

# DESCHUTES COUNTY ROAD DEPARTMENT HUNTINGTON ROAD IMPROVEMENTS



OWNER  
DESCHUTES COUNTY ROAD DEPARTMENT  
61150 SE 27TH  
BEND, OR 97702  
CONTACT: CHRIS DOTY  
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ENGINEER  
PARAMETRIX  
595 SW BLUFF DRIVE SUITE B  
BEND, OREGON 97702  
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SURVEYOR  
DESCHUTES COUNTY SURVEY DEPT.  
61150 SE 27TH  
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DESCHUTES COUNTY  
APRIL 2017

## BASIS OF BEARING

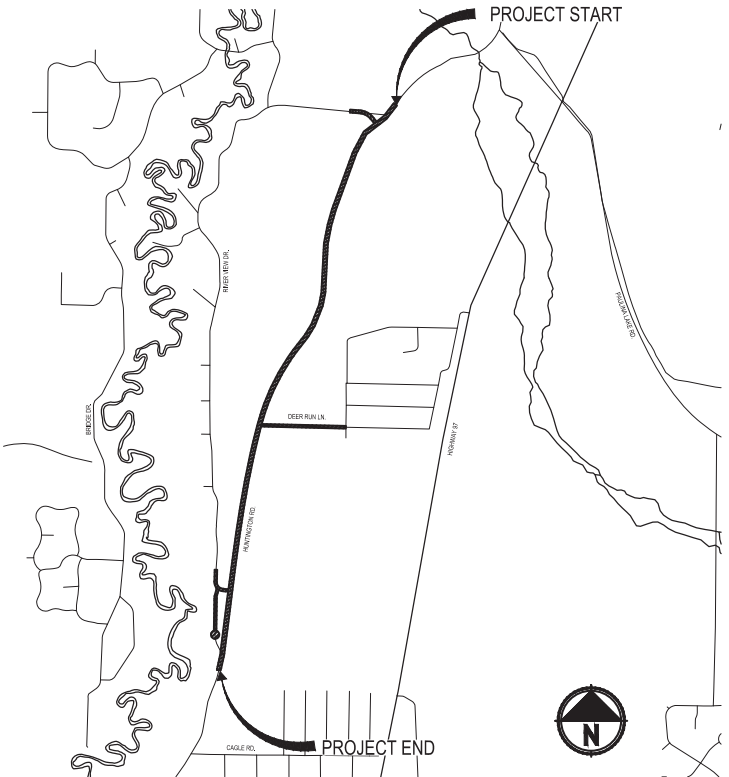
Deschutes County COCS (Deschutes13  
Transformation to work correctly with ORGN correctors)

## DATUM

Central Oregon Coordinate System (COCs), NAD83(2011)

## BENCHMARK

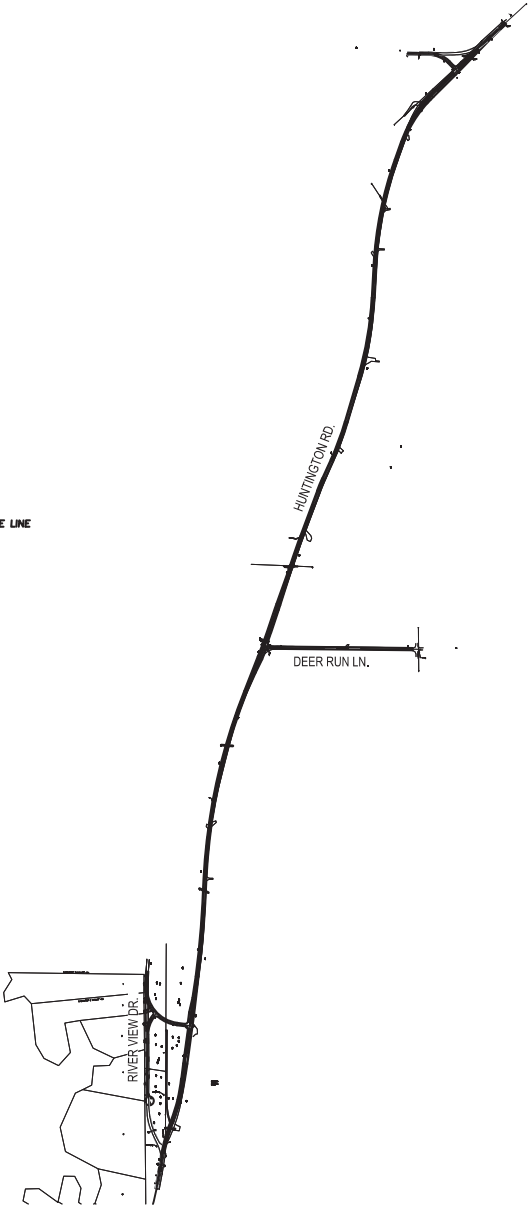
Deschutes County COCS values for COCS published point #182 = 3538.719



VICINITY MAP  
SCALE: 1" = 2000'

## EXISTING LEGEND:

	SURVEY MONUMENT POINT
	EXIST. MAILBOXES
	EXISTING SIGN
	TREE
	WATER MANHOLE
	SEWER MANHOLE
	WATER GATE VALVE
	WATER METER
	WATER MAINLINE
	EXIST. UTILITY POLE
	EXIST. OVERHEAD POWER LINE
	TELEPHONE UTILITY
	BARBED WIRE FENCE
	PROPERTY BOUNDARY APPROX.
	EXISTING EDGE OF ROAD
	EXISTING/PROPOSED CL
	APPROXIMATE SEWER PRESSURE LINE LOCATION



AREA MAP  
1"=1000'

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
C1.0	COVER SHEET
C1.1	CONSTRUCTION NOTES
C2.0	TYPICAL SECTIONS
C3.0	EXISTING CONDITIONS & DEMO
C3.1	EXISTING CONDITIONS & DEMO
C4.0	PLAN & PROFILE, STA 10+00 – 21+00
C4.1	PLAN & PROFILE, STA 21+00 – 32+00
C4.2	PLAN & PROFILE, STA 32+00 – 43+00
C4.3	PLAN & PROFILE, STA 43+00 – 54+00
C4.4	PLAN & PROFILE, STA 54+00 – 65+00
C4.5	PLAN & PROFILE, STA 65+00 – 76+00
C4.6	PLAN & PROFILE, STA 76+00 – 87+00
C4.7	PLAN & PROFILE, STA 87+00 – 98+00
C4.8	PLAN & PROFILE, STA 98+00 – 109+00
C4.9	PLAN & PROFILE, STA 109+00 – 120+00
C5.0	PLAN & PROFILE, STA 120+00 – 131+00
C5.1	PLAN & PROFILE, STA 131+00 – 139+17
C5.2	PLAN & PROFILE, RIVERVIEW NORTH
C5.3	PLAN & PROFILE, DEER RUN LN
C5.4	PLAN & PROFILE, DEER RUN LN
C5.5	PLAN & PROFILE RIVERVIEW SOUTH
C5.6	PLAN & PROFILE RIVERVIEW CT
C5.7	PLAN & PROFILE RIVERVIEW CT
C5.8	SIGNAGE & STRIPING STA 10+00-43+00
C5.9	SIGNAGE & STRIPING STA 43+00-76+00
C6.0	SIGNAGE & STRIPING STA 76+00-109+00
C6.1	SIGNAGE & STRIPING STA 109+00-139+00
C6.2	PHASE I CONSTRUCTION STAGING
C6.3	PHASE II CONSTRUCTION STAGING
C6.4	PHASE III CONSTRUCTION STAGING
C6.5	STAGE IA DETOUR ROUTE
C6.6	STAGE IB DETOUR ROUTE
C6.7	STAGE II DETOUR ROUTE
C6.8	STAGE IIIA DETOUR ROUTE
C6.9	STAGE IIIB DETOUR ROUTE
C7.0	DETOUR SIGNAGE

## GENERAL NOTES:

ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED IN THIS CONTRACTS SPECIAL PROVISIONS, BE CONSTRUCTED IN ACCORDANCE WITH THE OREGON STATE "OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION," REVISED 2015

EXISTING UNDERGROUND UTILITIES ARE SHOWN AS PER FIELD LOCATION AND OR AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. LOCATES CAN BE REQUESTED THRU THE ONE CALL CENTER AT 811

ATTENTION: OREGON LAW REQUIRES THAT YOU FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN O.A.R. 952-001-0010 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-232-1987

IT IS THE CONTRACTORS RESPONSIBILITY TO RE-ESTABLISH, PER OREGON REVISED STATUTES, ALL SURVEY MONUMENTS DISTURBED OR DESTROYED BY THIS WORK. THIS INCLUDES MONUMENTS NOT SHOWN IN THESE PLANS, WHICH ARE DISCOVERED DURING THE COURSE OF CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ELEVATIONS OF SIDE SHOT MONUMENTS FOR USE AS TEMPORARY BENCH MARKS AND SET TEMPORARY BENCH MARKS OR ADDITIONAL HORIZONTAL CONTROL AS NEEDED.

UPON AWARD OF THE CONTRACT, PARAMETRIX WILL PROVIDE THE CONTRACTOR WITH AN "ASCII" POINT FILE CONTAINING ALL CONTROL POINTS ALONG WITH ALIGNMENT CENTER LINE POINTS AT 50' STATIONS.

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1000	264537.35	3246269.00	4211.96	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
1001	263954.33	3246270.36	4211.85	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
1002	263103.41	3246636.65	4210.70	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
1003	263572.71	3246603.88	4212.61	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
1004	267780.24	3247387.47	4211.28	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
1006	269921.14	3248873.22	4211.53	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
1007	269703.14	3248762.58	4211.80	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
1008	274059.27	3249212.96	4202.22	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2000	263136.25	3246268.13	4213.37	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2001	262531.62	3246420.14	4207.90	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2002	264584.52	3246832.57	4212.48	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2003	265495.81	3246789.88	4215.48	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2004	266624.36	3246977.53	4212.19	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2005	268784.97	3247812.76	4212.23	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2006	269854.12	3248144.39	4210.80	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2007	270735.74	3248520.19	4209.53	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2008	271806.26	3248567.22	4208.16	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2009	272797.07	3248746.55	4206.49	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2010	273595.77	3249128.68	4203.45	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2011	274029.75	3249683.58	4202.71	TRAV PNT-SET 1/2"SQUARE BAR W/RPC "RANDOM"
2012	267817.84	3249448.17	4216.08	TRAV PNT-SET HUB AND TACK

SURVEY CONTROL TABLE

REVISIONS	DATE	BY	DESIGNED DWL
			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BE-2509-002-C1.0-CS00
JOB No. 2509-002
DATE 1/6/2017



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PROJECT NAME  
**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

**COVER SHEET**

DRAWING NO.  
01 OF 36

**C1.0**

FINAL BID DOCUMENTS

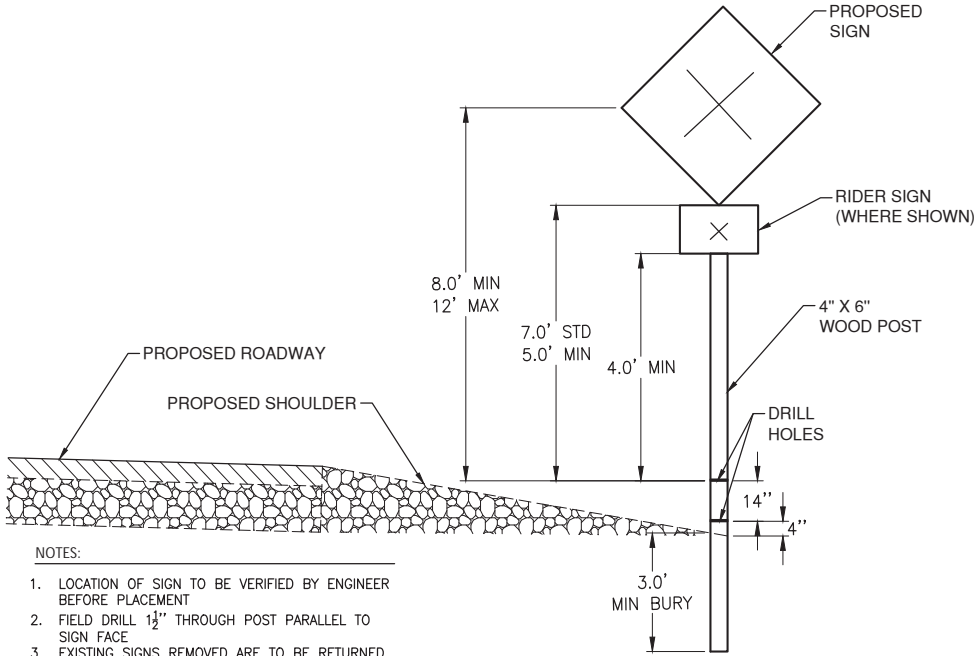
CONSTRUCTION NOTES:

1. NO CONSTRUCTION SHALL BE STARTED WITHOUT A NOTICE TO PROCEED BY THE DESCHUTES COUNTY ROAD DEPARTMENT. THE COUNTY ROAD DEPARTMENT AND THE DESIGN ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. ANY CONSTRUCTION WORK DONE PRIOR TO NOTICE TO PROCEED BEING ISSUED OR WITHOUT INSPECTION WILL BE REJECTED.
2. CONTRACTOR SHALL VERIFY ALL CONDITIONS ON THE JOB SITE INCLUDING BUT NOT LIMITED TO, ALL DIMENSIONS, GRADES, ELEVATIONS, EXTENT AND COMPATIBILITY TO THE EXISTING SITE CONDITIONS, AND WITH THE WORK DESCRIBED ON THE ENGINEER'S DRAWINGS. ANY DISCREPANCIES OR UNEXPECTED CONDITIONS THAT AFFECT OR CHANGE THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. CONTRACTOR SHALL NOT PROCEED WITH ANY OF THE WORK IN THE AREA OF DISCREPANCIES UNTIL ALL SUCH DISCREPANCIES ARE RESOLVED. IF THE CONTRACTOR CHOOSES TO DO SO, THEN IT IS UNDERSTOOD THAT THE CONTRACTOR IS CHOOSING TO PROCEED AT THE CONTRACTOR'S OWN RISK AND SHALL INCUR ALL COSTS, IF ANY TO RESOLVE THE ISSUES TO THE SATISFACTION OF THE ENGINEER.
3. ALL CONSTRUCTION WORK AND INSTALLATIONS SHALL CONFORM TO COUNTY STANDARDS AND SPECIFICATIONS, 2015 OREGON STANDARD DRAWINGS AND SPECIFICATIONS FOR CONSTRUCTION, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE COUNTY.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND LOCATE SERVICE" AT 1-800-332-2344 AT LEAST 48 BUSINESS-DAY HOURS PRIOR TO THE START OF CONSTRUCTION FOR THE LOCATION OF POWER, GAS, CABLE TV AND TELEPHONE UNDERGROUND FACILITIES. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE PUBLIC AGENCY FOR THE LOCATION OF UNDERGROUND FACILITIES.
5. ALL UTILITIES SHOWN ARE ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. NO POTHOLING TO VERIFY LOCATIONS AND ELEVATIONS WAS AUTHORIZED BY THE OWNER. THE CONTRACTOR HAS THE TOTAL RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND TO NOTIFY THE UTILITY COMPANIES WHEN WORKING IN THEIR PROXIMITY. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)232-2987.
6. ALL UTILITY SERVICES WILL BE FIELD STAKED IN ACCORDANCE WITH DESCHUTES COUNTY STANDARDS AND SPECIFICATIONS.
7. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND IMPROVEMENTS.
8. ANY DAMAGE TO EXISTING FACILITIES OR IMPROVEMENTS, RESULTING FROM THE CONTRACTOR'S OPERATION, SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
9. CONTRACTOR SHALL EXPOSE, VERIFY, CONNECT AND/OR MATCH EXISTING UTILITIES AND IMPROVEMENTS, IN CONFORMANCE WITH DESCHUTES COUNTY STANDARDS AND SPECIFICATIONS, TO PROVIDE COMPLETE AND/OR OPERATIONAL SYSTEMS.
10. DURING THE COURSE OF THE WORK, CONTRACTOR SHALL COORDINATE AND ACCOMMODATE OTHER CONTRACTORS OR OPERATIONS OF THE COUNTY.
11. ALL TRENCH BACKFILL OR EMBANKMENTS WITHIN PUBLIC WAYS AND AREAS OUTSIDE OF PAVING SHALL BE CONSTRUCTED TO DESCHUTES COUNTY STANDARDS AND SPECIFICATIONS AND THE 2015 OREGON STANDARDS FOR CONSTRUCTION.
12. TRENCHES WITH PIPE COVER OF LESS THAT 12-INCHES TO SUBGRADE TO BE BACKFILLED WITH CTB.
13. CONTRACTOR SHALL RESTRICT ALL OPERATIONS TO THE PROJECT AREA. AREAS WITHIN THE PROJECT BOUNDARIES. ANY DISRUPTION TO NATIVE LANDSCAPES, OUTSIDE OF THE PROJECT AREA, SHALL BE RESTORED AT NO COST TO THE OWNER.
14. CABLE AND GAS UTILITY TRENCHING SHALL BE COMPLETED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS FROM APPLICABLE UTILITY COMPANIES. ALL CABLE AND GAS UTILITIES WILL BE INSTALLED BY THE APPLICABLE UTILITY COMPANY IN CONFORMANCE WITH THEIR JOINT TRENCH DETAIL. CONTRACTOR SHALL COORDINATE TRENCH EXCAVATIONS, BEDDING AND BACKFILL WITH POWER, PHONE, TELEVISION, AND GAS REPRESENTATIVES.
15. ALL GRADING SHALL BE IN CONFORMANCE WITH THE CURRENT COUNTY STANDARDS.
16. ALL FINAL CUT SLOPES SHALL NOT EXCEED A GRADE OF 2 TO 1 VERTICAL UNLESS OTHERWISE APPROVED. FILL SLOPES SHALL NOT EXCEED A GRADE OF 2 HORIZONTAL TO 1 VERTICAL UNLESS OTHERWISE APPROVED BY THE ENGINEER OR SHOWN ON THESE PLANS.
17. ALL UNSUITABLE SOILS MATERIALS, RUBBISH AND DEBRIS RESULTING FROM GRADING OPERATIONS SHALL BE

REMOVED FROM THE JOB SITE AND DISPOSED OF PROPERLY.

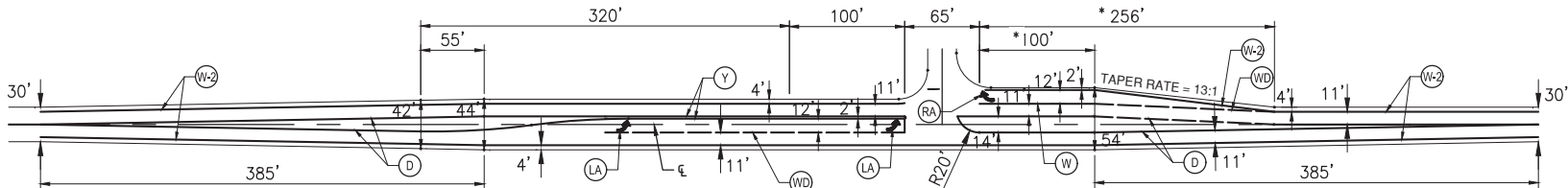
18. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM CONSTRUCTION.
19. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE INDUSTRIAL SAFETY REGULATIONS. DESCHUTES COUNTY AND THEIR OFFICIALS, THE ENGINEER, AND THE OWNER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.
20. MATERIAL QUANTITIES USED, NOTED, OR PROVIDED IN A SEPARATE ITEMIZED QUANTITY TAKE-OFF ARE AN ENGINEER'S OPINION OF PROBABLE MATERIAL REQUIREMENTS, AND IS AN ESTIMATE ONLY. CONTRACTORS HAVE THE SOLE RESPONSIBILITY OF MAKING THEIR OWN QUANTITY TAKE-OFF AND COST ESTIMATE.
21. BIDDERS SHALL BE PREQUALIFIED WITH THE STATE OF OREGON IN ACCORDANCE WITH ORS 279C.430-279C.450 AND DESCHUTES COUNTY CODE 12.52.020.
22. COUNTY ROAD DEPARTMENT'S SIGNATURE DOES NOT CONSTITUTE APPROVAL OF FACILITIES PROPOSED ON PRIVATE PROPERTY.
23. TEMPORARY ACCESS FOR ALL USERS SHALL BE MAINTAINED WITHIN THE EXISTING RIGHT-OF-WAY AND EASEMENTS.

