

WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION
CHANGE ORDER

DATE: 05/18/22
PAGE 1 of 13

CONTRACT NO: 009623 FEDERAL AID NO: TIGERIX 4123(005)
CONTRACT TITLE: BARKER RD BNSF GRADE SEPARATION SPOKANE COUNTY-MP
CHANGE ORDER NO: 3 R1 BNSF MATERIAL REQUIREMENTS_COA

PRIME CONTRACTOR: [REDACTED] MAX J. KUNEY COMPANY
120 N RALPH ST
99202-4744
SPOKANE WA 99220-0008

(X) Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications
() Change proposed by Contractor

ENDORSED BY: <i>Signature on file</i>	SURETY CONSENT:
CONTRACTOR SIGNATURE	ATTORNEY IN FACT
May 19, 2022	
DATE	DATE

ORIGINAL CONTRACT AMOUNT: 11,637,134.00
CURRENT CONTRACT AMOUNT: 12,350,182.08
ESTIMATED NET CHANGE THIS ORDER: 1,031,700.00
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 13,381,882.08

Signature Required: Project Engineer State Construction Engineer
 Regional Administrator Other Agency

<i>Signature on file</i>	<i>Signature on file</i> <small>Jon Deffenbacher (Jun 1, 2022 09:30 PDT)</small>
PROJECT ENGINEER SIGNATURE	STATE CONSTRUCTION ENGINEER SIGNATURE
Jun 1, 2022	Jun 1, 2022
DATE	DATE
<i>Signature on file</i>	OTHER APPROVAL WHEN REQUIRED
REGIONAL ADMINISTRATOR SIGNATURE	SIGNATURE
Jun 1, 2022	<i>Signature on file</i> <small>John Hohman (May 31, 2022 17:00 PDT)</small>
DATE	DATE
	REPRESENTING
	May 31, 2022

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All work, materials, and measurements to be in accordance with the provisions of the Standard Specifications and Special Provisions for the type of construction involved.

This contract is revised as follows:

Description

This change order adds BNSF requirements for importing or exporting soil, adds common borrow from the Hatch Road source (vicinity of US 395 MP 169) to be placed on the BNSF Railway right of way including an equitable adjustment for embankment compaction of this material, reclamation of the Hatch Road source after the borrow is complete, and necessary traffic control at the Hatch Road source to facilitate the hauling operation. The Condition of Award amount for Eller Corporation is also adjusted with this change order.

Plan Sheets

Contract Plan sheets RP12 (59 of 250), RP13 (60 of 250), and RP14 (61 of 250) are revised as shown on pages 6 through 8 of 12 of this change order. Page 9 Borrow Site Access, Page 10 Borrow Site TCP, and Pages 11-12 Traffic Control Plans are added as shown on pages 9 through 12 of this change order.

Materials

The requirements of Section 8-02 shall apply for the Seeding, Fertilizing, and Mulching of the Hatch Road source.

Embankment Compaction from the Hatch Road source shall meet the requirements of Section 2-03.3(14).

Common Borrow from the Hatch Road source shall consist of granular or nongranular soil and/or aggregate which is free of deleterious material. Deleterious material includes wood, organic waste, coal, charcoal, or any other extraneous or objectionable material. The material shall not contain more than 3 percent organic material by weight. The plasticity index shall be determined using test method AASHTO T 89 and AASHTO T 90.

The Hatch Road common borrow material shall meet one of the options in the soil plasticity table below:

Soil Plasticity Table

Option	Sieve	Percent Passing	Plasticity Index
1	No. 200	0 - 12	N/A
2	No. 200	12.1 - 35	6 or Less
3	No. 200	Above 35	0

All percentages are by weight. If requested by the Contractor, the plasticity index may be increased with the approval of the Engineer.

Construction Requirements

BNSF Import/Export Requirements

Soil that is excavated within the limits of the BNSF property shall remain on the BNSF property, or if it is exported off of the BNSF property, the material shall meet the Department of Ecology requirements and be approved for removal by BNSF before removing the soil. Soil imported onto BNSF property shall be approved by BNSF prior to importing.

If the soil is native material from a Department of Natural Resources (DNR) certified pit, the Contractor shall provide the certification information to BNSF Environmental Department for review.

Any necessary material testing as directed by the BNSF for importing soil material will be the responsibility of the Contracting Agency, including costs associated with the testing.

Hatch Road Borrow Material

The Contractor shall mobilize to the Hatch Road source, clear, strip, and stockpile the top layer of material, if needed, and excavate the area to the line and grade as staked by the Engineer. The Contractor may excavate as much material from the borrow source as needed to complete the neat line quantity of 34,019 cubic yards of embankment located on/adjacent to the BNSF

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property. The calculated limits of the embankment on BNSF property shall be defined as: 1) from the existing BNSF Railroad tracks north up to the limits of the embankment constructed in 2021 (18,030 CY), 2) from the BNSF Railroad tracks south to the BNSF railroad right of way limit, and a temporary 2:1 slope from the right of way to catch the existing ground (15,989 CY).

Upon completion of the borrow excavation, all areas that have been disturbed by excavation shall be prepared, seeded, fertilized, and mulched using the Hatch Road Source seeding mix included in this change order. Also, the Contractor shall furnish, install, and maintain all traffic control necessary for the Hatch Road Common Borrow haul operation as shown on Sheet X of this change order.

