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City of Hamilton
Corporate Services Department
Procurement Section
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Fax: (905) 546-2327
E-Mail: barbara.kinrade@hamilton.ca

Date Issued: Monday March 25, 2019

City of Hamilton

REQUEST FOR TENDERS

Contract Number: C15-20-19 (H)

Red Hill Valley Parkway Resurfacing

ADDENDUM 1

The following queries and responses, issued by the Procurement Section shall form part of the Request for Tenders documents for the above, and the revisions and additions noted herein and any attachments shall read in conjunction with all other documents. This Addendum shall, however, take precedence over all previously issued Request for Tenders documents where differences occur.

Included in this Addendum are: 3 Pages for Addendum 1
24 Pages for Drawings
27 Pages Total

1. DRAWINGS

Drawing 17-H-16 Sheets GR1 to GR24 have been revised and Re-issued for Tender – March 21, 2019 (attached).

2. SCHEDULE OF PRICES

Item D.17 – Quantity revised.
Item D.38 – Added

3. SPECIAL PROVISIONS – TENDER ITEMS

3.1 Remove SP Section 42.02.03.05 and replace it with the following:

42.02.03.05 Use of Paving Equipment – Paving in Echelon

OPSS.MUNI 310.07.07 is amended with the addition of the following paragraph:

Paving in Echelon is mandatory. The pavers shall be operated continuously at the same time and shall maintain a distance of not more than 50m from adjacent pavers so that a hot joint is obtained between the lanes of HMA being placed. The Contractor shall supply sufficient personnel to adequately control the paving operations simultaneously. Paving shall be completed to ensure one monolithic mat is produced along the mainline.

3.2 SP 86 is hereby added to the Special Provisions:

SP86. RIP RAP

86.01 General

Rip rap shall be in accordance with OPSS 511 as amended by the Construction and Materials Specifications Manual and this special provision.

86.02 Construction

This item shall include all costs to supply and place 150mm size stone with clear stone infill at the locations shown at culvert inlets and outlets and as directed by the Project Manager.

86.03 Payment

86.03.01 Measurement for Payment

Measurement for payment for shall be by tonnes.

86.03.02 Basis of Payment

Payment at the unit price for the above tender items shall be full compensation for all labour, equipment and material to do the work.

3.3 Remove SP 89 and replace it with the following:

SP89. TRAFFIC CONTROL

89.01 General

All traffic control shall be in accordance with the following:

- OPSS 706 as amended;
- Ministry of Transportation (MTO), Ontario Traffic Manual, Book 7 - Temporary Conditions;
- MTO Central Region Temporary Conditions – Traffic Management – Advance Notification, Advance Warning and Alternative Route Signing for Provincial Highways;
- Special Provision General - Traffic Requirements.

This item shall include all cost for the supply, placement and maintenance of all traffic control measures and signs, including all advance road closure warning signs, road closure signs and temporary conditions signage, as per Ontario Traffic Manual - Book 7, the Traffic Management Plans (DT:TM-1 to DT:TM-6), and drawing 17-H-16 (PVMS). The exact location of signs will be determined at the time of Construction by the City. Contact Traffic Operations Construction Coordinator at 905-546-2424, extension 1889 to coordinate.

City of Hamilton Traffic Operations forces will supply and install any additional detour signage on the City's municipal road network (over and beyond the traffic control stated above) to support the RHVP project's closure stages, and will be coordinated through the City's Construction Project Manager and communicated to the Contractor prior to any changes.

Coordination with the MTO

The Contractor shall coordinate with the MTO, the closure and re-opening of QEW Ramps and installation of signs on MTO lands (QEW and HWY 403). The closure of MTO ramps and installation of associated signs will be the responsibility of the MTO or their representative.

The Contractor shall coordinate with the MTO and the Freeway Traffic Management System COMPASS, all MTO ramp closures at least 1 week in advance of the closures.

The Contractor shall pay for all cost associated with MTO ramp closures. The City will reimburse the Contractor for these charges out of the Cash Allowance Item provided in the Schedule of Prices. The Contractor must submit all MTO invoices to the City for reimbursement. There will be no mark-up permitted on these invoices.

89.02 Payment

89.02.01 Measurement for Payment

Measurement for payment for all traffic control and related temporary works shall be by lump sum.

89.02.02 Basis of Payment

This item shall apply to all traffic control for the entire project.

The supply, placement and maintenance Portable Variable Message Signs (PVMS) is covered under a separate Item.

Payment at the lump sum price for the above tender items shall be full compensation for all labour, equipment and Material to do the work.

The lump sum price will be pro-rated and paid in equal monthly instalments for the duration project, whenever there is active construction.

END OF ADDENDUM 1

Bidders submitting a bid have made any necessary inquiries with respect to addenda issued by the City and have provided for all addenda in their Tender submission.

All addenda will be posted on the City's bid opportunities portal at: hamilton.bidsandtenders.ca

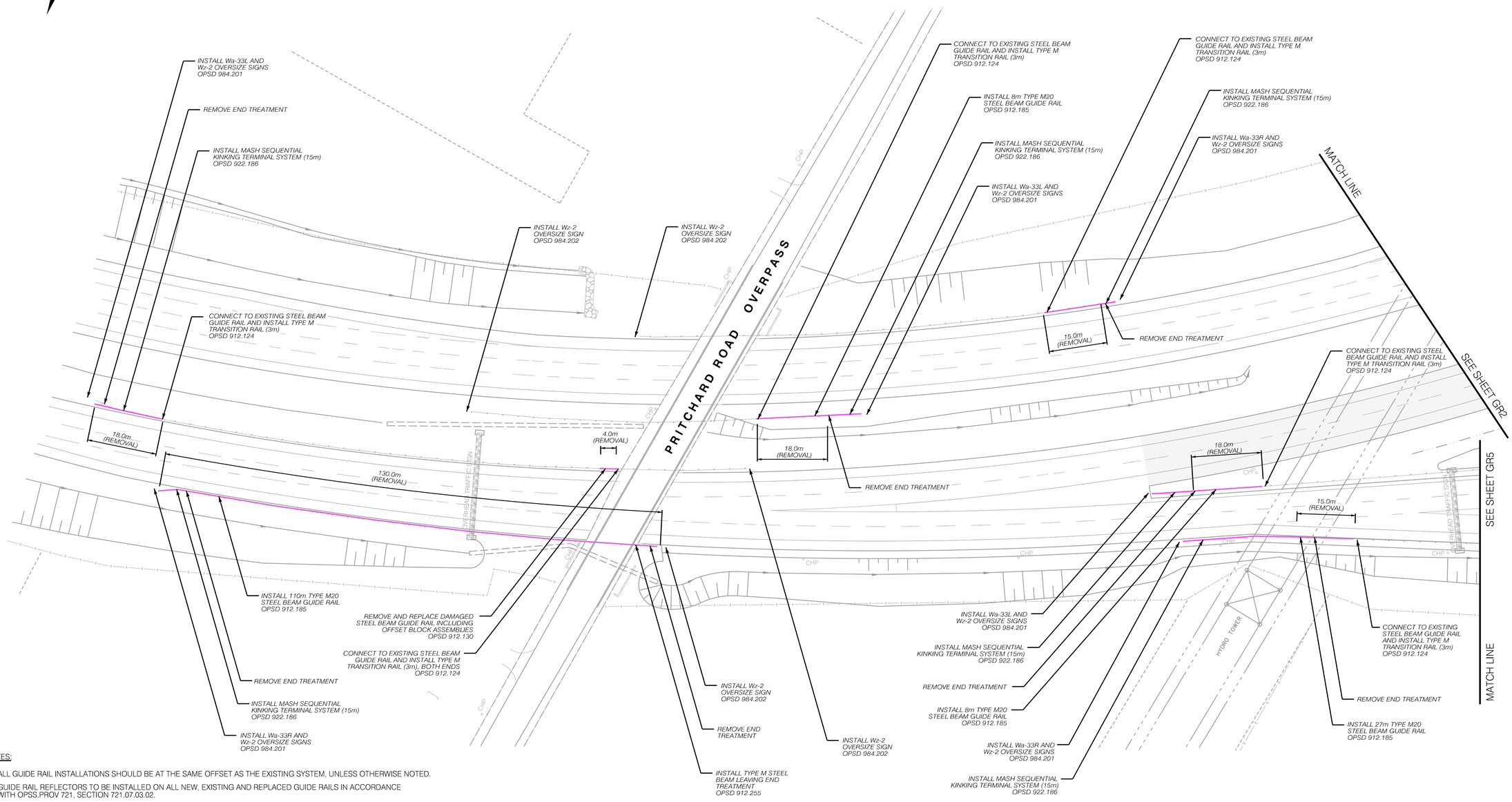
Procurement Section, City of Hamilton, Ontario
(Revised: July 24, 2018)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No. C15-20-19 (H)
DRAWING No. 17-H-16 (GR1)

SHEET No.
GR1 OF GR24



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No.	REVISIONS	INITIAL	DATE
1	Re-issued for tender - March 21, 2019		

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ACTIVITIES	
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Drawn Date:	27-04-17
Design By:	N.Z. T.B
Design Date:	28-01-19

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(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

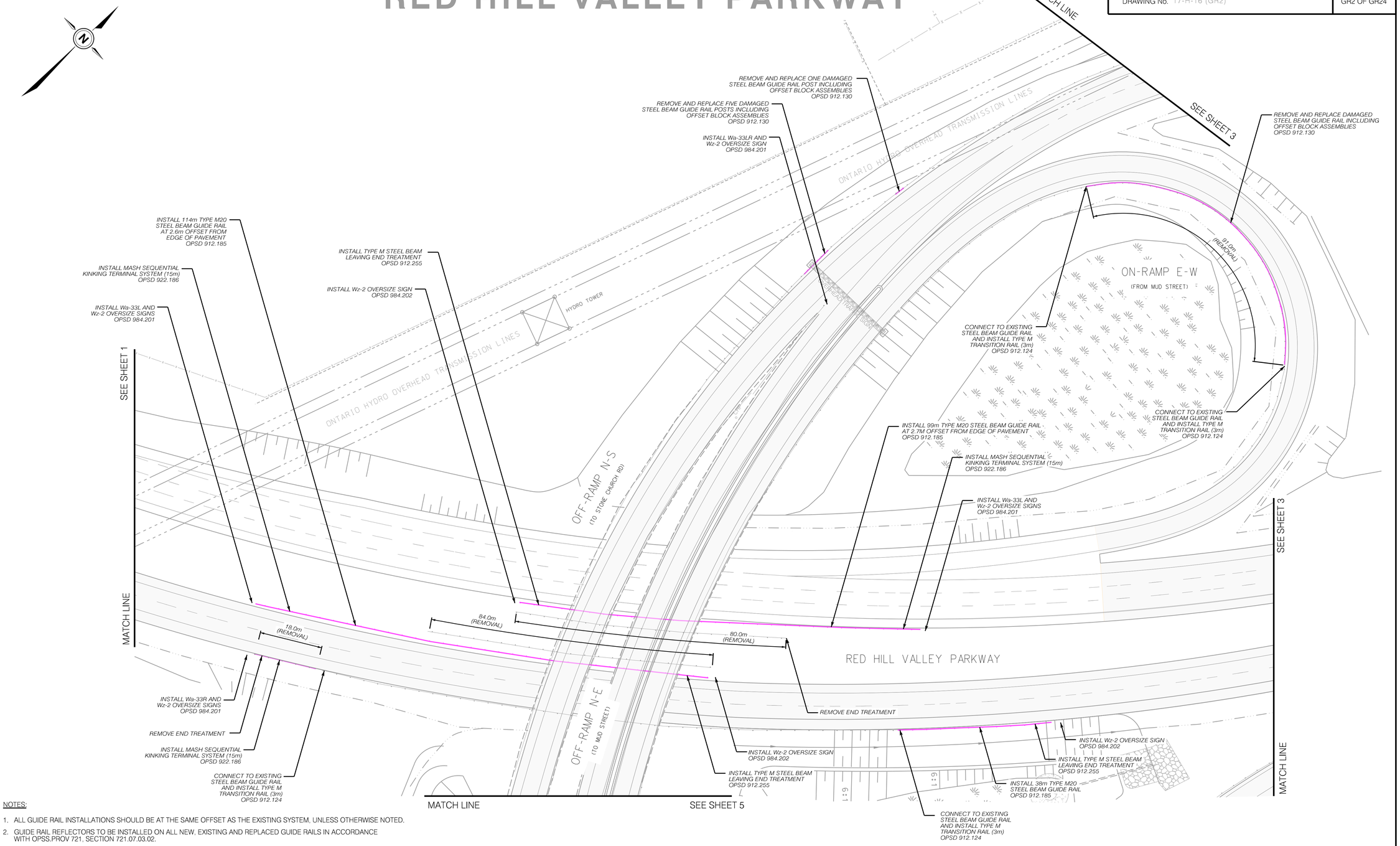
RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchard Road
To : MTO QEW Limits

17-H-16 (GR1)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.	SHEET No.
DRAWING No. 17-H-16 (GR2)	GR2 OF GR24



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HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.
Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

