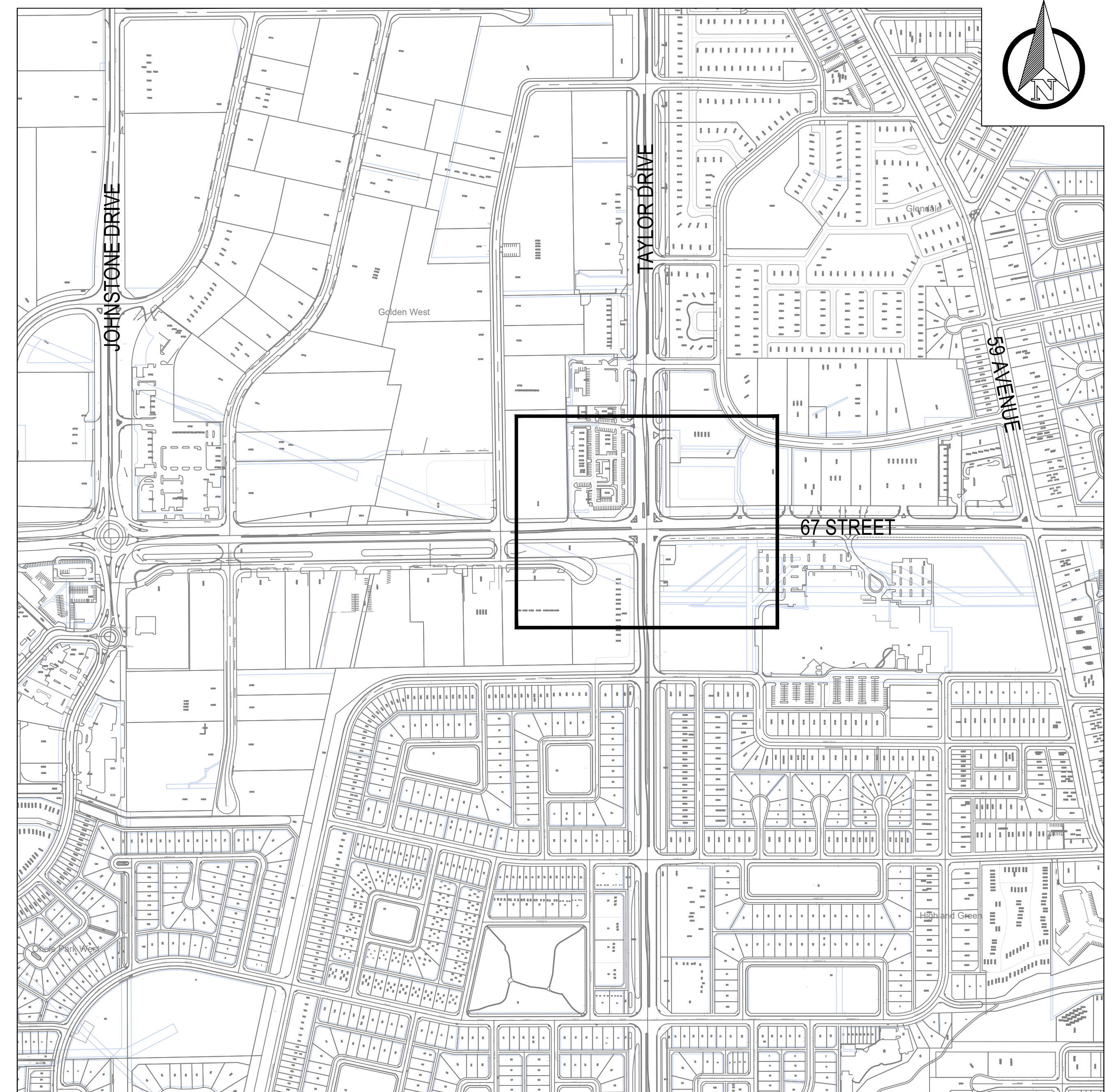




ROUNABOUT AT 67 ST AND TAYLOR DR

ISSUED FOR PRELIMINARY DESIGN
2025-12-24



LOCATION PLAN

SCALE: 1:25 000

DRAWING INDEX

DRAWING TITLE

COVER
LEGEND AND INDEX
OVERALL DETAIL PLAN - INTERIM DESIGN
OVERALL DETAIL PLAN - ULTIMATE DESIGN
PLAN AND PROFILE - 67 ST
PLAN AND PROFILE - TAYLOR DR
SIGNAGE AND PAVEMENT MARKINGS
SIGNAGE AND PAVEMENT MARKINGS
SIGNAGE AND PAVEMENT MARKINGS
OVERALL UTILITY PLAN

DRAWING NUMBER

-
LG-1
DP-1
DP-2
PP-1
PP-2
PM-1
PM-2
PM-3
UT-1

EXISTING LEGEND

 HYDRANT

 WATER VALVE

 STANDARD CATCH BASIN

 MANHOLE

 TRAFFIC SIGNAL POLE

 STREETLIGHT POLE

 POWER POLE

 POWER URD BOX

 POWER TRANSFORMER

 ABANDONED GAS LINE

 GAS LINE

 HIGH PRESSURE GAS LINE

 WATERMAIN

 STORMWATER MAIN

 SANITARY MAIN

 BURIED POWER LINE

 OVERHEAD POWER LINE

 FIBRE OPTICS

 SHAW

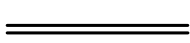
 TELUS

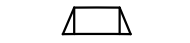
 EXISTING FACE OF CURB

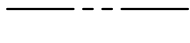
 CHAINLINK FENCE

 PROPERTY LINE

PROPOSED LEGEND

 CURB AND GUTTER

 CURB RAMP W/ 3.0m PAN

 PROPOSED PROPERTY LINE

 ROAD SIGN WITH SINGLE POLE

NOTE:

- STRUCTURAL ASPHALT OVERLAY REFERS TO THE DEPTH OF OVERLAY REQUIRED OVER THE EXISTING ASPHALT SURFACE (PRIOR TO COLD MILLING)
- REMOVE ALL LOOSE ASPHALT IN GUTTERS PRIOR TO OVERLAY.
- LANDSCAPING OF ALL BOULEVARD AREAS TO MEET PARKS AND ROADS SERVICES SPECIFICATIONS:
ALL SOD OVER 100mm TOPSOIL
ALL SEED OVER 150mm TOPSOIL
- ADJUST MANHOLES AND VALVES AS REQUIRED TO MATCH NEW PAVEMENTS.
- ALL NEW CURB & GUTTER CONSTRUCTION TO BE 150mm BARRIER CURB AND 500mm GUTTER, UNLESS OTHERWISE NOTED.
- REMOVE EXISTING CURB, GUTTER AND WALK AS REQUIRED.
- WHERE ASPHALT OVERLAY EXTENDS INTO EXISTING ACCESSES AND CURB RAMPS, ENSURE POSITIVE DRAINAGE TOWARDS ROADWAY.
- ALL TIES ARE TO LIP OF GUTTER (FOR CURB AND GUTTER CONSTRUCTION), TO CURBFACE (FOR SLAB-ON CONSTRUCTION) AND ALL LANE DIMENSIONS ARE TO CURB FACE, UNLESS OTHERWISE NOTED.
- FINAL LIMITS OF BASE REMOVAL, CURB REPLACEMENT AND GRINDING AT MATCH LOCATIONS TO BE FIELD DETERMINED.
- NEW OVERLAY TO MATCH LOP OF GUTTER AT ALL NEW CURB RAMP LOCATIONS.
- SAW-CUT AREAS OF BASE REMOVAL.
- DEPRESS ALL NOSES ON NEW CONSTRUCTION.
- REPAIR ALL CRACKS PRIOR TO OVERLAY. ALL CRACKS GREATER THAN 25mm IN WIDTH SHALL BE GROUND DOWN 50mm x 1000m WIDE. IF CRACK IS NOT CLOSED THEN GRIND DOWN TO ANOTHER 75mm x 600m WIDE THEN PREFILL AND OVERLAY.
- C.B. NOTES:
 - RELOCATE/ADJUST CATCH BASINS TO MATCH NEW ALIGNMENT/GRADES (AS REQUIRED)
 - IF NEW ASPHALT OVERLAY IS 50mm OR LESS, WARP ASPHALT TO MATCH EXISTING LIP OF GUTTER AT ALL CATCH BASINS.
 - IF NEW ASPHALT OVERLAY IS GREATER THAN 50mm, RECONSTRUCT CURB, GUTTER AND CATCH BASINS TO MATCH OVERLAY REQUIREMENT.
 - REPLACE CB FRAMES & COVERS AS REQUIRED. (TO BE DETERMINED IN FIELD)
- ALL CONSTRUCTION PROCEDURES AND MATERIALS TO MEET THE CITY OF RED DEER CONTRACT SPECIFICATIONS, MOST RECENT EDITION.
- THE CONTRACTOR IS TO COORDINATE THE EFFORTS AND SCHEDULING OF ALL UTILITY COMPANIES AND THE CITY OF RED DEER DEPARTMENTS
- THE LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES ARE TO BE CONFIRMED BY THE CONTRACTOR IN THE FIELD. ANY CONFLICTS WITH PROPOSED UTILITIES ARE TO BE REPORTED TO THE ENGINEER.
- NOT ALL SHALLOW UTILITIES ARE SHOWN.
- PROVIDE INSULATION ON ALL SHALLOW MAIN AND SERVICES.
- ALL DISTURBED ASPHALT PAVEMENT, CURB AND GUTTER, CONCRETE CROSSWALK AND SIDEWALK MUST BE RESTORED TO ORIGINAL CONDITIONS.
- ALL DISTURBED LANDSCAPING TO BE RESTORED BY THE CONTRACTOR.
- ALL DIMENSIONS ARE IN METRIC UNITS UNLESS OTHERWISE NOTED.

This drawing was created for the sole use of The City of Red Deer and shall not be used, reproduced or revised without the written permission of The City of Red Deer. The locations of all utilities are approximate and must be located prior to construction. Contractor shall review and verify all dimensions and utility conflicts prior to beginning work.

DESIGN CRITERIA REFERENCES:

- CITY OF RED DEER DESIGN GUIDELINES, 2023
- TAC GEOMETRIC DESIGN GUIDE, 2017
- ATEC DESIGN BULLETIN #68, ROUNDABOUT DESIGN GUIDELINES ON PROVINCIAL HIGHWAYS, 2016

VEHICLE CLASSES CONSIDERED:

- FIRE TRUCK
- NOVA BUS
- B-TRAIN
- WB-21
- WB-36 MODIFIED
- PLATFORM TRAILER (24 AXLE)

8			
7			
6			
5			
4			
3			
2			
1	25-12-24	GC	PRELIMINARY DESIGN
NO.	DATE	BY	SUBJECT

ISSUED / REVISION



PROJECT:

ROUNDAABOUT AT
67 ST AND TAYLOR DR

INDEX AND LEGEND

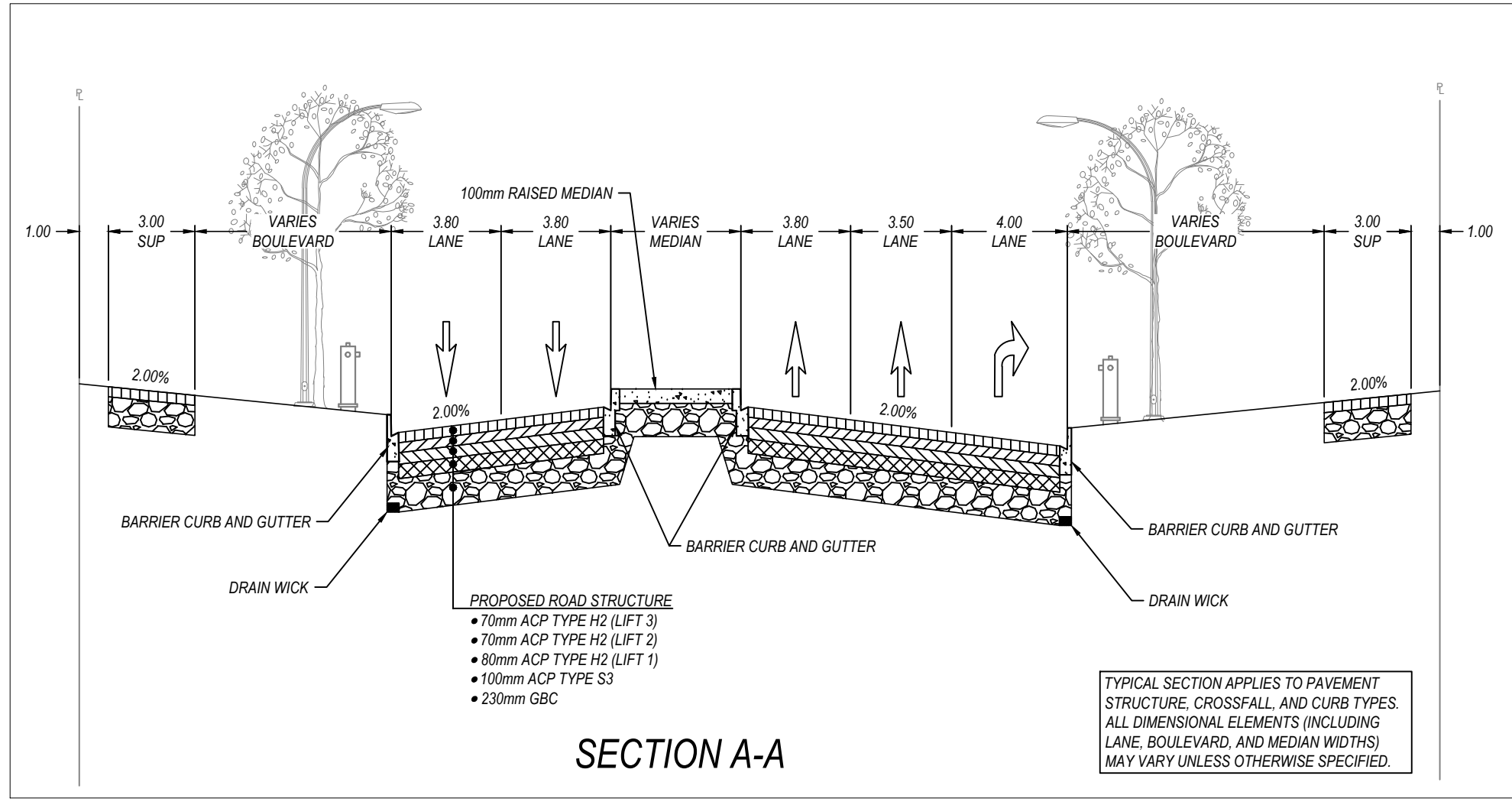
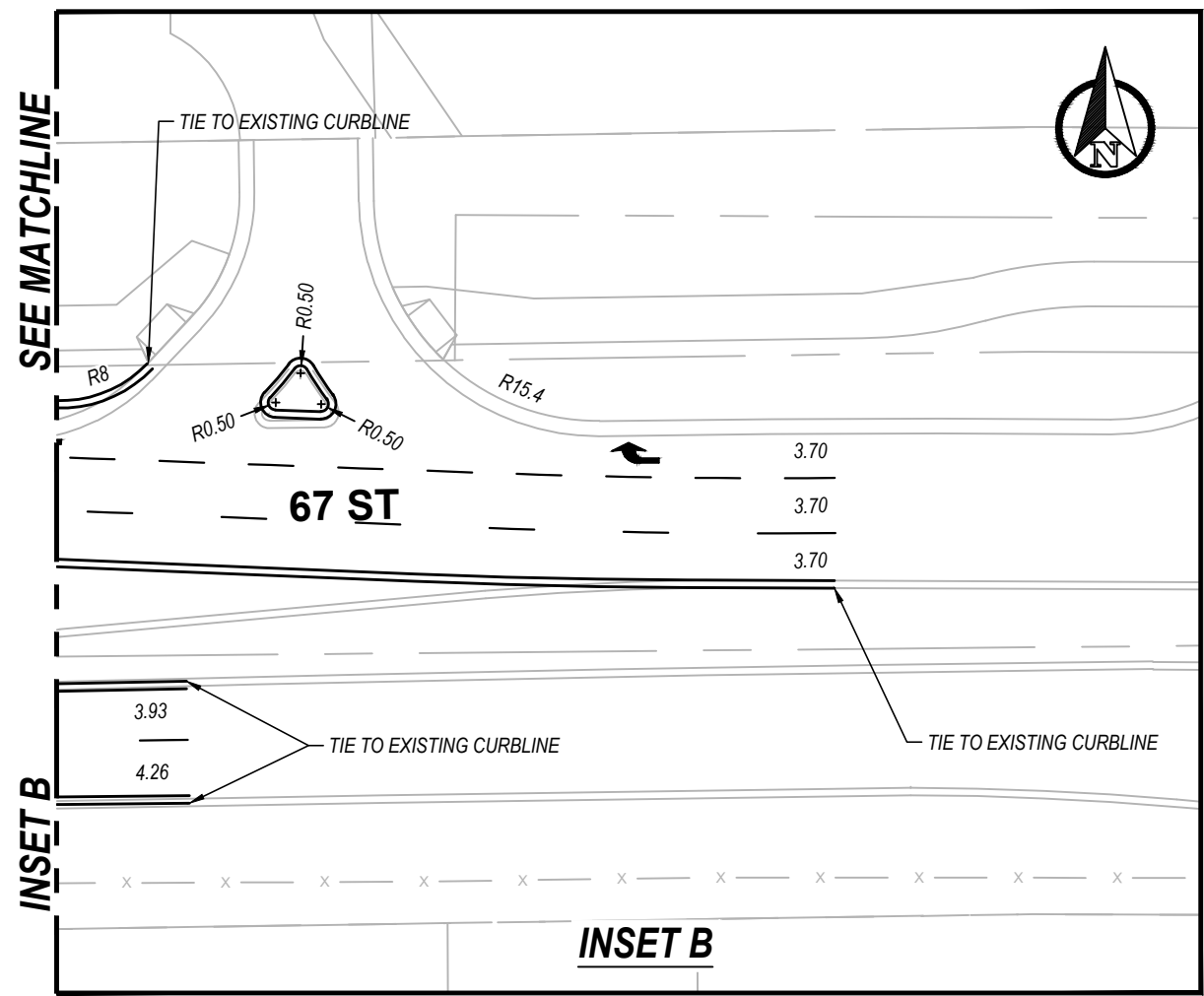
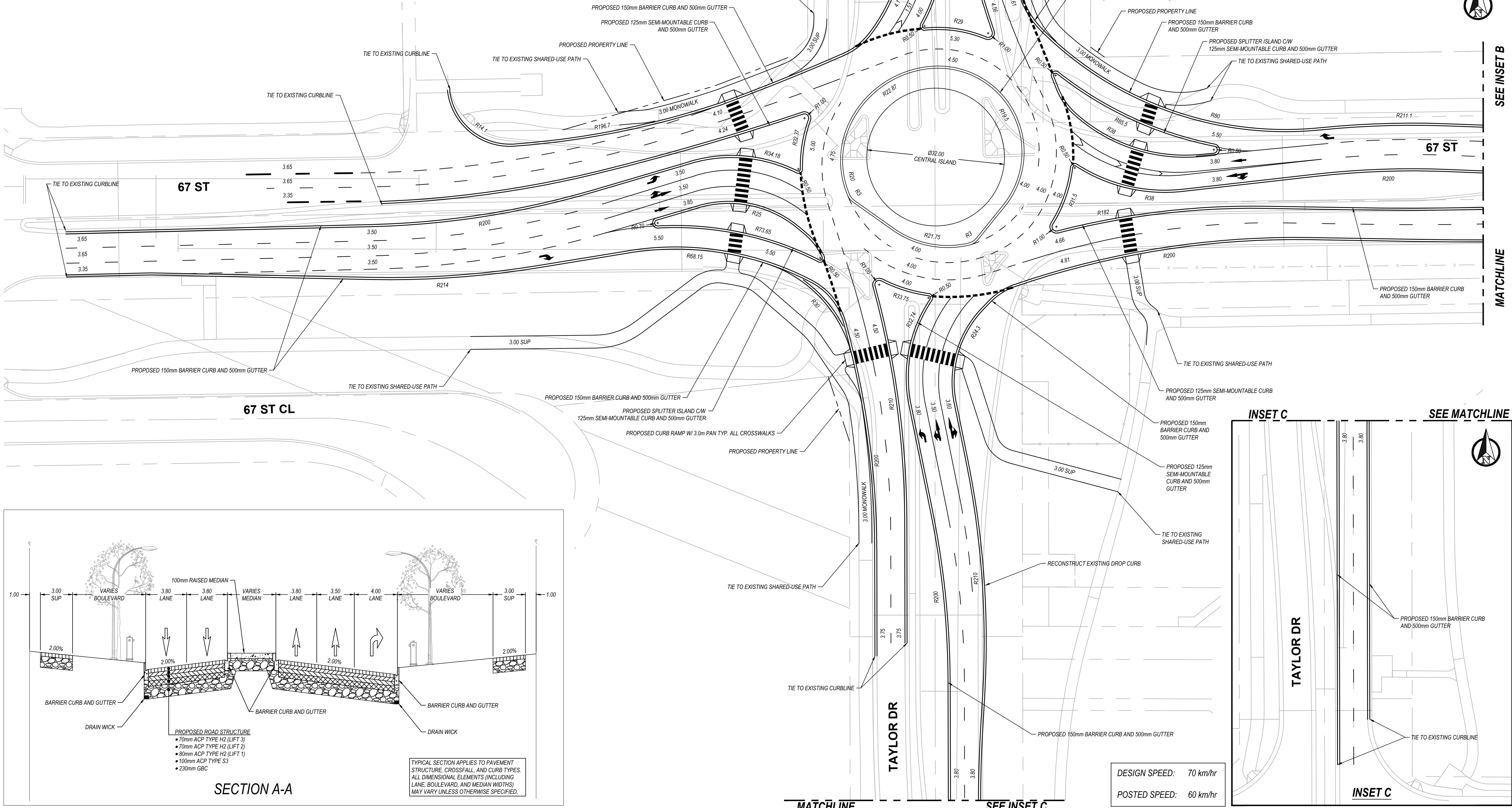
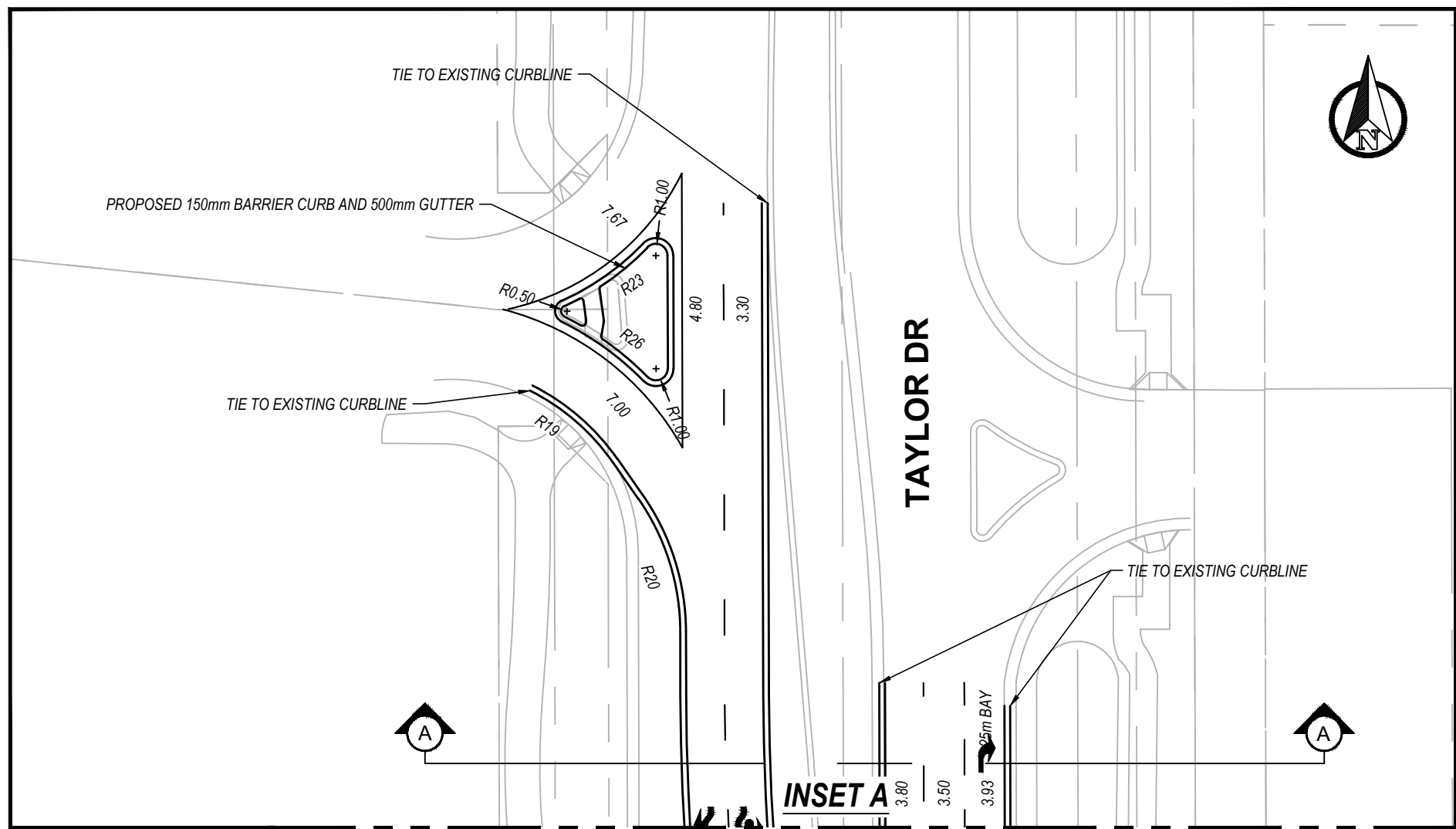
These drawings are preliminary and have been prepared for concept review and coordination purposes only. They are not intended for construction or reliance and have not been authenticated in accordance with the APEGA Authenticating Professional Work Products Standard.