Seeding, Fertilizing, and Mulching - Hatch Road Source
Section 8-02.3(9) is supplemented with the following:

Seeding of the following mix, rate, and analysis shall be applied at the rates shown below on all areas in the Hatch Road source requiring seeding:

Bluebunch Wheatgrass (Pseudoroegneria spicata)	13.00
Indian Ricegrass 'Nezpar' (Achnatherum hymenoides)	8.00
Thickspike Wheatgrass (Elymus lanceolatus)	5.00
Sandberg Bluegrass (Poa secunda)	3.00
Sand Dropseed (Sporobolus cryptandrus)	0.5
Common Yarrow (Achillea millefolium)	0.5
Total Pounds PLS Per Acre	30.00

Fuel Cost Adjustment Hatch Road Common Borrow
Section 1-09.3 is supplemented with the following:

The Base Fuel Cost shall be \$3.94/gallon and calculated based on the compacted volume of 34,019 cubic yards of Common Borrow from the Hatch Road source.

Measurement

"CO3 Traffic Control for Hatch Road Borrow" will be measured per day for each day all traffic control work is performed for the Hatch Road haul operation in accordance with this change order and a daily traffic control diary for this work is received from the Traffic Control Supervisor (TCS).

Payment

"CO3 Hatch Road Common Borrow", lump sum, shall be compensation for all labor and equipment to mobilize equipment to and from the Hatch Road source, preparing the site by clearing and stripping, excavating borrow material, hauling borrow material from the source directly to the embankment.

"CO3 Emb. Comp. - Hatch Material", lump sum, shall be compensation for all costs for labor and equipment to compact the material hauled from the Hatch Road source onto the BNSF Railroad property.

"CO3 FA Hatch Road Reclamation", by force account as provided in Section 1-09.6 for all labor and equipment to complete the reclamation of the Hatch Road source as directed by the Engineer including seeding, fertilizing, and mulching the disturbed areas using the Hatch Road Source seeding mix.

"CO3 Traffic Control for Hatch Road Borrow", per day, for all labor, equipment, and materials needed for the traffic control to facilitate the borrow operation at the Hatch Road source as shown on sheets 10-12 of the

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change order.

"CO3 Traffic Control Mob and Portable Toilet", lump sum, shall be full pay for all labor, equipment, and materials for mobilizing for the traffic control to and from the Hatch Road borrow site, and providing a portable toilet at the Hatch Road borrow site for the duration of the use of the site. Upon payment for the lump sum items included in this change order, any and all requests for payment regarding the Hatch Road Borrow Source including but not limited to: mobilization of equipment; clearing; stripping and stockpiling topsoil; excavating, loading, and hauling common borrow to the project; embankment compaction of Hatch Road material; and, necessary traffic control due to haul from the Hatch Road site, are satisfied in full and the WSDOT is released from any such requests for extra compensation.

Working Days

The number of working days is not affected by this change order.

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CHANGE ORDER

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CONTRACT NO: 009623	CHANGE ORDER NO: 3 R1
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ITEM NO	GROUP NO	STD ITEM	UNIT OF MEASURE	UNIT PRICE	EST QTY CHANGE	EST AMT CHANGE
ITEM DESCRIPTION: COMMON BORROW INCL. HAUL						
0018	03	0405	C.Y.	10.20	-18,030.00	-183,906.00
ITEM DESCRIPTION: COMMON BORROW INCL. HAUL						
0018	04	0405	C.Y.	10.20	-15,989.00	-163,087.80
ITEM DESCRIPTION: EMBANKMENT COMPACTION						
0019	03	0470	C.Y.	4.00	-18,030.00	-72,120.00
ITEM DESCRIPTION: EMBANKMENT COMPACTION						
0019	04	0470	C.Y.	4.00	-15,989.00	-63,956.00
ITEM DESCRIPTION: WATER						
0133	03	7018	MGAL	125.00	318.00	39,750.00
ITEM DESCRIPTION: WATER						
0133	04	7018	MGAL	125.00	282.00	35,250.00
ITEM DESCRIPTION: FUEL COST ADJUSTMENT						
0169	03	7730	CALC	50,000.00	1.00	5,300.00
ITEM DESCRIPTION: FUEL COST ADJUSTMENT						
0169	04	7730	CALC	50,000.00	1.00	4,700.00
ITEM DESCRIPTION: "CO3 HATCH ROAD COMMON BORROW"						
1030	03		L.S.	590,019.29	1.00	590,019.29
ITEM DESCRIPTION: "CO3 HATCH ROAD COMMON BORROW"						
1030	04		L.S.	523,224.66	1.00	523,224.66
ITEM DESCRIPTION: "CO3 EMB. COMP. - HATCH MATERIAL"						
1031	03		L.S.	116,507.70	1.00	116,507.70
ITEM DESCRIPTION: "CO3 EMB. COMP. - HATCH MATERIAL"						
1031	04		L.S.	103,318.15	1.00	103,318.15
ITEM DESCRIPTION: "CO3 FA HATCH ROAD RECLAMATION"						
1032	03		EST.	10,600.00	1.00	10,600.00
ITEM DESCRIPTION: "CO3 FA HATCH ROAD RECLAMATION"						
1032	04		EST.	9,400.00	1.00	9,400.00
ITEM DESCRIPTION: "CO3 TRAFFIC CONTROL FOR HATCH ROAD BORRO						
1033	03		DAY	2,200.00	18.00	39,600.00
ITEM DESCRIPTION: "CO3 TRAFFIC CONTROL FOR HATCH ROAD BORRO						
1033	04		DAY	2,200.00	16.00	35,200.00
ITEM DESCRIPTION: "CO3 TRAFFIC CONTROL MOB AND PORTABLE TOI						
1038	03		L.S.	1,007.00	1.00	1,007.00
ITEM DESCRIPTION: "CO3 TRAFFIC CONTROL MOB AND PORTABLE TOI						
1038	04		L.S.	893.00	1.00	893.00