FOUND MONUMENTS TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
5000	258973.33	3246182.00	4213.10	FOUND PROP. COR.
5001	258436.46	3246186.76	4210.20	FOUND PROP. COR.
5002	258303.32	3246187.89	4199.18	FOUND PROP. COR.
5003	258303.88	3246247.85	4200.68	FOUND PROP. COR.
5004	257156.83	3246197.81	4212.83	FOUND SECTION CORNER
5005	257567.44	3246347.34	4206.21	FOUND PROP. COR.
5006	257577.89	3246288.19	4208.25	FOUND PROP. COR.
5007	262469.85	3249020.39	4217.28	FOUND 1/4 CORNER
5008	265092.04	3248966.25	4212.54	FOUND SECTION CORNER
5009	263162.61	3249441.20	4216.80	FOUND PROP. COR.
5010	263165.73	3249241.16	4216.65	FOUND PROP. COR.
5011	263189.36	3249041.16	4215.74	FOUND PROP. COR.
5012	263119.29	3249040.14	4215.73	FOUND PROP. COR.
5013	263115.58	3249240.20	4216.52	FOUND PROP. COR.
5014	263112.15	3249440.04	4217.00	FOUND PROP. COR.
5015	263107.67	3249689.98	4217.26	FOUND PROP. COR.
5016	262919.41	3249042.17	4216.10	FOUND PROP. COR.
5017	263369.44	3249039.10	4216.08	FOUND PROP. COR.
5018	263158.17	3249672.79	4217.59	FOUND PROP. COR.
5019	263153.57	3249890.65	4217.27	FOUND PROP. COR.



- NOTES:
1. LOCATION OF SIGN TO BE VERIFIED BY ENGINEER BEFORE PLACEMENT
  2. FIELD DRILL  $1\frac{1}{2}$ " THROUGH POST PARALLEL TO SIGN FACE
  3. EXISTING SIGNS REMOVED ARE TO BE RETURNED TO THE COUNTY
  4. POSTS ARE TO BE DISPOSED OF BY CONTRACTOR

SIGN INSTALLATION  
DETAIL  
NTS  
1  
C1.1



TURN LANE CHANNELIZATION  
DETAIL  
1"=80'  
2  
C1.1

- STRIPING LEGEND:
- (W) INSTALL 4" WHITE LINE. SEE ODOT STD. DWG. TM500
  - (WD) INSTALL 4" WHITE DOTTED LINE. SEE ODOT STD. DWG. TM500
  - (W-2) INSTALL 8" WHITE LINE. SEE ODOT STD. DWG. TM500
  - (Y) INSTALL 4" YELLOW LINE. SEE ODOT STD. DWG. TM500
  - (D) INSTALL DOUBLE NO-PASS. SEE ODOT STD. DWG. TM500 & TM539
  - (WB) INSTALL 4" YELLOW BROKEN LINE. SEE ODOT STD. DWG. TM500
  - (RA) INSTALL RIGHT TURN ARROW (WHITE). SEE ODOT STD. DWG. TM501
  - (LA) INSTALL LEFT TURN ARROW (WHITE). SEE ODOT STD. DWG. TM501 & TM531

\*RIGHT TURN POCKET WAS ADJUSTED TO 50' AT RIVERVIEW DR. NORTH

FINAL BID DOCUMENTS

REVISIONS	DATE	BY	DESIGNED DWL
			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY	
FILE NAME BE-2509-002-C1.1-NT00	
JOB No. 297-2509-002	
DATE 1/6/2017	



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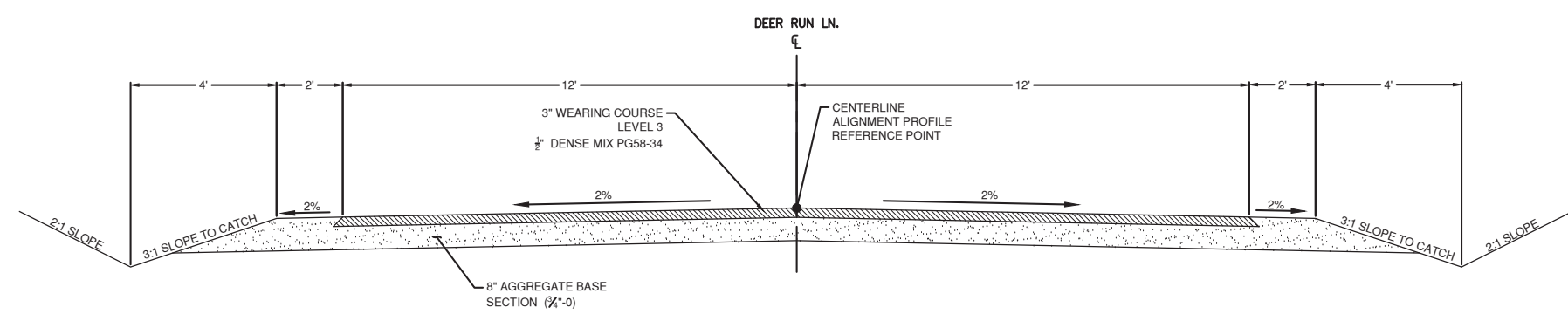
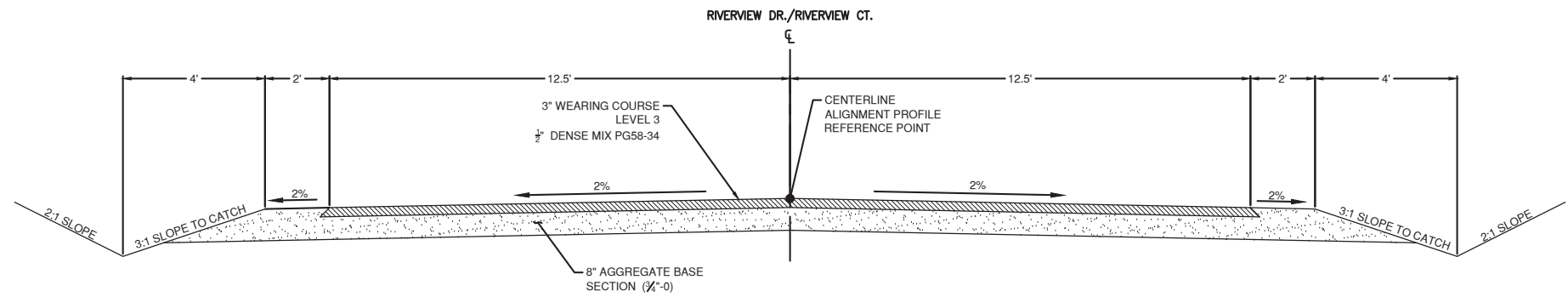
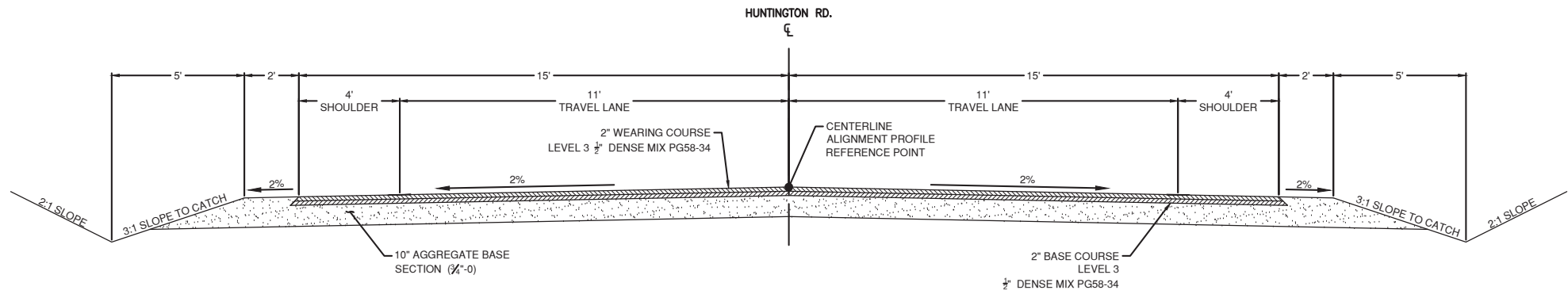
PROJECT NAME  
**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

**CONSTRUCTION NOTES**

DRAWING NO.  
02 OF 36

**C1.1**

LAYOUT: C2.0-TYPICAL SECTIONS      PATH: U:\Bend\Projects\Clients\2509-Deschutes County\297-2509-002 Huntington Rd Imprmnts\995\cadd\DWG      PLOTTED BY: lowredon      DATE: Thursday, April 20, 2017 11:00:13 AM



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PROJECT NAME

**HUNTINGTON ROAD IMPROVEMENTS**

DESCHUTES COUNTY

**TYPICAL SECTIONS**

DRAWING NO.  
03 OF 36

**C2.0**

FINAL BID DOCUMENTS

REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			CHECKED
			BCJ
			APPROVED
			BCJ

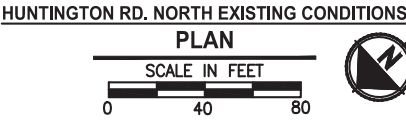
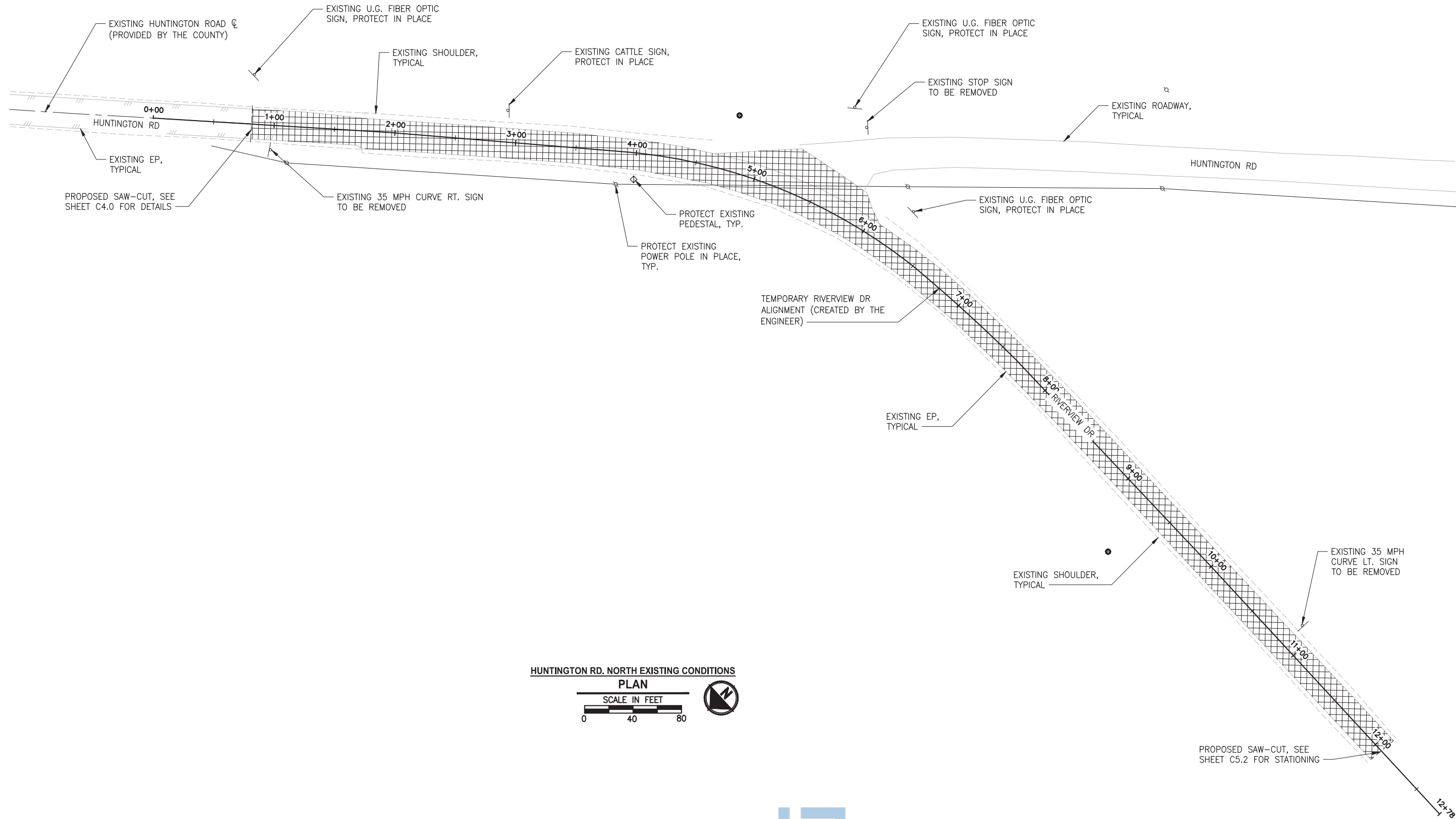
ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

FILE NAME  
BE-2509-002-C2.0-TS00

JOB No.  
297-2509-002

DATE  
1/6/2017

LAYOUT: C3.0-EXISTING CONDITIONS      PATH: U:\Bend\Projects\Clients\Deschutes County\297-2509-002 Huntington Rd Improvements\995\cadd\DWG      PLOTTED BY: lowredon      DATE: Thursday, April 20, 2017 11:00:30 AM



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PROJECT NAME

**HUNTINGTON ROAD IMPROVEMENTS**

DESCHUTES COUNTY

**EXISTING CONDITIONS & DEMO**

DRAWING NO.  
04 OF 36

**C3.0**

FINAL BID DOCUMENTS

REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			CHECKED
			BCJ
			APPROVED
			BCJ

ONE INCH AT FULL SCALE.  
IF NOT, SCALE ACCORDINGLY

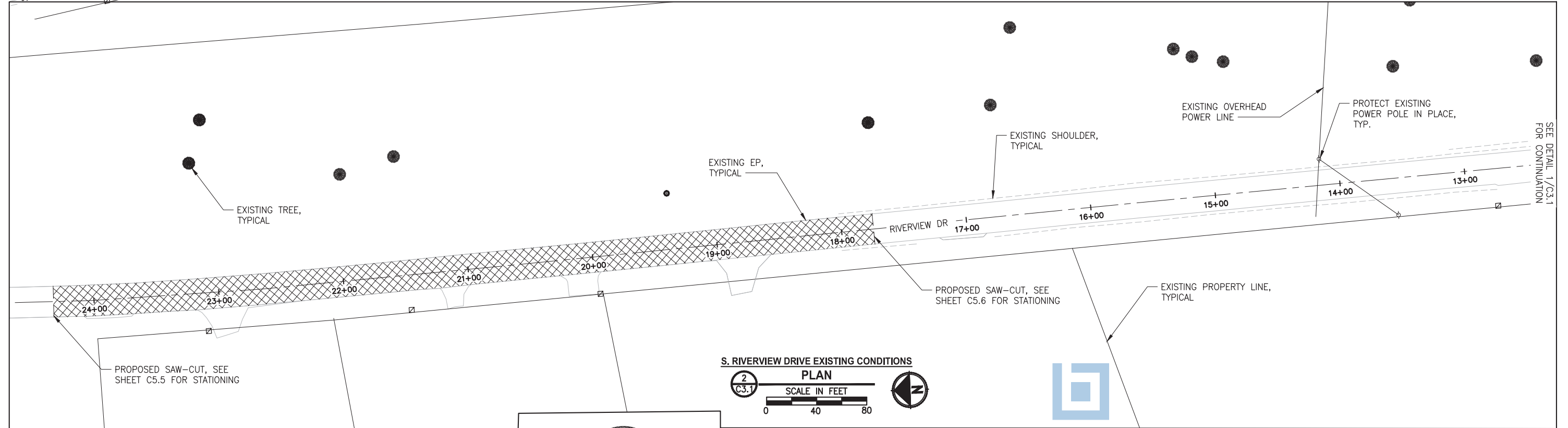
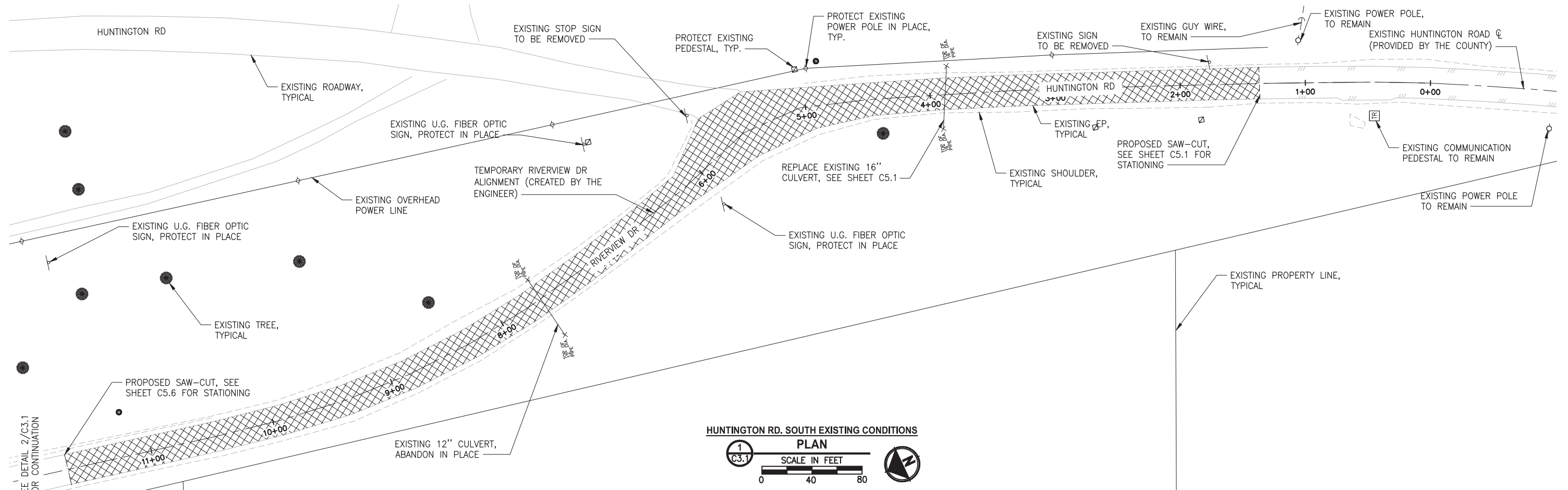
FILE NAME  
BE-2509-002-C3.0-EC00

JOB No.  
297-2509-002

DATE  
1/6/2017



LAYOUT: C3.1-EXISTING CONDITIONS      PATH: U:\Bend\Projects\Clients\2509-Deschutes County\297-2509-002 Huntington Rd Improvements\995\Drawings\CADD\DWG      PLOTTED BY: lowredon      DATE: Thursday, April 20, 2017 11:00:33 AM



REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			CHECKED
			BCJ
			APPROVED
			BCJ

