

TWINNING TO SOUTH SIDE TO AVOID THE GATEWAY INDUSTRIAL PARK

THE TWINNING DESIGN WEST OF HIGHWAY 22 IS BEING DEVELOPED FOR ALBERTA TRANSPORTATION BY A DESIGN TEAM LED BY AECOM

WEST STUDY LIMIT

VEHICLE INSPECTION STATION IS EXPECTED TO BE RELOCATED TO HIGHWAY 22. SPECIFIC LOCATION TO BE DETERMINED

TWINNING TO NORTH SIDE IS PREFERRED TO MITIGATE IMPACTS TO THE CREEK; HOWEVER, UTILITY IMPACTS AND INTRODUCING TWO ADDITIONAL TRANSITIONS (TO THE NORTH SIDE AND BACK AGAIN) CAN NOT BE JUSTIFIED

CONSULTANT
CIM+
PROJECT NO. E00782A

LEGEND
 - COUNTY BOUNDARY
 - PROVINCIAL HIGHWAYS
 - EXISTING HIGHWAY 11 CENTRELINE
 - NEW HIGHWAY 11 CENTRELINE
 - NEW CROSS STREET CENTRELINE
 - NEW ACCESS ROAD CENTRELINE
 - ACCESS/INTERSECTION CLOSURE
 - NEW BRIDGE
 - ROUNDABOUT
 - GRADE SEPARATED INTERCHANGE
 - AT-GRADE INTERSECTION
 - RGE RD XX GRAVEL RANGE ROAD
 - RGE RD XX PAVED RANGE ROAD

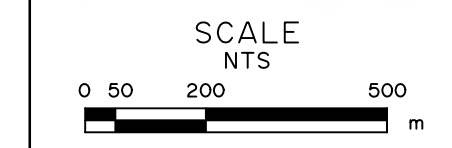
RIGHT-OF-WAY REQUIREMENTS
 - TENTATIVE TWINNING OPTION
 - ALTERNATIVE TWINNING OPTION
 - COMMON TWINNING REQUIREMENTS
 - POTENTIAL LOCATION FOR ADDITIONAL RW

UTILITIES
 - TRANSMISSION TOWER
 - TRANSMISSION LINE

LAND DEVELOPMENT
 - CEMETERY
 - SCHOOL
 - BUSINESS
 - INDUSTRY
 - ACREAGE
 - FARMSTEAD

THESE NOTES ARE KEY FACTORS TAKEN INTO CONSIDERATION IN DEVELOPING THE TWINNING CONCEPT

PRELIMINARY CONCEPT
FOR DISCUSSION PURPOSES ONLY

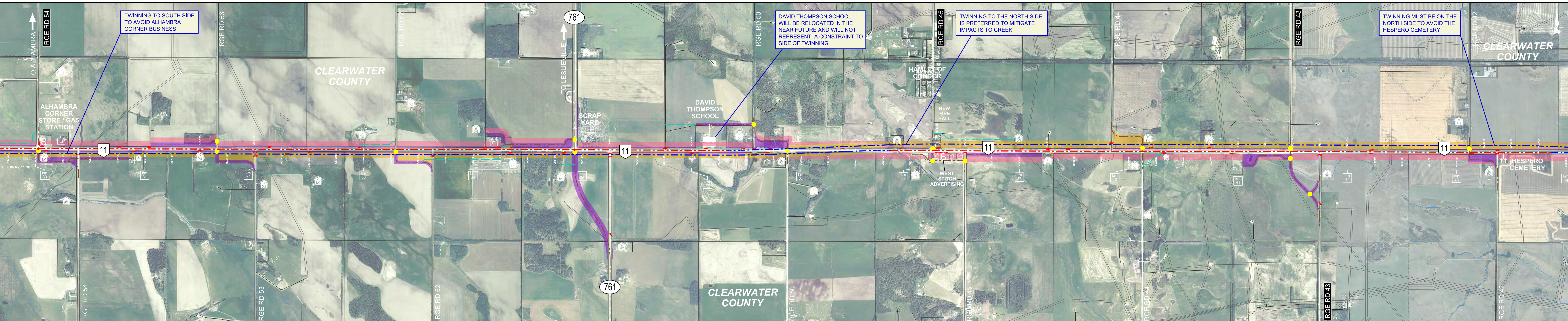


TWIN EXISTING HIGHWAY 11
 HIGHWAY 11 TWINNING (HWY 22 TO TWP RD 390)
 FUNCTIONAL PLANNING STUDY
 CLEARWATER COUNTY
 PHOTOGRAPHY DATE: JULY 2020
 LOCATION: HIGHWAY 11:10
 DATE: JUNE 10, 2022
 FIGURE: 1.6

Alberta Transportation
R-1262-PL010-OH1

MATCHLINE SEE R-1262-PL011-OH1

SEE R-1262-PL010-OH1
MATCHLINE



MATCHLINE
SEE R-1262-PL012-OH1

CONSULTANT
CIMA+
PROJECT NO. E00782A

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RGE RD XX GRAVEL RANGE ROAD
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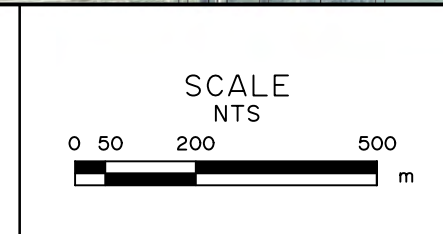
- TRANSMISSION TOWER
- TRANSMISSION LINE