AMOUNT TOTAL

1,031,700.00
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CONTRACT 009623

DISTRICT 6

CHANGE ORDER NUMBER 003

TYPE OF CHANGE ORDER CONSTRUCTION

DATED 06-15-2022

TIME 08:51:29

ITEM	GROUP	STD ITEM	UNIT OF MEAS	UNIT PRICE	QUANTITY	CHANGE	AMOUNT	CHANGE
018	02	0405	C.Y.	\$10.2000		5,150.00-		\$52,530.00-
018	03	0405	C.Y.	\$10.2000		3,220.00-		\$32,844.00-
018	04	0405	C.Y.	\$10.2000		25,649.00-		\$261,619.80-

DESC...: COMMON BORROW INCL. HAUL

019	02	0470	C.Y.	\$4.0000		5,100.00-		\$20,400.00-
019	03	0470	C.Y.	\$4.0000		4,012.00-		\$16,048.00-
019	04	0470	C.Y.	\$4.0000		24,907.00-		\$99,628.00-

DESC...: EMBANKMENT COMPACTION

133	01	7018	MGAL	\$125.0000		147.60		\$18,450.00
133	04	7018	MGAL	\$125.0000		452.40		\$56,550.00

DESC...: WATER

169	03	7730	CALC	\$60,000.0000		.00		\$5,300.00
169	04	7730	CALC	\$60,000.0000		.00		\$4,700.00

DESC...: FUEL COST ADJUSTMENT

193	03		L.S.	\$1,113,243.9500		.00		\$105,368.54
CCIS	TEMP	ITEM	NUMBER:	1030				
193	04		L.S.	\$1,113,243.9500		.00		\$839,341.41
CCIS	TEMP	ITEM	NUMBER:	1030				
193	02		L.S.	\$1,113,243.9500		.00		\$168,534.00
CCIS	TEMP	ITEM	NUMBER:	1030				

DESC...: CO3 HATCH ROAD COMMON BORROW

194	03		L.S.	\$219,825.8500		.00		\$20,806.52
CCIS	TEMP	ITEM	NUMBER:	1031				
194	04		L.S.	\$219,825.8500		.00		\$165,739.89
CCIS	TEMP	ITEM	NUMBER:	1031				
194	02		L.S.	\$219,825.8500		.00		\$33,279.44
CCIS	TEMP	ITEM	NUMBER:	1031				

DESC...: CO3 EMB. COMP. - HATCH MATERIAL

195	01		EST.	\$20,000.0000		.00		\$20,000.00
CCIS	TEMP	ITEM	NUMBER:	1032				

DESC...: CO3 FA HATCH ROAD RECLAMATION

196	01		DAY	\$2,200.0000		34.00		\$74,800.00
CCIS	TEMP	ITEM	NUMBER:	1033				

DESC...: CO3 TRAFFIC CONTROL FOR HATCH RD BORROW

197	01		L.S.	\$1,900.0000		.00		\$1,900.00
CCIS	TEMP	ITEM	NUMBER:	1038				

DESC...: CO3 TRAFFIC CONTROL MOB AND PORTABLE TOILET

TOTAL NET CHANGE \$1,031,700.00

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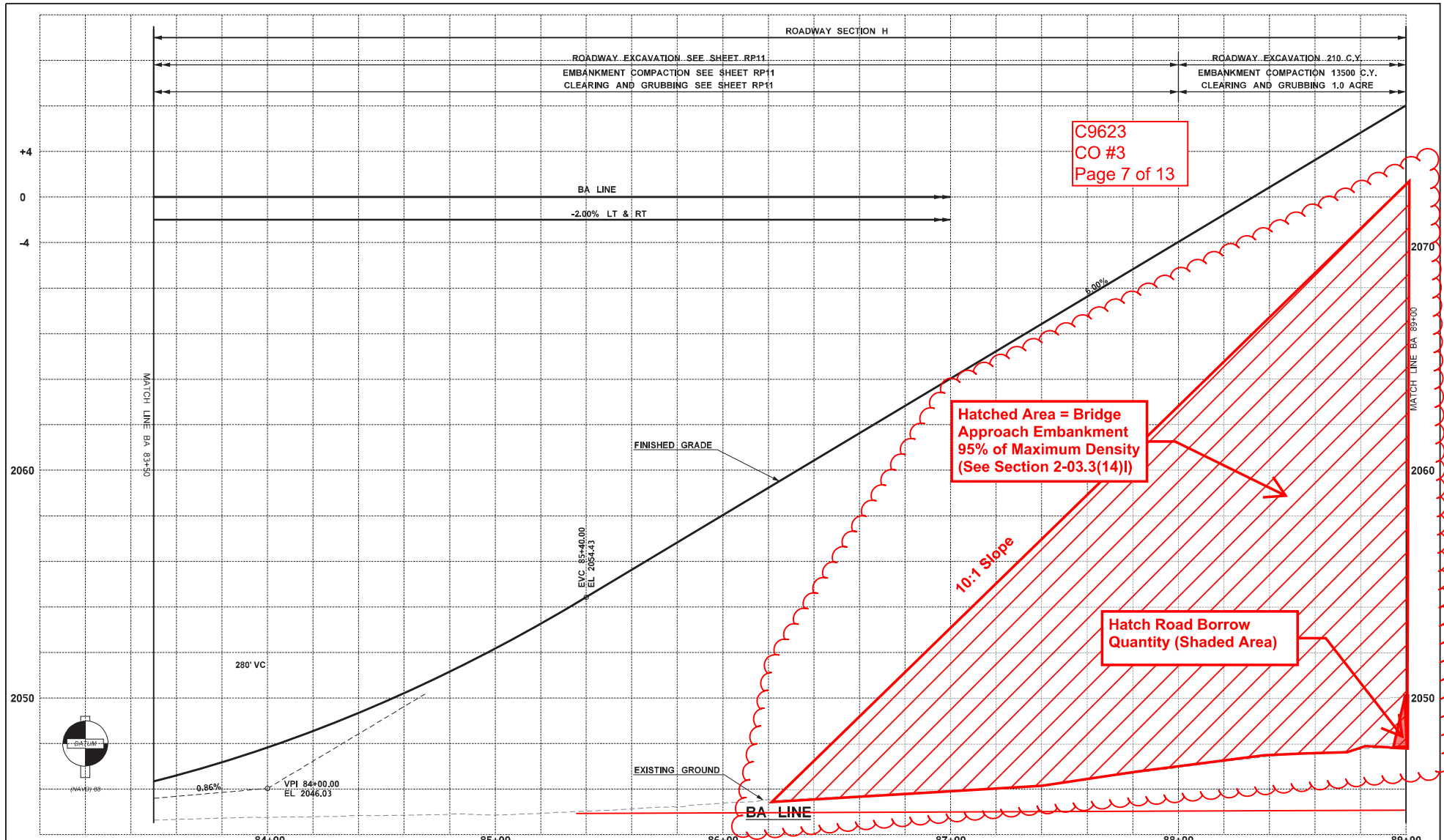
CONTRACTOR NAME/ID	ITEM NO.	C/ P	CURRENT COA AMOUNT	REVISED COA AMOUNT	CONTRACTED PROPOSAL AMT	NARRATIVE DESCRIPTION
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ELLER CORPORATION						
910955081	0018	C	1,243,000.00	901,109.05	1,261,842.00	CO #3 COMMON BORROW I
	0019	C	442,000.00	322,933.50	505,360.00	CO #3 EMB. COMP. REDU
	1030	C	0.00	495,468.44	0.00	CO #3 HATCH RD COMMON
	1031	C	0.00	172,551.20	0.00	CO #3 EMB. COMP.

