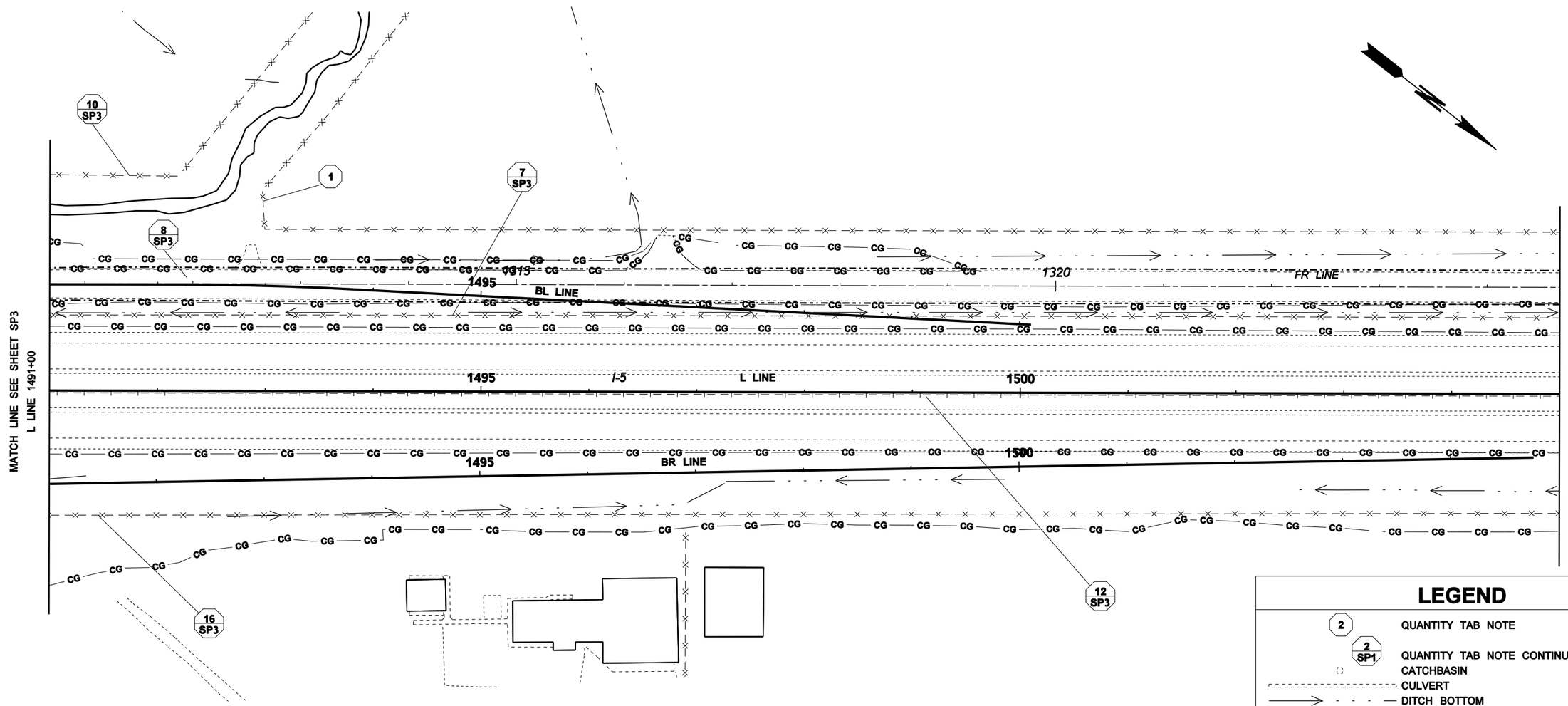
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SITE PREPARATION PLAN

Plot 3

PLAN REF NO SP3

SHEET OF SHEETS



0 50 100
SCALE IN FEET

LEGEND

- 2 — QUANTITY TAB NOTE
- 2 SP1 — QUANTITY TAB NOTE CONTINUED
- CATCHBASIN
- CULVERT
- DITCH BOTTOM
- FENCE
- GUARDRAIL
- GRAVEL EDGE
- PAVED EDGE
- BRIDGE
- RETAINING WALL
- BUILDINGS
- STREAM EDGE
- PAVEMENT REMOVAL BOUNDARY
- CG CG CG — CLEARING AND GRUBBING BOUNDARY

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:58:42 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SITE PREPARATION PLAN

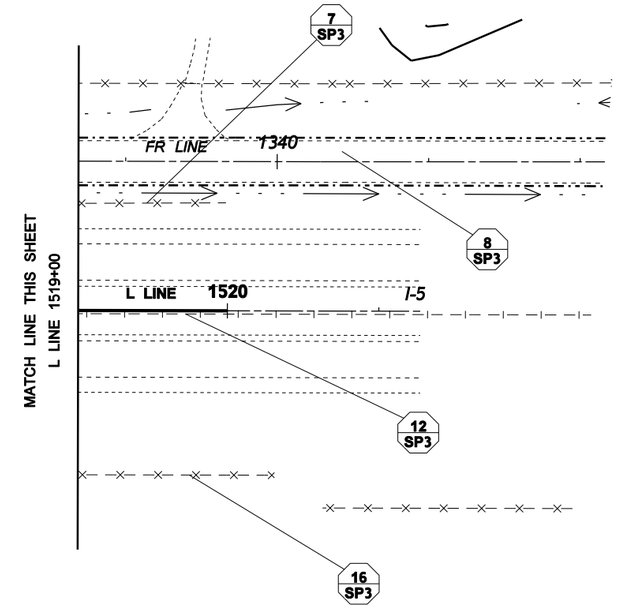
Plot 4

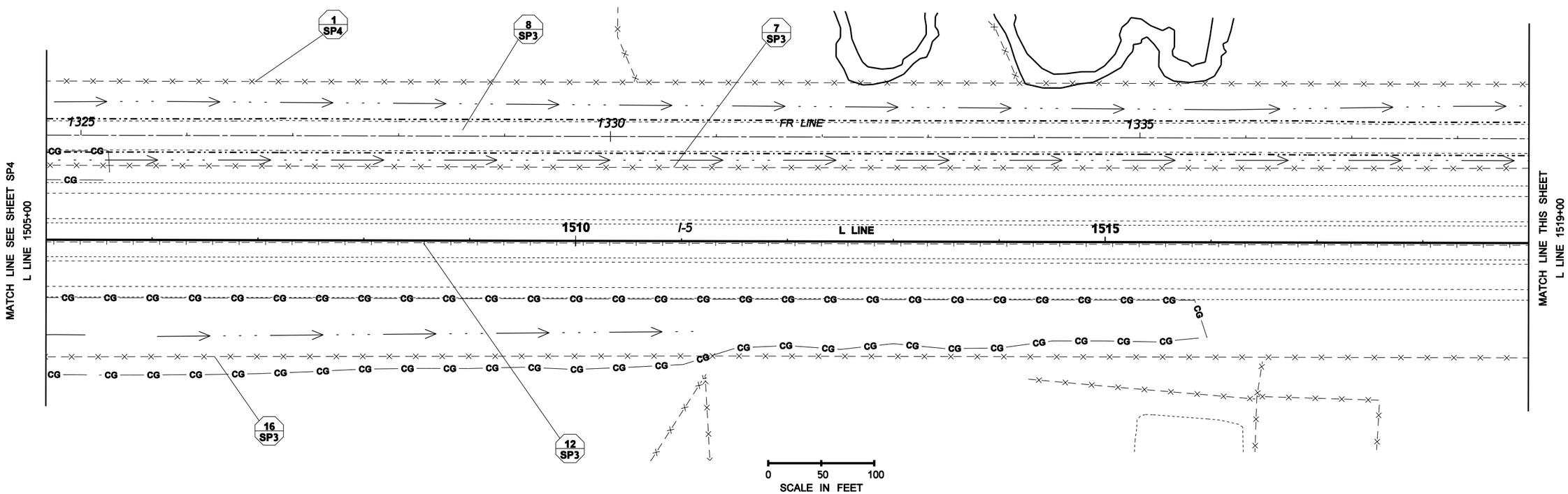
PLAN REF NO SP4

SHEET OF SHEETS

LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
	CATCHBASIN
	CULVERT
	DITCH BOTTOM
	FENCE
	GUARDRAIL
	GRAVEL EDGE
	PAVED EDGE
	BRIDGE
	RETAINING WALL
	BUILDINGS
	STREAM EDGE
	PAVEMENT REMOVAL BOUNDARY
CG CG CG	CLEARING AND GRUBBING BOUNDARY





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:58:44 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

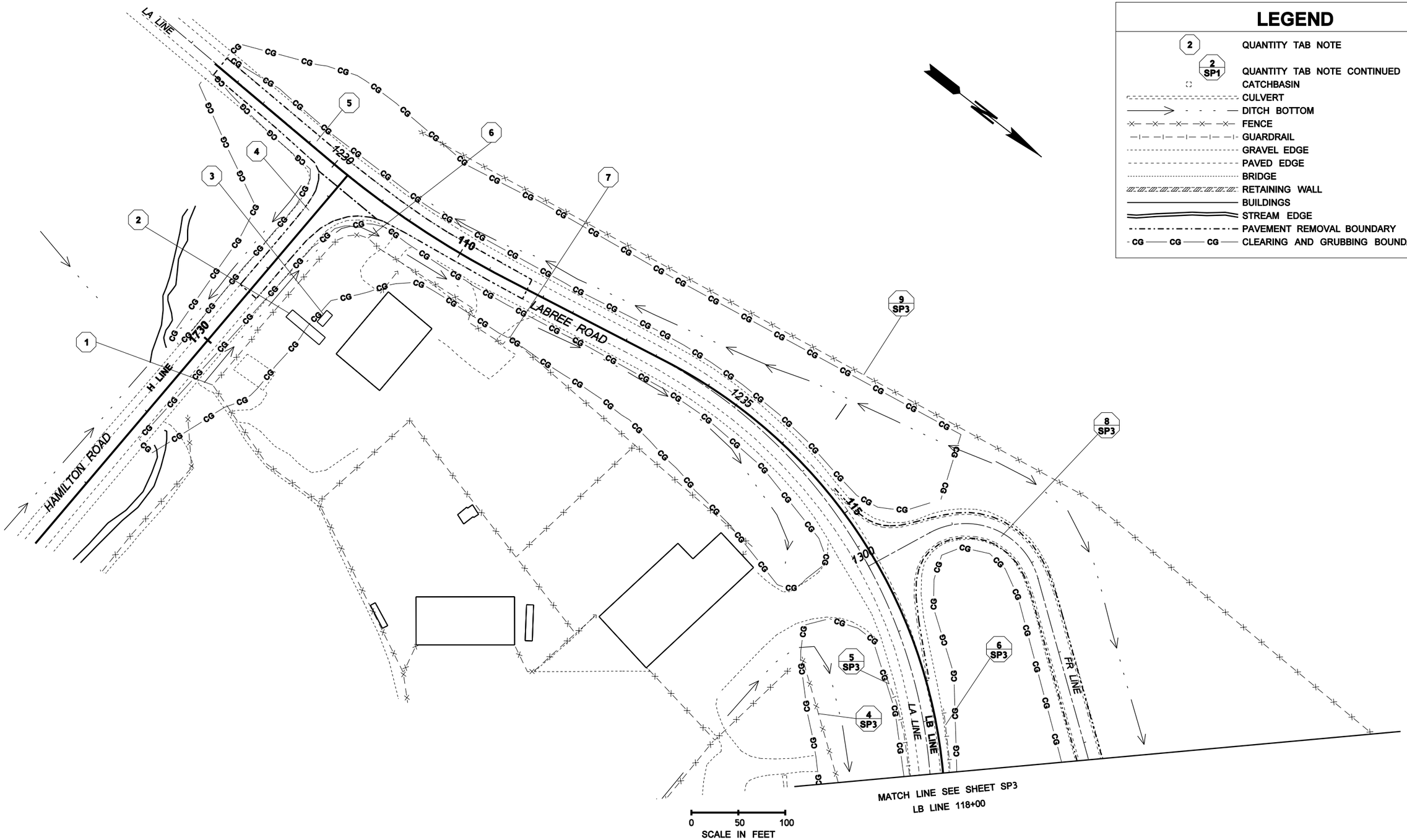
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SITE PREPARATION PLAN

Plot 5

PLAN REF NO SP5

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:58:46 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

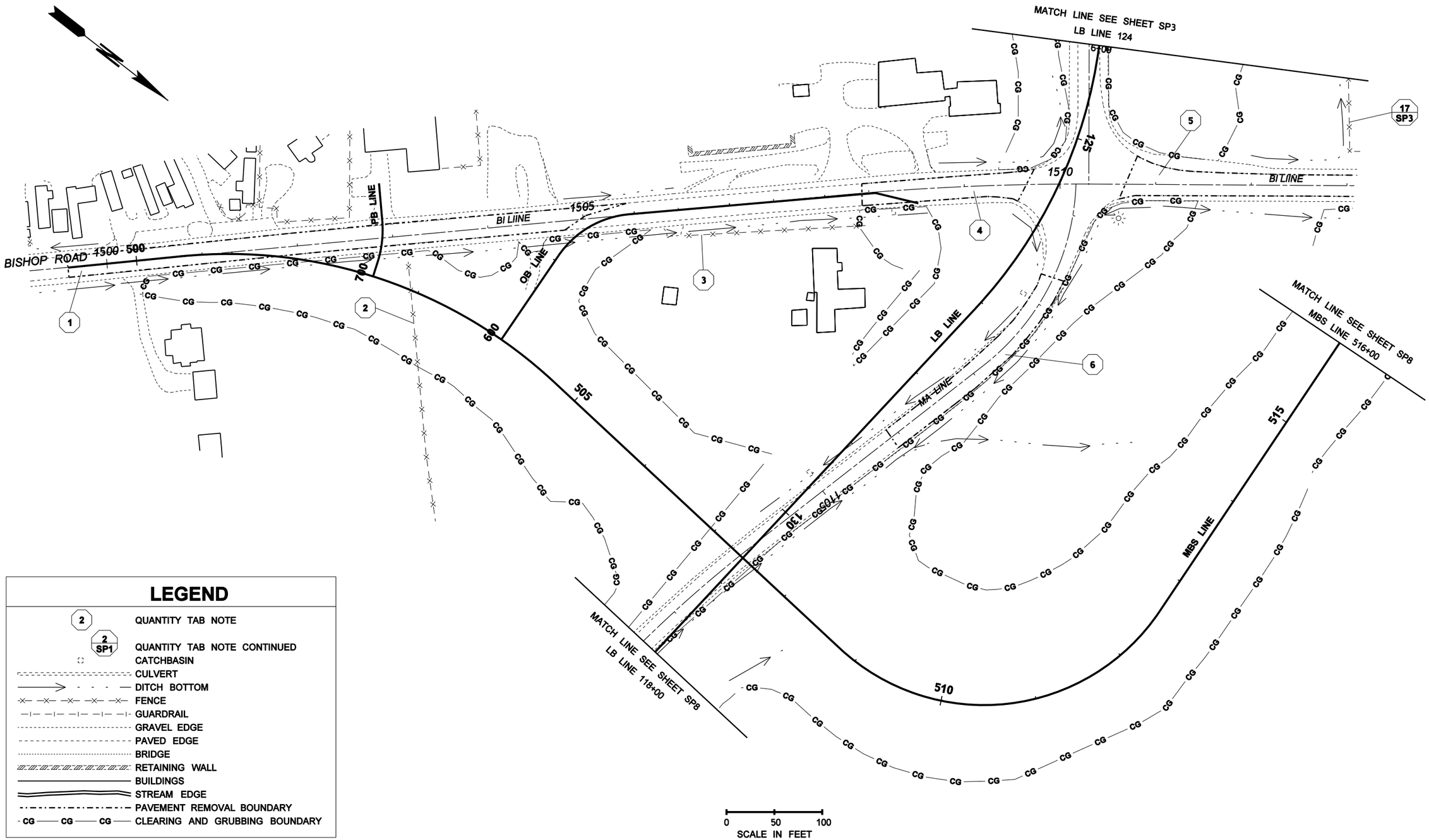
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SITE PREPARATION PLAN

Plot 6

PLAN REF NO SP6

SHEET OF SHEETS



LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
	CATCHBASIN
	CULVERT
	DITCH BOTTOM
	FENCE
	GUARDRAIL
	GRAVEL EDGE
	PAVED EDGE
	BRIDGE
	RETAINING WALL
	BUILDINGS
	STREAM EDGE
	PAVEMENT REMOVAL BOUNDARY
CG	CLEARING AND GRUBBING BOUNDARY

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation
TIME	10:58:48 AM							
DATE	11/23/2009							
PLOTTED BY	kerrt							
DESIGNED BY	DESIGNER				JOB NUMBER 00Z000			
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234	
PROJ. ENGR.	PROJECT ENGINEER							
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY				

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

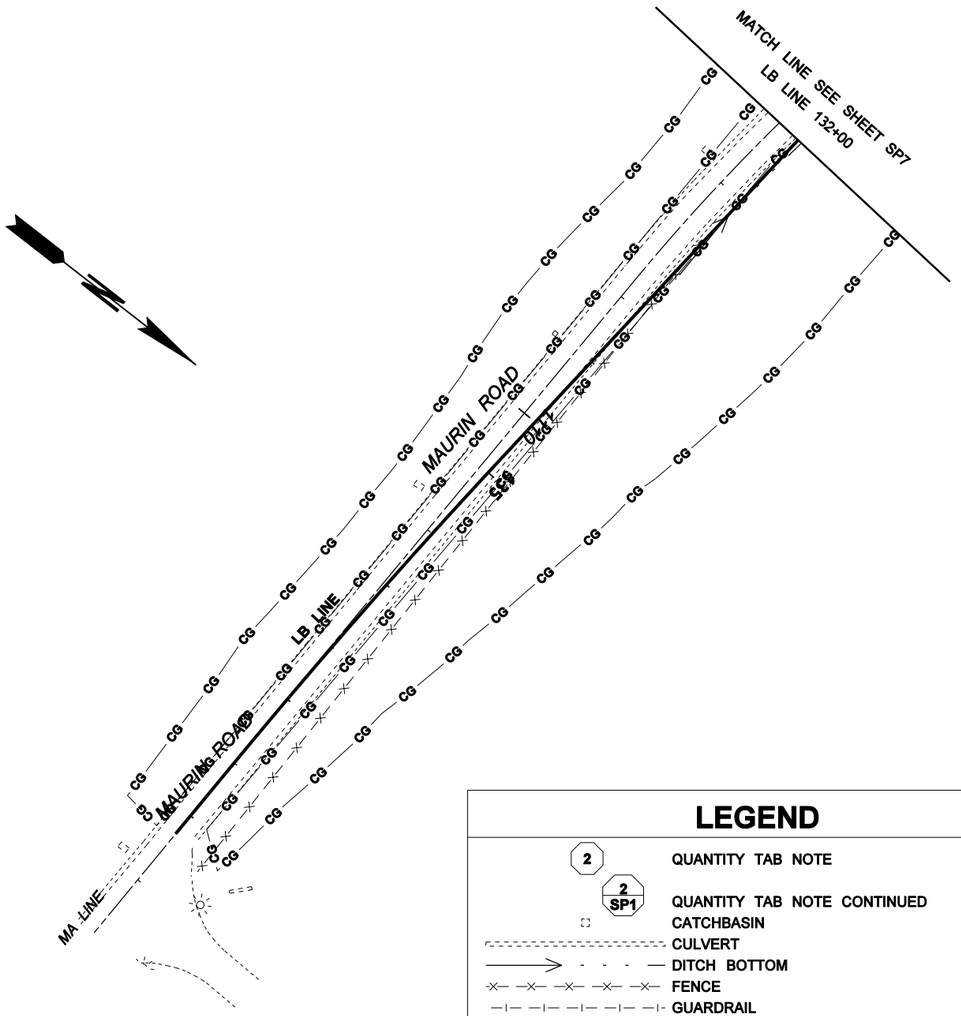
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

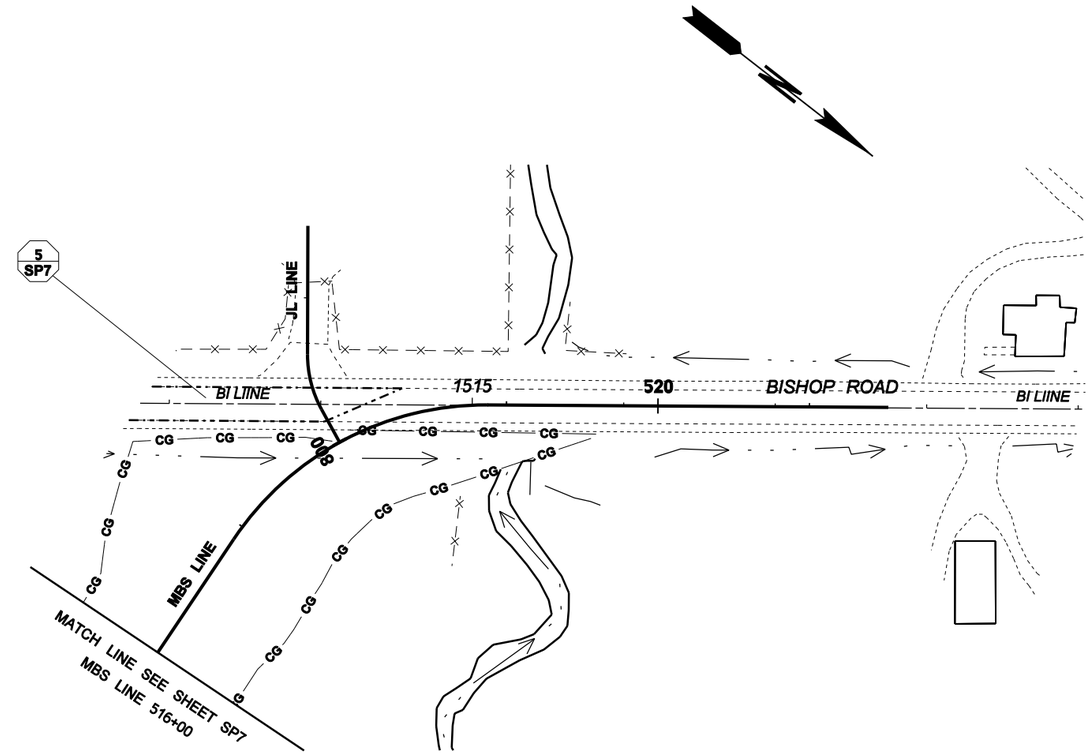
SITE PREPARATION PLAN

Plot 7

PLAN REF NO SP7

SHEET OF SHEETS





LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
	CATCHBASIN
	CULVERT
	DITCH BOTTOM
	FENCE
	GUARDRAIL
	GRAVEL EDGE
	PAVED EDGE
	BRIDGE
	RETAINING WALL
	BUILDINGS
	STREAM EDGE
	PAVEMENT REMOVAL BOUNDARY
CG CG CG	CLEARING AND GRUBBING BOUNDARY

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:58:50 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

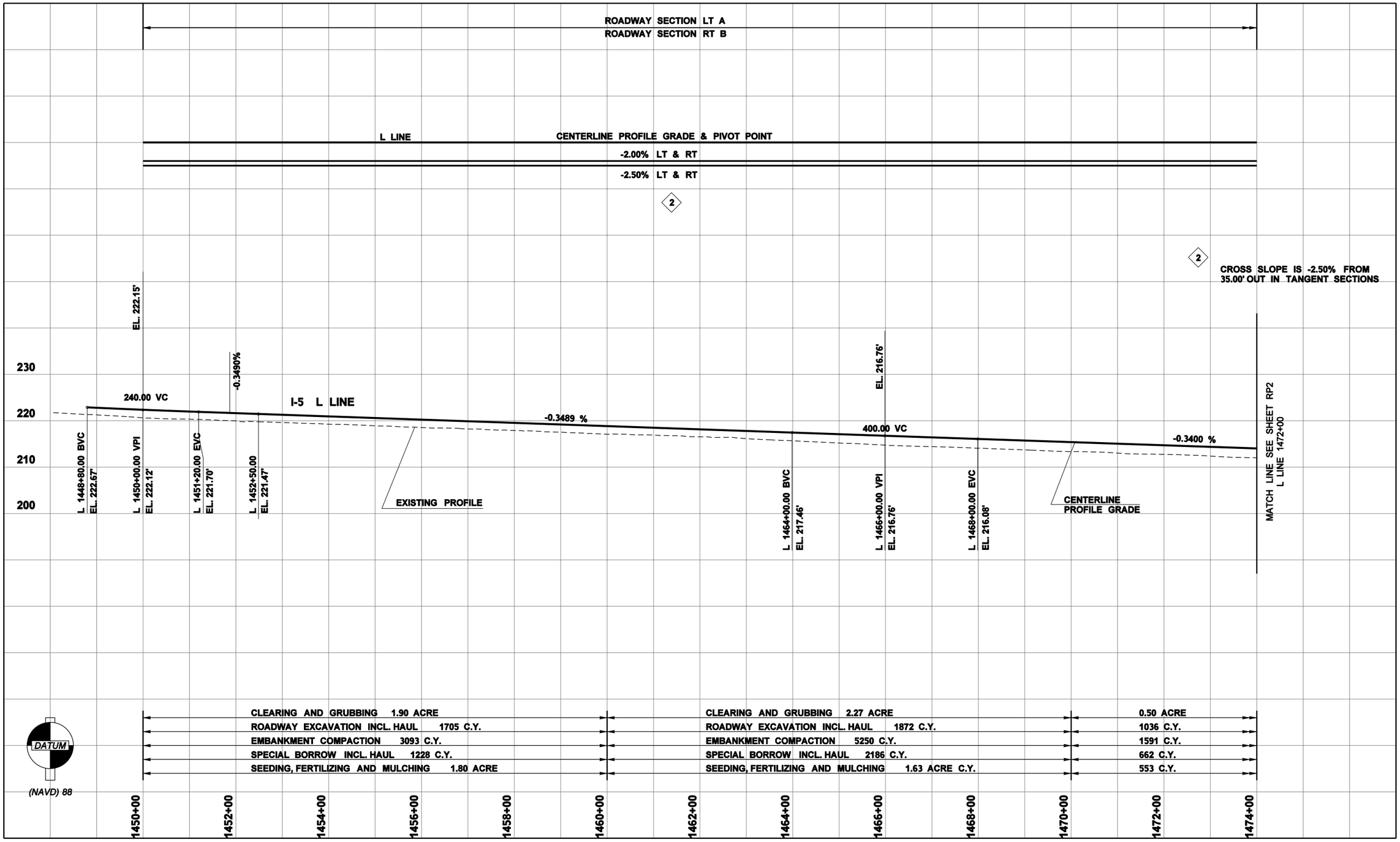
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SITE PREPARATION PLAN

Plot 8

PLAN REF NO SP8

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:04:20 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

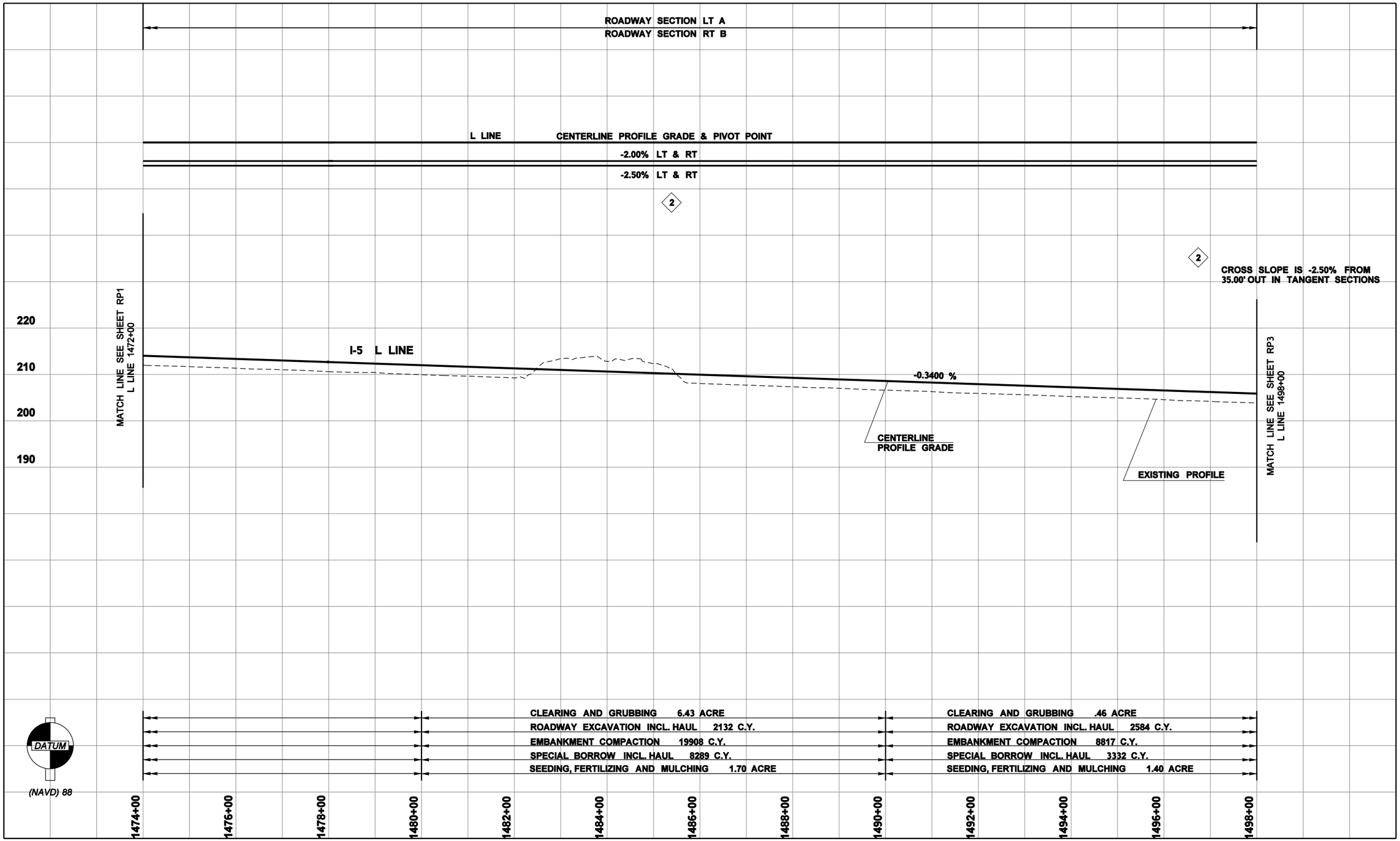
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY PROFILE

Plot 1

PLAN REF. NO. RP1

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn			
TIME	10:04:22 AM			
DATE	11/23/2009			
PLOTTED BY	kerrt			
DESIGNED BY	DESIGNER			
ENTERED BY	CAD OPERATOR			
CHECKED BY	TEAM LEAD			
PROJ. ENGR.	PROJECT ENGINEER			
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

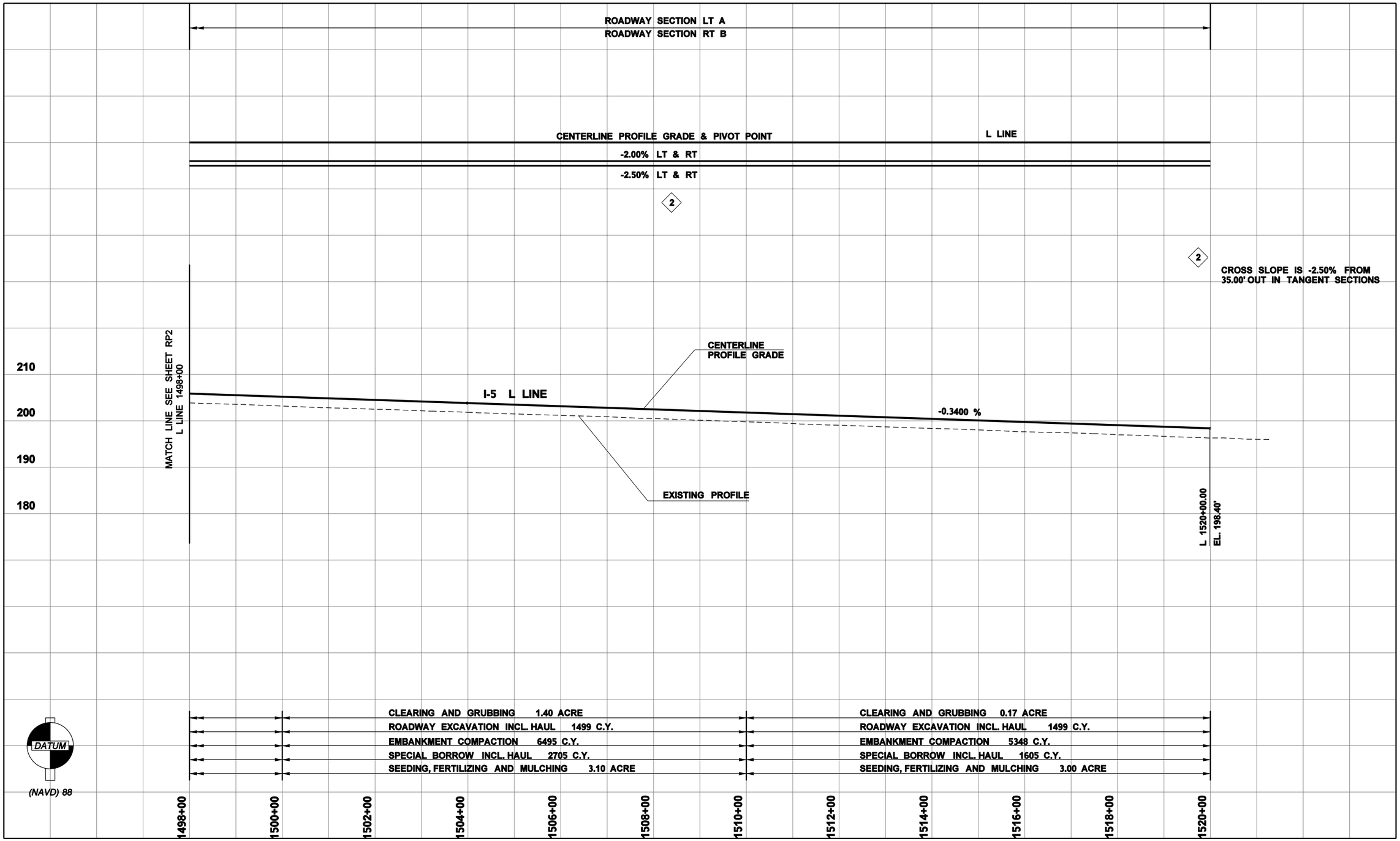
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY PROFILE

Plot 2

PLAN REF. NO. RP2

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn			
TIME	10:04:25 AM			
DATE	11/23/2009			
PLOTTED BY	kerrt			
DESIGNED BY	DESIGNER			
ENTERED BY	CAD OPERATOR			
CHECKED BY	TEAM LEAD			
PROJ. ENGR.	PROJECT ENGINEER			
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

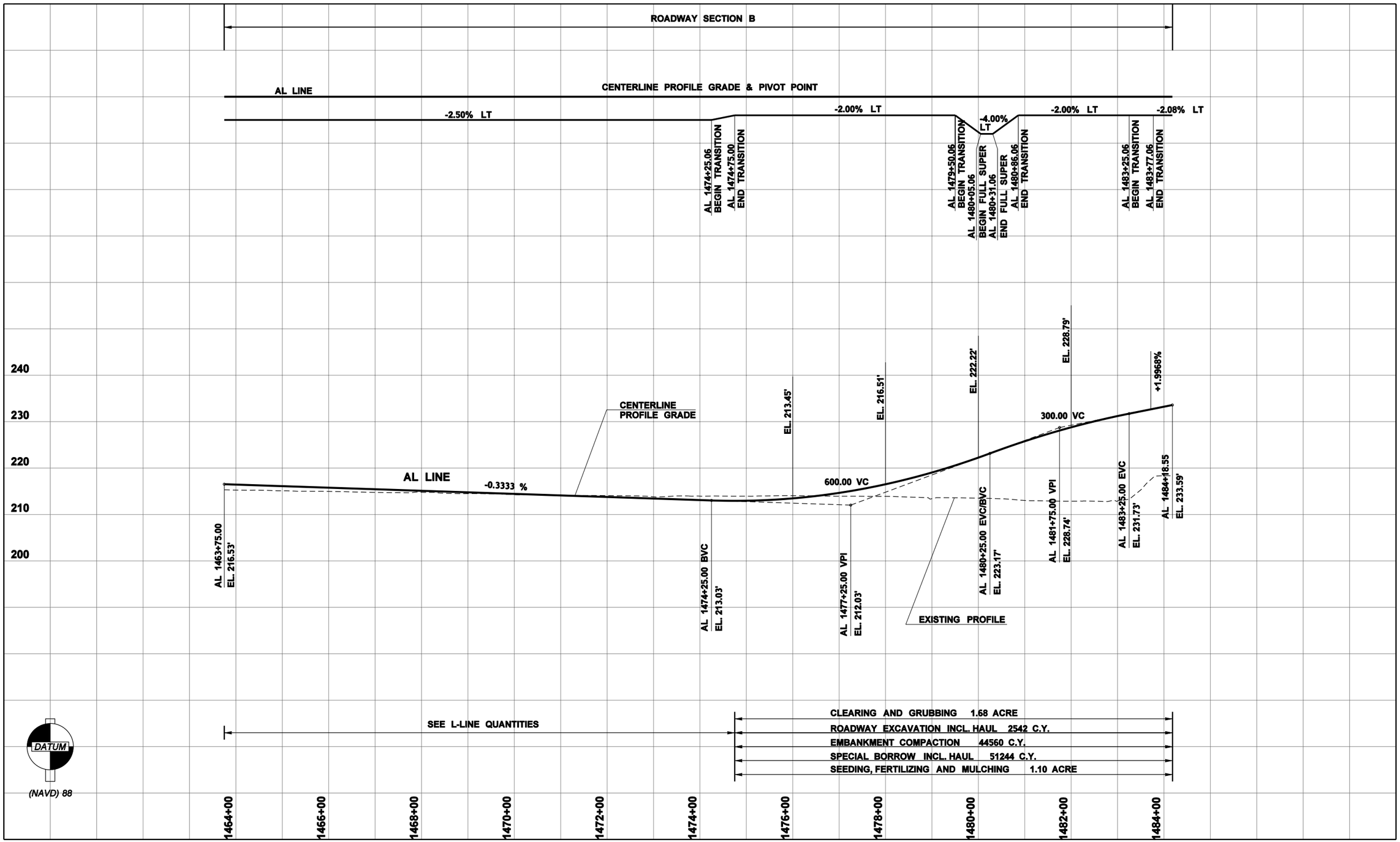
I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

ROADWAY PROFILE

Plot 3

PLAN REF. NO. RP3

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation
TIME	10:04:28 AM							I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT
DATE	11/23/2009				JOB NUMBER 00Z000			
PLOTTED BY	kerrt							
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234	ROADWAY PROFILE
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD							
PROJ. ENGR.	PROJECT ENGINEER							
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY				

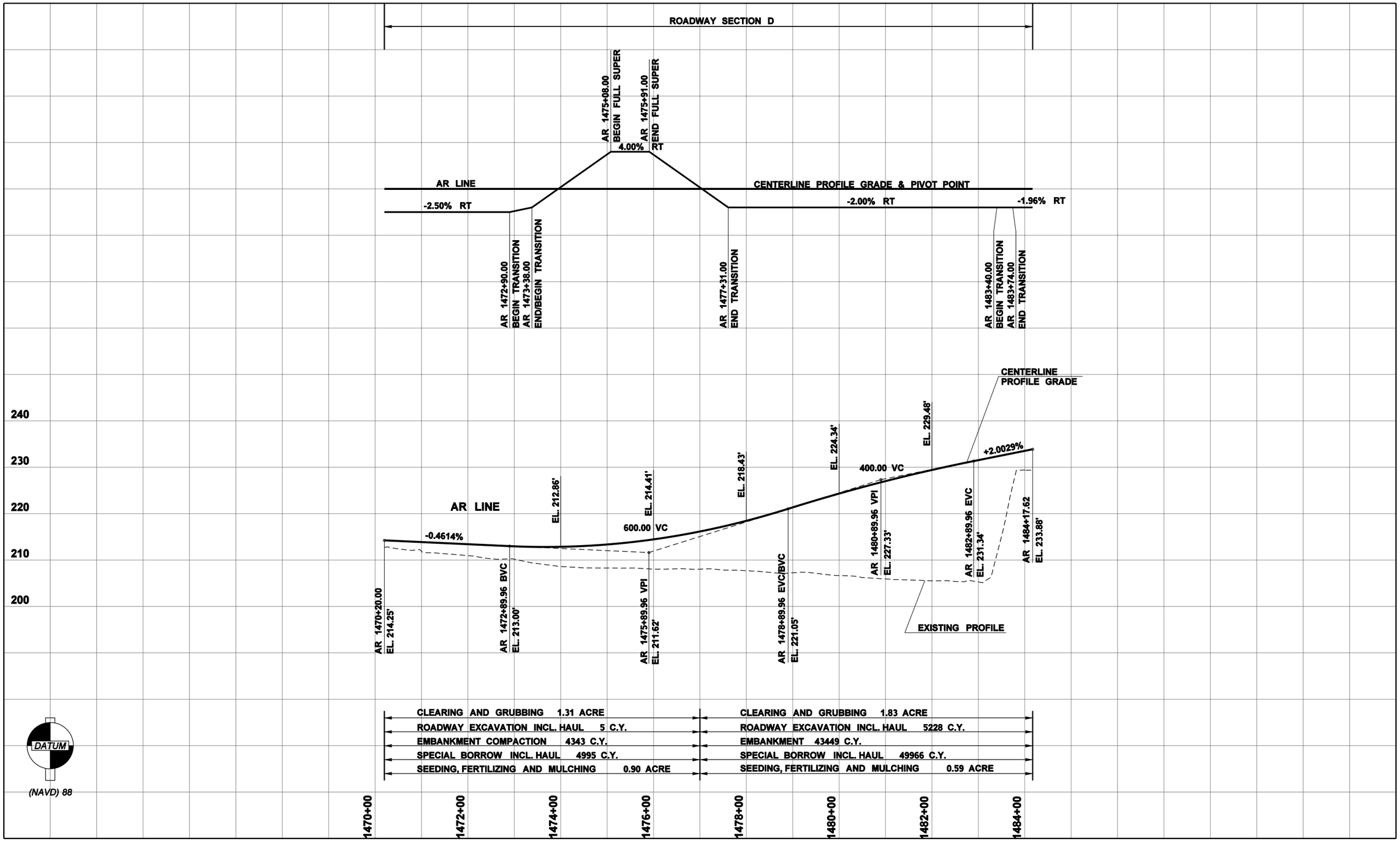
P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Plot 4

PLAN REF. NO. RP4

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:04:30 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

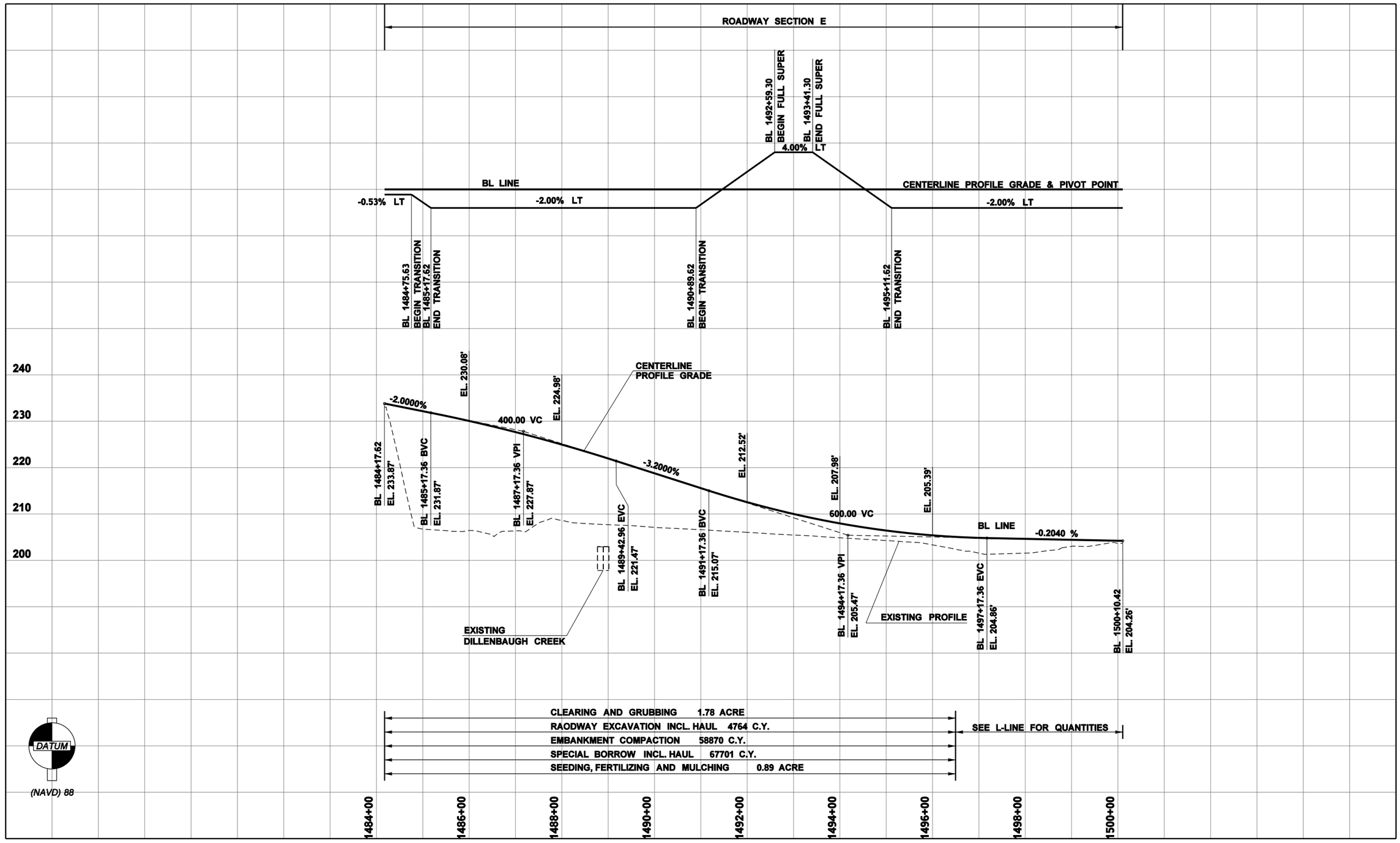
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY PROFILE

Plot 5

PLAN REF. NO. RP5

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:04:33 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

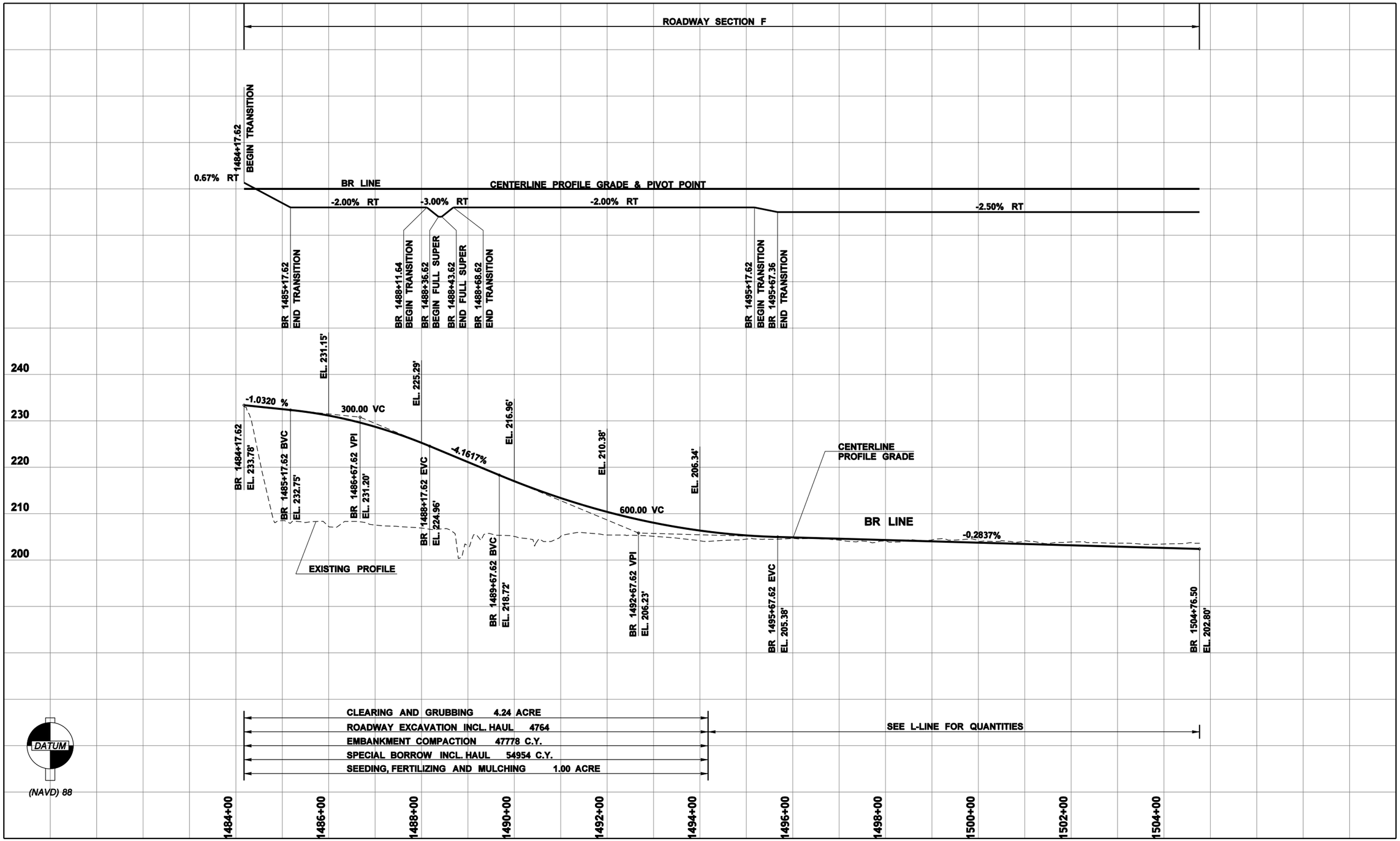
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY PROFILE

Plot 6

PLAN REF. NO. RP6

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:04:36 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

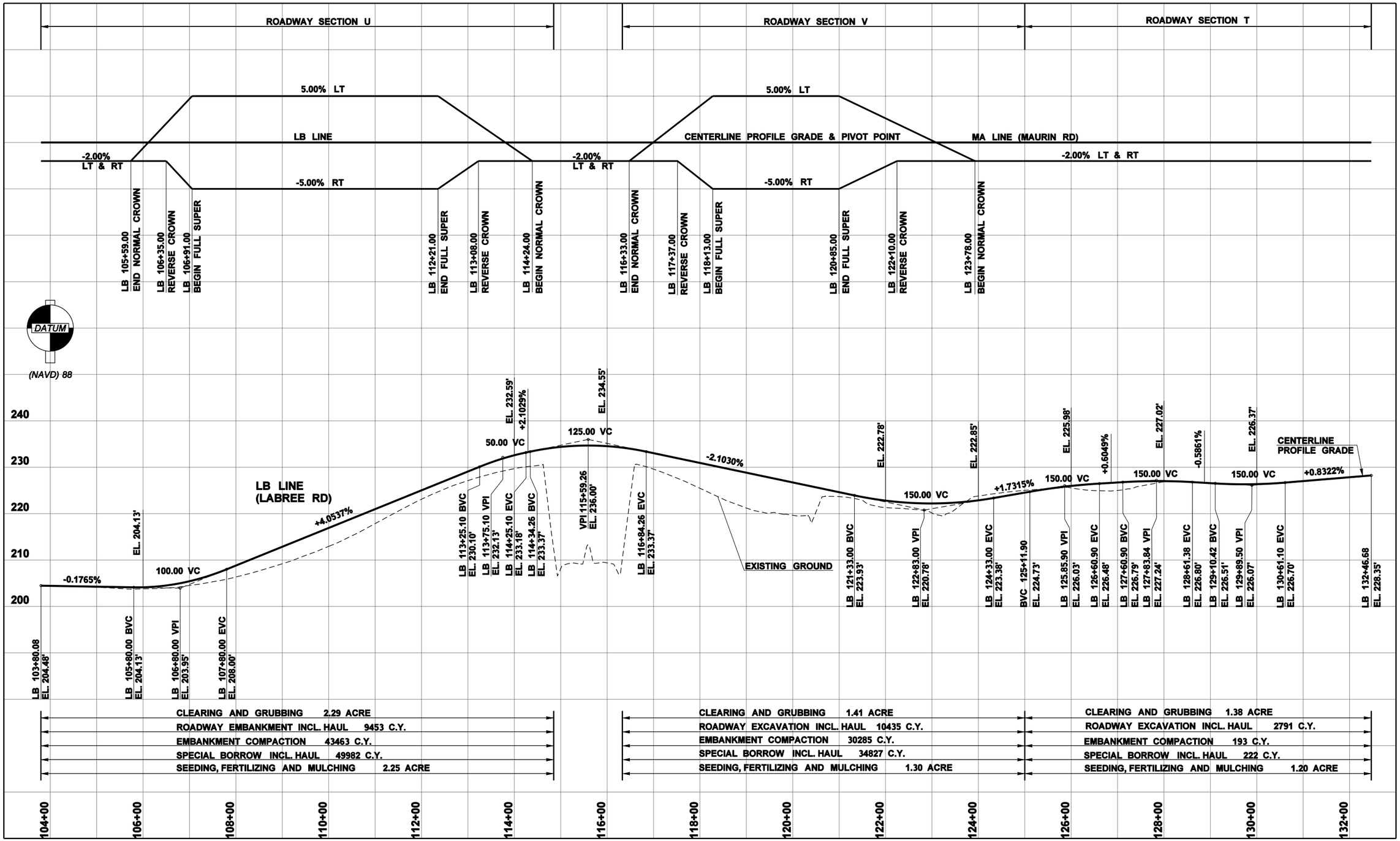
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY PROFILE

Plot 7

PLAN REF. NO. RP7

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:04:38 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

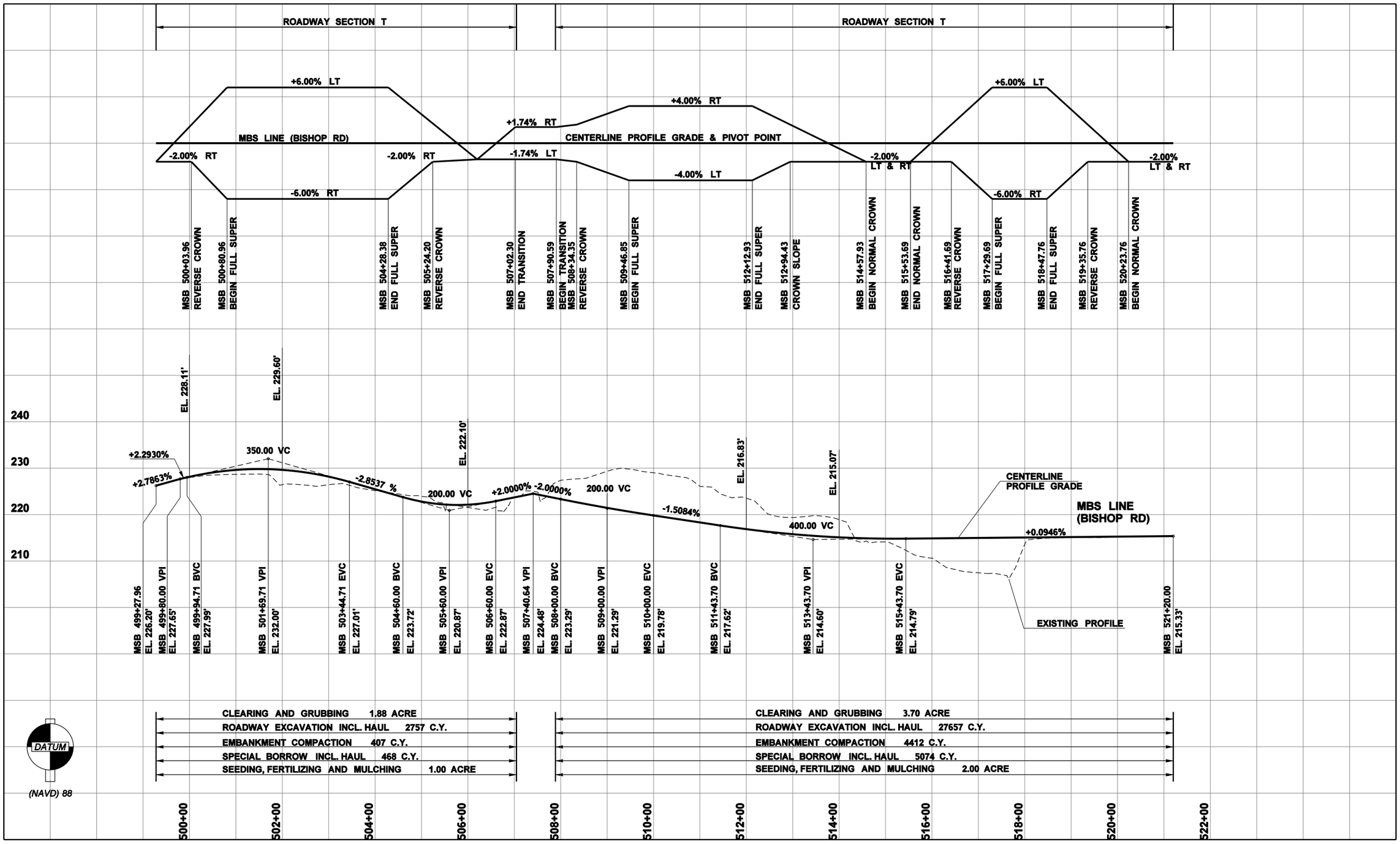
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY PROFILE

Plot 8

PLAN REF. NO. RP8

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_RP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:04:43 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ROADWAY PROFILE

Plot 9

PLAN REF. NO. RP9

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	REMOVING DRAINAGE STRUCTURE	DITCH EXCAVATION INCL. HAUL	GRATE INLET TYPE 2	QUARRY SPALLS	DRAIN PIPE 6 IN. DIAM.		SCHEDULE A CULV. PIPE 12 IN. DIAM.	SCHEDULE A CULV. PIPE 18 IN. DIAM.	SCHEDULE A CULV. PIPE 24 IN. DIAM.	CL. V REINF. CONC. CULV. PIPE 36 IN. DIAM.		BORING AND JACKING 30 IN. PLAIN STEEL CULVERT PIPE	CATCH BASIN TYPE 1L	CATCH BASIN TYPE 2 54 IN. DIAM.	TESTING STORM SEWER PIPE	SEE GENERAL NOTES
		EACH	C.Y.	EACH	TON	L.F.		L.F.	L.F.	L.F.	L.F.		L.F.	EACH	EACH	L.F.	
DR1-1	L 1455+04.87 (0.85 LT)																14
DR1-2	L 1455+04.17 (79.95 LT) TO L 1455+03.20 (133.85 LT)							29									1, 9, 11
DR1-3	L 1459+98.73 (0.85 LT)																14
DR1-4	L 1459+96.86 (82.68 LT) TO L 1459+95.44 (132.75 LT)							36									1, 9, 11
DR2-1	L 1463+98.25 (2.3 LT)	1															14
DR2-2	L 1463+97.62 (92.6 LT) TO L 1463+97.05 (138.04 LT)							33									1, 9, 11
DR2-3	L 1467+85.76 (112.37 RT) TO L 1467+95.68 (137.79 LT)												233				9
DR2-4	L 1467+97.54 (92.63 RT) TO L 1467+97.76 (6.85 RT)																7
DR2-5	L 1467+98.72 (0.59 RT)	2															
DR2-6	L 1467+98.72 (0.59 RT) TO L 1467+97.98 (105.43 LT)																7
DR2-7	AR 1473+96.44 (48.51 RT)																
DR2-8	L 1473+97.88 (1.56 LT) TO L 1473+96.63 (86.41 LT)																14
DR2-9	L 1473+96.63 (86.41 LT) TO L 1473+95.06 (130.6 LT)																1, 9, 11
DR2-10	AL 1473+99.78 (54.89 LT) TO AL 1483+00.88 (175.45 LT)							43									
DR3-1	LB 131+60.14 (127.07 LT) TO LB 135+86.41 (73.55 RT)																
DR3-2	LB 131+60.14 (126.23 LT) TO LB 131+60.57 (83.61 LT)										56						1, 9, 11
DR3-3	LB 131+61.67 (68.75 RT) TO LB 131+62.04 (147.96 RT)										102						1, 9, 11
DR3-4	LB 129+94.43 (34.79 LT)	1															
DR3-5	LB 129+92.29 (2.64 RT)	1															
DR3-6	LB 129+73.18 (59.08 LT) TO LB 129+72.24 (66.57 RT)													1		98	1, 2, 6, 14
DR3-7	BL 1484+84.19 (1.89 LT) TO BL 1484+73.14 (47.06 LT)														1	56	1, 2, 8, 14
DR3-8	BL 1484+73.14 (47.06 LT) TO BL 1486+47.76 (23.12 LT)														1	176	1, 2, 8, 14
DR3-9	BL 1486+47.76 (23.12 LT) TO BL 1486+47.13 (42.3 RT)															65	1, 2, 13
DR3-10	BL 1484+86.92 (25.36 RT) TO BL 1486+63.71 (93.74 LT)					213											1, 9
DR3-11	BL 1486+74.22 (25.5 LT) TO BL 1487+11.74 (80.07 LT)																7
DR3-12	L 1478+97.01 (0.66 LT) TO L 1478+94.00 (87.83 LT)	1															7
DR3-13	L 1478+96.83 (54.5 LT) TO L 1479+97.17 (54.5 LT)													1		100	1, 2, 6, 14
DR3-14	L 1479+97.17 (54.5 LT) TO L 1480+97.21 (54.5 LT)													1		100	1, 2, 6, 14
DR3-15	L 1480+97.21 (54.5 LT) TO L 1481+97.21 (54.5 LT)													1		100	1, 2, 6, 14
DR3-16	L 1481+97.21 (54.5 LT) TO L 1482+97.26 (54.5 LT)													1		100	1, 2, 6, 14
DR3-17	L 1482+97.26 (54.5 LT) TO L 1485+97.23 (54.51 LT)													1		300	1, 2, 6, 14
DR3-18	L 1485+97.23 (54.51 LT) TO L 1486+47.12 (56.15 LT)													1		50	1, 2, 6, 14
DR3-19	L 1486+47.12 (56.15 LT) TO L 1488+72.27 (54.5 LT)													1		224	1, 2, 6, 14
	SHEET TOTAL	6				213		141			158		233	8	2	1369	

GENERAL NOTES:

1. SEE PIPE ZONE BEDDING AND BACKFILL - STANDARD PLAN B-55.20-00.
2. SEE CATCH BASIN TYPE 1L - STANDARD PLAN B-5.40-00.
3. SEE GRATE INLET TYPE 2 - STANDARD PLAN B-35.40-00.
4. SEE FRAME AND DUAL VANED GRATED FOR GRATE INLET TYPE 2 - STANDARD PLAN B-40.40-00 ROTATED INSTALLATION.
5. SEE CATCH BASIN TYPE 2 - STANDARD PLAN B-10.20-00.
6. SEE RECTANGULAR FRAME (REVERSIBLE) - STANDARD PLAN B-30.10-00
7. EXISTING PIPE OR CULVERT TO BE REMOVED.
8. SEE RECTANGULAR VANED GRATE - STANDARD PLAN B-30.30-00.
9. SEE BEVELED END SECTIONS - STANDARD PLAN B-70.20-00.
10. SEE SPECAIL PROVION, "FILLING OF CULVERTS AND SEWER PIPE".
11. CONNECTION DETAILS FOR DISSIMILAR CULVERT PIPE - STANDARD PLAN B-60.20-00.
12. CULVERTS IN THE MEDIAN THAT MUST BE FILLED ARE TO REMAIN FUNCTIONAL UNTIL NO LONGER NEEDED FOR STAGE 1 DRAINAGE.
13. SEE MANHOLE TYPE 1 - STANDARD PLAN B-15.20-00.
14. SEE STORM DRAIN INLET PROTECTION - STANDARD PLAN I-7.
15. SEE SPECAIL PROVION, "ROMOVING DRAINAGE STRUCTURE".
16.
17. CLASS 3000 CONCRETE TO BE SUBSTITUTED FOR GRAVEL BACKFILL FOR PIPE ZONE BEDDING.
18.
19. SEE SPLASH PAD DETAILS ON SHEET DD13.