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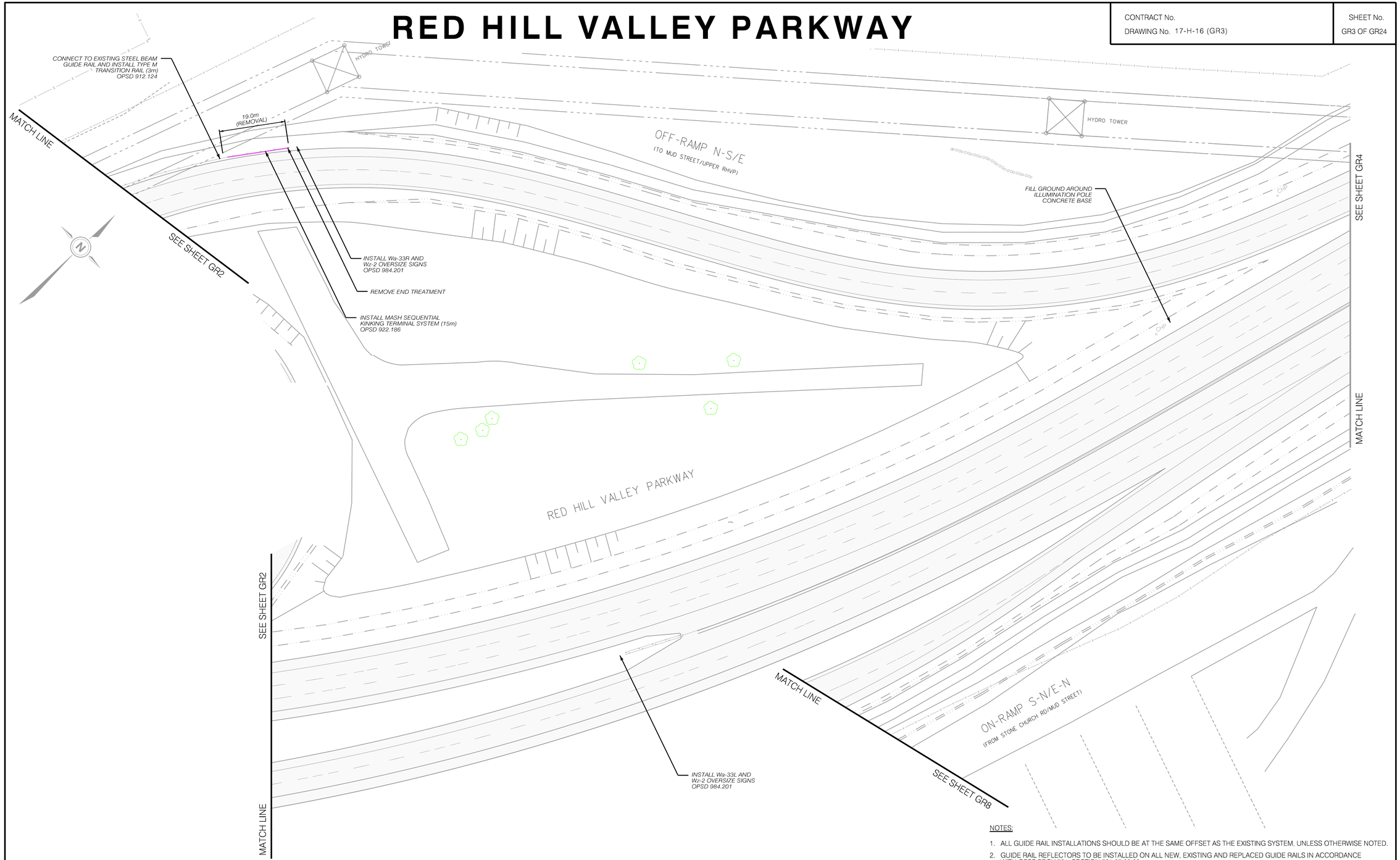
17-H-16 (GR2)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR3)

SHEET No.
GR3 OF GR24



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Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

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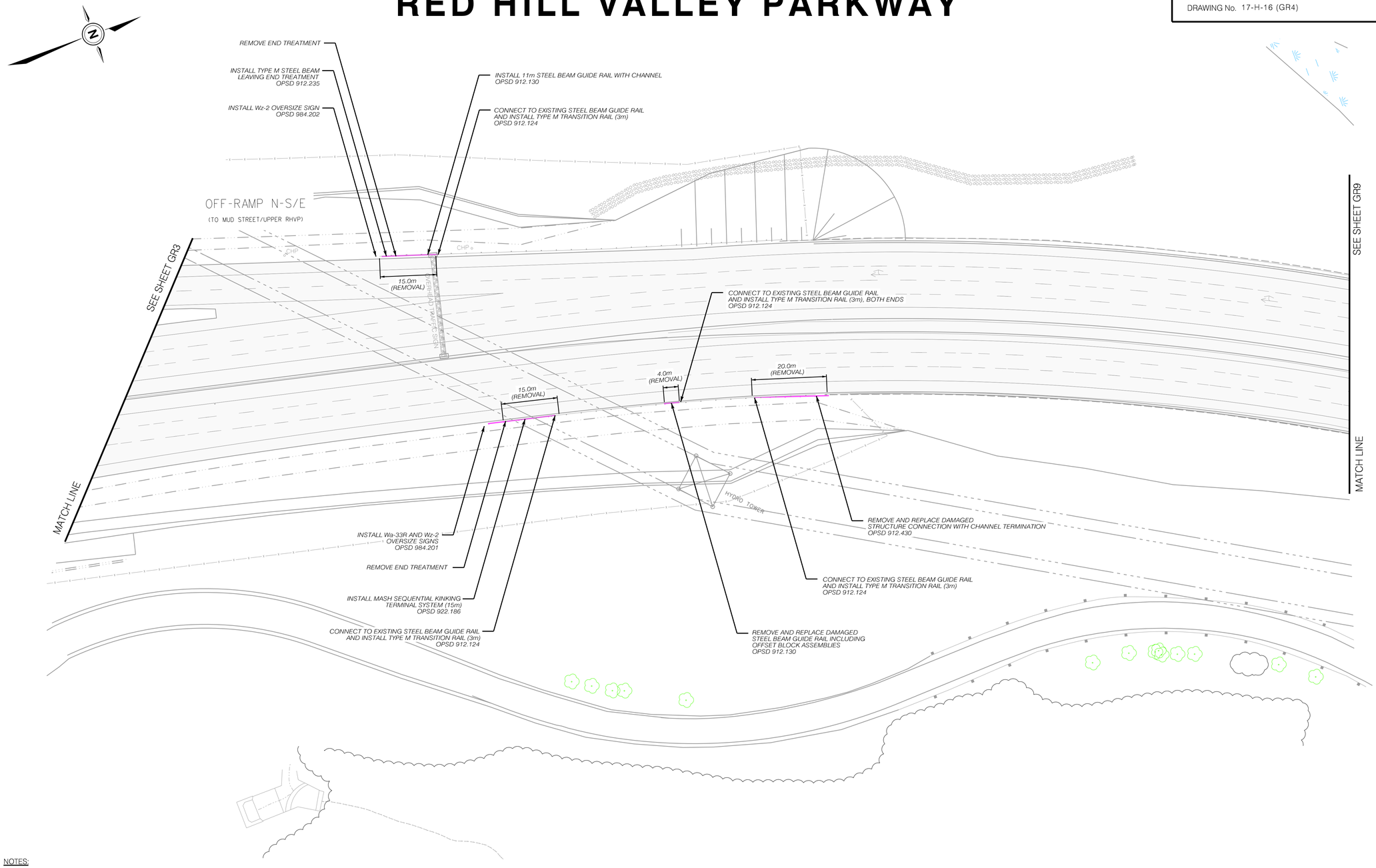
17-H-16 (GR3)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR4)

SHEET No.
GR4 OF GR24



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HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

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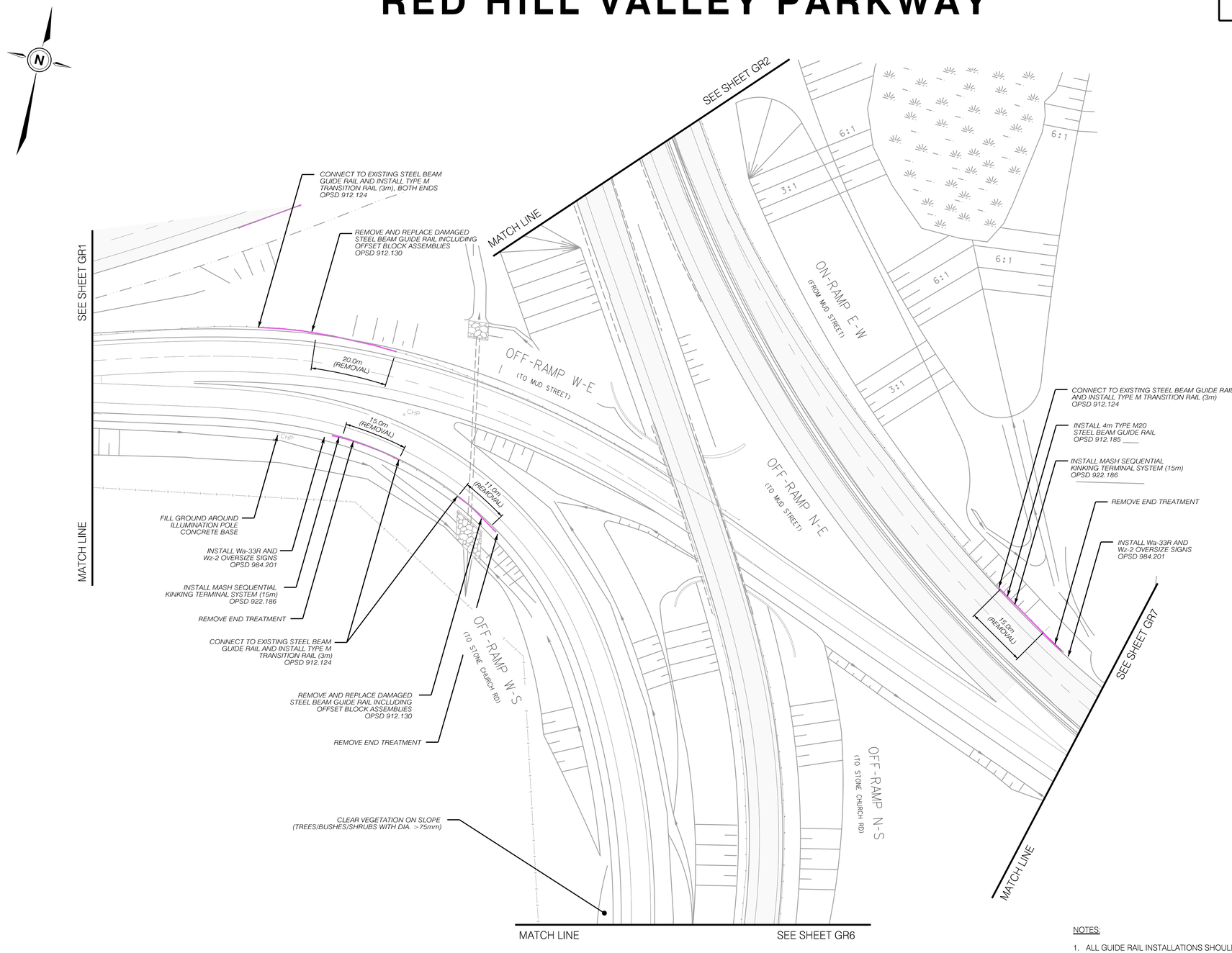
17-H-16 (GR4)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR5)

SHEET No.
GR5 OF GR24



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RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

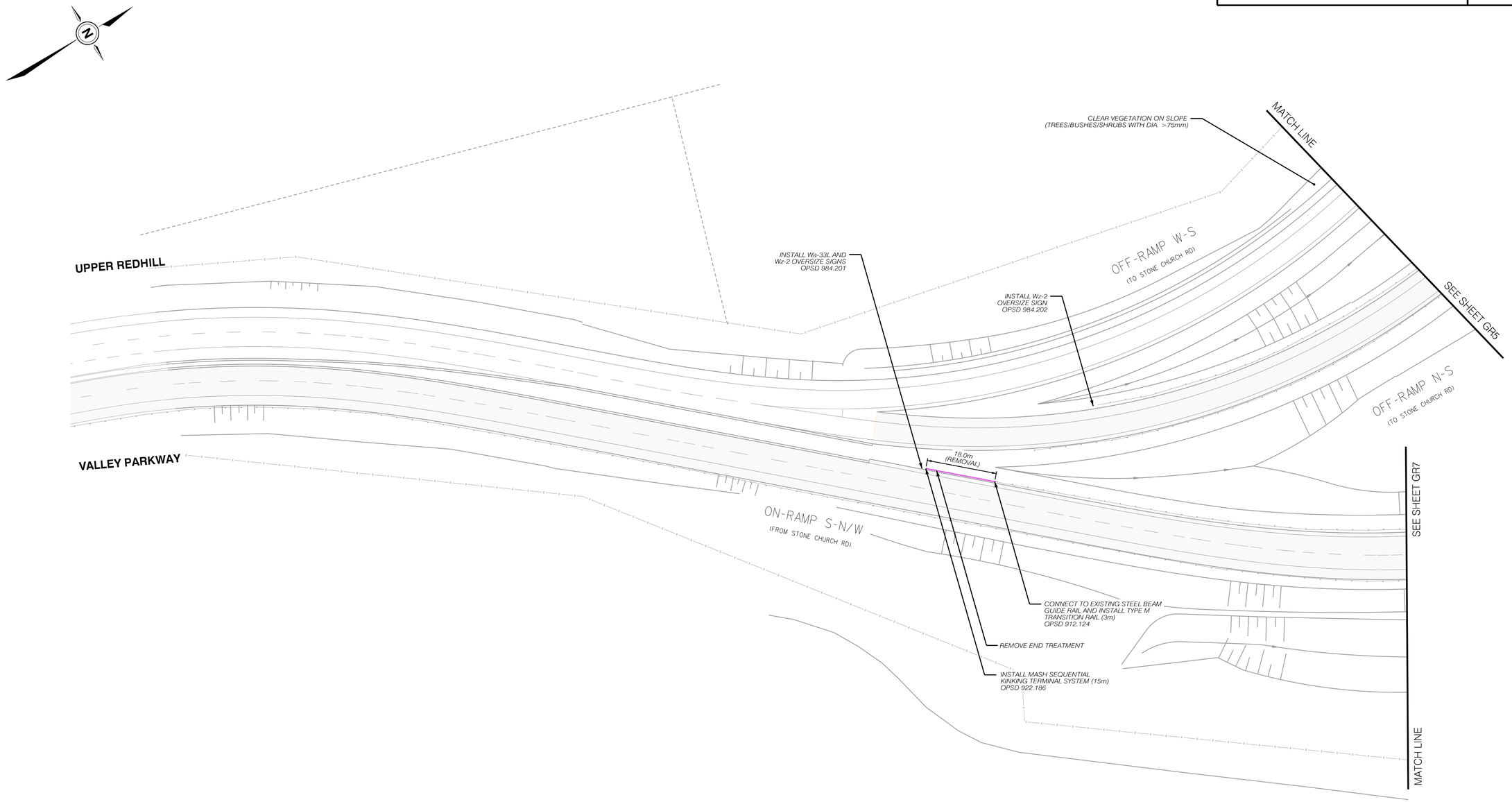
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17-H-16 (GR5)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.	SHEET No.
DRAWING No. 17-H-16 (GR6)	GR6 OF GR24