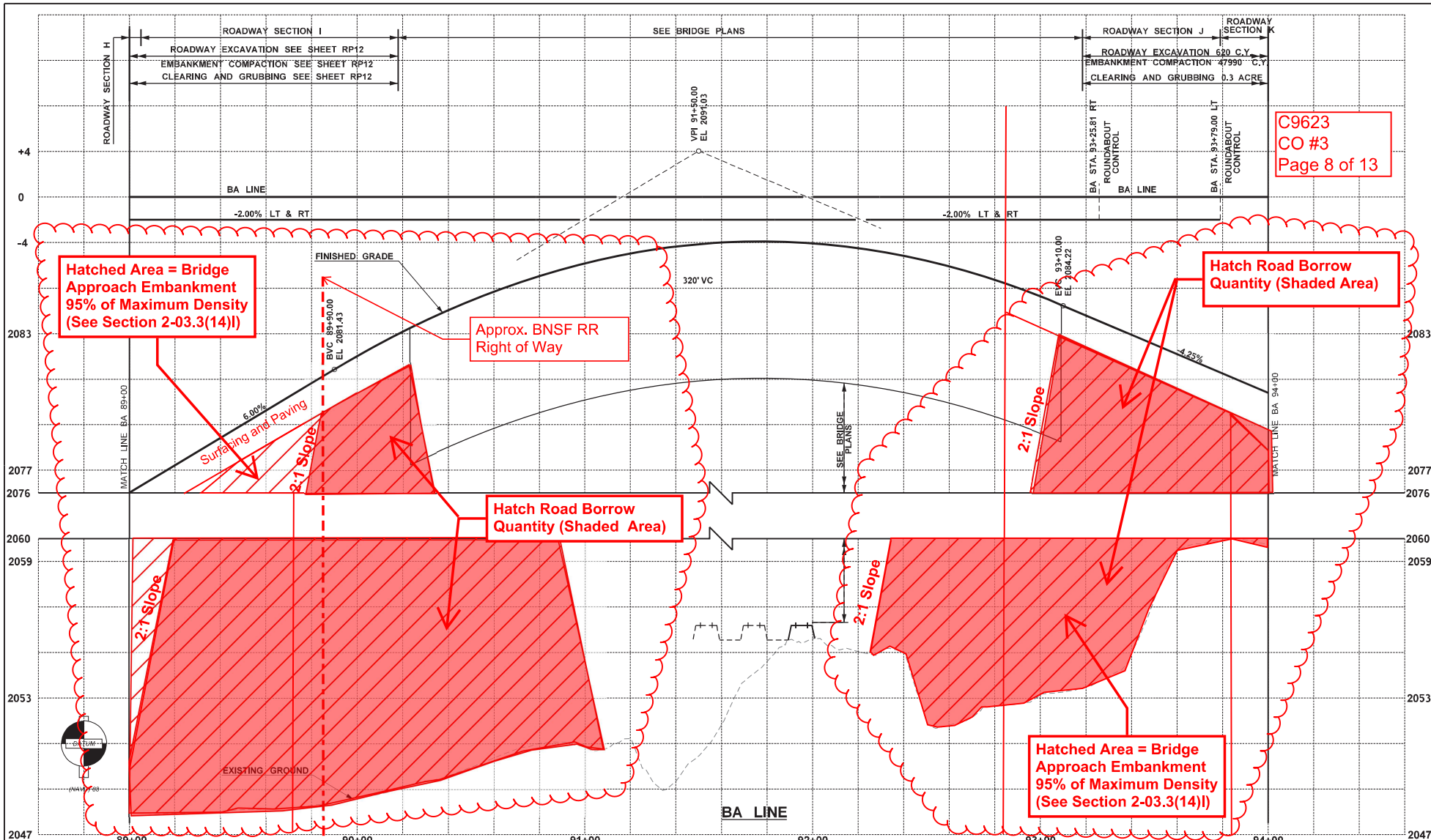
HATCH RD MATERIAL

Contractor Total			1,685,000.00	1,892,062.19
			=====	=====

Change Order Total			1,685,000.00	1,892,062.19
			=====	=====



FILE NAME c:\pwworking\ideal\dms00636\XL0143_PR_RD_012.dgn		REGION NO. 10		STATE WASH	FED.AID PROJ.NO. REP-HLP-TIGERIX-4123(005)				SR290/BARKER ROAD BNSF GRADE SEPARATION SPOKANE COUNTY - MP 12.5	Plot 1
TIME 10:32:13 PM	DATE 11/5/2020	DESIGNED BY MROUGH	ENTERED BY K MELBY	CHECKED BY B KIRKMAN	PROJ. ENGR. M ALLEN					REGIONAL ADM. M GRIBNER
ROADWAY PROFILES										SHEET 59 OF 250 SHEETS



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CO #3
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Hatched Area = Bridge Approach Embankment 95% of Maximum Density (See Section 2-03.3(14))