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BE-2509-002-C3.0-EC00

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PROJECT NAME

**HUNTINGTON ROAD IMPROVEMENTS**

DESCHUTES COUNTY

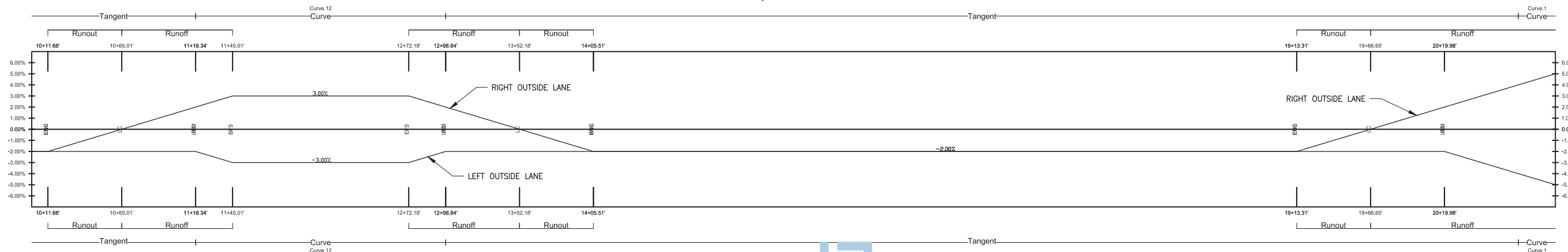
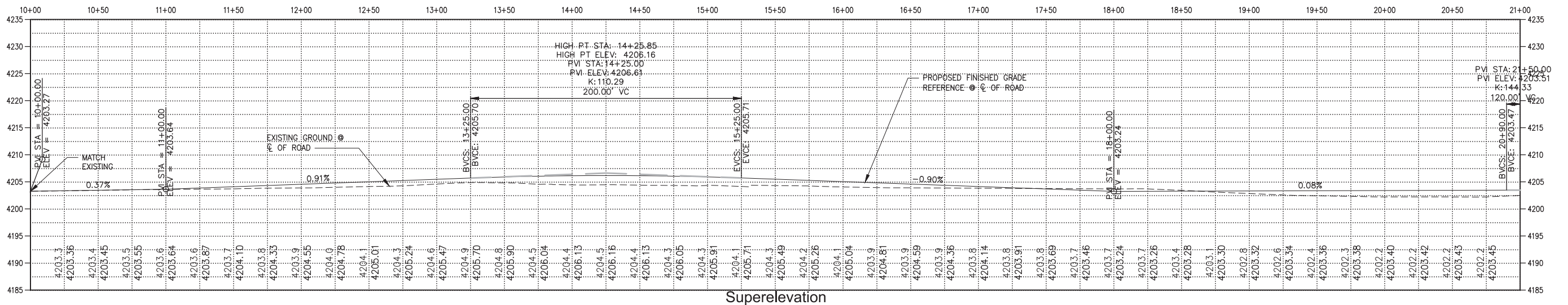
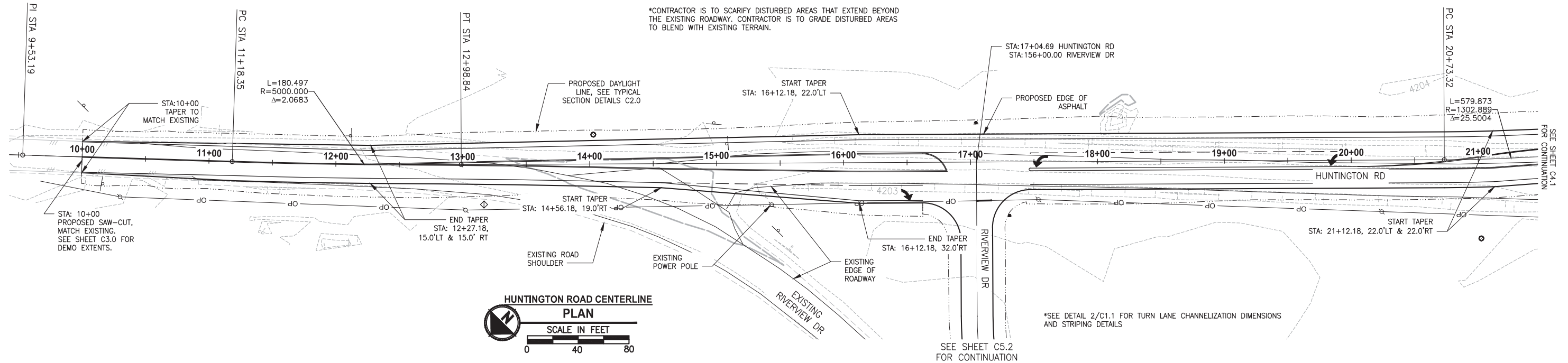
**EXISTING CONDITIONS & DEMO**

DRAWING NO.  
05 OF 36

**C3.1**

FINAL BID DOCUMENTS

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			CHECKED BCJ
			APPROVED BCJ

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PROJECT NAME

**HUNTINGTON ROAD IMPROVEMENTS**

DESCHUTES COUNTY

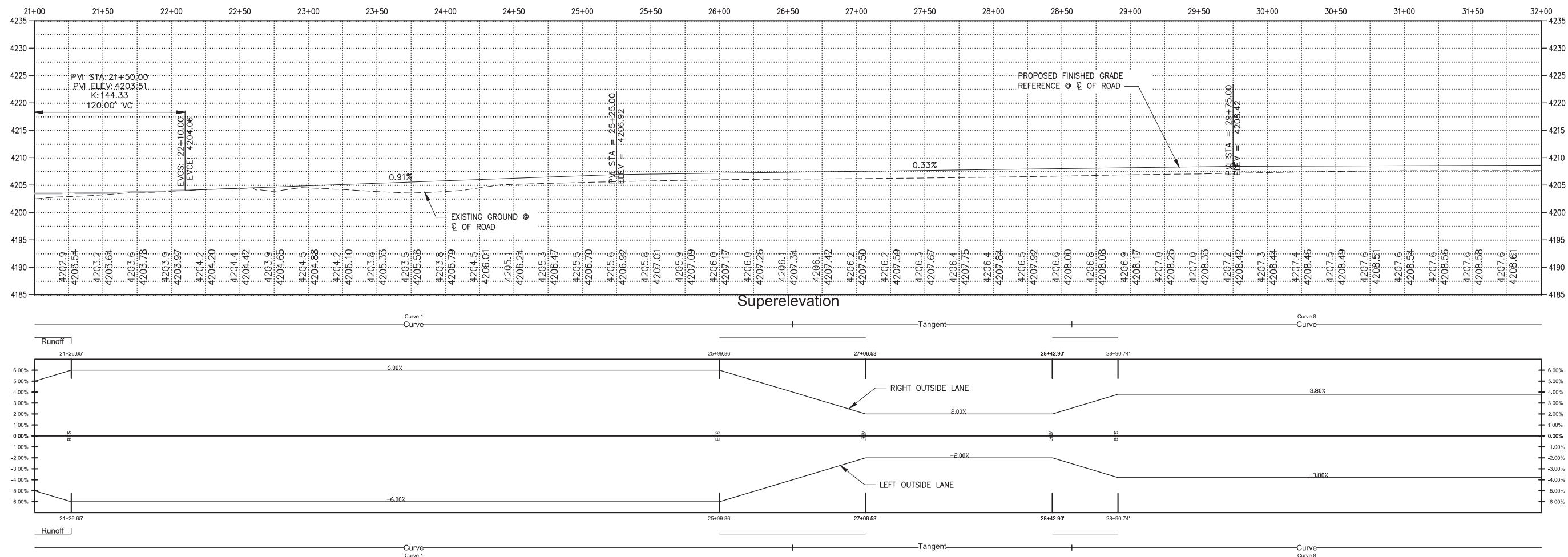
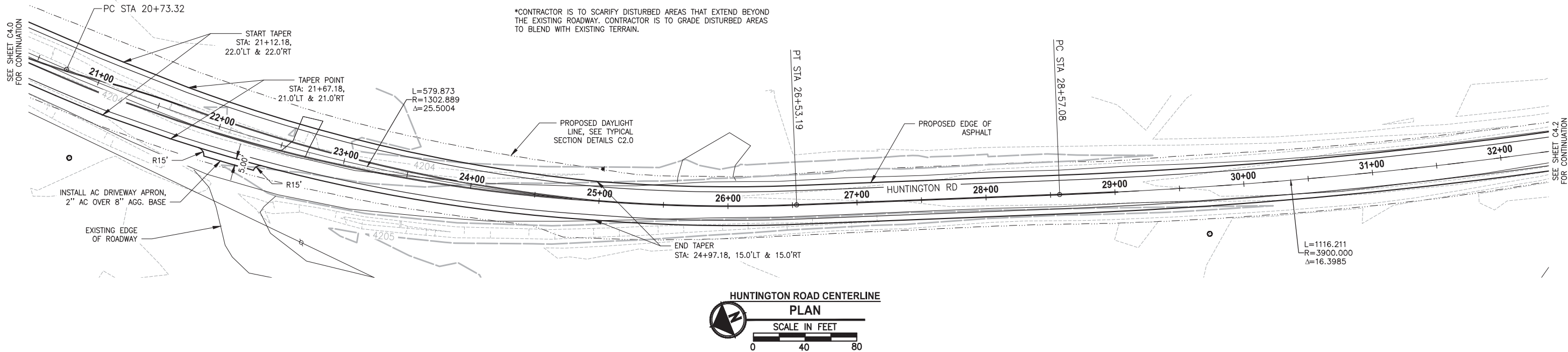
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**PLAN & PROFILE, STA 10+00 - 21+00**

DRAWING NO.  
06 OF 36

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LAYOUT: C4.1 P&P STA. 21+00 - 32+00  
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PLOTED BY: lwredon DATE: Thursday, April 20, 2017 11:01:10 AM



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			APPROVED BCJ

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DESCHUTES COUNTY

FINAL BID DOCUMENTS

PLAN & PROFILE, STA 21+00 - 32+00

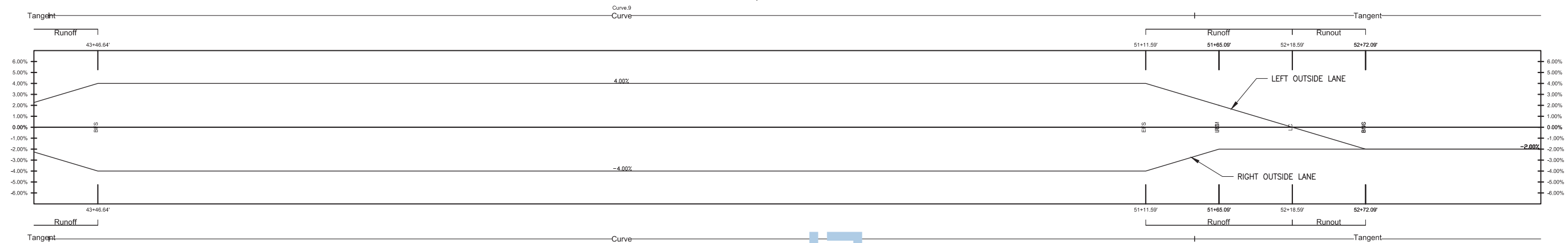
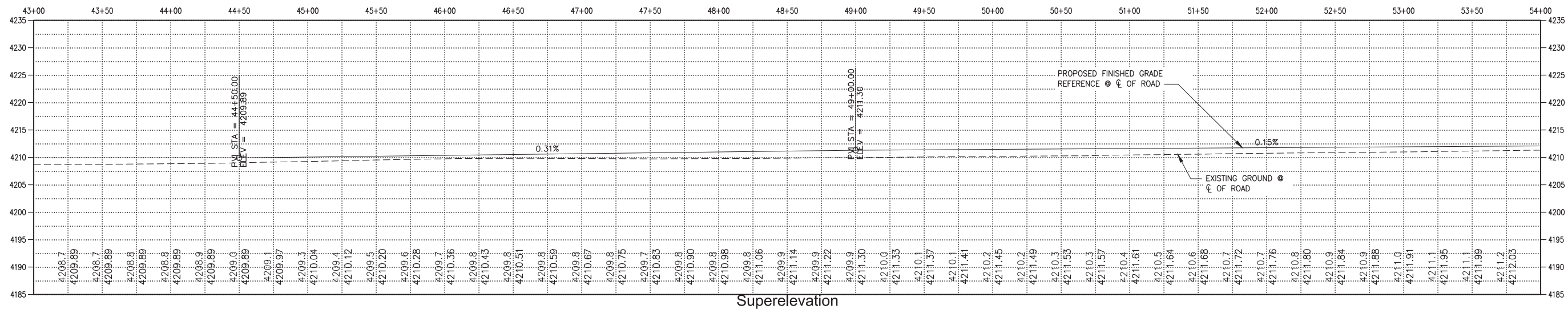
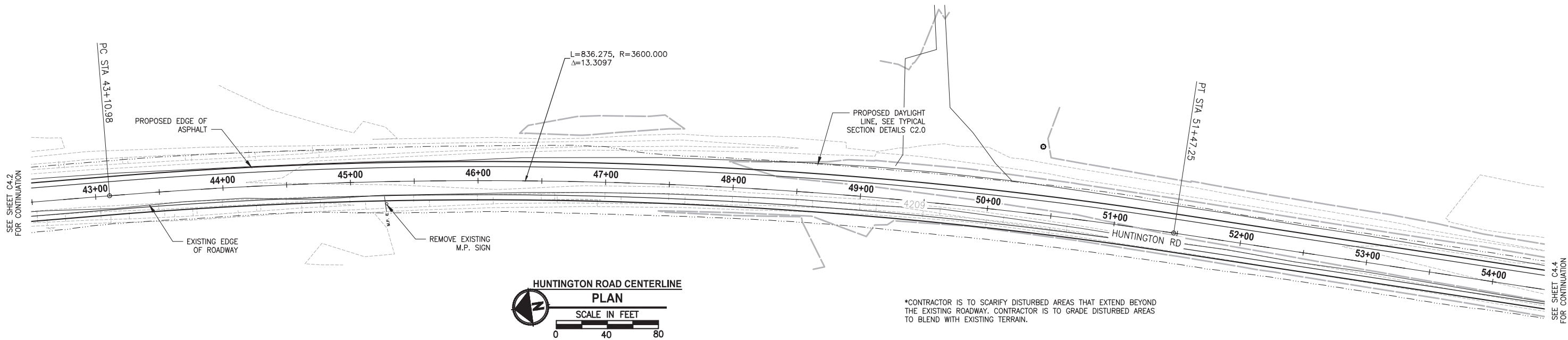
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C4.1





LAYOUT: C4.3 P&P STA 43+00-54+00      PATH: U:\Bend\Projects\Clients\2509-Deschutes County\297-2509-002 Huntington Rd Improvements\995\cadd\dwg      PLOTTED BY: lawredan      DATE: Thursday, April 20, 2017 11:01:40 AM



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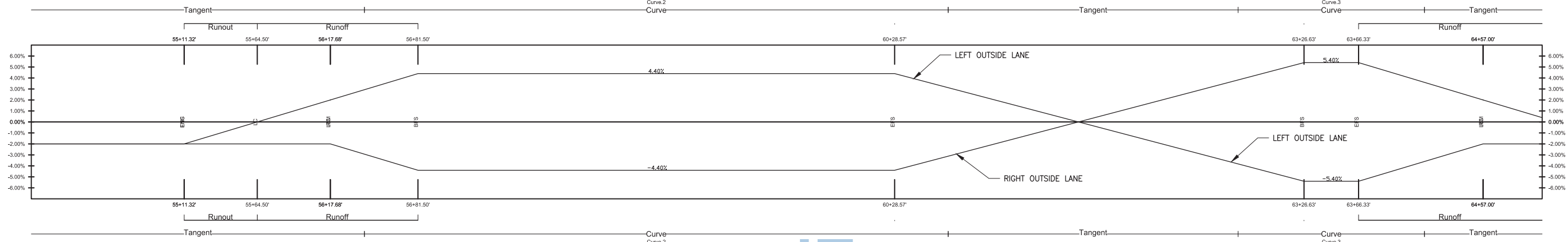
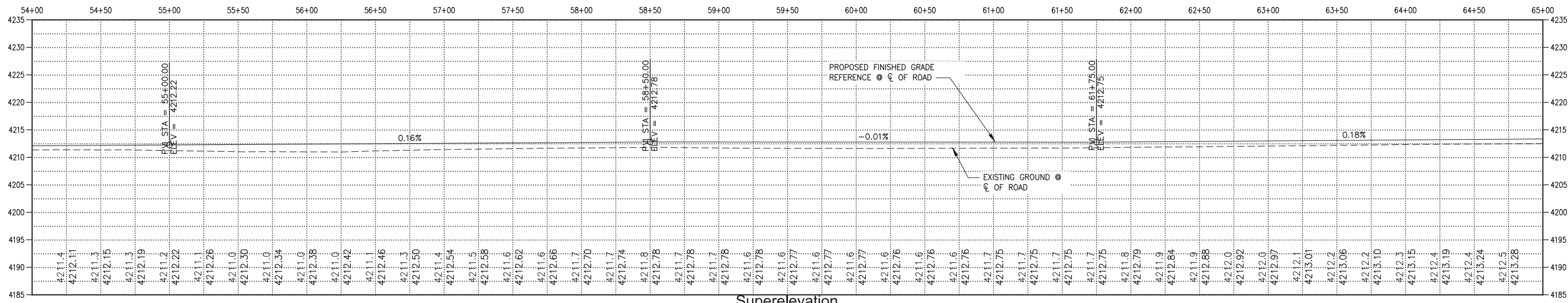
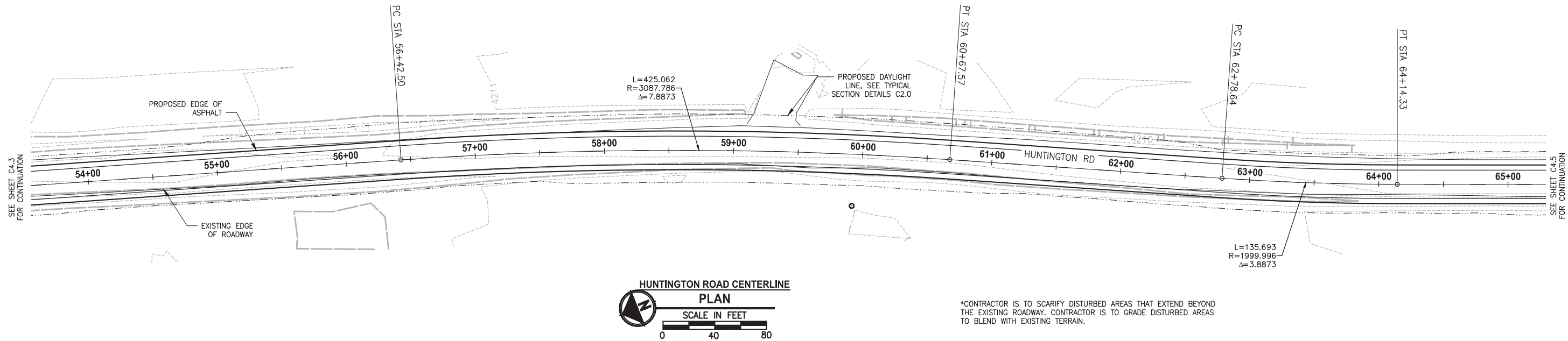
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**C4.3**

LAYOUT: C4.4 P&P STA 54+00-65+00 PATH: U:\Bent\Projects\Clients\2509-Deschutes County\2509-Deschutes County\2509-002 Huntington Rd Improvements\995\Drawings\CADD\DWG PLOTTED BY: lawredan DATE: Thursday, April 20, 2017 11:01:55 AM



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DESCHUTES COUNTY

**PLAN & PROFILE, STA 54+00 - 65+00**

DRAWING NO.  
10 OF 36  
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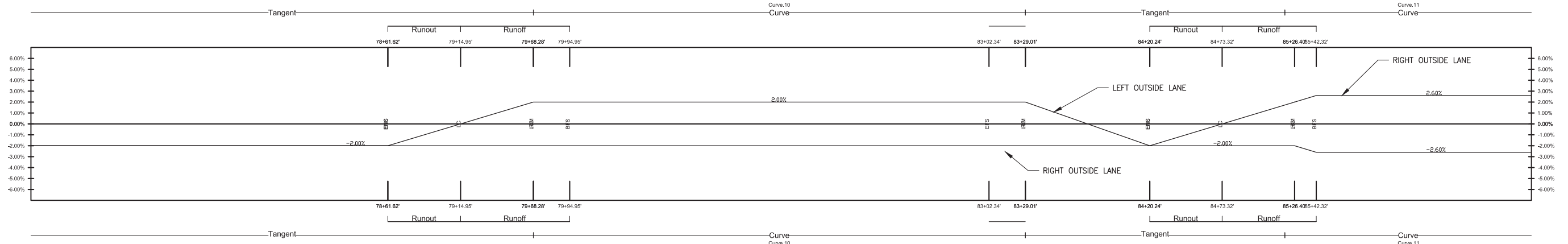
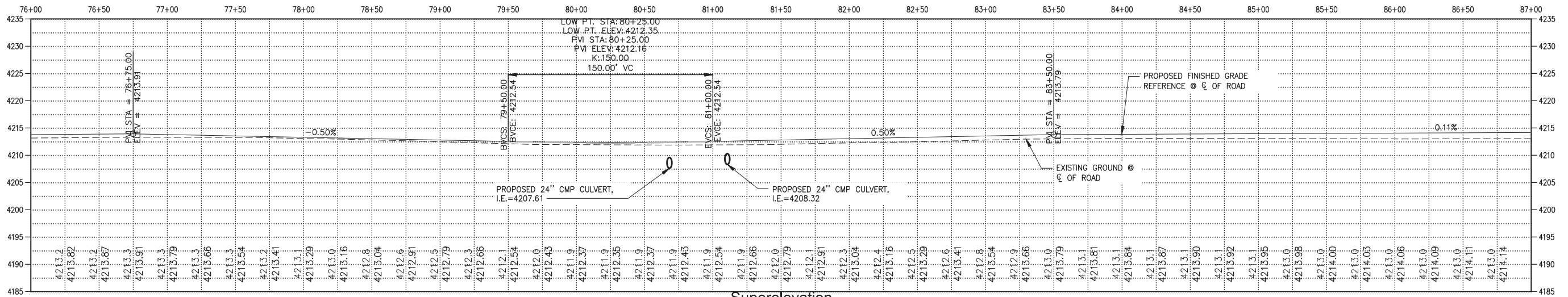
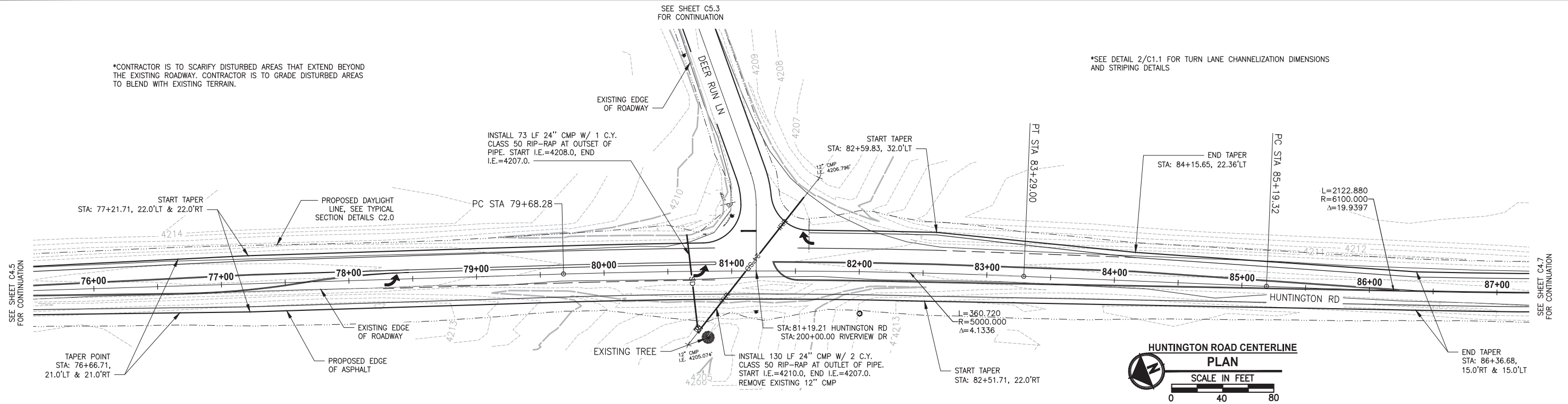
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LAYOUT: C4.6 P&P STA 76+00-87+00 PATH: U:\Bent\Projects\Clients\2509-Deschutes County\2509-002 Huntington Rd Improvements\99Sves\CADD\DWG PLOTTED BY: lawredon DATE: Thursday, April 20, 2017 11:02:24 AM

\*CONTRACTOR IS TO SCARIFY DISTURBED AREAS THAT EXTEND BEYOND THE EXISTING ROADWAY. CONTRACTOR IS TO GRADE DISTURBED AREAS TO BLEND WITH EXISTING TERRAIN.