DATE:	2025-12-24
DRAWN BY:	FR
DESIGNED BY:	SS
CHECKED BY:	GC
APPROVED BY:	GC

SCALE:

DFS NUMBER	REV.	DWG. NO.	SHEET
	1	LG-1	2 10

E:\Nilsen\ Dec. 24, 25 / Z:\Cima-CO1\Projects\CA0086 City Of Red Deer\2026225 - FPS_Prelim 67 St & Taylor Dr\300_Design\310_Dwg\03 Working Drawings\Cover.dwg



DESIGN SPEED: 70 km/hr
POSTED SPEED: 60 km/hr

This drawing was created for the sole use of The City of Red Deer and shall not be used, reproduced or revised without the written permission of The City of Red Deer. The locations of all utilities are approximate and must be located prior to construction. Contractor shall review and verify all dimensions and utility conflicts prior to beginning work.

DESIGN CRITERIA REFERENCES:

- CITY OF RED DEER DESIGN GUIDELINES, 2023
- TAC GEOMETRIC DESIGN GUIDE, 2017
- ATEC DESIGN BULLETIN #68, ROUNDABOUT DESIGN GUIDELINES ON PROVINCIAL HIGHWAYS, 2016

VEHICLE CLASSES CONSIDERED:

- FIRE TRUCK
- NOVA BUS
- B-TRAIN
- WB-21
- WB-36 MODIFIED
- PLATFORM TRAILER (24 AXLE)

8			
7			
6			
5			
4			
3			
2			
1	25-12-24	GC	PRELIMINARY DESIGN
NO.	DATE	BY	SUBJECT

ISSUED / REVISION



PROJECT:
ROUNDBOUT AT
67 ST AND TAYLOR DR

OVERALL DETAIL PLAN
ULTIMATE DESIGN

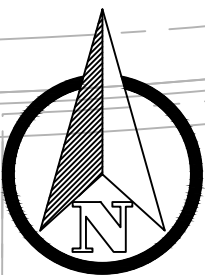
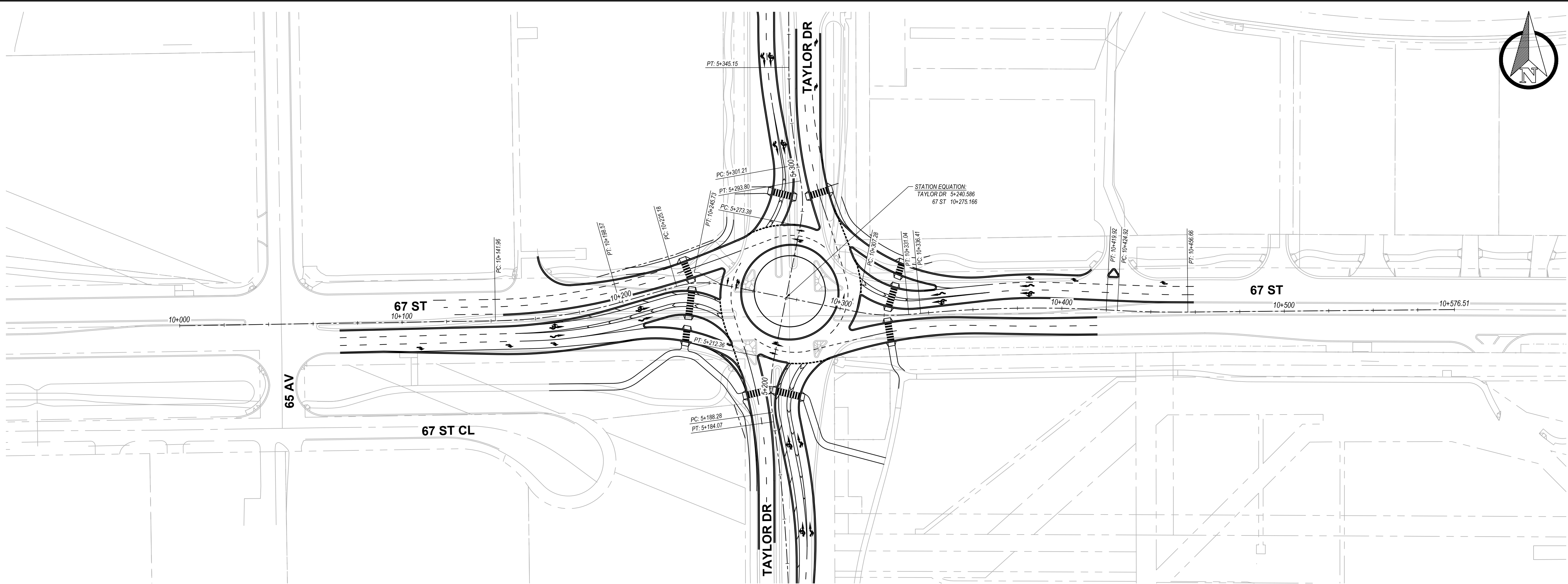
These drawings are preliminary and have been prepared for concept review and coordination purposes only. They are not intended for construction or reliance and have not been authenticated in accordance with the APEGA Authenticating Professional Work Products Standard.