					REGION NO.	STATE	FED. AID PROJ. NO.	
DESIGNED BY	DESIGNER				10	WASH		
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD				JOB NUMBER		NH-0000(000)	
PROJ. ENGR.	PROJECT ENGINEER				00Z000			
REGION ADM.	REGIONAL ADM.				CONTRACT NO.			
		DATE	DATE	REVISION	SP1234			

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 1

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	HIGH DENSITY POLYETHYLINE PIPE 18 IN. DIAM.	POND CONTROL STRUCTURE TYPE 2 54 IN. DIAM.		STRUCTURE EXCAVATION CLASS B INCL. HAUL	SHORING OR EXTRA EXCAVATION CLASS B	CONTROLLED DENSITY FILL	COMMERCIAL CONCRETE	MANHOLE 60 IN. DIAM. TYPE 1	ADJUST CATCH BASIN	SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH		C.Y.	S.F.	C.Y.	C.Y.	EACH	EACH	
DR1-1	L 1455+04.87 (0.85 LT)															1	14
DR1-2	L 1455+04.17 (79.95 LT) TO L 1455+03.20 (133.85 LT)										11						1, 9, 11
DR1-3	L 1459+98.73 (0.85 LT)															1	14
DR1-4	L 1459+96.86 (82.68 LT) TO L 1459+95.44 (132.75 LT)										14						1, 9, 11
DR2-1	L 1463+98.25 (2.3 LT)															1	14
DR2-2	L 1463+97.62 (92.6 LT) TO L 1463+97.05 (138.04 LT)										17						1, 9, 11
DR2-3	L 1467+85.76 (112.37 RT) TO L 1467+95.68 (137.79 LT)																9
DR2-4	L 1467+97.54 (92.63 RT) TO L 1467+97.76 (6.85 RT)												4				7, 10, 12
DR2-5	L 1467+98.72 (0.59 RT)												13				7, 10, 12
DR2-6	L 1467+98.72 (0.59 RT) TO L 1467+97.98 (105.43 LT)																7
DR2-7	AR 1473+96.44 (48.51 RT)																
DR2-8	L 1473+97.88 (1.56 LT) TO L 1473+96.63 (86.41 LT)															1	14
DR2-9	L 1473+96.63 (86.41 LT) TO L 1473+95.06 (130.6 LT)										22						1, 9, 11
DR2-10	AL 1473+99.78 (54.89 LT) TO AL 1483+00.88 (175.45 LT)																
DR3-1	LB 131+60.14 (127.07 LT) TO LB 135+86.41 (73.55 RT)																
DR3-2	LB 131+60.14 (126.23 LT) TO LB 131+60.57 (83.61 LT)										90						1, 9, 11
DR3-3	LB 131+61.67 (68.75 RT) TO LB 131+62.04 (147.96 RT)										50						1, 9, 11
DR3-4	LB 129+94.43 (34.79 LT)																
DR3-5	LB 129+92.29 (2.64 RT)																
DR3-6	LB 129+73.18 (59.08 LT) TO LB 129+72.24 (66.57 RT)				98						61						1, 2, 6, 14
DR3-7	BL 1484+84.19 (1.89 LT) TO BL 1484+73.14 (47.06 LT)				56						36	112					1, 2, 8, 14
DR3-8	BL 1484+73.14 (47.06 LT) TO BL 1486+47.76 (23.12 LT)				176						99	352					1, 2, 8, 14
DR3-9	BL 1486+47.76 (23.12 LT) TO BL 1486+47.13 (42.3 RT)	65									63						1, 2, 13
DR3-10	BL 1484+86.92 (25.36 RT) TO BL 1486+63.71 (93.74 LT)																1, 9
DR3-11	BL 1486+74.22 (25.5 LT) TO BL 1487+11.74 (80.07 LT)																7
DR3-12	L 1478+97.01 (0.66 LT) TO L 1478+94.00 (87.83 LT)																7
DR3-13	L 1478+96.83 (54.5 LT) TO L 1479+97.17 (54.5 LT)	100									27						1, 2, 6, 14
DR3-14	L 1479+97.17 (54.5 LT) TO L 1480+97.21 (54.5 LT)	100									27						1, 2, 6, 14
DR3-15	L 1480+97.21 (54.5 LT) TO L 1481+97.21 (54.5 LT)	100									27						1, 2, 6, 14
DR3-16	L 1481+97.21 (54.5 LT) TO L 1482+97.26 (54.5 LT)		100								36						1, 2, 6, 14
DR3-17	L 1482+97.26 (54.5 LT) TO L 1485+97.23 (54.51 LT)		300								110						1, 2, 6, 14
DR3-18	L 1485+97.23 (54.51 LT) TO L 1486+47.12 (56.15 LT)		50								20						1, 2, 6, 14
DR3-19	L 1486+47.12 (56.15 LT) TO L 1488+72.27 (54.5 LT)		224								86						1, 2, 6, 14
	SHEET TOTAL	365	674		330						796	464	17			4	

DESIGNED BY	DESIGNER					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	CAD OPERATOR					10	WASH	
CHECKED BY	TEAM LEAD					**JOB NUMBER**		NH-0000(000)
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 2

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	REMOVING DRAINAGE STRUCTURE	DITCH EXCAVATION INCL. HAUL	GRATE INLET TYPE 2	QUARRY SPALLS	DRAIN PIPE 6 IN. DIAM.		SCHEDULE A CULV. PIPE 12 IN. DIAM.	SCHEDULE A CULV. PIPE 18 IN. DIAM.	SCHEDULE A CULV. PIPE 24 IN. DIAM.	CL. V REINF. CONC. CULV. PIPE 36 IN. DIAM.		BORING AND JACKING 30 IN. PLAIN STEEL CULVERT PIPE	CATCH BASIN TYPE 1L	CATCH BASIN TYPE 2 54 IN. DIAM.	TESTING STORM SEWER PIPE	SEE GENERAL NOTES
		EACH	C.Y.	EACH	TON	L.F.		L.F.	L.F.	L.F.	L.F.		L.F.	EACH	EACH	L.F.	
DR3-20	L 1488+72.27 (54.5 LT) TO L 1489+09.83 (54.5 LT)													1		38	2, 6, 14, 17
DR3-21	L 1489+09.83 (54.5 LT) TO L 1489+97.24 (54.5 LT)													1		90	1, 6, 8, 14
DR3-22	L 1489+97.24 (54.5 LT) TO L 1490+97.28 (54.5 LT)														1	100	1, 5, 8, 14
DR3-23	L 1490+97.28 (54.5 LT) TO L 1492+97.21 (54.5 LT)														1	100	1, 5, 8, 14
DR3-24	L 1482+11.04 (2.17 LT) TO L 1482+94.89 (82.41 LT)	1															7
DR3-25	L 1488+73.40 (2.56 RT)	2															
DR3-26	L 1478+02.57 (54.5 RT) TO L 1479+02.53 (54.5 RT)													1		100	1, 6, 8, 14
DR3-27	L 1479+02.53 (54.5 RT) TO L 1480+02.53 (54.5 RT)													1		100	1, 6, 8, 14
DR3-28	L 1480+02.53 (54.5 RT) TO L 1481+02.53 (54.5 RT)													1		100	1, 6, 8, 14
DR3-29	L 1481+02.53 (54.5 RT) TO L 1482+02.49 (54.5 RT)													1		100	1, 6, 8, 14
DR3-30	L 1482+02.49 (54.5 RT) TO L 1483+02.58 (54.5 RT)													1		100	1, 6, 8, 14
DR3-31	L 1483+02.58 (54.5 RT) TO L 1486+02.60 (54.5 RT)													1		300	1, 6, 8, 14
DR3-32	L 1486+02.60 (54.5 RT) TO L 1487+02.32 (54.5 RT)													1		100	1, 6, 8, 14
DR3-33	L 1487+02.32 (54.5 RT) TO L 1488+02.55 (54.5 RT)													1		100	1, 6, 8, 14
DR3-34	L 1488+02.55 (54.5 RT) TO L 1488+74.41 (54.5 RT)													1		72	1, 6, 8, 14
DR3-35	L 1488+74.41 (54.5 RT) TO L 1489+09.80 (54.5 RT)													1		36	2, 6, 14, 17
DR3-36	L 1489+09.80 (54.5 RT) TO													1		244	1, 6, 8, 14
DR3-37	AR 1479+16.29 (32.79 RT) TO AR 1481+64.42 (29.04 RT)													1		248	1, 5, 8, 14
DR3-38	AR 1481+64.42 (29.04 RT) TO AR 1482+45.73 (28.9 RT)			1												80	1, 5, 8, 14
DR3-39	AR 1482+45.73 (28.9 RT) TO AR 1483+70.57 (45.75 RT)														1	135	1, 5, 8, 14
DR3-40	LB 127+75.84 (70.49 RT) TO LB 127+76.97 (50.01 LT)			1												116	1, 3, 4, 14
DR3-41	LB 127+76.97 (50.01 LT) TO LB 127+27.72 (47.9 LT)			1												65	1, 3, 4, 14
DR3-42	LB 127+27.72 (47.9 LT) TO LB 125+96.94 (48.46 LT)															117	1, 13
DR3-43	LB 127+55.18 (34.18 LT)	1															
DR3-44	LB 127+57.20 (2.22 RT)	1															
DR3-45	LB 127+32.05 (109.19 LT) TO LB 127+46.65 (64.41 RT)																7
DR3-46	BR 1484+88.54 (38.22 LT) TO BR 1486+54.79 (77.93 RT)					203											1, 9
DR3-47	LB 126+88.08 (111.57 LT) TO LB 123+25.08 (187.64 LT)																
DR3-48	LB 126+88.08 (111.57 LT) TO LB 126+10.76 (57.91 LT)															89	1, 9, 13
DR3-49	LB 126+10.76 (57.91 LT) TO LB 126+84.73 (234.94 RT)															303	1, 9
DR4-1	L 1491+70.07 (74.15 LT)	1															7
DR4-2	L 1491+70.07 (74.15 LT) TO L 1491+70.24 (1.33 LT)	1															
DR4-3	L 1496+48.67 (133.45 LT) TO L 1496+94.84 (2.32 LT)	1															7
	SHEET TOTAL	8		3		203								14	3	2833	

DESIGNED BY	DESIGNER					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	CAD OPERATOR					10	WASH	NH-0000(000)
CHECKED BY	TEAM LEAD					JOB NUMBER		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					CONTRACT NO.		
		DATE	DATE	REVISION	BY	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 3

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	HIGH DENSITY POLYETHYLINE PIPE 18 IN. DIAM.	POND CONTROL STRUCTURE TYPE 2 54 IN. DIAM.		STRUCTURE EXCAVATION CLASS B INCL. HAUL	SHORING OR EXTRA EXCAVATION CLASS B	CONTROLLED DENSITY FILL	COMMERCIAL CONCRETE	MANHOLE 60 IN. DIAM. TYPE 1	ADJUST CATCH BASIN	SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH		C.Y.	S.F.	C.Y.	C.Y.	EACH	EACH	
DR3-20	L 1488+72.27 (54.5 LT) TO L 1489+09.83 (54.5 LT)							38			18			14			2, 6, 14, 17
DR3-21	L 1489+09.83 (54.5 LT) TO L 1489+97.24 (54.5 LT)					90					47						1, 6, 8, 14
DR3-22	L 1489+97.24 (54.5 LT) TO L 1490+97.28 (54.5 LT)						100				72						1, 5, 8, 14
DR3-23	L 1490+97.28 (54.5 LT) TO L 1492+97.21 (54.5 LT)						100				72						1, 5, 8, 14
DR3-24	L 1482+11.04 (2.17 LT) TO L 1482+94.89 (82.41 LT)												4				7, 10, 15
DR3-25	L 1488+73.40 (2.56 RT)																
DR3-26	L 1478+02.57 (54.5 RT) TO L 1479+02.53 (54.5 RT)	100									27						1, 6, 8, 14
DR3-27	L 1479+02.53 (54.5 RT) TO L 1480+02.53 (54.5 RT)	100									27						1, 6, 8, 14
DR3-28	L 1480+02.53 (54.5 RT) TO L 1481+02.53 (54.5 RT)		100								36						1, 6, 8, 14
DR3-29	L 1481+02.53 (54.5 RT) TO L 1482+02.49 (54.5 RT)		100								36						1, 6, 8, 14
DR3-30	L 1482+02.49 (54.5 RT) TO L 1483+02.58 (54.5 RT)		100								36						1, 6, 8, 14
DR3-31	L 1483+02.58 (54.5 RT) TO L 1486+02.60 (54.5 RT)		300								105						1, 6, 8, 14
DR3-32	L 1486+02.60 (54.5 RT) TO L 1487+02.32 (54.5 RT)		100								36						1, 6, 8, 14
DR3-33	L 1487+02.32 (54.5 RT) TO L 1488+02.55 (54.5 RT)		100								36						1, 6, 8, 14
DR3-34	L 1488+02.55 (54.5 RT) TO L 1488+74.41 (54.5 RT)		72								27						1, 6, 8, 14
DR3-35	L 1488+74.41 (54.5 RT) TO L 1489+09.80 (54.5 RT)							36			14			13			2, 6, 14, 17
DR3-36	L 1489+09.80 (54.5 RT) TO		244								113						1, 6, 8, 14
DR3-37	AR 1479+16.29 (32.79 RT) TO AR 1481+64.42 (29.04 RT)				248						131	831					1, 5, 8, 14
DR3-38	AR 1481+64.42 (29.04 RT) TO AR 1482+45.73 (28.9 RT)				80						55	592					1, 5, 8, 14
DR3-39	AR 1482+45.73 (28.9 RT) TO AR 1483+70.57 (45.75 RT)				135						85	1296					1, 5, 8, 14
DR3-40	LB 127+75.84 (70.49 RT) TO LB 127+76.97 (50.01 LT)				116						79						1, 3, 4, 14
DR3-41	LB 127+76.97 (50.01 LT) TO LB 127+27.72 (47.9 LT)				65						41	130					1, 3, 4, 14
DR3-42	LB 127+27.72 (47.9 LT) TO LB 125+96.94 (48.46 LT)				117						88	1100			1		1, 13
DR3-43	LB 127+55.18 (34.18 LT)																
DR3-44	LB 127+57.20 (2.22 RT)																
DR3-45	LB 127+32.05 (109.19 LT) TO LB 127+46.65 (64.41 RT)																7
DR3-46	BR 1484+88.54 (38.22 LT) TO BR 1486+54.79 (77.93 RT)																1, 9
DR3-47	LB 126+88.08 (111.57 LT) TO LB 123+25.08 (187.64 LT)																
DR3-48	LB 126+88.08 (111.57 LT) TO LB 126+10.76 (57.91 LT)			89							109	642			1		1, 9, 13
DR3-49	LB 126+10.76 (57.91 LT) TO LB 126+84.73 (234.94 RT)			303							236	2197					1, 9
DR4-1	L 1491+70.07 (74.15 LT)																7
DR4-2	L 1491+70.07 (74.15 LT) TO L 1491+70.24 (1.33 LT)												4				10
DR4-3	L 1496+48.67 (133.45 LT) TO L 1496+94.84 (2.32 LT)												10				7, 10
	SHEET TOTAL	200	1116	392	761	90	200	74			1526	6788	18	27	2		

DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGION ADM.	REGIONAL ADM.						
		DATE	**DATE**	**REVISION**		**BY**	

REGION NO.	**STATE**	**FED. AID PROJ. NO.**
10	WASH	NH-0000(000)
JOB NUMBER		
00Z000		
CONTRACT NO.		
SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 4

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	REMOVING DRAINAGE STRUCTURE	DITCH EXCAVATION INCL. HAUL	GRATE INLET TYPE 2	QUARRY SPALLS	DRAIN PIPE 6 IN. DIAM.		SCHEDULE A CULV. PIPE 12 IN. DIAM.	SCHEDULE A CULV. PIPE 18 IN. DIAM.	SCHEDULE A CULV. PIPE 24 IN. DIAM.	CL. V REINF. CONC. CULV. PIPE 36 IN. DIAM.		BORING AND JACKING 30 IN. PLAIN STEEL CULVERT PIPE	CATCH BASIN TYPE 1L	CATCH BASIN TYPE 2 54 IN. DIAM.	TESTING STORM SEWER PIPE	SEE GENERAL NOTES
		EACH	C.Y.	EACH	TON	L.F.		L.F.	L.F.	L.F.	L.F.		L.F.	EACH	EACH	L.F.	
DR4-4	L 1496+94.84 (2.32 LT) TO L 1497+25.44 (82.45 RT)	1															7
DR4-5	L 1500+91.04 (126.67 LT) TO L 1500+92.01 (78.32 LT)	1															7
DR4-6	L 1500+92.01 (78.32 LT) TO L 1500+94.19 (1.89 LT)	1															7
DR4-7	L 1491+97.32 (54.5 LT) TO L 1492+97.21 (54.5 LT)														1	100	1, 5, 8, 14
DR4-8	L 1492+97.21 (54.5 LT) TO L 1493+97.25 (54.5 LT)														1	100	1, 5, 8, 14
DR4-9	L 1493+97.25 (54.5 LT) TO L 1494+97.21 (54.5 LT)														1	100	1, 5, 8, 14
DR4-10	L 1494+97.21 (54.5 LT) TO L 1495+97.30 (54.5 LT)														1	100	1, 5, 8, 14
DR4-11	L 1495+97.30 (54.5 LT) TO L 1496+27.20 (54.5 LT)														1	30	1, 5, 8, 14
DR4-12	L 1496+27.20 (54.5 LT) TO L 1496+47.07 (54.5 LT)														1	20	1, 5, 8, 14
DR4-13	L 1496+47.07 (54.5 LT) TO L 1497+66.58 (311.91 LT)				2										1	230	1, 5, 8, 9, 14, 19
DR4-14	L 1499+95.06 (254.69 LT) TO L 1500+05.07 (241.91 LT)									20							9, 12
DR4-15	L 1500+05.07 (241.91 LT) TO L 1500+48.43 (185.46 RT)									44							9
DR4-16	L 1500+12.04 (264.09 RT) TO L 1500+48.43 (185.46 RT)				5												
DR4-17	L 1500+43.24 (191.17 RT) TO L 1500+91.75 (127.21 RT)		6														
DR4-18	L 1491+53.57 (52 RT) TO L 1493+02.53 (54.5 RT)													1		150	1, 2, 8, 14
DR4-19	L 1493+02.53 (54.5 RT) TO L 1494+02.22 (54.5 RT)													1		100	1, 2, 8, 14
DR4-20	L 1494+02.22 (54.5 RT) TO L 1494+92.70 (54.5 RT)													1		90	1, 2, 8, 14
DR4-21	L 1494+92.70 (54.5 RT) TO L 1495+02.49 (54.5 RT)													1		10	1, 2, 8, 14
DR4-22	L 1495+02.49 (54.5 RT) TO L 1495+13.01 (54.5 RT)													1		10	1, 2, 8, 14
DR4-23	L 1495+13.01 (54.5 RT) TO L 1494+97.21 (52 LT)																1, 5, 8, 14
DR4-24	L 1495+22.65 (108.94 RT) TO L 1495+13.01 (54.5 RT)																
DR4-25	L 1495+22.65 (108.94 RT) TO L 1505+99.29 (119.69 RT)																
DR5-1	L 1505+97.90 (129.23 LT) TO L 1505+97.70 (79.12 LT)								49								1, 9, 11
DR5-2	L 1505+97.24 (0.59 RT)	1															14
DR5-3	L 1505+97.05 (91.13 RT) TO L 1505+96.96 (118.95 RT)								47								1, 9, 14
DR5-4	L 1505+99.29 (119.69 RT) TO L 1511+10.45 (107.59 RT)		#														
DR5-5	L 1511+11.71 (128.1 LT) TO L 1511+11.23 (79.56 LT)								56								1, 9, 14
DR5-6	L 1511+13.23 (1.08 LT)	1															14
DR5-7	L 1511+13.37 (83.08 RT) TO L 1511+10.53 (104.64 RT)								37								1, 9, 14
DR5-8	L 1511+10.45 (107.59 RT) TO L 1515+95.88 (98.36 RT)		#														
DR5-9	L 1515+93.15 (125.25 LT) TO L 1515+94.18 (75.15 LT)								43								1, 9, 14
DR5-10	L 1515+95.98 (0.75 RT)	1															14
DR5-11	L 1515+96.04 (85.93 RT) TO L 1515+95.96 (92.39 RT)								28								1, 9, 14
	SHEET TOTAL	6	6		7				260	64				5	7	1040	

DESIGNED BY	DESIGNER					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	CAD OPERATOR					10	WASH	
CHECKED BY	TEAM LEAD					**JOB NUMBER**		NH-0000(000)
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 5

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	HIGH DENSITY POLYETHYLINE PIPE 18 IN. DIAM.	POND CONTROL STRUCTURE TYPE 2 54 IN. DIAM.		STRUCTURE EXCAVATION CLASS B INCL. HAUL	SHORING OR EXTRA EXCAVATION CLASS B	CONTROLLED DENSITY FILL	COMMERCIAL CONCRETE	MANHOLE 60 IN. DIAM. TYPE 1	ADJUST CATCH BASIN	SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH		C.Y.	S.F.	C.Y.	C.Y.	EACH	EACH	
DR4-4	L 1496+94.84 (2.32 LT) TO L 1497+25.44 (82.45 RT)												6				7, 10
DR4-5	L 1500+91.04 (126.67 LT) TO L 1500+92.01 (78.32 LT)																7
DR4-6	L 1500+92.01 (78.32 LT) TO L 1500+94.19 (1.89 LT)												3				7, 10
DR4-7	L 1491+97.32 (54.5 LT) TO L 1492+97.21 (54.5 LT)						100				72						1, 5, 8, 14
DR4-8	L 1492+97.21 (54.5 LT) TO L 1493+97.25 (54.5 LT)						100				72						1, 5, 8, 14
DR4-9	L 1493+97.25 (54.5 LT) TO L 1494+97.21 (54.5 LT)						100				72						1, 5, 8, 14
DR4-10	L 1494+97.21 (54.5 LT) TO L 1495+97.30 (54.5 LT)						100				74						1, 5, 8, 14
DR4-11	L 1495+97.30 (54.5 LT) TO L 1496+27.20 (54.5 LT)						30				25						1, 5, 8, 14
DR4-12	L 1496+27.20 (54.5 LT) TO L 1496+47.07 (54.5 LT)						20				23						1, 5, 8, 14
DR4-13	L 1496+47.07 (54.5 LT) TO L 1497+66.58 (311.91 LT)						230				135						1, 5, 8, 9, 14, 19
DR4-14	L 1499+95.06 (254.69 LT) TO L 1500+05.07 (241.91 LT)								1		7						9, 12
DR4-15	L 1500+05.07 (241.91 LT) TO L 1500+48.43 (185.46 RT)										50						9
DR4-16	L 1500+12.04 (264.09 RT) TO L 1500+48.43 (185.46 RT)																
DR4-17	L 1500+43.24 (191.17 RT) TO L 1500+91.75 (127.21 RT)																
DR4-18	L 1491+53.57 (52 RT) TO L 1493+02.53 (54.5 RT)					150					89						1, 2, 8, 14
DR4-19	L 1493+02.53 (54.5 RT) TO L 1494+02.22 (54.5 RT)					100					58						1, 2, 8, 14
DR4-20	L 1494+02.22 (54.5 RT) TO L 1494+92.70 (54.5 RT)					90					54						1, 2, 8, 14
DR4-21	L 1494+92.70 (54.5 RT) TO L 1495+02.49 (54.5 RT)					10					8						1, 2, 8, 14
DR4-22	L 1495+02.49 (54.5 RT) TO L 1495+13.01 (54.5 RT)					10					8						1, 2, 8, 14
DR4-23	L 1495+13.01 (54.5 RT) TO L 1494+97.21 (52 LT)						114				6						1, 5, 8, 14
DR4-24	L 1495+22.65 (108.94 RT) TO L 1495+13.01 (54.5 RT)																
DR4-25	L 1495+22.65 (108.94 RT) TO L 1505+99.29 (119.69 RT)																
DR5-1	L 1505+97.90 (129.23 LT) TO L 1505+97.70 (79.12 LT)																1, 9, 11
DR5-2	L 1505+97.24 (0.59 RT)															1	14
DR5-3	L 1505+97.05 (91.13 RT) TO L 1505+96.96 (118.95 RT)										26						1, 9, 14
DR5-4	L 1505+99.29 (119.69 RT) TO L 1511+10.45 (107.59 RT)																
DR5-5	L 1511+11.71 (128.1 LT) TO L 1511+11.23 (79.56 LT)																1, 9, 14
DR5-6	L 1511+13.23 (1.08 LT)															1	14
DR5-7	L 1511+13.37 (83.08 RT) TO L 1511+10.53 (104.64 RT)										21						1, 9, 14
DR5-8	L 1511+10.45 (107.59 RT) TO L 1515+95.88 (98.36 RT)																
DR5-9	L 1515+93.15 (125.25 LT) TO L 1515+94.18 (75.15 LT)																1, 9, 14
DR5-10	L 1515+95.98 (0.75 RT)															1	14
DR5-11	L 1515+96.04 (85.93 RT) TO L 1515+95.96 (92.39 RT)										15						1, 9, 14
	SHEET TOTAL					360	794		1		815		9			3	

DESIGNED BY	DESIGNER					**REGION NO.**	**STATE**	**FED. AID PROJ. NO.**	
ENTERED BY	CAD OPERATOR					10	WASH	NH-0000(000)	
CHECKED BY	TEAM LEAD					**JOB NUMBER**			
PROJ. ENGR.	PROJECT ENGINEER					00Z000			
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**			
		DATE	**DATE**	**REVISION**	**BY**	SP1234			

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 6

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	REMOVING DRAINAGE STRUCTURE	DITCH EXCAVATION INCL. HAUL	GRATE INLET TYPE 2	QUARRY SPALLS	DRAIN PIPE 6 IN. DIAM.		SCHEDULE A CULV. PIPE 12 IN. DIAM.	SCHEDULE A CULV. PIPE 18 IN. DIAM.	SCHEDULE A CULV. PIPE 24 IN. DIAM.	CL. V REINF. CONC. CULV. PIPE 36 IN. DIAM.		BORING AND JACKING 30 IN. PLAIN STEEL CULVERT PIPE	CATCH BASIN TYPE 1L	CATCH BASIN TYPE 2 54 IN. DIAM.	TESTING STORM SEWER PIPE	SEE GENERAL NOTES
		EACH	C.Y.	EACH	TON	L.F.		L.F.	L.F.	L.F.	L.F.		L.F.	EACH	EACH	L.F.	
DR5-12	L 1515+95.88 (98.36 RT) TO L 1519+96.46 (99.9 RT)		#														
DR5-13	L 1519+95.78 (132.2 LT) TO L 1519+95.77 (76.81 LT)								45								1, 9, 14
DR5-14	L 1519+97.54 (0.04 LT)	1															
DR5-15	L 1519+96.61 (87.84 RT) TO L 1519+96.69 (98.86 RT)								30								1, 9, 14
DR6-1	LB 142+09.46 (56.75 RT) TO LB 143+28.92 (25.15 RT)		#														
DR6-2	H 1729+67.95 (32.44 LT) TO H 1731+36.41 (40.12 LT)		#														
DR6-3	H 1728+98.83 (33.7 RT) TO H 1729+60.67 (26.58 RT)																
DR6-4	H 1729+03.24 (43.9 RT) TO H 1729+66.59 (45.61 RT)																
DR6-5	H 1729+66.59 (45.61 RT) TO H 1731+18.00 (72.9 RT)		#														
DR6-6	LB 140+47.79 (29.15 RT) TO LB 140+72.79 (29.98 RT)																7
DR6-7	LB 141+47.49 (65.4 LT) TO LB 141+47.25 (86.67 LT)																
DR6-8	LB 138+40.91 (36.92 LT) TO LB 143+22.30 (30.55 LT)		#														
DR6-9	LB 135+86.41 (73.55 RT) TO LB 139+89.63 (45.59 RT)		#														
DR6-10	LB 135+82.50 (71.76 RT) TO LB 135+81.20 (45.62 LT)							41									1, 9, 11
DR6-11	LB 135+77.30 (53.79 RT) TO LB 135+76.47 (79.94 RT)							41									1, 9, 11
DR7-1	MSB 499+69.88 (24.11 LT) TO MSB 500+06.89 (24.5 LT)																
DR7-2	MSB 500+06.89 (24.5 LT) TO MSB 500+75.93 (25.38 LT)		#														
DR7-3	MSB 500+75.93 (25.38 LT) TO MSB 501+46.03 (35.53 LT)																
DR7-4	MSB 501+46.03 (35.53 LT) TO MSB 502+25.17 (58.01 LT)		#														
DR7-5	MSB 502+25.17 (58.01 LT) TO MSB 502+55.34 (72.37 LT)																
DR7-6	MSB 502+55.34 (72.37 LT) TO MSB 503+13.77 (106.57 LT)		#														
DR7-7	MSB 503+13.77 (106.57 LT) TO MSB 503+39.66 (126.08 LT)																
DR7-8	OB 601+20.34 (65.25 LT) TO OB 603+77.39 (23.42 LT)		#														
DR7-9	OB 603+77.39 (23.42 LT) TO OB 604+35.26 (24.12 LT)																
DR7-10	MSB 499+80.54 (24.73 RT) TO MSB 500+17.43 (27.66 RT)																
DR7-11	MSB 500+17.43 (27.66 RT) TO MSB 505+99.74 (51.03 RT)		#														
DR7-12	OB 601+00.88 (24.36 LT) TO OB 601+78.04 (23.49 RT)																
DR7-13	OB 601+78.04 (23.49 RT) TO OB 602+94.12 (22.6 RT)																
DR7-14	OB 602+94.12 (22.6 RT) TO OB 603+51.99 (21.89 RT)																
DR7-15	OB 603+51.99 (21.89 RT) TO OB 604+80.28 (41.5 RT)																
DR7-16	LB 122+87.08 (102.5 LT) TO LB 122+75.35 (44.12 LT)																
DR7-17	MSB 504+46.56 (65.94 LT) TO LB 121+32.08 (41.32 LT)		#														
	SHEET TOTAL	1						82	75								

GENERAL NOTES:

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD					**JOB NUMBER**		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 7

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	HIGH DENSITY POLYETHYLINE PIPE 18 IN. DIAM.	POND CONTROL STRUCTURE TYPE 2 54 IN. DIAM.		STRUCTURE EXCAVATION CLASS B INCL. HAUL	SHORING OR EXTRA EXCAVATION CLASS B	CONTROLLED DENSITY FILL	COMMERCIAL CONCRETE	MANHOLE 60 IN. DIAM. TYPE 1	ADJUST CATCH BASIN	SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH		C.Y.	S.F.	C.Y.	C.Y.	EACH	EACH	
DR5-12	L 1515+95.88 (98.36 RT) TO L 1519+96.46 (99.9 RT)																
DR5-13	L 1519+95.78 (132.2 LT) TO L 1519+95.77 (76.81 LT)																1, 9, 14
DR5-14	L 1519+97.54 (0.04 LT)															1	
DR5-15	L 1519+96.61 (87.84 RT) TO L 1519+96.69 (98.86 RT)										12						1, 9, 14
DR6-1	LB 142+09.46 (56.75 RT) TO LB 143+28.92 (25.15 RT)																
DR6-2	H 1729+67.95 (32.44 LT) TO H 1731+36.41 (40.12 LT)																
DR6-3	H 1728+98.83 (33.7 RT) TO H 1729+60.67 (26.58 RT)																
DR6-4	H 1729+03.24 (43.9 RT) TO H 1729+66.59 (45.61 RT)																
DR6-5	H 1729+66.59 (45.61 RT) TO H 1731+18.00 (72.9 RT)																
DR6-6	LB 140+47.79 (29.15 RT) TO LB 140+72.79 (29.98 RT)	63															7
DR6-7	LB 141+47.49 (65.4 LT) TO LB 141+47.25 (86.67 LT)																
DR6-8	LB 138+40.91 (36.92 LT) TO LB 143+22.30 (30.55 LT)																
DR6-9	LB 135+86.41 (73.55 RT) TO LB 139+89.63 (45.59 RT)																
DR6-10	LB 135+82.50 (71.76 RT) TO LB 135+81.20 (45.62 LT)										16						1, 9, 11
DR6-11	LB 135+77.30 (53.79 RT) TO LB 135+76.47 (79.94 RT)										16						1, 9, 11
DR7-1	MSB 499+69.88 (24.11 LT) TO MSB 500+06.89 (24.5 LT)																
DR7-2	MSB 500+06.89 (24.5 LT) TO MSB 500+75.93 (25.38 LT)																
DR7-3	MSB 500+75.93 (25.38 LT) TO MSB 501+46.03 (35.53 LT)																
DR7-4	MSB 501+46.03 (35.53 LT) TO MSB 502+25.17 (58.01 LT)																
DR7-5	MSB 502+25.17 (58.01 LT) TO MSB 502+55.34 (72.37 LT)																
DR7-6	MSB 502+55.34 (72.37 LT) TO MSB 503+13.77 (106.57 LT)																
DR7-7	MSB 503+13.77 (106.57 LT) TO MSB 503+39.66 (126.08 LT)																
DR7-8	OB 601+20.34 (65.25 LT) TO OB 603+77.39 (23.42 LT)																
DR7-9	OB 603+77.39 (23.42 LT) TO OB 604+35.26 (24.12 LT)																
DR7-10	MSB 499+80.54 (24.73 RT) TO MSB 500+17.43 (27.66 RT)																
DR7-11	MSB 500+17.43 (27.66 RT) TO MSB 505+99.74 (51.03 RT)																
DR7-12	OB 601+00.88 (24.36 LT) TO OB 601+78.04 (23.49 RT)																
DR7-13	OB 601+78.04 (23.49 RT) TO OB 602+94.12 (22.6 RT)																
DR7-14	OB 602+94.12 (22.6 RT) TO OB 603+51.99 (21.89 RT)																
DR7-15	OB 603+51.99 (21.89 RT) TO OB 604+80.28 (41.5 RT)																
DR7-16	LB 122+87.08 (102.5 LT) TO LB 122+75.35 (44.12 LT)																
DR7-17	MSB 504+46.56 (65.94 LT) TO LB 121+32.08 (41.32 LT)																
	SHEET TOTAL	63									44					1	

DESIGNED BY	DESIGNER					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	CAD OPERATOR					10	WASH	NH-0000(000)
CHECKED BY	TEAM LEAD					JOB NUMBER		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					CONTRACT NO.		
		DATE	DATE	REVISION	BY	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 8

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	REMOVING DRAINAGE STRUCTURE	DITCH EXCAVATION INCL. HAUL	GRATE INLET TYPE 2	QUARRY SPALLS	DRAIN PIPE 6 IN. DIAM.		SCHEDULE A CULV. PIPE 12 IN. DIAM.	SCHEDULE A CULV. PIPE 18 IN. DIAM.	SCHEDULE A CULV. PIPE 24 IN. DIAM.	CL. V REINF. CONC. CULV. PIPE 36 IN. DIAM.		BORING AND JACKING 30 IN. PLAIN STEEL CULVERT PIPE	CATCH BASIN TYPE 1L	CATCH BASIN TYPE 2 54 IN. DIAM.	TESTING STORM SEWER PIPE	SEE GENERAL NOTES
		EACH	C.Y.	EACH	TON	L.F.		L.F.	L.F.	L.F.	L.F.		L.F.	EACH	EACH	L.F.	
DR7-18	MSB 506+04.34 (50.6 RT) TO MSB 506+07.13 (36.28 LT)							123									1, 9
DR7-19	LB 125+96.94 (48.46 LT) TO LB 124+63.76 (42.9 LT)														1	120	1, 5, 8, 14
DR7-20	LB 124+63.76 (42.9 LT) TO LB 122+75.35 (44.12 LT)			1												173	1, 5, 8, 14
DR7-21	LB 122+75.35 (44.12 LT) TO LB 122+39.29 (39.3 LT)														1	36	1, 5, 8, 14
DR7-22	LB 122+39.29 (39.3 LT) TO LB 122+03.81 (37.89 LT)			1												36	1, 5, 8, 14
DR7-23	LB 122+03.81 (37.89 LT) TO LB 121+71.23 (37.81 LT)			1												36	1, 5, 8, 14
DR7-24	LB 121+71.23 (37.81 LT) TO LB 122+17.97 (166.91 RT)				2										1	211	1, 5, 8, 14, 19
DR7-25	LB 121+31.77 (35.34 LT) TO LB 121+71.23 (37.81 LT)			1												36	1, 5, 8, 9, 14
DR7-26	LB 121+31.82 (39.09 LT) TO LB 121+32.03 (48.7 LT)															10	1, 9
DR7-27	LB 123+43.66 (100.53 LT) TO LB 123+96.57 (34.18 LT)																7
DR7-28	LB 123+28.78 (31.64 RT) TO LB 123+54.91 (26.48 RT)																7
DR7-29	LB 123+22.00 (32.47 RT) TO LB 123+38.69 (65.28 RT)																7
DR7-30	MSB 508+35.08 (56.43 RT) TO MSB 508+50.87 (33.9 LT)																
DR7-31	MSB 508+50.87 (33.9 LT) TO MSB 508+58.91 (74.81 LT)								90								1, 2, 6, 9, 14
DR7-32	MSB 508+59.94 (80.69 LT) TO MSB 512+99.19 (75.23 LT)		#						63					1			1, 9
DR7-33	MSB 512+99.19 (75.23 LT) TO MSB 513+20.43 (135.99 LT)				2				35								9, 19
DR7-34	MSB 516+48.08 (124.73 LT) TO LB 124+81.64 (223.3 RT)								11								9, 12
DR7-35	LB 124+81.64 (223.3 RT) TO MSB 517+28.35 (121.55 LT)								116								9
DR7-36	MSB 511+65.59 (48.21 RT) TO MSB 518+74.87 (35.38 RT)		#														
DR8-1	LB 111+91.04 (25.6 LT) TO LB 118+83.81 (134.08 LT)		#														
DR8-2	LB 111+84.47 (22.71 RT) TO LB 118+78.01 (94.39 RT)		#														
DR8-3	JL 800+59.42 (15.46 LT) TO JL 800+57.18 (26.79 RT)																
	SHEET TOTAL			4	4			123	315					1	3	658	
	PROJECT TOTAL	21	6	7	11	416		346	650	64	158		233	28	15	5900	

GENERAL NOTES:

DESIGNED BY	DESIGNER					REGION NO.	STATE
ENTERED BY	CAD OPERATOR					10	WASH
CHECKED BY	TEAM LEAD					JOB NUMBER	
PROJ. ENGR.	PROJECT ENGINEER					00Z000	
REGION ADM.	REGIONAL ADM.					CONTRACT NO.	
		DATE	DATE	REVISION	BY	SP1234	

FED. AID PROJ. NO.
NH-0000(000)

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 9

SHEET OF SHEETS

STRUCTURE NOTES - DRAINAGE

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	HIGH DENSITY POLYETHYLINE PIPE 18 IN. DIAM.	POND CONTROL STRUCTURE TYPE 2 54 IN. DIAM.		STRUCTURE EXCAVATION CLASS B INCL. HAUL	SHORING OR EXTRA EXCAVATION CLASS B	CONTROLLED DENSITY FILL	COMMERCIAL CONCRETE	MANHOLE 60 IN. DIAM. TYPE 1	ADJUST CATCH BASIN	SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH		C.Y.	S.F.	C.Y.	C.Y.	EACH	EACH	
DR7-18	MSB 506+04.34 (50.6 RT) TO MSB 506+07.13 (36.28 LT)										64						1, 9
DR7-19	LB 125+96.94 (48.46 LT) TO LB 124+63.76 (42.9 LT)					120					81	822					1, 5, 8, 14
DR7-20	LB 124+63.76 (42.9 LT) TO LB 122+75.35 (44.12 LT)					173					108	439					1, 5, 8, 14
DR7-21	LB 122+75.35 (44.12 LT) TO LB 122+39.29 (39.3 LT)						36				33	108					1, 5, 8, 14
DR7-22	LB 122+39.29 (39.3 LT) TO LB 122+03.81 (37.89 LT)						36				33	105					1, 5, 8, 14
DR7-23	LB 122+03.81 (37.89 LT) TO LB 121+71.23 (37.81 LT)						36				32	99					1, 5, 8, 14
DR7-24	LB 121+71.23 (37.81 LT) TO LB 122+17.97 (166.91 RT)						211				32	99					1, 5, 8, 14, 19
DR7-25	LB 121+31.77 (35.34 LT) TO LB 121+71.23 (37.81 LT)				36						97						1, 5, 8, 9, 14
DR7-26	LB 121+31.82 (39.09 LT) TO LB 121+32.03 (48.7 LT)	10															1, 9
DR7-27	LB 123+43.66 (100.53 LT) TO LB 123+96.57 (34.18 LT)																7
DR7-28	LB 123+28.78 (31.64 RT) TO LB 123+54.91 (26.48 RT)																7
DR7-29	LB 123+22.00 (32.47 RT) TO LB 123+38.69 (65.28 RT)																7
DR7-30	MSB 508+35.08 (56.43 RT) TO MSB 508+50.87 (33.9 LT)																
DR7-31	MSB 508+50.87 (33.9 LT) TO MSB 508+58.91 (74.81 LT)										42						1, 2, 6, 9, 14
DR7-32	MSB 508+59.94 (80.69 LT) TO MSB 512+99.19 (75.23 LT)										31						1, 9
DR7-33	MSB 512+99.19 (75.23 LT) TO MSB 513+20.43 (135.99 LT)																9, 19
DR7-34	MSB 516+48.08 (124.73 LT) TO LB 124+81.64 (223.3 RT)								1		9						9, 12
DR7-35	LB 124+81.64 (223.3 RT) TO MSB 517+28.35 (121.55 LT)										32						9
DR7-36	MSB 511+65.59 (48.21 RT) TO MSB 518+74.87 (35.38 RT)																
DR8-1	LB 111+91.04 (25.6 LT) TO LB 118+83.81 (134.08 LT)																
DR8-2	LB 111+84.47 (22.71 RT) TO LB 118+78.01 (94.39 RT)																
DR8-3	JL 800+59.42 (15.46 LT) TO JL 800+57.18 (26.79 RT)																
	SHEET TOTAL	10			36	293	319		1		594	1672					
	PROJECT TOTAL	638	1790	392	1127	743	1313	74	2		3775	8924	44	27	2	8	

GENERAL NOTES:

DESIGNED BY	DESIGNER					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	CAD OPERATOR					10	WASH	NH-0000(000)
CHECKED BY	TEAM LEAD					JOB NUMBER		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					CONTRACT NO.		
		DATE	DATE	REVISION	BY	SP1234		

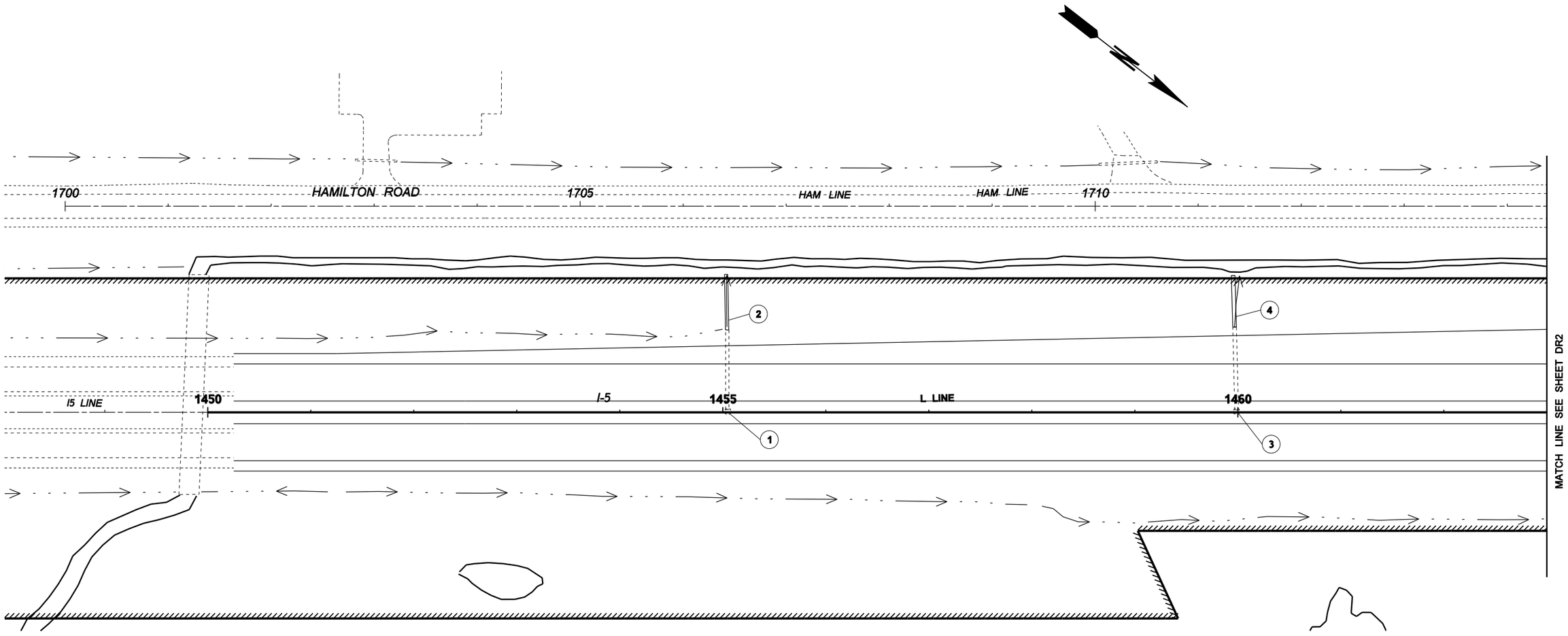
Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - DRAINAGE

NT 10

SHEET OF SHEETS



LEGEND

(1)	STRUCTURE NOTE CODE
(7 DR2)	STRUCTURE NOTE CODE CONTINUED
	STREAM EDGE
	EXISTING DITCH BOTTOM
	EXISTING CATCH BASIN
	EXISTING CULVERT
	DITCH BOTTOM
ST ST	STORM SEWER LINE
	BOX CULVERT
	CULVERT
	CATCH BASIN
	GRATE INLET
	MANHOLE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:37:44 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

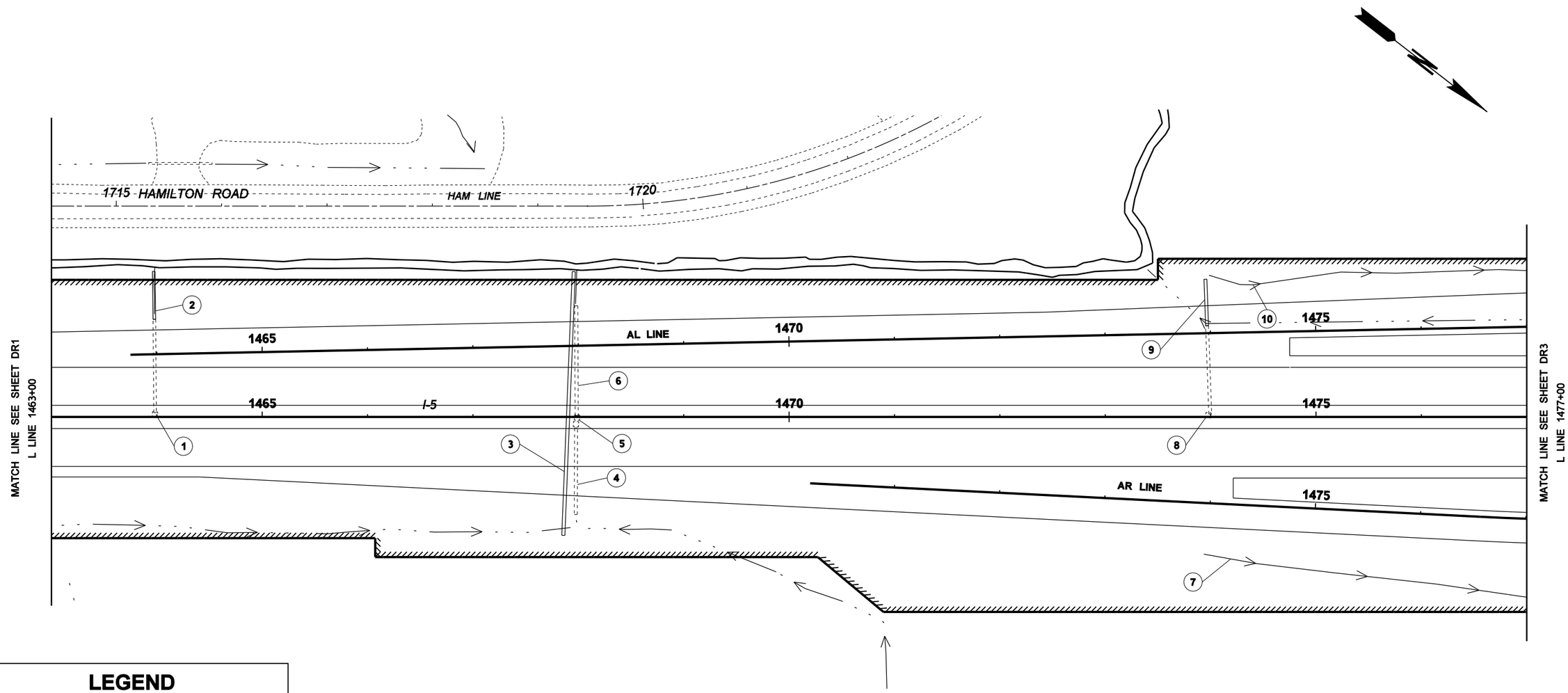
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

Drainage Plan

Plot 1

PLAN REF NO DR1

SHEET OF SHEETS



LEGEND

1	STRUCTURE NOTE CODE
7 DR2	STRUCTURE NOTE CODE CONTINUED
	STREAM EDGE
	EXISTING DITCH BOTTOM
	EXISTING CATCH BASIN
	EXISTING CULVERT
	DITCH BOTTOM
ST ST	STORM SEWER LINE
	BOX CULVERT
	CULVERT
	CATCH BASIN
	GRATE INLET
	MANHOLE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn						
TIME	10:37:46 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