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HORIZONTAL 1:500

Project Manager (Design)
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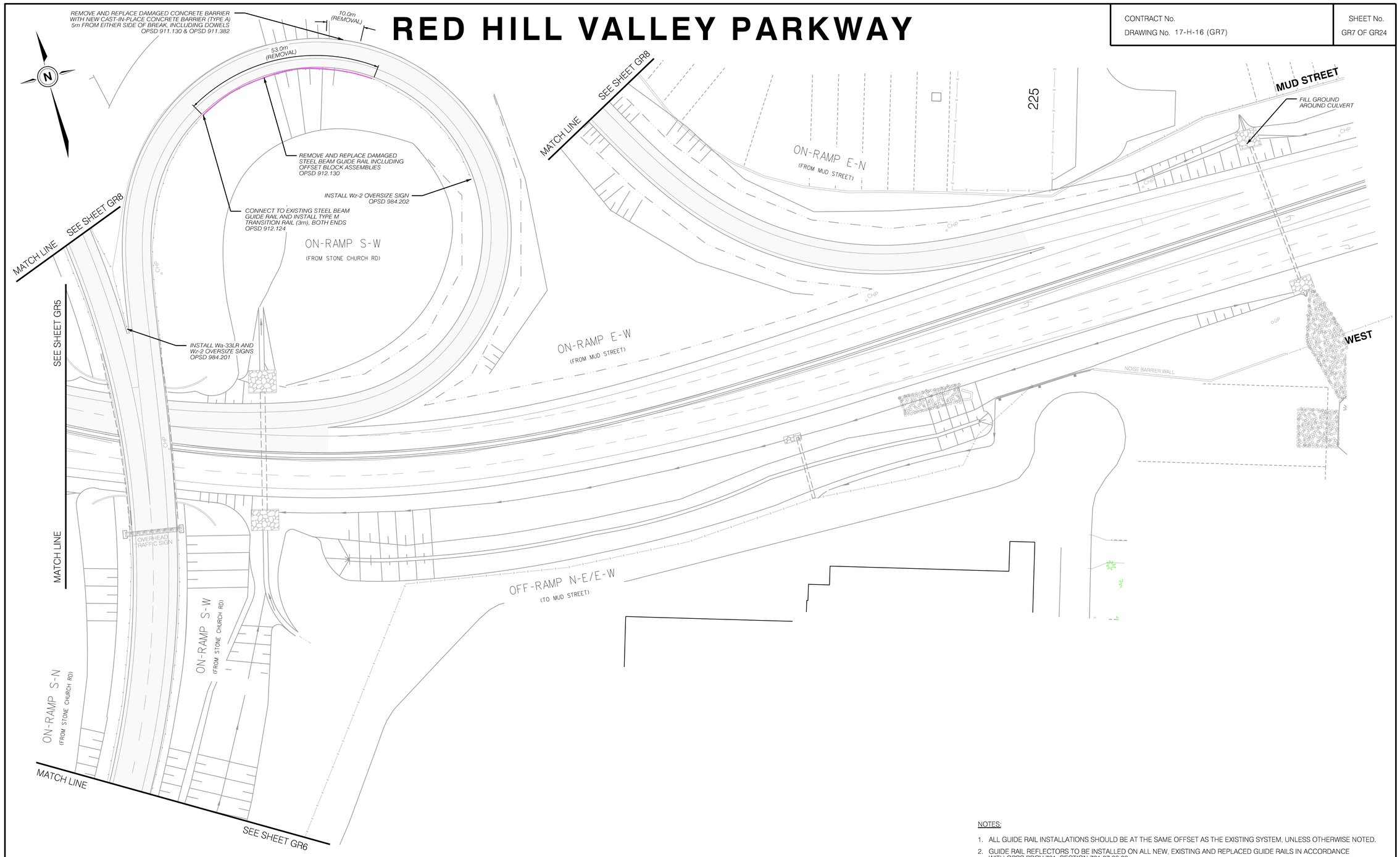
17-H-16 (GR6)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR7)

SHEET No.
GR7 OF GR24



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RED HILL VALLEY PARKWAY

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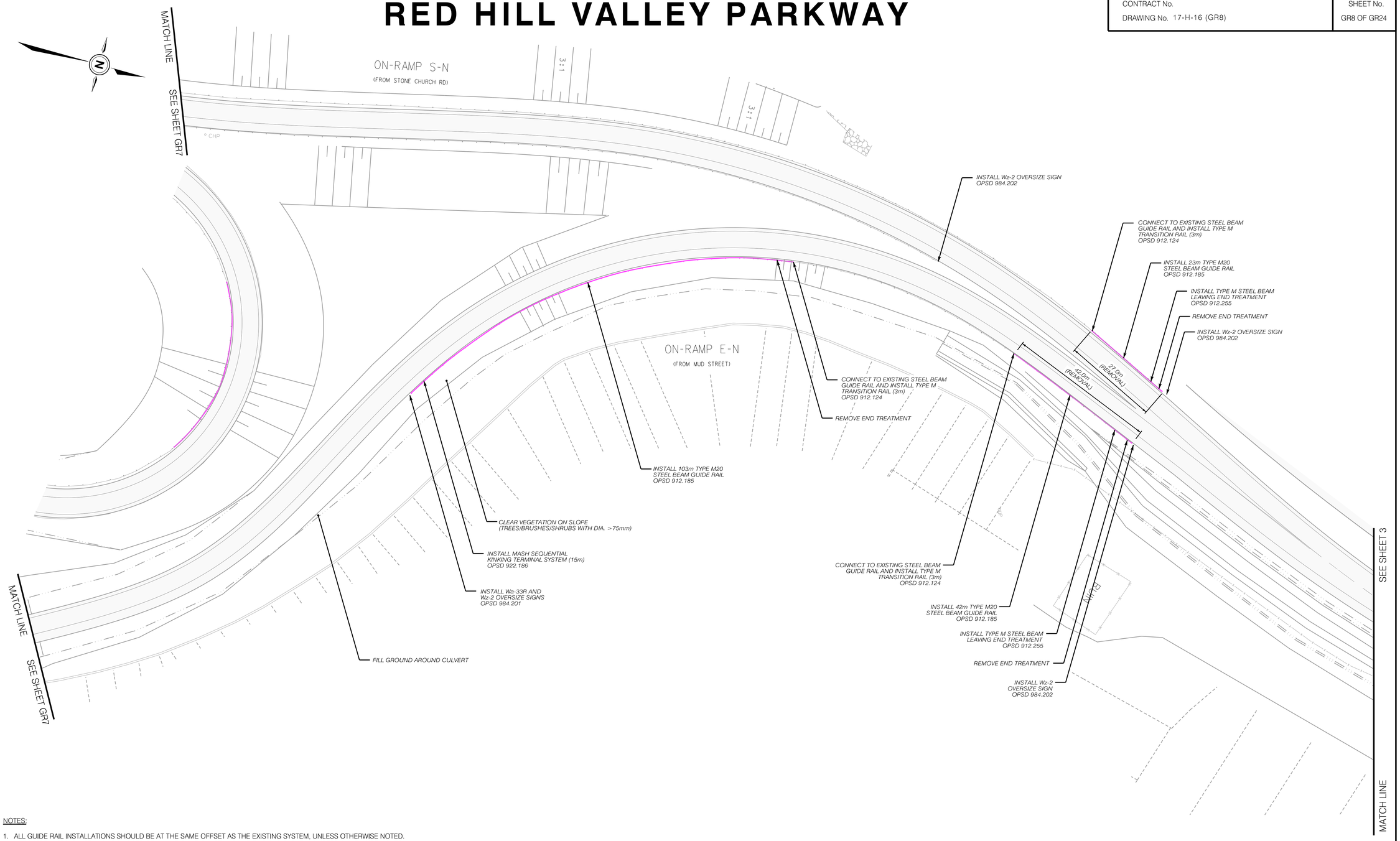
17-H-16 (GR7)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR8)

SHEET No.
GR8 OF GR24



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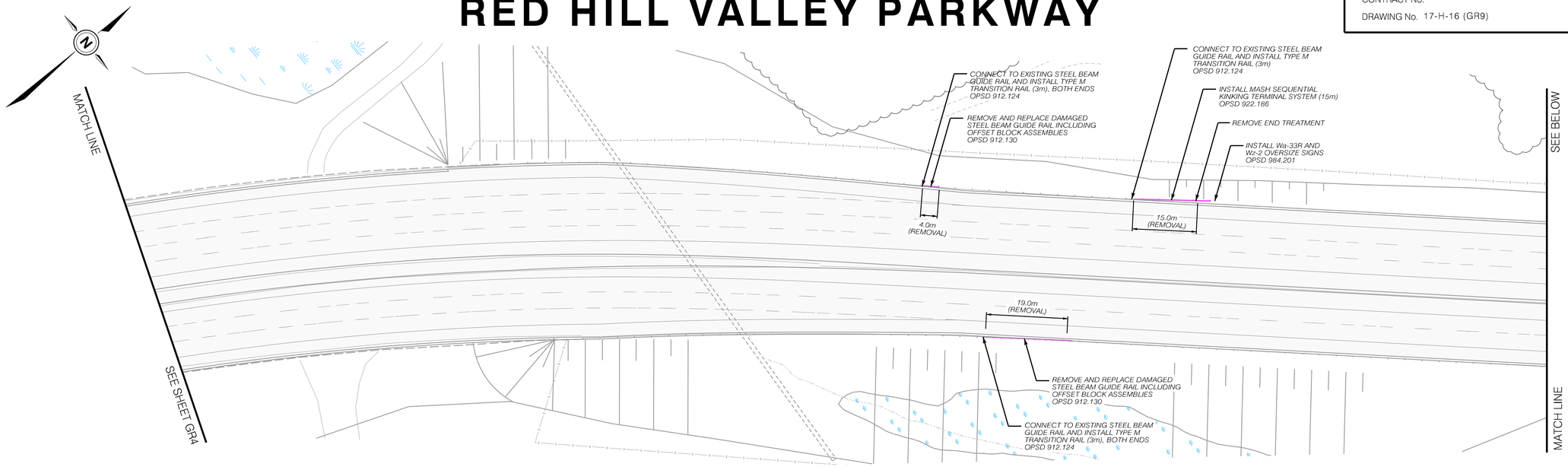
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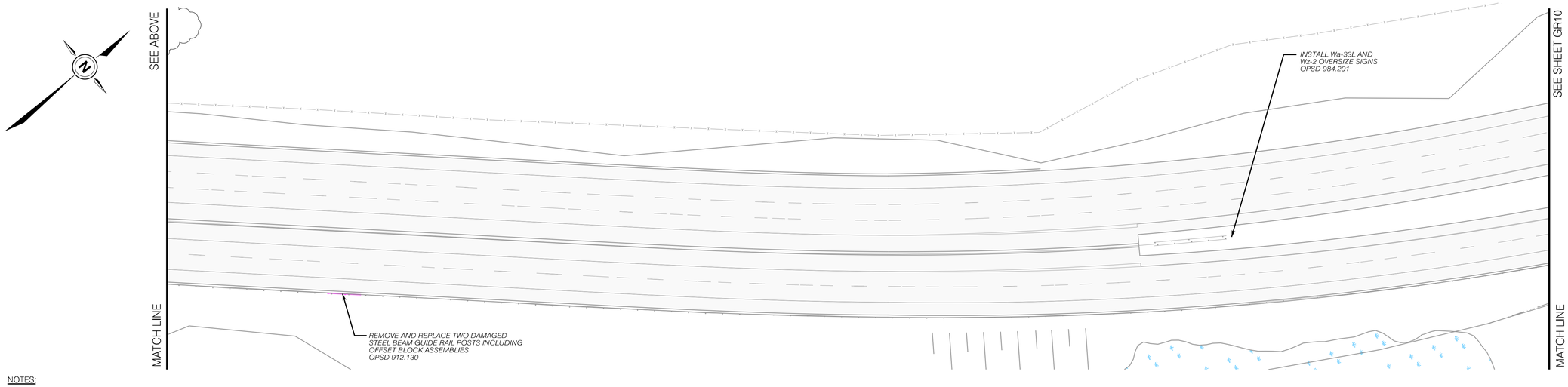
RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR9)