DATE:	2025-12-24
DRAWN BY:	FR
DESIGNED BY:	SS
CHECKED BY:	GC
APPROVED BY:	GC

SCALE:
1:500

DFS NUMBER	REV.	DWG. NO.	SHEET
	1	DP-2	4

E:\Nilsen\ Dec. 24, 25 / Z:\Cima-CO\Projects\CA0086 City Of Red Deer\20252225 - FPS_Prelim 67 St & Taylor Dr\3003 Design\310_Dwg\03 Working Drawings\Overall.dwg



This drawing was created for the sole use of The City of Red Deer and shall not be used, reproduced or revised without the written permission of The City of Red Deer. The locations of all utilities are approximate and must be located prior to construction. Contractor shall review and verify all dimensions and utility conflicts prior to beginning work.

DESIGN CRITERIA REFERENCES:

- CITY OF RED DEER DESIGN GUIDELINES, 2023
- TAC GEOMETRIC DESIGN GUIDE, 2017
- ATEC DESIGN BULLETIN #68, ROUNDABOUT DESIGN GUIDELINES ON PROVINCIAL HIGHWAYS, 2016

VEHICLE CLASSES CONSIDERED:

- FIRE TRUCK
- NOVA BUS
- B-TRAIN
- WB-21
- WB-36 MODIFIED
- PLATFORM TRAILER (24 AXLE)

8			
7			
6			
5			
4			
3			
2			
1	25-12-24	GC	PRELIMINARY DESIGN
NO.	DATE	BY	SUBJECT

ISSUED / REVISION



PROJECT:

 ROUNDBOUT AT
 67 ST AND TAYLOR DR

 PLAN AND PROFILE
 STA. 10+000 - STA. 10+576.51
 INTERIM DESIGN

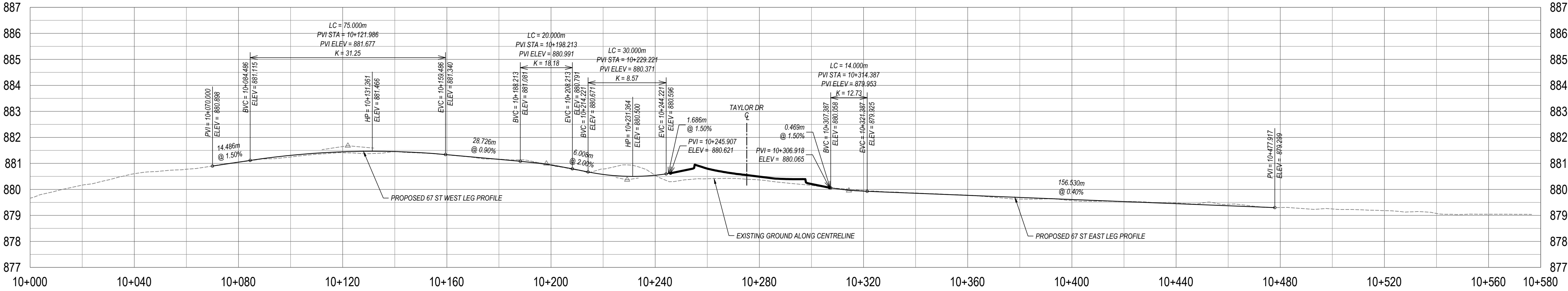
These drawings are preliminary and have been prepared for concept review and coordination purposes only. They are not intended for construction or reliance and have not been authenticated in accordance with the APEGA Authenticating Professional Work Products Standard.

DATE:	2025-12-24
DRAWN BY:	FR
DESIGNED BY:	SS
CHECKED BY:	GC
APPROVED BY:	GC

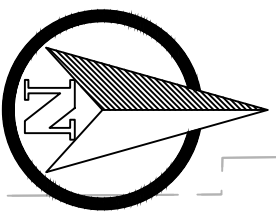
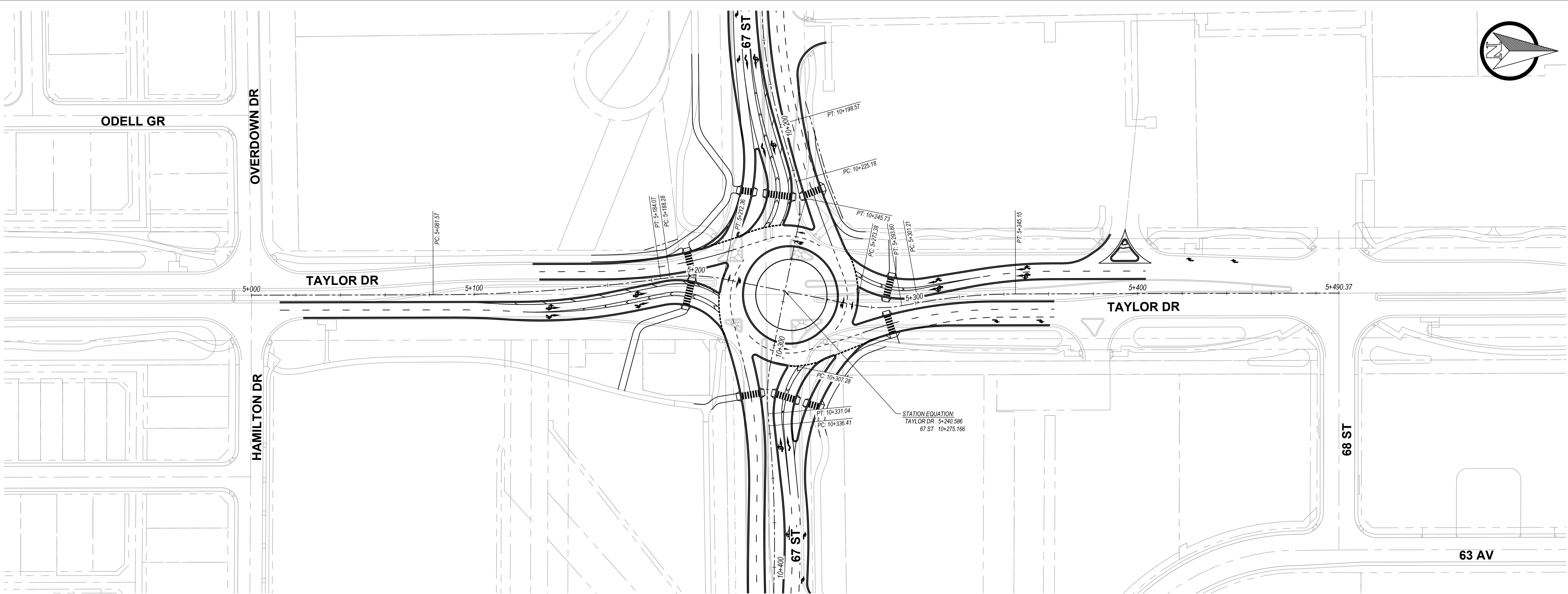
SCALE:	H 1:1000 V 1:100
--------	---------------------