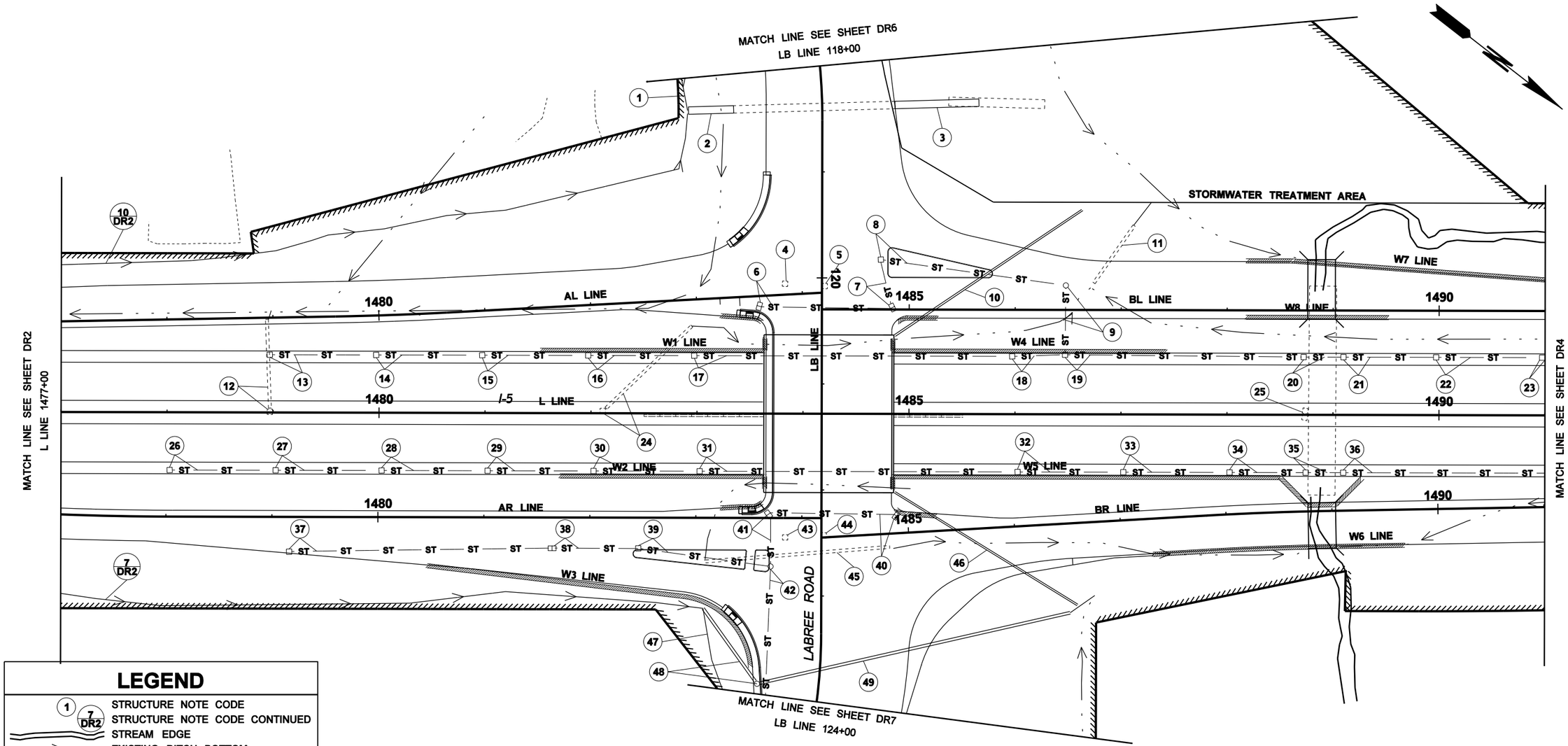
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

Drainage Plan

Plot 2

PLAN REF NO DR2

SHEET OF SHEETS



LEGEND

- 1 — STRUCTURE NOTE CODE
- 7 DR2 — STRUCTURE NOTE CODE CONTINUED
- STREAM EDGE
- EXISTING DITCH BOTTOM
- EXISTING CATCH BASIN
- EXISTING CULVERT
- DITCH BOTTOM
- ST — ST — STORM SEWER LINE
- BOX CULVERT
- CULVERT
- CATCH BASIN
- GRATE INLET
- MANHOLE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:37:47 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

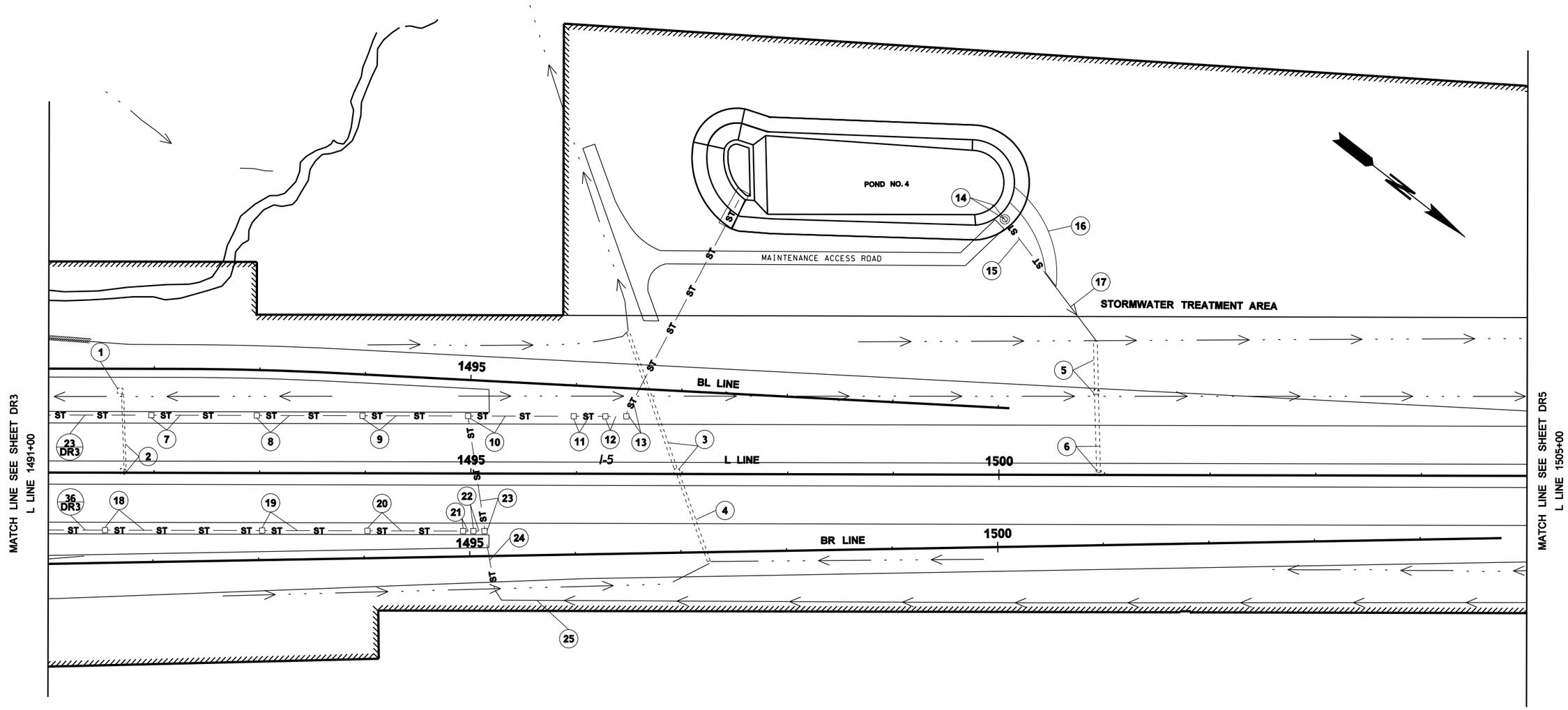
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

Drainage Plan

Plot 3

PLAN REF NO DR3

SHEET OF SHEETS



LEGEND

1	STRUCTURE NOTE CODE
7 DR2	STRUCTURE NOTE CODE CONTINUED
	STREAM EDGE
	EXISTING DITCH BOTTOM
	EXISTING CATCH BASIN
	EXISTING CULVERT
	DITCH BOTTOM
ST ST	STORM SEWER LINE
	BOX CULVERT
	CULVERT
	CATCH BASIN
	GRATE INLET
	MANHOLE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE
TIME	10:37:49 AM								
DATE	11/23/2009								
PLOTTED BY	kerrt				JOB NUMBER 00Z000				
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

Drainage Plan

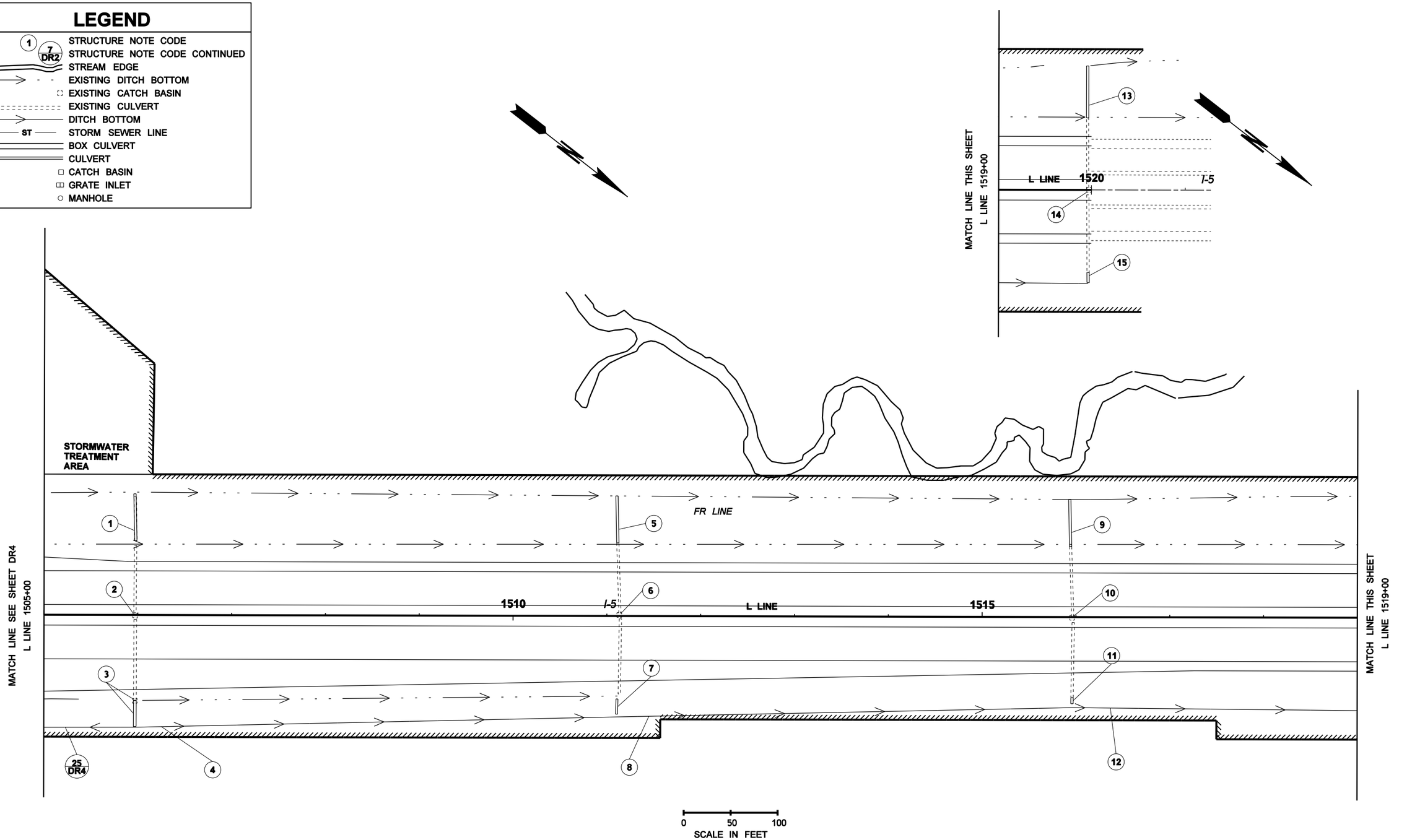
Plot 4

PLAN REF NO DR4

SHEET OF SHEETS

LEGEND

- 1 — STRUCTURE NOTE CODE
- 7 DR2 — STRUCTURE NOTE CODE CONTINUED
- STREAM EDGE
- EXISTING DITCH BOTTOM
- EXISTING CATCH BASIN
- EXISTING CULVERT
- DITCH BOTTOM
- ST — ST — STORM SEWER LINE
- BOX CULVERT
- CULVERT
- CATCH BASIN
- GRATE INLET
- MANHOLE



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT
TIME	10:37:50 AM								
DATE	11/23/2009								
PLOTTED BY	kerrt				JOB NUMBER 00Z000				
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		Drainage Plan
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

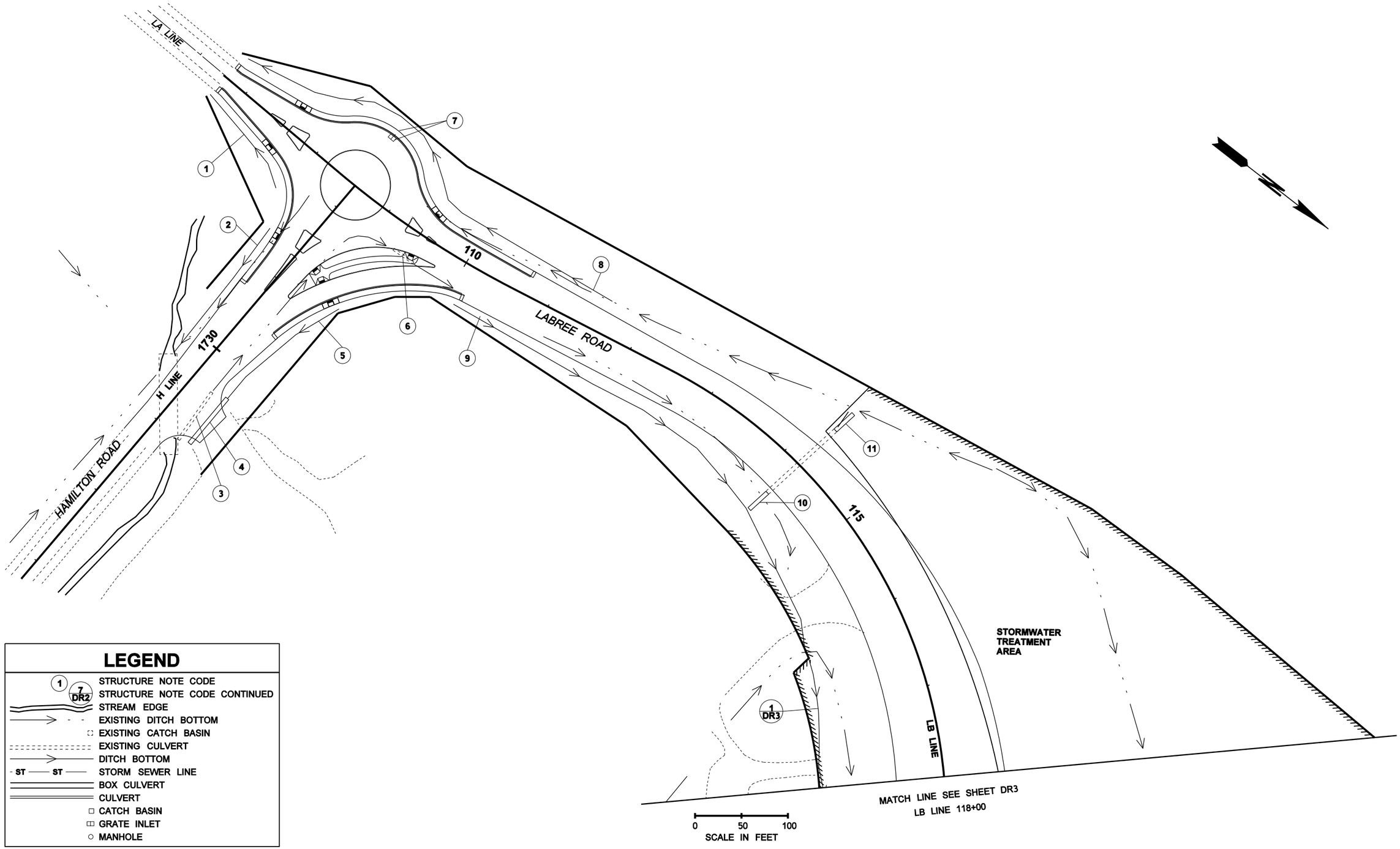
P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Plot 5

PLAN REF NO DR5

SHEET OF SHEETS



LEGEND

1	STRUCTURE NOTE CODE
7 DR2	STRUCTURE NOTE CODE CONTINUED
	STREAM EDGE
	EXISTING DITCH BOTTOM
	EXISTING CATCH BASIN
	EXISTING CULVERT
	DITCH BOTTOM
ST ST	STORM SEWER LINE
	BOX CULVERT
	CULVERT
	CATCH BASIN
	GRATE INLET
	MANHOLE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn			
TIME	10:37:52 AM			
DATE	11/23/2009			
PLOTTED BY	kerrt			
DESIGNED BY	DESIGNER			
ENTERED BY	CAD OPERATOR			
CHECKED BY	TEAM LEAD			
PROJ. ENGR.	PROJECT ENGINEER			
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

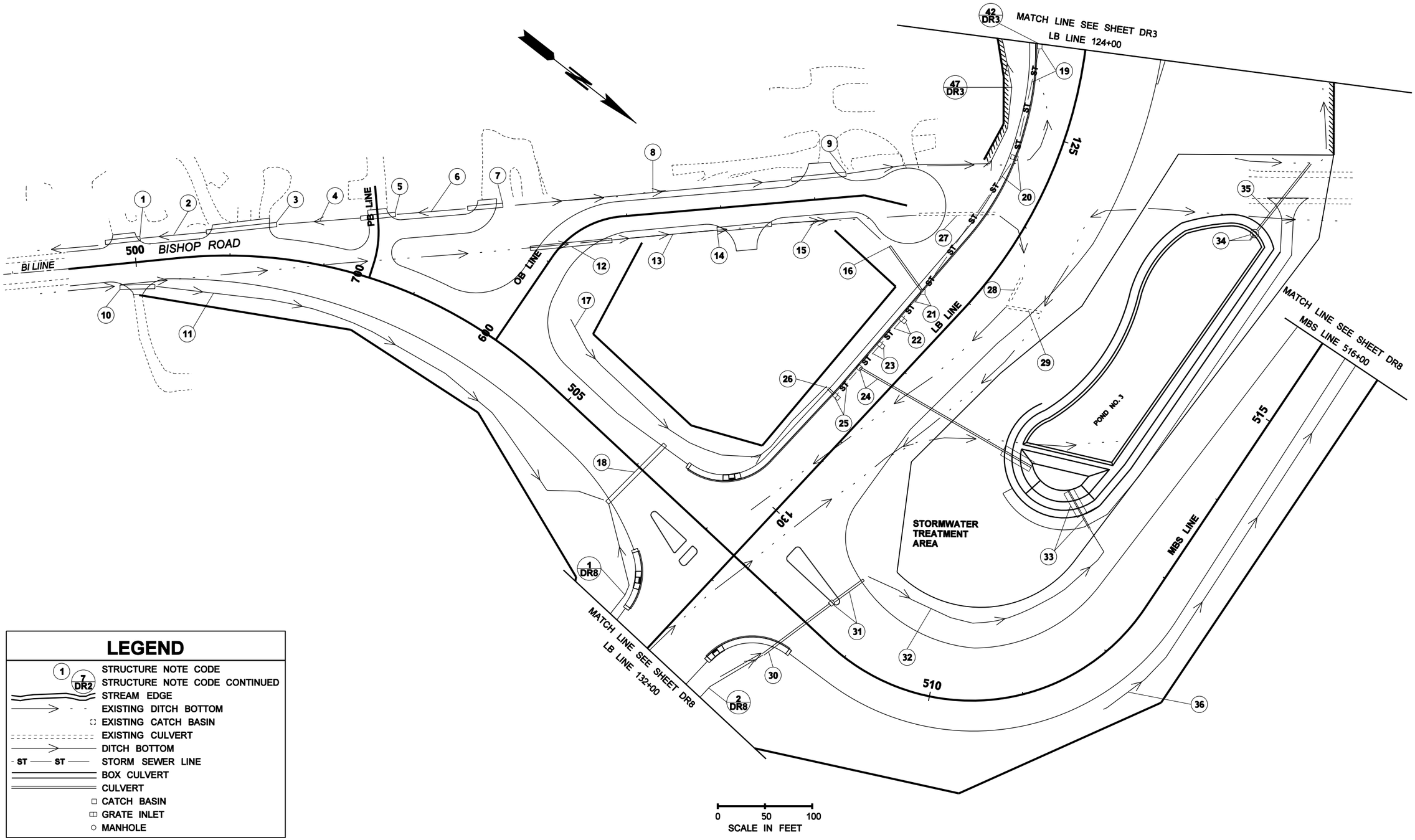
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

Drainage Plan

Plot 6

PLAN REF NO DR6

SHEET OF SHEETS



LEGEND

- 1 — STRUCTURE NOTE CODE
- 7 DR2 — STRUCTURE NOTE CODE CONTINUED
- STREAM EDGE
- EXISTING DITCH BOTTOM
- EXISTING CATCH BASIN
- EXISTING CULVERT
- DITCH BOTTOM
- ST — ST — STORM SEWER LINE
- BOX CULVERT
- CULVERT
- CATCH BASIN
- GRATE INLET
- MANHOLE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn						
TIME	10:37:53 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

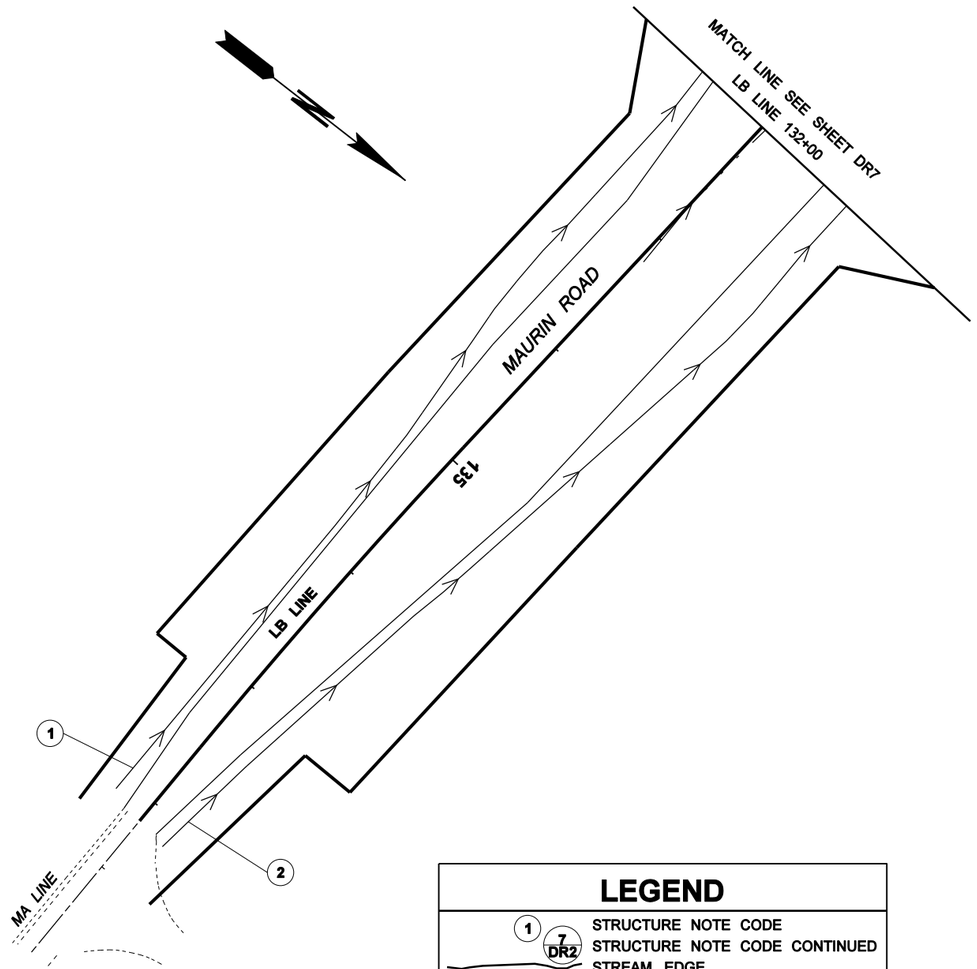
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

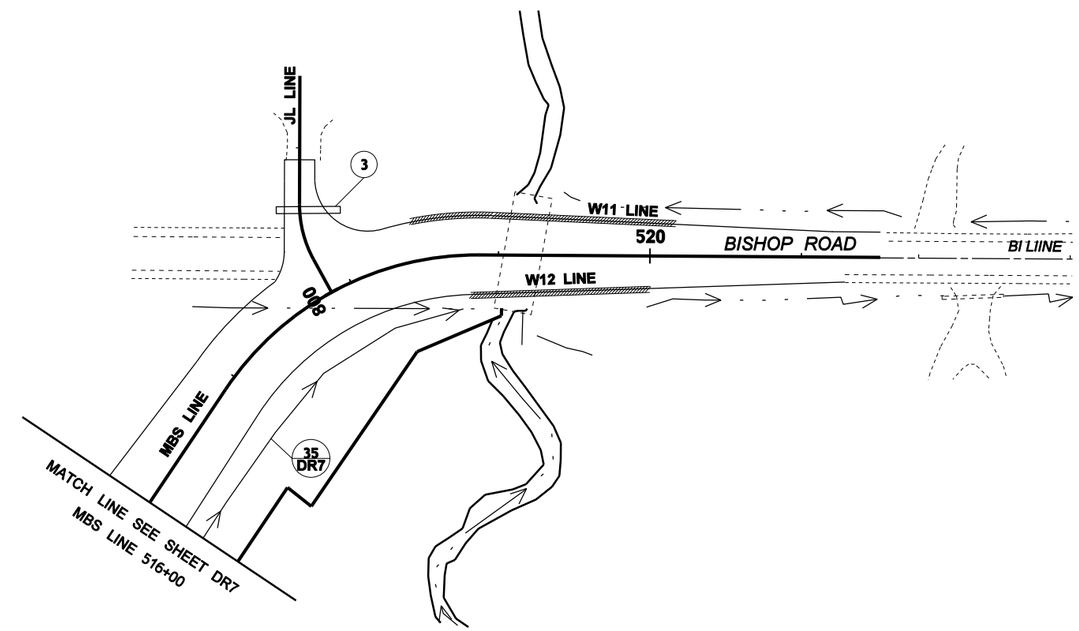
Drainage Plan

Plot 7

PLAN REF NO DR7

SHEET OF SHEETS





LEGEND

1	STRUCTURE NOTE CODE
7 DR2	STRUCTURE NOTE CODE CONTINUED
	STREAM EDGE
	EXISTING DITCH BOTTOM
	EXISTING CATCH BASIN
	EXISTING CULVERT
	DITCH BOTTOM
ST ST	STORM SEWER LINE
	BOX CULVERT
	CULVERT
	CATCH BASIN
	GRATE INLET
	MANHOLE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_DR.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:37:55 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

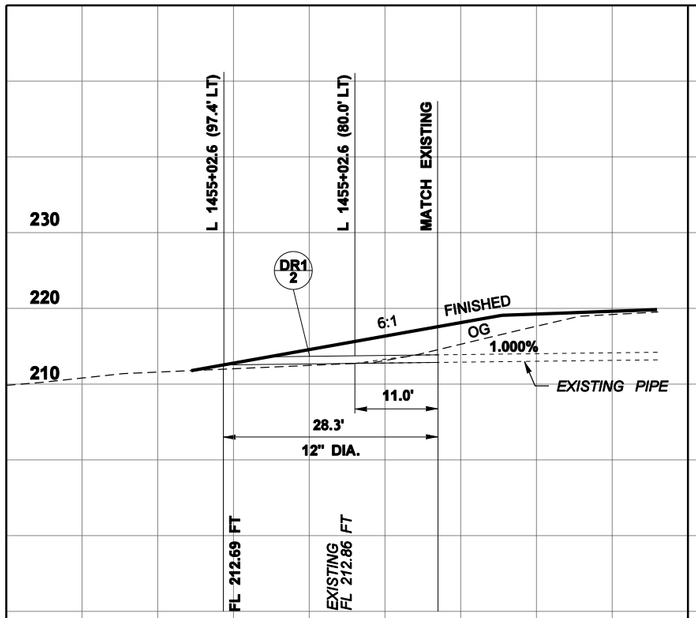
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

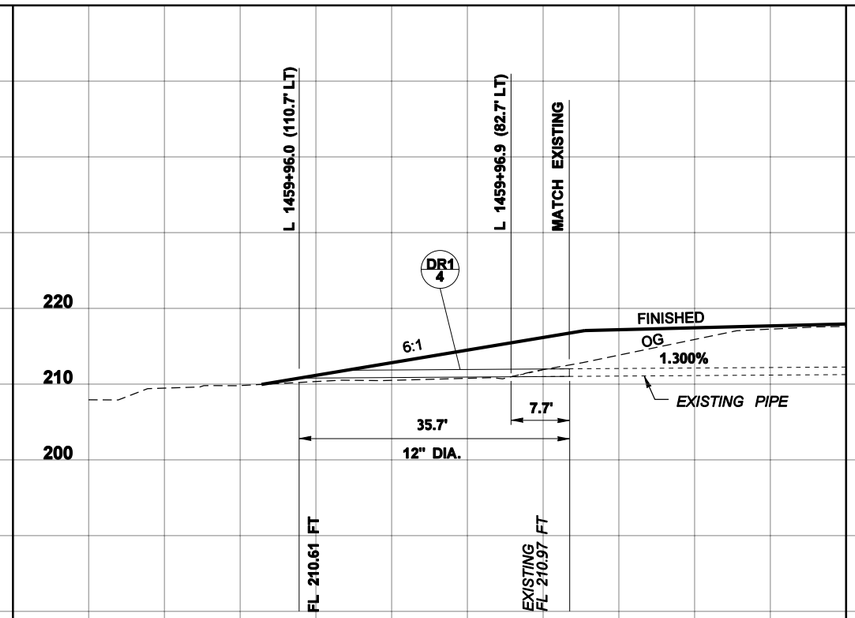
Drainage Plan

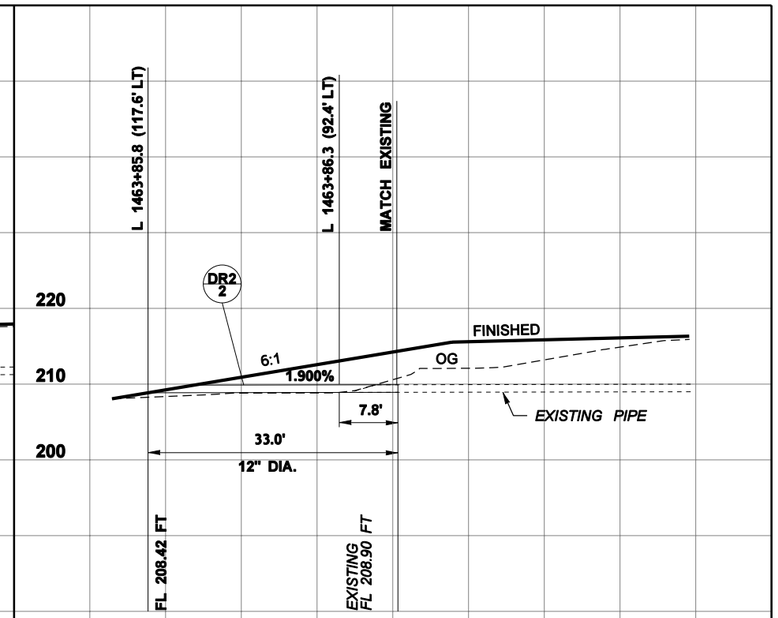
Plot 8

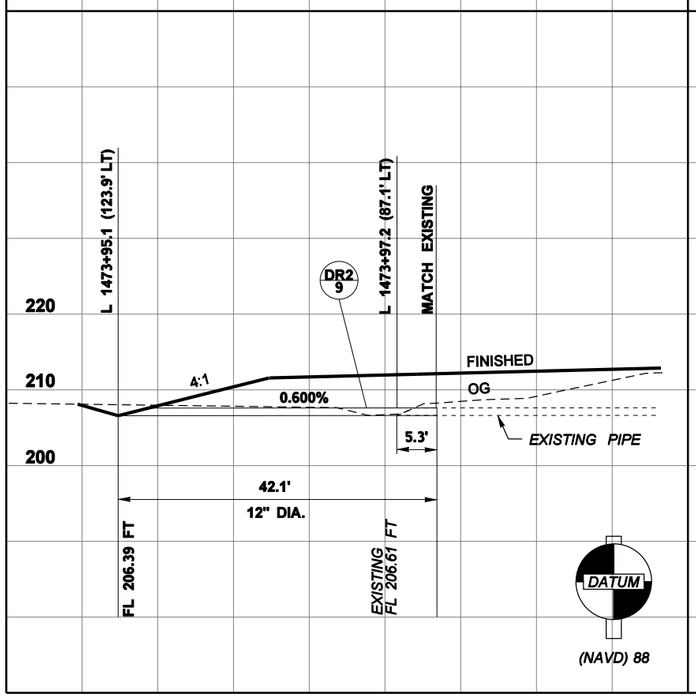
PLAN REF NO DR8

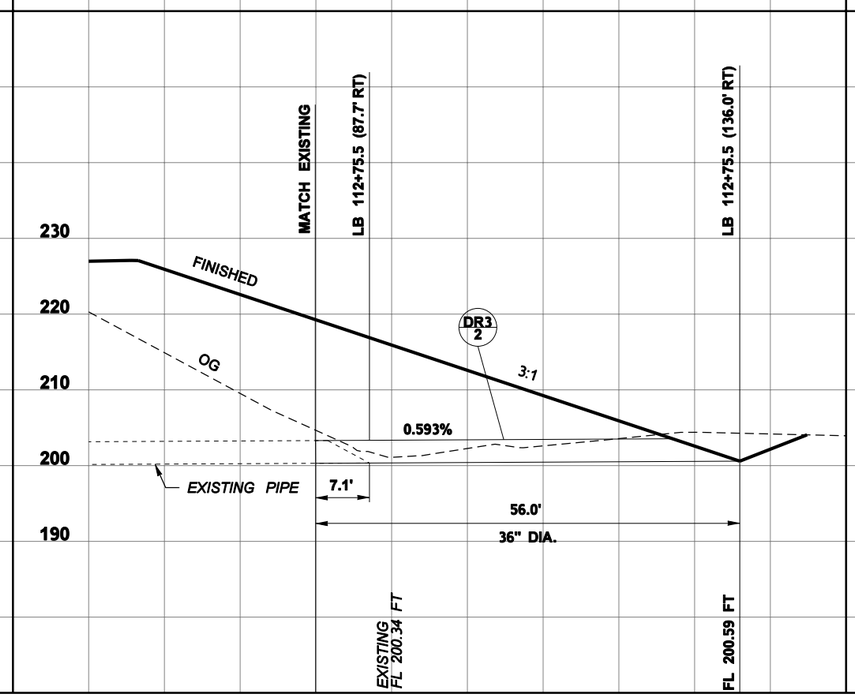
SHEET OF SHEETS

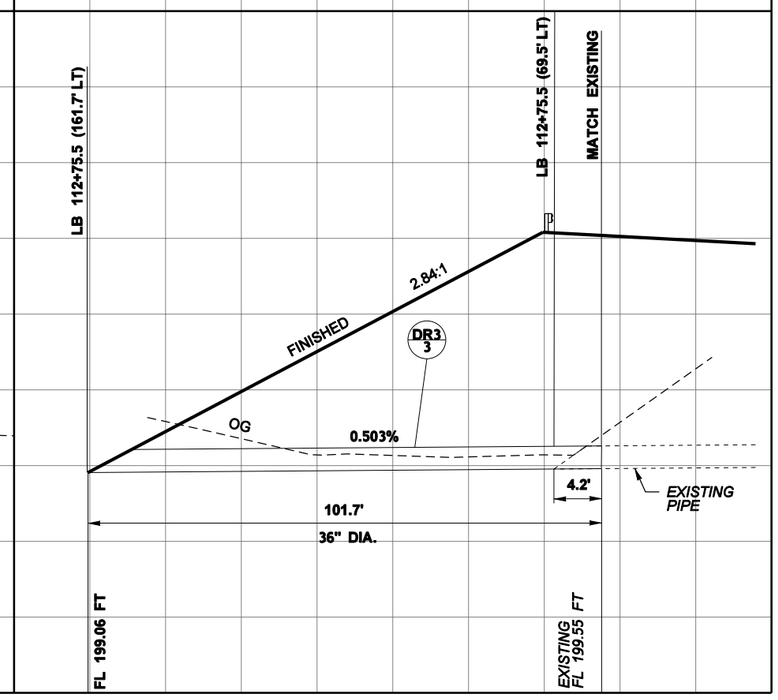












FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:15 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

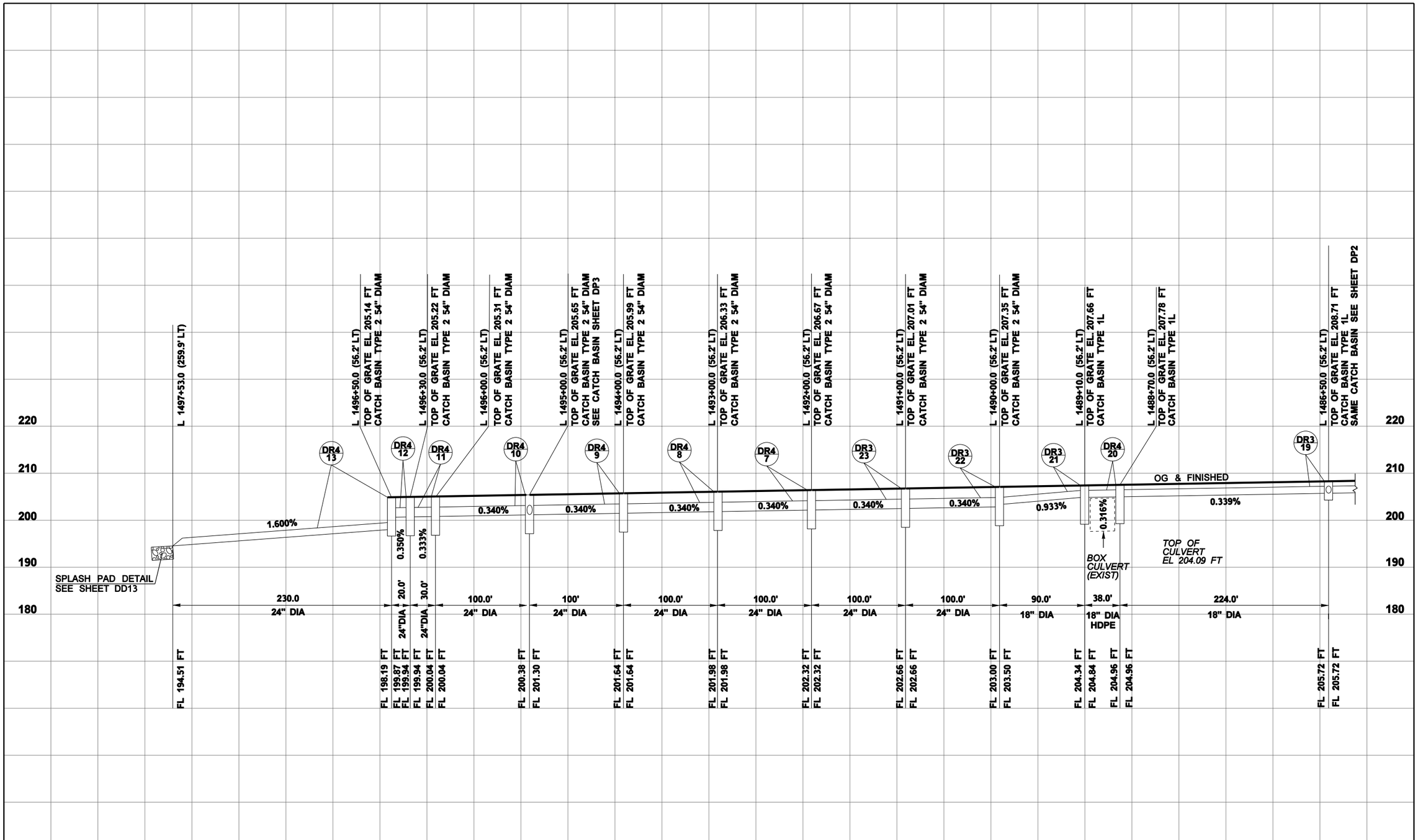
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

DRAINAGE PROFILE

Plot 1

PLAN REF. NO. DP1

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT
TIME	10:40:16 AM								
DATE	11/23/2009				JOB NUMBER 00Z000				
PLOTTED BY	kerrt								
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234		DRAINAGE PROFILE
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD								
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

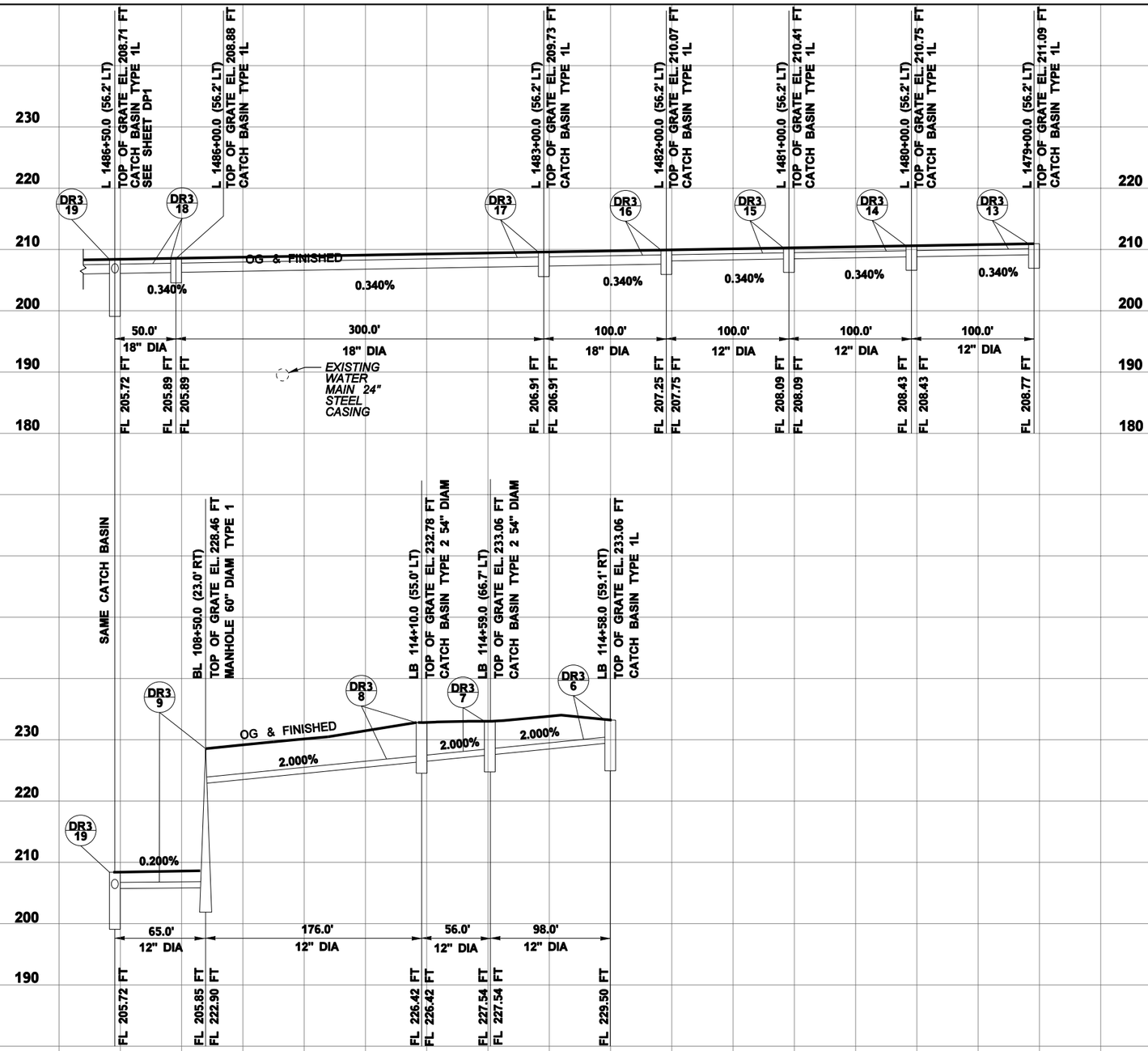
P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Plot 2

PLAN REF. NO. DP2

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn						
TIME	10:40:18 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER				JOB NUMBER 00Z000		
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

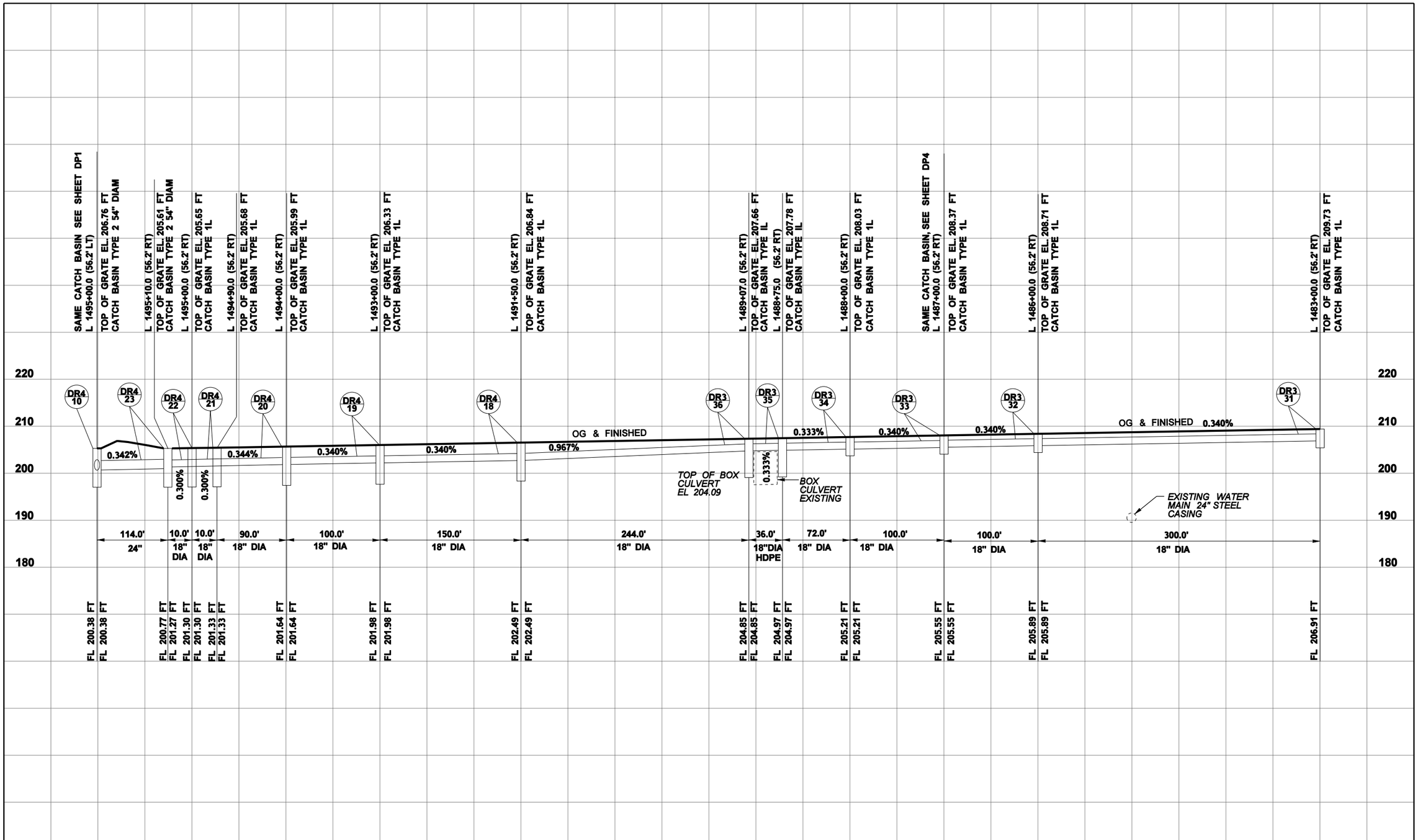
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

DRAINAGE PROFILE

Plot 3

PLAN REF. NO. DP3

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT
TIME	10:40:20 AM				JOB NUMBER 00Z000				
DATE	11/23/2009								
PLOTTED BY	kerrt								
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234		DRAINAGE PROFILE
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD								
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

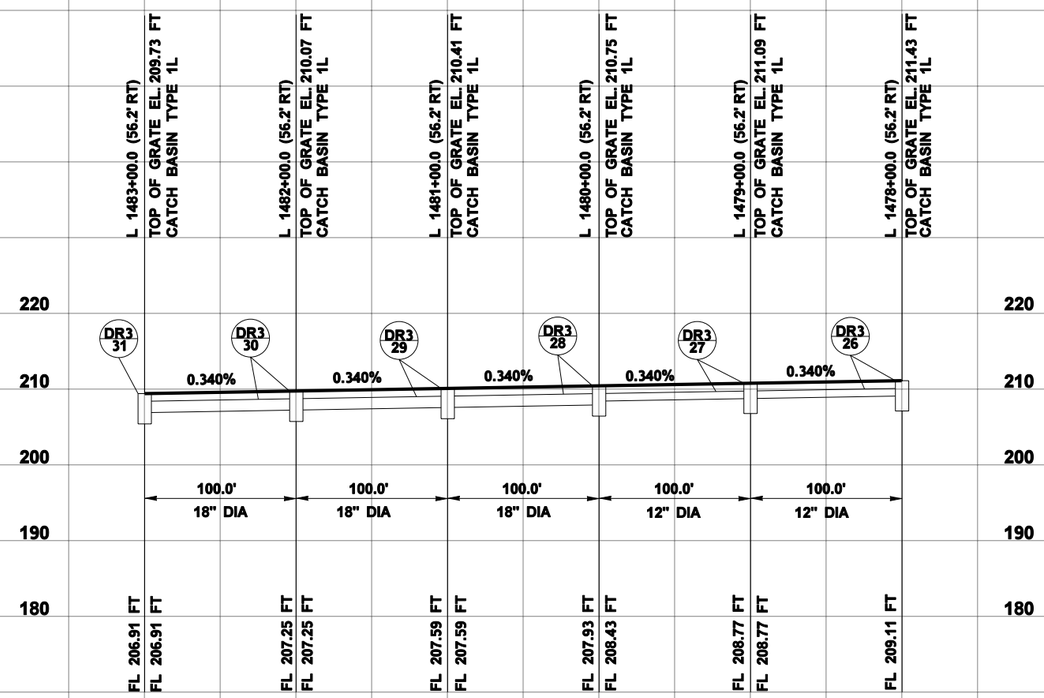
P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Plot 4

PLAN REF. NO. DP4

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:22 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

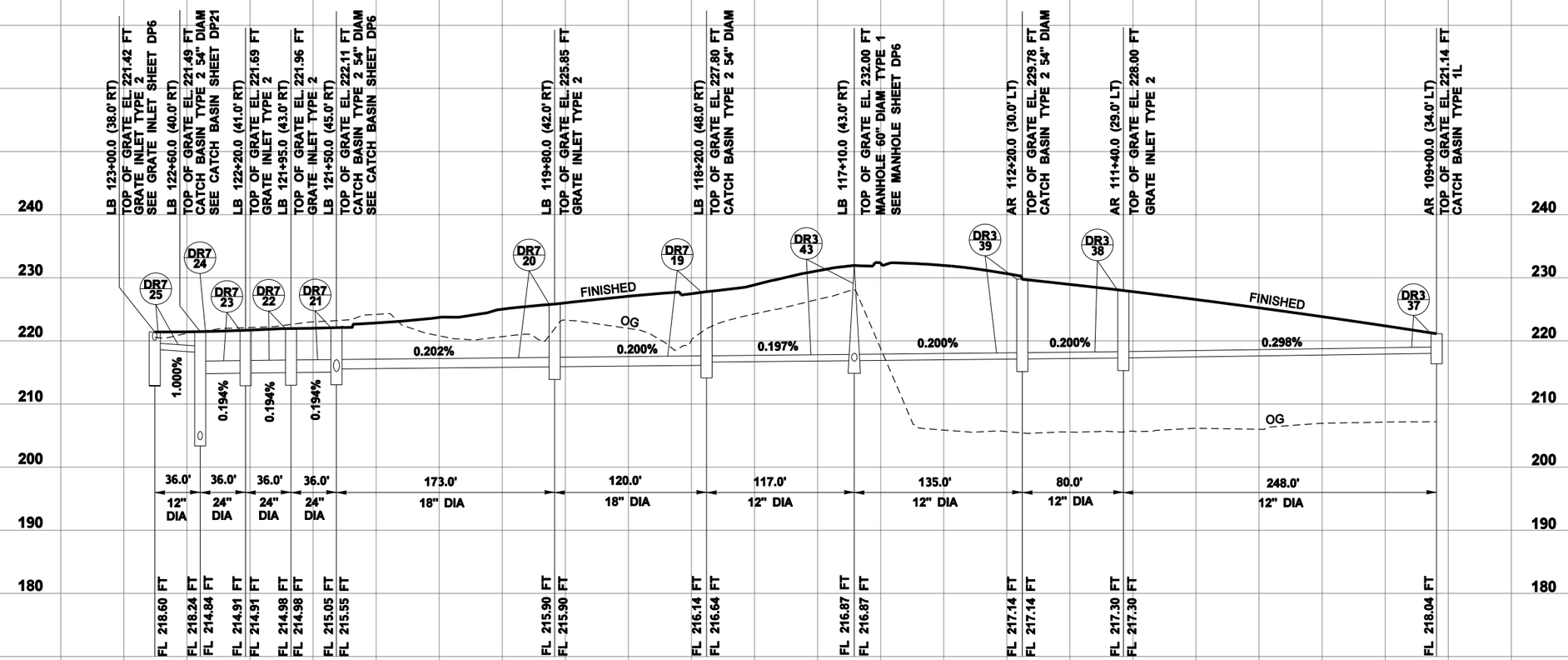
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

DRAINAGE PROFILE

Plot 5

PLAN REF. NO. DP5

SHEET OF SHEETS

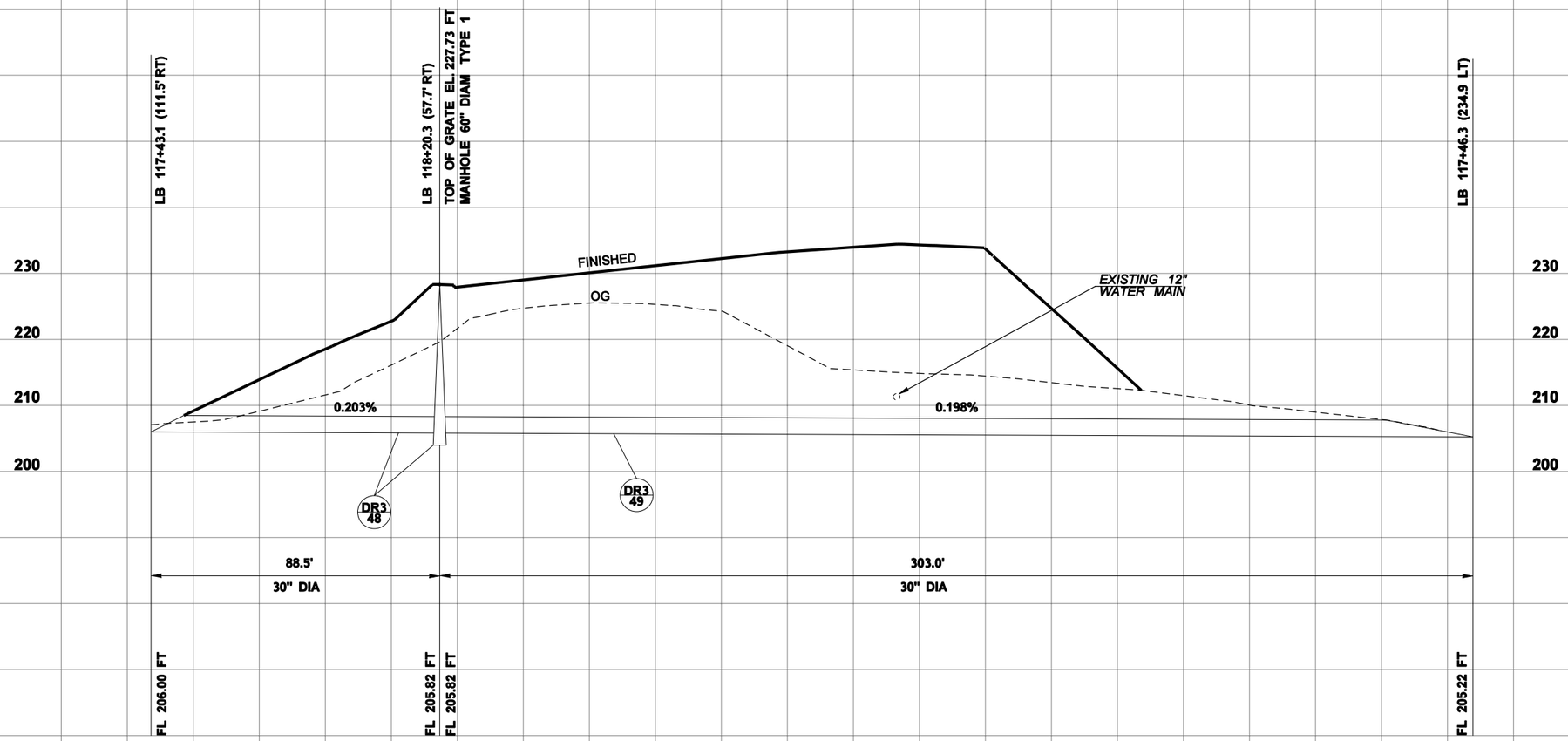


FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE
TIME	10:40:23 AM				JOB NUMBER 00Z000				Washington State Department of Transportation
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234		I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT
PLOTTED BY	kerrt								DRAINAGE PROFILE
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD								
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