\*SEE DETAIL 2/C1.1 FOR TURN LANE CHANNELIZATION DIMENSIONS AND STRIPING DETAILS



REVISIONS	DATE	BY	DESIGNED
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			DWL
			BCJ
			BCJ

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DESCHUTES COUNTY

**PLAN & PROFILE, STA 76+00 - 87+00**

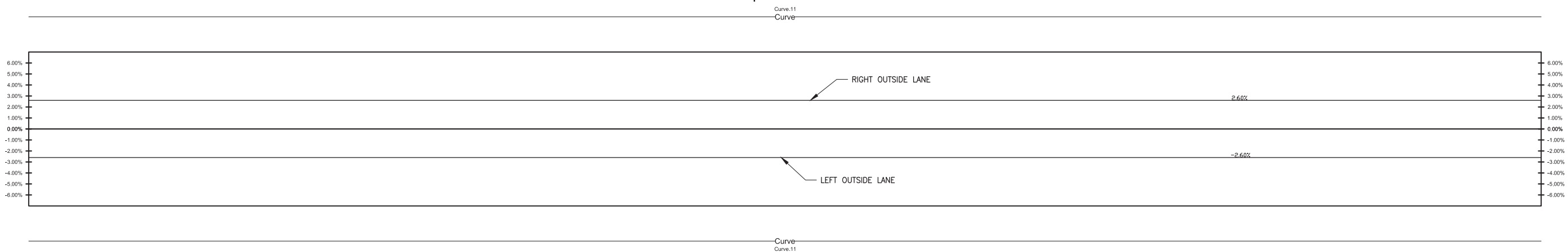
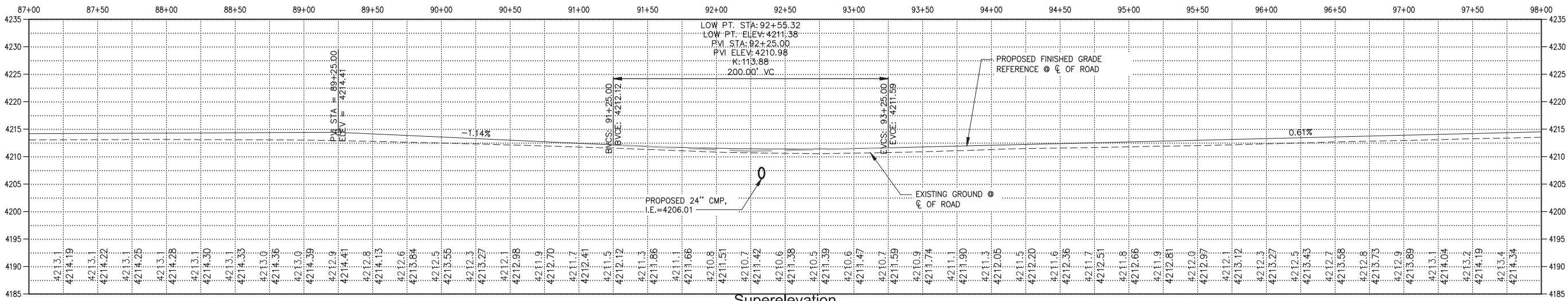
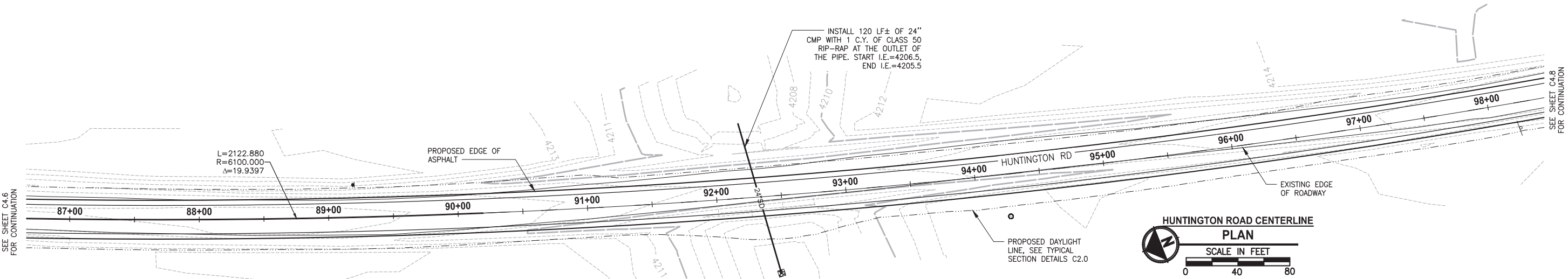
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12 OF 36

**C4.6**

FINAL BID DOCUMENTS



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REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			CHECKED
			BCJ
			APPROVED
			BCJ

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FILE NAME	BE-2509-002-C4.7-PP00
JOB No.	297-2509-002
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DESCHUTES COUNTY

**PLAN & PROFILE, STA 87+00 - 98+00**

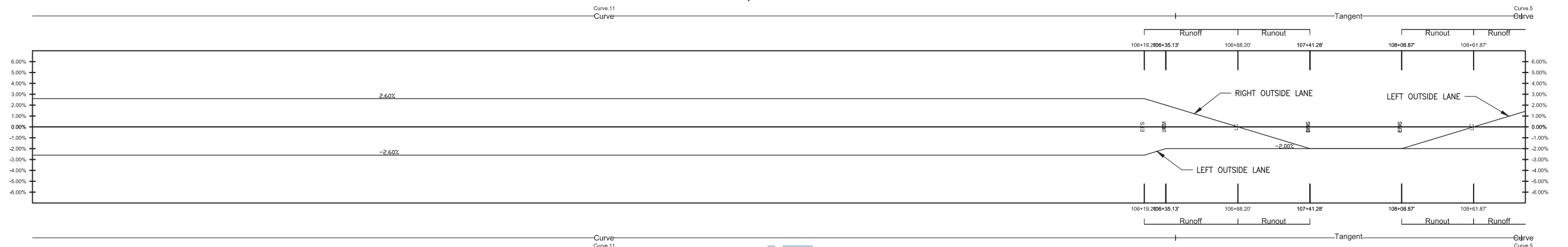
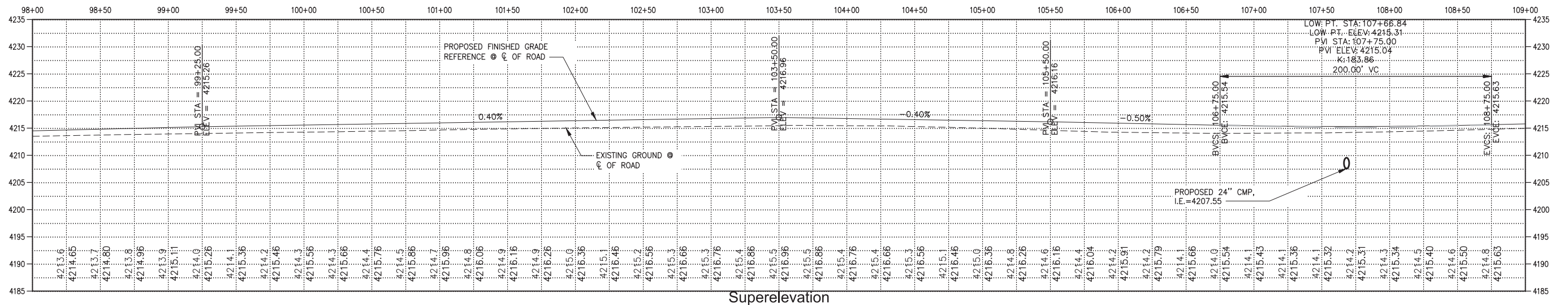
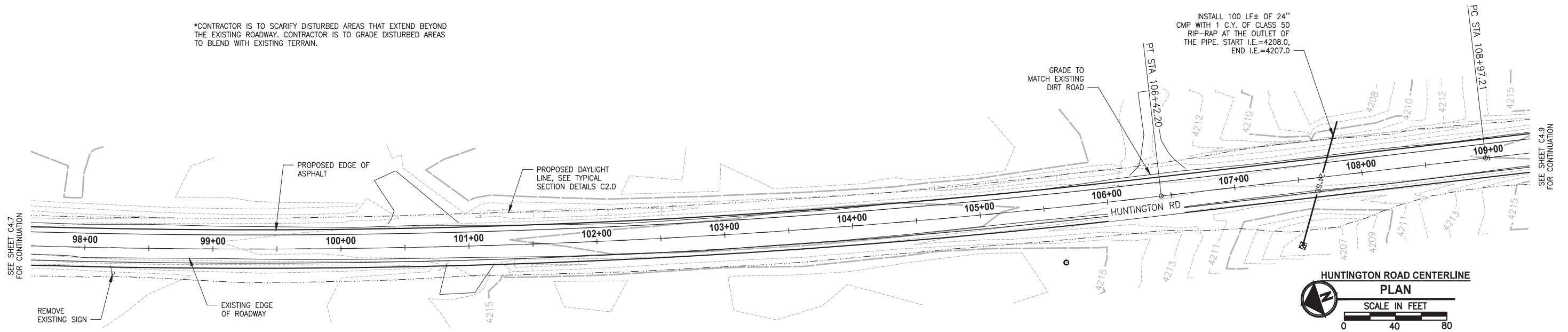
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**C4.7**

FINAL BID DOCUMENTS

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			BCJ
			BCJ

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JOB No.  
297-2509-002  
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DESCHUTES COUNTY

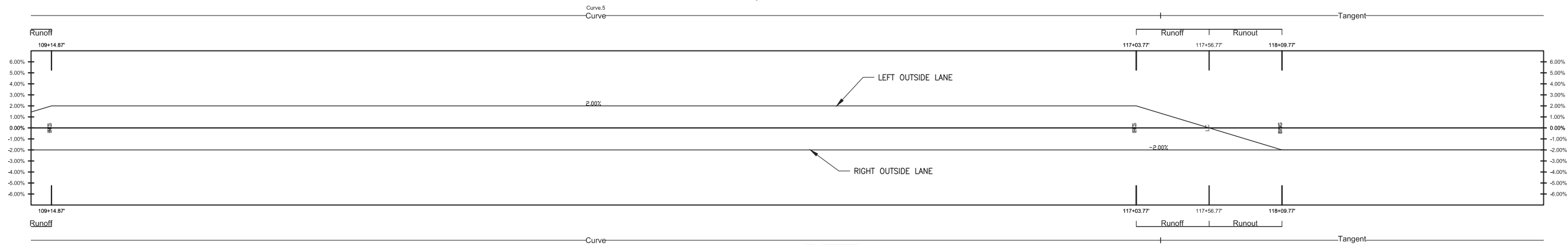
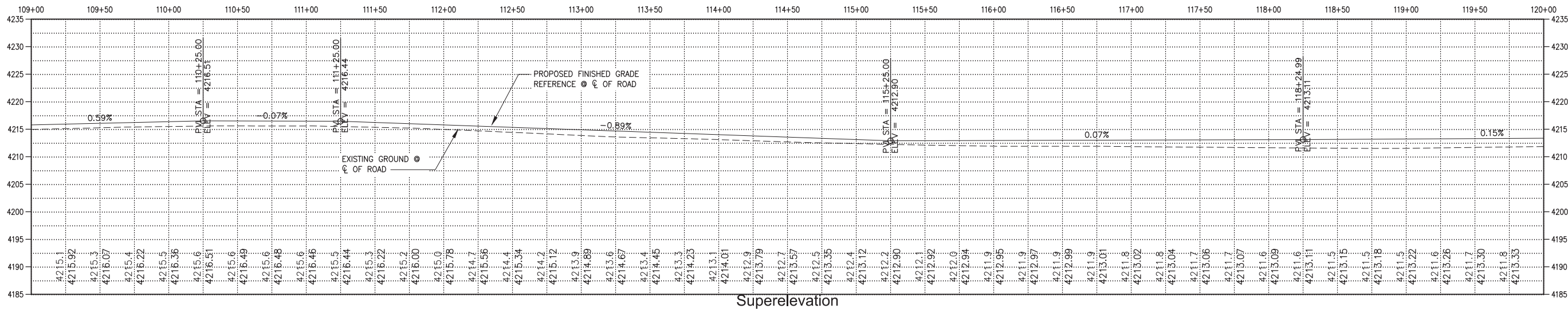
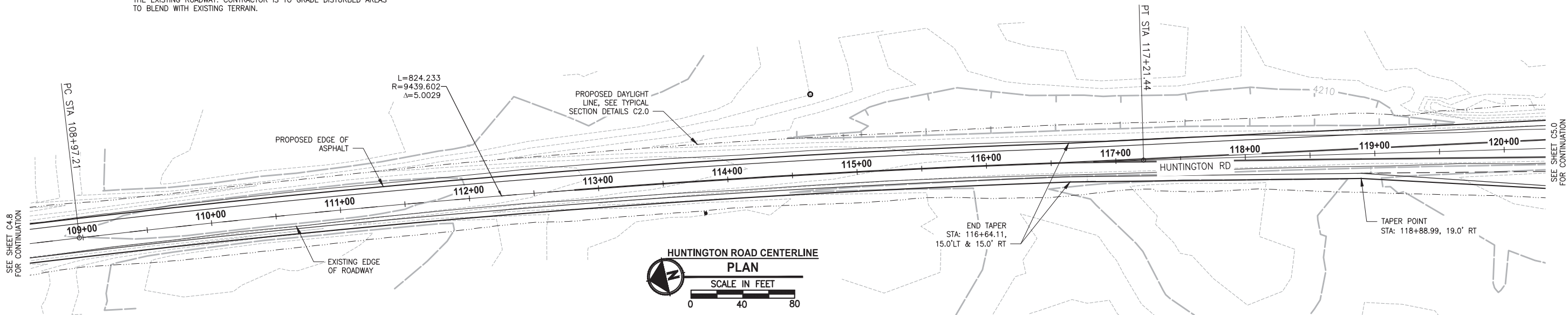
**PLAN & PROFILE, STA 98+00 - 109+00**

FINAL BID DOCUMENTS

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\*CONTRACTOR IS TO SCARIFY DISTURBED AREAS THAT EXTEND BEYOND THE EXISTING ROADWAY. CONTRACTOR IS TO GRADE DISTURBED AREAS TO BLEND WITH EXISTING TERRAIN.



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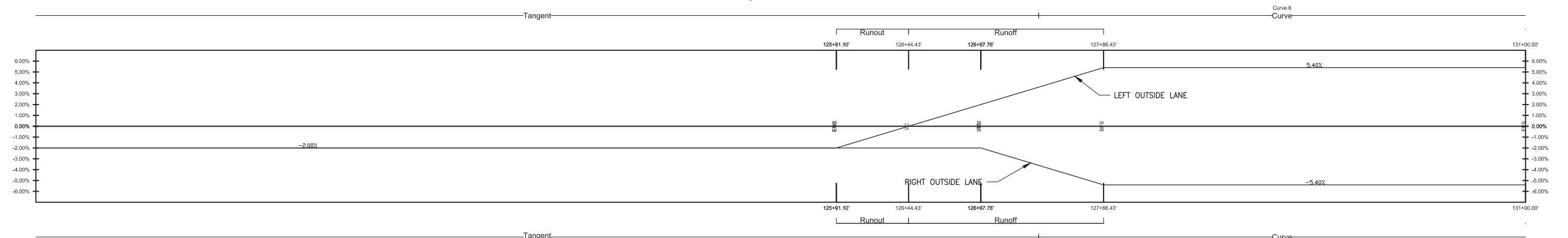
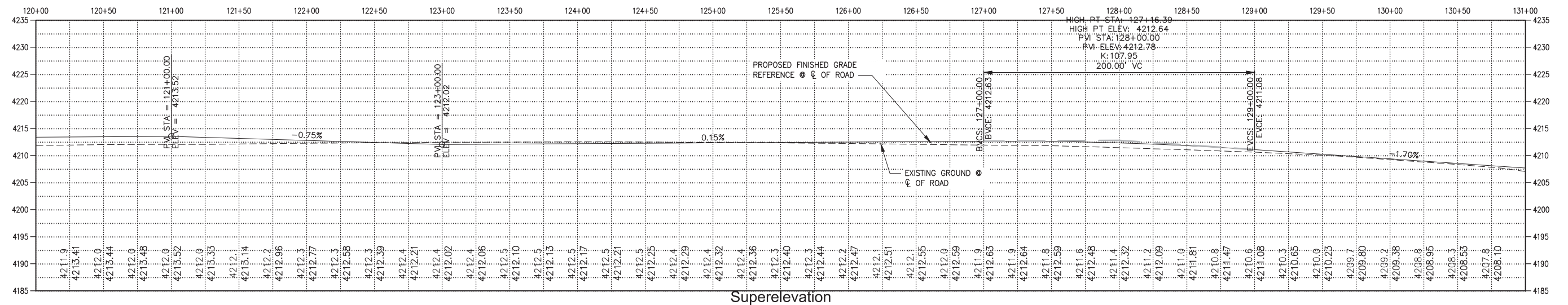
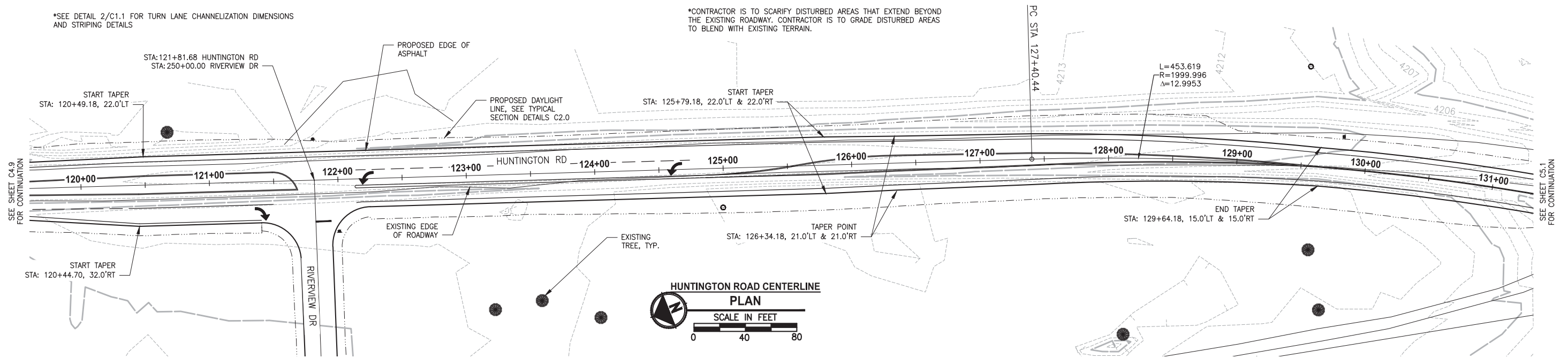
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LAYOUT: C5.0 P&P STA 120+00-131+00