Hatch Road Borrow Quantity (Shaded Area)

Approx. BNSF RR Right of Way

Hatch Road Borrow Quantity (Shaded Area)

Hatched Area = Bridge Approach Embankment 95% of Maximum Density (See Section 2-03.3(14))

Bridge Approach Embankment 95% of Maximum Density (See Section 2-03.3(14))

FILE NAME	c:\pwworking\ideal\dms00636\XL0143_PR_RD_013.dgn
TIME	10:32:17 PM
DATE	11/5/2020
PLOTTED BY	MROUGH
DESIGNED BY	K MELBY
ENTERED BY	K MELBY
CHECKED BY	B KIRKMAN
PROJ. ENGR.	M ALLEN
REGIONAL ADM.	M GRIBNER

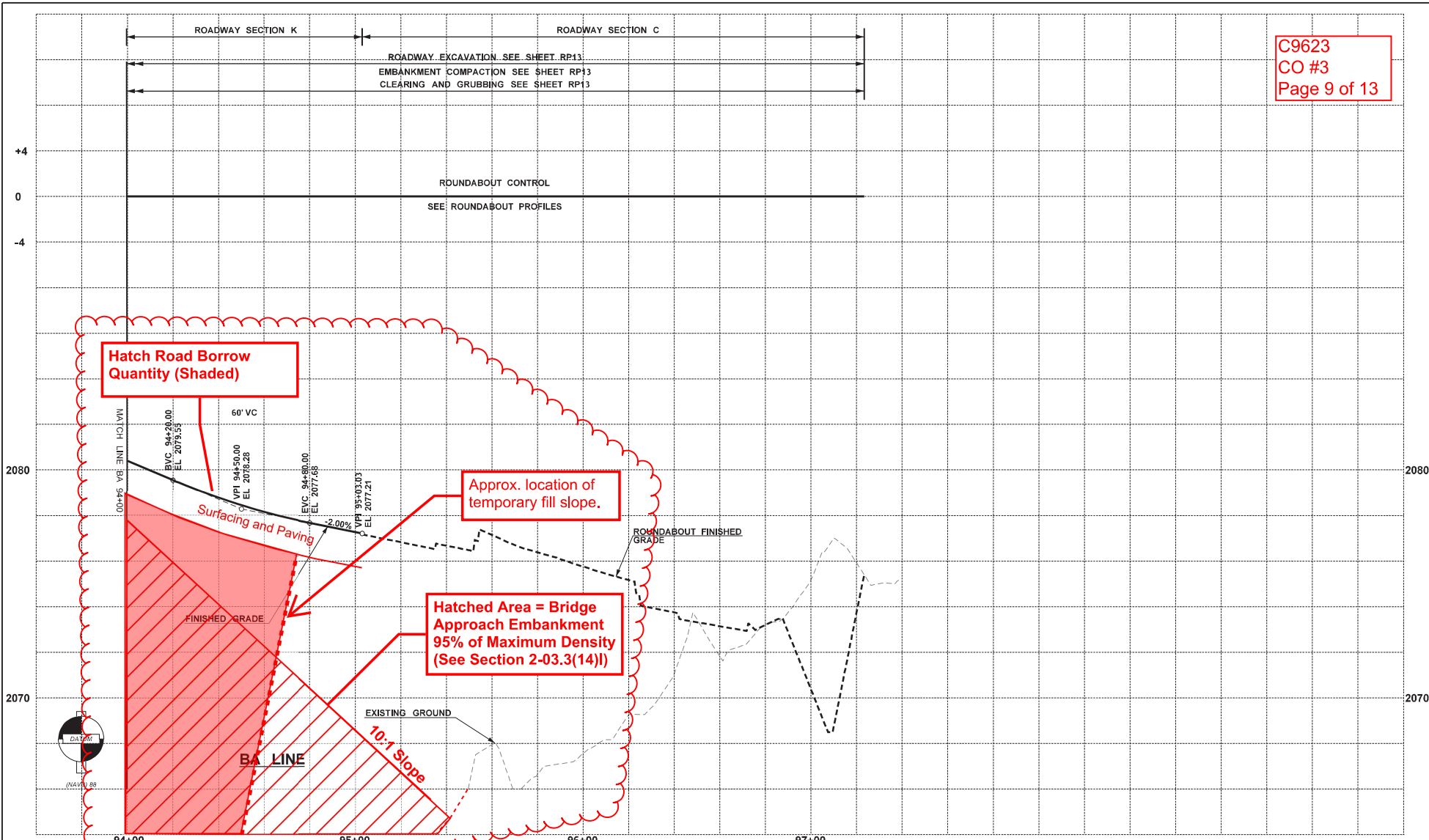
DESCRIPTION	DATE	NO.
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FED.AID PROJ.NO.	10 WASH
REP-HLP-TIGERIX-4123(005)	
JOB NUMBER	20Z009
CONTRACT NO.	
LOCATION NO.	