Plot 6

PLAN REF. NO. DP6

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:24 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

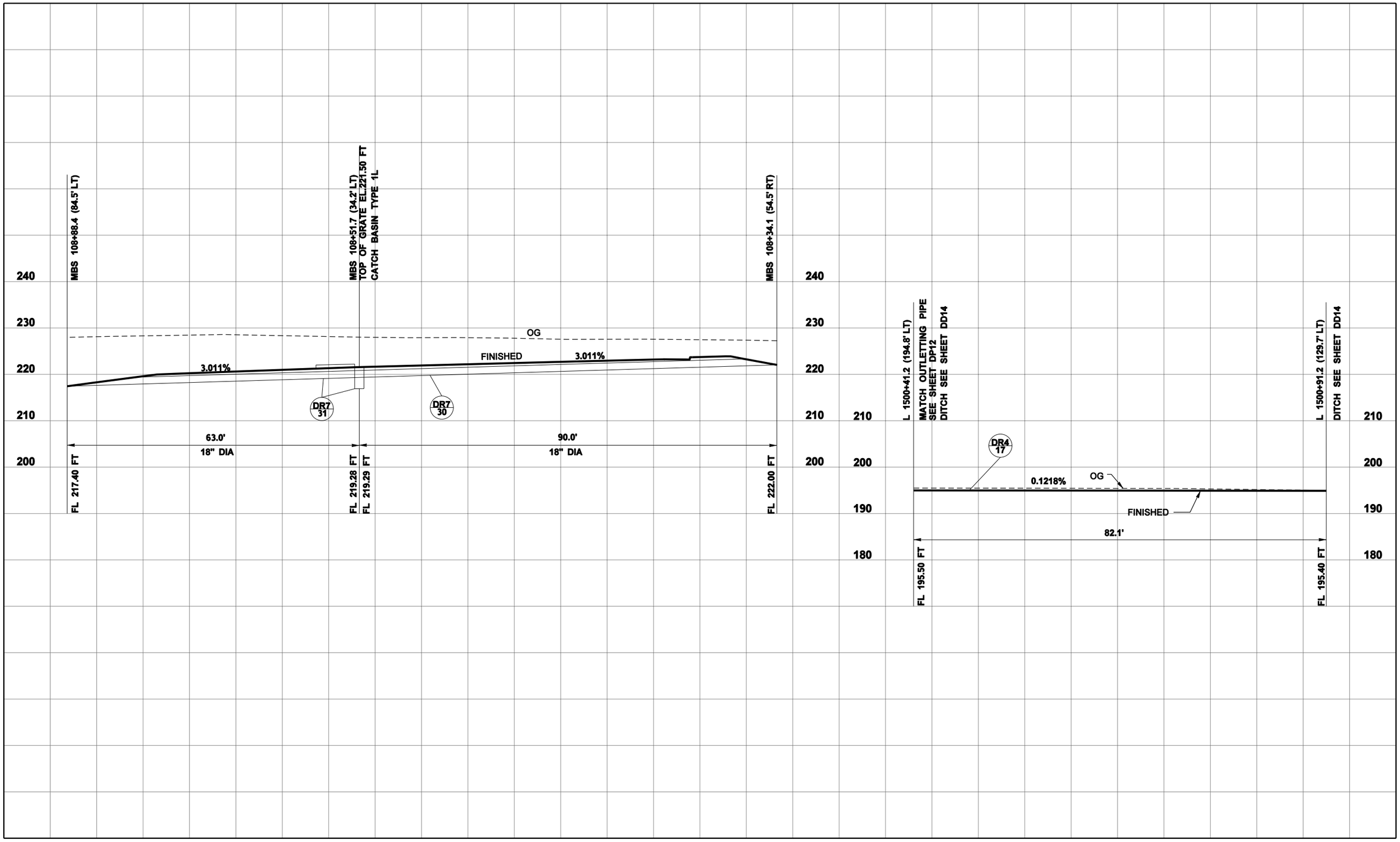
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

DRAINAGE PROFILE

Plot 7

PLAN REF. NO. DP7

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:25 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

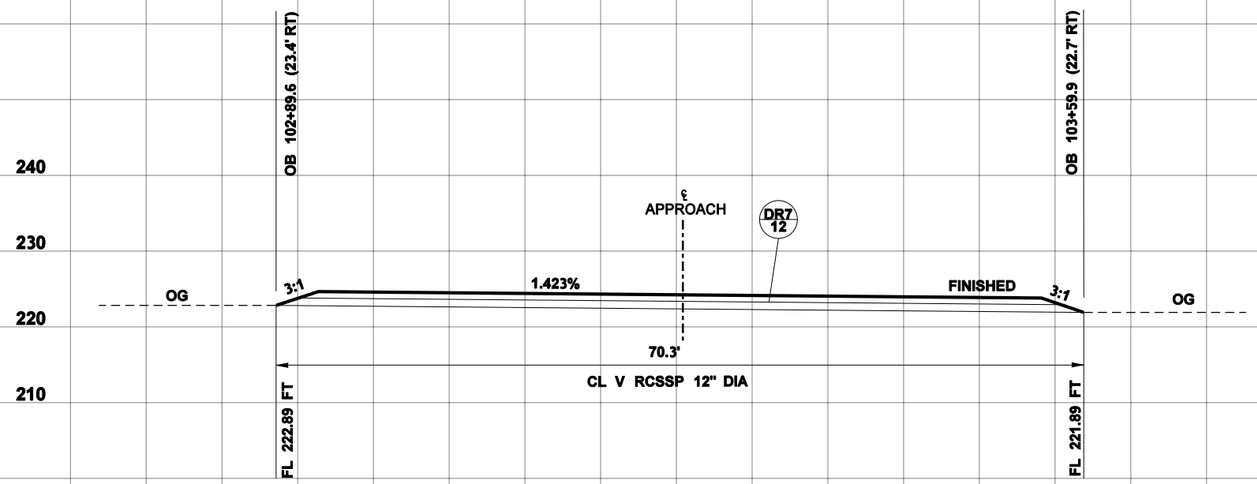
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

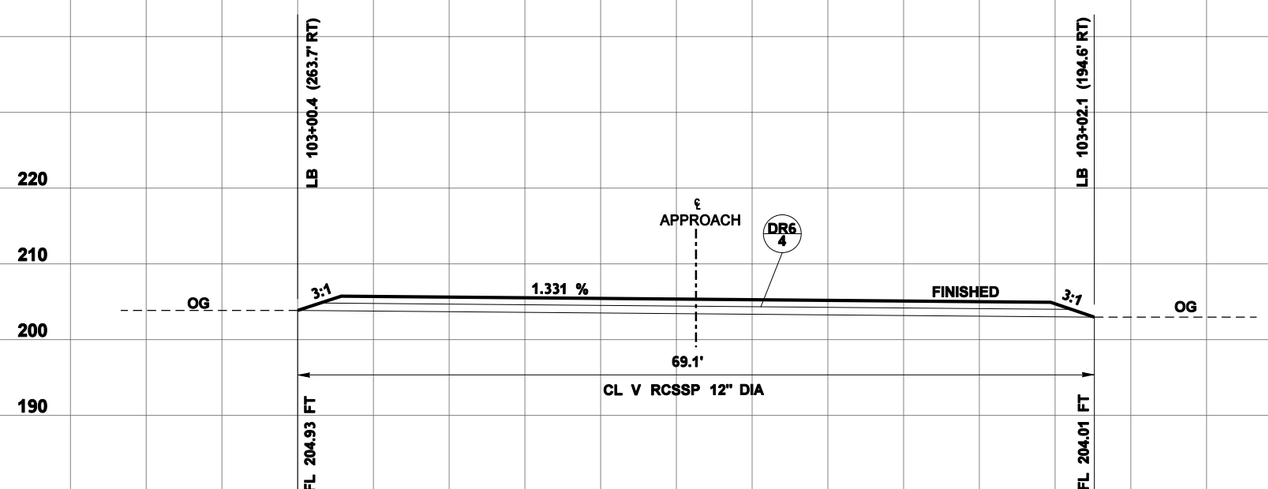
DRAINAGE PROFILE

Plot 8

PLAN REF. NO. DP8

SHEET OF SHEETS





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:26 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

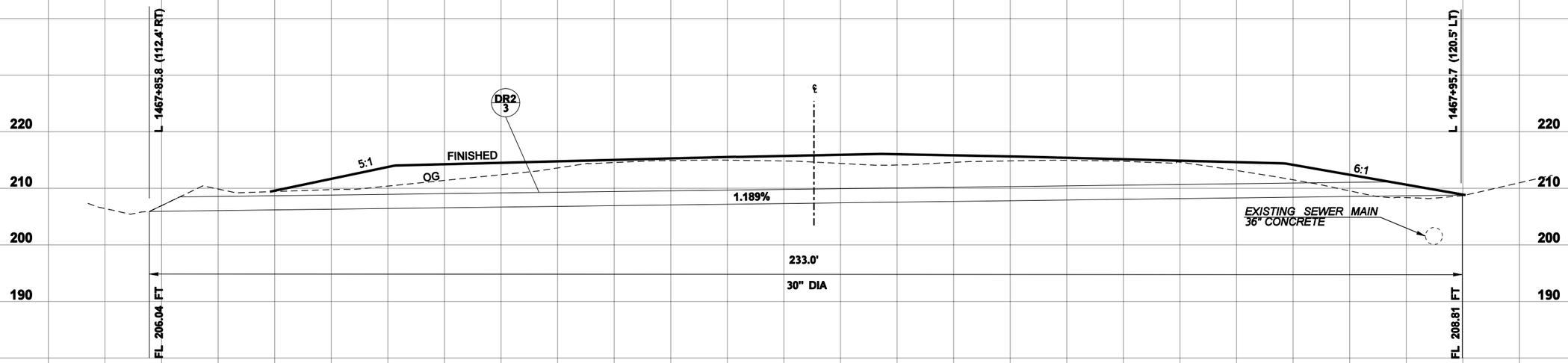
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

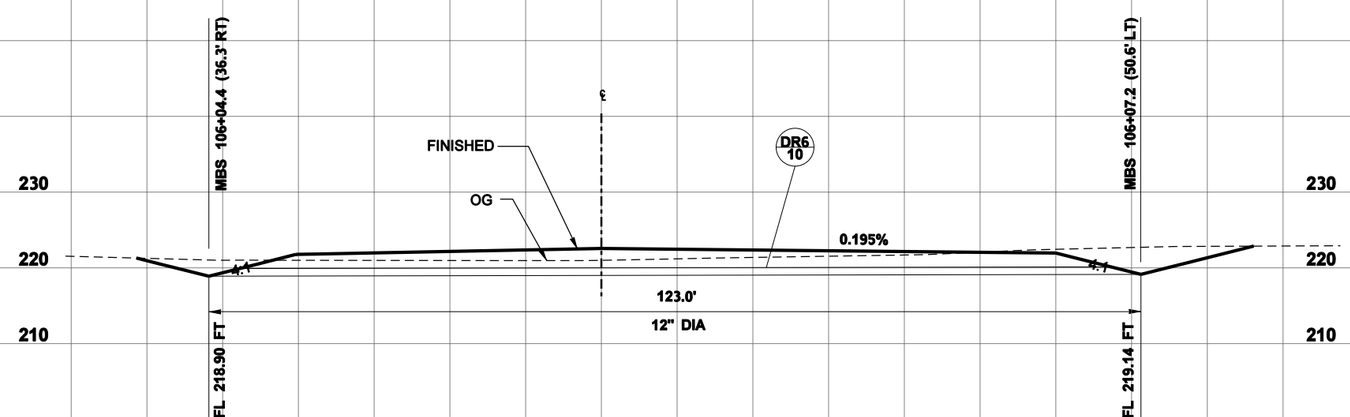
DRAINAGE PROFILE

Plot 9

PLAN REF. NO. DP9

SHEET OF SHEETS





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn			
TIME	10:40:26 AM			
DATE	11/23/2009			
PLOTTED BY	kerrt			
DESIGNED BY	DESIGNER			
ENTERED BY	CAD OPERATOR			
CHECKED BY	TEAM LEAD			
PROJ. ENGR.	PROJECT ENGINEER			
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

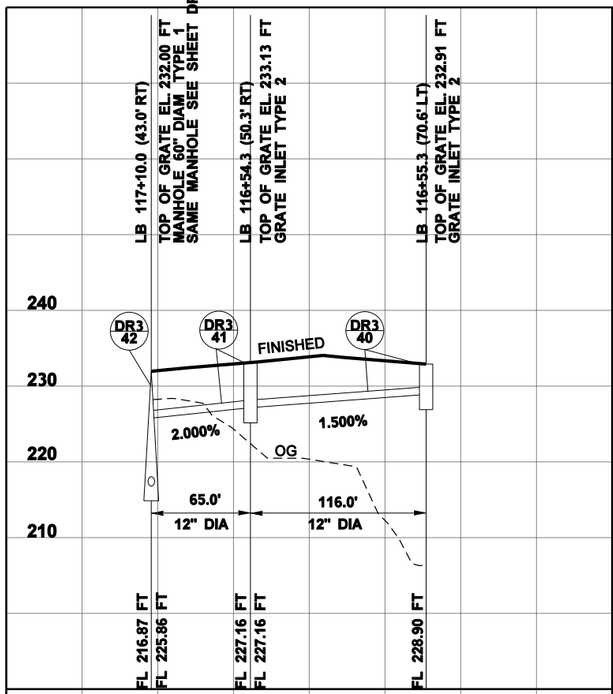
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

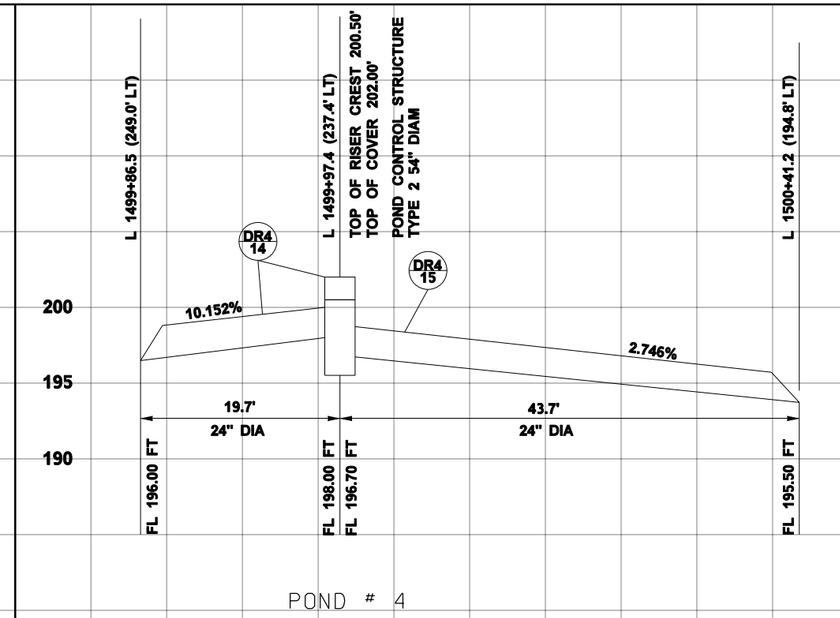
DRAINAGE PROFILE

Plot 10

PLAN REF. NO. DP10

SHEET OF SHEETS

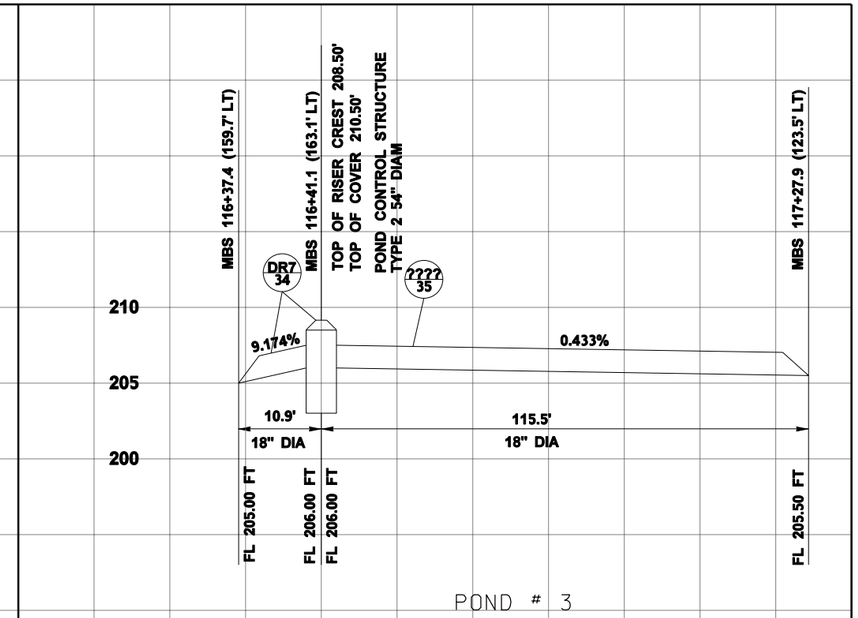




POND # 4

NOTES:

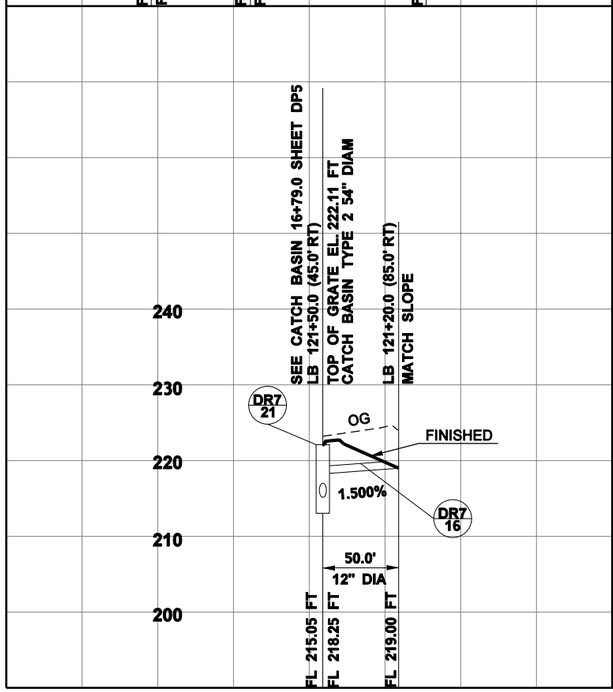
1. RISER CREST ELEVATION IS THE SAME AS SPILLWAY SEE DD2

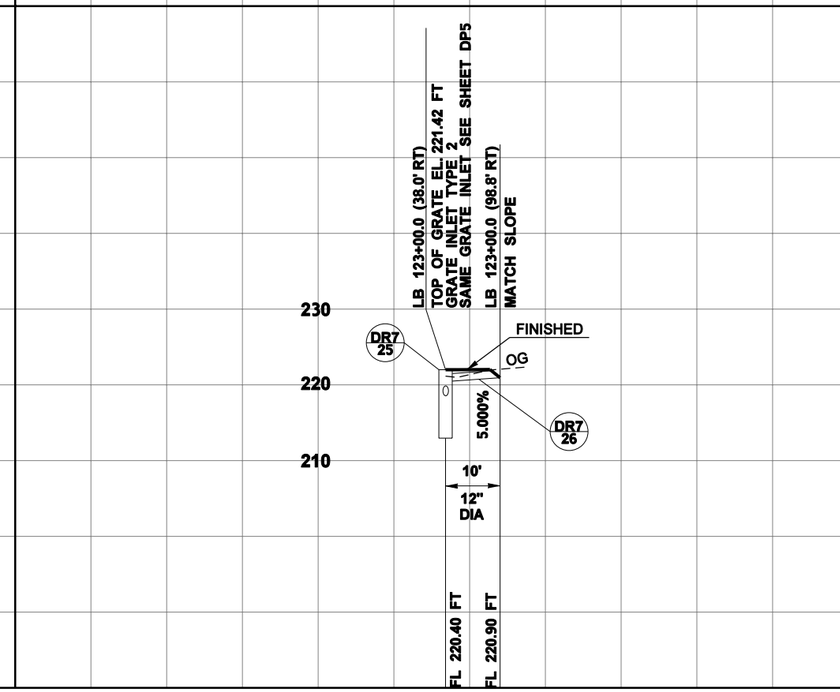


POND # 3

NOTES:

1. RISER CREST ELEVATION IS THE SAME AS SPILLWAY SEE DD1





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:27 AM						
DATE	11/23/2009				JOB NUMBER 00Z000		
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER				CONTRACT NO.	LOCATION NO. SP1234	
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

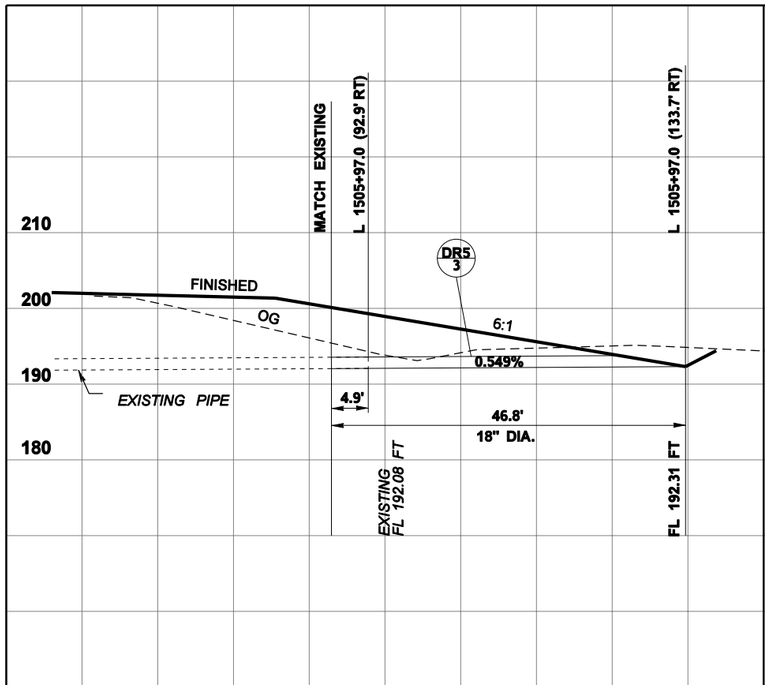
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

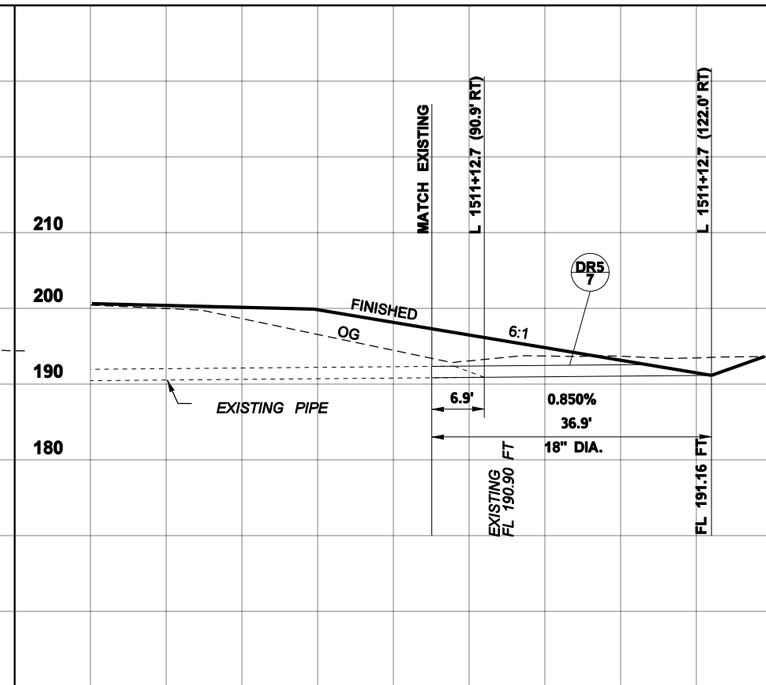
DRAINAGE PROFILE

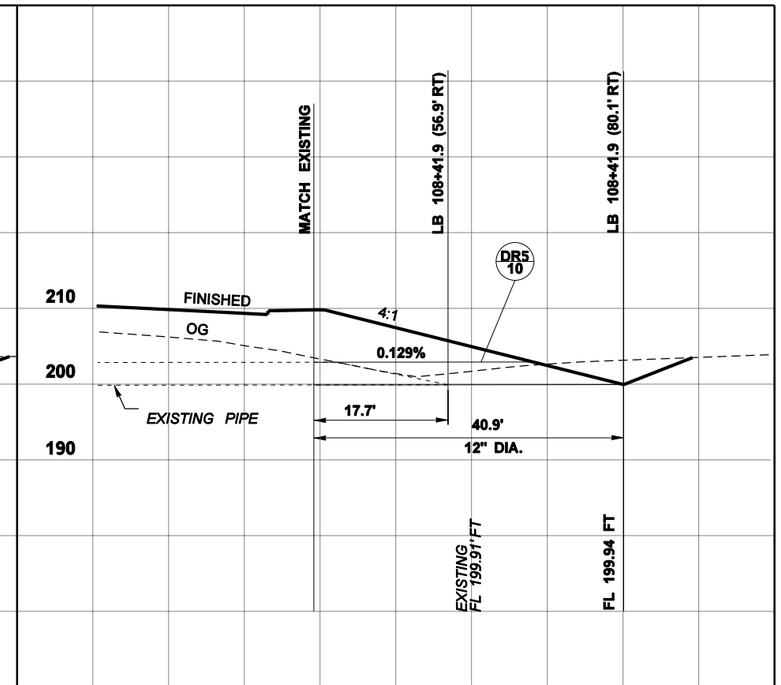
Plot 11

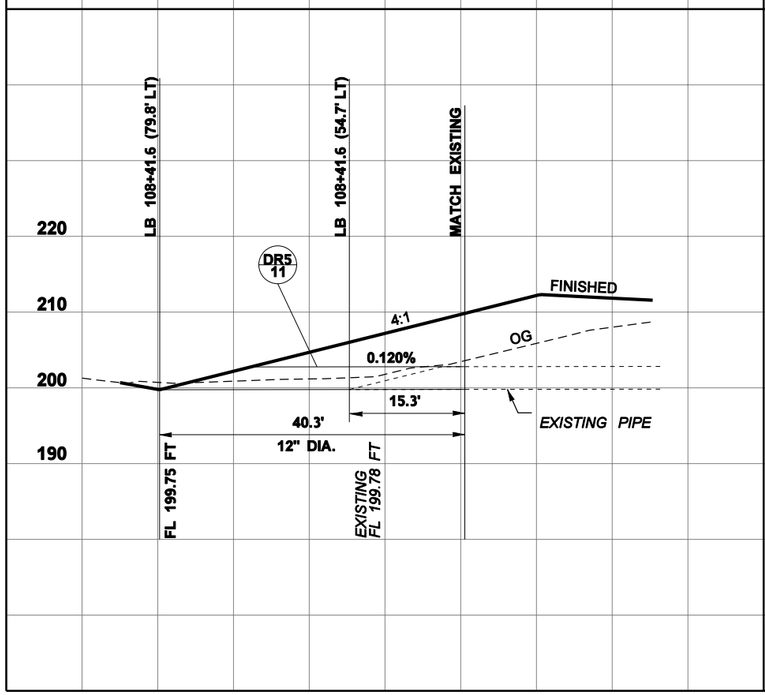
PLAN REF. NO. DP11

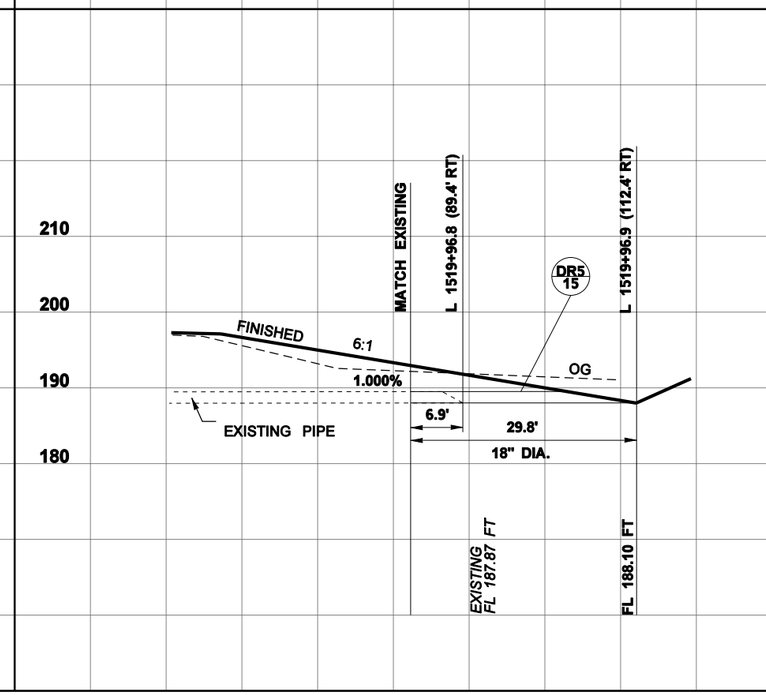
SHEET OF SHEETS

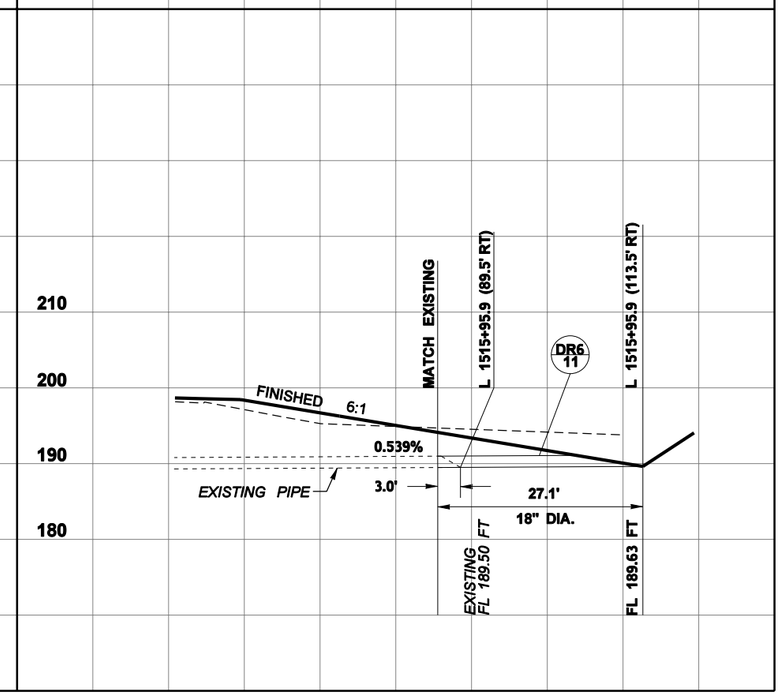












FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:29 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

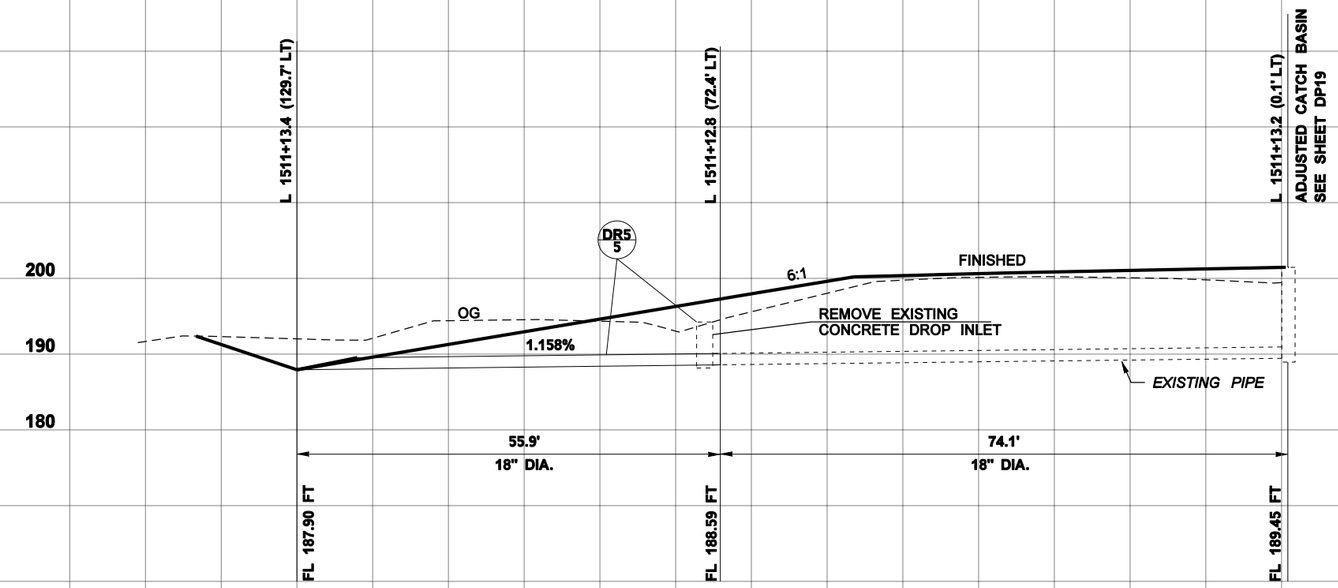
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

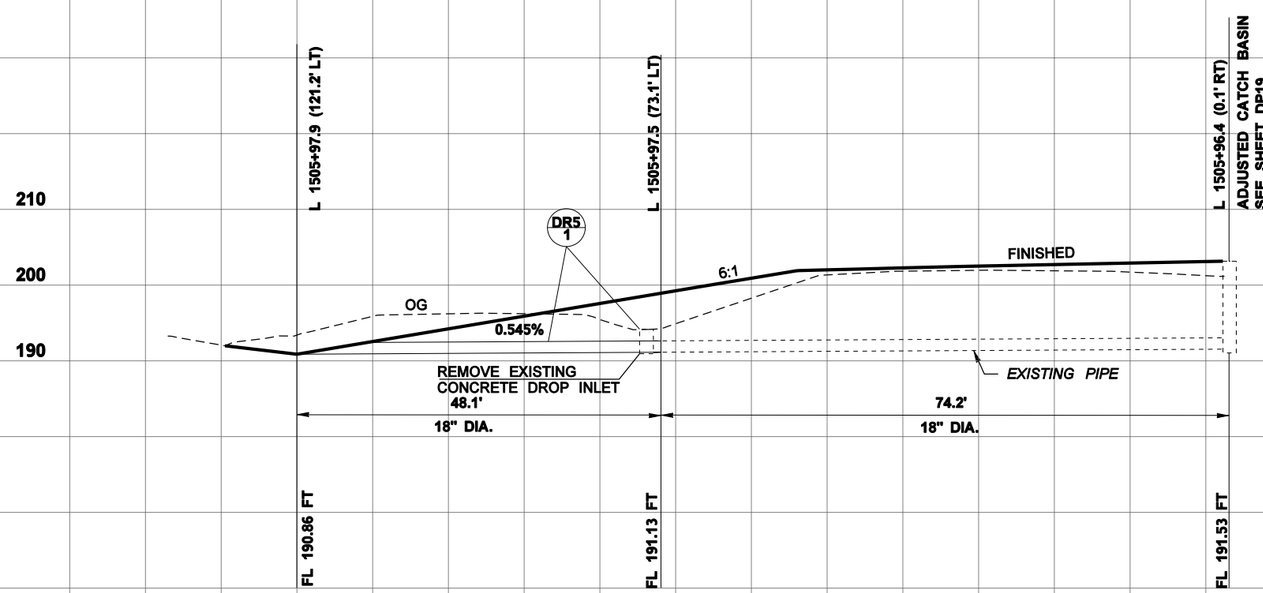
DRAINAGE PROFILE

Plot 12

PLAN REF. NO. DP12

SHEET OF SHEETS





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn						
TIME	10:40:30 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.	LOCATION NO. SP1234	
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

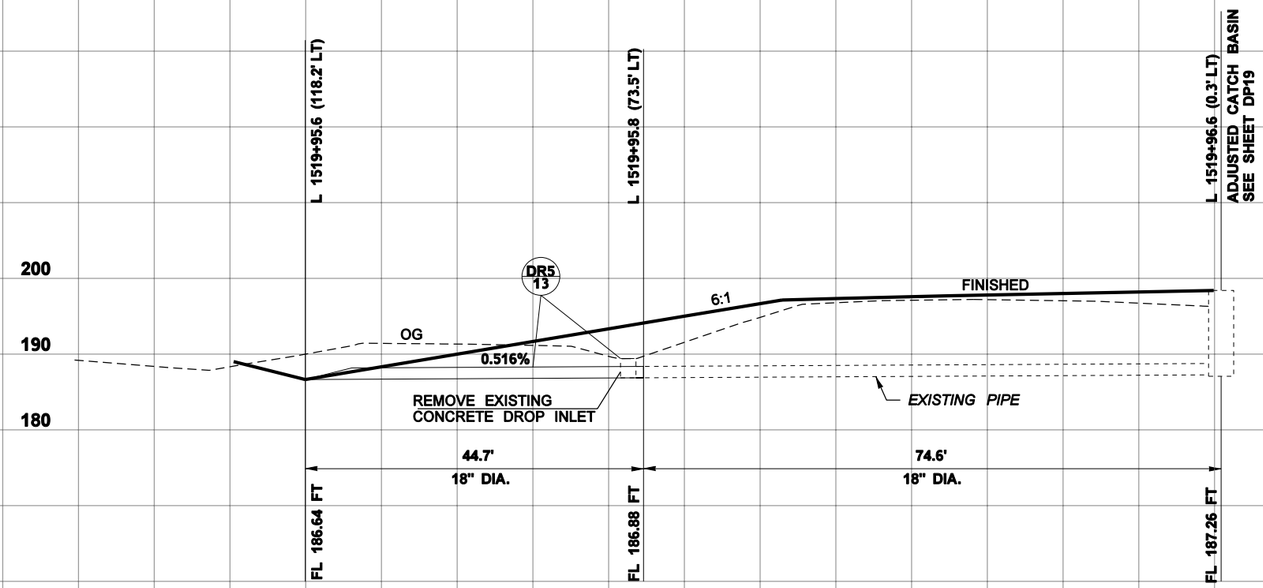
I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

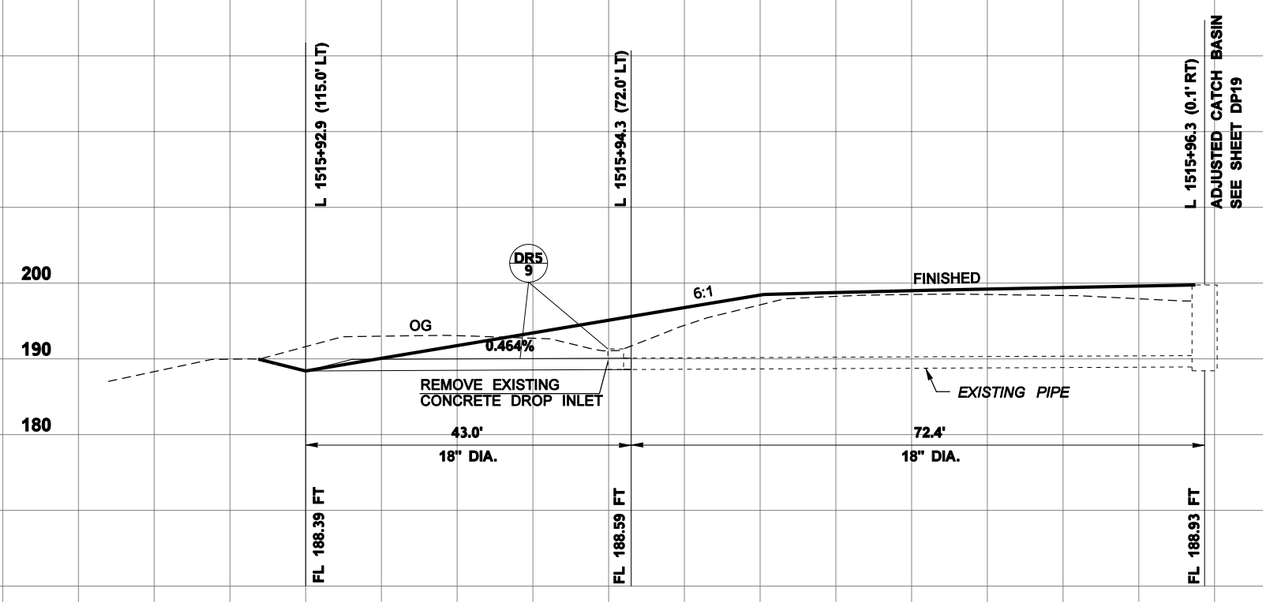
DRAINAGE PROFILE

Plot 13

PLAN REF. NO. DP13

SHEET OF SHEETS





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:31 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

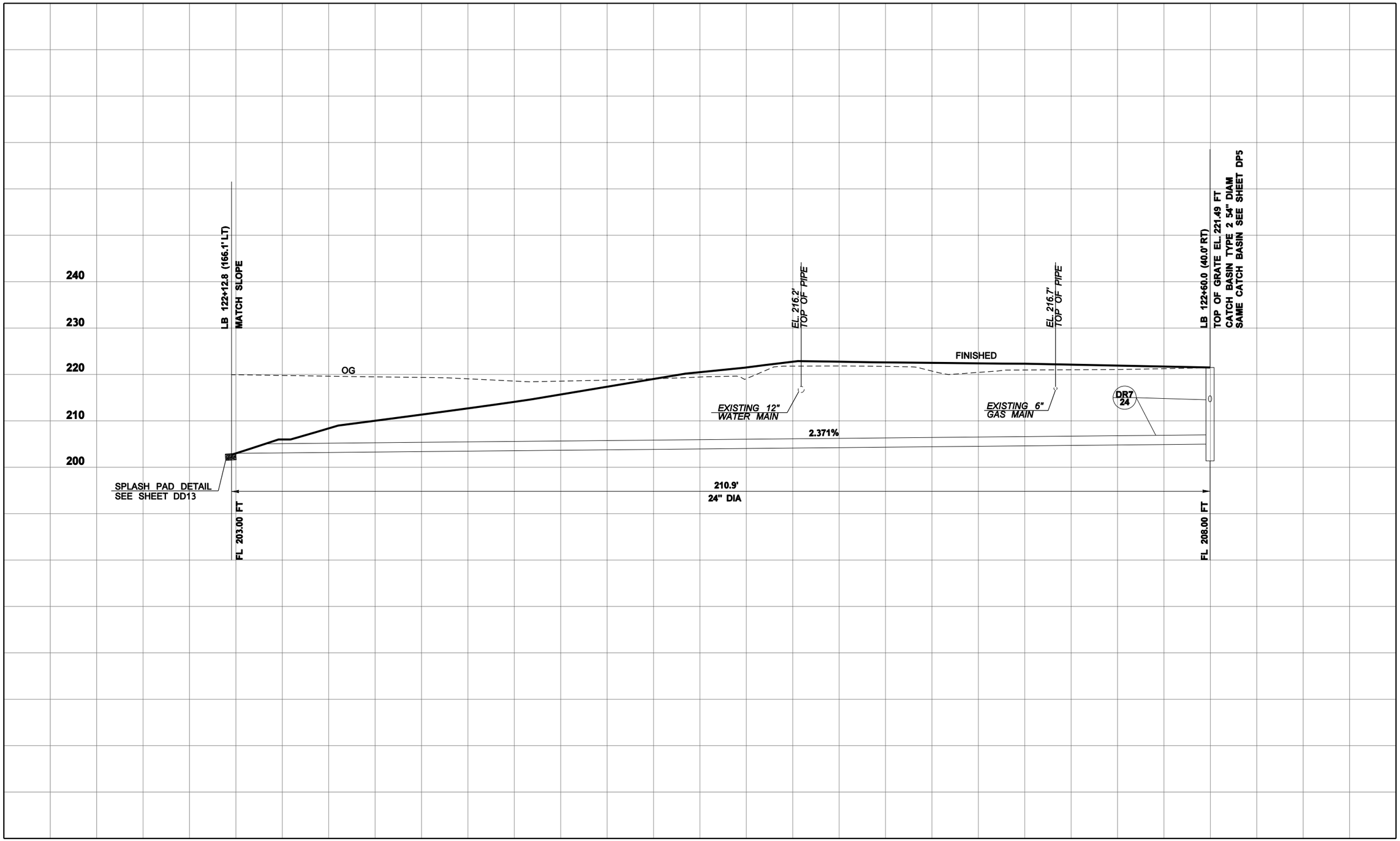
I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

DRAINAGE PROFILE

Plot 14

PLAN REF. NO. DP14

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:40:32 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

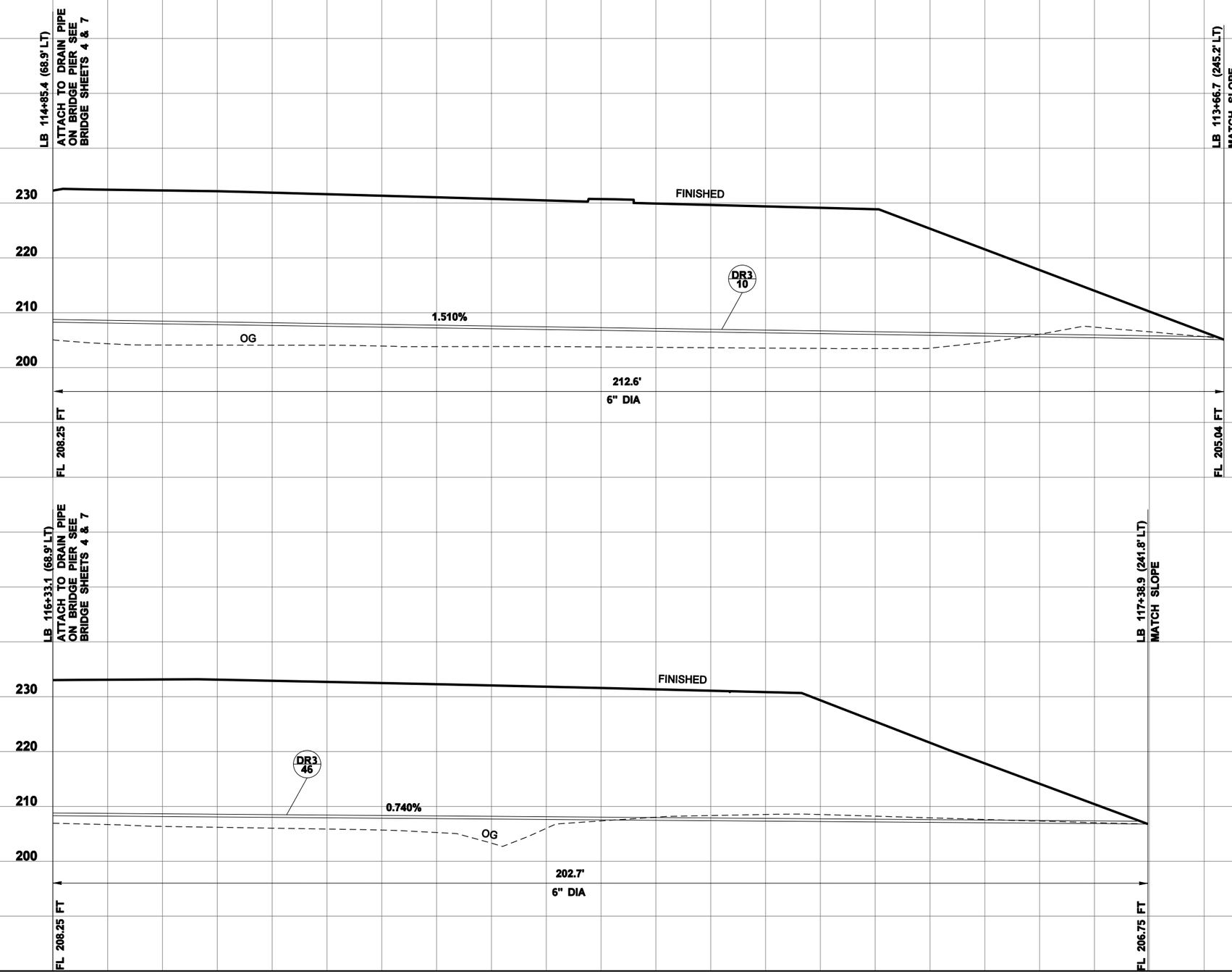
I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

DRAINAGE PROFILE

Plot 15

PLAN REF. NO. DP15

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PR_DP.dgn								Plot 16
TIME	10:40:33 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT	PLAN REF. NO. DP16
DATE	11/23/2009									
PLOTTED BY	kerrt				JOB NUMBER 00Z000					
DESIGNED BY	DESIGNER									
ENTERED BY	CAD OPERATOR									
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		DRAINAGE PROFILE	SHEET OF SHEETS
PROJ. ENGR.	PROJECT ENGINEER									
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY						

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

STRUCTURE NOTES - UTILITY

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	BORING AND JACKING 42 IN. PLAIN STEEL CULVERT PIPE	JACKING PIT FOR 42 IN. PLIAN STEEL CULVERT PIPE	SLIPLINING 42 IN. STEEL CASING WITH 30 IN. HDPE PIPE	HIGH DENSITY POLYETHYLENE PIPE 12 IN. DIAM.		HIGH DENSITY POLYETHYLENE PIPE 30 IN. DIAM.	HSS 16.00 STEEL PIPE	CAPPING SANITARY SEWER MANHOLE	MONITORING SANITARY SEWER LINE		SEWER CLEANOUT	TESTING SEWER PIPE	PVC SANITARY SEWER PIPE 6 IN. DIAM.	PVC SANITARY SEWER PIPE 12 IN. DIAM.		SEE GENERAL NOTES
		L.F.	EACH	L.F.	L.F.		L.F.	EACH	EACH	EACH		EACH	L.F.	L.F.	L.F.		
UT3-1	75																
UT3-2	L 1478+06 (147 RT) TO L 1481+60 (157 RT)																1
UT3-3	L 1481+60 (157 RT) TO L 1482+82 (156 RT)								1	20							1, 5, 7
UT3-4	L 1482+82 (156 RT) TO L 1485+55 (154 RT)								1								1, 5
UT3-5	L 1485+55 (154 RT) TO L 1487+62 (155 RT)								1								1, 5
UT3-6	L 1478+06.01 (147.33 RT) TO L 1478+15.88 (157.44 RT)						14						14				2
UT3-7	L 1478+15.88 (157.44 RT) TO L 1481+92.25 (167.73 RT)						337						337				2
UT3-8	L 1481+92.25 (167.73 RT) TO L 1487+46.88 (167.47 RT)	487	1	487			497						497				2
UT3-9	L 1487+46.88 (167.47 RT) TO L 1487+62.56 (155.66 RT)						14						14				2, 3, 4, 6
UT3-10	L 1487+62.56 (155.66 RT)																
UT3-11	LB 118+71 (119 LT)																
UT3-12	LB 118+57 (115 LT) TO LB 118+72 (75 LT)																
UT3-13	LB 118+54(75 LT)																10
UT3-14	LB 118+72 (75 LT) TO LB 120+15 (51 LT)				709												8
UT3-15	LB 120+44 (62 LT) TO LB 120+48 (70 RT)																
UT3-16	LB 120+51 (79 LT)																
UT3-17	LB 120+15 (51 LT) TO LB 122+18 (51 LT)							142									9
UT3-18	LB 122+110 (63 LT) TO LB 122+06 (63 RT)																
UT3-19	LB 122+07 (72 LT)																
UT3-20	LB 122+18 (51 LT) TO LB 125+37 (74 LT)																
UT6-1	HAM 1729+34.45 (30.85 LT)																
UT6-2	HAM 1729+34.45 (30.85 LT) TO HAM 1731+60.60 (44.61 LT)																
UT6-3	LB 108+09 (70 RT) TO LB 106+76 (23 RT)																
UT6-4	LB 106+76 (23 RT)																
UT6-5	LB 106+28 (52 LT) TO LB 108+09 (70 RT)																
UT6-6	LB 109+28 (52 LT)																
UT6-7	LB 110+10 (36 LT)																
UT6-8	LB 110+99 (52 LT) TO LB 110+86 (71 RT)																
UT6-9	LB 113+89 (44 LT) TO LB 144+06 (117 RT)																
UT6-10	LB 116+24.(65 LT) TO LB 115+79 (127 RT)																
UT7-1	OB 600+62.54 (60.31 LT) TO OB 602+91.84 (23.73 RT)														250		
UT7-2	OB 602+91.84 (23.73 RT) TO OB 602+91.36 (43.01 RT)											1		20			
UT7-3	LB 129+48 (62 RT)																10
UT7-4	LB 129+48 (62 RT) TO LB 129+52 (10 RT)																
UT7-5	LB 127+02 (95 RT) TO LB 126+94 (89 RT)																10
	SHEET TOTAL	487	1	487	709		862	142	3	20		1	862	20	250		

GENERAL NOTES:

1. SEE SPECIAL PROVISION "FILLING OF CULVERTS AND SEWER PIPE."

2. SEE SPEIAL PROVISION "HIGH DENSITY POLYETHYLINE PIPE."

3. SEE SPECIAL PROVISION " BORING AND JACKING CULVERT PIPE."

4. SEE SPECIAL PROVISION " JACKING PIT."

5. SEE SPECIAL PROVISION "CAPPING SANITARY SEWER MANHOLE."

6. SEE SPECAIL PROVISION "SLIPPING."

7. SEE SPECIAL PROVISION "MONITORING SANITARY SEWER LINES."

8. SEE SPECAIL PROVISION "VALVES FOR WATER MAINS."

9. SEE SPECIAL PROVISION "HSS 16,00 STEEL PIPE."

10. SEE "CEMENT CONCRETE SIDEWALK @ FIRE HYDRANT" DETAIL FOR CONCRETE SIDEWALK THICKNESS.

DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOER						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGION ADM.	REIONAL ADM.						
		DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NH-0000(000)
JOB NUMBER		
00Z000		
CONTRACT NO.		
SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - UTILITY

SNUT 1

SHEET OF SHEETS

STRUCTURE NOTES - UTILITY

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	GATE VALVE 12 IN.	BLOWOFF ASSEMBLY	HYDRANT ASSEMBLY	RESETTING EXISTING HYDRANTS		MOVING EXSTING HYDRANTS	SERVICE CONNECTION 1 IN. DIAM.	DUCTILE IRON PIPE FOR WATER MAIN 6 IN. DIAM.	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.		STRUCTURE EXCAVATION CLASS B	SHORING OE EXRTA EXCAVATION CLASS B	CONTROLLED DENSITY FILL	PLUGGING EXISTING PIPE		SEE GENERAL NOTES
		EACH	EACH	EACH	EACH		EACH	EACH	L.F.	L.F.		C.Y.	S.Y.	C.Y.	EACH		
UT3-1	75																
UT3-2	L 1478+06 (147 RT) TO L 1481+60 (157 RT)													41.1	1		1
UT3-3	L 1481+60 (157 RT) TO L 1482+82 (156 RT)													16.1			1, 5, 7
UT3-4	L 1482+82 (156 RT) TO L 1485+55 (154 RT)													30.9			1, 5
UT3-5	L 1485+55 (154 RT) TO L 1487+62 (155 RT)													16.3	1		1, 5
UT3-6	L 1478+06.01 (147.33 RT) TO L 1478+15.88 (157.44 RT)																2
UT3-7	L 1478+15.88 (157.44 RT) TO L 1481+92.25 (167.73 RT)											850	2872				2
UT3-8	L 1481+92.25 (167.73 RT) TO L 1487+46.88 (167.47 RT)																2
UT3-9	L 1487+46.88 (167.47 RT) TO L 1487+62.56 (155.66 RT)																2, 3, 4, 6
UT3-10	L 1487+62.56 (155.66 RT)																
UT3-11	LB 118+71 (119 LT)														1		
UT3-12	LB 118+57 (115 LT) TO LB 118+72 (75 LT)	1								66							
UT3-13	LB 118+54(75 LT)																10
UT3-14	LB 118+72 (75 LT) TO LB 120+15 (51 LT)			1					4								8
UT3-15	LB 120+44 (62 LT) TO LB 120+48 (70 RT)							1									
UT3-16	LB 120+51 (79 LT)																
UT3-17	LB 120+15 (51 LT) TO LB 122+18 (51 LT)																9
UT3-18	LB 122+110 (63 LT) TO LB 122+06 (63 RT)							1									
UT3-19	LB 122+07 (72 LT)		1														
UT3-20	LB 122+18 (51 LT) TO LB 125+37 (74 LT)		1														
UT6-1	HAM 1729+34.45 (30.85 LT)																
UT6-2	HAM 1729+34.45 (30.85 LT) TO HAM 1731+60.60 (44.61 LT)																
UT6-3	LB 108+09 (70 RT) TO LB 106+76 (23 RT)																
UT6-4	LB 106+76 (23 RT)																
UT6-5	LB 106+28 (52 LT) TO LB 108+09 (70 RT)																
UT6-6	LB 109+28 (52 LT)																
UT6-7	LB 110+10 (36 LT)																
UT6-8	LB 110+99 (52 LT) TO LB 110+86 (71 RT)																
UT6-9	LB 113+89 (44 LT) TO LB 144+06 (117 RT)																
UT6-10	LB 116+24.(65 LT) TO LB 115+79 (127 RT)																
UT7-1	OB 600+62.54 (60.31 LT) TO OB 602+91.84 (23.73 RT)											230	760				
UT7-2	OB 602+91.84 (23.73 RT) TO OB 602+91.36 (43.01 RT)											210	20				
UT7-3	LB 129+48 (62 RT)				1												10
UT7-4	LB 129+48 (62 RT) TO LB 129+52 (10 RT)								50								
UT7-5	LB 127+02 (95 RT) TO LB 126+94 (89 RT)	1		1					9								10
	SHEET TOTAL	2	2	2	1			2	63	66		1290	3652	104.4	3		