DFS NUMBER	REV.	DWG. NO.	SHEET
DFS NO.	1	PP-1	5
			10

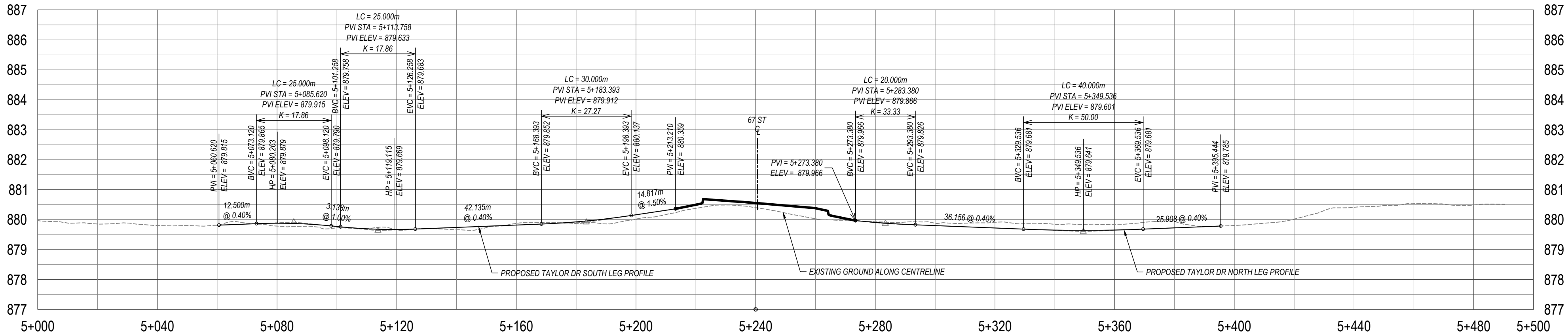
67 ST CENTRELINE PROFILE



DESIGN SPEED:	70 km/hr
POSTED SPEED:	60 km/hr



TAYLOR DR CENTRELINE PROFILE



DESIGN SPEED: 70 km/hr
POSTED SPEED: 60 km/hr

This drawing was created for the sole use of The City of Red Deer and shall not be used, reproduced or revised without the written permission of The City of Red Deer. The locations of all utilities are approximate and must be located prior to construction. Contractor shall review and verify all dimensions and utility conflicts prior to beginning work.

DESIGN CRITERIA REFERENCES:

- CITY OF RED DEER DESIGN GUIDELINES, 2023
- TAC GEOMETRIC DESIGN GUIDE, 2017
- ATEC DESIGN BULLETIN #68, ROUNDABOUT DESIGN GUIDELINES ON PROVINCIAL HIGHWAYS, 2016

VEHICLE CLASSES CONSIDERED:

- FIRE TRUCK
- NOVA BUS
- B-TRAIN
- WB-21
- WB-36 MODIFIED
- PLATFORM TRAILER (24 AXLE)

8			
7			
6			
5			
4			
3			
2			
1	25-12-24	GC	PRELIMINARY DESIGN
NO.	DATE	BY	SUBJECT

ISSUED / REVISION

THE CITY OF Red Deer
ENGINEERING SERVICES

PROJECT:

ROUNDABOUT AT
67 ST AND TAYLOR DR

PLAN AND PROFILE
STA. 5+000.00 - STA. 5+490.37
INTERIM DESIGN

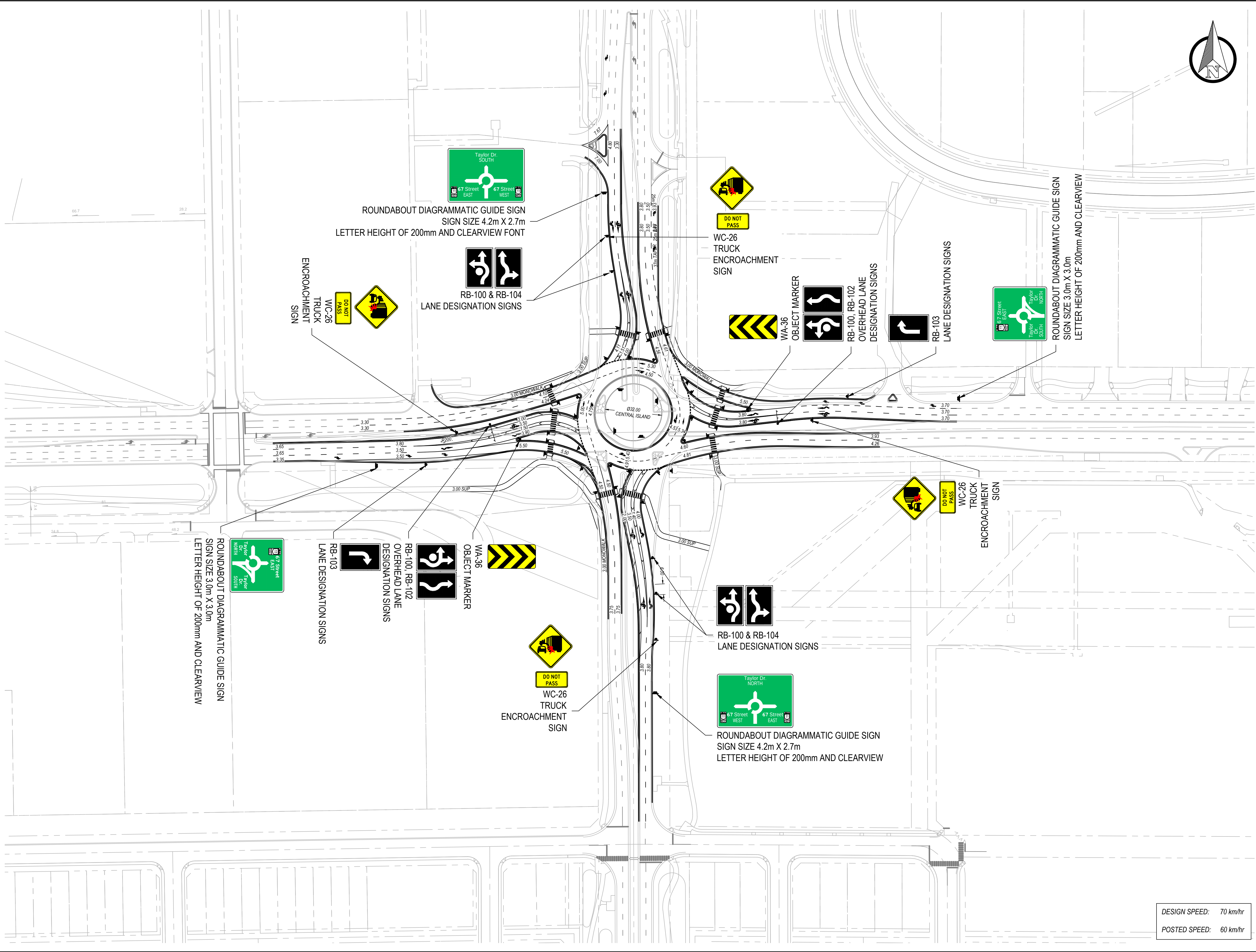
These drawings are preliminary and have been prepared for concept review and coordination purposes only. They are not intended for construction or reliance and have not been authenticated in accordance with the APEGA Authenticating Professional Work Products Standard.