\*SEE DETAIL 2/C1.1 FOR TURN LANE CHANNELIZATION DIMENSIONS AND STRIPING DETAILS

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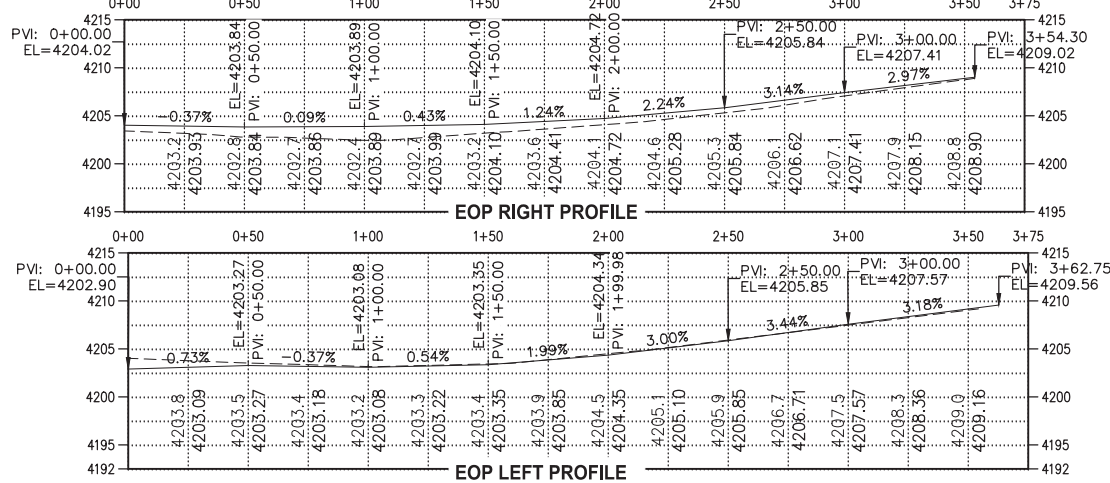
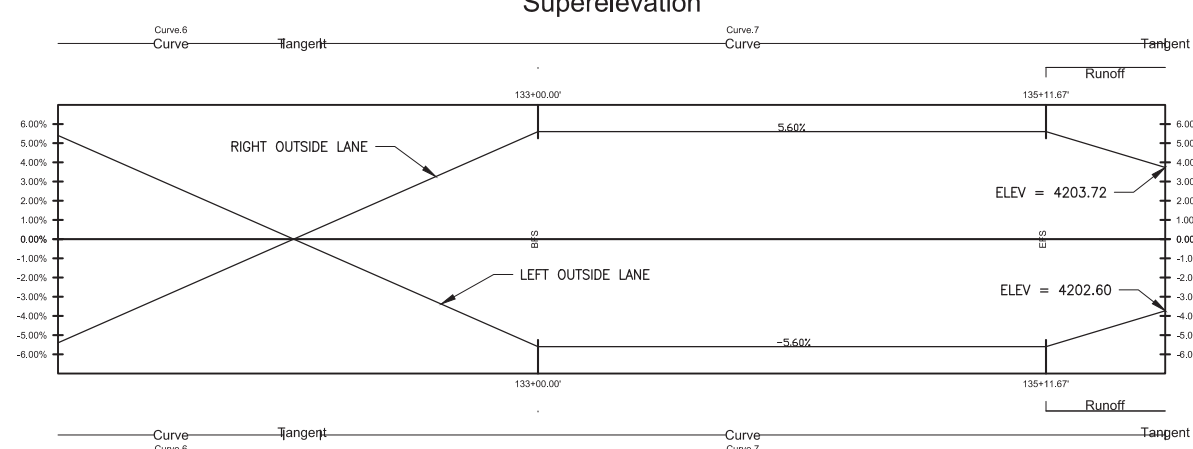
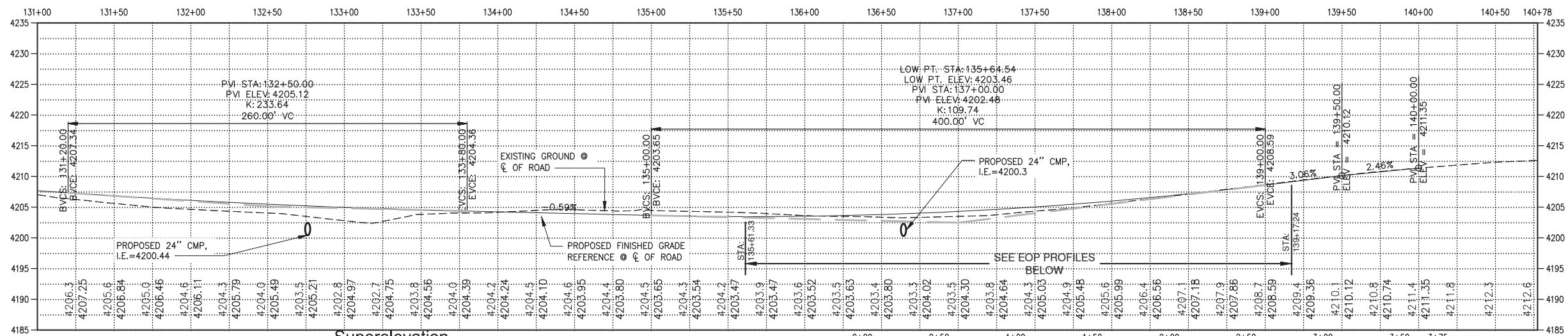
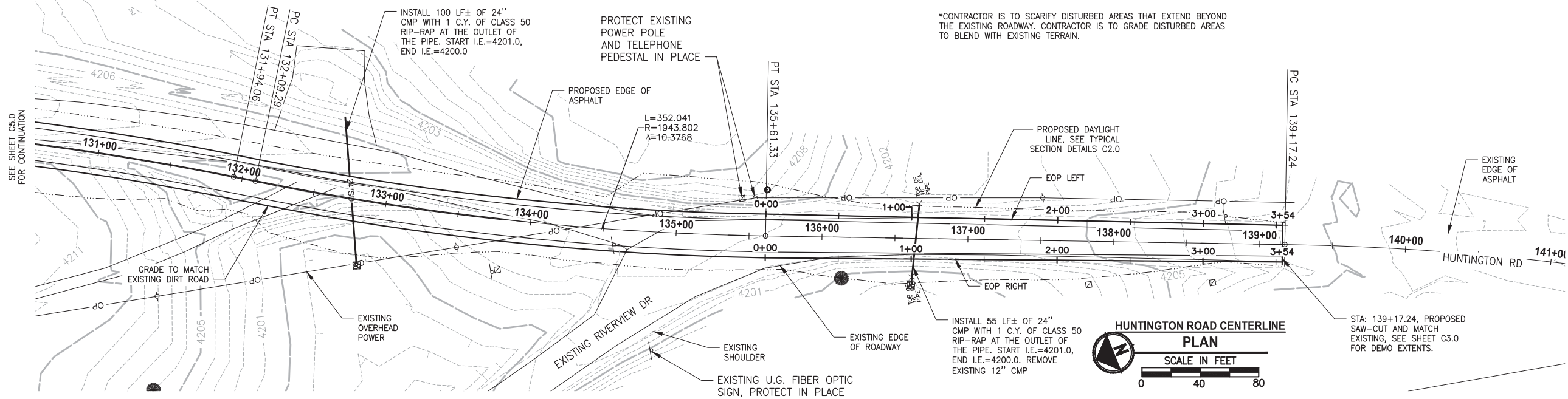
PROJECT NAME  
**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

FINAL BID DOCUMENTS  
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16 OF 36  
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**HUNTINGTON ROAD IMPROVEMENTS**

DESCHUTES COUNTY

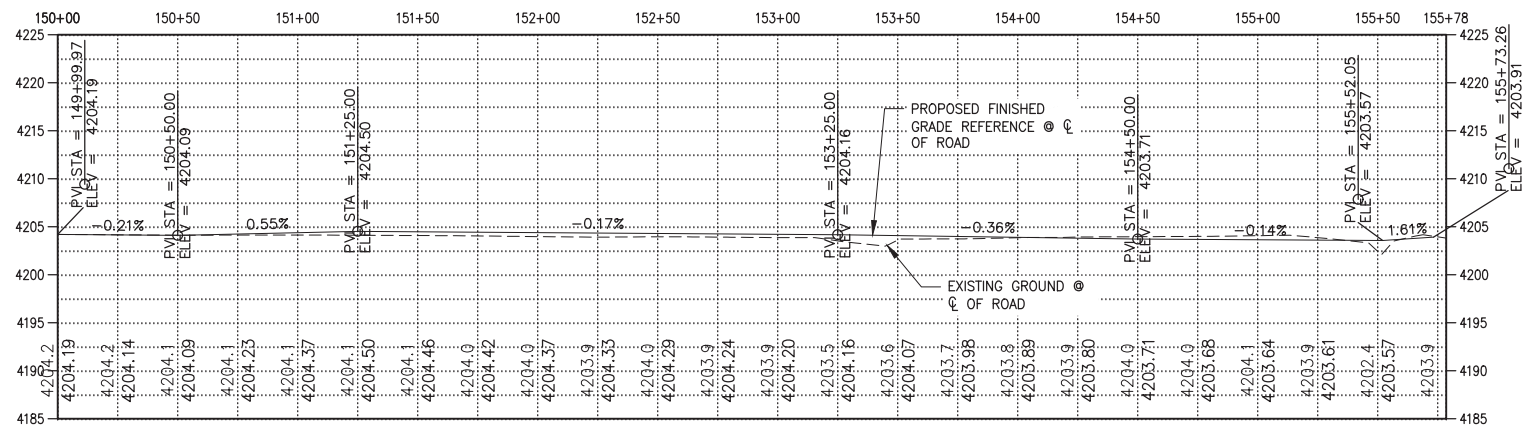
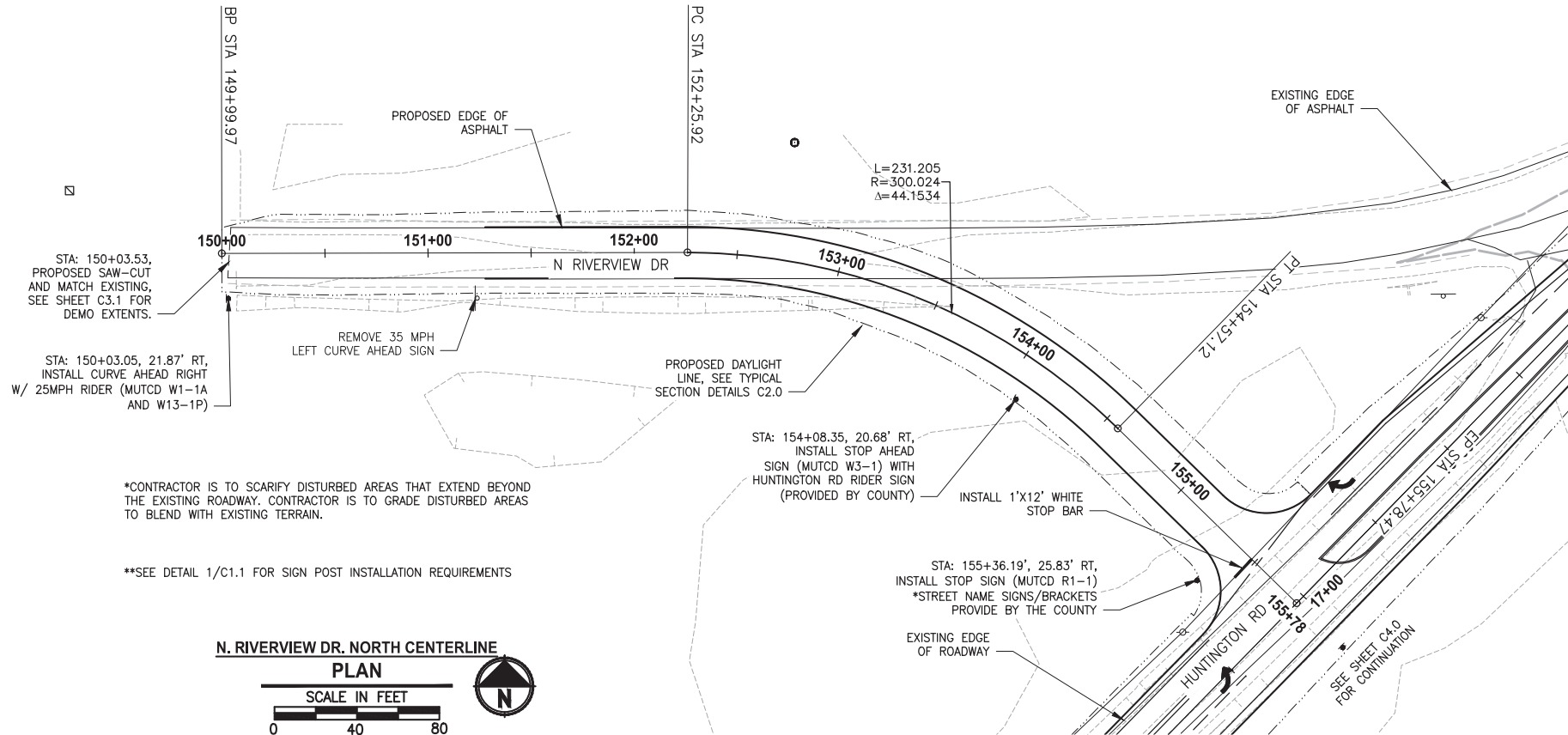
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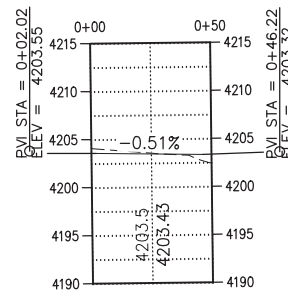
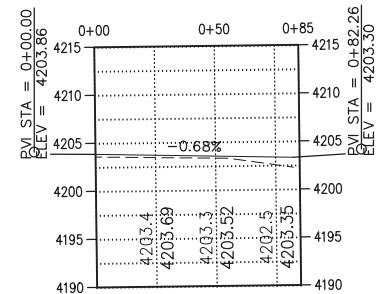
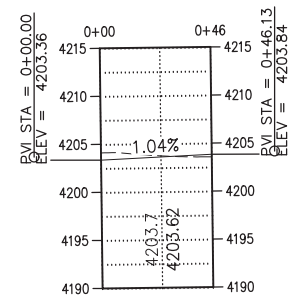
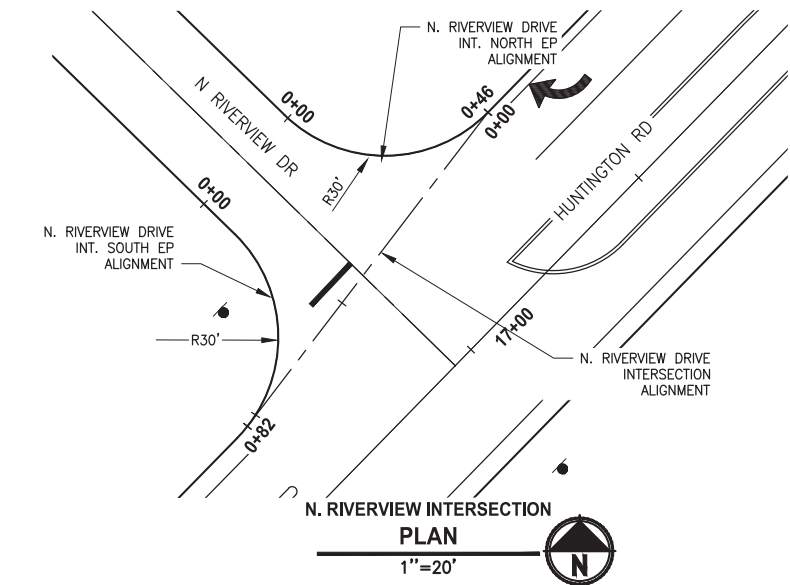
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RIVERVIEW DR. PROFILE

HORIZ: 1"=40'  
VERT: 1"=10'



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JOB No. 297-2509-002
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DESCHUTES COUNTY

**PLAN & PROFILE, RIVERVIEW NORTH**

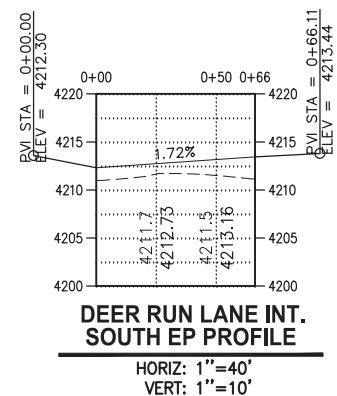
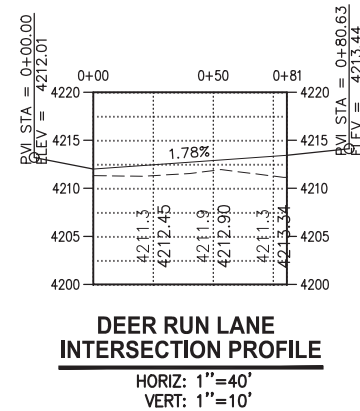
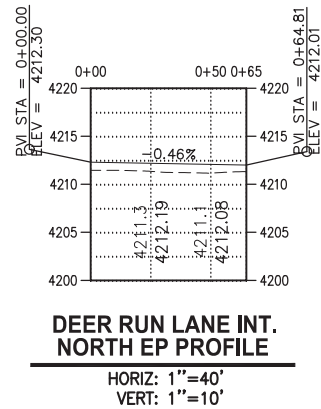
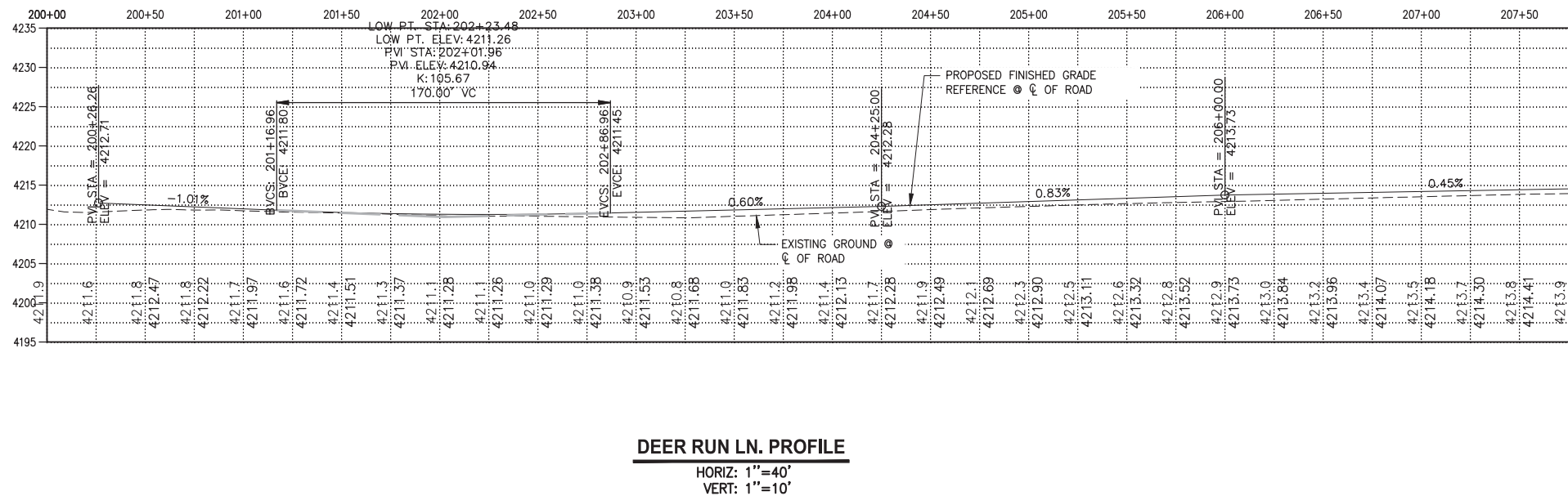
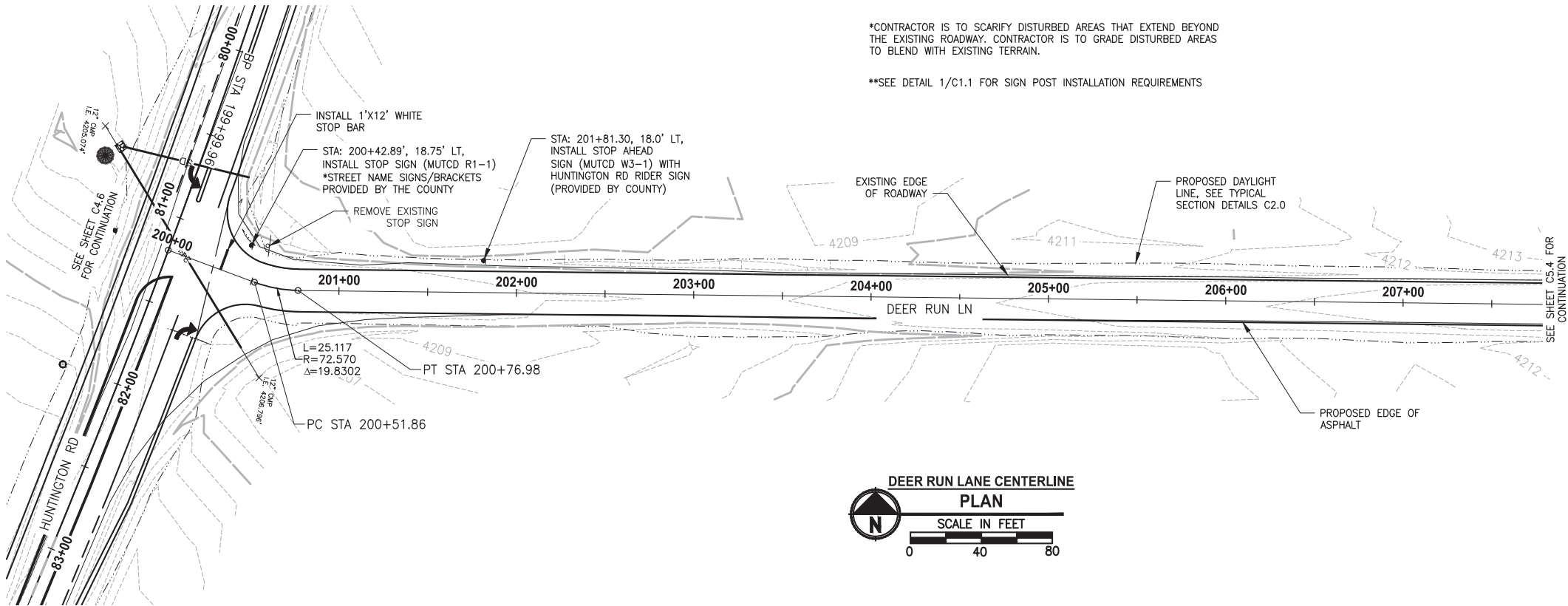
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DRAWING NO.  
18 OF 36