DESIGNED BY	DESIGNER					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	CAD OPERATOER					10	WASH	NH-0000(000)
CHECKED BY	TEAM LEAD					JOB NUMBER		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REIONAL ADM.					CONTRACT NO.		
		DATE	DATE	REVISION	BY	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - UTILITY

SNUT 2

SHEET OF SHEETS

STRUCTURE NOTES - UTILITY

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	CEMENT CONC. SIDEWALK	ADJUST MANHOLE	MANHOLE 54 IN. DIAM. TYPE 1	MANHOLE 72 IN. DIAM. TYPE 1		DROP MANHOLE CONNECTION	ADJUST VALVE BOX									SEE GENERAL NOTES
		S.Y.	EACH	EACH	EACH		EACH	EACH									
UT3-1	75		1														
UT3-2	L 1478+06 (147 RT) TO L 1481+60 (157 RT)																1
UT3-3	L 1481+60 (157 RT) TO L 1482+82 (156 RT)																1, 5, 7
UT3-4	L 1482+82 (156 RT) TO L 1485+55 (154 RT)																1, 5
UT3-5	L 1485+55 (154 RT) TO L 1487+62 (155 RT)																1, 5
UT3-6	L 1478+06.01 (147.33 RT) TO L 1478+15.88 (157.44 RT)				1												2
UT3-7	L 1478+15.88 (157.44 RT) TO L 1481+92.25 (167.73 RT)			1													2
UT3-8	L 1481+92.25 (167.73 RT) TO L 1487+46.88 (167.47 RT)			1													2
UT3-9	L 1487+46.88 (167.47 RT) TO L 1487+62.56 (155.66 RT)			1													2, 3, 4, 6
UT3-10	L 1487+62.56 (155.66 RT)				1												
UT3-11	LB 118+71 (119 LT)																
UT3-12	LB 118+57 (115 LT) TO LB 118+72 (75 LT)																
UT3-13	LB 118+54(75 LT)	2.76															10
UT3-14	LB 118+72 (75 LT) TO LB 120+15 (51 LT)																8
UT3-15	LB 120+44 (62 LT) TO LB 120+48 (70 RT)																
UT3-16	LB 120+51 (79 LT)																
UT3-17	LB 120+15 (51 LT) TO LB 122+18 (51 LT)																9
UT3-18	LB 122+110 (63 LT) TO LB 122+06 (63 RT)																
UT3-19	LB 122+07 (72 LT)																
UT3-20	LB 122+18 (51 LT) TO LB 125+37 (74 LT)																
UT6-1	HAM 1729+34.45 (30.85 LT)																
UT6-2	HAM 1729+34.45 (30.85 LT) TO HAM 1731+60.60 (44.61 LT)																
UT6-3	LB 108+09 (70 RT) TO LB 106+76 (23 RT)																
UT6-4	LB 106+76 (23 RT)																
UT6-5	LB 106+28 (52 LT) TO LB 108+09 (70 RT)																
UT6-6	LB 109+28 (52 LT)																
UT6-7	LB 110+10 (36 LT)																
UT6-8	LB 110+99 (52 LT) TO LB 110+86 (71 RT)																
UT6-9	LB 113+89 (44 LT) TO LB 144+06 (117 RT)																
UT6-10	LB 116+24.(65 LT) TO LB 115+79 (127 RT)																
UT7-1	OB 600+62.54 (60.31 LT) TO OB 602+91.84 (23.73 RT)						1										
UT7-2	OB 602+91.84 (23.73 RT) TO OB 602+91.36 (43.01 RT)																
UT7-3	LB 129+48 (62 RT)	2.67															10
UT7-4	LB 129+48 (62 RT) TO LB 129+52 (10 RT)																
UT7-5	LB 127+02 (95 RT) TO LB 126+94 (89 RT)	2.67															10
	SHEET TOTAL	8.1	1	3	2		1										

DESIGNED BY	DESIGNER					REGION NO.	STATE	FED. AID PROJ. NO.
ENTERED BY	CAD OPERATOER					10	WASH	NH-0000(000)
CHECKED BY	TEAM LEAD					JOB NUMBER		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REIONAL ADM.					CONTRACT NO.		
		DATE	DATE	REVISION	BY	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - UTILITY

SNUT 3

SHEET OF SHEETS

STRUCTURE NOTES - UTILITY

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	BORING AND JACKING 42 IN. PLAIN STEEL CULVERT PIPE	JACKING PIT FOR 42 IN. PLIAN STEEL CULVERT PIPE	SLIPLINING 42 IN. STEEL CASING WITH 30 IN. HDPE PIPE	HIGH DENSITY POLYETHYLENE PIPE 12 IN. DIAM.		HIGH DENSITY POLYETHYLENE PIPE 30 IN. DIAM.	HSS 16.00 STEEL PIPE	CAPPING SANITARY SEWER MANHOLE	MONITORING SANITARY SEWER LINE		SEWER CLEANOUT	TESTING SEWER PIPE	PVC SANITARY SEWER PIPE 6 IN. DIAM.	PVC SANITARY SEWER PIPE 12 IN. DIAM.		SEE GENERAL NOTES
		L.F.	EACH	L.F.	L.F.		L.F.	EACH	EACH	EACH		EACH	L.F.	L.F.	L.F.		
UT7-6	LB 127+02 (95 RT) TO LB 126+94 (89 RT)																10
UT7-7	LB 126+60 (60 LT) TO LB 126+65 (31 LT)																
UT7-8	LB 125+64 (75 LT) TO LB 126+60 (60 LT)																10
UT7-9	LB 125+36 (75 LT) TO LB 124+94 (221 LT)																
UT8-1	LB 135+73 (17 RT)																8
UT8-2	LB 135+37 (40 RT)																
UT8-3	LB 134+04 (30 RT)																8
UT8-4	LB 132+48 (50 RT)																
UT8-5	MSB 516+90 (135 LT) TO MSB 521+30 (14 RT)																
	SHEET TOTAL																
	PROJECT TOTAL	487	1	487	709		862	142	3	20		1	862	20	250		

GENERAL NOTES:

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOER							
CHECKED BY	TEAM LEAD					JOB NUMBER		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REIONAL ADM.					CONTRACT NO.		
		DATE	DATE	REVISION	BY	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - UTILITY

SNUT 4

SHEET OF SHEETS

STRUCTURE NOTES - UTILITY

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	GATE VALVE 12 IN.	BLOWOFF ASSEMBLY	HYDRANT ASSEMBLY	RESETTING EXISTING HYDRANTS		MOVING EXSTING HYDRANTS	SERVICE CONNECTION 1 IN. DIAM.	DUCTILE IRON PIPE FOR WATER MAIN 6 IN. DIAM.	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.		STRUCTURE EXCAVATION CLASS B	SHORING OE EXRTA EXCAVATION CLASS B	CONTROLLED DENSITY FILL	PLUGGING EXISTING PIPE		SEE GENERAL NOTES
		EACH	EACH	EACH	EACH		EACH	EACH	L.F.	L.F.		C.Y.	S.Y.	C.Y.	EACH		
UT7-6	LB 127+02 (95 RT) TO LB 126+94 (89 RT)						1			130							10
UT7-7	LB 126+60 (60 LT) TO LB 126+65 (31 LT)								4						1		
UT7-8	LB 125+64 (75 LT) TO LB 126+60 (60 LT)	1		1					4	166							10
UT7-9	LB 125+36 (75 LT) TO LB 124+94 (221 LT)	1								680							
UT8-1	LB 135+73 (17 RT)																8
UT8-2	LB 135+37 (40 RT)																
UT8-3	LB 134+04 (30 RT)																8
UT8-4	LB 132+48 (50 RT)																
UT8-5	MSB 516+90 (135 LT) TO MSB 521+30 (14 RT)																
	SHEET TOTAL	2		1			1		8	976					1		
	PROJECT TOTAL	4	2	3	1		1	2	71	1042		1290	3652	104.4	4		

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOER							
CHECKED BY	TEAM LEAD					**JOB NUMBER**		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

STRUCTURE NOTES - UTILITY

SNUT 5

SHEET **OF** **SHEETS**

STRUCTURE NOTES - UTILITY

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	CEMENT CONC. SIDEWALK	ADJUST MANHOLE	MANHOLE 54 IN. DIAM. TYPE 1	MANHOLE 72 IN. DIAM. TYPE 1		DROP MANHOLE CONNECTION	ADJUST VALVE BOX									SEE GENERAL NOTES
		S.Y.	EACH	EACH	EACH		EACH	EACH									
UT7-6	LB 127+02 (95 RT) TO LB 126+94 (89 RT)	2.67															10
UT7-7	LB 126+60 (60 LT) TO LB 126+65 (31 LT)																
UT7-8	LB 125+64 (75 LT) TO LB 126+60 (60 LT)	2.67															10
UT7-9	LB 125+36 (75 LT) TO LB 124+94 (221 LT)																
UT8-1	LB 135+73 (17 RT)							1									8
UT8-2	LB 135+37 (40 RT)																
UT8-3	LB 134+04 (30 RT)							1									8
UT8-4	LB 132+48 (50 RT)																
UT8-5	MSB 516+90 (135 LT) TO MSB 521+30 (14 RT)																
	SHEET TOTAL	5.34						2									
	PROJECT TOTAL	13.44	1	3	2		1	2									

DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOER						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGION ADM.	REIONAL ADM.						
		DATE	**DATE**	**REVISION**		**BY**	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NH-0000(000)
JOB NUMBER		
00Z000		
CONTRACT NO.		
SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

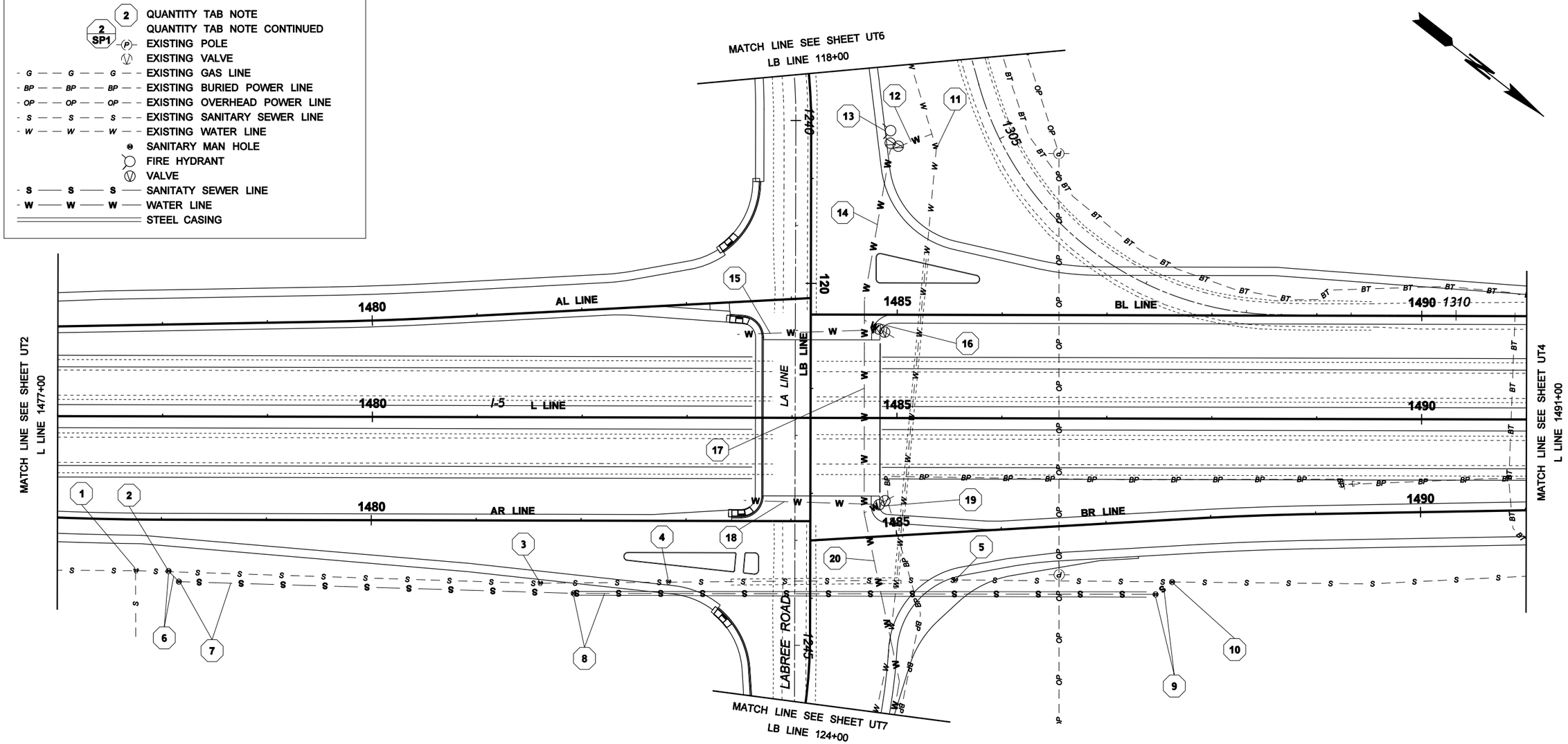
STRUCTURE NOTES - UTILITY

SNUT 6

SHEET **OF** **SHEETS**

LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
P	EXISTING POLE
V	EXISTING VALVE
G	EXISTING GAS LINE
BP	EXISTING BURIED POWER LINE
OP	EXISTING OVERHEAD POWER LINE
S	EXISTING SANITARY SEWER LINE
W	EXISTING WATER LINE
	SANITARY MAN HOLE
	FIRE HYDRANT
	VALVE
S	SANITATY SEWER LINE
W	WATER LINE
	STEEL CASING



0 50 100
SCALE IN FEET

SHEETS UT1 AND UT2 INTENTIONALLY OMITTED FROM PLAN SET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_UT.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	11:01:13 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

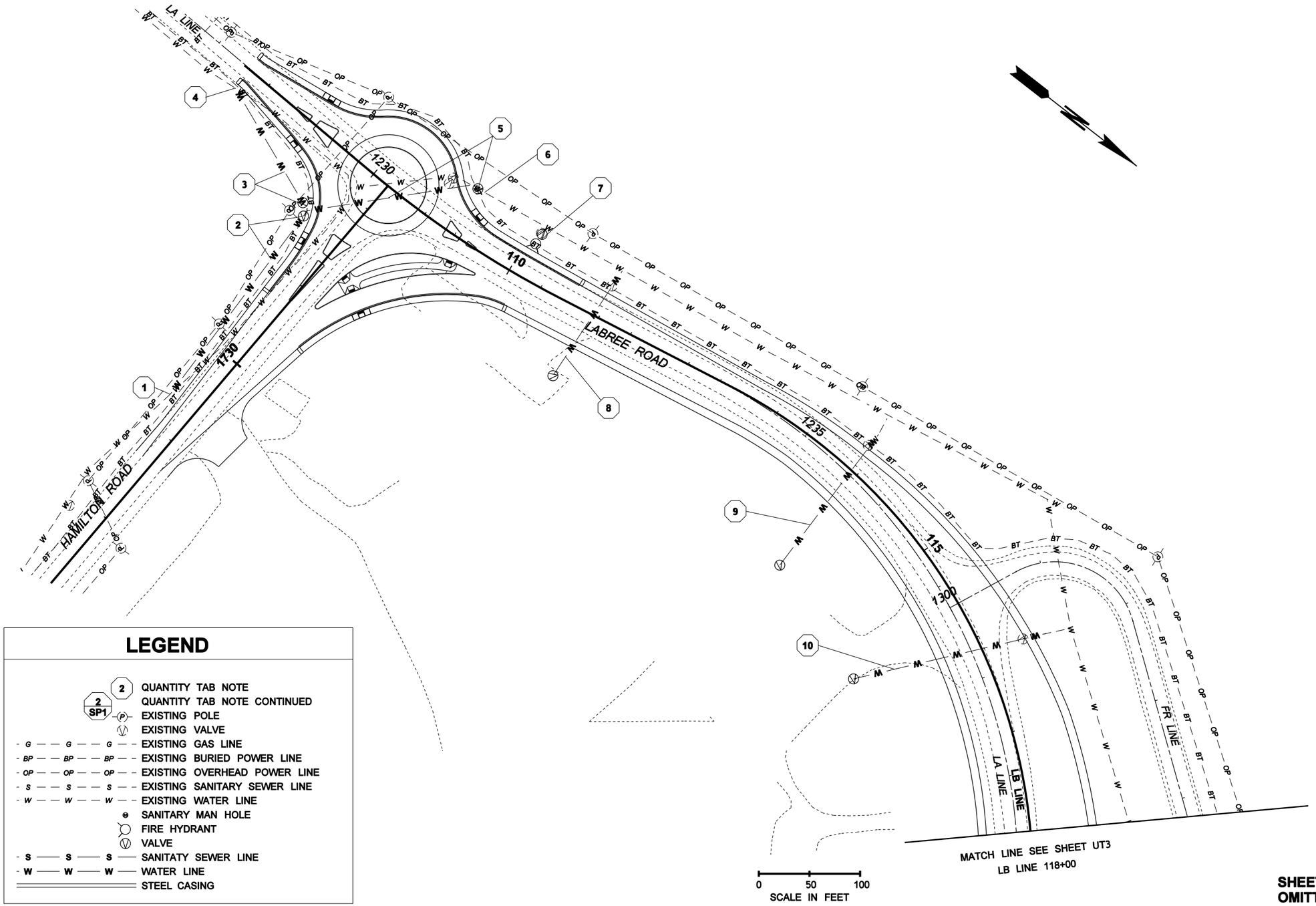
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

UTILITY PLAN

Plot 3

PLAN REF NO UT3

SHEET OF SHEETS



LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
P	EXISTING POLE
V	EXISTING VALVE
G	EXISTING GAS LINE
BP	EXISTING BURIED POWER LINE
OP	EXISTING OVERHEAD POWER LINE
S	EXISTING SANITARY SEWER LINE
W	EXISTING WATER LINE
	SANITARY MAN HOLE
	FIRE HYDRANT
V	VALVE
S	SANITATY SEWER LINE
W	WATER LINE
	STEEL CASING

SHEETS UT4 AND UT5 INTENTIONALLY OMITTED FROM PLAN SET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_UT.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE
TIME	11:01:18 AM								
DATE	11/23/2009								
PLOTTED BY	kerrt				JOB NUMBER 00Z000				
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

Washington State Department of Transportation

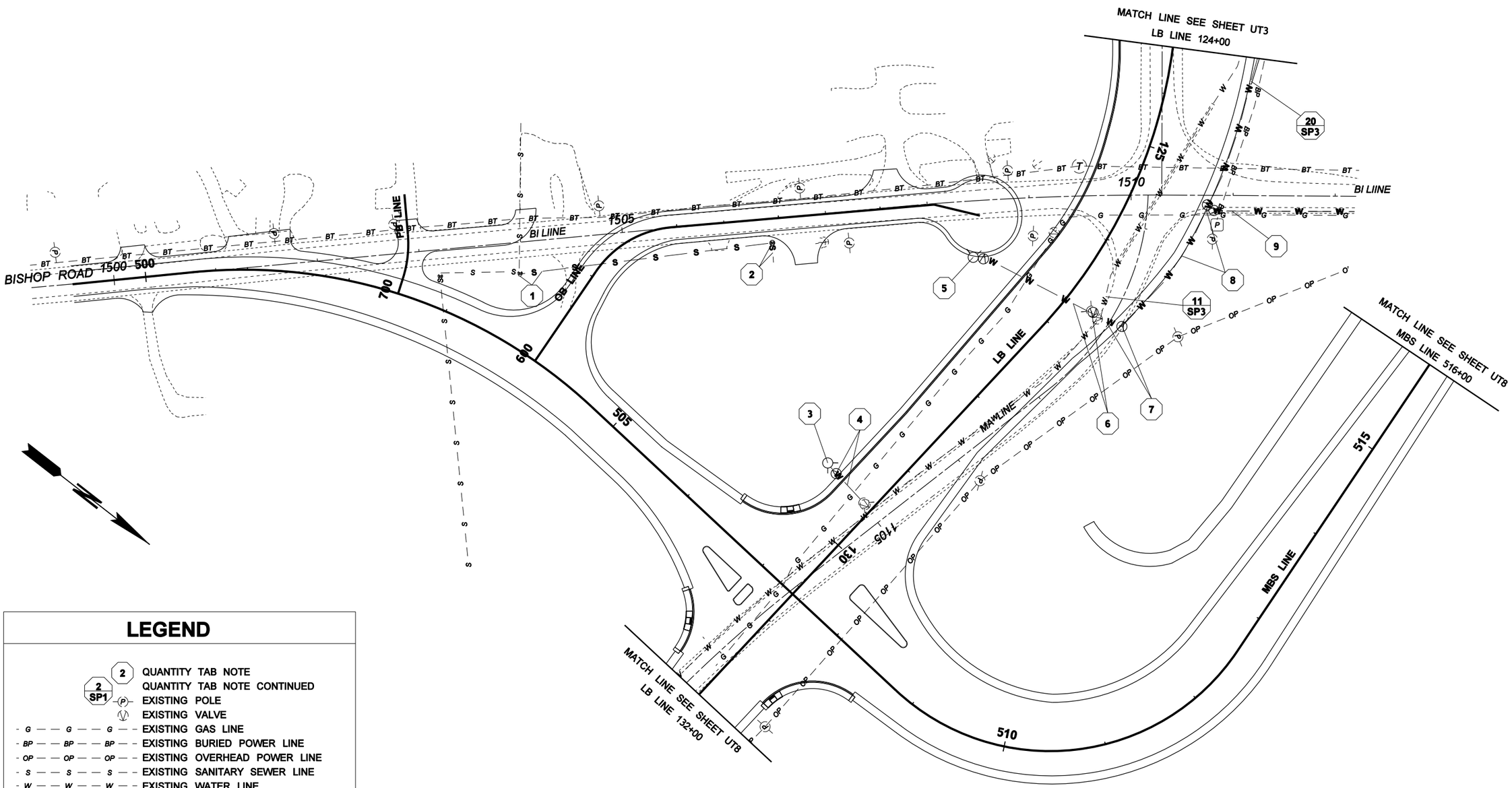
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

UTILITY PLAN

Plot 6

PLAN REF NO UT6

SHEET OF SHEETS



LEGEND

- QUANTITY TAB NOTE
- QUANTITY TAB NOTE CONTINUED
- EXISTING POLE
- EXISTING VALVE
- EXISTING GAS LINE
- EXISTING BURIED POWER LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- SANITARY MAN HOLE
- FIRE HYDRANT
- VALVE
- SANITATY SEWER LINE
- WATER LINE
- STEEL CASING

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_UT.dgn						
TIME	11:01:20 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

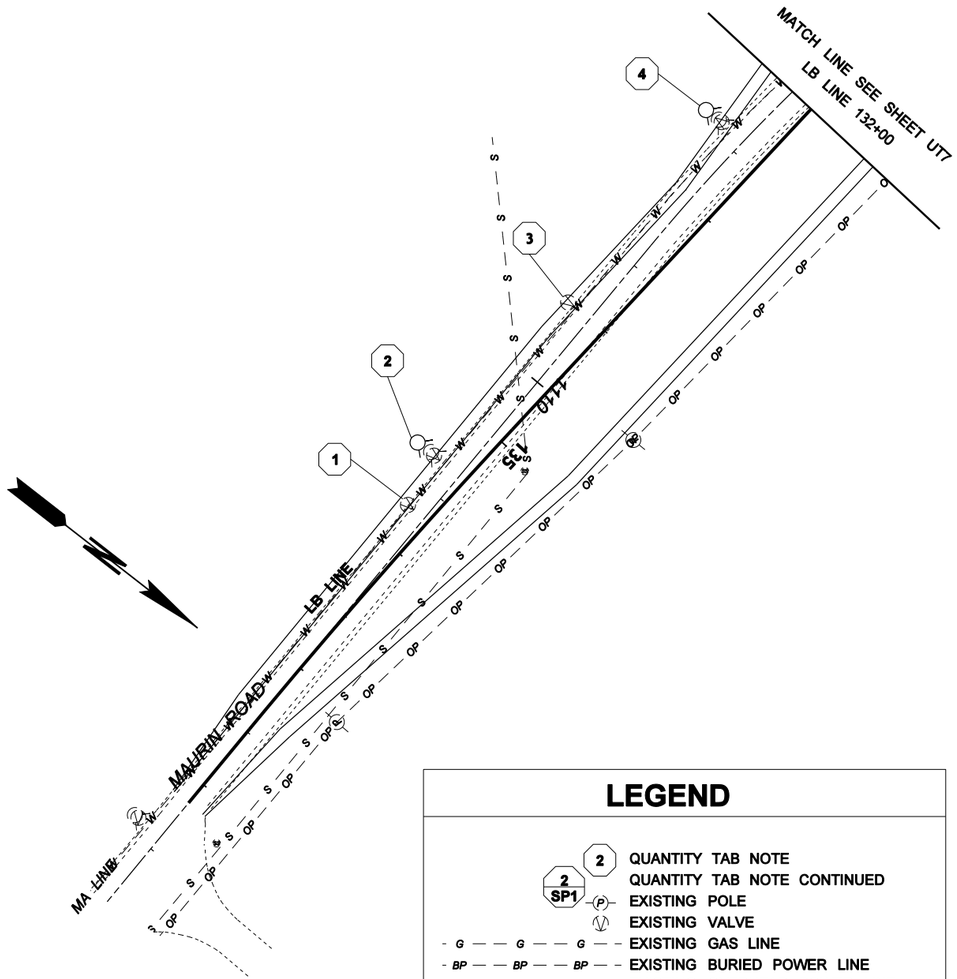
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

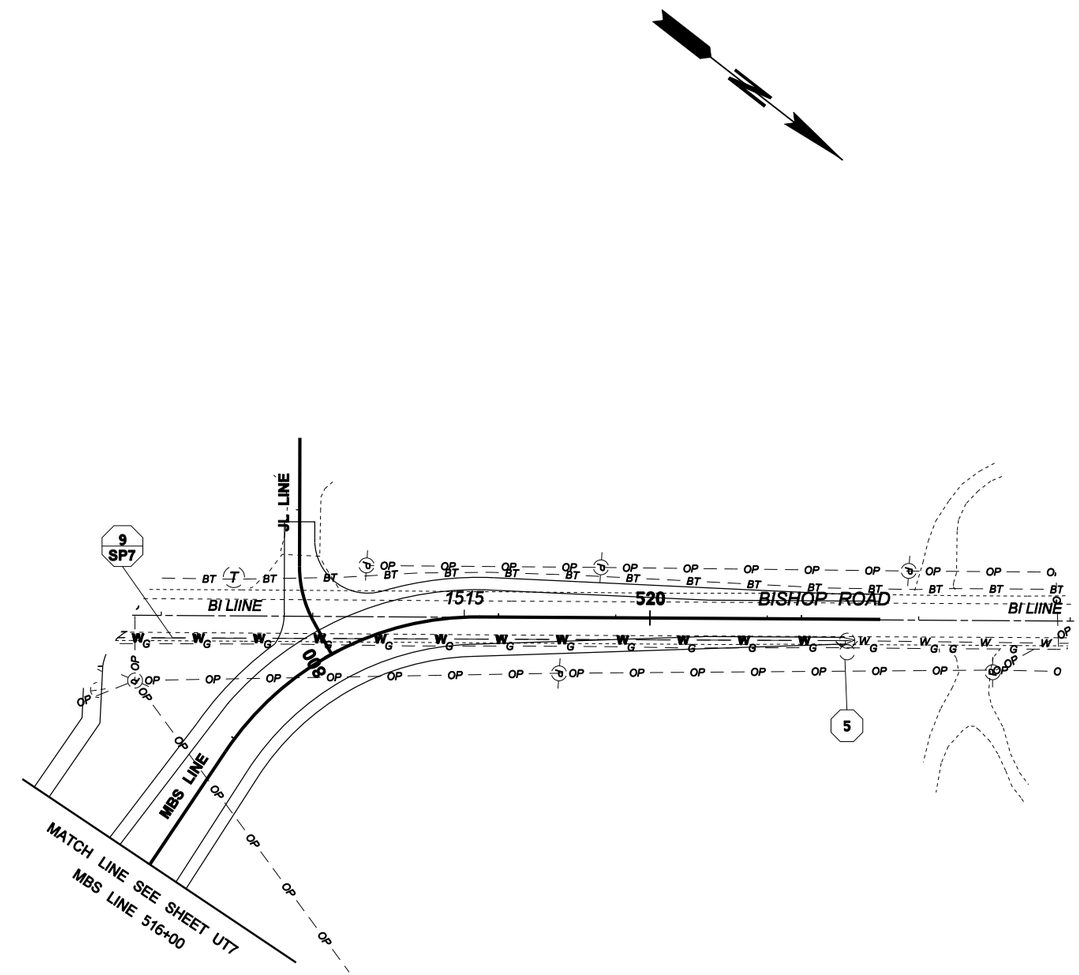
UTILITY PLAN

Plot 7

PLAN REF NO UT7

SHEET OF SHEETS





LEGEND

2	QUANTITY TAB NOTE
2 SP1	QUANTITY TAB NOTE CONTINUED
P	EXISTING POLE
V	EXISTING VALVE
G — G — G	EXISTING GAS LINE
BP — BP — BP	EXISTING BURIED POWER LINE
OP — OP — OP	EXISTING OVERHEAD POWER LINE
S — S — S	EXISTING SANITARY SEWER LINE
W — W — W	EXISTING WATER LINE
	SANITARY MAN HOLE
	FIRE HYDRANT
V	VALVE
S — S — S	SANITATY SEWER LINE
W — W — W	WATER LINE
	STEEL CASING

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_UT.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	11:01:22 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

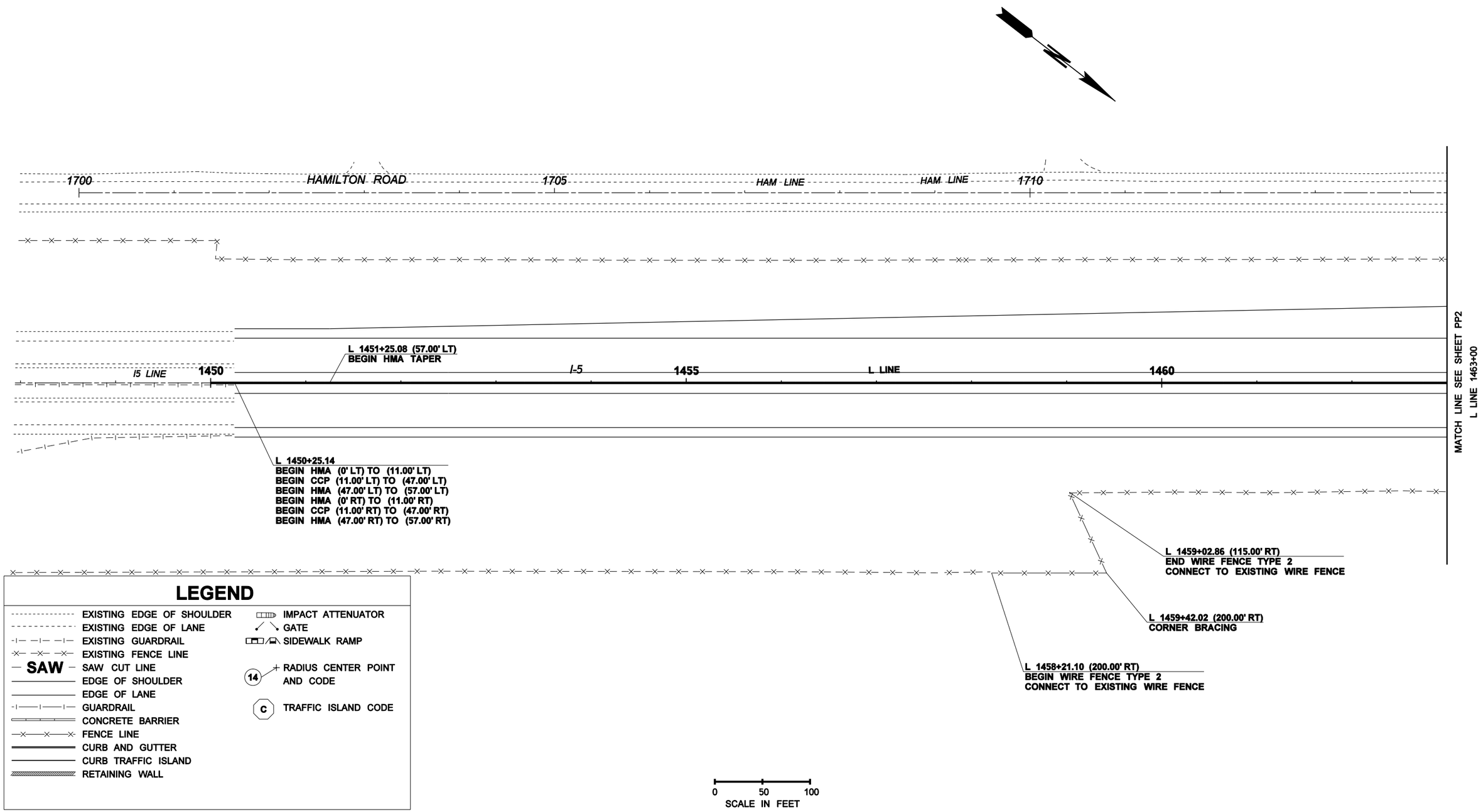
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

UTILITY PLAN

Plot 8

PLAN REF NO UT8

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	11:14:40 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

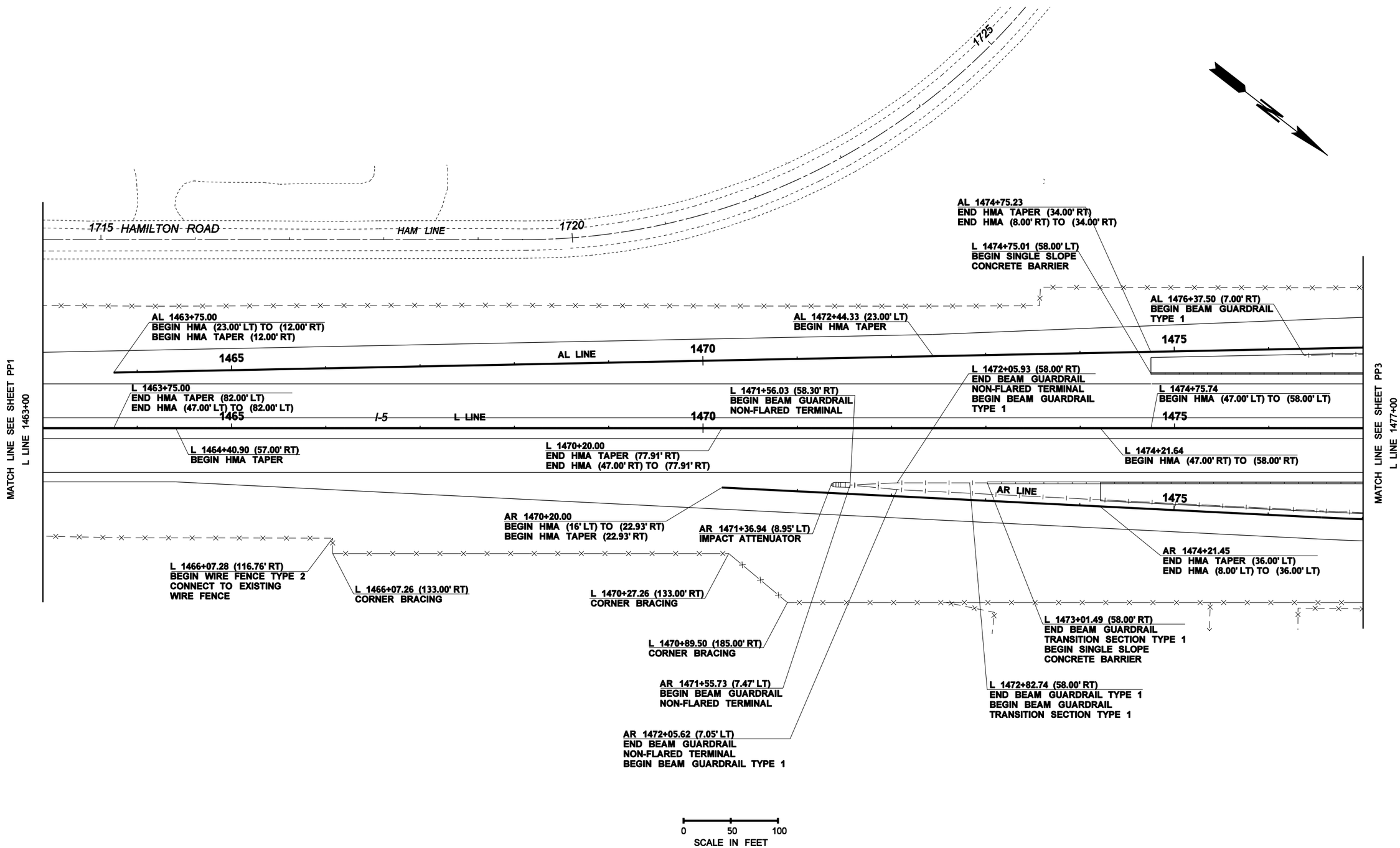
I-5 AND LABREE RD INTERCHANGE
SAMPLE PROJECT

PAVING PLAN

Plot 1

PLAN REF NO PP1

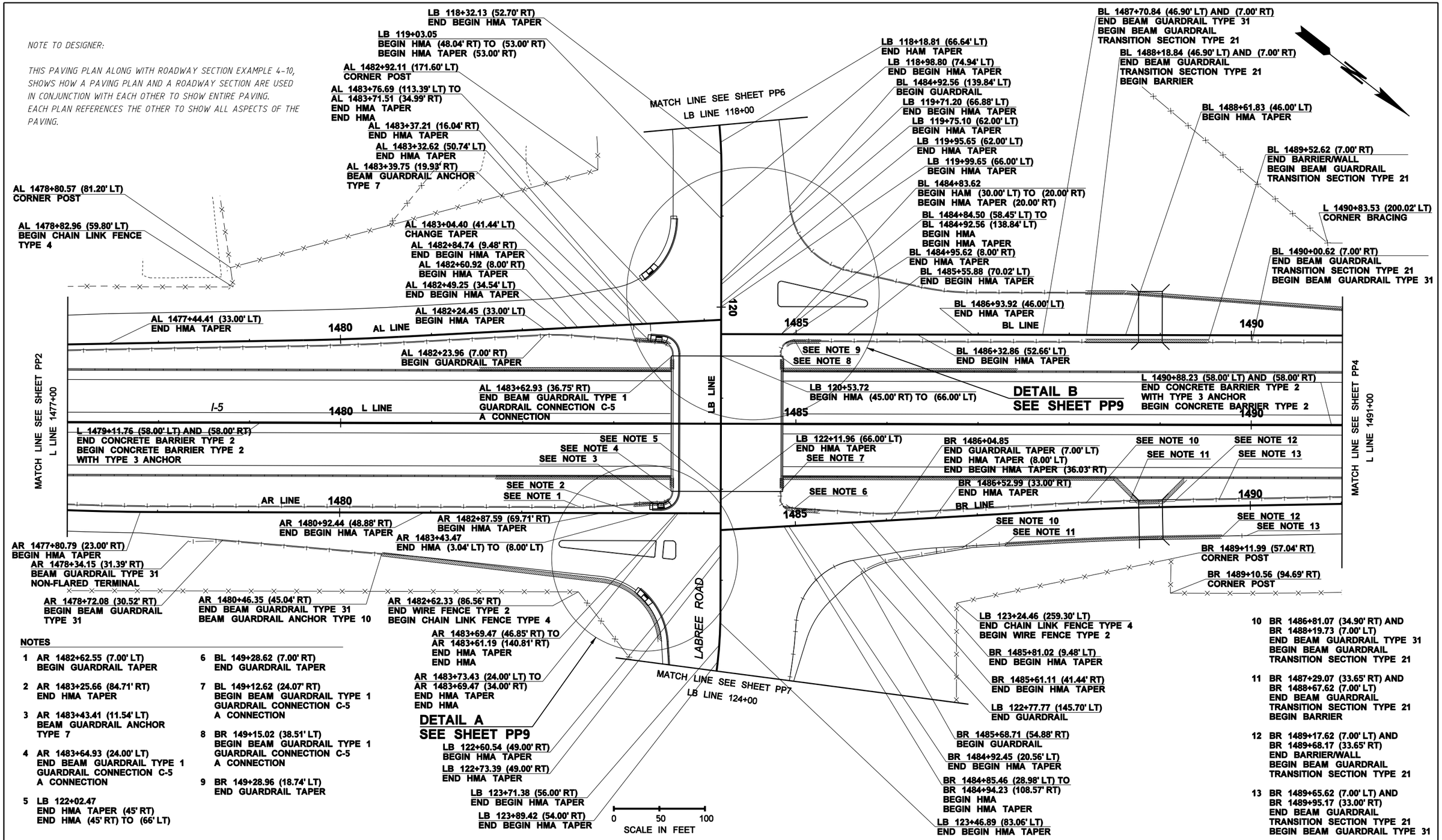
SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE SAMPLE PROJECT	Plot 2 PLAN REF NO PP2
TIME	11:14:41 AM				JOB NUMBER 00Z000							SHEET OF SHEETS
DATE	11/23/2009											
PLOTTED BY	kerrt											
DESIGNED BY	DESIGNER											
ENTERED BY	CAD OPERATOR											
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234				PAVING PLAN	
PROJ. ENGR.	PROJECT ENGINEER											
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY								

NOTE TO DESIGNER:

THIS PAVING PLAN ALONG WITH ROADWAY SECTION EXAMPLE 4-10, SHOWS HOW A PAVING PLAN AND A ROADWAY SECTION ARE USED IN CONJUNCTION WITH EACH OTHER TO SHOW ENTIRE PAVING. EACH PLAN REFERENCES THE OTHER TO SHOW ALL ASPECTS OF THE PAVING.



NOTES

1. AR 1482+62.55 (7.00' LT)
   BEGIN GUARDRAIL TAPER
2. AR 1483+25.66 (84.71' RT)
   END HMA TAPER
3. AR 1483+43.41 (11.54' LT)
   BEAM GUARDRAIL ANCHOR
   TYPE 7
4. AR 1483+64.93 (24.00' LT)
   END BEAM GUARDRAIL TYPE 1
   GUARDRAIL CONNECTION C-5
   A CONNECTION
5. LB 122+02.47
   END HMA TAPER (45' RT)
   END HMA (45' RT) TO (66' LT)
6. BL 149+28.62 (7.00' RT)
   END GUARDRAIL TAPER
7. BL 149+12.62 (24.07' RT)
   BEGIN BEAM GUARDRAIL TYPE 1
   GUARDRAIL CONNECTION C-5
   A CONNECTION
8. BR 149+15.02 (38.51' LT)
   BEGIN BEAM GUARDRAIL TYPE 1
   GUARDRAIL CONNECTION C-5
   A CONNECTION
9. BR 149+28.96 (18.74' LT)
   END GUARDRAIL TAPER
10. BR 1486+81.07 (34.90' RT) AND
    BR 1488+19.73 (7.00' LT)
    END BEAM GUARDRAIL TYPE 31
    BEGIN BEAM GUARDRAIL
    TRANSITION SECTION TYPE 21
11. BR 1487+29.07 (33.65' RT) AND
    BR 1488+67.62 (7.00' LT)
    END BEAM GUARDRAIL
    TRANSITION SECTION TYPE 21
    BEGIN BARRIER
12. BR 1489+17.62 (7.00' LT) AND
    BR 1489+68.17 (33.65' RT)
    END BARRIER/WALL
    BEGIN BEAM GUARDRAIL
    TRANSITION SECTION TYPE 21
13. BR 1489+65.62 (7.00' LT) AND
    BR 1489+95.17 (33.00' RT)
    END BEAM GUARDRAIL
    TRANSITION SECTION TYPE 21
    BEGIN BEAM GUARDRAIL TYPE 31

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	11:14:43 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

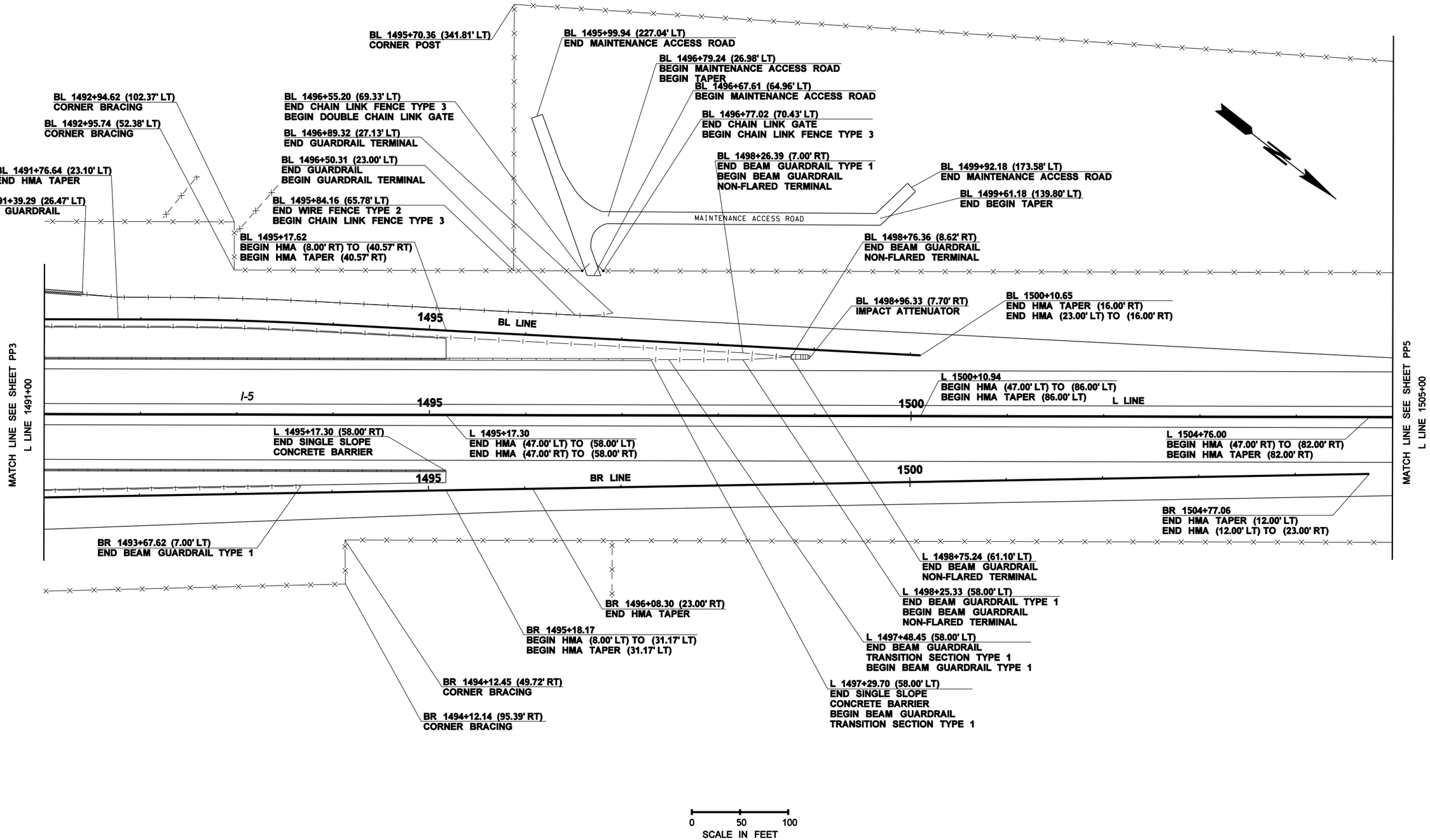
I-5 AND LABREE RD INTERCHANGE
SAMPLE PROJECT

PAVING PLAN

Plot 3

PLAN REF NO PP3

SHEET OF SHEETS

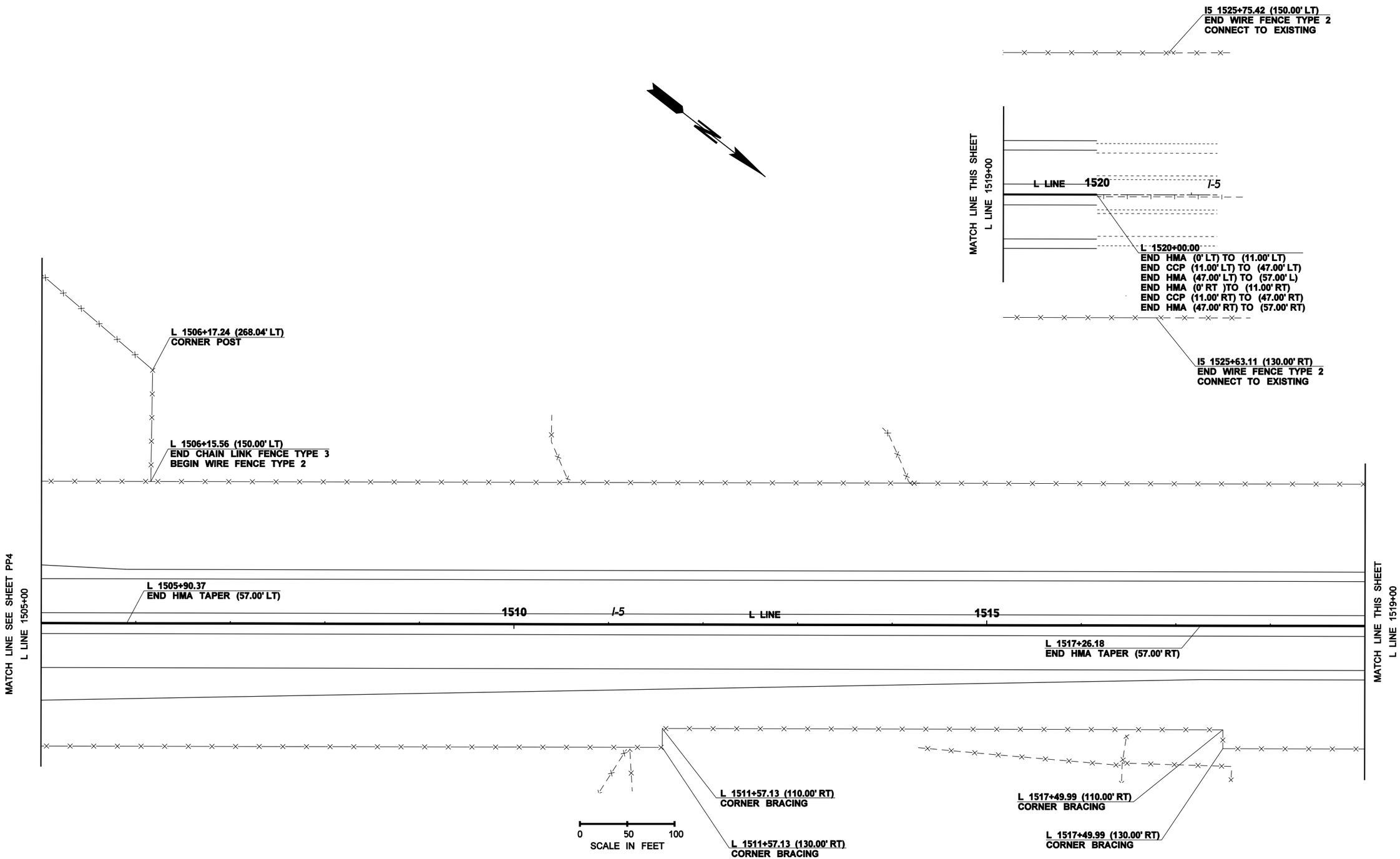


FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn									Plot 4
TIME	11:14:48 AM				REGION NO.	STATE	FED.AID PROJ.NO.			PLAN REF NO
DATE	11/23/2009				10	WASH	NH-0000(000)			PP4
PLOTTED BY	kerrt				JOB NUMBER					
DESIGNED BY	DESIGNER				00Z000					SHEET
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO.			OF
CHECKED BY	TEAM LEAD						SP1234			SHEETS
PROJ. ENGR.	PROJECT ENGINEER									
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY				P.E. STAMP BOX DATE	P.E. STAMP BOX DATE	