DATE:	2025-12-24
DRAWN BY:	FR
DESIGNED BY:	SS
CHECKED BY:	GC
APPROVED BY:	GC

SCALE:
H 1:1000 V 1:100

DFS NUMBER	REV.	DWG. NO.	SHEET
DFS NO.	1	PP-2	6

10



This drawing was created for the sole use of The City of Red Deer and shall not be used, reproduced or revised without the written permission of The City of Red Deer. The locations of all utilities are approximate and must be located prior to construction. Contractor shall review and verify all dimensions and utility conflicts prior to beginning work.

DESIGN CRITERIA REFERENCES:

- CITY OF RED DEER DESIGN GUIDELINES, 2023
- TAC GEOMETRIC DESIGN GUIDE, 2017
- ATEC DESIGN BULLETIN #68, ROUNDABOUT DESIGN GUIDELINES ON PROVINCIAL HIGHWAYS, 2016

VEHICLE CLASSES CONSIDERED:

- FIRE TRUCK
- NOVA BUS
- B-TRAIN
- WB-21
- WB-36 MODIFIED
- PLATFORM TRAILER (24 AXLE)

8			
7			
6			
5			
4			
3			
2			
1	25-12-24	GC	PRELIMINARY DESIGN
NO.	DATE	BY	SUBJECT
ISSUED / REVISION			

THE CITY OF
Red Deer
ENGINEERING SERVICES

PROJECT:

ROUNDABOUT AT
67 ST AND TAYLOR DR

SIGNAGE AND
PAVEMENT MARKING PLAN
INTERIM DESIGN

These drawings are preliminary and have been prepared for concept review and coordination purposes only. They are not intended for construction or reliance and have not been authenticated in accordance with the APEGA Authenticating Professional Work Products Standard.

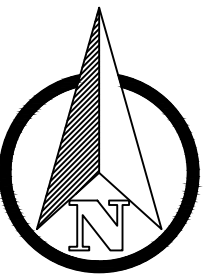
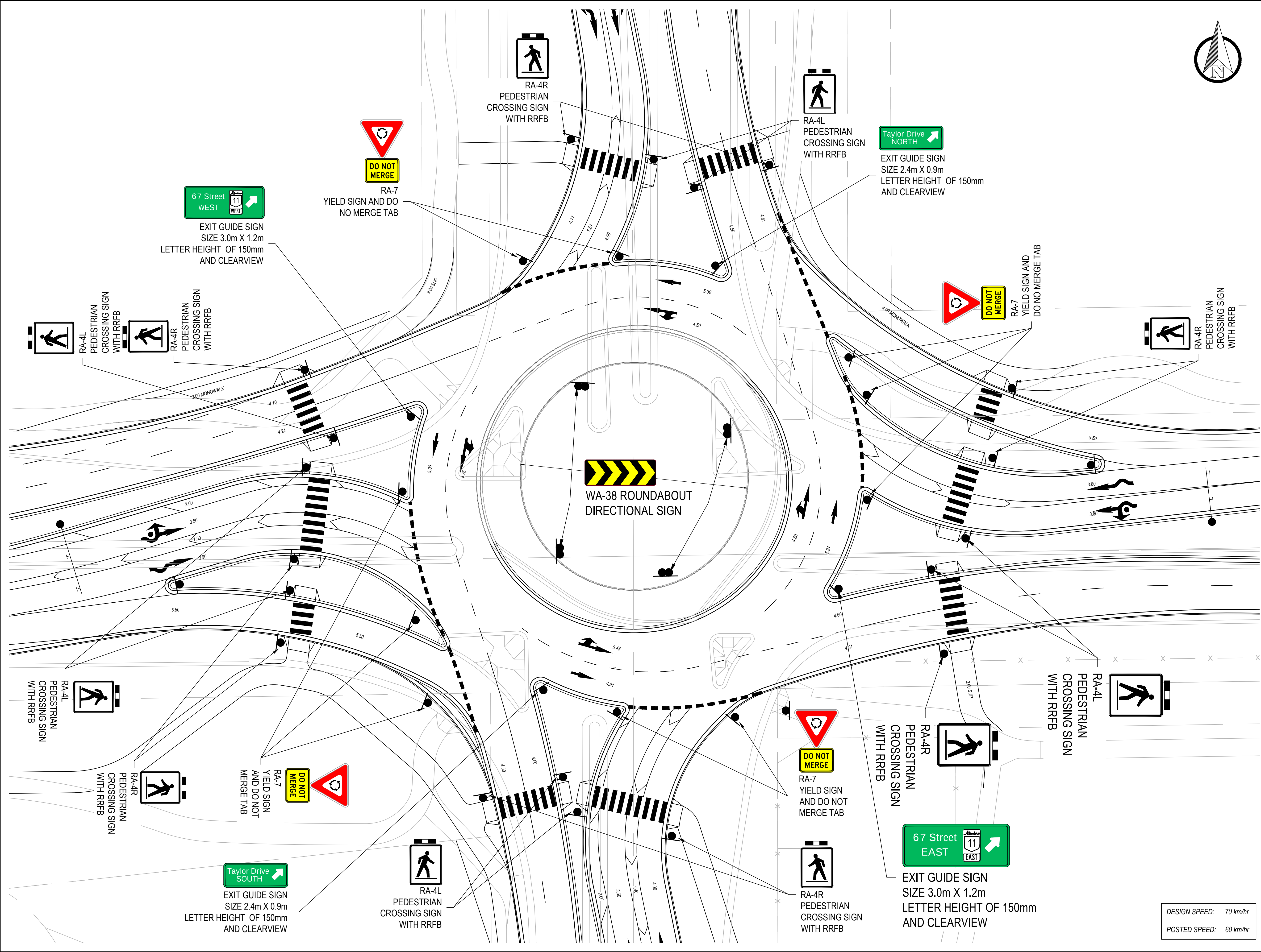
DATE:	2025-12-24
DRAWN BY:	FR
DESIGNED BY:	SS
CHECKED BY:	GC
APPROVED BY:	GC

SCALE:

1:1000

DFS NUMBER	REV.	DWG. NO.	SHEET
	1	PM-1	7
			10

DESIGN SPEED: 70 km/hr
POSTED SPEED: 60 km/hr



This drawing was created for the sole use of The City of Red Deer and shall not be used, reproduced or revised without the written permission of The City of Red Deer. The locations of all utilities are approximate and must be located prior to construction. Contractor shall review and verify all dimensions and utility conflicts prior to beginning work.

DESIGN CRITERIA REFERENCES:

- CITY OF RED DEER DESIGN GUIDELINES, 2023
- TAC GEOMETRIC DESIGN GUIDE, 2017
- ATEC DESIGN BULLETIN #68, ROUNDABOUT DESIGN GUIDELINES ON PROVINCIAL HIGHWAYS, 2016

VEHICLE CLASSES CONSIDERED:

- FIRE TRUCK
- NOVA BUS
- B-TRAIN
- WB-21
- WB-36 MODIFIED
- PLATFORM TRAILER (24 AXLE)

8			
7			
6			
5			
4			
3			
2			
1	25-12-24	GC	PRELIMINARY DESIGN
NO.	DATE	BY	SUBJECT

ISSUED / REVISION

THE CITY OF
Red Deer
ENGINEERING SERVICES

PROJECT:

ROUNDAABOUT AT
67 ST AND TAYLOR DR

SIGNAGE AND
PAVEMENT MARKING PLAN
INTERIM DESIGN

These drawings are preliminary and have been prepared for concept review and coordination purposes only. They are not intended for construction or reliance and have not been authenticated in accordance with the APEGA Authenticating Professional Work Products Standard.