SR290/BARKER ROAD BNSF GRADE SEPARATION SPOKANE COUNTY - MP 12.5	
ROADWAY PROFILES	

Plot 1
PLAN REF NO
RP13
SHEET
60
OF
250
SHEETS



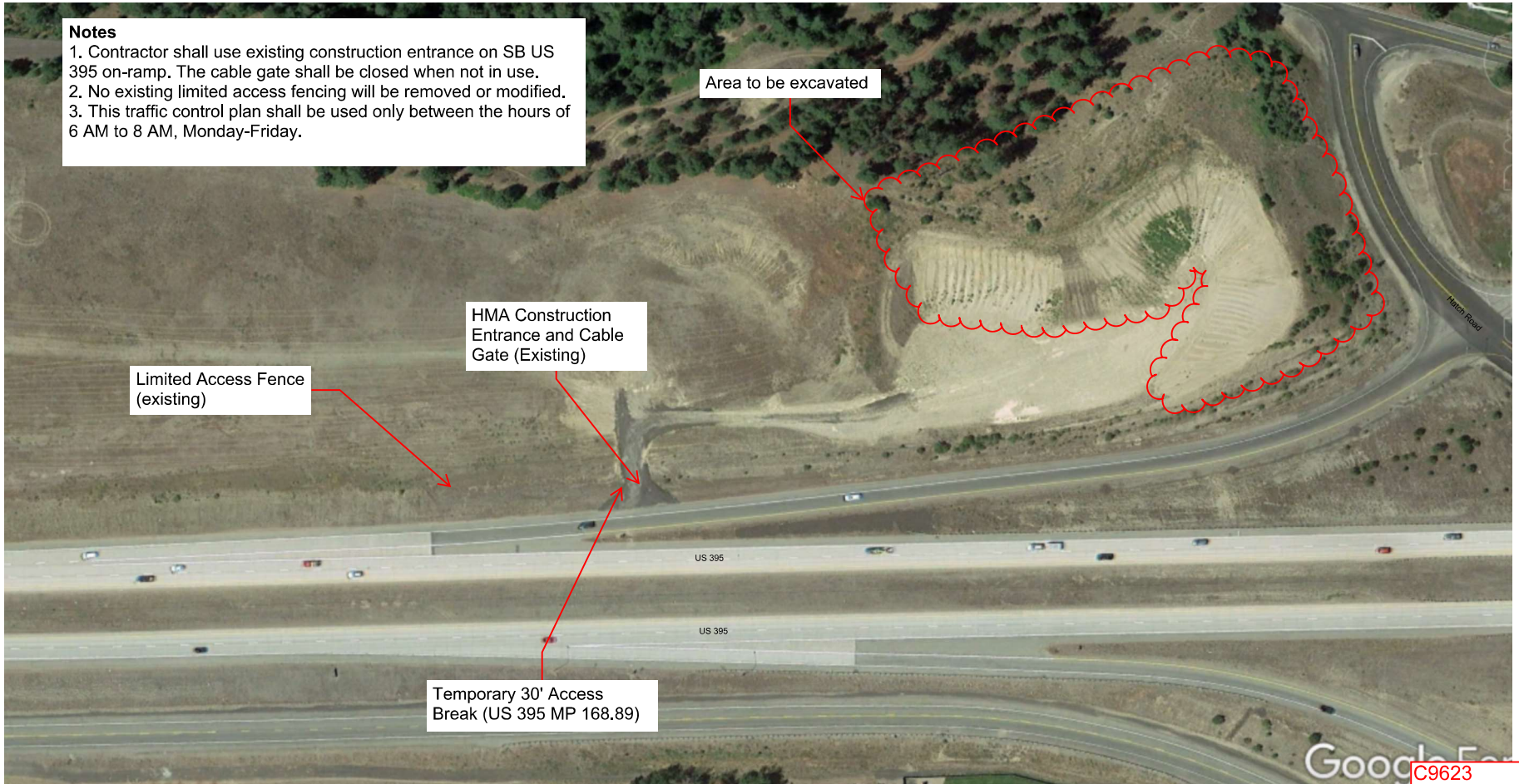
FILE NAME c:\www\kirk\bridge\dm\00636\X\014\PP-RD-014.dgn		REGION NO. 10	STATE WASH	FED.AID PROJ.NO. REP-HLP-TIGERIX-4123(005)				SR290/BARKER ROAD BNSF GRADE SEPARATION SPOKANE COUNTY - MP 12.5	Plot 1 PLAN REF NO RP14
TIME 10:32:22 PM	DATE 11/5/2020	JOB NUMBER 20Z009	CONTRACT NO.	LOCATION NO.					SHEET 61 OF 250 SHEETS
PLOTTED BY MROUGH	DESIGNED BY K MELBY	ENTERED BY K MELBY	CHECKED BY B KIRKMAN	PROJ. ENGR. M ALLEN	REGIONAL ADM. M GRIBNER	DESCRIPTION	DATE	NO.	ROADWAY PROFILES