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
SAMPLE PROJECT

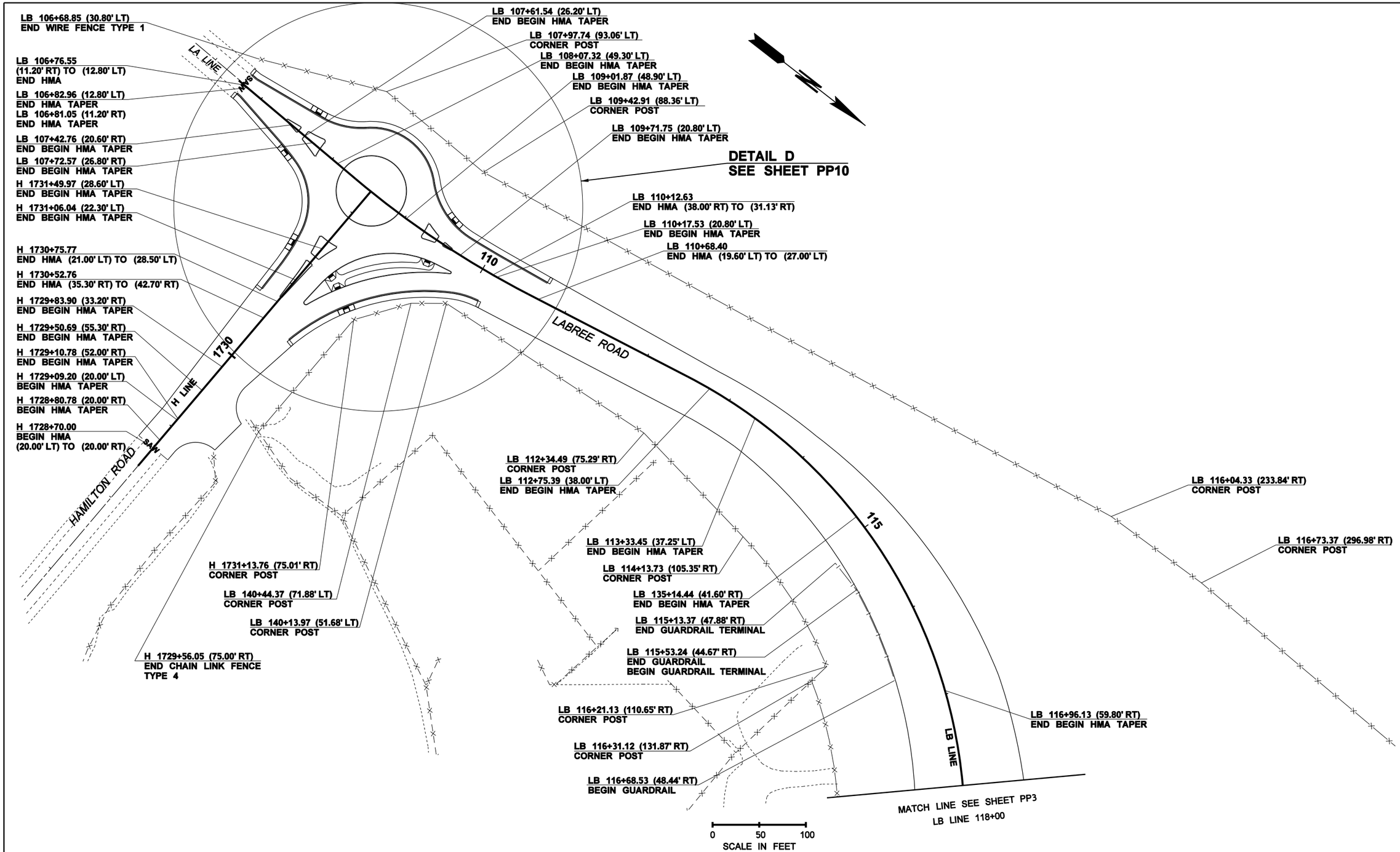
PAVING PLAN



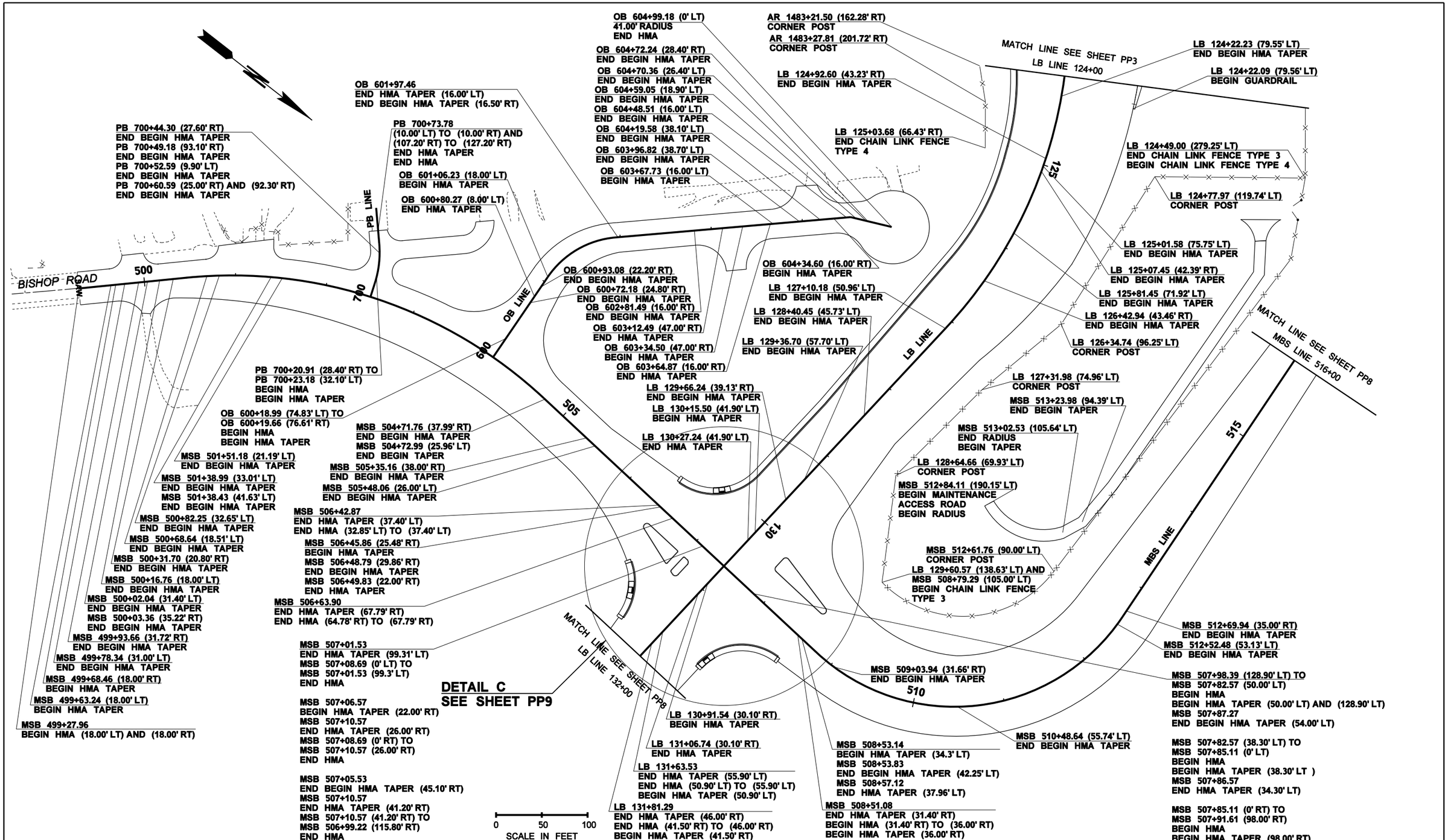
FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)		Plot 5
TIME	11:14:50 AM							Washington State Department of Transportation	PLAN REF NO PP5
DATE	11/23/2009				JOB NUMBER 00Z000			I-5 AND LABREE RD INTERCHANGE SAMPLE PROJECT	
PLOTTED BY	kerrt								SHEET
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234		OF
ENTERED BY	CAD OPERATOR							PAVING PLAN	SHEETS
CHECKED BY	TEAM LEAD								
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn									Plot 6
TIME	11:14:52 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)		Washington State Department of Transportation	PLAN REF NO PP6
DATE	11/23/2009									
PLOTTED BY	kerrt				JOB NUMBER 00Z000				I-5 AND LABREE RD INTERCHANGE SAMPLE PROJECT	SHEET OF SHEETS
DESIGNED BY	DESIGNER									
ENTERED BY	CAD OPERATOR				CONTRACT NO.	LOCATION NO. SP1234				
CHECKED BY	TEAM LEAD									
PROJ. ENGR.	PROJECT ENGINEER								PAVING PLAN	
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			P.E. STAMP BOX DATE	P.E. STAMP BOX DATE		



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn			
TIME	11:14:54 AM			
DATE	11/23/2009			
PLOTTED BY	kerrt			
DESIGNED BY	DESIGNER			
ENTERED BY	CAD OPERATOR			
CHECKED BY	TEAM LEAD			
PROJ. ENGR.	PROJECT ENGINEER			
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

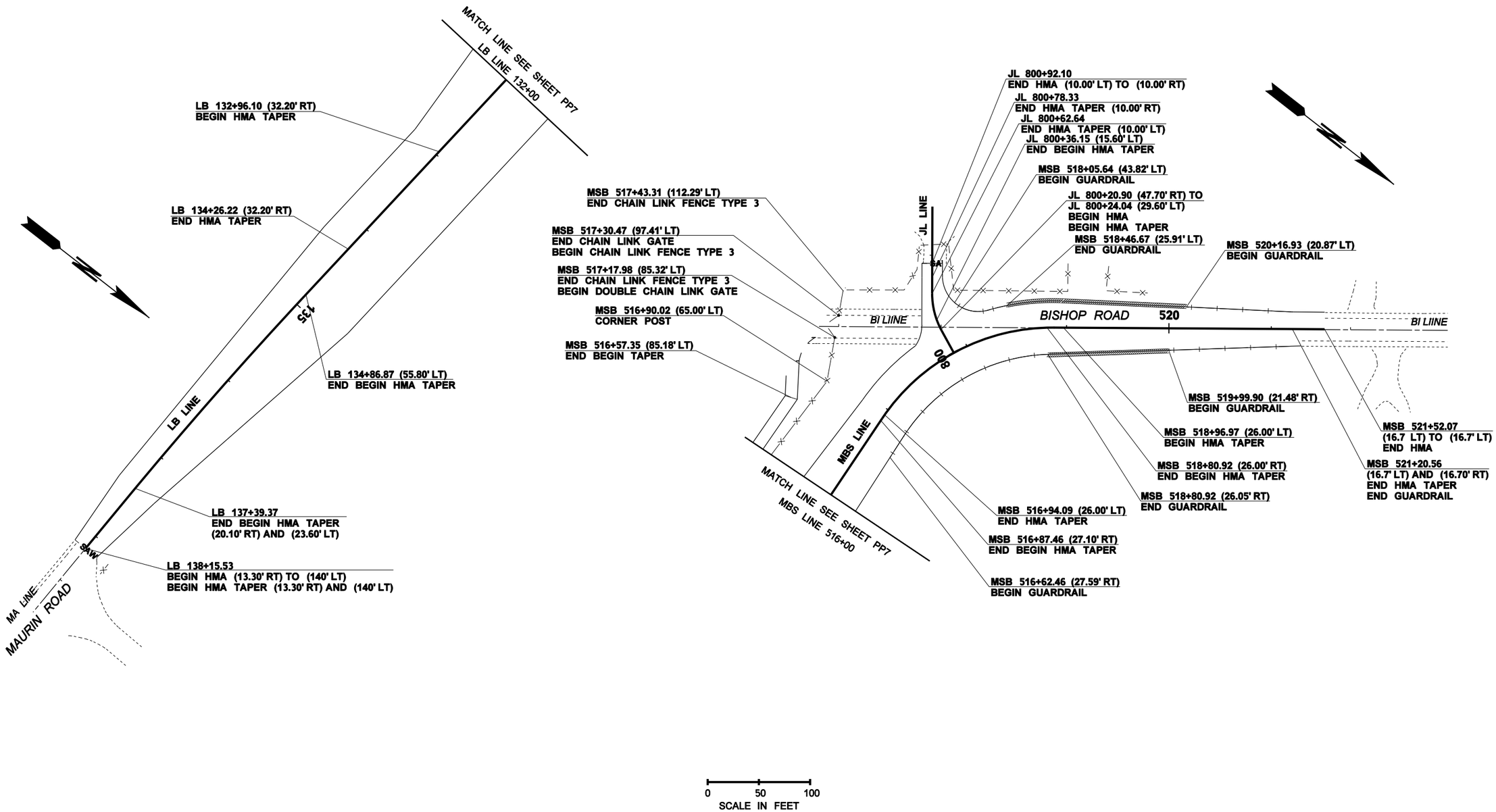
I-5 AND LABREE RD INTERCHANGE
SAMPLE PROJECT

PAVING PLAN

Plot 7

PLAN REF NO PP7

SHEET OF SHEETS



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	11:14:59 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

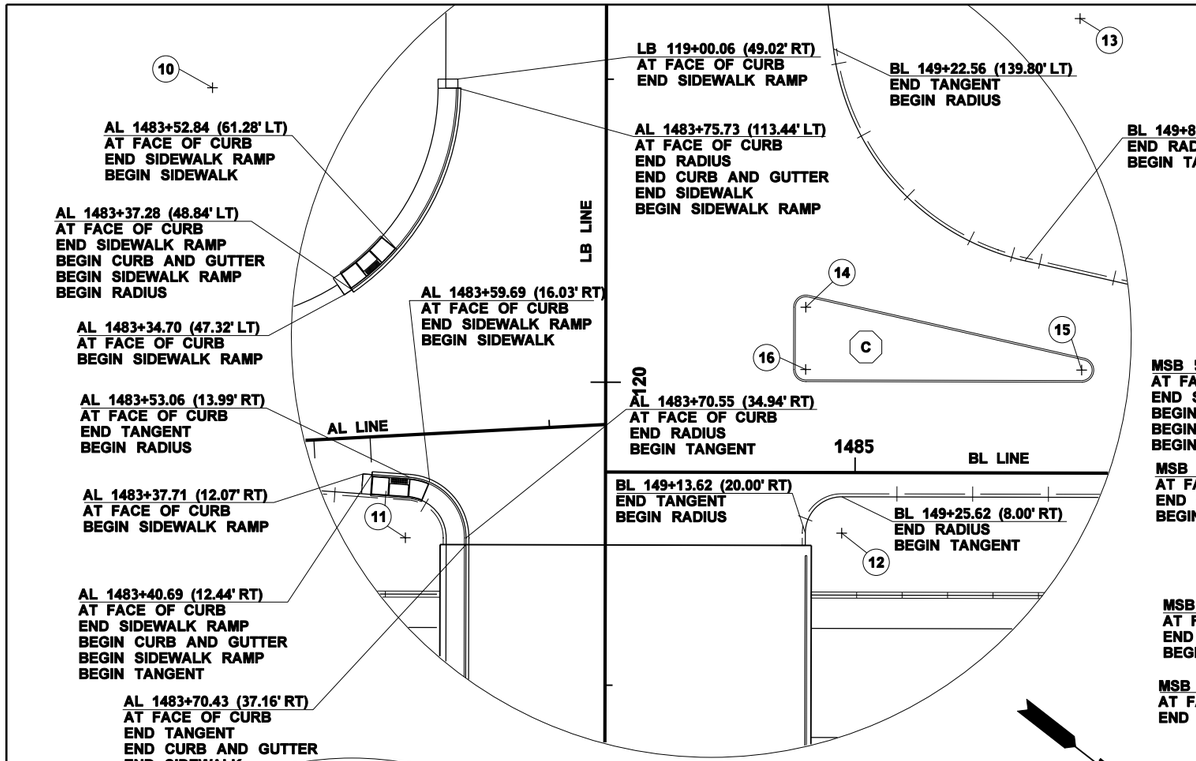
I-5 AND LABREE RD INTERCHANGE
SAMPLE PROJECT

PAVING PLAN

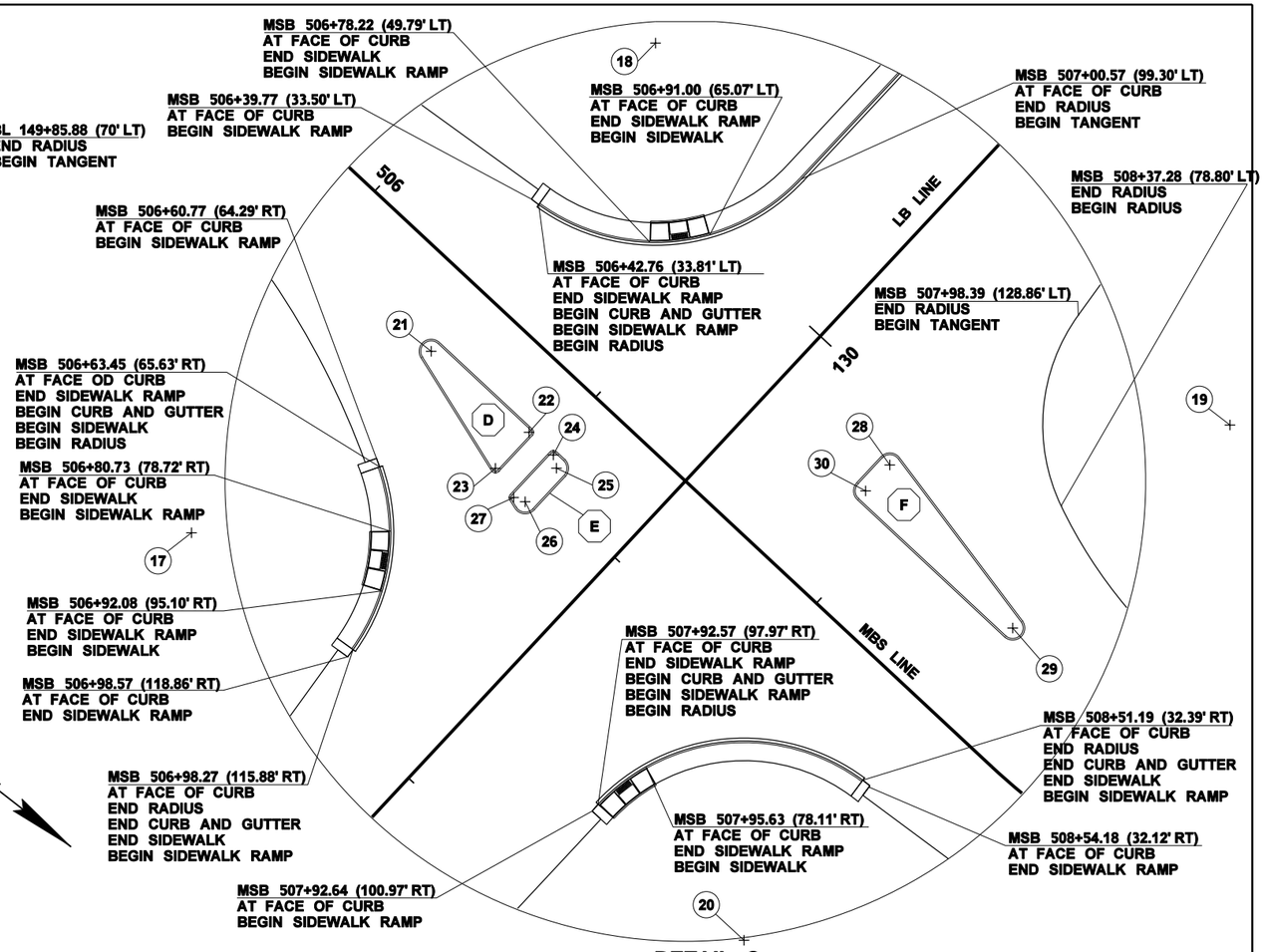
Plot 8

PLAN REF NO PP8

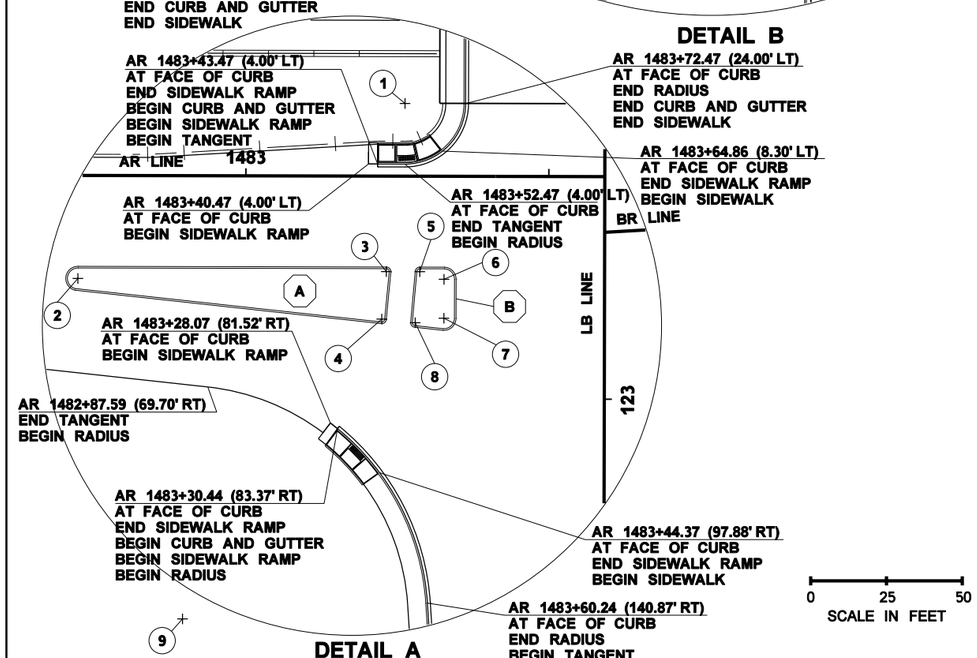
SHEET OF SHEETS



DETAIL B



DETAIL C



DETAIL A

0 25 50
SCALE IN FEET

TRAFFIC ISLAND	RADIUS POINT	STATION & OFFSET	RADIUS AT FACE OF CURB	RADIUS AT BACK OF CURB	RADIUS AT SIDEWALK
-	1	AR 1483+52.47 (24.00' LT)	20.00'	19.46'	13.46'
A	2	AR 1482+44.63 (34.00' RT)	4.00'	3.46'	-
A	3	AR 1483+46.42 (31.50' RT)	1.50'	.96'	-
A	4	AR 1483+44.95 (47.18' RT)	1.50'	.96'	-
B	5	AR 1483+57.47 (31.50' RT)	1.50'	.96'	-
B	6	AR 1483+65.47 (34.00' RT)	4.00'	3.46'	-
B	7	AR 1483+65.47 (46.85' RT)	4.00'	3.46'	-
B	8	AR 1483+55.99 (48.36' RT)	1.50'	.96'	-
-	9	AR 1482+79.42 (146.28' RT)	81.00'	80.46'	74.46'
-	10	AL 1482+94.85 (117.84' LT)	81.00'	80.46'	74.46'
-	11	AL 1483+50.58 (33.84' RT)	20.00'	19.46'	13.46'
-	12	BL 149+25.62 (20.00' RT)	20.00'	-	-
-	13	BL 150+03.92 (150.02' LT)	90.00'	-	-
C	14	BL 149+13.62 (54.54' LT)	4.00'	3.46'	-
C	15	BL 150+04.71 (34.00' LT)	4.00'	3.46'	-
C	16	BL 149+13.62 (34.00' LT)	4.00'	3.46'	-

TRAFFIC ISLAND	RADIUS POINT	STATION & OFFSET	RADIUS AT FACE OF CURB	RADIUS AT BACK OF CURB	RADIUS AT SIDEWALK
-	17	MSB 506+32.78 (124.06' RT)	66.00'	65.46'	59.46'
-	18	MSB 506+34.57 (99.30' LT)	66.00'	65.46'	59.46'
-	19	MSB 508+59.91 (136.55' LT)	70.00'	-	-
-	20	MSB 508+59.91 (136.55' LT)	66.00'	64.46'	59.46'
D	21	MSB 506+49.83 (26.00' RT)	4.00'	3.46'	-
D	22	MSB 506+91.83 (23.50' RT)	1.50'	.96'	-
D	23	MSB 506+91.83 (39.84' RT)	1.50'	.96'	-
E	24	MSB 506+91.83 (39.84' RT)	1.50'	.96'	-
E	25	MSB 507+06.57 (26.00' RT)	4.00'	3.46'	-
E	26	MSB 507+06.57 (41.20' RT)	4.00'	3.46'	-
E	27	MSB 507+02.83 (42.79' RT)	1.50'	.96'	-
F	28	MSB 507+86.57 (50.05' LT)	4.00'	3.46'	-
F	29	MSB 508+53.14 (38.31' LT)	4.00'	3.46'	-
F	30	MSB 507+86.57 (38.31' LT)	4.00'	3.46'	30.00'

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn
TIME	11:15:01 AM
DATE	11/23/2009
PLOTTED BY	kerrt
DESIGNED BY	DESIGNER
ENTERED BY	CAD OPERATOR
CHECKED BY	TEAM LEAD
PROJ. ENGR.	PROJECT ENGINEER
REGIONAL ADM.	REGIONAL ADM.

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NH-0000(000)

JOB NUMBER 00Z000

CONTRACT NO.

LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE
SAMPLE PROJECT

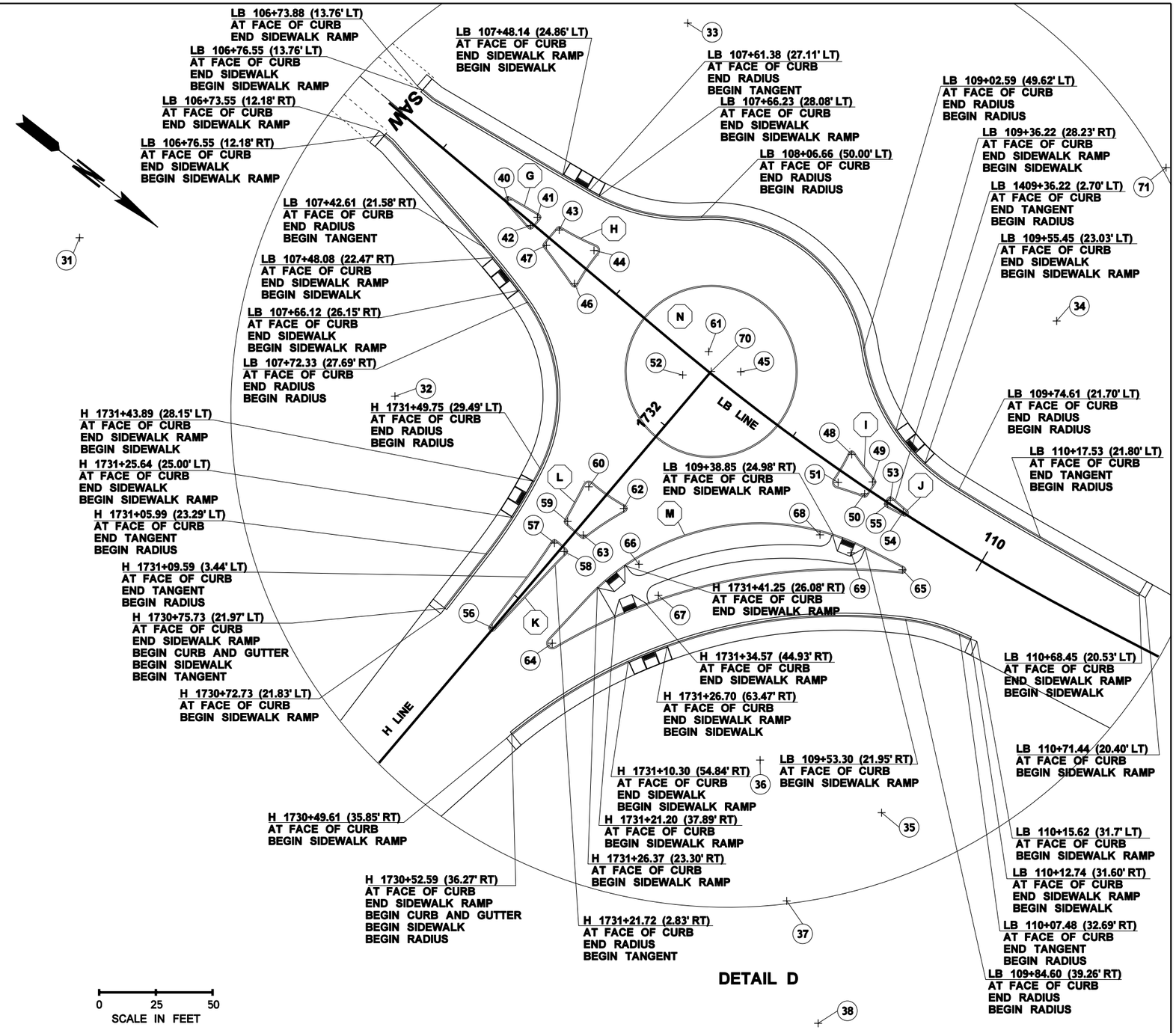
PAVING PLAN

Plot 9

PLAN REF NO PP9

SHEET OF SHEETS

TRAFFIC ISLAND	RADIUS POINT	STATION & OFFSET	RADIUS AT FACE OF CURB	RADIUS AT BACK OF CURB	RADIUS AT SIDEWALK
-	31	H 1730+96.10 (250.66' LT)	227.59'	227.05'	221.05'
-	32	H 1731+32.81 (99.34' LT)	71.88'	71.34'	65.34'
-	33	LB 107+46.95 (111.89' LT)	86.00'	85.46'	79.46'
-	34	LB 109+71.46 (107.72' LT)	86.00'	85.46'	79.46'
-	35	LB 110+16.34 (118.17' RT)	86.00'	85.46'	79.46'
-	36	LB 109+64.74 (125.99' LT)	107.77'	104.22'	-
-	37	H 1730+74.81 (176.54' RT)	-	-	157.20' / 151.20'
-	38	H 1730+11.86 (261.77' RT)	229.15'	228.61'	222.61'
-	39	LB 106+97.87 (314.62' RT)	296.43'	295.89'	289.89'
G	40	LB 107+36.60 (1.09' LT)	1.50'	.96'	-
G	41	LB 107+51.46 (3.62' LT)	1.50'	.96'	-
G	42	LB 107+51.47 (1.18' RT)	1.50'	.96'	-
H	43	LB 107+62.47 (5.49' LT)	1.50'	.96'	-
H	33	LB 107+46.95 (111.89' LT)	106.00'	106.54'	-
H	44	LB 107+79.95 (8.53' LT)	2.50'	1.96'	-
H	45	LB 108+64.27 (8.83' LT)	81.54'	82.00'	-
H	46	LB 107+82.83 (8.24' RT)	2.50'	1.96'	-
H	39	LB 106+97.87 (314.62' RT)	316.43'	316.97'	-
H	47	LB 107+62.48 (3.32' RT)	1.50'	.96'	-
I	48	LB 109+25.86 (8.69' LT)	1.50'	.96'	-
I	34	LB 109+71.46 (107.72' LT)	106.41'	106.95'	-
I	49	LB 109+40.37 (3.86' LT)	1.50'	.96'	-
I	50	LB 109+40.41 (2.40' RT)	1.50'	.96'	-
I	36	LB 109+64.74 (125.99' LT)	124.77'	125.31'	-
I	51	LB 109+28.00 (4.87' RT)	2.50'	1.96'	-
I	52	LB 108+45.20 (8.34' RT)	80.90'	81.44'	-
J	53	LB 109+51.40 (1.48' LT)	1.50'	.96'	-
J	34	LB 109+71.46 (107.72' LT)	106.41'	106.95'	-
J	54	LB 109+59.07 (0.36' LT)	-	.96'	-
J	55	LB 109+51.39 (0.51' RT)	1.50'	.96'	-
K	56	H 1730+82.65 (0.47' LT)	1.50'	.96'	-
K	31	H 1730+96.10 (250.66' LT)	247.59'	248.13'	-
K	57	H 1731+39.83 (3.67' RT)	1.50'	.96'	-
K	58	H 1731+28.85 (1.93' RT)	1.50'	.96'	-
K	36	H 1731+14.58 (127.40' RT)	124.77'	1245.31'	-
L	59	H 1731+39.94 (5.46' LT)	1.50'	.96'	-
L	31	H 1730+96.10 (250.66' LT)	247.59'	248.13'	-
L	60	H 1731+57.65 (8.26' LT)	2.50'	1.96'	-
L	61	LB 108+47.52 (6.89' LT)	77.22'	77.76'	-
L	62	H 1731+60.32 (9.70' RT)	1.50'	.96'	-
L	36	H 1731+14.58 (127.40' RT)	124.77'	125.31'	-
L	63	H 1731+39.83 (3.67' RT)	1.50'	.96'	-
M	64	H 1730+94.59 (24.11' RT)	2.50'	1.96'	-
M	36	H 1731+14.58 (127.40' RT)	104.77'	104.24'	-
M	65	LB 109+72.32 (21.45' RT)	1.50'	.96'	-
M	38	H 1730+11.86 (261.77' RT)	249.15'	249.69'	-
-	66	H 1731+45.89 (30.75' RT)	-	-	5.00'
-	67	H 1731+40.96 (46.17' RT)	-	-	5.00'
-	68	H 1731+40.96 (46.17' RT)	-	-	5.00'
-	69	LB 109+49.75 (27.41' RT)	-	-	5.00'
-	70	LB 108+53.93 (0.78' LT)	68.07'	68.61'	74.61'
N	70	LB 108+53.93 (0.78' LT)	38.00'	37.46'	-
-	71	LB 108+16.64 (1090.30' LT)	1069.93'	1069.39'	1063.39'



DETAIL D

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PV.dgn
TIME	11:15:05 AM
DATE	11/23/2009
PLOTTED BY	kerrt
DESIGNED BY	DESIGNER
ENTERED BY	CAD OPERATOR
CHECKED BY	TEAM LEAD
PROJ. ENGR.	PROJECT ENGINEER
REGIONAL ADM.	REGIONAL ADM.

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NH-0000(000)

JOB NUMBER 00Z000

CONTRACT NO.

LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE SAMPLE PROJECT

PAVING PLAN

Plot 10

PLAN REF NO PP10

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM1-1	L 1450+00.00 (47 LT) TO 1463+75.00 (74 LT)		1375														
PM1-2	L 1450+00.00 (35 LT) TO L 1520+00.00 (35 LT)		7000														
PM1-3	L 1450+00.00 (23 LT) TO L 1520+00.00 (23 LT)		7000														
PM1-4	L 1450+00.00 (11 LT) TO L 1520+00.00 (11LT)		7000														
PM1-5	L 1450+00.00 (11 LT) TO L 1520+00.00 (11 LT)		7000														
PM1-6	L 1450+00.00 (23 LT) TO L 1520+00.00 (23 LT)		7000														
PM1-7	L 1450+00.00 (35 LT) TO L 1520+00.00 (35 LT)		7000														
PM1-8	L 1450+00.00 (47 LT) TO 1470+20.00 (78RT)		2020														
PM1-9	L 1455+04 (61 LT)										1						
PM1-10	L 1457+75.26 (47 LT) TO L 1460+75.32 (53 LT)		300														
PM1-11	L 1459+97 (70 LT) AND (7 LT)										2						
PM1-12	L 1460+75.32 (53 LT) TO 1463+75.00 (74 LT)				300												
PM1-13	L 1460+75.32 (47 LT) TO L 1495+17.27 (47 LT)		3442														
PM2-1	AL 1463+75.30 (15 LT) TO AL 1483+46.29 (50.6 LT)			1970													
PM2-2	AL 1463+75.30 (0 RT) TO AL 1474+75.23 (0RT)					1100											
PM2-3	AL 1463+98 (19 LT)										1						
PM2-4	AL 1467+94 (19 LT)										1						
PM2-5	AL 1473+97 (22 LT)										1						
PM2-6	AL 1474+75.23 (0 RT) TO AL 1483+49.86 (11.4 RT)			875													
PM2-7	L 1463+98 (7 LT)										1						
PM2-8	L 1467+01.44 (47 RT) TO L 1475+21.64 (47 RT)				820												
PM2-9	L 1467+01.44 (47 RT) TO L 1470+20.00 (63 RT)		318														
PM2-10	L 1467+87 (70 RT)										1						
PM2-11	L 1473+99 (7 LT)										1						
PM2-12	L 1474+21.64 (47 RT) TO L 1507+75.45 (47 RT)		3254														
PM2-13	AR 1470+20.74 (0 LT) TO AR 1474+21.45 (0 LT)					400											
PM2-14	AR 1470+20.74 (15 RT) TO AR 1483+38.56 (88.74 RT)			1317													
PM2-15	AR 1474+21.45 (0 LT) TO1483+52.89 (1.91 LT)			931													
PM3-1	AL 1477+44.51 (12.5 LT) TO AL 1483+38.00 (12.5 LT)			593													
PM3-2	AL 1483+46.3 (50.6 LT) TO AL 1483+49.9 (11.4 RT)							144									7
PM3-3	L 1478+03 (51 RT)										1						
PM3-4	L 1478+97 (50 LT) AND 1479+02 (50 RT)										2						
PM3-5	L 1479+99 (50 LT) AND L 1480+03 (50 RT)										2						
	SHEET TOTAL		52709	5686	1120	1500		144			14						

GENERAL NOTES:

1. SEE STANDARD PLANS "M-24.40-01" TYPE 1S
2. SEE STANDARD PLANS "M-24.40-01" TYPE 2SL
3. SEE STANDARD PLANS "M-24.40-01" TYPE 2SR
4. SEE STANDARD PLANS "M-24.40-01" TYPE 3SL
5. SEE STANDARD PLANS "M-24.40-01" TYPE 3SR
6. SEE STANDARD PLANS "M-24.60.06"
7. SEE STANDARD PLANS "M-15.10-01"

DESIGNED BY	DESIGNER				REGION NO.	STATE	FED. AID PROJ. NO.	
ENTERED BY	CAD OPERATOR				10	WASH	NH-0000(000)	
CHECKED BY	TEAM LEAD				JOB NUMBER			
PROJ. ENGR.	PROJECT ENGINEER				00Z000			
REGION ADM.	REGIONAL ADM.				CONTRACT NO.			
		DATE	DATE	REVISION	SP1234			

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 1

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM3-6	L 1480+97 (50 LT) AND L 1481+03 (50 RT)										2						
PM3-7	L 1481+99 (50 LT) AND L 1482+03 (50 RT)										2						
PM3-8	L 1482+99 (50 LT) AND L 1483+03 (50 RT)										2						
PM3-9	L 1485+97 (50 LT) AND L 1486+02(50 RT)										2						
PM3-10	L 1486+47 (50 LT)										1						
PM3-11	L 1487+02 (50 RT)										1						
PM3-12	L 1488+03 (50 RT)										1						
PM3-13	L 1488+72 (50 LT) AND L 1488+74 (50 RT)										2						
PM3-14	L 1489+10 (50LT) AND L 1489+09 (50 RT)										2						
PM3-15	L 1489+97 (50 LT)										1						
PM3-16	AR 1479+16 (30 RT)										1						
PM3-17	AR 1479+64.57 (13 RT) TO AR 1483+44.00 (13 RT)			379													
PM3-18	AR 1480+94.79 (26 RT) TO AR 1483+73.47 (26 RT)					279											
PM3-19	AR 1480+94.79 (26 RT) TO AR 1483+73.47 (55.75 RT)					280											
PM3-20	AR 1481+45 (6.5 RT) AND (19.5 RT)									2							2
PM3-21	AR 1481+45 (39.5 RT)									1							3
PM3-22	AR 1481+64 (28 RT)										1						
PM3-23	AR 1428+44 (28 RT)										1						
PM3-24	AR 1482+90 (6.5 RT) AND (19.5 RT)									2							2
PM3-25	AR 1483+44 (0 RT) TO (26 RT)								26								6
PM3-26	AR 1483+52.90 (1.9 LT) TO AR 1483+51.95 (30 RT)							80									7
PM3-27	AR 1482+90 (55.5 RT)									1							3
PM3-28	AR 1483+41.89 (52.4 RT) TO AR 1483+33.47 (80.7 RT)								30								6
PM3-29	AR 1483+50.3 (49.8 RT) TO AR 1483+38.6 (88.7 RT)							96									7
PM3-30	AR 1483+73.47 (26 RT) TO 55.75 RT)					30											
PM3-31	LB 126+15 (43 LT)										1						
PM3-32	LB 126+38 (37.5 LT), (22.5 LT) AND (36.75 RT)									3							1
PM3-33	LB 126+38 (6.75 RT) AND 21.75 RT)									2							2
PM3-34	LB 126+38 (51.75 RT)									1							5
PM3-35	LB 126+38 (66.75 RT)									1							3
PM3-36	LB 126+86 (1 RT) TO (84.5 RT)								84								6
PM3-37	LB 127+27 (42 LT)										1						
PM3-38	LB 127+73.47 (66 LT) TO LB 129+72.46 (64.34 LT			225													
PM3-39	LB 127+74 (44 LT)										1						
PM3-40	LB 127+72.07 (72.9 RT) TO LB 129+67.7 (68 RT)			207													
PM3-41	LB 127+70 (67 RT)										1						
PM3-42	LB 127+93.37 (42 LT) TO (18 LT)								24								6
PM3-43	LB 127+93.37 (30 LT) TO LB 129+38.54 (30 LT)			145													
PM3-44	LB 127+93.37 (18 LT) TO LB 129+38.54 (18 LT)					145											
PM3-45	LB 128+06.35 (18 LT) TO (8 RT)								26								6
PM3-46	LB 128+06.35 TO LB 129+38.54 (5 LT)			132													
	SHEET TOTAL			1088		734		176	190	13	23						

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD					**JOB NUMBER**		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 2

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM3-47	LB 128+06.35 TO LB 129+38.54 (8 RT)					132											
PM3-48	LB 128+06.35 TO LB 129+38.54 (21 RT)			132													
PM3-49	LB 128+06.35 TO LB 129+50.42 (34 RT)					145											
PM3-50	LB 128+06.35 TO LB 129+50.42 (46 RT)			145													
PM3-51	LB 128+41 (36 LT) AND (24 LT)									2							1
PM3-52	LB 128+55 (11.5 LT) AND (1.5 RT)									2							2
PM3-53	LB 128+88 (14.5 RT) AND (27.5 RT)									2							2
PM3-54	LB 129+01 (40 RT) AND (52 RT)									2							1
PM3-55	LB 129+38.54 (8 RT) TO (34 RT)								26								6
PM3-56	LB 129+50.42 (34 RT) TO (58 RT)								24								6
PM3-57	LB 129+74 (60 RT)										1						
PM3-58	LB 129+77 (52 LT)										1						
PM3-59	LB 130+32.18 (74.89 LT) TO LB 140+98.66 (112.7 LT)			1076													
PM3-60	LB 130+40.91 (22.1 RT) TO LB 133+25.90 (20.4 RT)					570											
PM3-61	LB 130+17 (48 RT)										1						
PM3-62	LB 130+40.91 (22.1 RT) TO LB 133+25.90 (20.4 RT)	GORE															
PM3-63	LB 130+45.38 (46 RT) TO 133+06.36 (36.6 RT)			261													
PM3-64	LB 130+71.86 (80.5 RT) TO LB 143+23.45 (12.8 RT)			1313													
PM3-65	LB 130+73.86 (48.18 LT) TO 11.42 RT)								60								6
PM3-66	LB 130+73.86 (30 LT) TO LB 133+25.90 (24.6 LT)					252											
PM3-67	LB 130+73.86 (18.6 LT) TO LB 133+25.90 (9.6 LT)					252											
PM3-68	LB 130+73.86 (3.6 LT) TO LB 133+25.90 (5.4 RT)			252													
PM3-69	LB 131+24 (37.5 LT)									1							5
PM3-70	LB 131+24 (23.2 LT), (38.6 RT) AND (53.5 RT)									3							1
PM3-71	LB 131+24 (9.1 LT) AND (5.1 RT)									3							2
PM3-72	LB 131+60 (48 LT) AND LB 131+61 (64 RT)										2						
PM3-73	BL 1484+75.62 (64.5 LT) TO (26 LT)					39											
PM3-74	BL 1484+75.62 (64.5 LT) TO BL 1485+34.67 (26 LT)					179											
PM3-75	BL 1484+75.62 (26 LT) TO BL 1488+60.62 (26 LT)					385											
PM3-76	BL 1484+85.62 (26 LT) TO (2.7 RT)								29								6
PM3-77	BL 1484+85.62 (13 LT) TO BL 1490+26.22 (13 LT)			464													
PM3-78	BL 1484+85.62 (2.7 RT) TO BL 1495+17.62 (0 RT)			1032													
PM3-79	BL 1484+84.33 (62.6 LT) TO BL 1484+98.12 (101.5 LT)								41								6
PM3-80	BL 1484+98.12 (101.5 LT) TO BL 1500+10.65 (15 LT)			X													
PM3-81	BL 1485+16 (5 RT) AND BL 1486+05 (55 LT)										2						
PM3-82	BL 1485+34.67 (58.9 LT)									1							3
PM3-83	BL 1485+34.67 (19.5 LT) AND 6.5 LT)									2							2
PM3-84	BL1488+10.00 (32. LT)									1							3
PM3-85	BL 1488+10.00 (19.5 LT) AND (6.5 LT)									2							2
PM3-86	BR 1484+91.46 (12.63 LT) TO BR 1495+18.17 (0 RT)			1027													
PM3-87	BR 1484+91.46 (12.5 RT) TO BR 1491+08.22 (12.5 RT)					617											
	SHEET TOTAL			5702		2571			180	21	7						

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD					JOB NUMBER		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					CONTRACT NO.		
		DATE	DATE	REVISION	BY	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 3

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM3-88	BR 1484+97.86 (73.98 RT) TO 1504+77.06 (15 RT)			1994													
PM4-1	BL 1495+17.62 (0 RT) TO BL 1500+10.65 (0 RT					493											
PM4-2	BL 1496+68 (19 LT)										1						
PM4-3	L 1491+54 (50 RT)										1						
PM4-4	L 1491+97 (50 LT)										1						
PM4-5	L 1492+99 (50 LT) AND L 1493+02 (50 RT)										2						
PM4-6	L 1493+97 (50 LT) AND L 1494+01 (50 RT)										2						
PM4-7	L 1494+97 (50 LT)										1						
PM4-8	L 1494+92, L 1495+02 AND L 1495+12 (50 RT)										3						
PM4-9	L 1495+17.27 (47 LT) TO L 1503+29.78 (47 LT)				813												
PM4-10	L 1495+97, L 1496+28 AND L 1496+48 (50 LT)										3						
PM4-11	L 1500+09.79 (78 LT) TO L 1520+00.00 (47 LT)		1991														
PM4-12	L 1500+09.79 (63 LT) TO L 1503+29.78 (47 LT)				320												
PM4-13	L 1504+76.00 (59 RT) TO L 1507+75.45 (53 RT)				300												
PM4-14	L 1504+76.00 (74 RT) TO L 1520+00.00 (47 RT)		1524														
PM4-15	BR 1495+18.17 (0 RT) TO BR 1504+77.06 (0 RT)					959											
PM4-16	BR 1495+21 (18 RT)										1						
PM5-1																	
PM5-2																	
PM5-3	L 1507+75.45 (53 RT) TO L 1510+75.44 (47 RT)		300														
PM5-4																	
PM5-5																	
PM5-6																	
PM5-7																	
PM5-8																	
PM5-9																	
PM6-1	H 1728+70 (12 LT) TO H 1731+64.88 (30.57 LT)			294													
PM6-2	H 1728+70 (12 RT) TO H 17321+20.46 (55.45 RT)			256													
PM6-3	H 1728+70 (0 LT) TO H 1731+64.88 (16.98 LT)					294											
PM6-4	H 1728+80 (5.3 RT)									1							5
PM6-5	H 1729+73.05 (0 RT) TO H 1731+68.92 (19.54 RT)					196											
PM6-6	H 1730+19.93 (14.17 RT) TO H 1731+68.92 (33.18 RT)					152											
PM6-7	H 1730+19.93 (14.17 RT) TO H 1731+20.46 (55.46 RT)					111											
PM6-8	H 1730+25 (8.4 RT)									1							1
PM6-9	H 1730+25 (21.7 RT)									1							3
	SHEET TOTAL		3815	2544	1433	2205				3	15						

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR					**JOB NUMBER**		
CHECKED BY	TEAM LEAD					00Z000		
PROJ. ENGR.	PROJECT ENGINEER					**CONTRACT NO.**		
REGION ADM.	REGIONAL ADM.					SP1234		
		DATE	**DATE**	**REVISION**	**BY**			

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 4

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM6-10	H 1731+26.69 (43.7 RT) TO H 1731+19.38 (57.5 RT)							48									7
PM6-11	H 1731+34 (24.6 LT) TO (4.5 LT)							48									7
PM6-12	H 1731+34 (5.8 RT) TO 23.3 RT)							48									7
PM6-13	H 1731+44 (16.5 RT)									1							3
PM6-14	H 1731+64.88 (17 LT) TO H 1731+68.92 (19.5 RT)					37											
PM6-15	LB 132+80 (33.6 LT)									1							5
PM6-16	LB 132+80 (18.6 LT)									1							1
PM6-17	LB 132+80 (3.5 LT) AND (11.6 RT)									2							2
PM6-18	LB 133+25.90 (24.6 LT) TO LB 139+35.91 (12 LT)			610													
PM6-19	LB 133+25.90 (9.6 LT) TO LB 134+19.70 (6.5 LT)			94													
PM6-20	LB 133+25.90 (20.4 RT) TO LB 140+82.371(18.5 RT)					756											
PM6-21	LB 133+25.90 (20.4 RT) TO LB 136+65.5 (.7 RT)					340											
PM6-22	LB 133+25.90 (20.4 RT) TO LB 136+65.49 (.7 RT)	GORE															
PM6-23																	
PM6-24	LB 139+35.91 (12 LT) TO LB 141+29.71 (97.41 LT)					240											
PM6-25	LB 139+35.91 (0.5 LT) TO LB 140+79.02 (14.6 LT)					145											
PM6-26	LB 139+91.4 (13.4 LT) TO LB 141+07.86 (106.4 LT)					157											
PM6-27	LB 140+18 (11.4 RT)									1							3
PM6-28	LB 140+53 (21 LT) TO (4.5 LT)							48									7
PM6-29	LB 140+53 (5.5 RT) TO (23 RT)							18									7
PM6-30	LB 140+79.02 (14.6 LT) TO LB 140+82.37 (18.5 RT)					33											
PM6-31	LB 141+06 (39 LT)									1							4
PM6-32	LB 141+46.07 (0.8 RT) 50' RADIUS																
PM6-33	LB 141+46.07 (0.8 RT) 38' TO 50' RADIUS	GORE															
PM6-34																	
PM6-35	LB 141+76.87 (65.4 LT) TO LB 143+23.45 (11.2 LT)					166											
PM6-36	LB 141+88 (39 LT)									1							4
PM6-37	LB 141+88 (39 RT)									1							4
PM6-38	LB 142+09.20 (16.3 LT) TO LB 142+13.06 (18 RT)					35											
PM6-39	LB 142+09.20 (16.3 LT) TO LB 142+98.82 (0.8 RT)					90											
PM6-40	LB 142+13.06 (18 RT) TO 143+23.45 (0.8 RT)					110											
PM6-41	LB 142+43 (23 LT) TO (5.6 LT)							48									7
PM6-42	LB 142+43 (7.6 RT) TO (25 RT)							48									7
PM6-43	LB 142+65 (10.3 LT)									1							2
PM7-1	MSB 499+27.96 (12 LT) TO MSB 503+60.17 (25.88 LT)			432													
PM7-2	MSB 499+27.96 (0 RT) TO MSB 503+62.61 (2.5 RT)					435											
PM7-3	MSB 499+27.96 (12 RT) TO MSB 506+92.06 (86.85 RT)			764													
PM7-4	MSB 500+56 (0 RT) TO MSB 503+62.61 (2.5 RT)					307											
PM7-5	MSB 500+56 (0 RT) TO MSB 503+62.61 (2.5 RT)	GORE															
	SHEET TOTAL			1900		2851		306		10							

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD					**JOB NUMBER**		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 5

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM7-6	MSB 503+62.61 (0 LT) TO MSB 504+77.44 (6 LT)			115													
PM7-7	MSB 504+77.44 (18 LT) TO MSB 506+86.17 (52 LT)			209													
PM7-8	MSB 504+77.44 (6 LT) TO MSB 506+83.03 (6 LT)					206											
PM7-9	MSB 504+77.44 (6 RT) TO MSB 506+83.03 (6 RT)					206											
PM7-10	MSB 504+77.44 (18 RT) TO MSB 507+16.57 (18 RT)					239											
PM7-11	MSB 505+15.00 (0 RT)									1							2
PM7-12	MSB 505+15.00 (12 RT)									1							1
PM7-13	MSB 505+15.00 (24 RT)									1							3
PM7-14	MSB 505+83.66 (18 RT) TO MSB 507+16.57 (52 RT)					137											
PM7-15																	
PM7-16	MSB 506+35 (0 RT)									1							2
PM7-17	MSB 506+35 (12 RT)									1							1
PM7-18	MSB 506+35 (39.4 RT)									1							3
PM7-19	MSB 506+83.03 (6 LT) TO (18 RT)								24								6
PM7-20	MSB 506+87.36 (44.3 RT) TO MSB 506+80.98 (73.3 RT)								30								6
PM7-21	MSB 506+86.17 (52 LT) TO MSB 506+96.90 (20.24 RT)							176									7
PM7-22	MSB 506+96.92 (43.74 RT) TO MSB 506+92.06 (86.85 RT)							96									7
PM7-23	MSB 507+16.57 (18 RT) TO (52 RT)					35											
PM7-24	OB 600+12.27 (73.91 RT) TO OB 604+75.06 (25.56 RT)			477													
PM7-25	OB 600+24.61 (41.62 LT) TO OB 604+73.37 (23.75 LT)			473													
PM7-26																	
PM7-27																	
PM7-28	OB 604+99.18 (0 LT) 35' RADIUS			172													
PM7-29	LB 118+36.50 (0 RT) TO (47.9 RT)								48								6
PM7-30	LB 118+47.65 (51.2 LT) TO LB 118+46.56 (49.8RT)							240									7
PM7-31	LB 119+86.47 (54.5 LT) TO BL 126+87.44 (79.1 LT)			701													
PM7-32	LB 120+09.73 (58.5 RT) TO LB 126+86.00 (84.5 RT)			676													
PM7-33	LB 120+33.75 (36 LT) TO (12 RT)							48									7
PM7-34	LB 120+33.75 (24 LT) TO LB 122+90.50 (30 LT)					257											
PM7-35	LB 120+33.75 (12 LT) TO LB 127+16.74 (30 LT)			683													
PM7-36	LB 120+33.75 (0 LT) TO LB 122+90.50 (0 LT)					257											
PM7-37	LB 120+33.75 (12 RT) TO LB 127+23.95 (7.45 LT)					690											
PM7-38	LB 120+33.75 (24 RT) TO LB 126+86.00 (46 RT)			652													
PM7-39	LB 120+83 (30 LT)									1							3
PM7-40	LB 120+83 (18 LT) AND (6 LT)									2							1
PM7-41	LB 120+83 (6 RT)									1							2
PM7-42																	
PM7-43																	
PM7-44																	
PM7-45	LB 122+40 (34 LT)									1							3
PM7-46	LB 122+40 (20.5 LT) AND (6.5 LT)									2							1
	SHEET TOTAL			4158		2027		560	102	13							

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD					**JOB NUMBER**		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 6

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM7-47	LB 122+40									1							
PM7-48																	
PM7-49	LB 124+19.42 (49 RT) TOLB 126+86 (61 RT)				267												
PM7-50	LB 124+60 (28.3 RT)									1							1
PM7-51	LB 124+60 (43.4 RT)									1							5
PM7-52	LB 124+60 (58.4 RT)									1							3
PM7-53																	
PM7-54	LB 124+84.36 (7.8 LT) TO LB 127+23.95 (7.45 LT)					240											
PM7-55	LB 124+84.36 (7.8 LT) TO LB 127+23.95 (7.45 LT)	GORE															
PM7-56	LB 124+84.36 (7 RT) TO LB 126+86 (16 RT)			202													
PM7-57	LB 124+84.36 (22 RT) TO LB 126+86 (31 RT)					202											
PM7-58	LB 125+37 (2 RT) AND (17 RT)									2							3
PM7-59																	
PM7-60	MSB 507+76.57 (60 LT) TO (30 LT)					30											
PM7-61	MSB 507+76.57 (60 LT) TO MSB 510+46.09 (29.8 LT)					270											
PM7-62	MSB 507+76.57 (30 LT) TO MSB 512+52.28 (27 LT)					476											
PM7-63	MSB 507+89.30 (87.88 RT) TO MSB 521+52.07 (12 RT)			1363													
PM7-64	MSB 507+99.14 (75.28 LT) TO MSB 521+52.07 (12 LT)			1352													
PM7-65	MSB 507+99.14 (75.28 LT) TO MSB 507+95.84 (56.54 LT)								18								6
PM7-66	MSB 508+02.57 (30 LT) TO (5.7 RT)								36								6
PM7-67	MSB 508+02.57 (12.3 LT) TO MSB 512+90.00 (27 LT)					487											
PM7-68	MSB 508+02.57 (5.7 RT) TO MSB 516+94.18 (1 RT)					891											
PM7-69																	
PM7-70																	
PM7-71																	
PM7-72	MSB 508+70.00 (52.7 LT)									1							3
PM7-73	MSB 508+70.00 (21.3 LT)									1							1
PM7-74	MSB 508+70.00 (3.3 LT)									1							2
PM7-75	MSB 512+52.28 (36 LT)									1							3
PM7-76	MSB 512+52.28 (18 LT)									1							1
PM7-77	MSB 512+52.28 (0 LT)									1							2
PM7-78	MSB 513+11.87 (8.2 RT) TO MSB 516+94.18 (1 RT)					382											
PM7-79	MSB 513+11.87 (8.2 RT) TO MSB 516+94.18 (1 RT)	GORE															
PM8-1	LB 111+84.5 (12 LT) TO LB 118+47.63 (48.63 LT)			663													
PM8-2	LB 111+84.5 (0 LT) TO LB 118+36.50 (0 LT)					652											
PM8-3	LB 111+84.5 (12 LT) TO LB 114+63.56 (0 LT)					279											
PM8-4	LB 111+84.5 (12 LT) TO LB 114+63.56 (0 LT)	GORE															
PM8-5	LB 111+84.5 (12 LT) TO LB 118+46.63 (48.61 RT)			662													
PM8-6	LB 112+60.82 (18.9 RT) TO LB 118+36.50 (24 RT)			576													
	SHEET TOTAL			4818	267	3909			54	12							

						REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	DESIGNER					10	WASH	NH-0000(000)
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD					**JOB NUMBER**		
PROJ. ENGR.	PROJECT ENGINEER					00Z000		
REGION ADM.	REGIONAL ADM.					**CONTRACT NO.**		
		DATE	**DATE**	**REVISION**	**BY**	SP1234		

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 7

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE.

THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET.