SHEET No.
GR9 OF GR24





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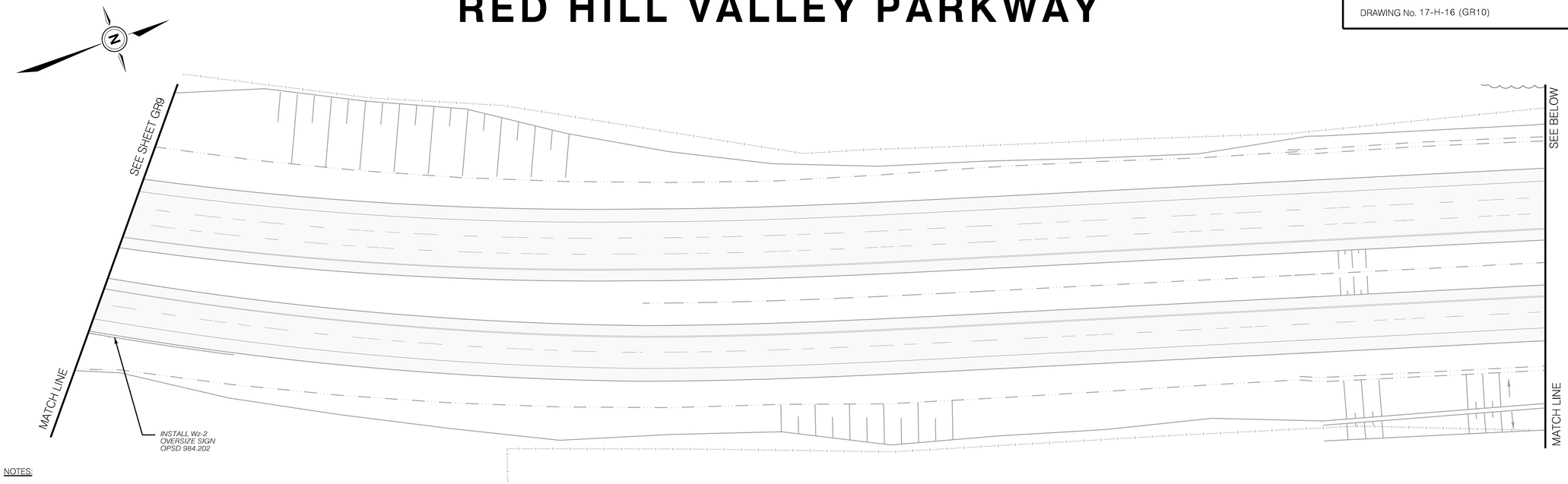
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RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

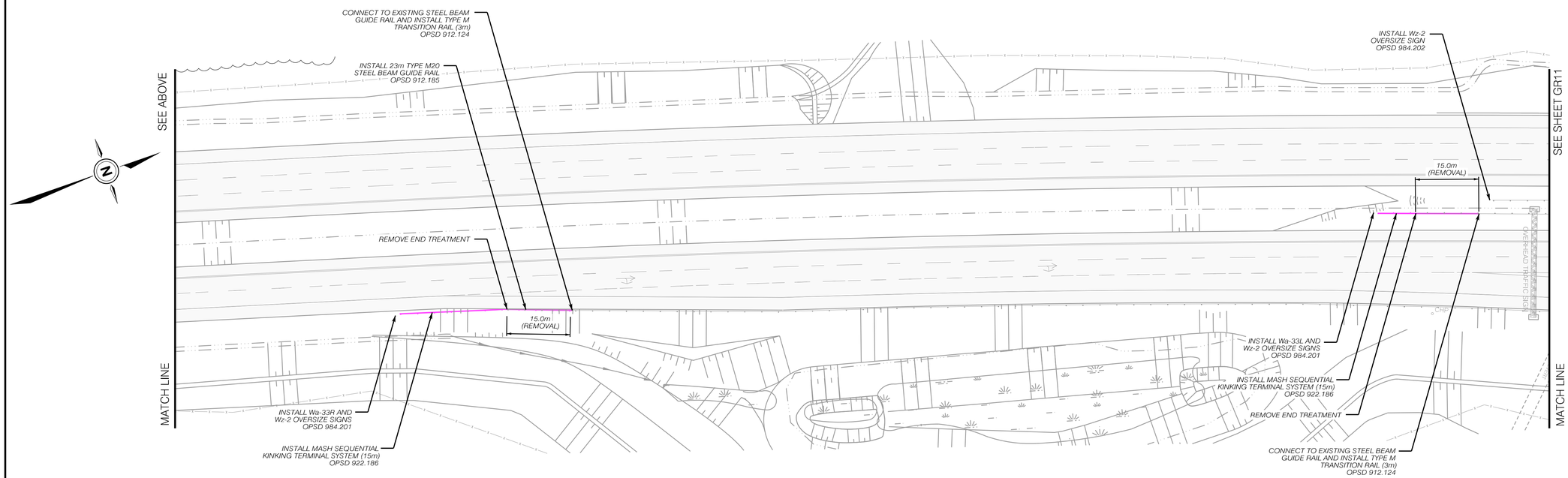
CONTRACT No.
DRAWING No. 17-H-16 (GR10)

SHEET No.
GR10 OF GR24



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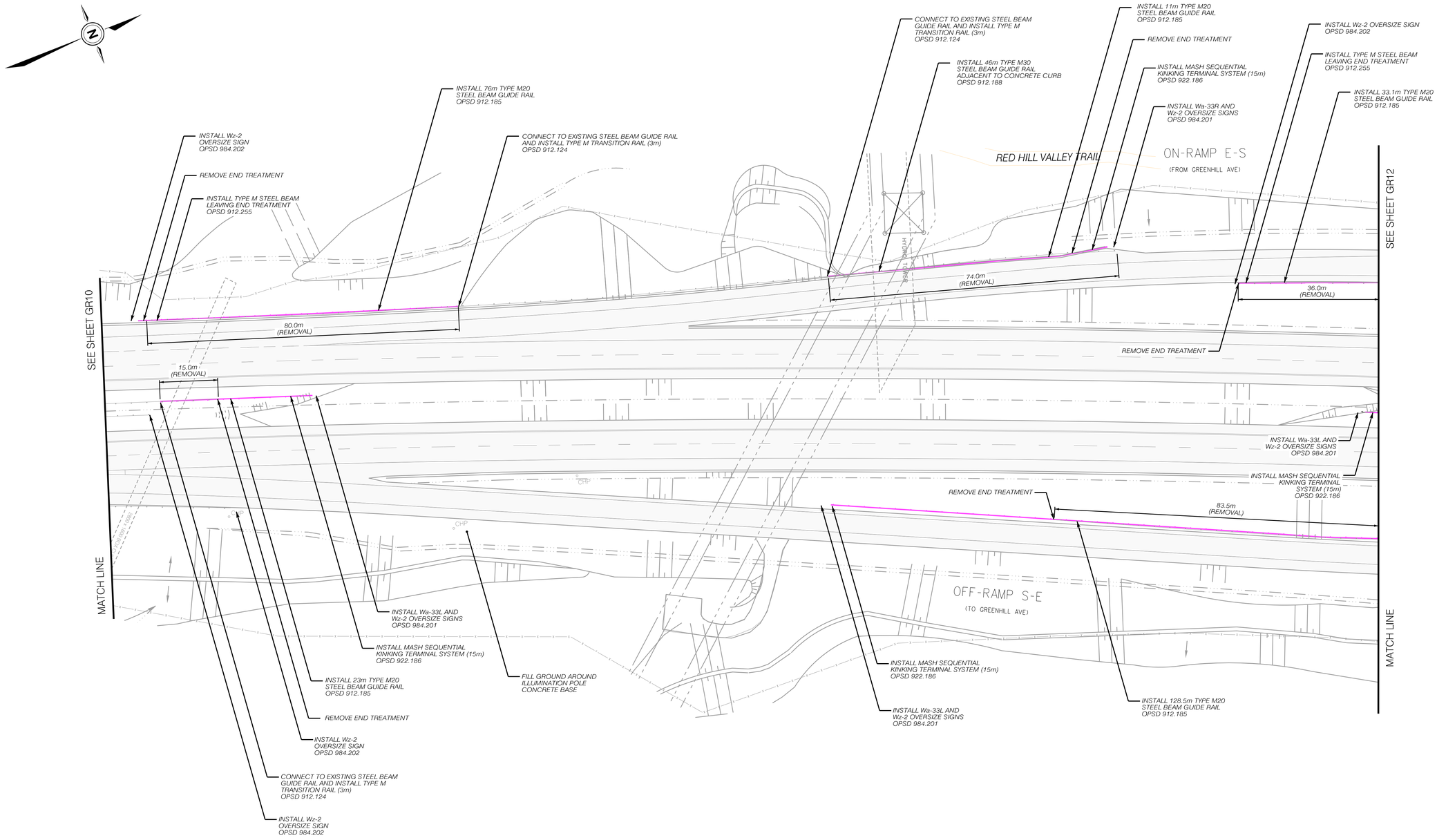
17-H-16 (GR10)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR11)

SHEET No.
GR11 OF GR24



NOTES:

1. ALL GUIDE RAIL INSTALLATIONS SHOULD BE AT THE SAME OFFSET AS THE EXISTING SYSTEM, UNLESS OTHERWISE NOTED.
2. GUIDE RAIL REFLECTORS TO BE INSTALLED ON ALL NEW, EXISTING AND REPLACED GUIDE RAILS IN ACCORDANCE WITH OPSS.PROV 721, SECTION 721.07.03.02.

No.	REVISIONS	INITIAL	DATE
1	Re-issued for tender - March 21, 2019		

Dimensions shown on this plan are in millimetres unless otherwise noted

REFERENCE MATERIAL

Data displayed on this plan is compiled from digital mapping, aerial photography (2015), Teranet parcil plans and digitized terrain models.
Field survey work has not been completed at this time.

ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	27-04-17
Design By:	N.Z, T.B
Design Date:	28-01-19

Q/C IN ACCORDANCE WITH ASCE STANDARD 38-02
All Utilities depicted are at (D) unless otherwise noted.
(D) information derived from existing records
(C) information obtained from field survey combined with (D) information
(B) information obtained in field and indicates horizontal position of subsurface utility
(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchard Road
To : MTO QEW Limits

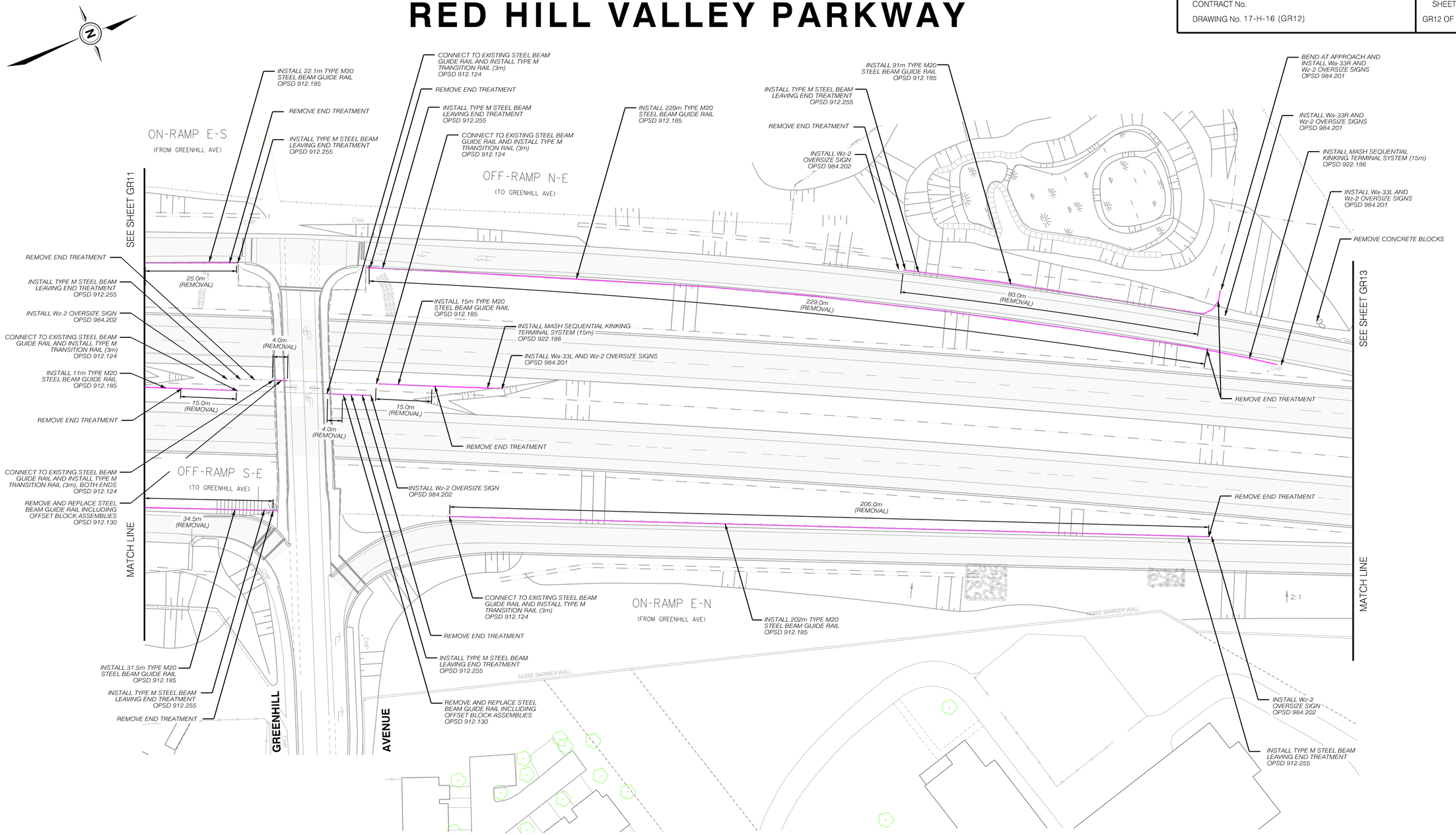
17-H-16 (GR11)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR12)