Site Plan - Hatch Road Borrow Site Access



Notes

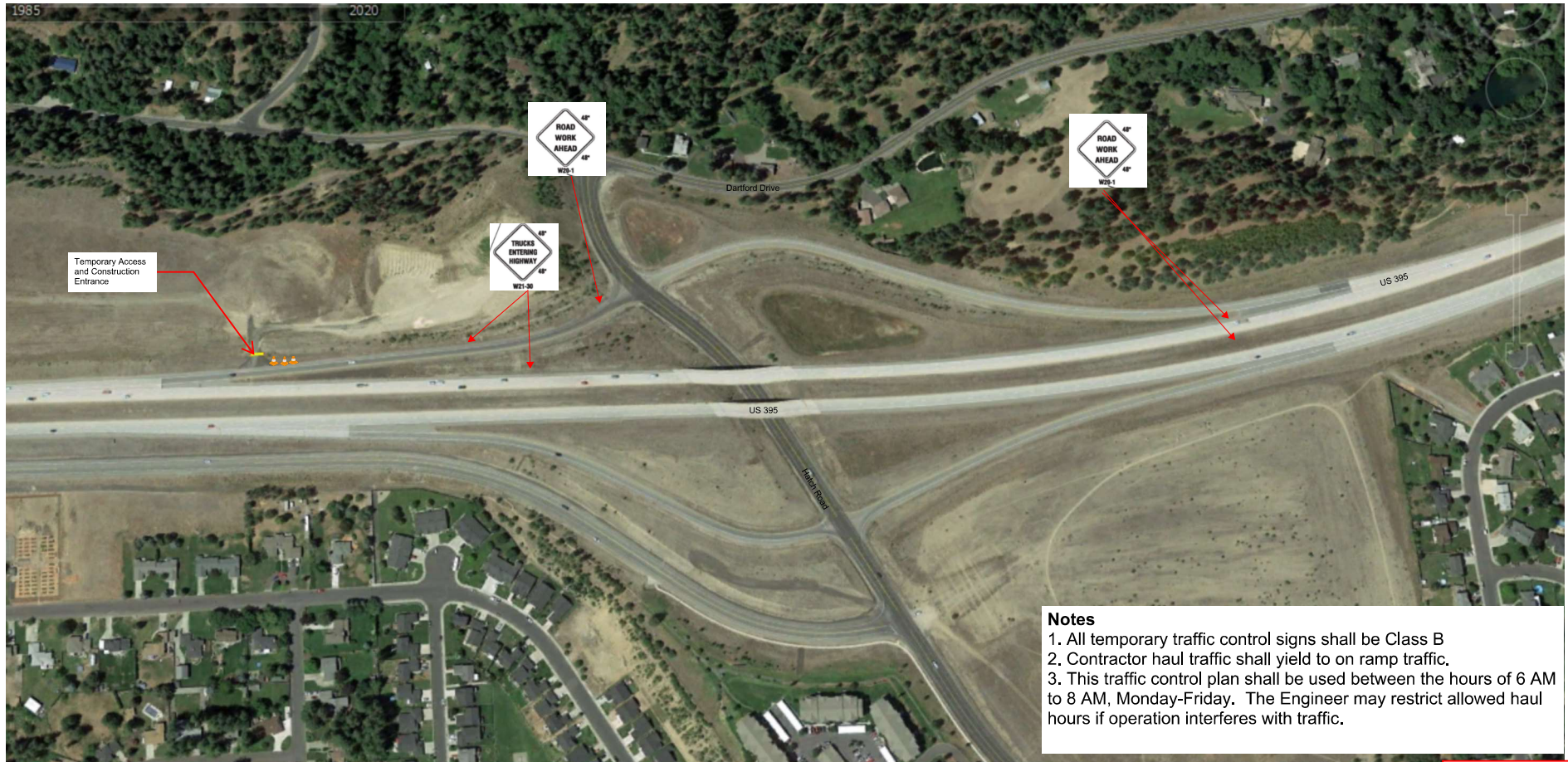
1. Contractor shall use existing construction entrance on SB US 395 on-ramp. The cable gate shall be closed when not in use.
2. No existing limited access fencing will be removed or modified.
3. This traffic control plan shall be used only between the hours of 6 AM to 8 AM, Monday-Friday.



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CO #3
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FILE NAME		0952		REGION NO.	STATE	FED.AID PROJ.NO.			Plot 1	
TIME	DATE	3/18/2021		10	WASH				PLAN REF NO	
PLOTTED BY	DESIGNED BY	CORLEPK		JOB NUMBER					SHEET	
ENTERED BY	CHECKED BY			CONTRACT NO.		LOCATION NO.			OF	
PROJ. ENGR.	REGIONAL ADM.	REVISION	DATE	BY			DATE		SHEETS	
							P.E. STAMP BOX	P.E. STAMP BOX		
							SR290/BARKER ROAD BNSF GRADE SEPARATION SPOKANE COUNTY - MP 12.5		BORROW SITE ACCESS	