**C5.2**

FINAL BID DOCUMENTS

LAYOUT: C5.3 P&P DEER RUN LN. PATH: U:\Bend\Projects\Clients\2509-Deschutes County\2509-Deschutes County\CADD\DWG. PLOTTED BY: lawredon DATE: Thursday, April 20, 2017 11:04:25 AM



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DESCHUTES COUNTY

**PLAN & PROFILE, DEER RUN LN**

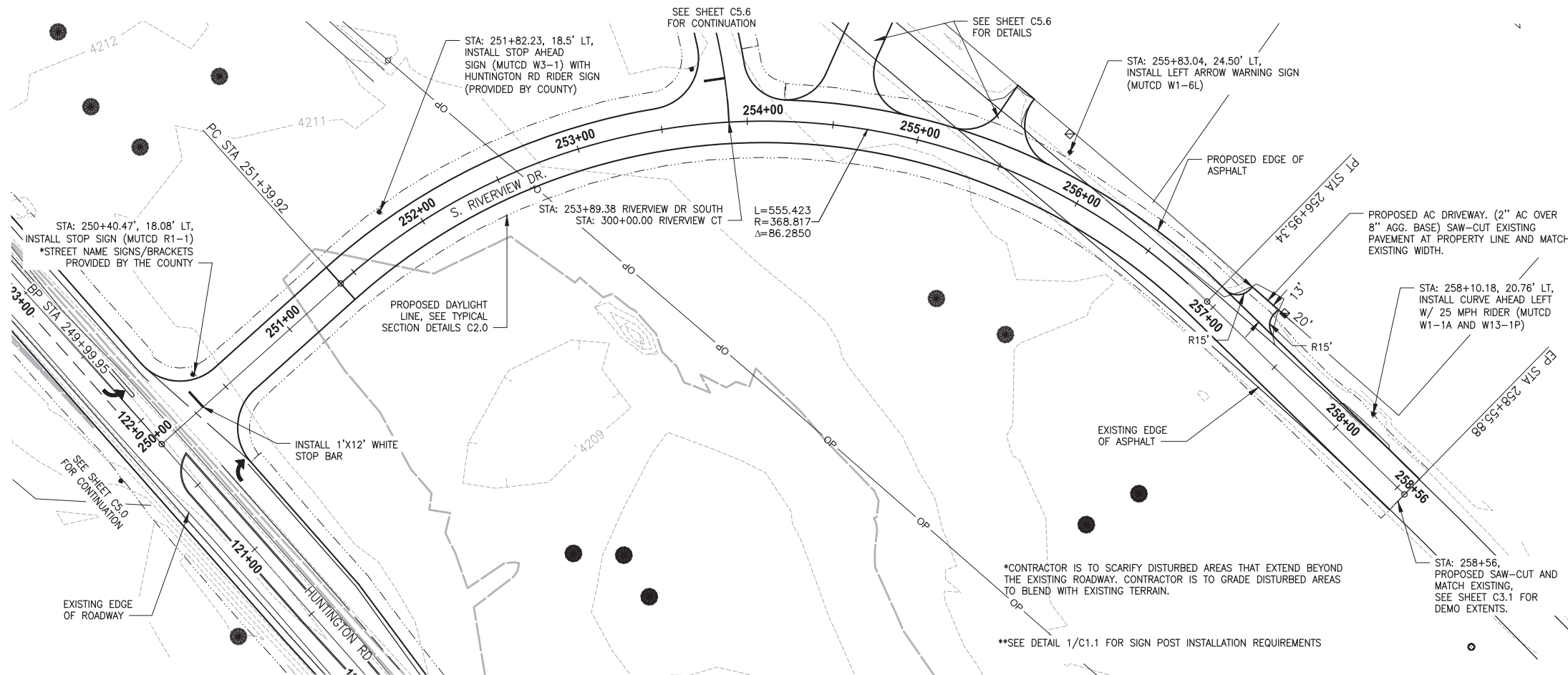
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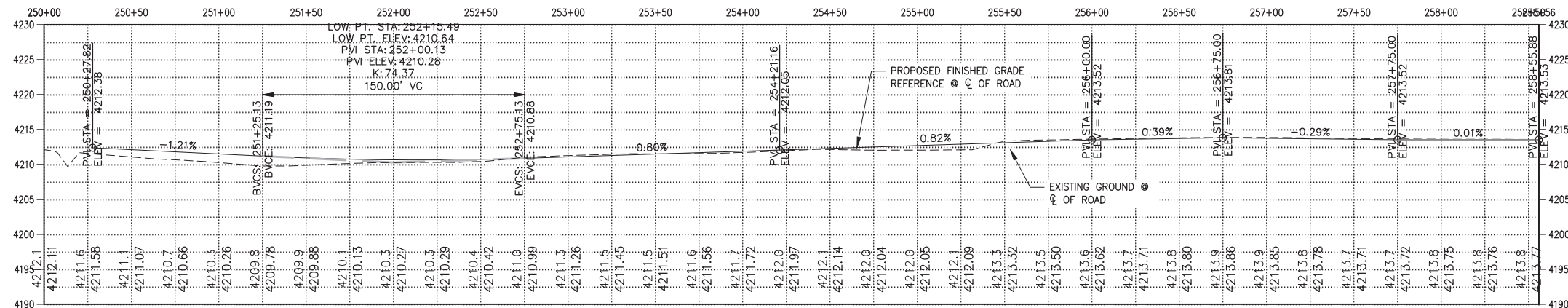




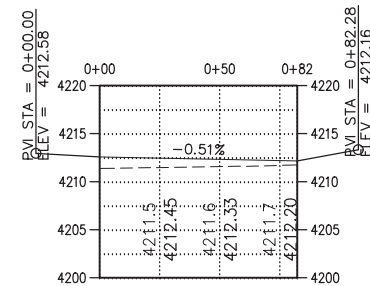
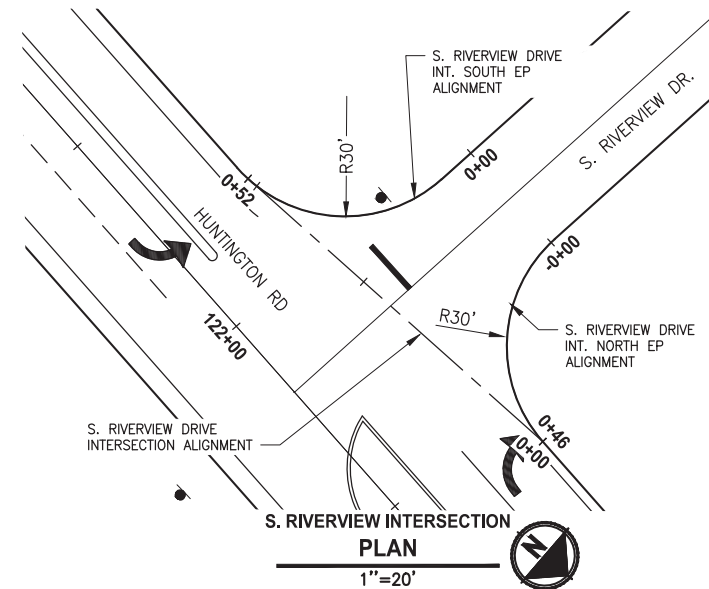
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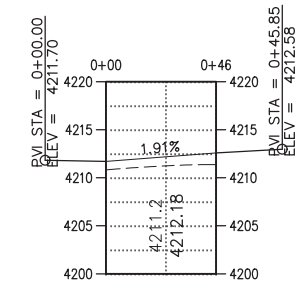
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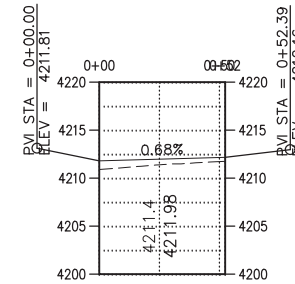
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S. RIVERVIEW DRIVE  
INTERSECTION PROFILE  
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VERT: 1"=10'



S. RIVERVIEW DRIVE INT.  
SOUTH EP PROFILE  
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VERT: 1"=10'



S. RIVERVIEW DRIVE INT.  
NORTH EP PROFILE  
HORIZ: 1"=40'  
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FINAL BID DOCUMENTS

REVISIONS	DATE	BY	DESIGNED DWL
			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
FILE NAME BE-2509-002-C5.5-PP00
JOB No. 297-2509-002
DATE 1/6/2017



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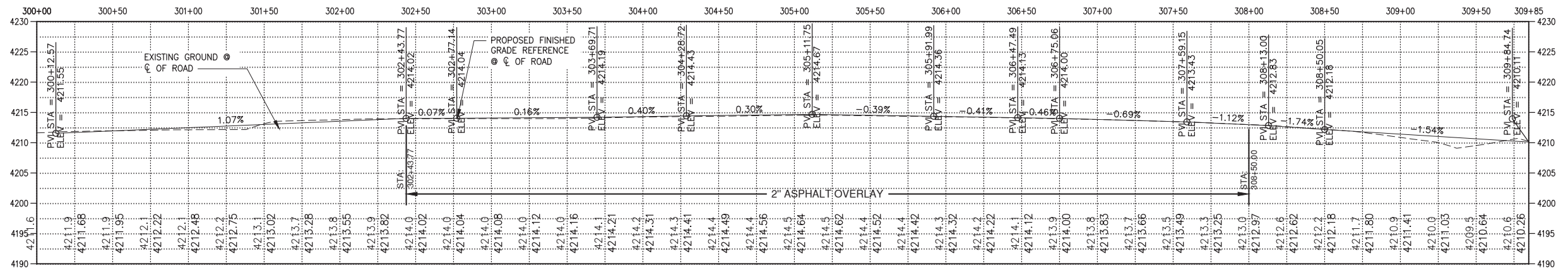
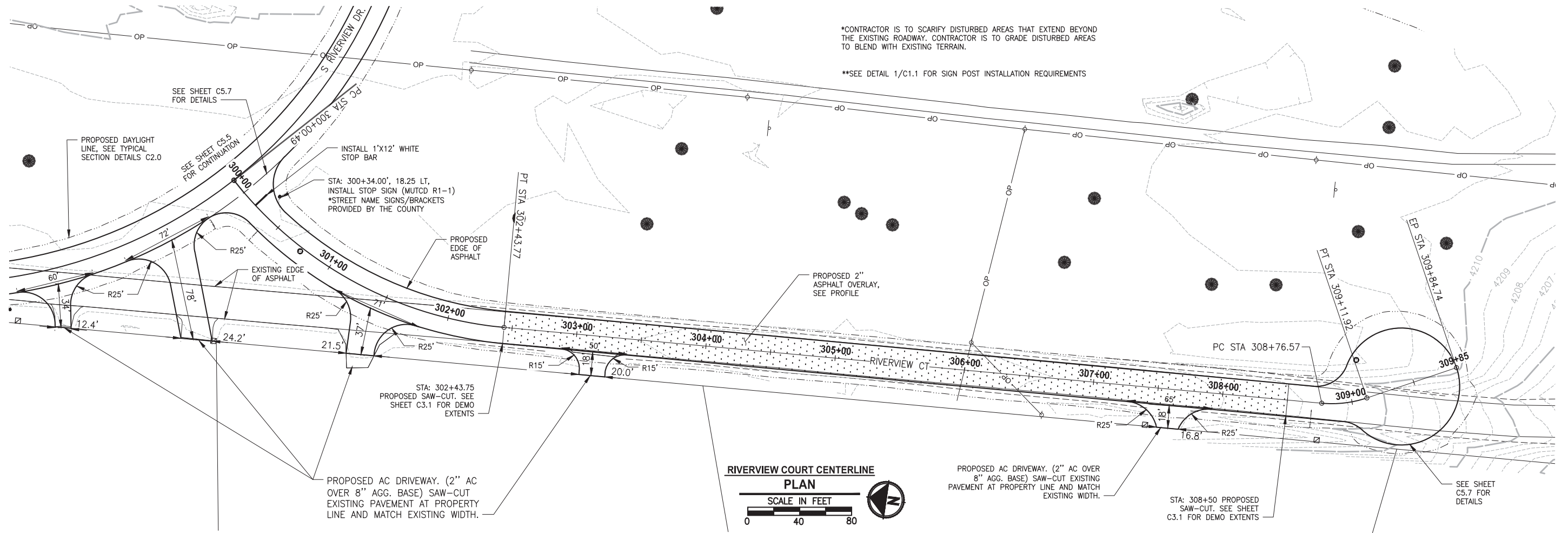
PROJECT NAME  
**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

**PLAN & PROFILE RIVERVIEW SOUTH**

DRAWING NO.  
21 OF 36

**C5.5**

LAYOUT: C5.6 P&P RIVERVIEW CT PATH: U:\Bend\Projects\Clients\Deschutes County\297-2509-002 Huntington Rd Imprmnts\95\Drawings\95\Drawings\CADD\DWG PLOTTED BY: lawredon DATE: Thursday, April 20, 2017 11:05:06 AM



RIVERVIEW COURT. PROFILE  
HORIZ: 1"=40'  
VERT: 1"=10'



REVISIONS	DATE	BY	DESIGNED DWL
			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ

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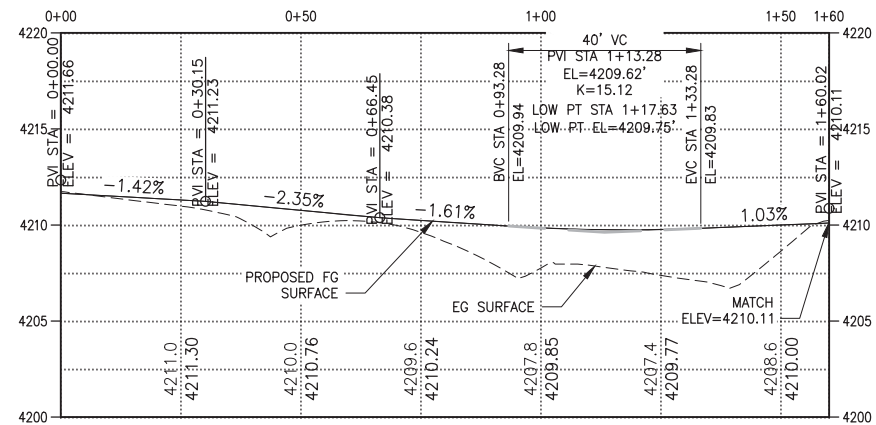
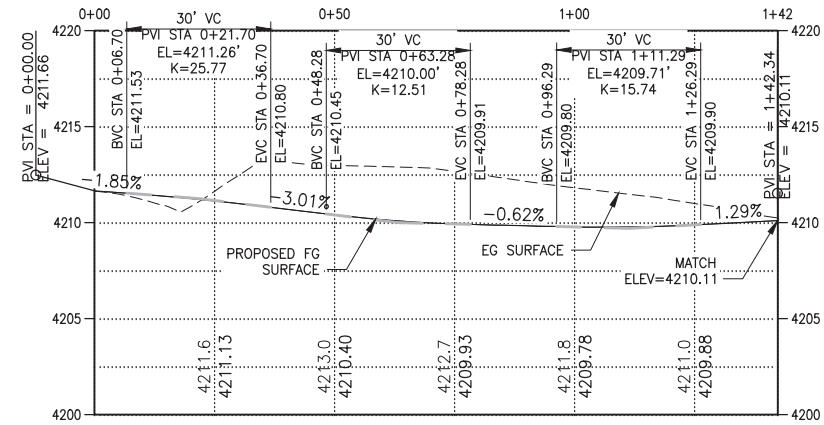
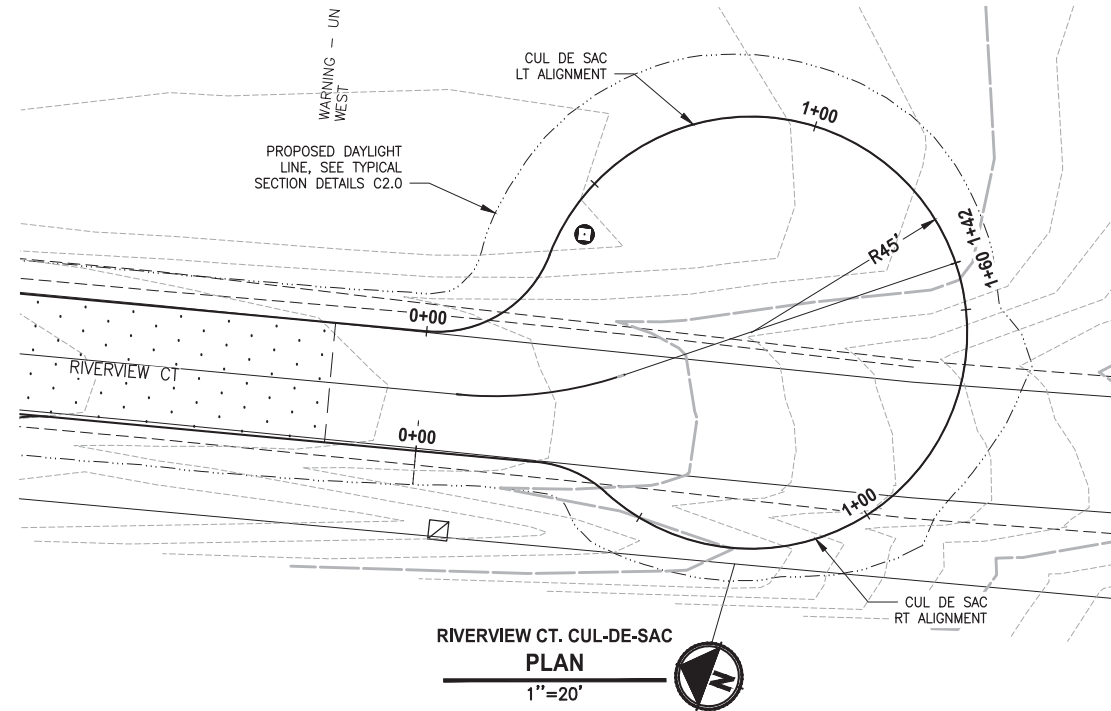
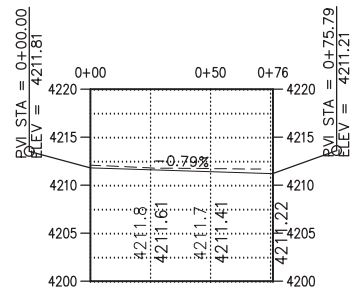
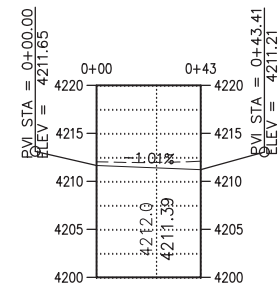
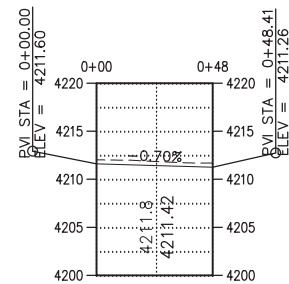
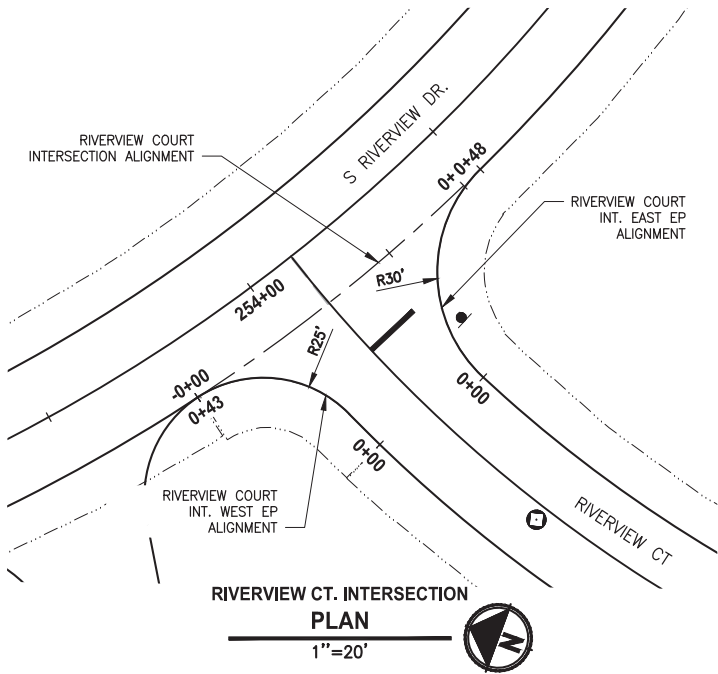
PROJECT NAME
HUNTINGTON ROAD IMPROVEMENTS
DESCHUTES COUNTY