GENERAL NOTES:

CODE	LOCATION ➢ \ UNIT OF MEASURE ➢	FLEXABLE GUIDE POST	PAINT LINE	PLASTIC LINE	PAINTED WIDE LINE	PLASTIC WIDE LINE		PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PAINTED DRAINAGE MARKINGS	SHOULDER RUMBLE STRIP TYPE		RAISED PAVEMENT MARKER TYPE 1			SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.		S.F.	L.F.	EACH	EACH	MI.		HUND			
PM8-7	LB 115+13.56 (11.8 RT) TO LB 118+36.5 (12 RT)					323											
PM8-8	LB 115+13.56 (35.8 RT) TO LB 118+36.5 (36 RT)					323											
PM8-9	LB 115+64.98 (6 RT)									1							2
PM8-10	LB 115+64.98 (18 RT) AND (30 RT)									2							1
PM8-11	LB 115+64.98 (42 RT)									1							3
PM8-12	LB 115+74.04 (12.1 LT) TO LB 118+36.5 (12 LT)			262													
PM8-13	LB 117+60 (6 RT)									1							2
PM8-14	LB 117+60 (18 RT) AND (30 RT)									2							1
PM8-15	LB 117+60 (42 RT)									1							3
PM8-16	MSB 516+94.18 (1 RT) TO MSB 521+52.07 (0 RT)			458													
	SHEET TOTAL			720		646				8							
	PROJECT TOTAL		56524	26616	2820	16443		1186	526	80	59						

DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGION ADM.	REGIONAL ADM.						
		DATE	**DATE**	**REVISION**		**BY**	

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	NH-0000(000)
JOB NUMBER		
00Z000		
CONTRACT NO.		
SP1234		

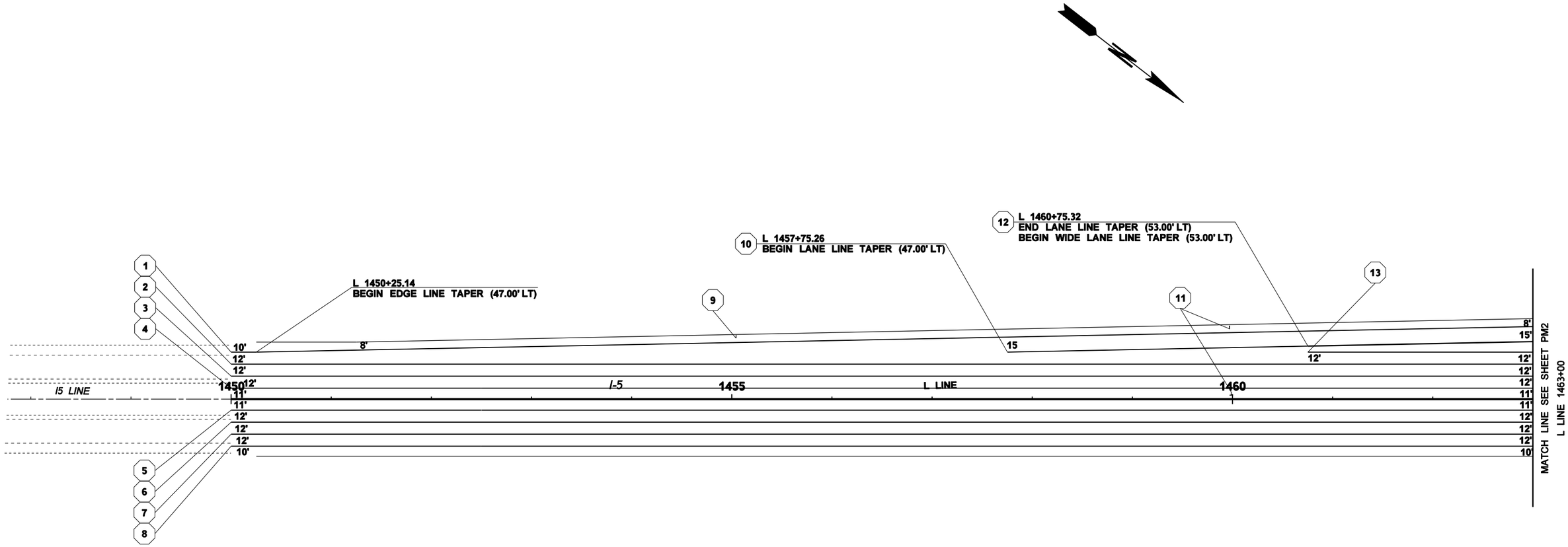
Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

QUANTITY TABULATION - PAVEMENT MARKING

QTPM 8

SHEET **OF** **SHEETS**



LEGEND

1	QUANTITY TAB NOTE
1 PM1	QUANTITY TAB NOTE CONTINUED
	EDGE OF SHOULDER
	EDGE AND LANE LINE
	WIDE LANE LINE
	STOP LINE
	CROSSWALK LINE
	TYPE 1S TRAFFIC ARROW
	TYPE 2SL (LEFT) TRAFFIC ARROW
	TYPE 2SR (RIGHT) TRAFFIC ARROW
	TYPE 3SL (LEFT) TRAFFIC ARROW
	TYPE 3SR (RIGHT) TRAFFIC ARROW
	DRAINAGE MARKING

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:50:32 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

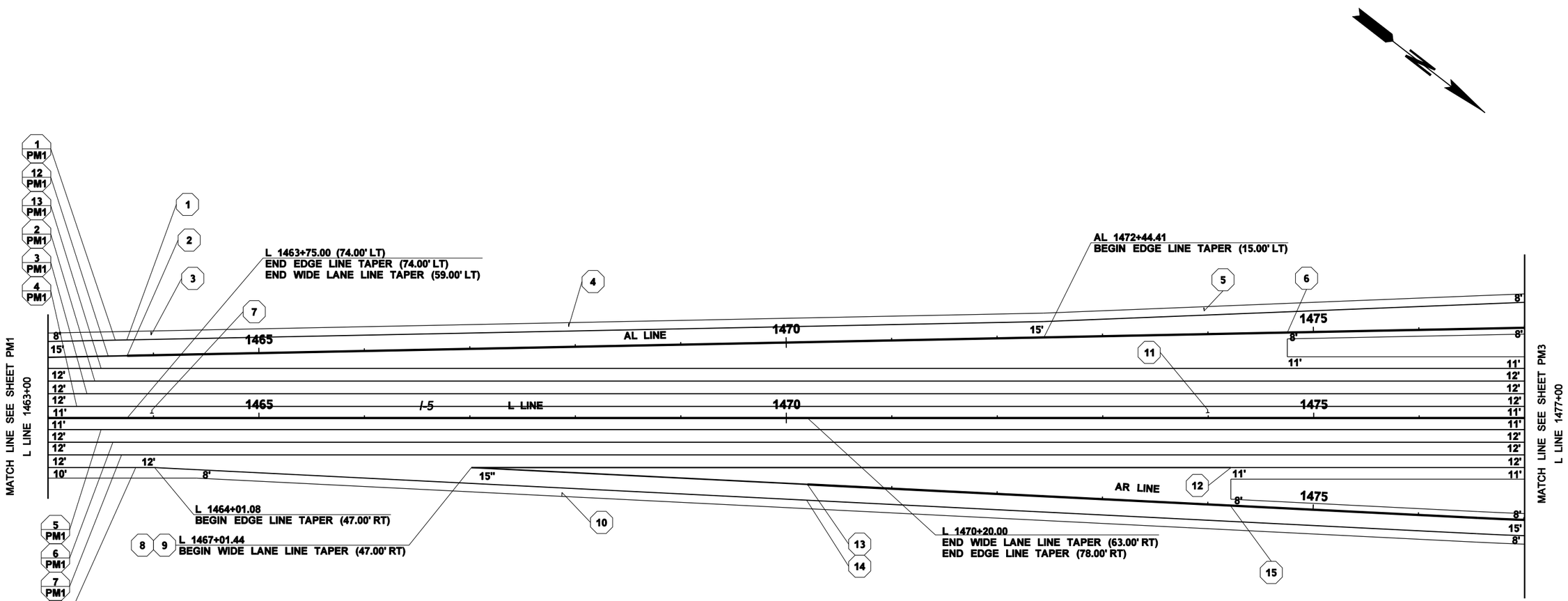
I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

PAVEMENT MARKING PLAN

Plot 1

PLAN REF NO
PM1

SHEET
OF
SHEETS



LEGEND

- (1) QUANTITY TAB NOTE
- (1 PM1) QUANTITY TAB NOTE CONTINUED
- EDGE OF SHOULDER
- EDGE AND LANE LINE
- WIDE LANE LINE
- STOP LINE
- CROSSWALK LINE
- TYPE 1S TRAFFIC ARROW
- TYPE 2SL (LEFT) TRAFFIC ARROW
- TYPE 2SR (RIGHT) TRAFFIC ARROW
- TYPE 3SL (LEFT) TRAFFIC ARROW
- TYPE 3SR (RIGHT) TRAFFIC ARROW
- DRAINAGE MARKING

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:50:33 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

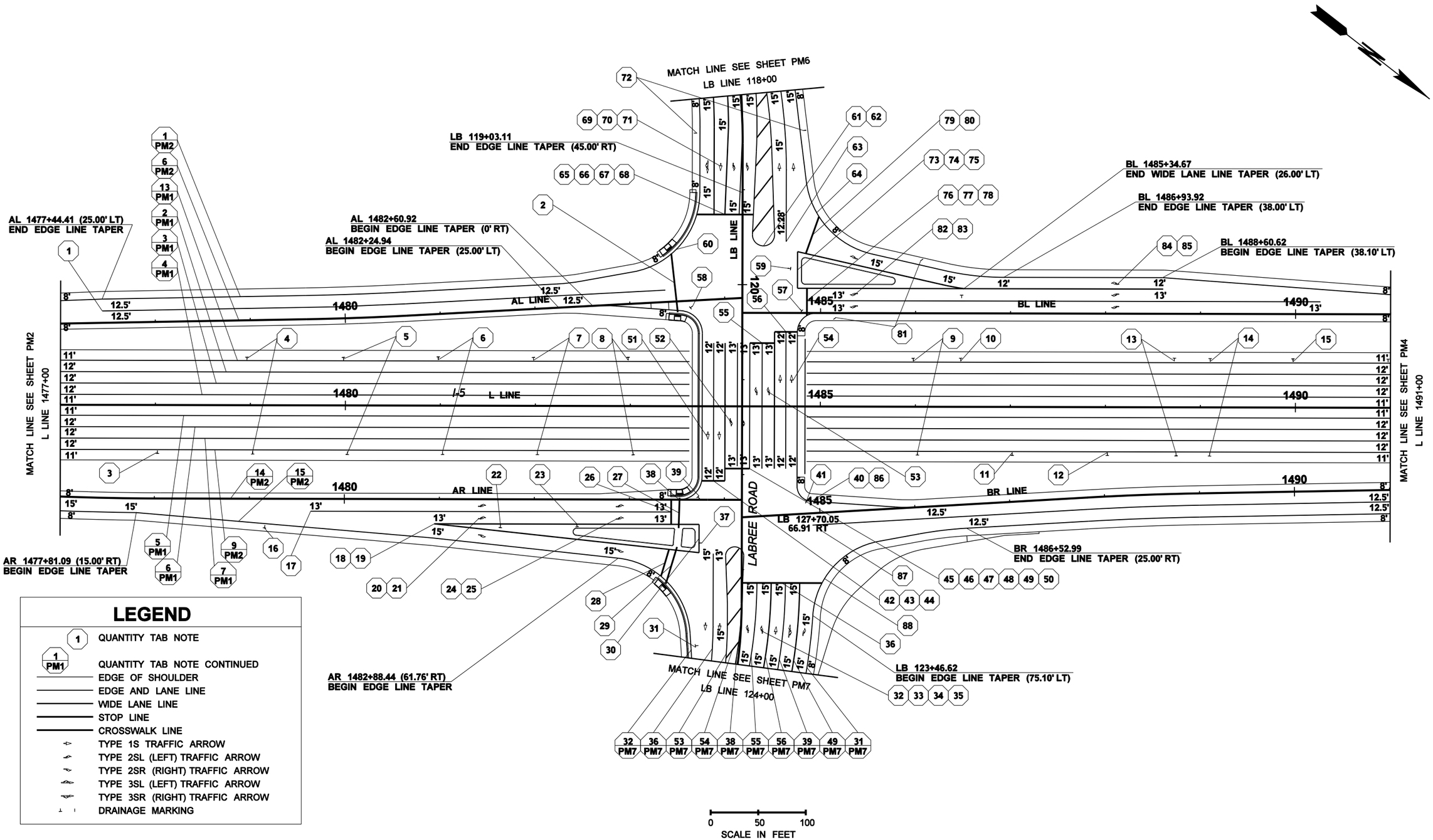
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

PAVEMENT MARKING PLAN

Plot 2

PLAN REF NO PM2

SHEET OF SHEETS



LEGEND

- (1) QUANTITY TAB NOTE
- (1 PM1) QUANTITY TAB NOTE CONTINUED
- EDGE OF SHOULDER
- EDGE AND LANE LINE
- WIDE LANE LINE
- STOP LINE
- CROSSWALK LINE
- TYPE 1S TRAFFIC ARROW
- TYPE 2SL (LEFT) TRAFFIC ARROW
- TYPE 2SR (RIGHT) TRAFFIC ARROW
- TYPE 3SL (LEFT) TRAFFIC ARROW
- TYPE 3SR (RIGHT) TRAFFIC ARROW
- DRAINAGE MARKING

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn
TIME	10:50:35 AM
DATE	11/23/2009
PLOTTED BY	kerrt
DESIGNED BY	DESIGNER
ENTERED BY	CAD OPERATOR
CHECKED BY	TEAM LEAD
PROJ. ENGR.	PROJECT ENGINEER
REGIONAL ADM.	REGIONAL ADM.

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO. NH-0000(000)

JOB NUMBER 00Z000

CONTRACT NO. | LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

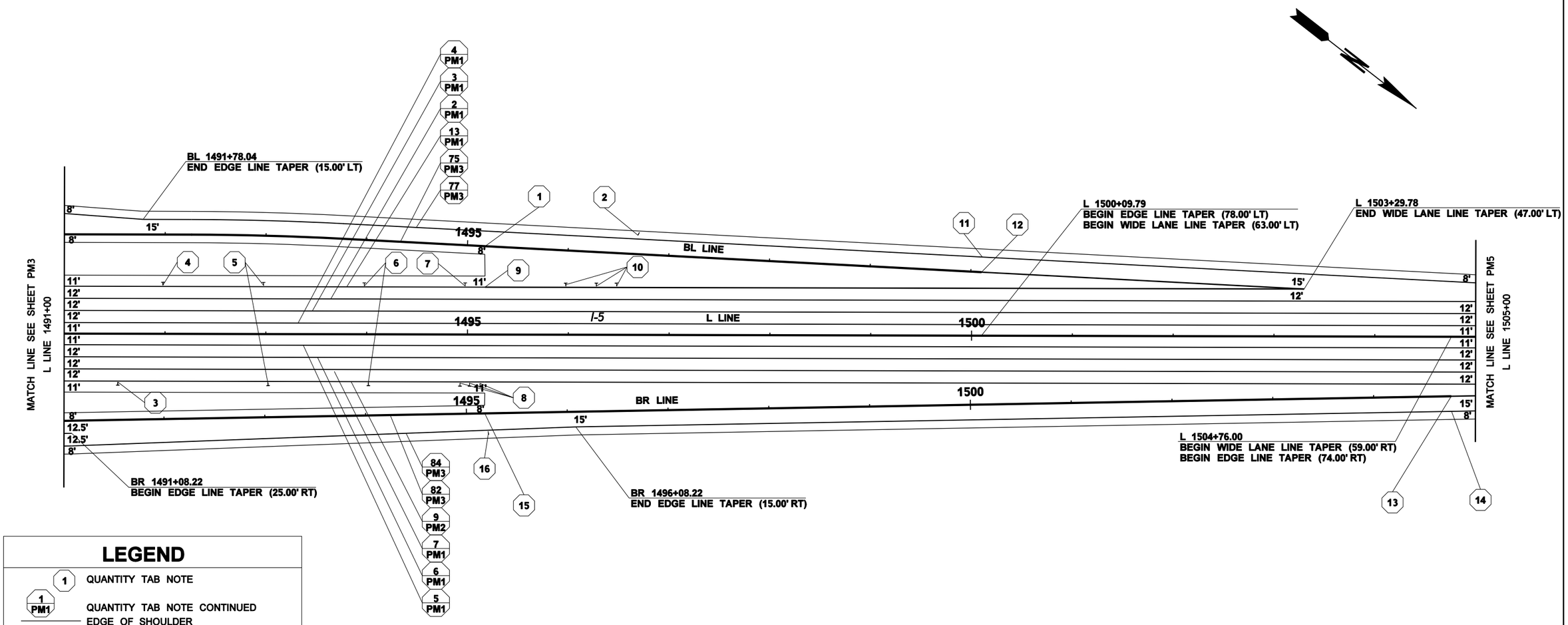
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

PAVEMENT MARKING PLAN

Plot 3

PLAN REF NO PM3

SHEET OF SHEETS



LEGEND

1	QUANTITY TAB NOTE
1 PM1	QUANTITY TAB NOTE CONTINUED
	EDGE OF SHOULDER
	EDGE AND LANE LINE
	WIDE LANE LINE
	STOP LINE
	CROSSWALK LINE
	TYPE 1S TRAFFIC ARROW
	TYPE 2SL (LEFT) TRAFFIC ARROW
	TYPE 2SR (RIGHT) TRAFFIC ARROW
	TYPE 3SL (LEFT) TRAFFIC ARROW
	TYPE 3SR (RIGHT) TRAFFIC ARROW
	DRAINAGE MARKING

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn						
TIME	10:50:37 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

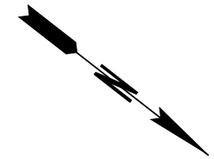
I-5 AND LABREE RD INTERCHANGE
EXAMPLE PROJECT

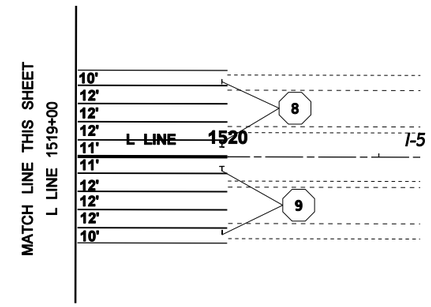
PAVEMENT MARKING PLAN

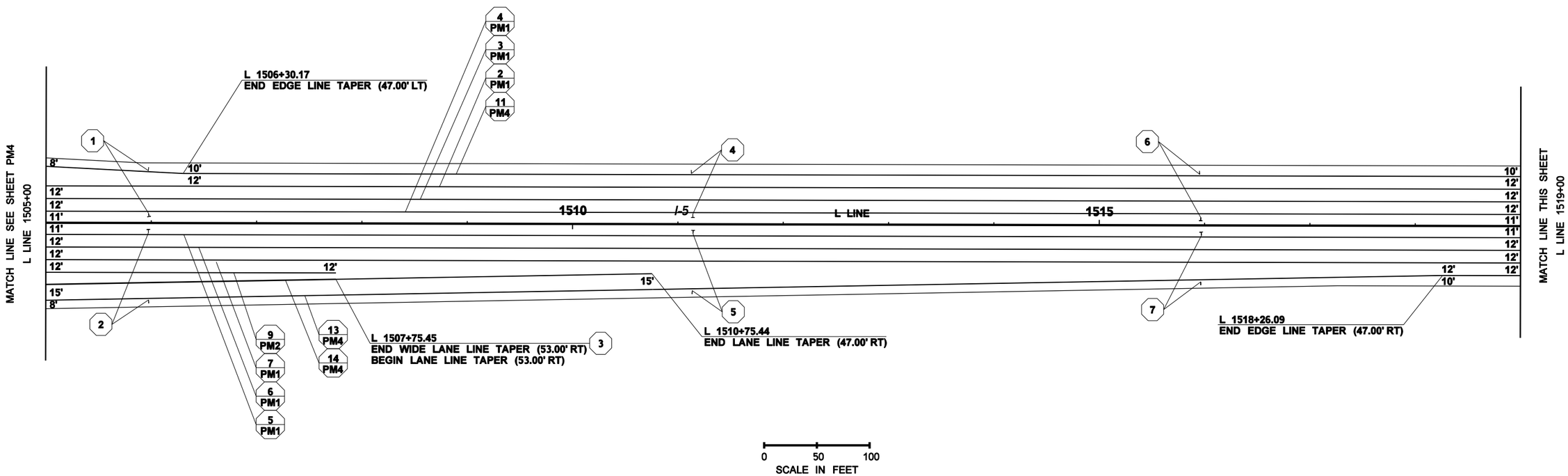
Plot 4
PLAN REF NO
PM4
SHEET
OF
SHEETS

LEGEND

- (1) QUANTITY TAB NOTE
- (1 PM1) QUANTITY TAB NOTE CONTINUED
- EDGE OF SHOULDER
- EDGE AND LANE LINE
- WIDE LANE LINE
- STOP LINE
- CROSSWALK LINE
- TYPE 1S TRAFFIC ARROW
- TYPE 2SL (LEFT) TRAFFIC ARROW
- TYPE 2SR (RIGHT) TRAFFIC ARROW
- TYPE 3SL (LEFT) TRAFFIC ARROW
- TYPE 3SR (RIGHT) TRAFFIC ARROW
- DRAINAGE MARKING







FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT
TIME	10:50:38 AM				JOB NUMBER 00Z000				
DATE	11/23/2009								
PLOTTED BY	kerrt								
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		PAVEMENT MARKING PLAN
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

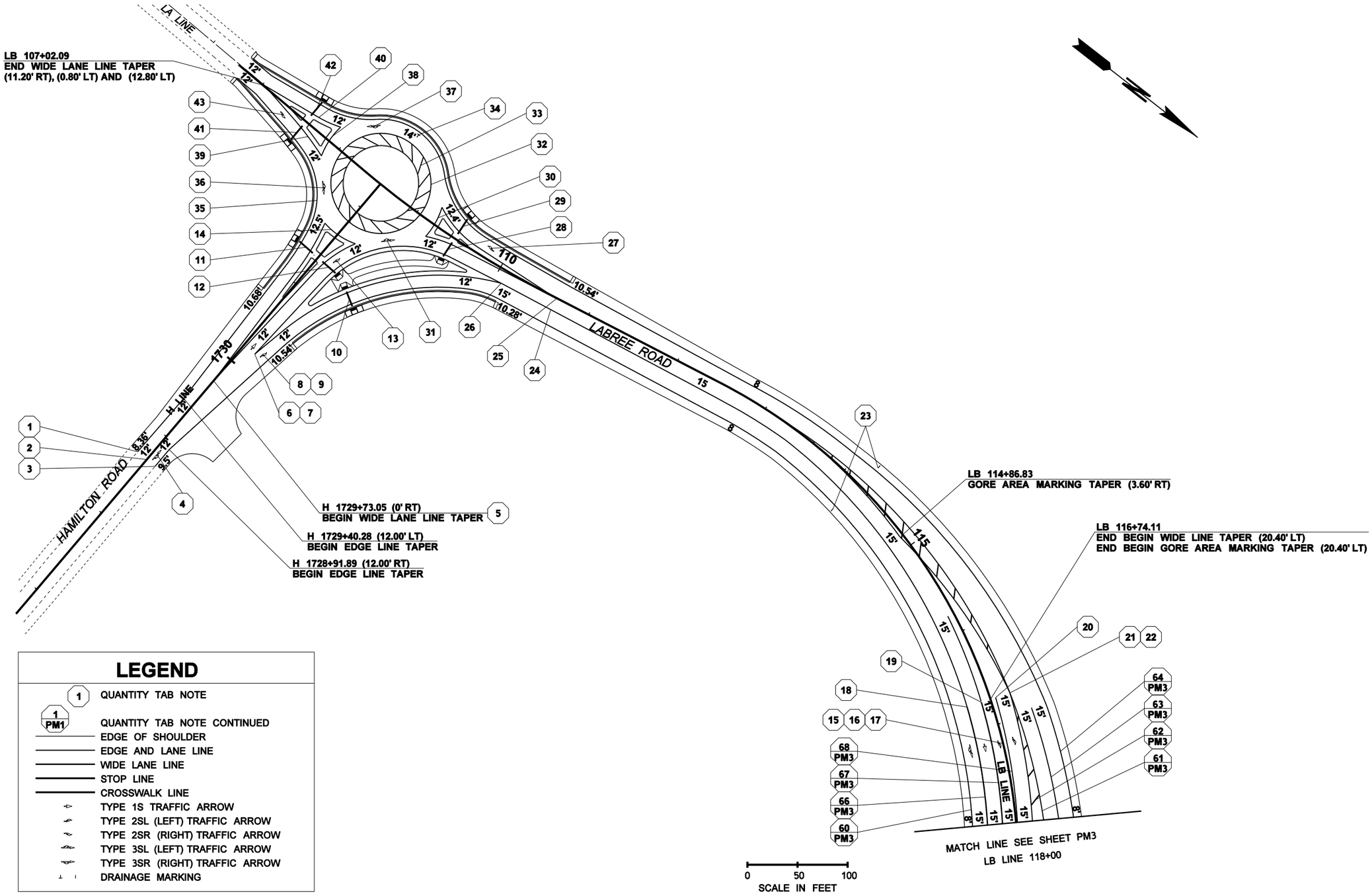
P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Plot 5

PLAN REF NO PM5

SHEET OF SHEETS



LEGEND

1	QUANTITY TAB NOTE
1 PM1	QUANTITY TAB NOTE CONTINUED
	EDGE OF SHOULDER
	EDGE AND LANE LINE
	WIDE LANE LINE
	STOP LINE
	CROSSWALK LINE
	TYPE 1S TRAFFIC ARROW
	TYPE 2SL (LEFT) TRAFFIC ARROW
	TYPE 2SR (RIGHT) TRAFFIC ARROW
	TYPE 3SL (LEFT) TRAFFIC ARROW
	TYPE 3SR (RIGHT) TRAFFIC ARROW
	DRAINAGE MARKING

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:50:40 AM				JOB NUMBER 00Z000		
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

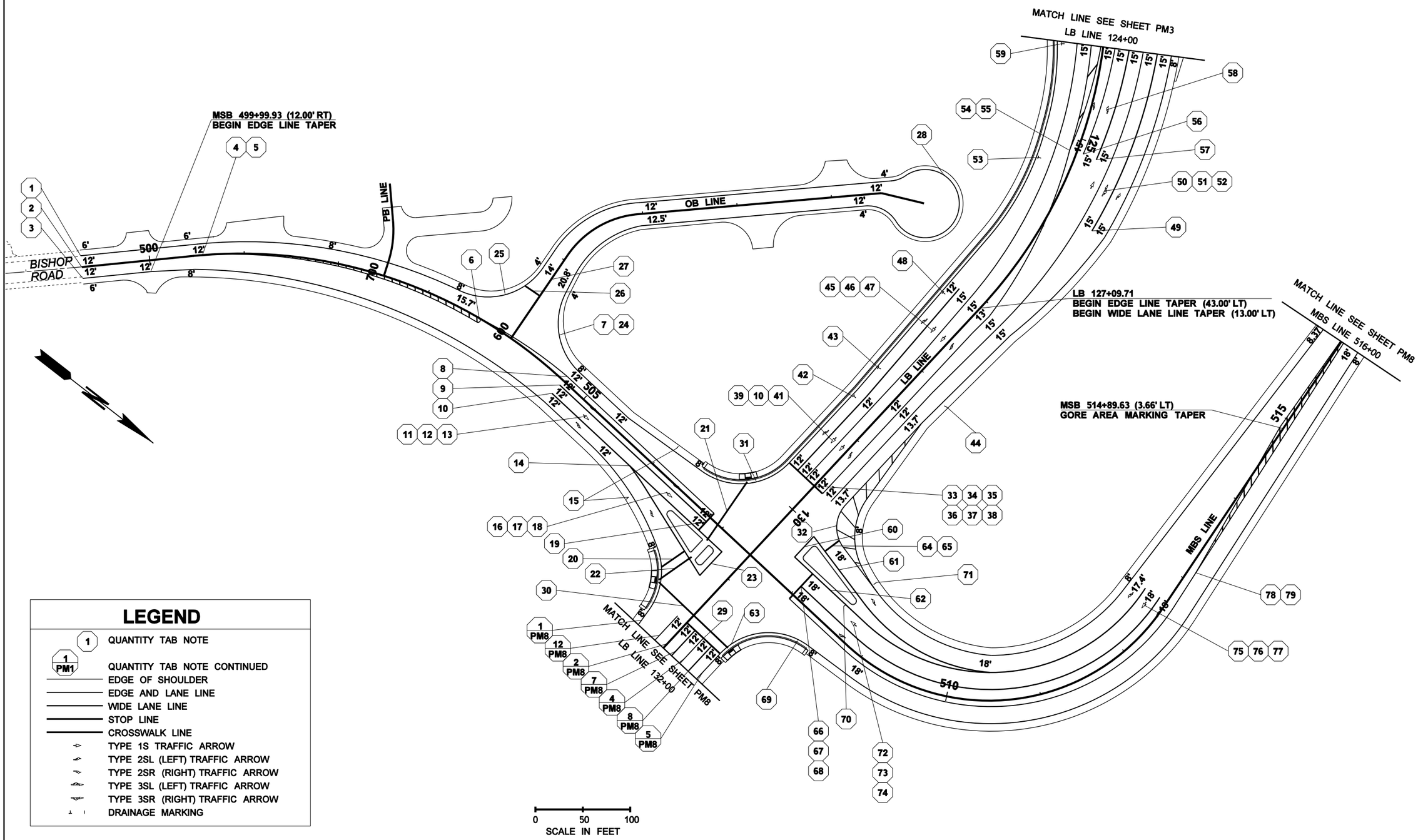
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

PAVEMENT MARKING PLAN

Plot 6

PLAN REF NO PM6

SHEET OF SHEETS



LEGEND

1	QUANTITY TAB NOTE
1 PM1	QUANTITY TAB NOTE CONTINUED
	EDGE OF SHOULDER
	EDGE AND LANE LINE
	WIDE LANE LINE
	STOP LINE
	CROSSWALK LINE
	TYPE 1S TRAFFIC ARROW
	TYPE 2SL (LEFT) TRAFFIC ARROW
	TYPE 2SR (RIGHT) TRAFFIC ARROW
	TYPE 3SL (LEFT) TRAFFIC ARROW
	TYPE 3SR (RIGHT) TRAFFIC ARROW
	DRAINAGE MARKING

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:50:41 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

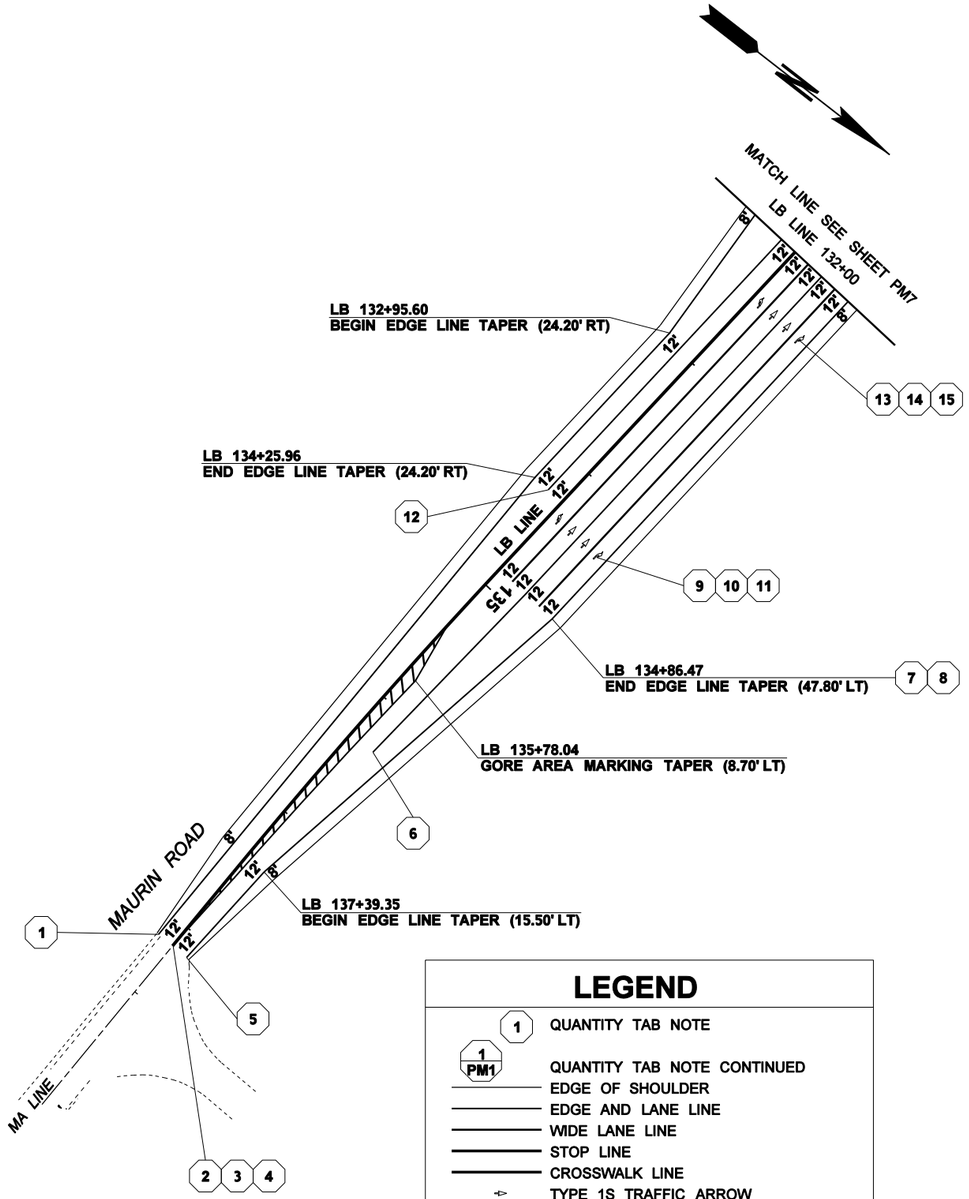
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

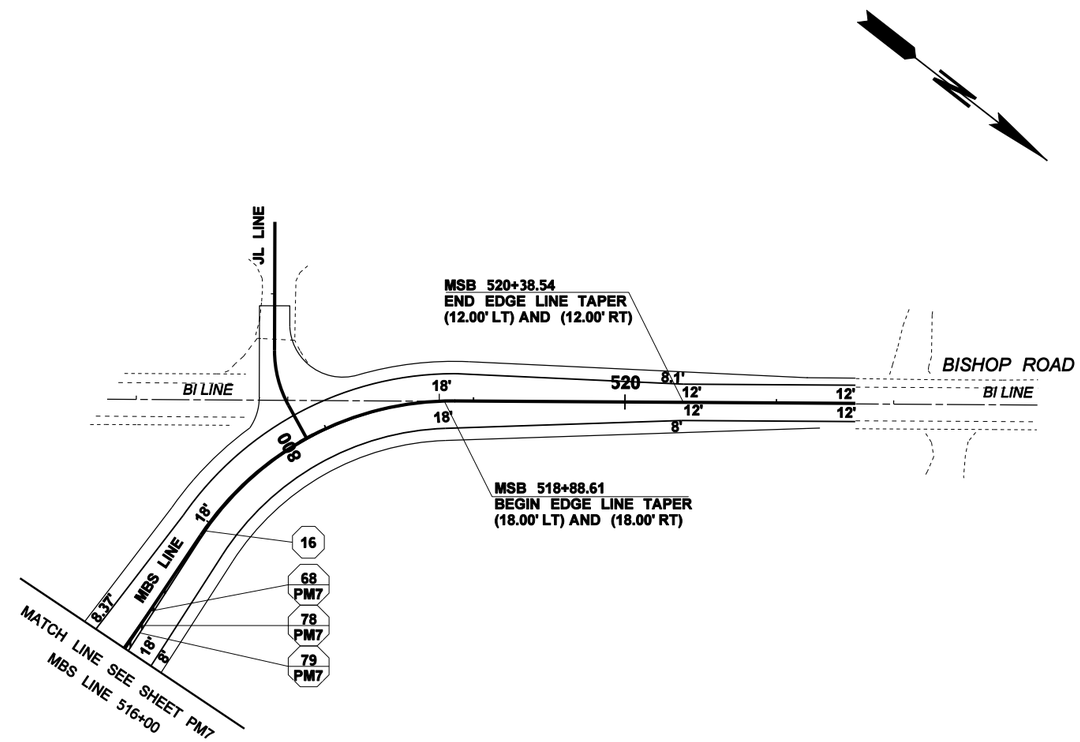
PAVEMENT MARKING PLAN

Plot 7

PLAN REF NO PM7

SHEET OF SHEETS





LEGEND

1	QUANTITY TAB NOTE
1 PM1	QUANTITY TAB NOTE CONTINUED
	EDGE OF SHOULDER
	EDGE AND LANE LINE
	WIDE LANE LINE
	STOP LINE
	CROSSWALK LINE
	TYPE 1S TRAFFIC ARROW
	TYPE 2SL (LEFT) TRAFFIC ARROW
	TYPE 2SR (RIGHT) TRAFFIC ARROW
	TYPE 3SL (LEFT) TRAFFIC ARROW
	TYPE 3SR (RIGHT) TRAFFIC ARROW
	DRAINAGE MARKING

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_PM.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:50:43 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

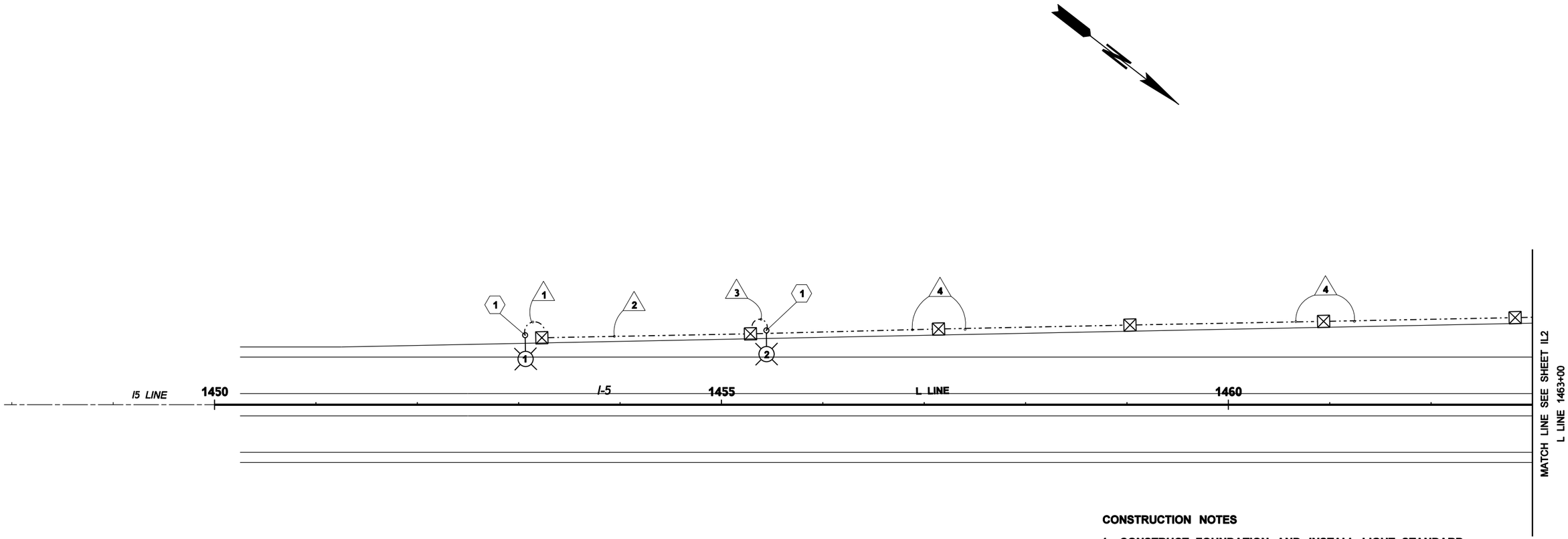
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

PAVEMENT MARKING PLAN

Plot 8

PLAN REF NO PM8

SHEET OF SHEETS



LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE

0 50 100
SCALE IN FEET

CONSTRUCTION NOTES

1 CONSTRUCT FOUNDATION AND INSTALL LIGHT STANDARD.

2 INSTALL CONDUIT USING DIRECTIONAL BORING.

3 CONSTRUCT MULTI-CABINET FOUNDATION AND INSTALL TYPE E SERVICE CABINET.

4 ROUTE CONDUIT FROM STRUCTURE TO GRADE. INSTALL EXPANSION/DEFLECTION FITTING.

5 INSTALL CONDUIT IN BARRIER. INSTALL EXPANSION/DEFLECTION FITTINGS. SEE BARRIER DETAILS.

6 INSTALLED UNDER SIGNAL PORTION. SEE SIGNAL PLANS.

7 INSTALL 8" X 8" X 16" NEMA JUNCTION BOX IN BARRIER. SEE BARRIER DETAILS.

8 CONSTRUCT FOUNDATION AND INSTALL LIGHT STANDARD ON BARRIER. SEE BARRIER PLANS.

9 SEE SIGNAL PLANS FOR CONTINUATION OF POWER CIRCUIT.

10 ROUTE CONDUIT UNDER BRIDGE STRUCTURE. SEE BRIDGE PLANS.

11 CONSTRUCT MULTI-CABINET FOUNDATION AND INSTALL TYPE B MODIFIED SERVICE CABINET.

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:33:48 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

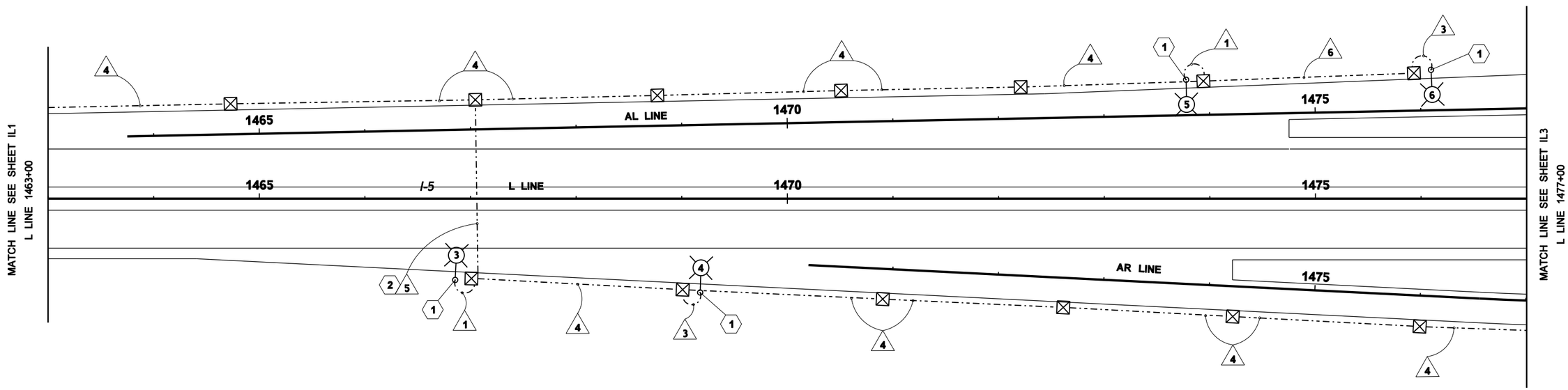
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ILLUMINATION PLAN

Plot 1

PLAN REF NO IL1

SHEET OF SHEETS



LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:33:50 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

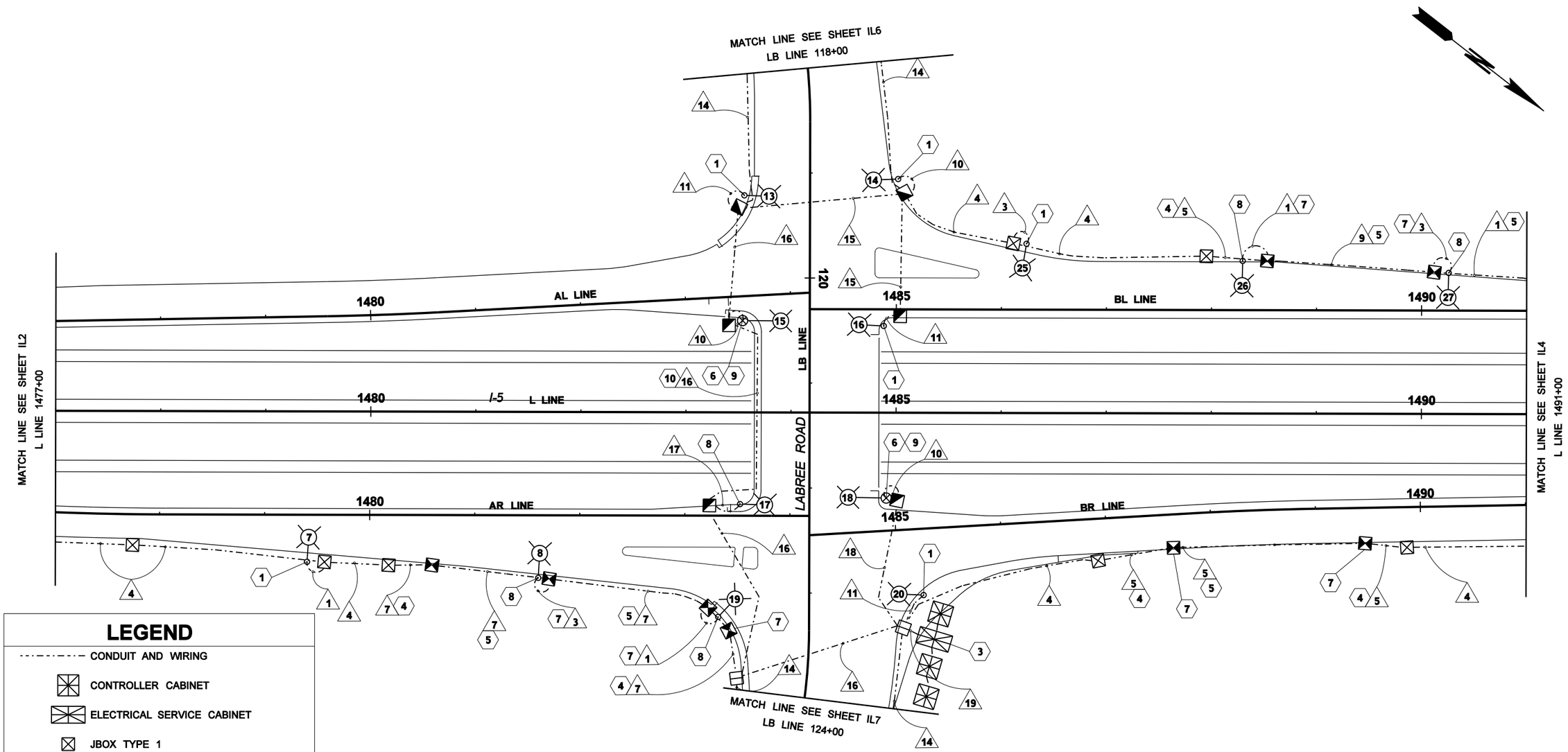
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ILLUMINATION PLAN

Plot 2

PLAN REF NO IL2

SHEET OF SHEETS



LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	Washington State Department of Transportation
TIME	10:33:51 AM							I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT
DATE	11/23/2009							
PLOTTED BY	kerrt				JOB NUMBER 00Z000			
DESIGNED BY	DESIGNER							
ENTERED BY	CAD OPERATOR							
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234	ILLUMINATION PLAN
PROJ. ENGR.	PROJECT ENGINEER							
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY				

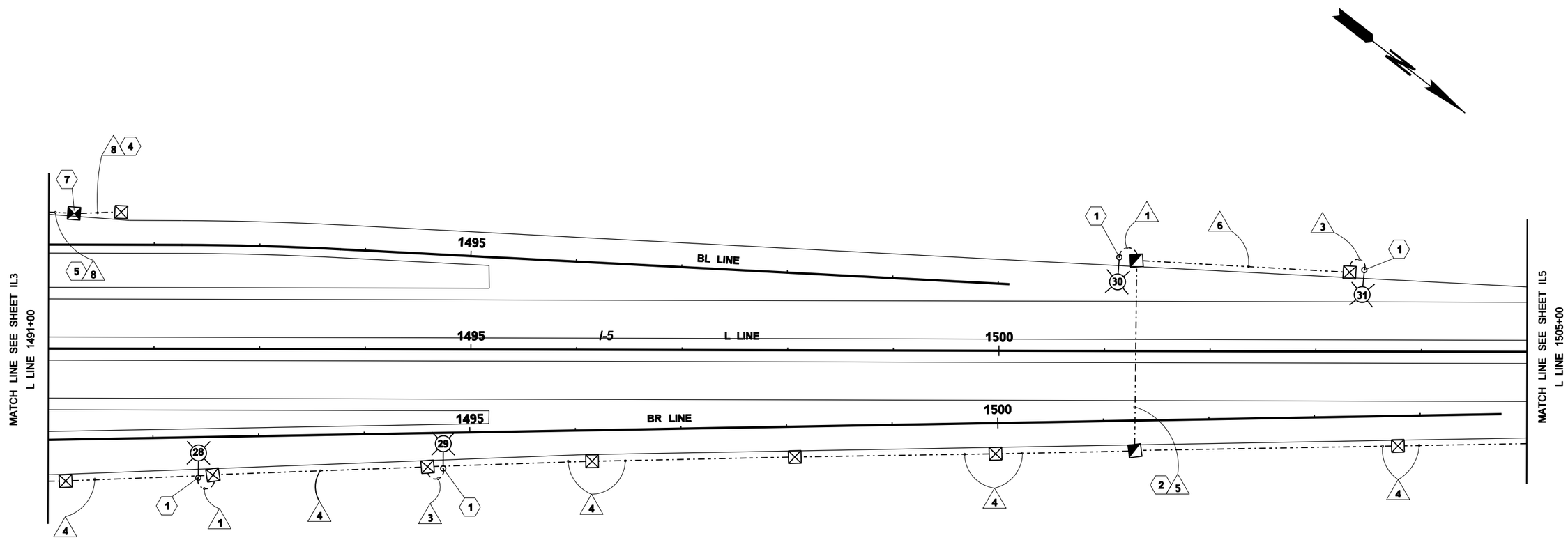
P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Plot 3

PLAN REF NO IL3

SHEET OF SHEETS



LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:33:53 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ILLUMINATION PLAN

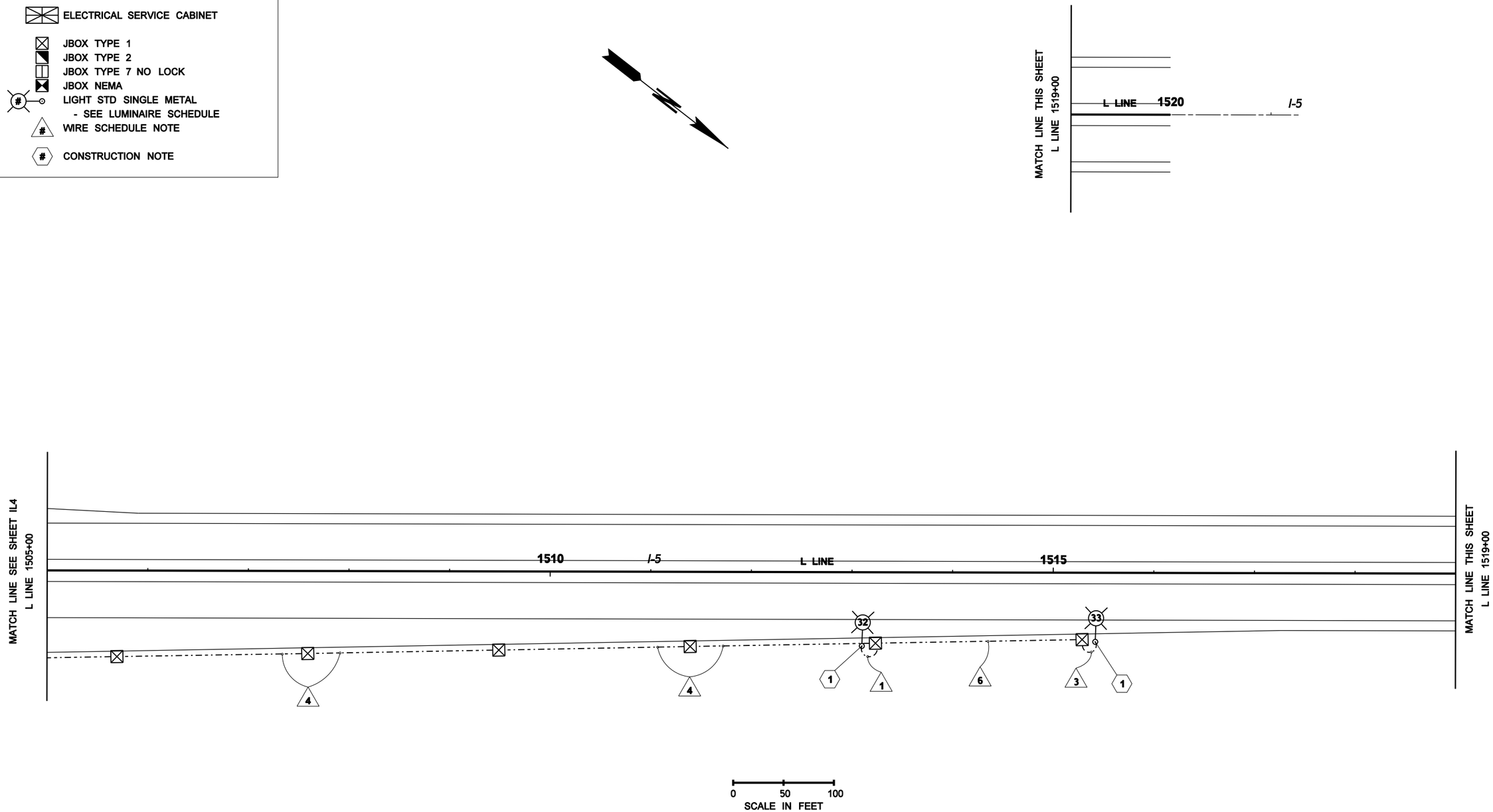
Plot 4

PLAN REF NO IL4

SHEET OF SHEETS

LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE



FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:33:54 AM				10	WASH	NH-0000(000)
DATE	11/23/2009				JOB NUMBER		
PLOTTED BY	kerrt				00Z000		
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO.
ENTERED BY	CAD OPERATOR						SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

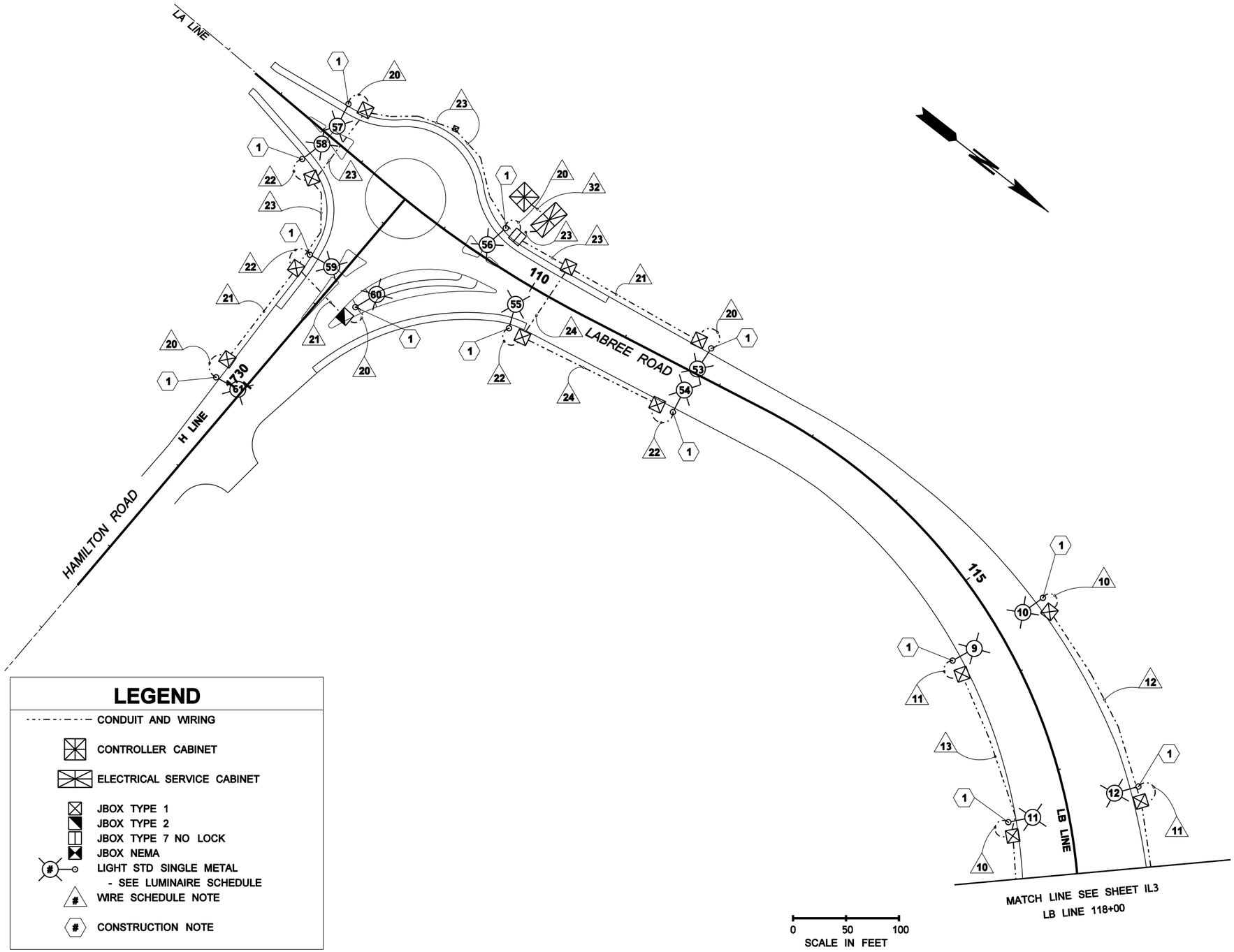
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ILLUMINATION PLAN

Plot 5

PLAN REF NO IL5

SHEET OF SHEETS



LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn						
TIME	10:33:55 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