Traffic Control Plan - Hatch Road Borrow Site Access



Notes

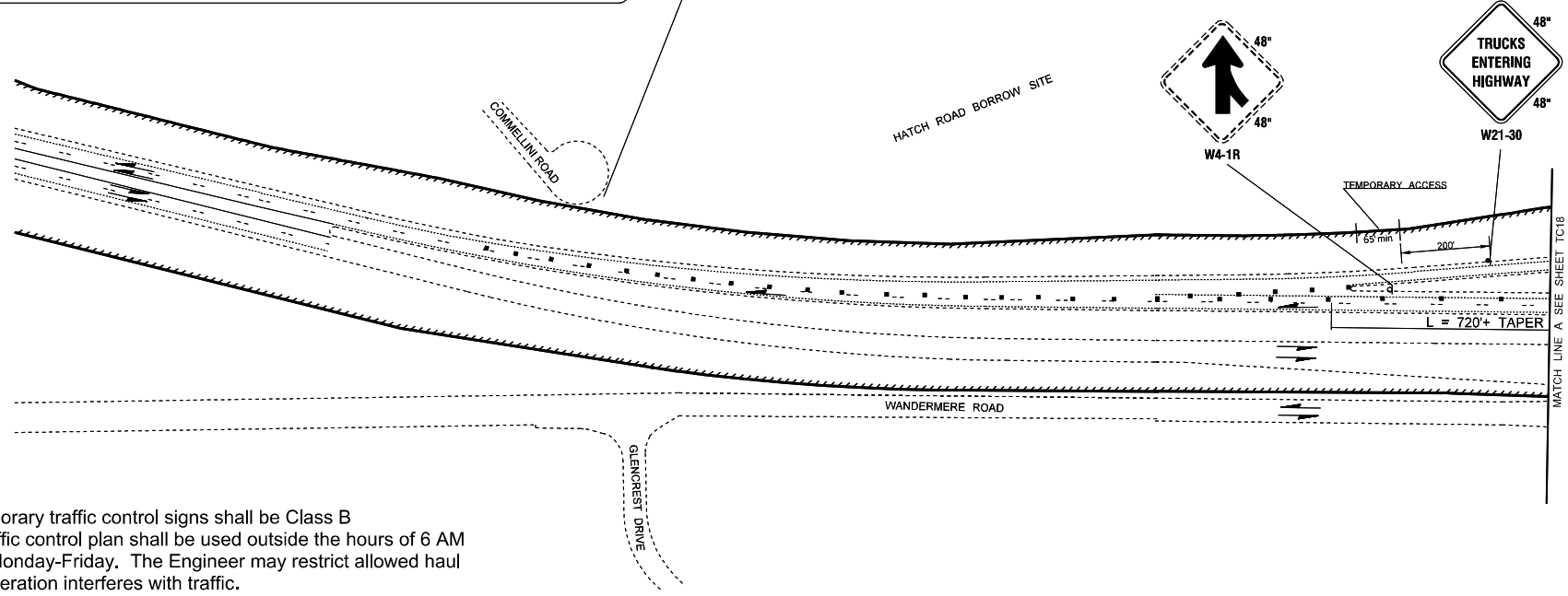
1. All temporary traffic control signs shall be Class B
2. Contractor haul traffic shall yield to on ramp traffic.
3. This traffic control plan shall be used between the hours of 6 AM to 8 AM, Monday-Friday. The Engineer may restrict allowed haul hours if operation interferes with traffic.

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FILE NAME		TIME		REGION NO.		STATE		FED.AID PROJ.NO.				SR290/BARKER ROAD		Plot 1	
DATE		PLOTTED BY		10		WASH						BNSF GRADE SEPARATION		PLAN REF NO	
DESIGNED BY		ENTERED BY		JOB NUMBER								SHEET			
CHECKED BY		PROJ. ENGR.		CONTRACT NO.				LOCATION NO.				OF			
REGIONAL ADM.				REVISION		DATE		BY		DATE		BORROW SITE - TCP		SHEETS	

T.27N.R.43E.W.M.
SPOKANE COUNTY

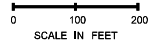
LEGEND	
Existing Edge of Pavement	-----
Existing Edge Line	-----
Existing Guardrail	- - - - -
Closed to Traffic	▨▨▨▨▨
Temporary Center Line	-----
Temporary Edge Line	-----
Temporary Edge of Pavement	-----
Temporary Conc. Barrier Sign	=====
Existing Alignment	- - - - -
Channelizing Devices	•••••
Type 3 Barricade	+++
Work Area	▨▨▨▨▨
Existing Sign	⬆



- Notes**
1. All temporary traffic control signs shall be Class B
 2. This traffic control plan shall be used outside the hours of 6 AM to 8 AM, Monday-Friday. The Engineer may restrict allowed haul hours if operation interferes with traffic.

MINIMUM TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

HATCH BORROW SITE - ACCESS
CLASS B SIGNS



CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

FILE NAME: G:\C9623 Barker Rd BNSF Grade Separation\Traffic Control\C9623_PS_TC_HATCH Access_DS.dgn	REGION NO.: 10	STATE: WASH	FED.AID PROJ.NO.	Washington State Department of Transportation	SR290/BARKER ROAD BNSF GRADE SEPARATION SPOKANE COUNTY - MP 12.5	Plot 1
TIME: 7:48:45 AM	JOB NUMBER:	LOCATION NO.:	PLAN REF NO: TC17			
DATE: 1/25/2022	CONTRACT NO.:	DATE:	DATE:	TRAFFIC CONTROL PLAN	SHEET OF SHEETS	
DESIGNED BY: R. LYNN	DATE:	DATE:	DATE:			
ENTERED BY: D. Shattuck	DATE:	DATE:	DATE:			
CHECKED BY: R. McNamara	DATE:	DATE:	DATE:			
PROJ. ENGR. M. Allen, P.E.	DATE:	DATE:	DATE:			
REGIONAL ADM. M. Gribner, P.E.	REVISION:	DATE:	BY:			