SHEET No.
GR12 OF GR24



NOTES:

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No.	REVISIONS	INITIAL	DATE
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ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	27-04-17
Design By:	N.Z. T.B
Design Date:	28-01-19

Q/C IN ACCORDANCE WITH ASCE STANDARD 38-02
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(B) information obtained in field and indicates horizontal position of subsurface utility
(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

From : Pritchard Road
To : MTO QEW Limits

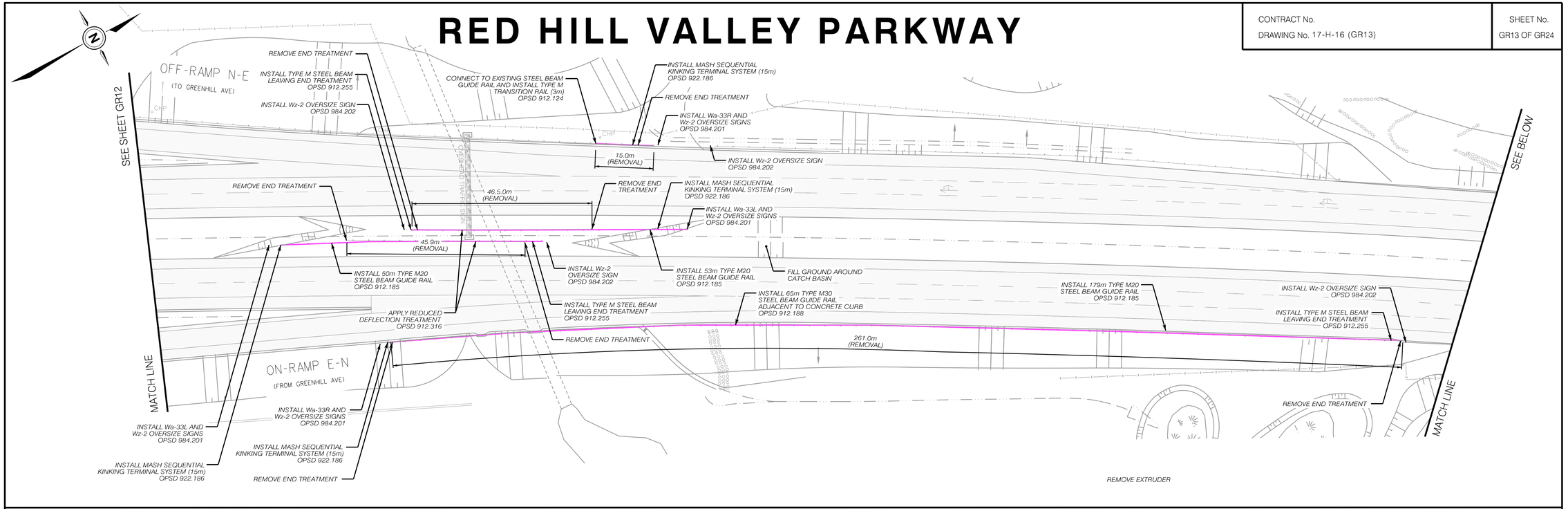
17-H-16 (GR12)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR13)

SHEET No.
GR13 OF GR24



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Drawn By:	O.S.
Drawn Date:	27-04-17
Design By:	N.Z. T.B
Design Date:	28-01-19

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(B) information obtained in field and indicates horizontal position of subsurface utility
(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchard Road
To : MTO QEW Limits

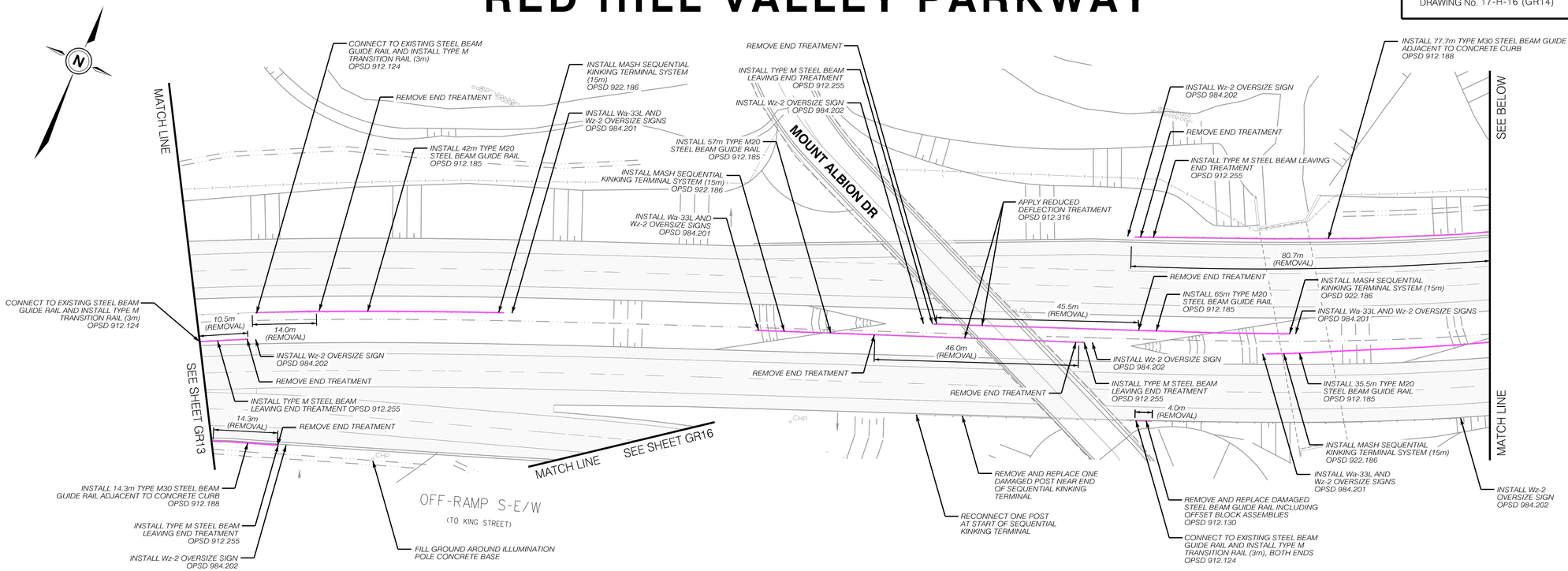
17-H-16 (GR13)

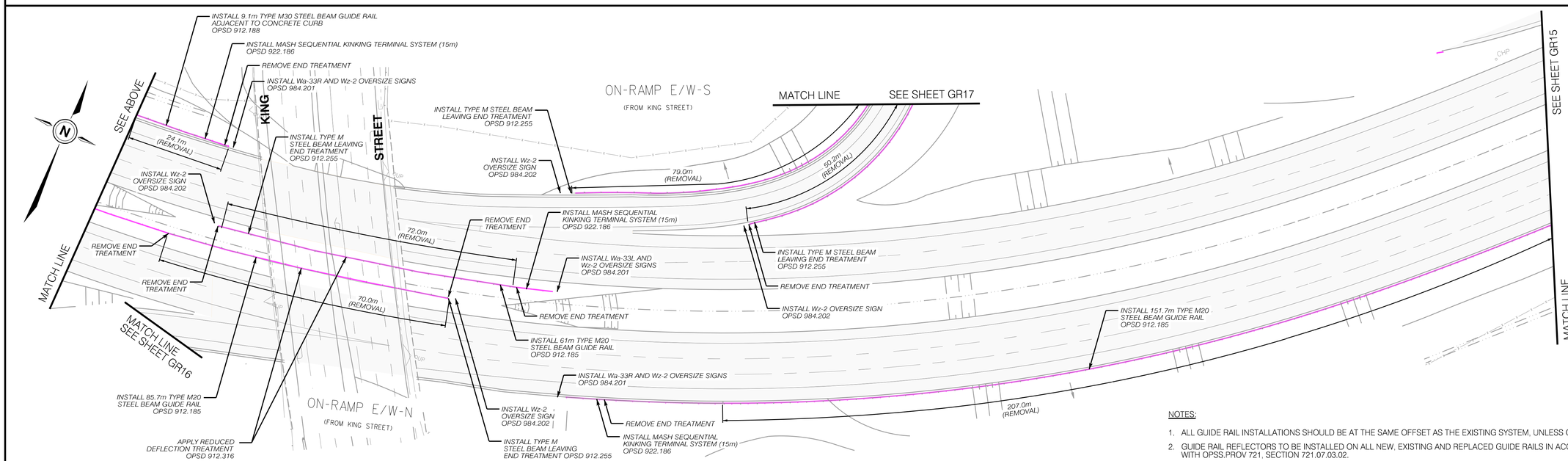
RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR14)

SHEET No.
GR14 OF GR24





NOTES:

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No.	REVISIONS	INITIAL	DATE
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REFERENCE MATERIAL

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ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	27-04-17
Design By:	N.Z. T.B
Design Date:	28-01-19

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(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchard Road
To : MTO QEW Limits

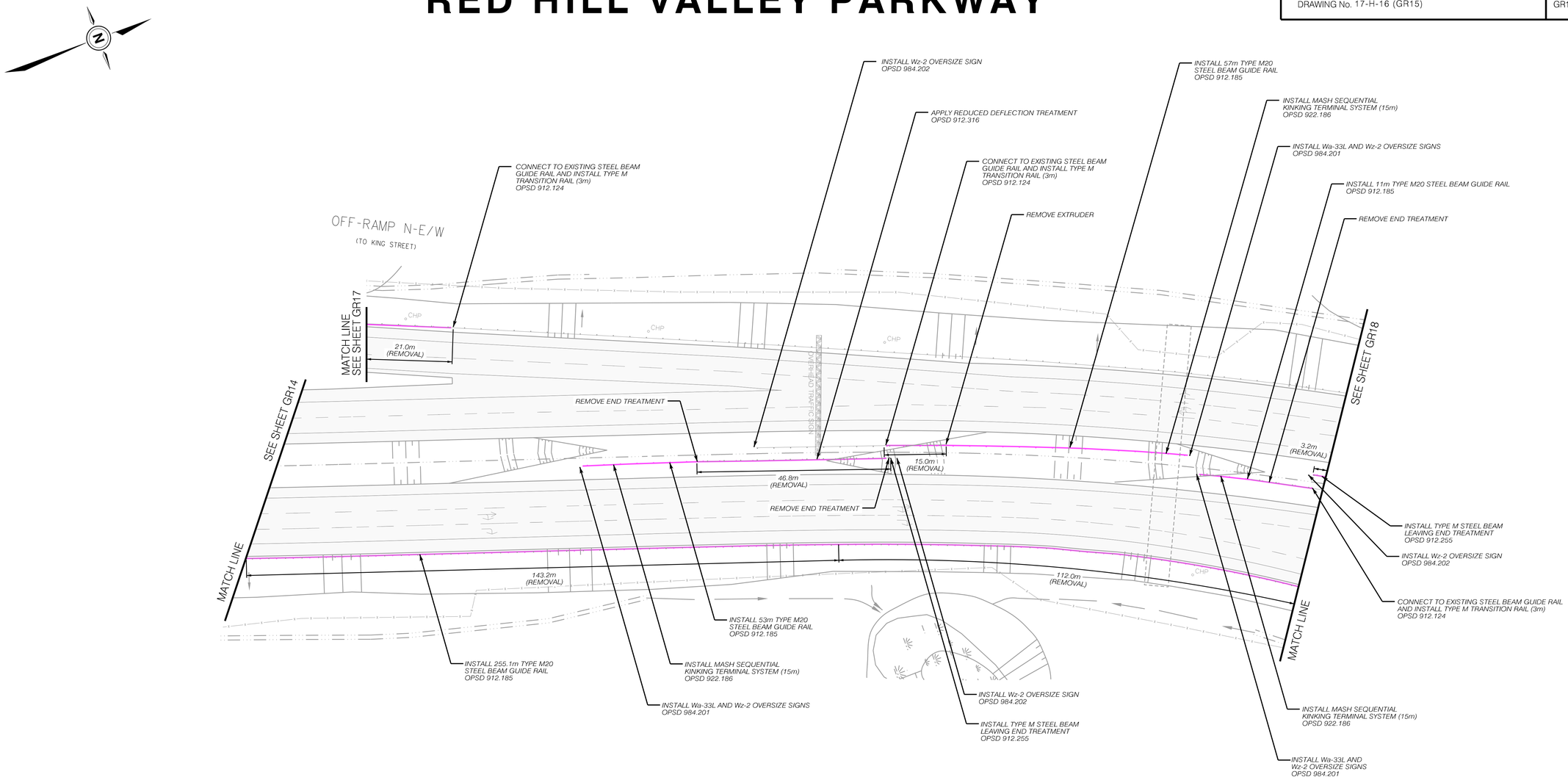
17-H-16 (GR14)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR15)

SHEET No.
GR15 OF GR24



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No.	REVISIONS	INITIAL	DATE
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ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	27-04-17
Design By:	N.Z. T.B
Design Date:	28-01-19