LAND DEVELOPMENT

- CEMETERY
- SCHOOL
- BUSINESS
- INDUSTRY
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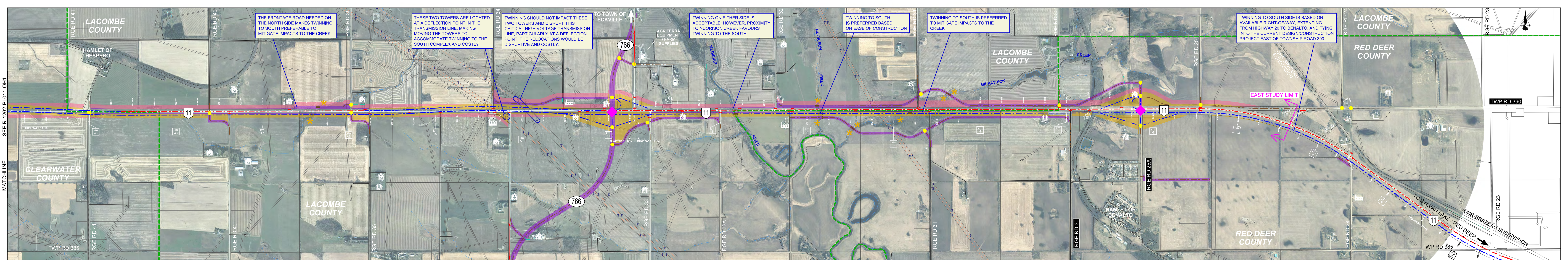


TWIN EXISTING HIGHWAY 11
HIGHWAY 11 TWINNING (HWY 22 TO TWP RD 390)
FUNCTIONAL PLANNING STUDY
CLEARWATER COUNTY

Alberta
Transportation

PHOTOGRAPHY DATE: JULY 2020
LOCATION: HIGHWAY 11:10
DATE: JUNE 10, 2022
FIGURE: 1.7
DRAWING: R-1262-PL011-OH1

SEE R-1262-PL011-OH1
MATCHLINE



THE FRONTAGE ROAD NEEDED ON THE NORTH SIDE MAKES TWINNING TO SOUTH PREFERABLE TO MITIGATE IMPACTS TO THE CREEK

THESE TWO TOWERS ARE LOCATED AT A DEFLECTION POINT IN THE TRANSMISSION LINE, MAKING MOVING THE TOWERS TO ACCOMMODATE TWINNING TO THE SOUTH COMPLEX AND COSTLY

TWINNING SHOULD NOT IMPACT THESE TWO TOWERS AND DISRUPT THIS CRITICAL HIGH VOLTAGE TRANSMISSION LINE, PARTICULARLY AT A DEFLECTION POINT. THE RELOCATIONS WOULD BE DISRUPTIVE AND COSTLY.

TWINNING ON EITHER SIDE IS ACCEPTABLE; HOWEVER, PROXIMITY TO NUORISON CREEK FAVOURS TWINNING TO THE SOUTH

TWINNING TO SOUTH IS PREFERRED BASED ON EASE OF CONSTRUCTION

TWINNING TO SOUTH IS PREFERRED TO MITIGATE IMPACTS TO THE CREEK

TWINNING TO SOUTH SIDE IS BASED ON AVAILABLE RIGHT-OF-WAY, EXTENDING FROM HIGHWAY 20 TO BENALTO, AND TYING INTO THE CURRENT DESIGN/CONSTRUCTION PROJECT EAST OF TOWNSHIP ROAD 390

THESE NOTES ARE KEY FACTORS TAKEN INTO CONSIDERATION IN DEVELOPING THE TWINNING CONCEPT

<p>CONSULTANT</p> <p>PROJECT NO. E00782A</p>	<p>LEGEND</p> <ul style="list-style-type: none"> — COUNTY BOUNDARY — PROVINCIAL HIGHWAYS — EXISTING HIGHWAY 11 CENTRELINE — NEW HIGHWAY 11 CENTRELINE — NEW CROSS STREET CENTRELINE — NEW ACCESS ROAD CENTRELINE — ACCESS/INTERSECTION CLOSURE — NEW BRIDGE ○ ROUNDABOUT ◆ GRADE SEPARATED INTERCHANGE ● AT-GRADE INTERSECTION 	<p>RIGHT-OF-WAY REQUIREMENTS</p> <ul style="list-style-type: none"> TENTATIVE TWINNING OPTION ALTERNATIVE TWINNING OPTION COMMON TWINNING REQUIREMENTS ★ POTENTIAL LOCATION FOR ADDITIONAL R/W 	<p>UTILITIES</p> <ul style="list-style-type: none"> ⊥ TRANSMISSION TOWER — TRANSMISSION LINE 	<p>LAND DEVELOPMENT</p> <ul style="list-style-type: none"> ⊥ CEMETERY ⊥ SCHOOL ⊥ BUSINESS ⊥ INDUSTRY ⊥ ACREAGE ⊥ FARMSTEAD 	<p>RGE RD XX GRAVEL RANGE ROAD</p> <p>RGE RD XX PAVED RANGE ROAD</p>	<p>SCALE</p> <p>NTS</p> <p>0 50 200 500 m</p>	<p>TWIN EXISTING HIGHWAY 11</p> <p>HIGHWAY 11 TWINNING (HWY 22 TO TWP RD 390)</p> <p>FUNCTIONAL PLANNING STUDY</p> <p>CLEARWATER, LACOMBE, AND RED DEER COUNTIES</p> <p>PHOTOGRAPHY DATE: JULY 2020 LOCATION: HIGHWAY 11:10 / 11:12 DATE: JUNE 10, 2022 FIGURE: 1.8 DRAWING: R-1262-PL012-OH1</p>	<p>PRELIMINARY CONCEPT</p> <p>FOR DISCUSSION PURPOSES ONLY</p>	<p>Alberta</p> <p>Transportation</p>
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