PLAN & PROFILE RIVERVIEW CT
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DRAWING NO. 22 OF 36
C5.6

FINAL BID DOCUMENTS

LAYOUT: C5.7 P&P RIVERVIEW CT PATH: U:\Bend\Projects\Clients\2509-Deschutes County\297-2509-002 Huntington Rd Improvements\99Sves\CADD\DWG PLOTTED BY: lawredon DATE: Thursday, April 20, 2017 11:05:10 AM



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JOB No.  
297-2509-002  
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1/6/2017

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			CHECKED BCJ
			APPROVED BCJ

FINAL BID DOCUMENTS

PROJECT NAME  
**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

**PLAN & PROFILE RIVERVIEW CT**

DRAWING NO.  
23 OF 36

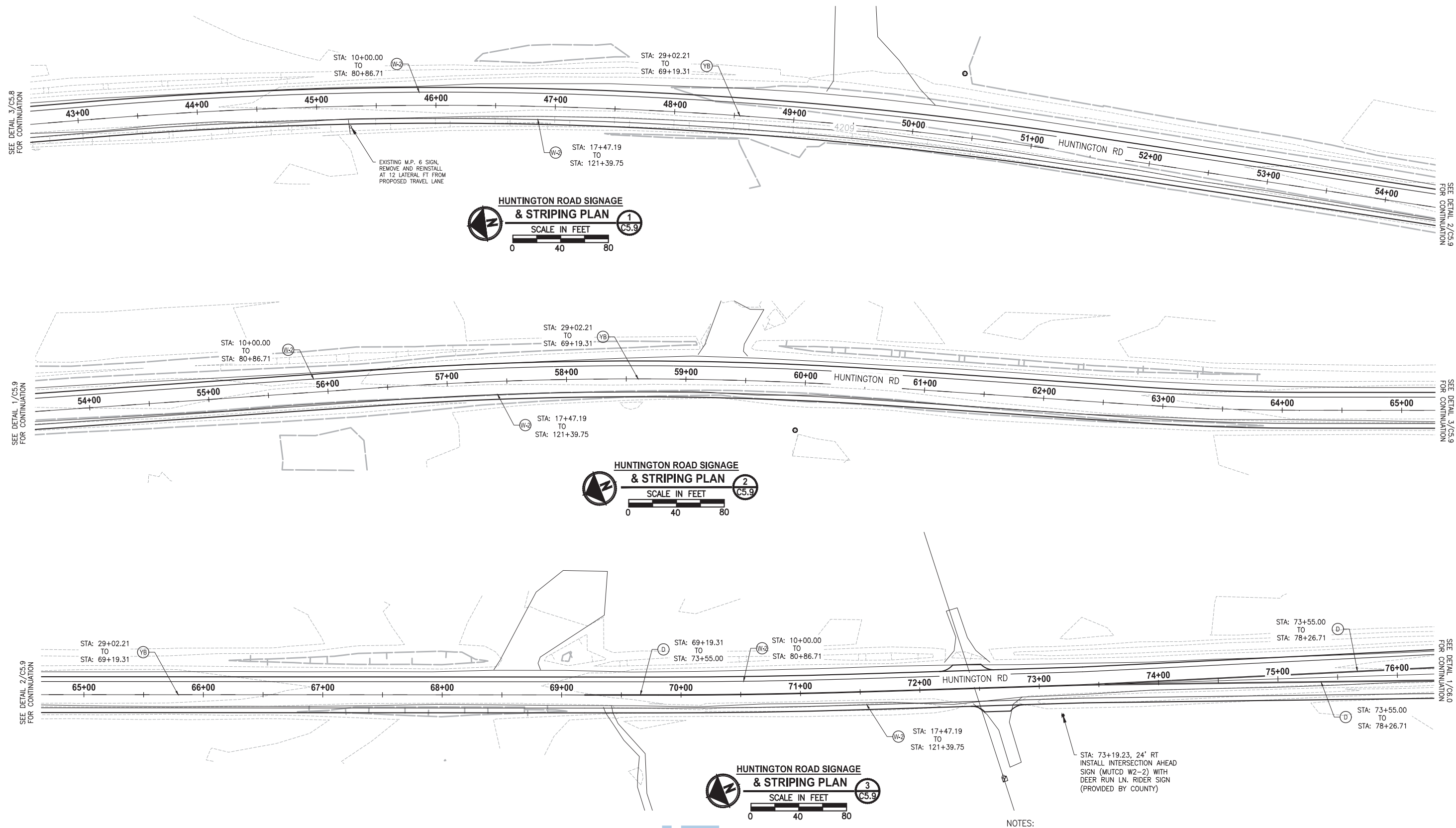
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LAYOUT: C5.9 STP 43+00-76+00      PATH: U:\Bend\Projects\Clients\2509-Deschutes County\297-2509-002 Huntington Rd Improvements\99Sves\CADD\DWG      PLOTTED BY: lawredon      DATE: Thursday, April 20, 2017 11:05:46 AM



- NOTES:
- 1) SEE DETAIL 1/C1.1 FOR SIGN POST INSTALLATION REQUIREMENTS
  - 2) SEE DETAIL 2/C1.1 FOR TURN LANE CHANNELIZATION DIMENSIONS AND STRIPING LEGEND

REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			CHECKED
			BCJ
			APPROVED
			BCJ

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IF NOT, SCALE ACCORDINGLY

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BE-2509-002-C5.9-ST00

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DESCHUTES COUNTY

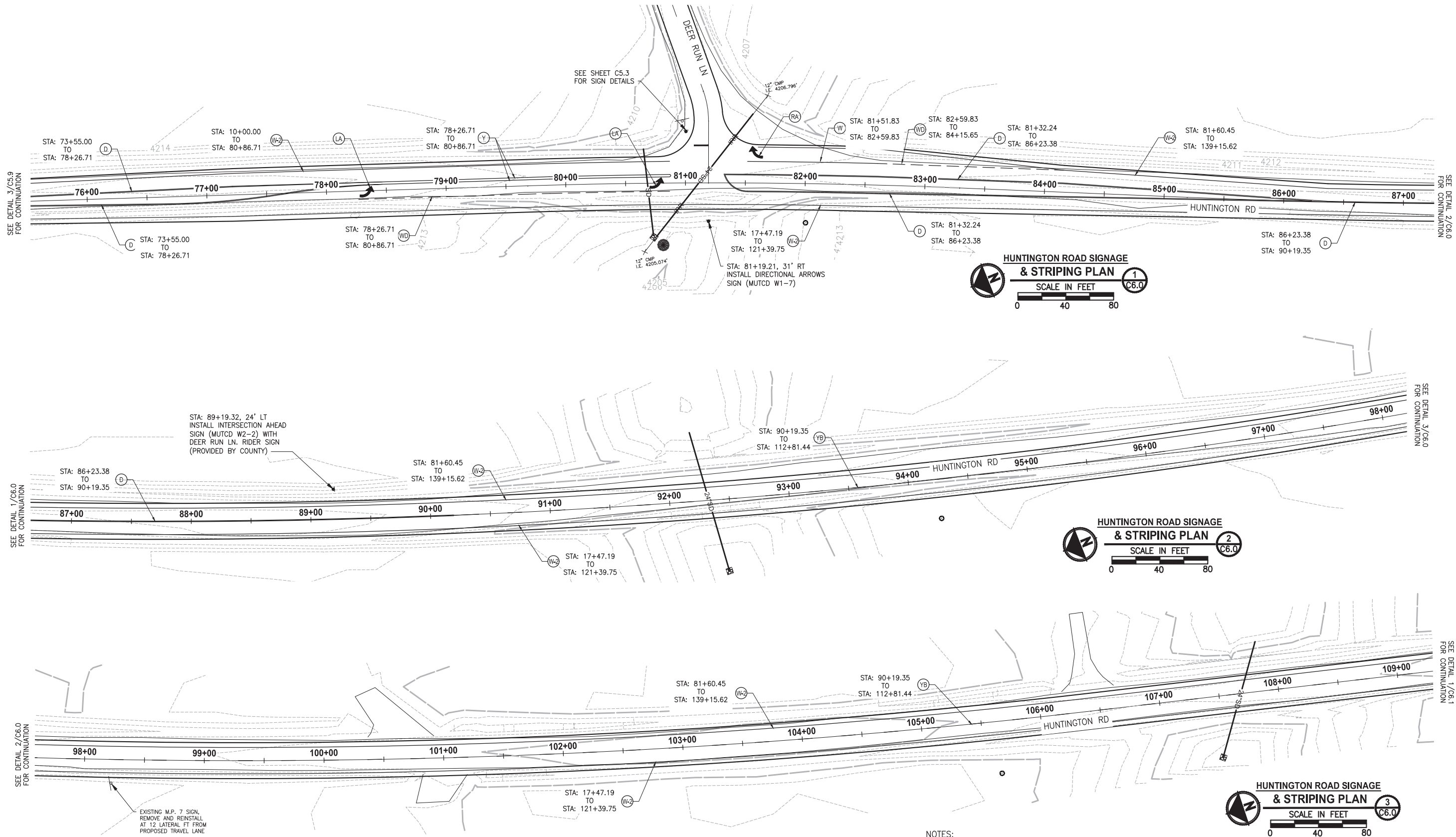
**SIGNAGE & STRIPING**  
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DRAWING NO.  
25 OF 36

**C5.9**

FINAL BID DOCUMENTS

U:\Bent\Projects\Clients\Deschutes County\297-2509-002 Huntington Rd Improvements\995\cadd\dwg  
LAYOUT: C6.0 STP 76+00-109+00  
PATH: U:\Bent\Projects\Clients\Deschutes County\297-2509-002 Huntington Rd Improvements\995\cadd\dwg  
PLOTTED BY: lowredon DATE: Thursday, April 20, 2017 11:06:01 AM



- NOTES:
- 1) SEE DETAIL 1/C1.1 FOR SIGN POST INSTALLATION REQUIREMENTS
  - 2) SEE DETAIL 2/C1.1 FOR TURN LANE CHANNELIZATION DIMENSIONS AND STRIPING LEGEND

REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			BCJ
			BCJ

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IF NOT, SCALE ACCORDINGLY

FILE NAME  
BE-2509-002-C6.0-ST00

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DESCHUTES COUNTY

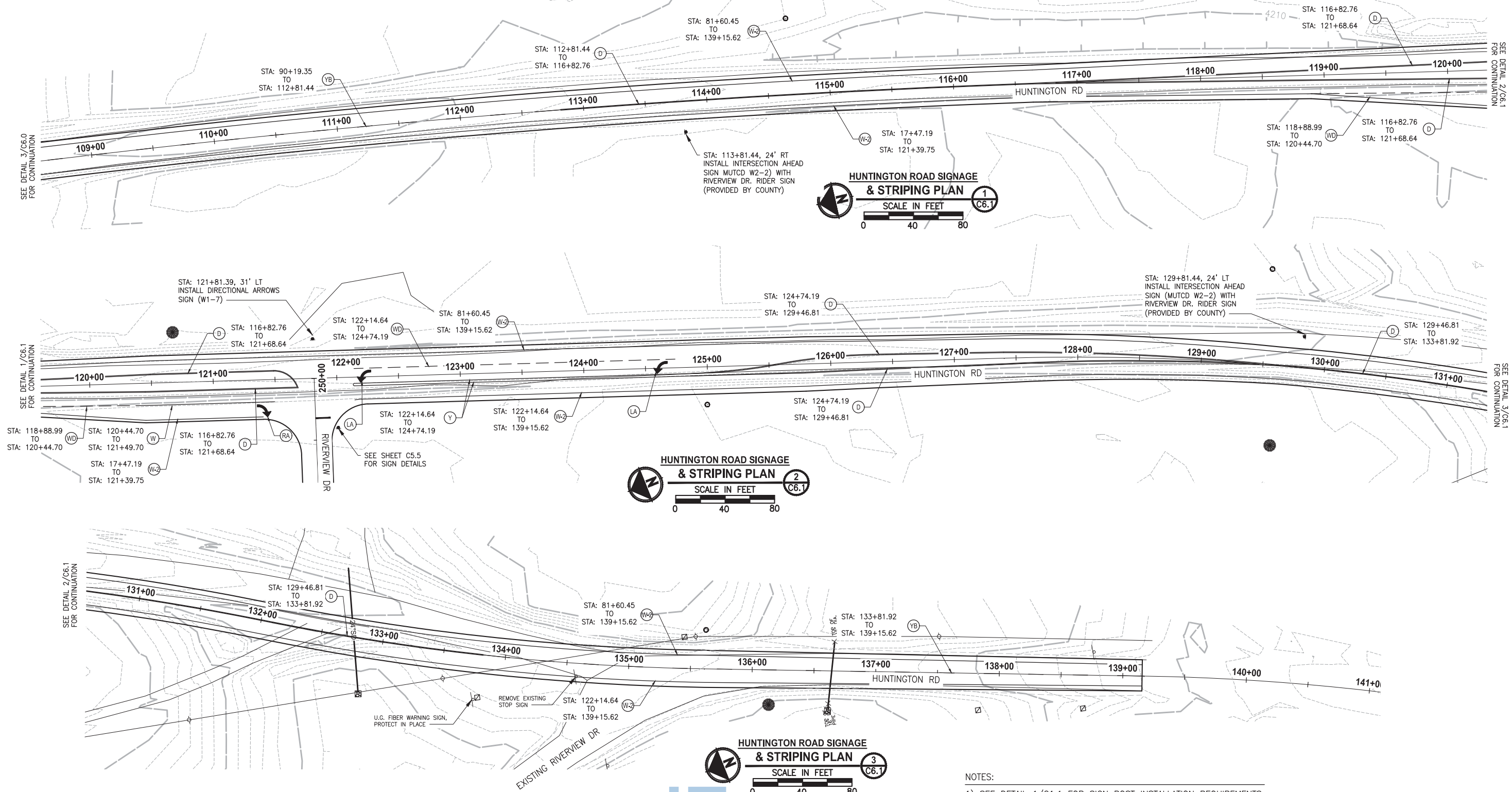
**SIGNAGE & STRIPING**  
**STA 76+00-109+00**

DRAWING NO.  
26 OF 36

**C6.0**

FINAL BID DOCUMENTS

LAYOUT: C6.1 STP 109+00-139+00  
PATH: U:\Bent\Projects\Clients\2509-Deschutes County\297-2509-002 Huntington Rd Improvements\995\cadd\DWG  
PLOTED BY: lowredon DATE: Thursday, April 20, 2017 11:06:20 AM



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			DWL
			CHECKED
			BCJ
			APPROVED
			BCJ

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IF NOT, SCALE ACCORDINGLY

FILE NAME  
BE-2509-002-C6.1-ST00

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DESCHUTES COUNTY

**SIGNAGE & STRIPING**  
**STA 109+00-139+00**

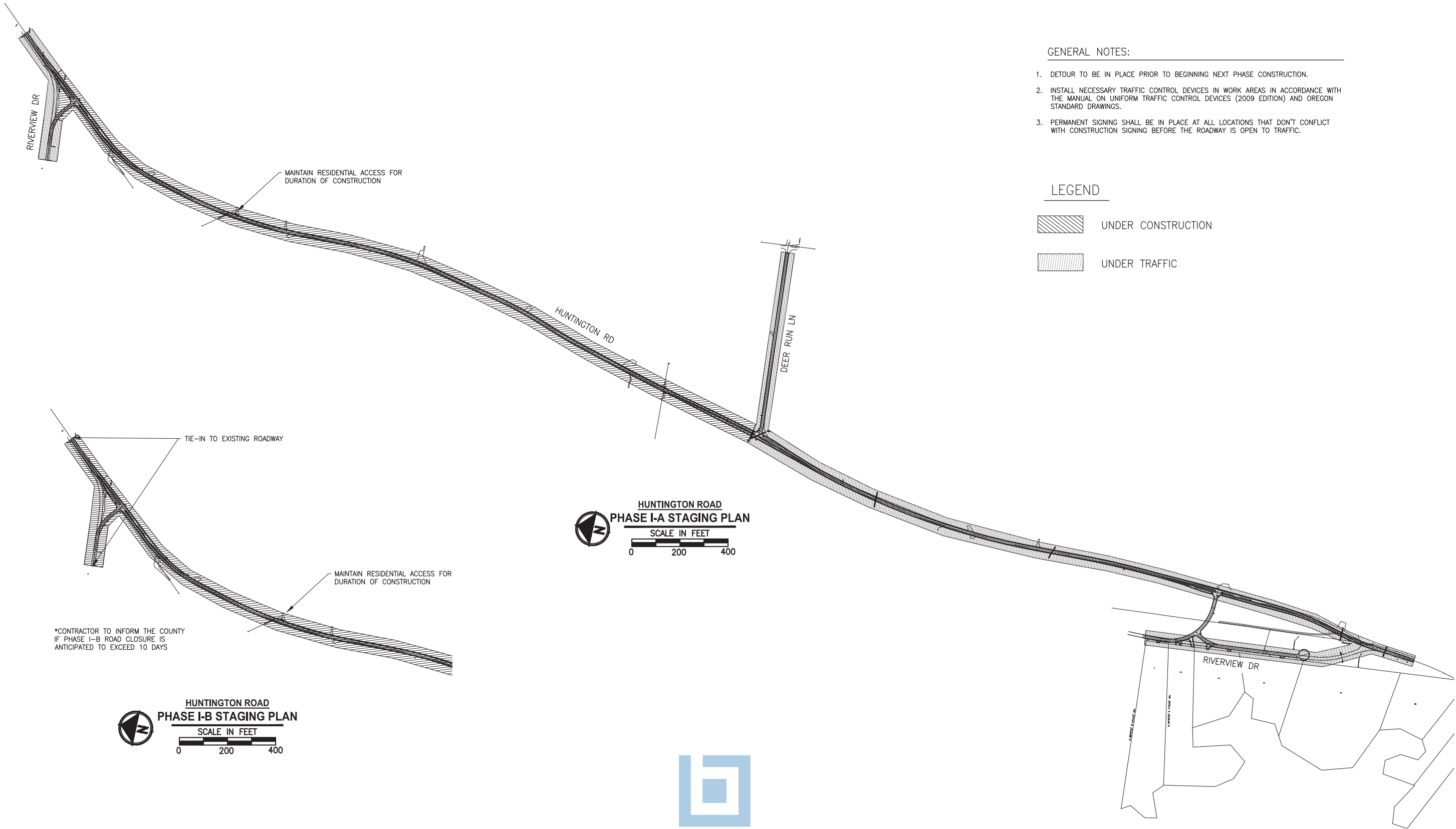
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27 OF 36

**C6.1**

FINAL BID DOCUMENTS



LAYOUT: C6.2 PHASE2 STAGING      PATH: U:\Bend\Projects\Clients\Deschutes County\2509-002 Huntington Rd\Imprints\99Sves\CADD\DWG      PLOTTED BY: lowredon      DATE: Thursday, April 20, 2017 11:06:38 AM

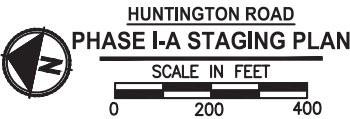
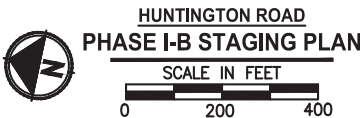


GENERAL NOTES:

- 1. DETOUR TO BE IN PLACE PRIOR TO BEGINNING NEXT PHASE CONSTRUCTION.
- 2. INSTALL NECESSARY TRAFFIC CONTROL DEVICES IN WORK AREAS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AND OREGON STANDARD DRAWINGS.
- 3. PERMANENT SIGNING SHALL BE IN PLACE AT ALL LOCATIONS THAT DON'T CONFLICT WITH CONSTRUCTION SIGNING BEFORE THE ROADWAY IS OPEN TO TRAFFIC.