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(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

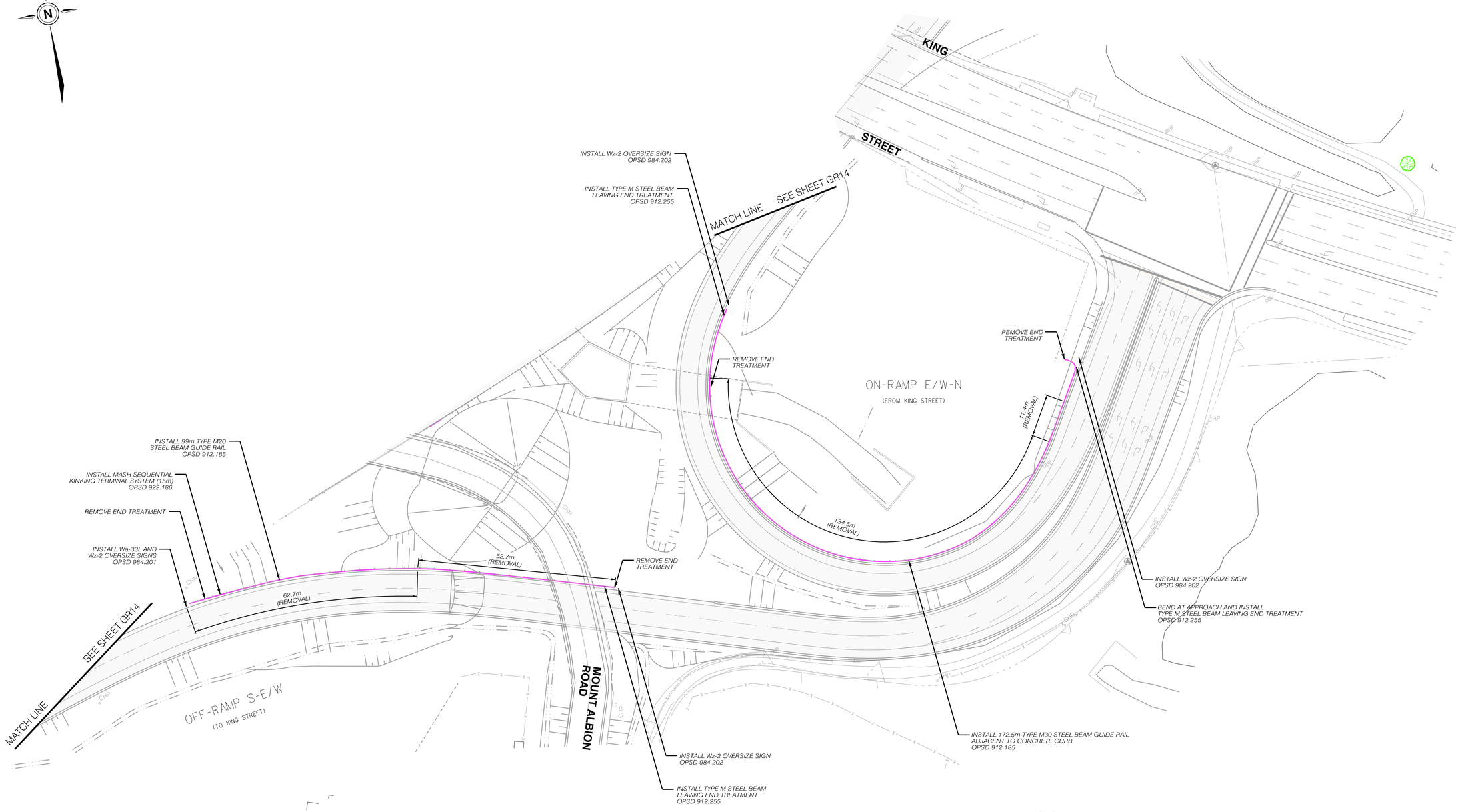
From : Pritchard Road
To : MTO QEW Limits

17-H-16 (GR15)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.	SHEET No.
DRAWING No. 17-H-16 (GR16)	GR16 OF GR24



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ACTIVITIES	
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Drawn Date:	27-04-17
Design By:	N.Z, T.B
Design Date:	28-01-19

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SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchard Road
To : MTO QEW Limits

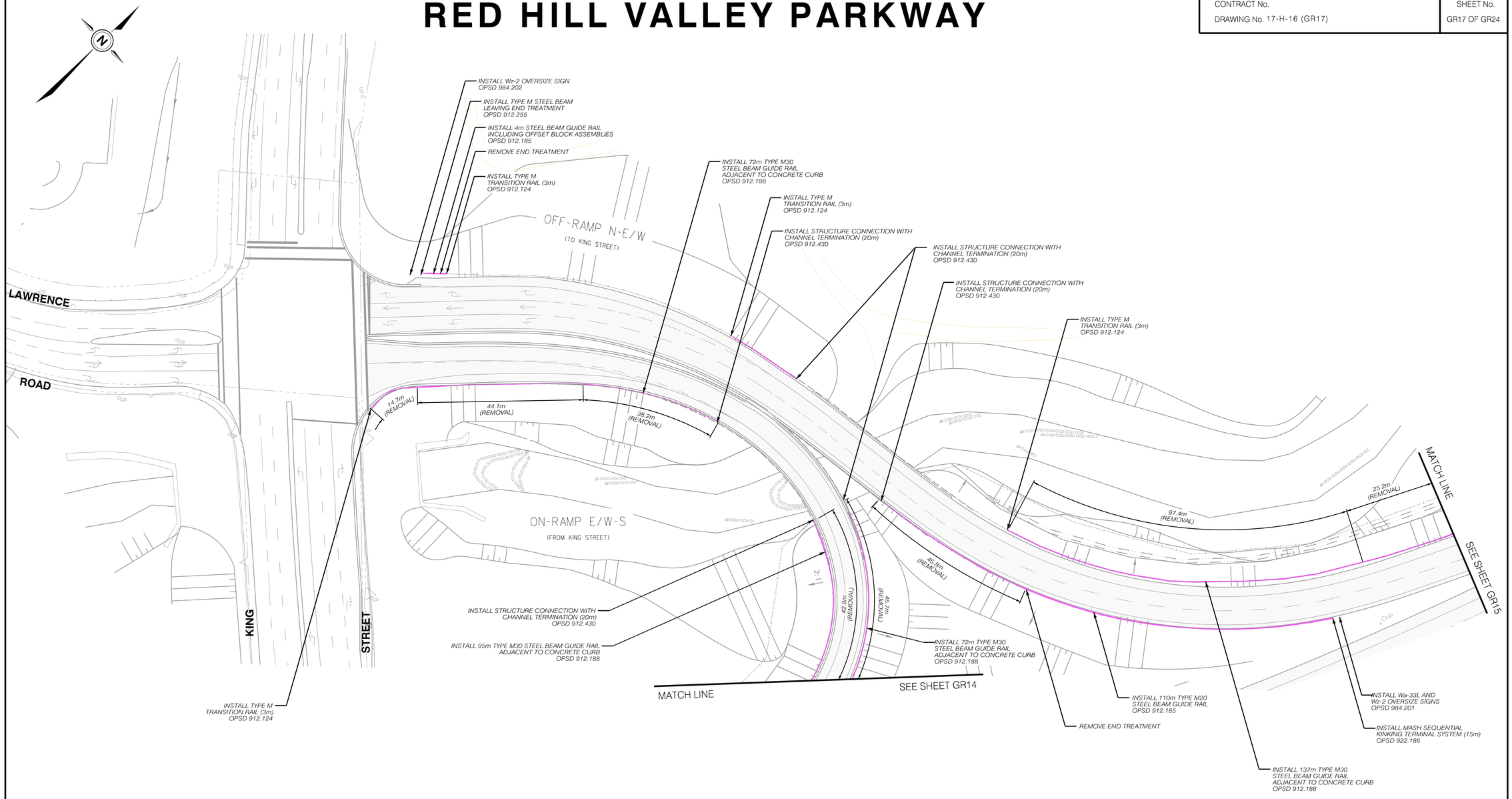
17-H-16 (GR16)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR17)

SHEET No.
GR17 OF GR24



NOTES:

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Design By:	N.Z. T.B
Design Date:	28-01-19

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SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

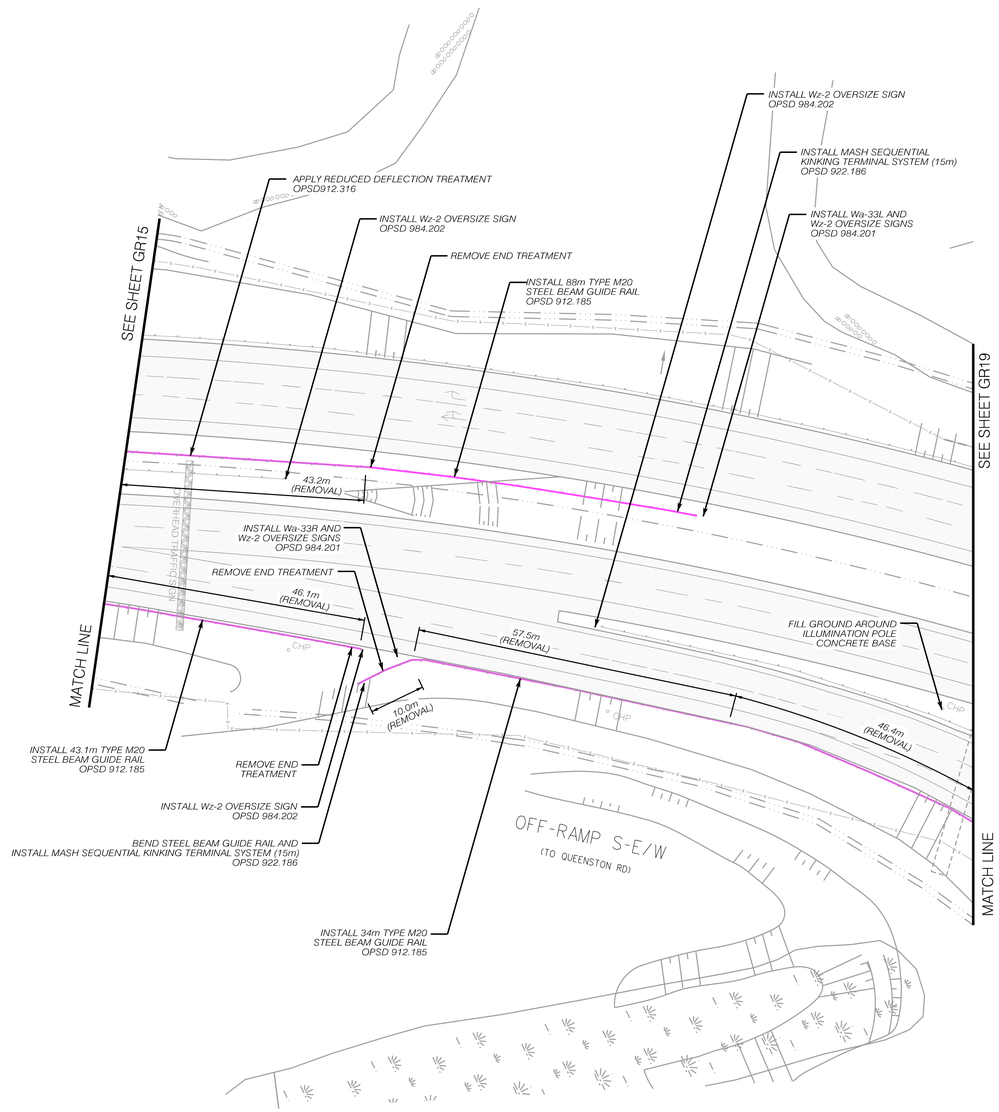
From : Pritchard Road
To : MTO QEW Limits

17-H-16 (GR17)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.	SHEET No.
DRAWING No. 17-H-16 (GR18)	GR18 OF GR24



NOTES:

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No.	REVISIONS	INITIAL	DATE
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ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	15-05-17
Design By:	N.Z. T.B
Design Date:	28-01-19

Q/C IN ACCORDANCE WITH ASCE STANDARD 38-02
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SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