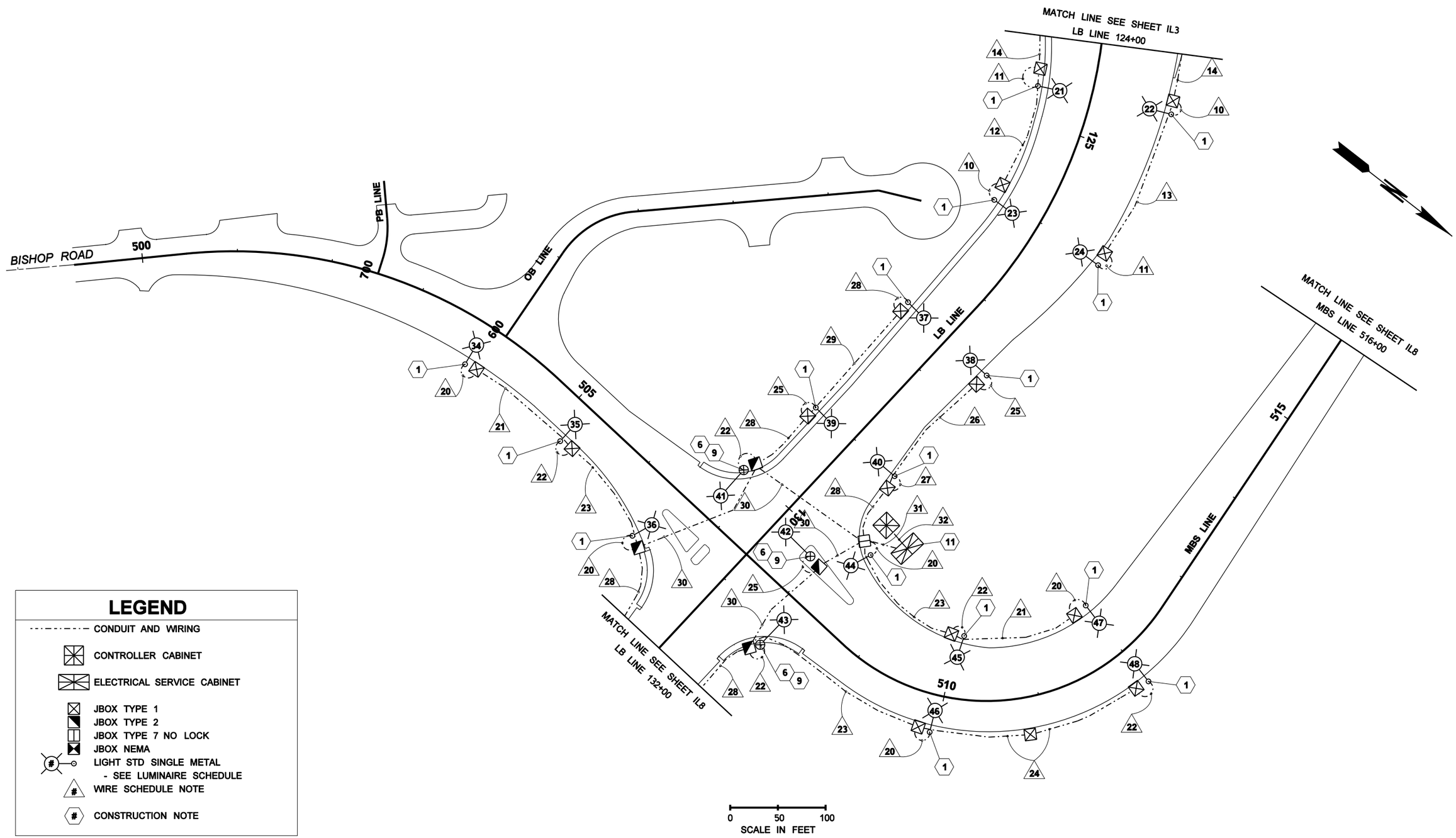
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ILLUMINATION PLAN

Plot 6

PLAN REF NO IL6

SHEET OF SHEETS



LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE
TIME	10:33:56 AM								
DATE	11/23/2009								
PLOTTED BY	kerrt				JOB NUMBER 00Z000				
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234		
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

Washington State Department of Transportation

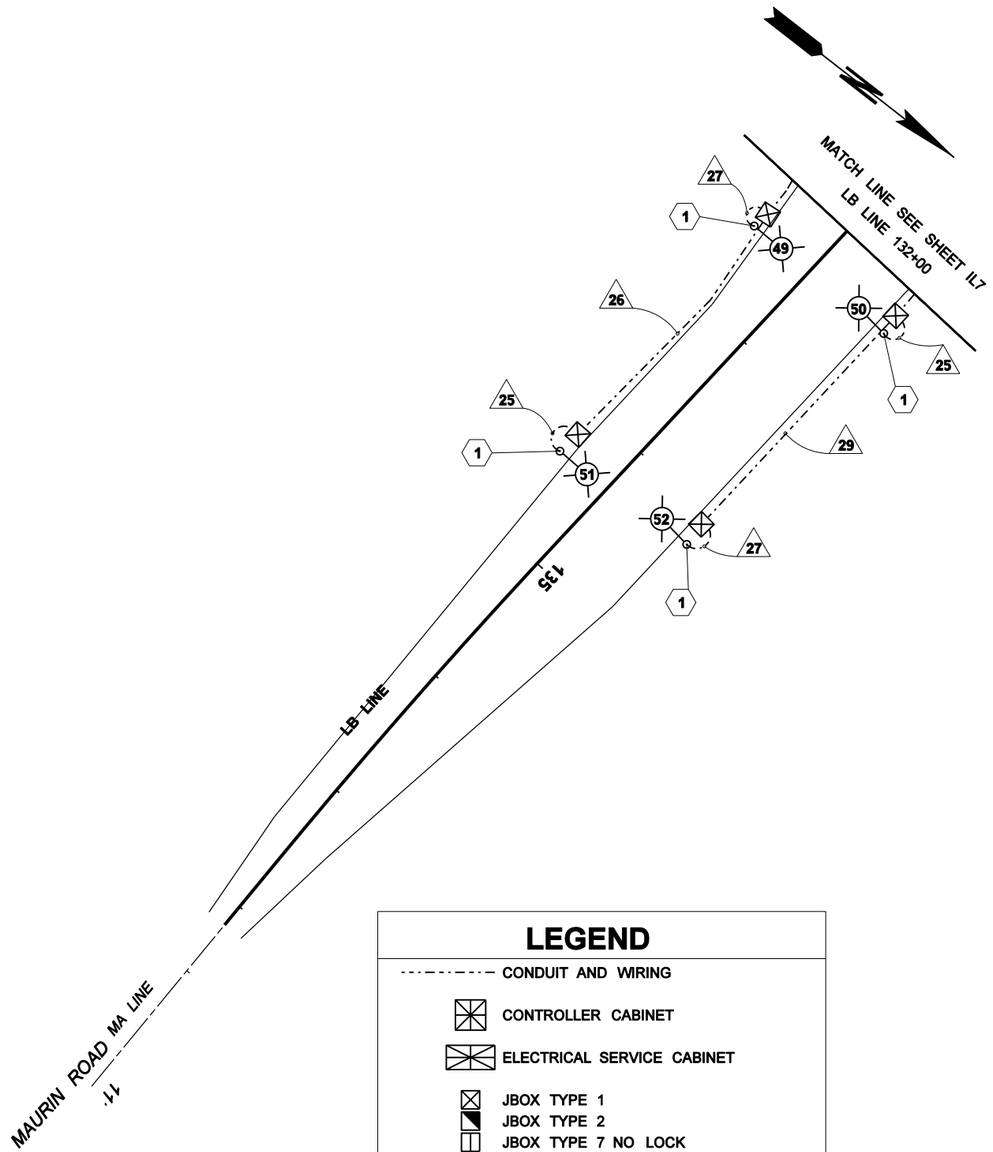
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

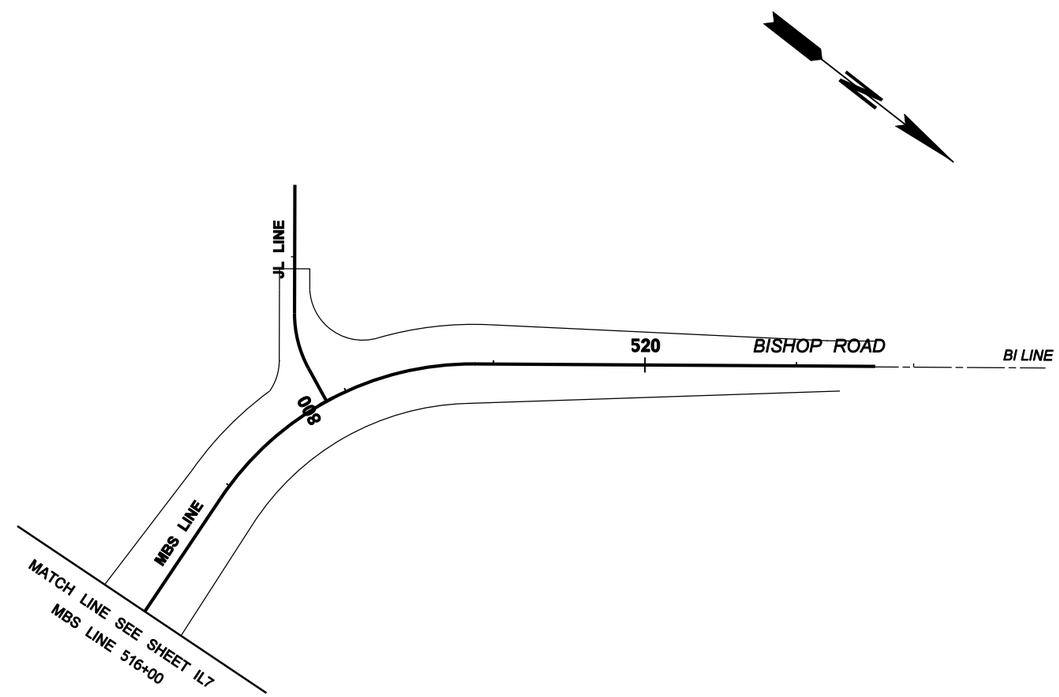
ILLUMINATION PLAN

Plot 7

PLAN REF NO IL7

SHEET OF SHEETS





LEGEND

- CONDUIT AND WIRING
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- LIGHT STD SINGLE METAL - SEE LUMINAIRE SCHEDULE
- WIRE SCHEDULE NOTE
- CONSTRUCTION NOTE

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_IL.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE
TIME	10:33:57 AM				JOB NUMBER 00Z000				
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234		
PLOTTED BY	kerrt								
DESIGNED BY	DESIGNER								
ENTERED BY	CAD OPERATOR								
CHECKED BY	TEAM LEAD								
PROJ. ENGR.	PROJECT ENGINEER								
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY					

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

ILLUMINATION PLAN

Plot 8

PLAN REF NO IL8

SHEET OF SHEETS

LUMINAIRE SCHEDULE — SERVICE NO. S*** ****

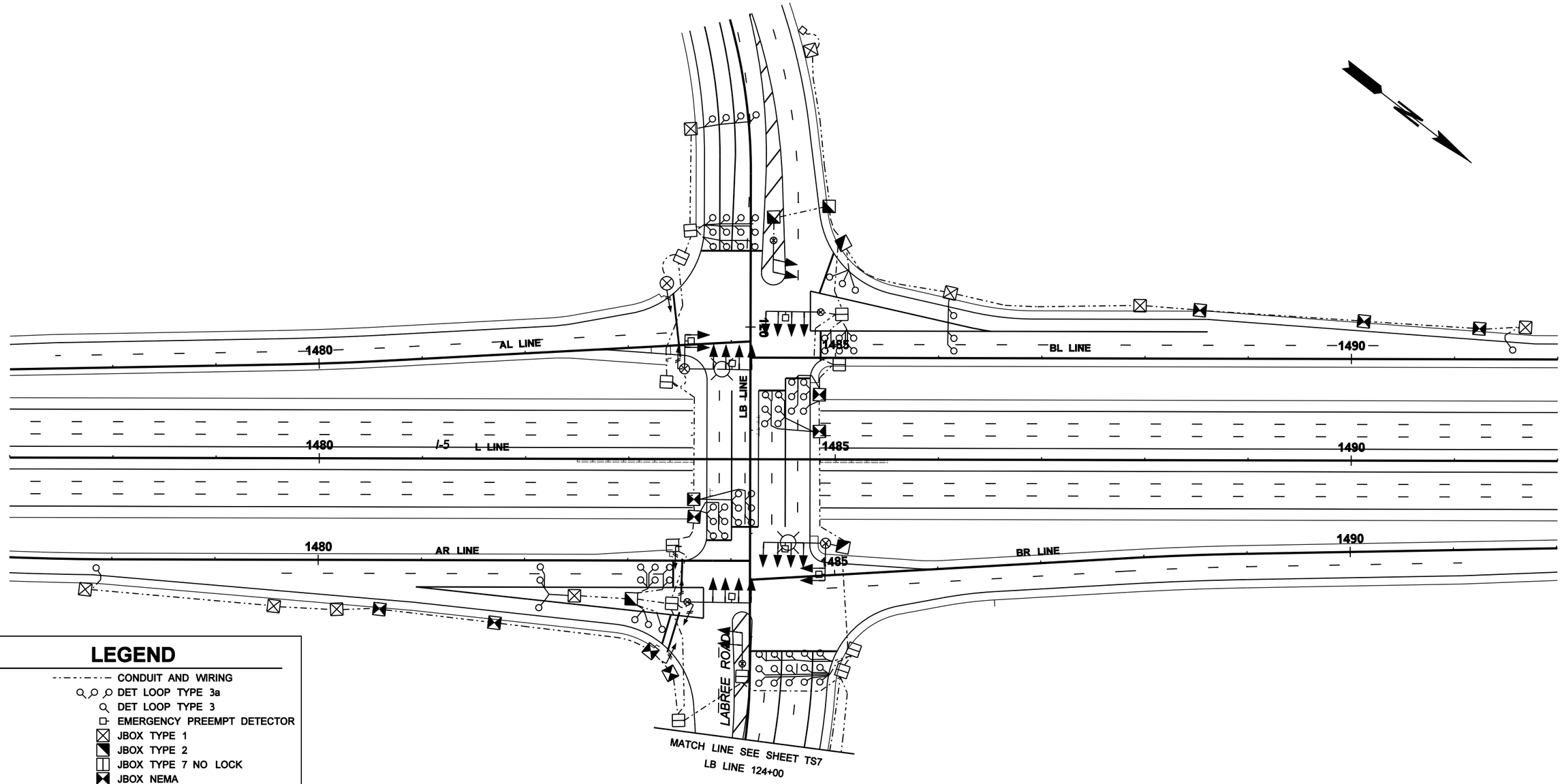
LUMINAIRE NUMBER	CIRCUIT	LOCATION STATION	LOCATION OFFSET	TYPE - DISTRIBUTION - WATTAGE	MAST ARM	H1	BASE TYPE	COMMENTS
1	*	L 1453+06.4	68.6' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
2	*	L 1455+44.3	73.4' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
3	*	L 1466+85.4	77.1' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
4	*	L 1469+17.5	89.0' RT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
5	*	AL 1473+78.4	33.6' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
6	*	AL 1476+10.4	38.4' LT	III - MED CUTOFF - 310 HPS	16'	40'		
7	*	AR 1479+40.4	44.8' RT	III - MED CUTOFF - 310 HPS	16'	40'		
8	*	AR 1481+60.6	59.6' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	ON WALL
9	*	LB 115+59.2	51.9' RT	III - MED CUTOFF - 310 HPS	16'	40'		
10	*	LB 115+51.7	51.7' LT	III - MED CUTOFF - 310 HPS	16'	40'		
11	*	LB 117+39.2	57.3' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
12	*	LB 117+31.7	69.9' LT	III - MED CUTOFF - 310 HPS	16'	40'		
13	*	LB 119+12.8	55.5' RT	III - MED CUTOFF - 310 HPS	16'	40'		
14	*	LB 119+05.5	83.8' LT	III - MED CUTOFF - 310 HPS	16'	40'		
15	*	LB 120+40.6	63.9' RT	III - MED CUTOFF - 310 HPS	16'	40'		ON SIGNAL STANDARD
16	*	LB 120+45.5	70.4' LT	III - MED CUTOFF - 310 HPS	16'	40'		
17	*	LB 122+15.4	65.9' RT	III - MED CUTOFF - 310 HPS	16'	40'		
18	*	LB 121+87.2	74.5' LT	III - MED CUTOFF - 310 HPS	16'	40'		ON SIGNAL STANDARD
19	*	LB 123.22.9	86.5' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	ON WALL
20	*	LB 123+01.7	109.0' LT	III - MED CUTOFF - 310 HPS	16'	40'		
21	*	LB 125+59.8	57.3' RT	III - MED CUTOFF - 310 HPS	16'	40'		
22	*	LB 124+54.9	85.7' LT	III - MED CUTOFF - 310 HPS	16'	40'		
23	*	LB 126+04.3	53.5' RT	III - MED CUTOFF - 400 HPS	16'	40'	FIXED	
24	*	LB 126+06.8	75.2' LT	III - MED CUTOFF - 400 HPS	16'	40'	FIXED	
25	*	BL 1486+23.8	62.7' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
26	*	BL 1488+29.6	46.9' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	ON WALL
27	*	BL 1490+25.7	35.9' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	ON WALL
28	*	BR 1492+42.2	38.2' RT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
29	*	BR 1494+74.2	33.7' RT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
30	*	L 1501+13.8	88.9' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
31	*	L 1503+45.8	77.3' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
32	*	L 1513+09.8	73.3' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
33	*	L 1515+41.9	68.7' LT	III - MED CUTOFF - 400 HPS	16'	40'	SLIP	
34	*	MSB 503+79.5	47.9' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
35	*	MSB 505+16.8	46.4' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
36	*	MSB 506+39.9	67.4' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
37	*	LB 127+56.5	56.4' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
38	*	LB 127+56.4	56.5' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
39	*	LB 129+03.3	56.4' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
40	*	LB 128+99.6	57.8' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
41	*	LB 130+02.7	62.4' RT	III - MED CUTOFF - 310 HPS	16'	40'		ON SIGNAL STANDARD
42	*	LB 130+21.4	50.4' LT	III - MED CUTOFF - 310 HPS	16'	40'		ON SIGNAL STANDARD
43	*	MSB 508+15.9	59.6' RT	III - MED CUTOFF - 310 HPS	16'	40'		ON SIGNAL STANDARD
44	*	MSB 508+36.4	88.3' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
45	*	MSB 510+11.1	66.4' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
46	*	MSB 509+93.9	39.6' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
47	*	MSB 512+02.1	61.7' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
48	*	MSB 512+00.4	41.6' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
49	*	LB 132+39.4	47.1' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
50	*	LB 132+33.0	63.8' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
51	*	LB 134+35.5	39.6' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
52	*	LB 134+23.5	63.6' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
53	*	LB 111+77.0	28.0' LT	III - MED CUTOFF - 310 HPS	16'	40'		
54	*	LB 111+72.6	42.1' RT	III - MED CUTOFF - 310 HPS	16'	40'		
55	*	LB 110+00.9	44.4' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
56	*	LB 109+48.5	34.3' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
57	*	LB 107+55.1	34.6' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
58	*	LB 107+55.2	33.4' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	

LUMINAIRE SCHEDULE — SERVICE NO. S*** ****

LUMINAIRE NUMBER	CIRCUIT	LOCATION STATION	LOCATION OFFSET	TYPE - DISTRIBUTION - WATTAGE	MAST ARM	H1	BASE TYPE	COMMENTS
59	*	H 1731+32.5	34.6' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
60	*	H 1731+22.5	30.3' RT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	
61	*	H 1729+86.8	27.2' LT	III - MED CUTOFF - 310 HPS	16'	40'	FIXED	

WIRING SCHEDULE — SERVICE NO. __ ___

△ NO.	CONDUIT SIZE	CONDUCTORS EXISTING	CONDUCTORS NEW	CIRCUIT	COMMENTS
1	1"		2-#8	A	ILLUMINATION
2	1½"		2-#8	A	ILLUMINATION
3	1"		2-#8	B	ILLUMINATION
4	1½"		4-#8	A,B	ILLUMINATION
5	2"		4-#8	A,B	ILLUMINATION
	2"		SPARE	—	FUTURE
6	1½"		2-#8	B	ILLUMINATION
7	2"		4-#8	A,B	ILLUMINATION
8	2"		SPARE	—	FUTURE
9	2"		2-#8	B	ILLUMINATION
	2"		—	—	SEE SIGNAL PLANS
10	1"		2-#8	C	ILLUMINATION
11	1"		2-#8	D	ILLUMINATION
12	1½"		2-#8	C	ILLUMINATION
13	1½"		2-#8	D	ILLUMINATION
14	1½"		4-#8	C,D	ILLUMINATION
15	2"		2-#8	D	ILLUMINATION
	2"		SPARE	—	FUTURE
16	2"		8-#8	A,B,C,D	ILLUMINATION
	2"		SPARE	—	FUTURE
17	2"		2-#8	D	ILLUMINATION
18	2"		2-#8	C	ILLUMINATION
	2"		SPARE	—	FUTURE
19	2"		8-#8	A,B,C,D	ILLUMINATION
	2-2"		SPARE	—	FUTURE
20	1"		2-#8	A	ILLUMINATION
21	2"		2-#8	A	ILLUMINATION
22	1"		2-#8	B	ILLUMINATION
23	2"		4-#8	A,B	ILLUMINATION
24	2"		2-#8	B	ILLUMINATION
25	1"		2-#8	C	ILLUMINATION
26	2"		2-#8	C	ILLUMINATION
27	1"		2-#8	D	ILLUMINATION
28	2"		4-#8	C,D	ILLUMINATION
29	2"		2-#8	D	ILLUMINATION
30	2"		8-#8	A,B,C,D	ILLUMINATION
	2"		SPARE	—	FUTURE
31	2"		8-#8	A,B,C,D	ILLUMINATION
	2"		SPARE	—	FUTURE
32	2"		2-#6	F	SIGNAL POWER



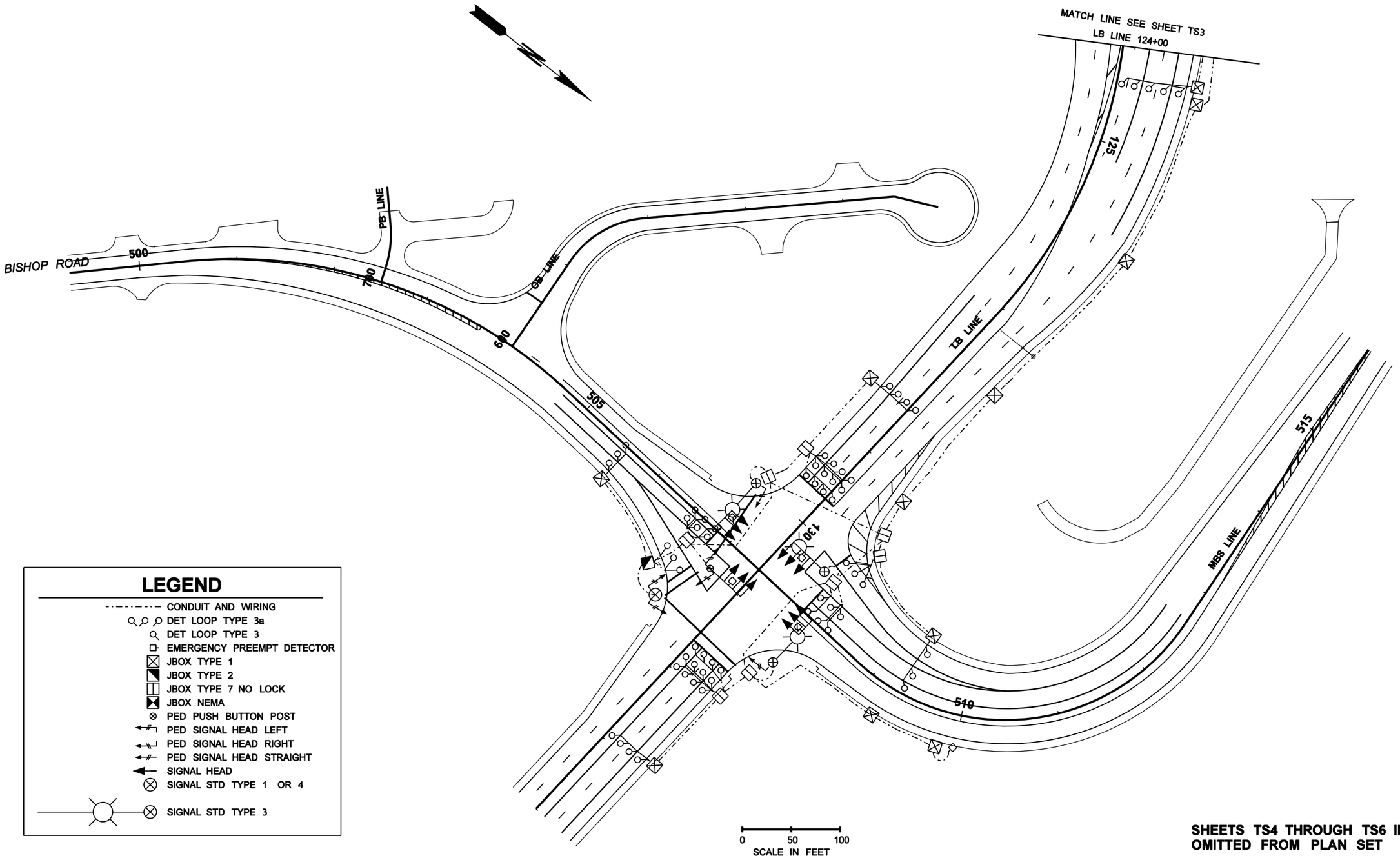
LEGEND

- CONDUIT AND WIRING
- DET LOOP TYPE 3a
- DET LOOP TYPE 3
- EMERGENCY PREEMPT DETECTOR
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- PED PUSH BUTTON POST
- PED SIGNAL HEAD LEFT
- PED SIGNAL HEAD RIGHT
- PED SIGNAL HEAD STRAIGHT
- SIGNAL HEAD
- SIGNAL STD TYPE 1 OR 4
- SIGNAL STD TYPE 3

0 50 100
SCALE IN FEET

SHEETS TS1 AND TS2 INTENTIONALLY OMITTED FROM PLAN SET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_TS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE	Washington State Department of Transportation	I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT	Plot 3
TIME	10:59:47 AM											PLAN REF NO TS3
DATE	11/23/2009											SHEET OF SHEETS
PLOTTED BY	kerrt				JOB NUMBER 00Z000							
DESIGNED BY	DESIGNER											
ENTERED BY	CAD OPERATOR											
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234				ITS PLANS	
PROJ. ENGR.	PROJECT ENGINEER											
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY								

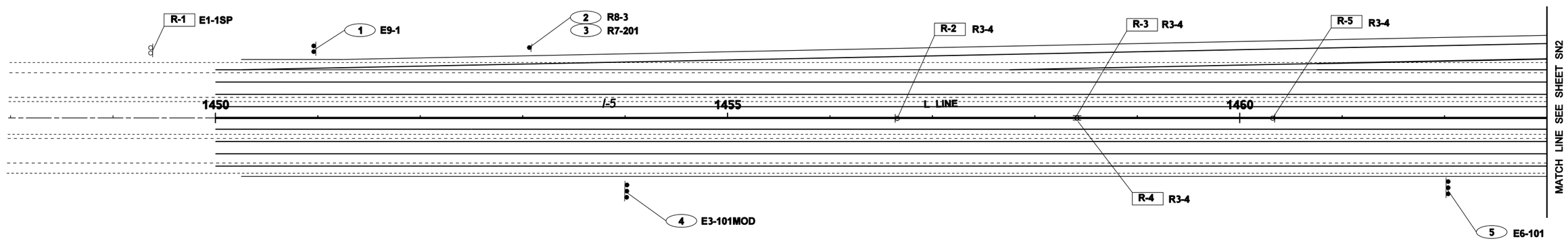


LEGEND

- CONDUIT AND WIRING
- DET LOOP TYPE 3a
- DET LOOP TYPE 3
- EMERGENCY PREEMPT DETECTOR
- JBOX TYPE 1
- JBOX TYPE 2
- JBOX TYPE 7 NO LOCK
- JBOX NEMA
- PED PUSH BUTTON POST
- PED SIGNAL HEAD LEFT
- PED SIGNAL HEAD RIGHT
- PED SIGNAL HEAD STRAIGHT
- SIGNAL HEAD
- SIGNAL STD TYPE 1 OR 4
- SIGNAL STD TYPE 3

SHEETS TS4 THROUGH TS6 INTENTIONALLY OMITTED FROM PLAN SET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_TS.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)	P.E. STAMP BOX DATE	P.E. STAMP BOX DATE	Plot 7
TIME	10:59:51 AM								Washington State Department of Transportation	PLAN REF NO TS7
DATE	11/23/2009				JOB NUMBER 00Z000				I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT	SHEET OF SHEETS
PLOTTED BY	kerrt									
DESIGNED BY	DESIGNER				CONTRACT NO.		LOCATION NO. SP1234		ITS PLANS	
ENTERED BY	CAD OPERATOR									
CHECKED BY	TEAM LEAD									
PROJ. ENGR.	PROJECT ENGINEER									
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY						



LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- ## SIGN CODE NUMBER
- # SIGN RELOCATE CODE NUMBER
- R-## SIGN REMOVAL CODE NUMBER

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn					
TIME	10:57:20 AM				REGION NO. 10	STATE WASH
DATE	11/23/2009					FED.AID PROJ.NO. NH-0000(000)
PLOTTED BY	kerrt				JOB NUMBER 00Z000	
DESIGNED BY	DESIGNER					
ENTERED BY	CAD OPERATOR				CONTRACT NO.	LOCATION NO. SP1234
CHECKED BY	TEAM LEAD					
PROJ. ENGR.	PROJECT ENGINEER					
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY		

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

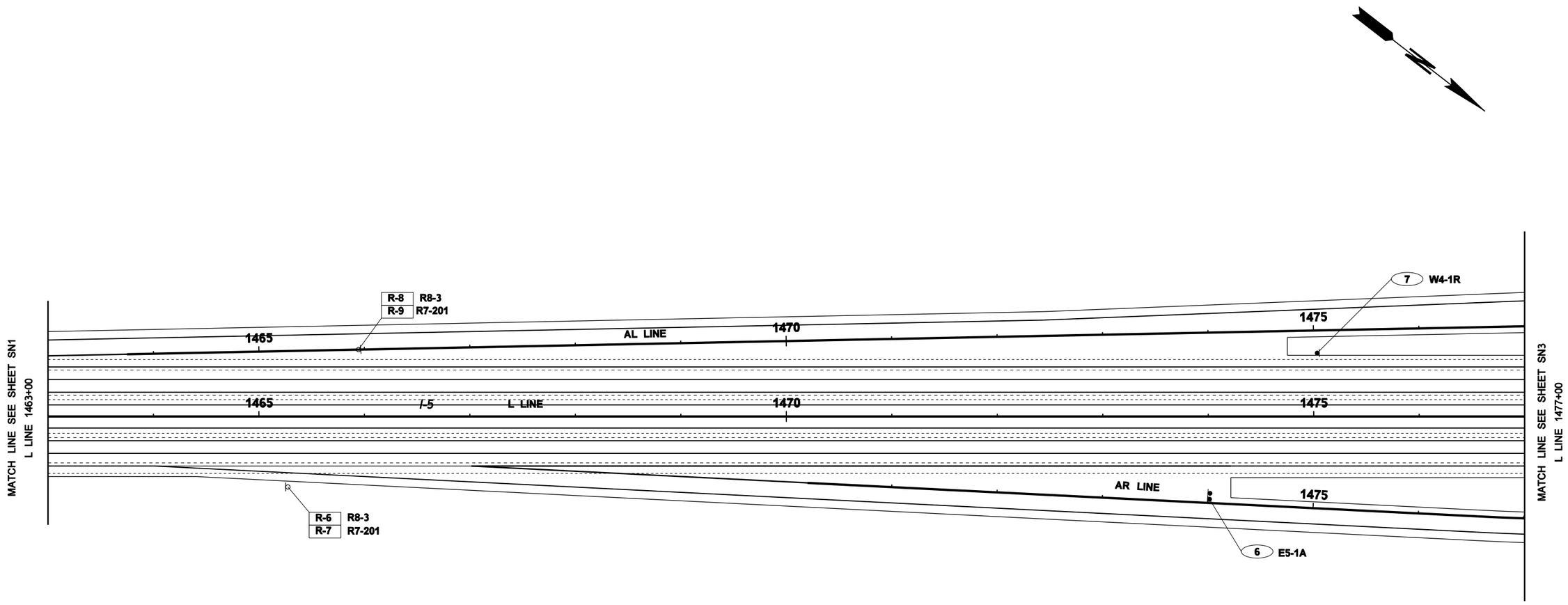
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SIGN PLAN

Plot 1

PLAN REF NO SN1

SHEET OF SHEETS



LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- ## SIGN CODE NUMBER
- # SIGN RELOCATE CODE NUMBER
- R-## SIGN REMOVAL CODE NUMBER

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:57:21 AM						
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

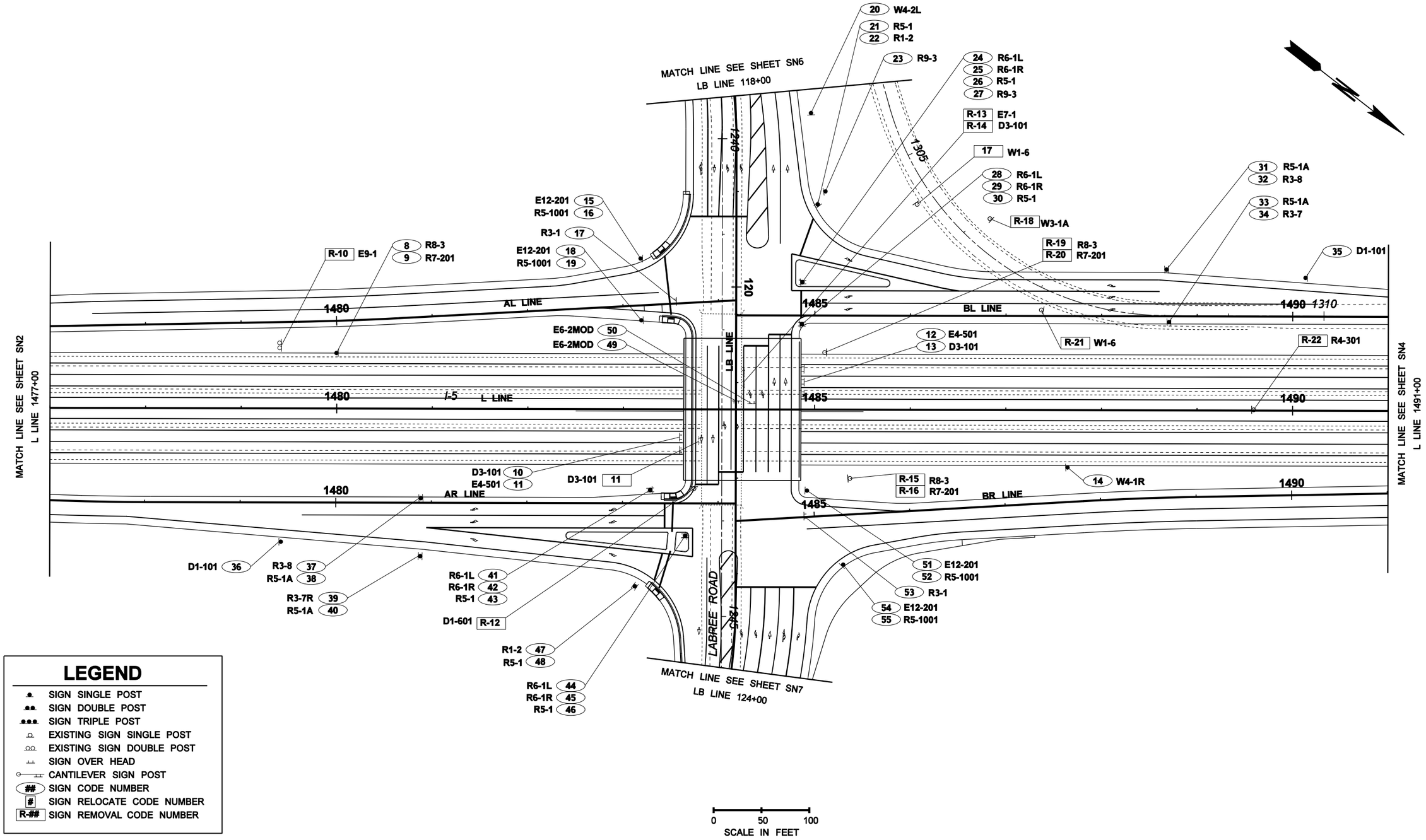
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SIGN PLAN

Plot 2

PLAN REF NO SN2

SHEET OF SHEETS



LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- (##) SIGN CODE NUMBER
- [#] SIGN RELOCATE CODE NUMBER
- [R-##] SIGN REMOVAL CODE NUMBER

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:57:22 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

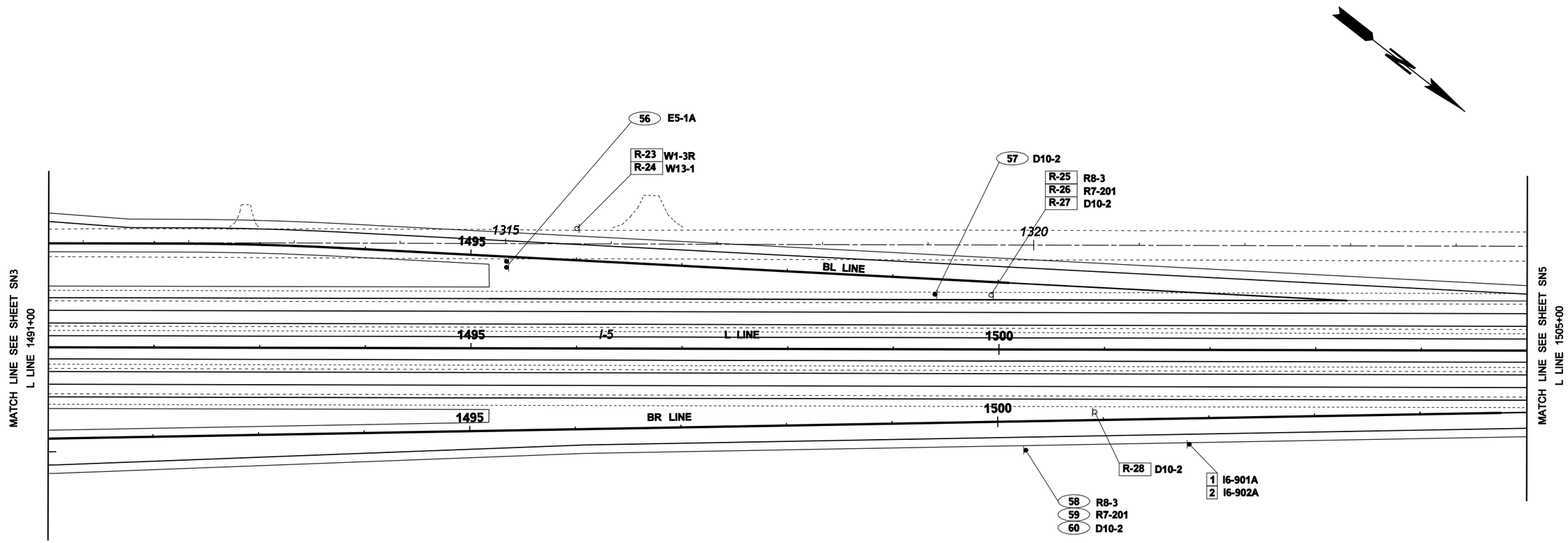
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SIGN PLAN

Plot 3

PLAN REF NO SN3

SHEET OF SHEETS



LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- ## SIGN CODE NUMBER
- # SIGN RELOCATE CODE NUMBER
- R-## SIGN REMOVAL CODE NUMBER

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn						
TIME	10:57:24 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER				JOB NUMBER 00Z000		
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD				CONTRACT NO.		LOCATION NO. SP1234
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SIGN PLAN

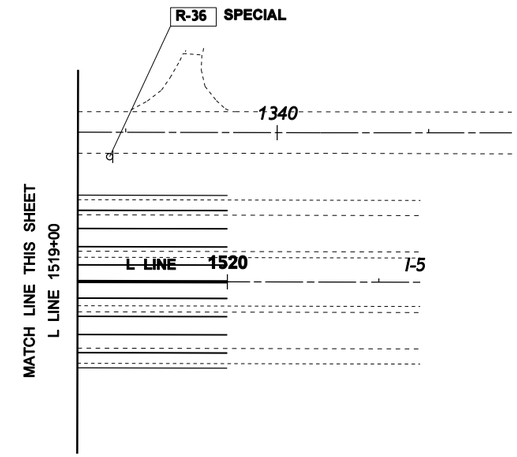
Plot 4

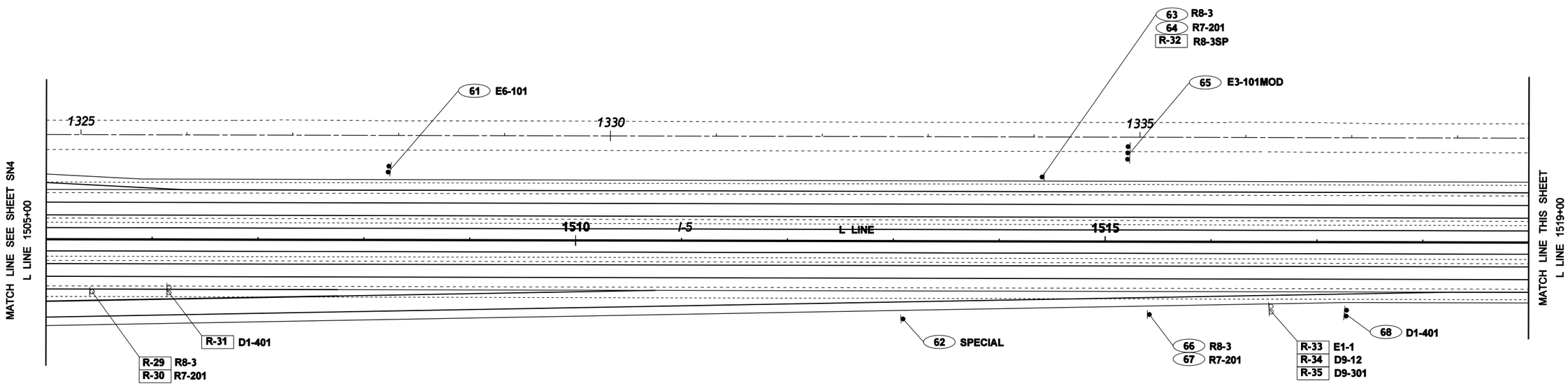
PLAN REF NO SN4

SHEET OF SHEETS

LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- ## SIGN CODE NUMBER
- # SIGN RELOCATE CODE NUMBER
- R-## SIGN REMOVAL CODE NUMBER





FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn						
TIME	10:57:26 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
DATE	11/23/2009						
PLOTTED BY	kerrt				JOB NUMBER 00Z000		
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR				CONTRACT NO.		LOCATION NO. SP1234
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

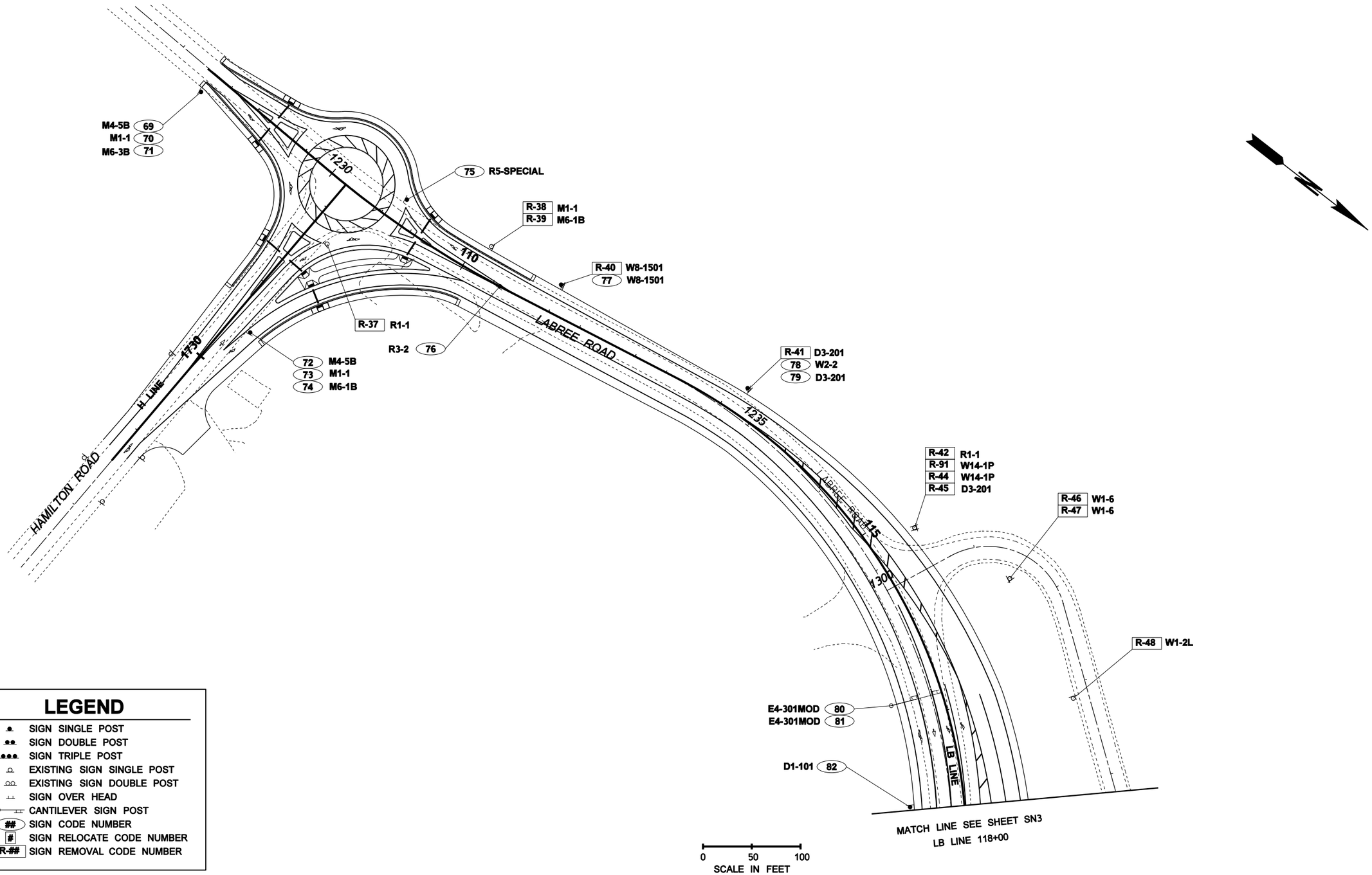
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SIGN PLAN

Plot 5

PLAN REF NO SN5

SHEET OF SHEETS



LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- ## SIGN CODE NUMBER
- # SIGN RELOCATE CODE NUMBER
- R-## SIGN REMOVAL CODE NUMBER

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:57:27 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.	LOCATION NO. SP1234	
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

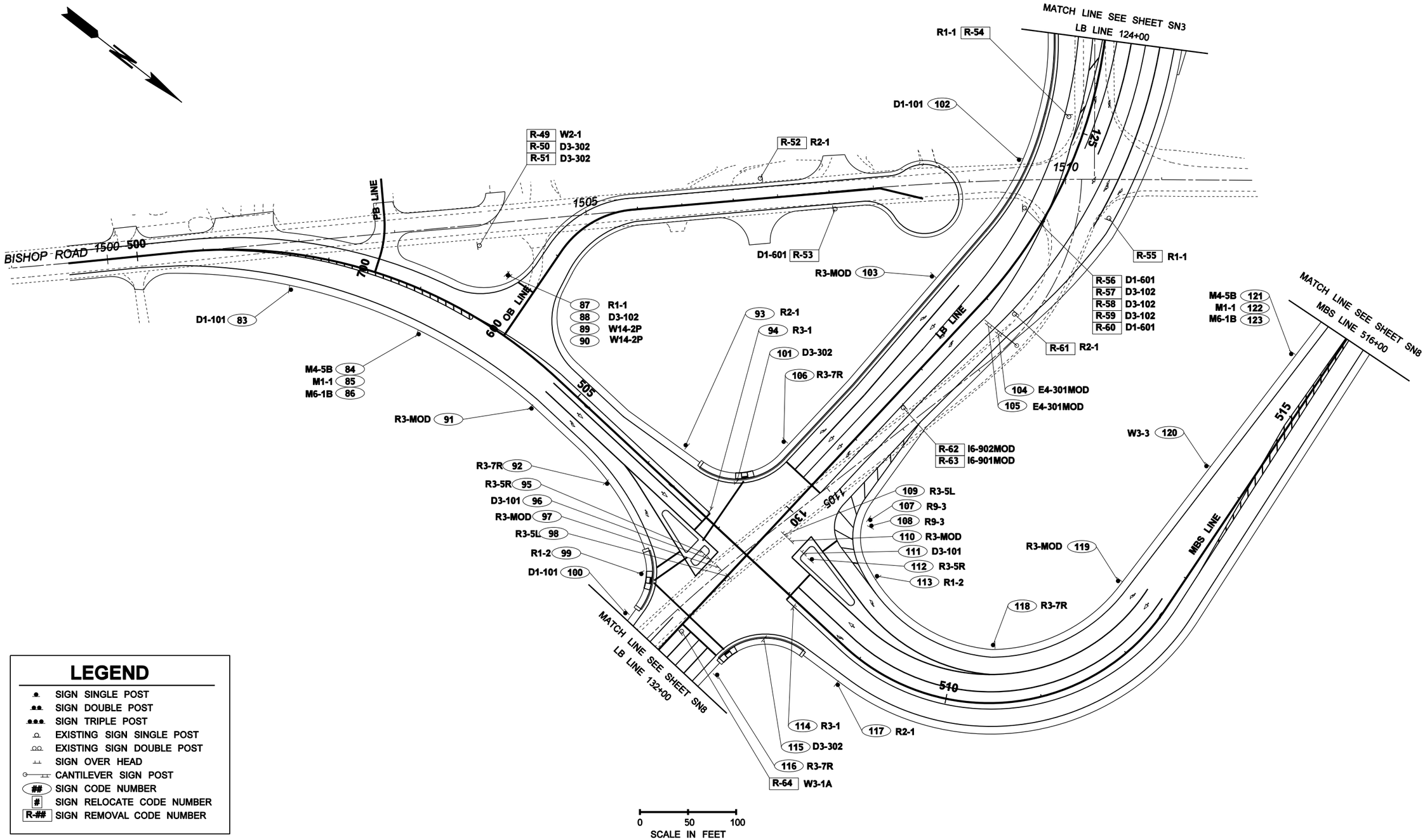
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SIGN PLAN

Plot 6

PLAN REF NO SN6

SHEET OF SHEETS



LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- (##) SIGN CODE NUMBER
- [#] SIGN RELOCATE CODE NUMBER
- [R-##] SIGN REMOVAL CODE NUMBER

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn			
TIME	10:57:29 AM			
DATE	11/23/2009			
PLOTTED BY	kerrt			
DESIGNED BY	DESIGNER			
ENTERED BY	CAD OPERATOR			
CHECKED BY	TEAM LEAD			
PROJ. ENGR.	PROJECT ENGINEER			
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	NH-0000(000)
JOB NUMBER 00Z000		
CONTRACT NO.		LOCATION NO. SP1234

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

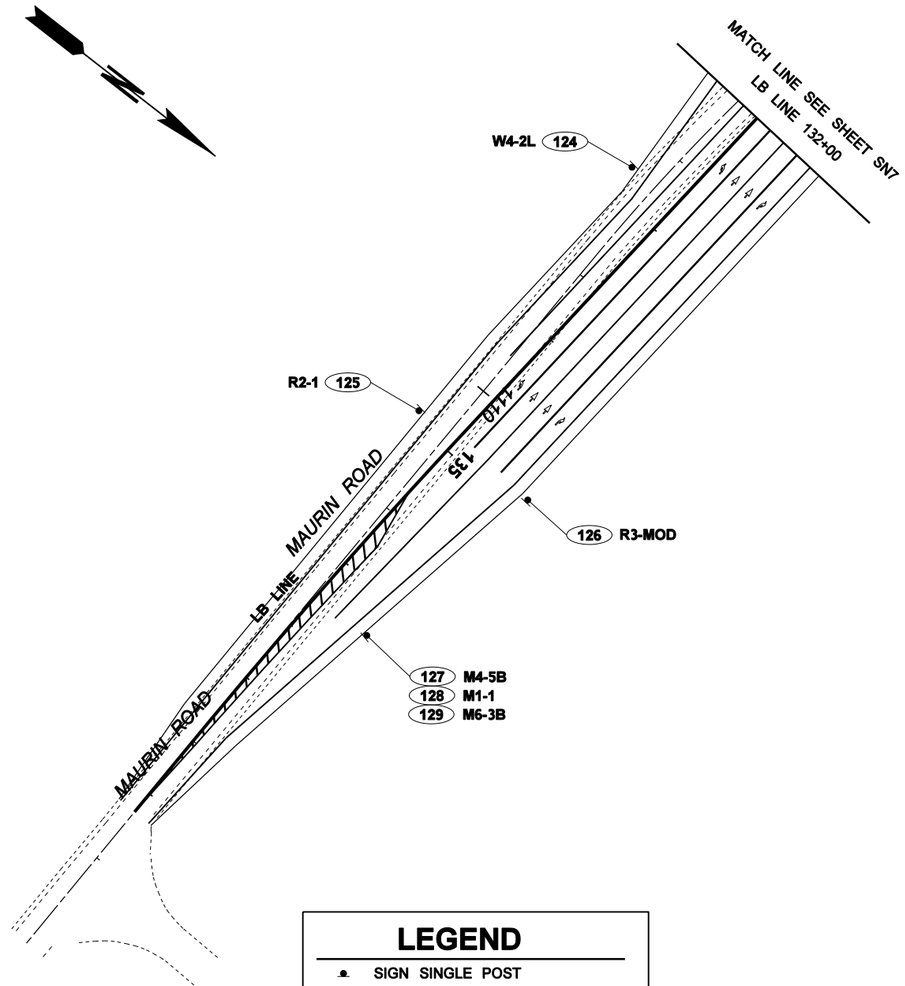
I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

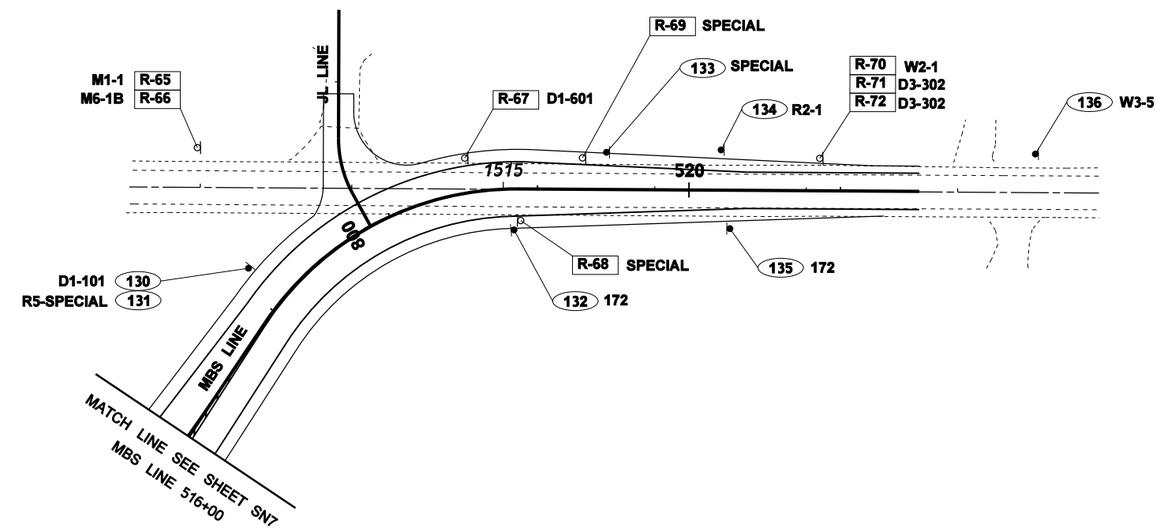
SIGN PLAN

Plot 7

PLAN REF NO SN7

SHEET OF SHEETS





LEGEND

- SIGN SINGLE POST
- SIGN DOUBLE POST
- SIGN TRIPLE POST
- EXISTING SIGN SINGLE POST
- EXISTING SIGN DOUBLE POST
- SIGN OVER HEAD
- CANTILEVER SIGN POST
- ## SIGN CODE NUMBER
- # SIGN RELOCATE CODE NUMBER
- R-## SIGN REMOVAL CODE NUMBER

0 50 100
SCALE IN FEET

FILE NAME	C:\AAWork\Projects\SP1234\CAD\ContractPlans\SP1234_PS_SN.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO. NH-0000(000)
TIME	10:57:31 AM				JOB NUMBER 00Z000		
DATE	11/23/2009				CONTRACT NO.		LOCATION NO. SP1234
PLOTTED BY	kerrt						
DESIGNED BY	DESIGNER						
ENTERED BY	CAD OPERATOR						
CHECKED BY	TEAM LEAD						
PROJ. ENGR.	PROJECT ENGINEER						
REGIONAL ADM.	REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

I-5 AND LABREE RD INTERCHANGE EXAMPLE PROJECT

SIGN PLAN

Plot 8

PLAN REF NO SN8

SHEET OF SHEETS