LEGEND

- UNDER CONSTRUCTION
- UNDER TRAFFIC



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DESCHUTES COUNTY

**PHASE I  
CONSTRUCTION  
STAGING**

DRAWING NO.  
28 OF 36  
**C6.2**

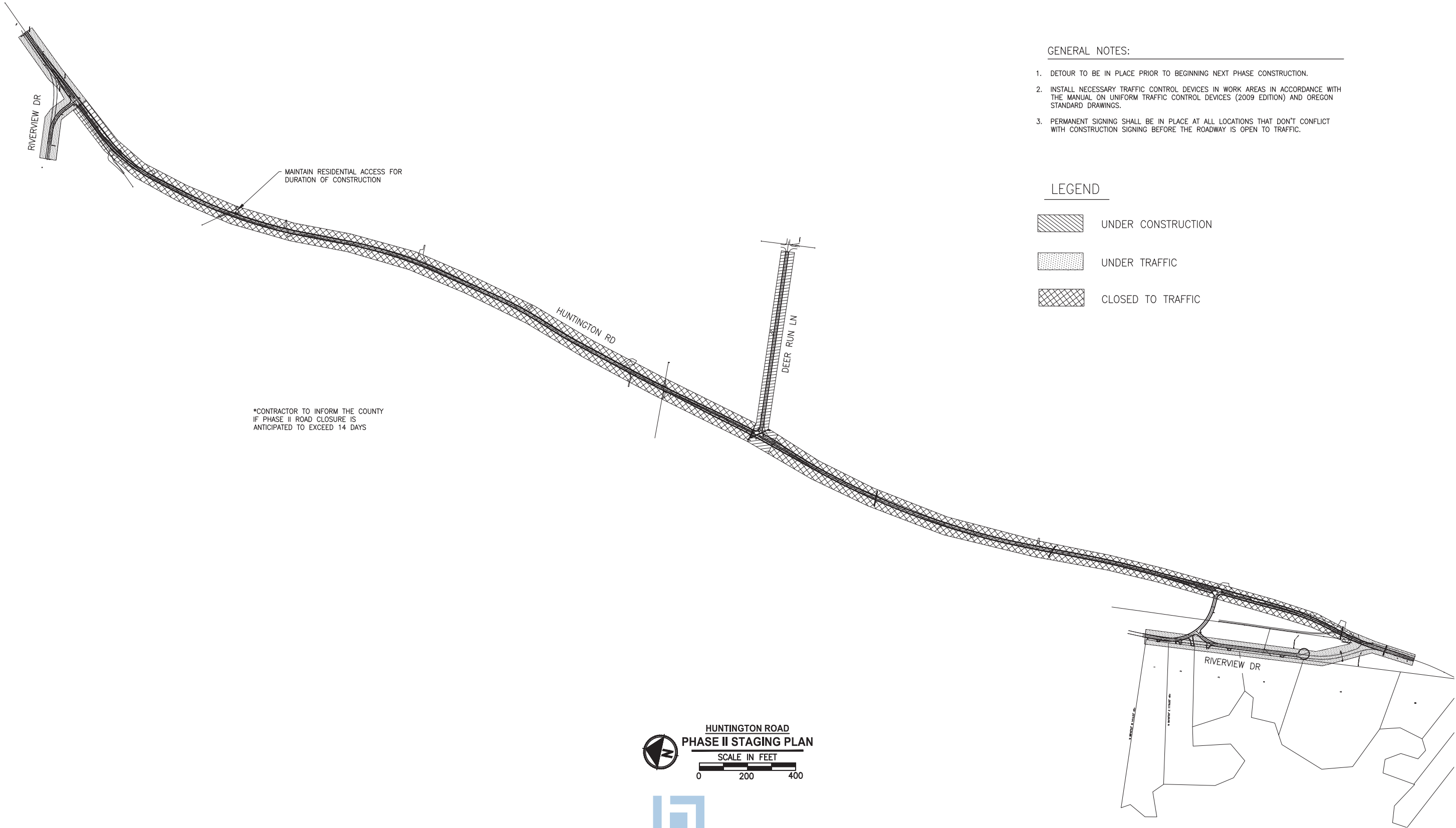
FINAL BID DOCUMENTS

REVISIONS	DATE	BY	DESIGNED DWL
			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ




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FILE NAME  
BE-2509-002-C6.2-STG00  
JOB No.  
297-2509-002  
DATE  
1/6/2017



LAYOUT: C6.3 PHASE2 STAGING      PATH: U:\Bend\Projects\Clients\Deschutes County\297-2509-002 Huntington Rd Imprints\99Sves\CADD\DWG      PLOTTED BY: lowredon      DATE: Thursday, April 20, 2017 11:06:57 AM



- GENERAL NOTES:
1. DETOUR TO BE IN PLACE PRIOR TO BEGINNING NEXT PHASE CONSTRUCTION.
  2. INSTALL NECESSARY TRAFFIC CONTROL DEVICES IN WORK AREAS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AND OREGON STANDARD DRAWINGS.
  3. PERMANENT SIGNING SHALL BE IN PLACE AT ALL LOCATIONS THAT DON'T CONFLICT WITH CONSTRUCTION SIGNING BEFORE THE ROADWAY IS OPEN TO TRAFFIC.

- LEGEND
-  UNDER CONSTRUCTION
  -  UNDER TRAFFIC
  -  CLOSED TO TRAFFIC



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DESCHUTES COUNTY

**PHASE II  
CONSTRUCTION  
STAGING**

DRAWING NO.  
29 OF 36

**C6.3**

REVISIONS	DATE	BY	DESIGNED DWL
			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ

ONE INCH AT FULL SCALE.  
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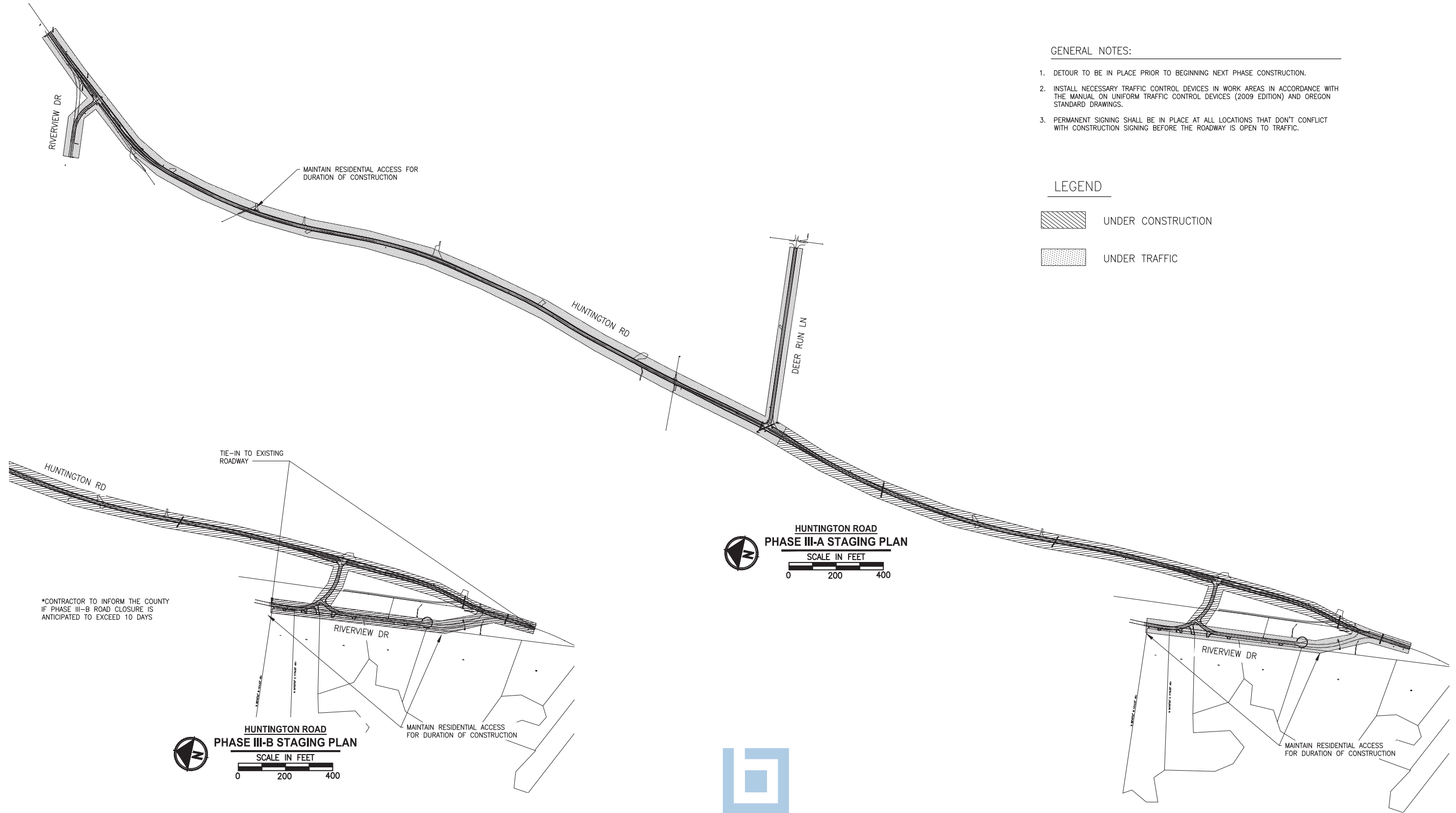
FILE NAME  
BE-2509-002-C6.3-STG00

JOB No.  
297-2509-002

DATE  
1/6/2017

FINAL BID DOCUMENTS

LAYOUT: C6.4 STAGE3 STAGING      PATH: U:\Bend\Projects\Clients\Deschutes County\2509-002 Huntington Rd Improvements\99Sves\CADD\DWG      PLOTTED BY: lawredon      DATE: Thursday, April 20, 2017 11:07:17 AM



GENERAL NOTES:

1. DETOUR TO BE IN PLACE PRIOR TO BEGINNING NEXT PHASE CONSTRUCTION.
2. INSTALL NECESSARY TRAFFIC CONTROL DEVICES IN WORK AREAS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AND OREGON STANDARD DRAWINGS.
3. PERMANENT SIGNING SHALL BE IN PLACE AT ALL LOCATIONS THAT DON'T CONFLICT WITH CONSTRUCTION SIGNING BEFORE THE ROADWAY IS OPEN TO TRAFFIC.

LEGEND

- UNDER CONSTRUCTION
- UNDER TRAFFIC

FINAL BID DOCUMENTS

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			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ

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FILE NAME	BE-2509-002-C6.4-STG00
JOB No.	297-2509-002
DATE	1/6/2017



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DESCHUTES COUNTY

**PHASE III  
CONSTRUCTION  
STAGING**

DRAWING NO.  
30 OF 36

**C6.4**











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				DRAWN DWL
				CHECKED BCJ
				APPROVED BCJ

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FILE NAME	BE-2509-002-C6.5-DETOUT
JOB NO.	297-2509-002
DATE	1/6/2017



**K KITTELSON  
& ASSOCIATES**  
354 SW UPPER TERRACE DRIVE, SUITE 101  
BEND, OR 97702  
P. 541.313.8100

PROJECT NAME  
**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

### STAGE II DETOUR ROUTE

DRAWING NO.  
33 OF 38

**C6.7**

LAYOUT: C6.8 STAGE IIIA DETOUR PATH: U:\Bent\Projects\Client\2509-002-Huntington\_Rd\_Improvements\95500\CAD\DWG PLOTTED BY: lserres DATE: Wednesday, April 19, 2017 11:34:53 AM



LEGEND

- X ROAD CLOSURE
- DETOUR ROUTE
- POST-MOUNTED DETOUR SIGN
- TYPE III BARRICADE

SEE SHEET C7.0 FOR SIGN LEGEND

HUNTINGTON ROAD  
DETOUR PLAN  
SCALE IN FEET  
0 800 1600

REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			CHECKED
			BCJ
			APPROVED
			BCJ

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IF NOT, SCALE ACCORDINGLY  
FILE NAME  
BE-2509-002-C6.5-DETOUR  
JOB NO.  
297-2509-002  
DATE  
1/6/2017



**KITTELSON  
& ASSOCIATES**  
354 SW UPPER TERRACE DRIVE, SUITE 101  
BEND, OR 97702  
P 541.312.8300

PROJECT NAME  
**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

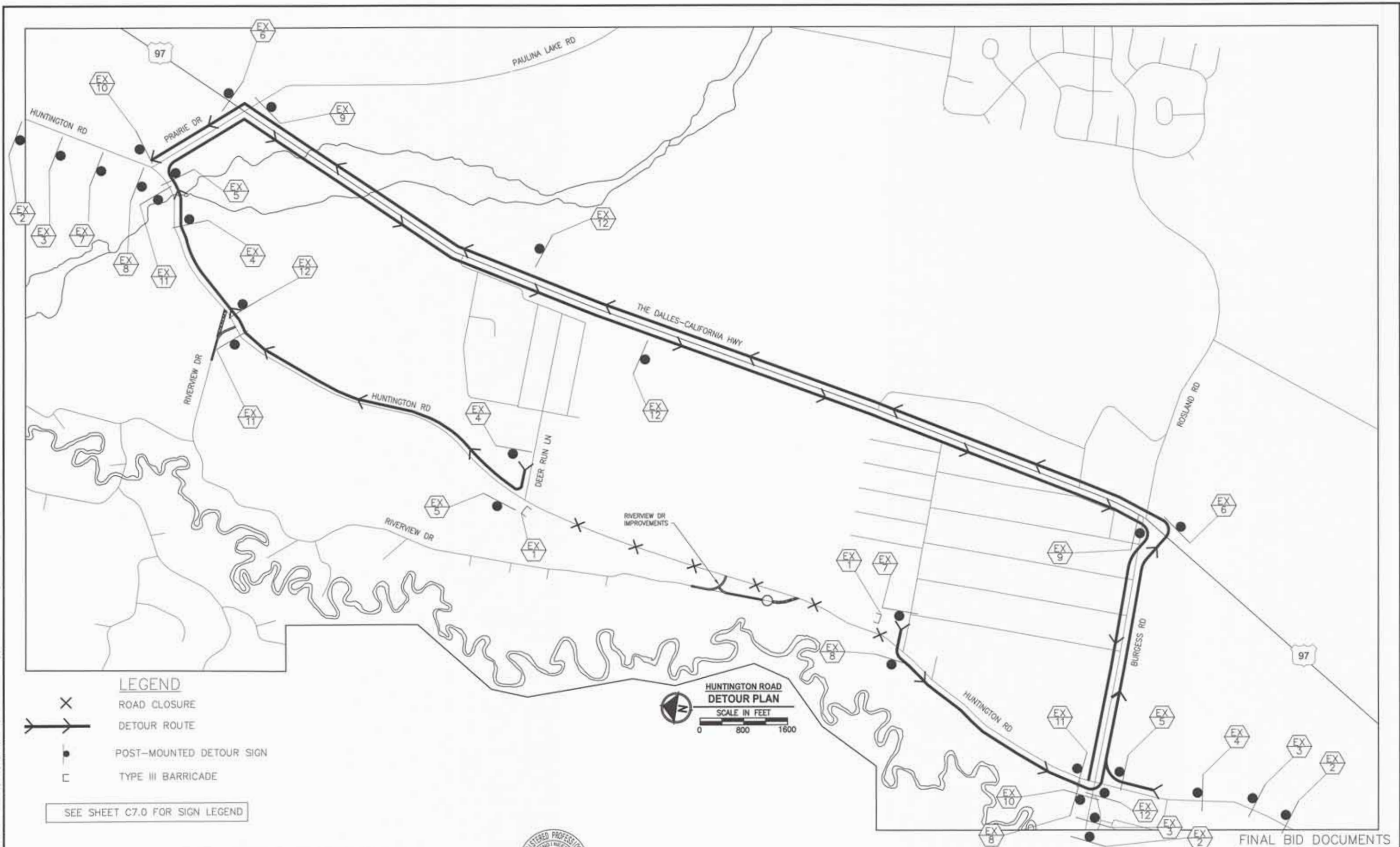
**STAGE IIIA DETOUR  
ROUTE**

DRAWING NO.  
34 OF 36  
**C6.8**

FINAL BID DOCUMENTS



LAYOUT: 04.9 STAGE III DETOUR - PATH: U:\Users\jgarcia\Documents\2017-2509-002 Deschutes County\2017-2509-002 Huntington Rd Improvements\99999\CA00\DWG - PLOTTED BY: jgarcia DATE: Wednesday, April 19, 2017 11:34:58 AM



REVISIONS	DATE	BY	DESIGNED
			DWL
			DWL
			BCJ
			BCJ

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JOB NO.  
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DESCHUTES COUNTY

**STAGE IIIB  
DETOUR ROUTE**

DRAWING NO.  
35 OF 36  
**C6.9**

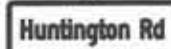
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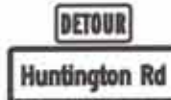
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TYPE "W1"  
MOUNT ON  
TYPE III BARRICADE



2 48"x80"  
TYPE "O4"



3 48"x48", TYPE "O4"  
30"x18", TYPE "O4"



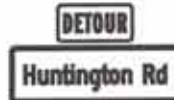
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54"x18", TYPE "O4"  
21"x15", TYPE "O4"



5 24"x12", TYPE "O4"  
54"x18", TYPE "O4"  
21"x15", TYPE "O4"



6 30"x24", TYPE "O4"  
54"x18", TYPE "O4"



7 24"x12", TYPE "O4"  
54"x18", TYPE "O4"  
21"x15", TYPE "O4"



8 24"x12", TYPE "O4"  
54"x18", TYPE "O4"  
21"x15", TYPE "O4"



9 30"x24", TYPE "O4"  
54"x18", TYPE "O4"



10 30"x24"  
TYPE "O4"



11 60"x30"  
TYPE "W1"



12 30"x24", TYPE "O4"  
54"x18", TYPE "O4"



14 24"x30", TYPE "O4"



15 21"x15", TYPE "O4"



16 21"x15", TYPE "O4"



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**HUNTINGTON ROAD IMPROVEMENTS**  
DESCHUTES COUNTY

**DETOUR SIGNAGE**

DRAWING NO.  
36 OF 36  
**C7.0**

FINAL BID DOCUMENTS

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FILE NAME  
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JOB NO.  
297-2509-002  
DATE  
1/6/2017

REVISIONS	DATE	BY	DESIGNED DWL
			DRAWN DWL
			CHECKED BCJ
			APPROVED BCJ