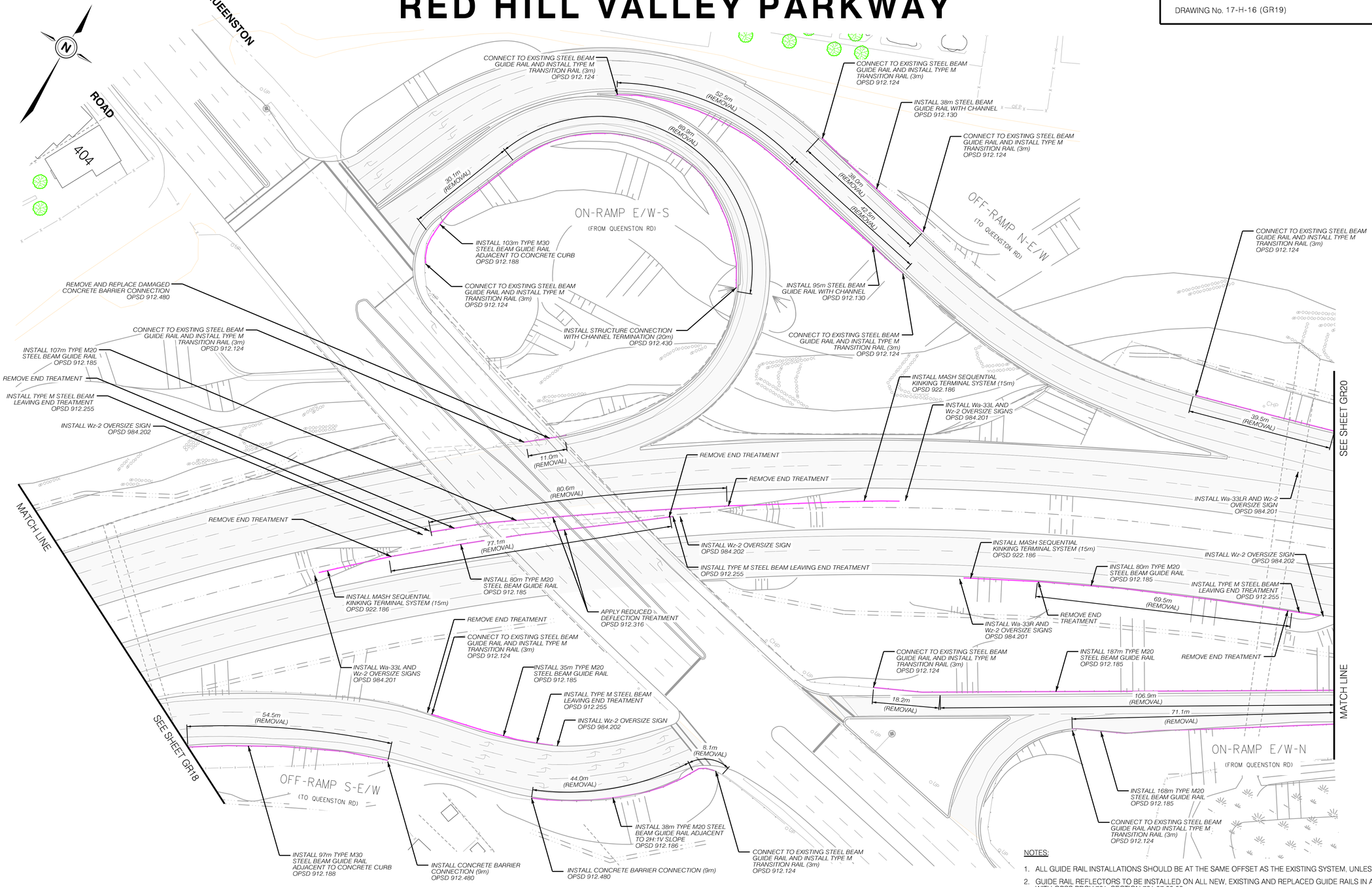
From : Pritchard Road
To : MTO QEW Limits

17-H-16 (GR18)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.	SHEET No.
DRAWING No. 17-H-16 (GR19)	GR19 OF GR24



NOTES:

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Design By:	N.Z, T.B
Design Date:	28-01-19

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SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchard Road
To : MTO QEW Limits

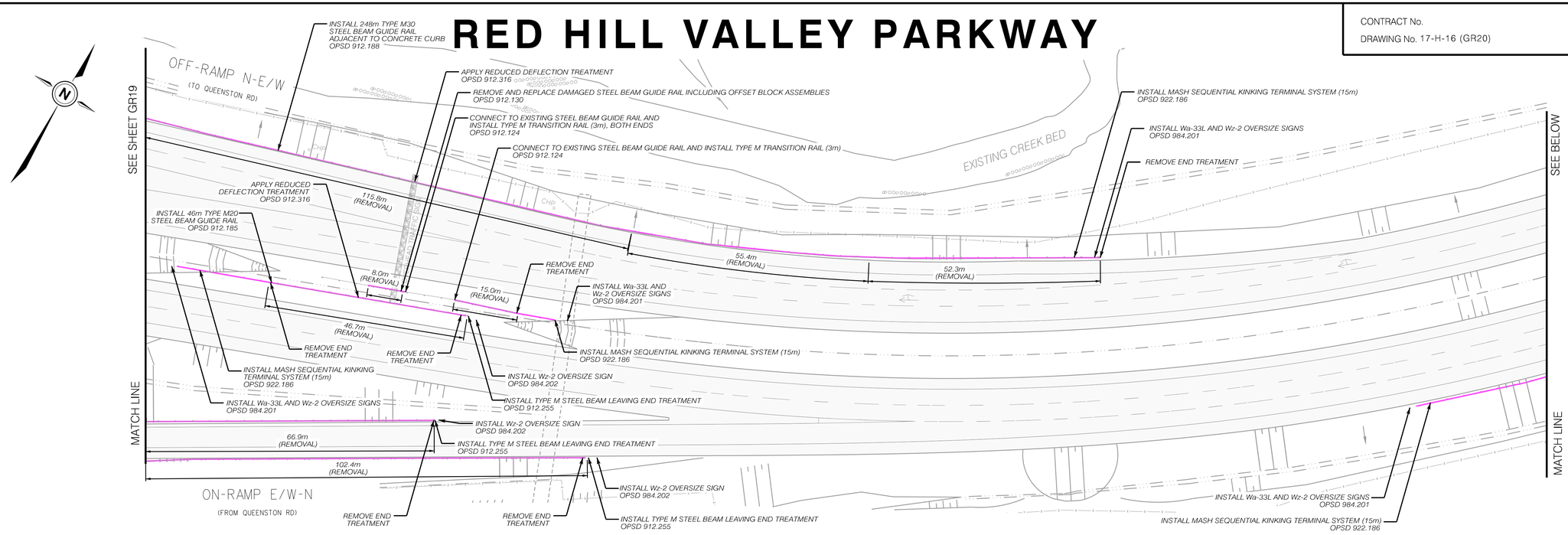
17-H-16 (GR19)

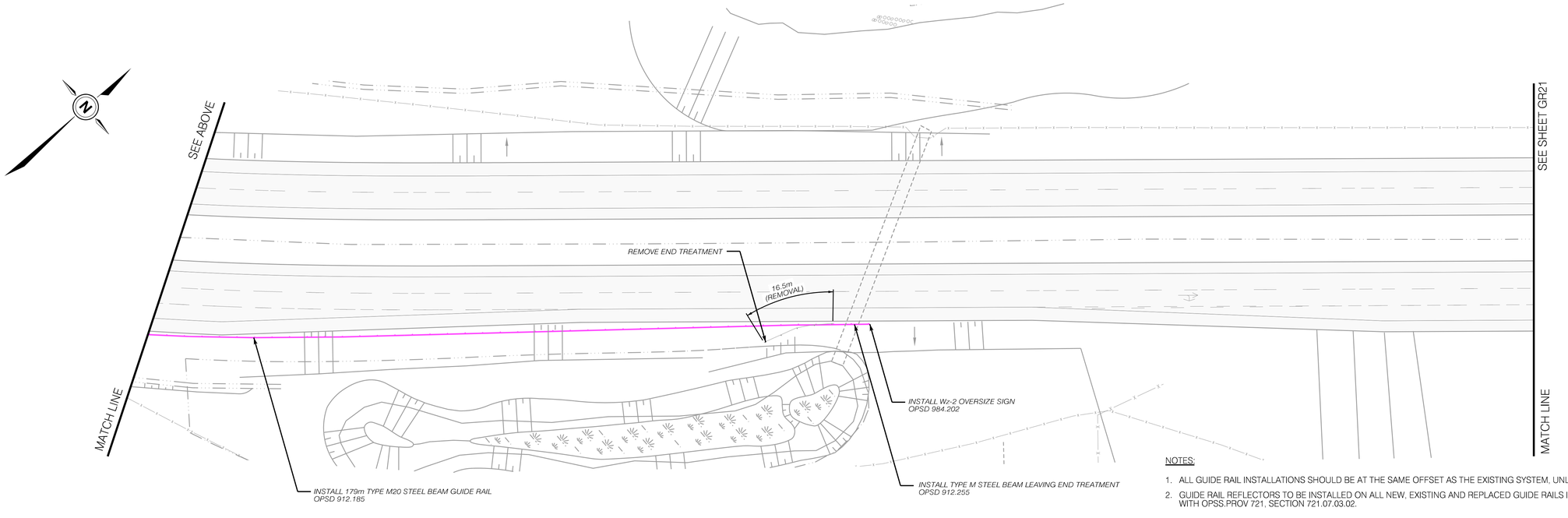
RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR20)

SHEET No.
GR20 OF GR24





NOTES:

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No.	REVISIONS	INITIAL	DATE
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ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	15-05-17
Design By:	N.Z. T.B
Design Date:	28-01-19

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(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

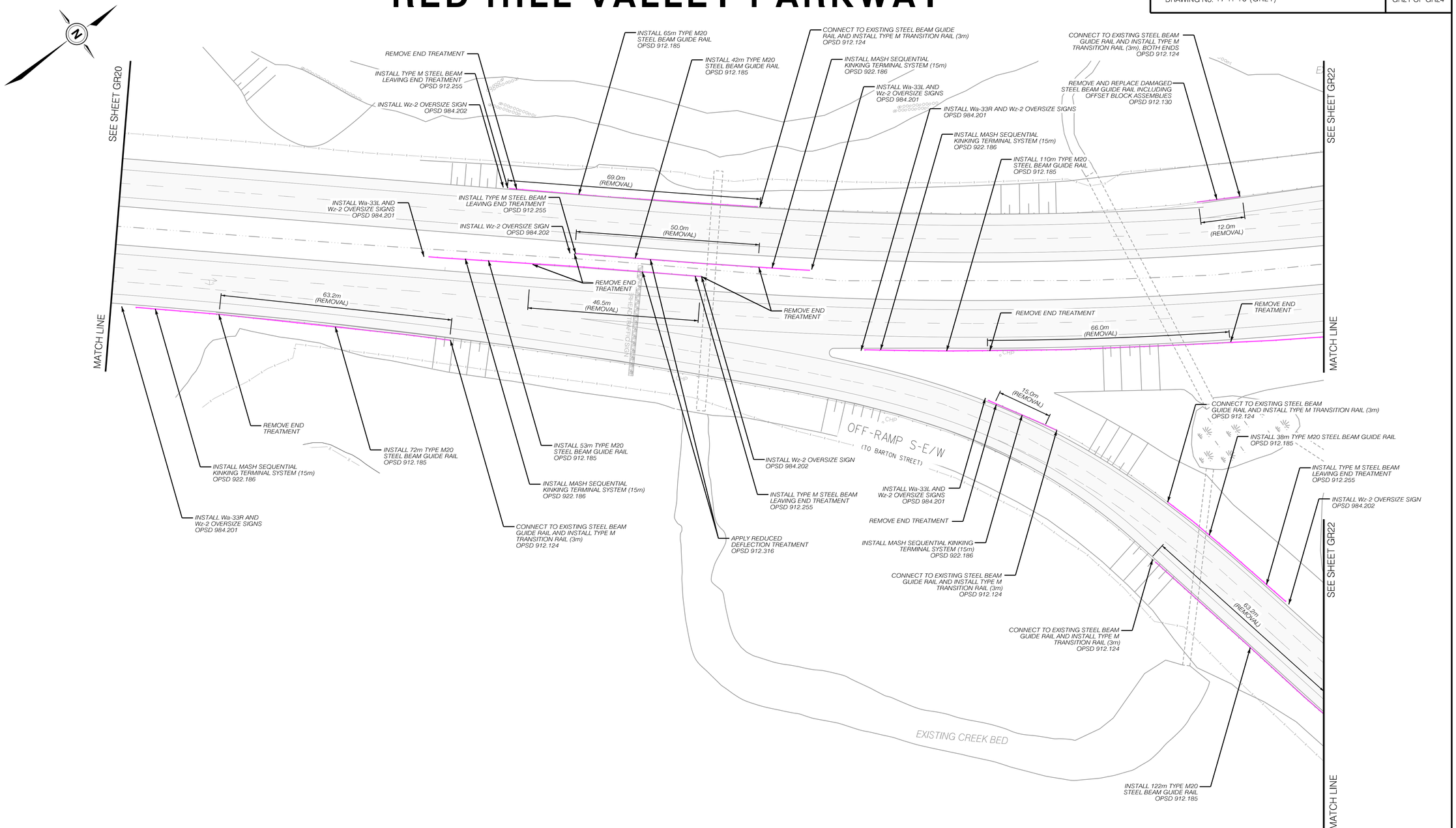
From : Pritchard Road
To : MTO QEW Limits

17-H-16 (GR20)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.	SHEET No.
DRAWING No. 17-H-16 (GR21)	GR21 OF GR24



NOTES:

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ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	16-05-17
Design By:	N.Z. T.B
Design Date:	28-01-19

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(B) information obtained in field and indicates horizontal position of subsurface utility
(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchad Road
To : MTO QEW Limits

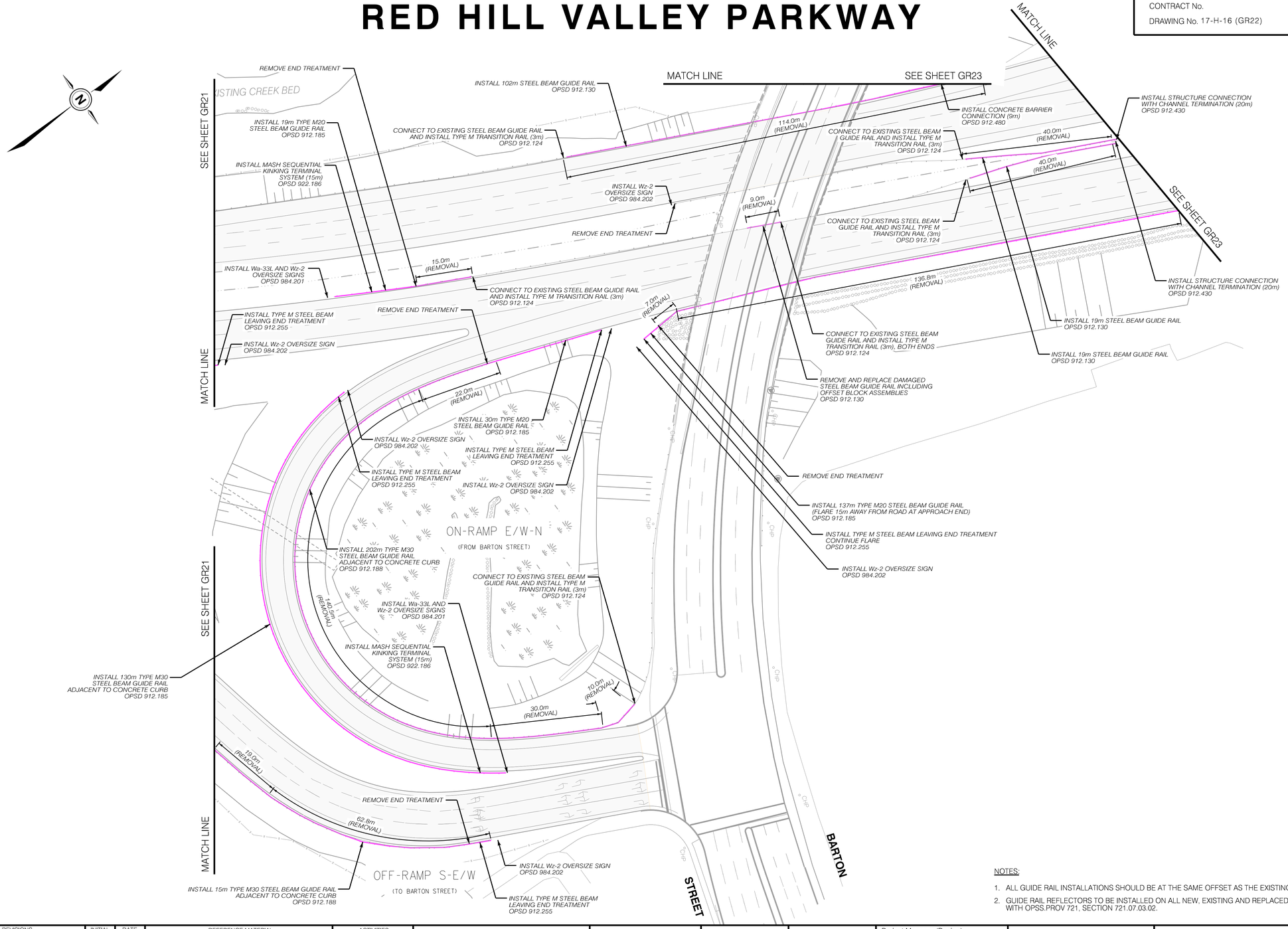
17-H-16 (GR21)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR22)

SHEET No.
GR22 OF GR24



NOTES:

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ACTIVITIES	
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Drawn Date:	16-05-17
Design By:	N.Z. T.B
Design Date:	28-01-19

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(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.

Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY

Guide Rail and End Treatments

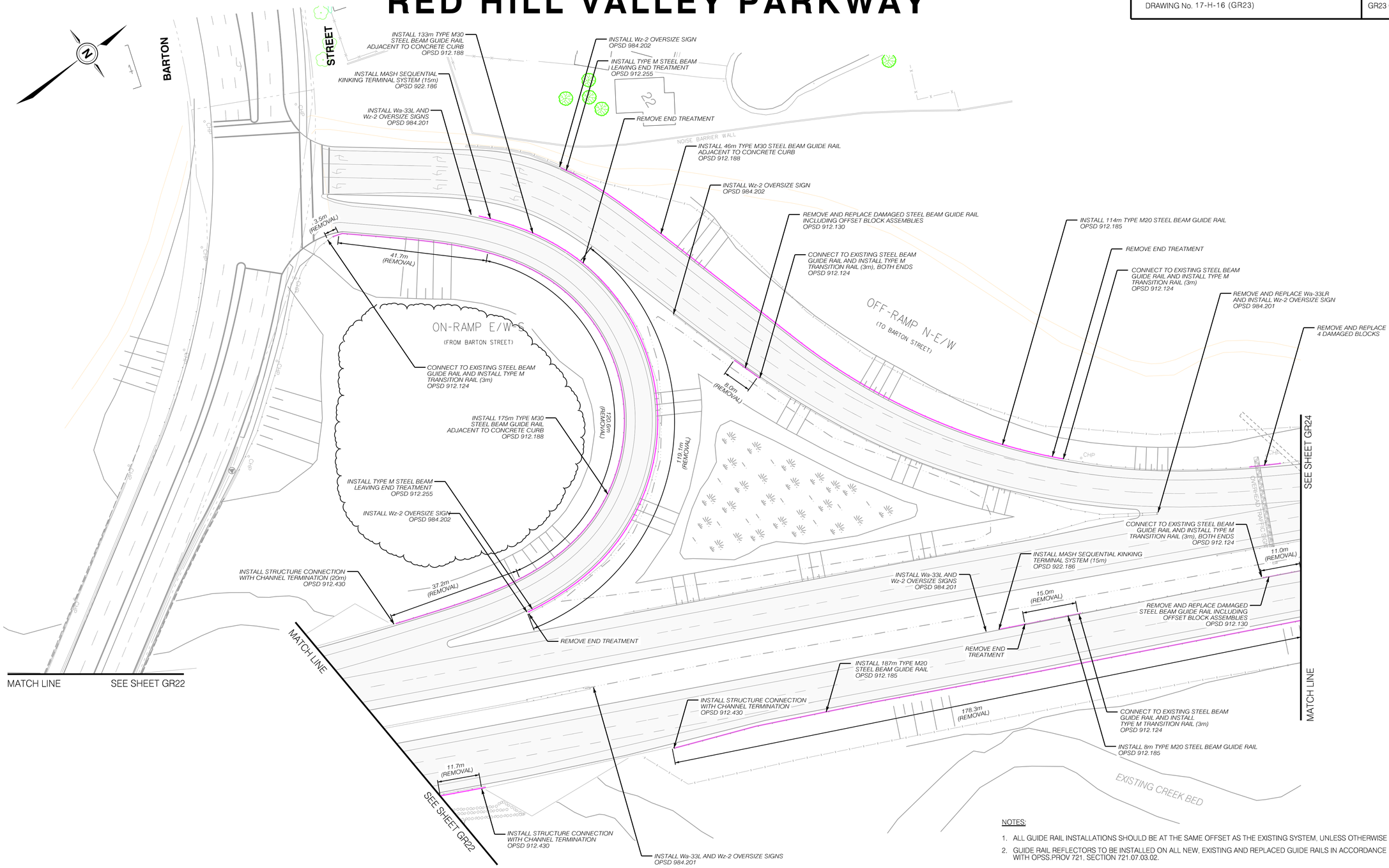
From : Pritchard Road
To : MTO QEW Limits

17-H-16 (GR22)

RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.	SHEET No.
DRAWING No. 17-H-16 (GR23)	GR23 OF GR24



NOTES:

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REFERENCE MATERIAL

Data displayed on this plan is compiled from digital mapping, aerial photography (2015), Teranet parcil plans and digitized terrain models.
Field survey work has not been completed at this time.

ACTIVITIES	
Drawn By:	O.S.
Drawn Date:	16-05-17
Design By:	N.Z, T.B
Design Date:	28-01-19

Q/C IN ACCORDANCE WITH ASCE STANDARD 38-02
All Utilities depicted are at (D) unless otherwise noted.
(D) information derived from existing records
(C) information obtained from field survey combined with (D) information
(B) information obtained in field and indicates horizontal position of subsurface utility
(A) precise horizontal and vertical location of utility obtained by exposure and measurement

SCALES
0 5m 10m 20m
HORIZONTAL 1:500

Project Manager (Design)
Sarath Vala, P.Eng.
Manager of Design
Susan Jacob, P. Eng.

Hamilton
Public Works Department

RED HILL VALLEY PARKWAY
Guide Rail and End Treatments
From : Pritchard Road
To : MTO QEW Limits

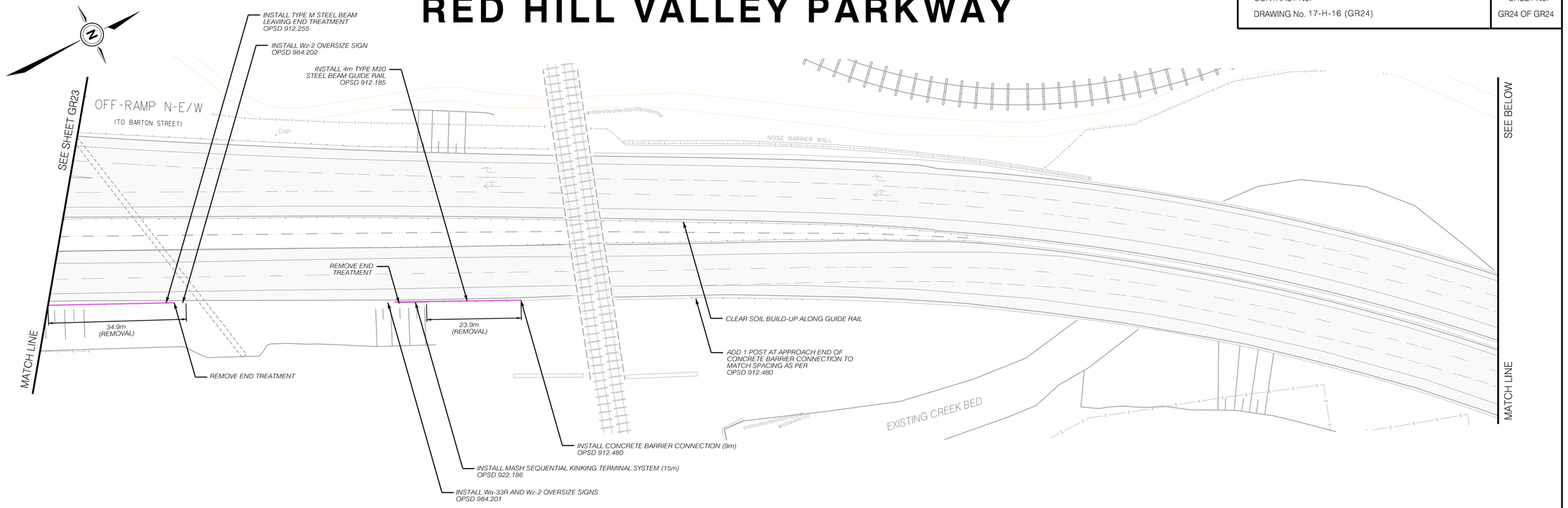
17-H-16 (GR23)

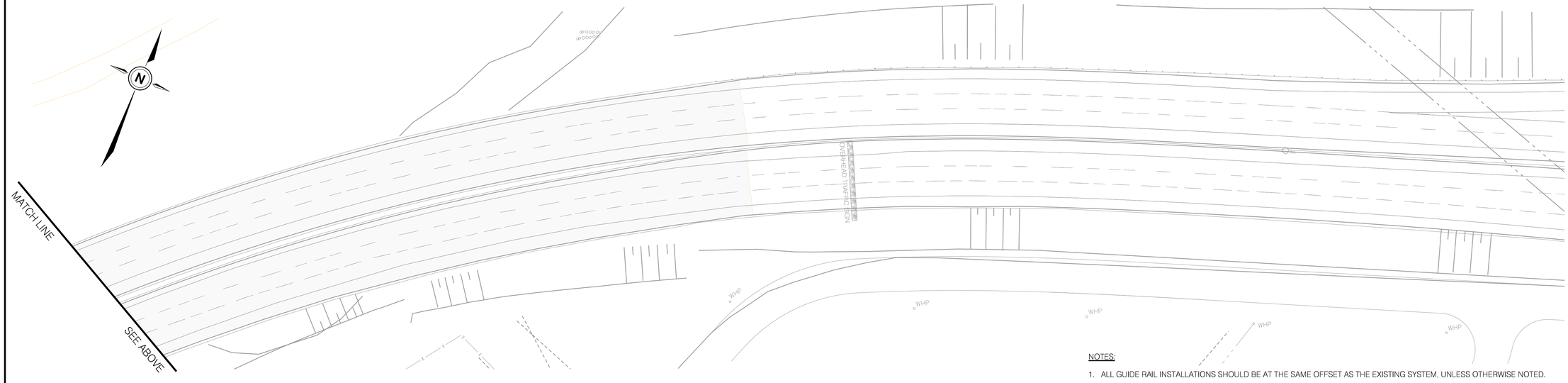
RED HILL VALLEY PARKWAY

RED HILL VALLEY PARKWAY

CONTRACT No.
DRAWING No. 17-H-16 (GR24)

SHEET No.
GR24 OF GR24





NOTES:

1. ALL GUIDE RAIL INSTALLATIONS SHOULD BE AT THE SAME OFFSET AS THE EXISTING SYSTEM, UNLESS OTHERWISE NOTED.
2. GUIDE RAIL REFLECTORS TO BE INSTALLED ON ALL NEW, EXISTING AND REPLACED GUIDE RAILS IN ACCORDANCE WITH OPSS.PROV 721, SECTION 721.07.03.02.

No.	REVISIONS	INITIAL	DATE
1	Re-issued for tender - March 21, 2019		

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SCALES
0 5m 10m 20m
HORIZONTAL 1:500

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Guide Rail and End Treatments

From : Pritchard Road
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17-H-16 (GR24)