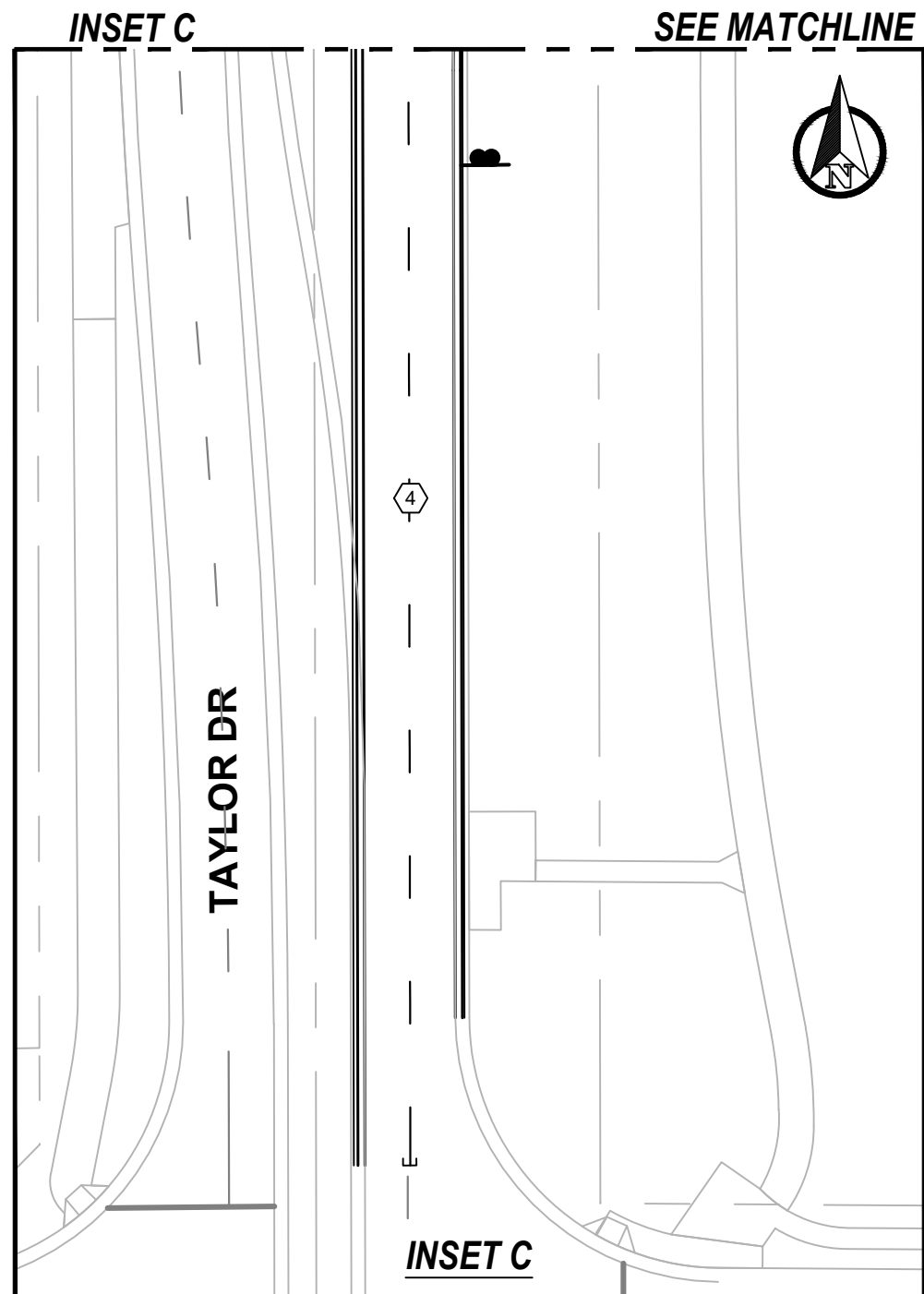
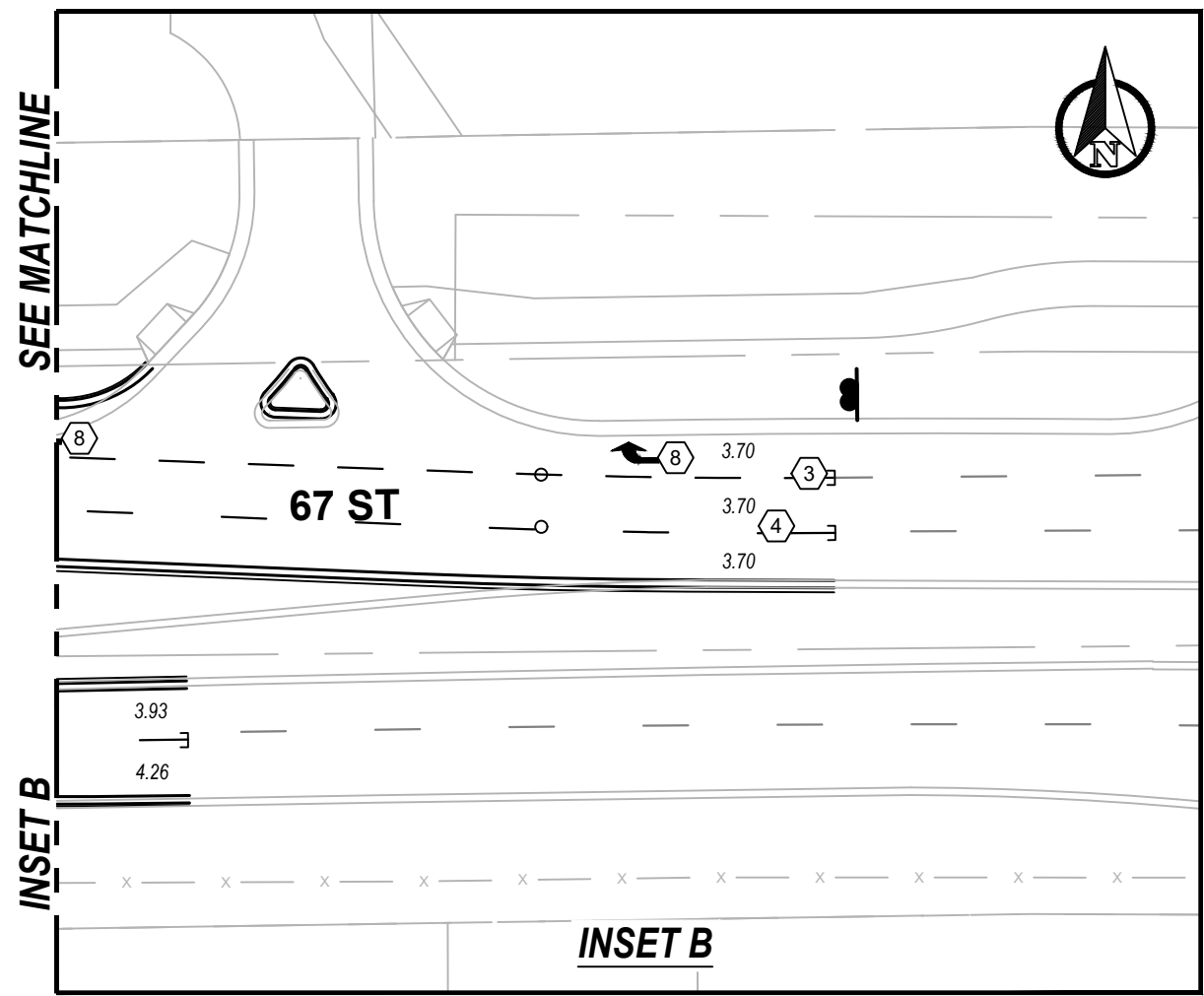
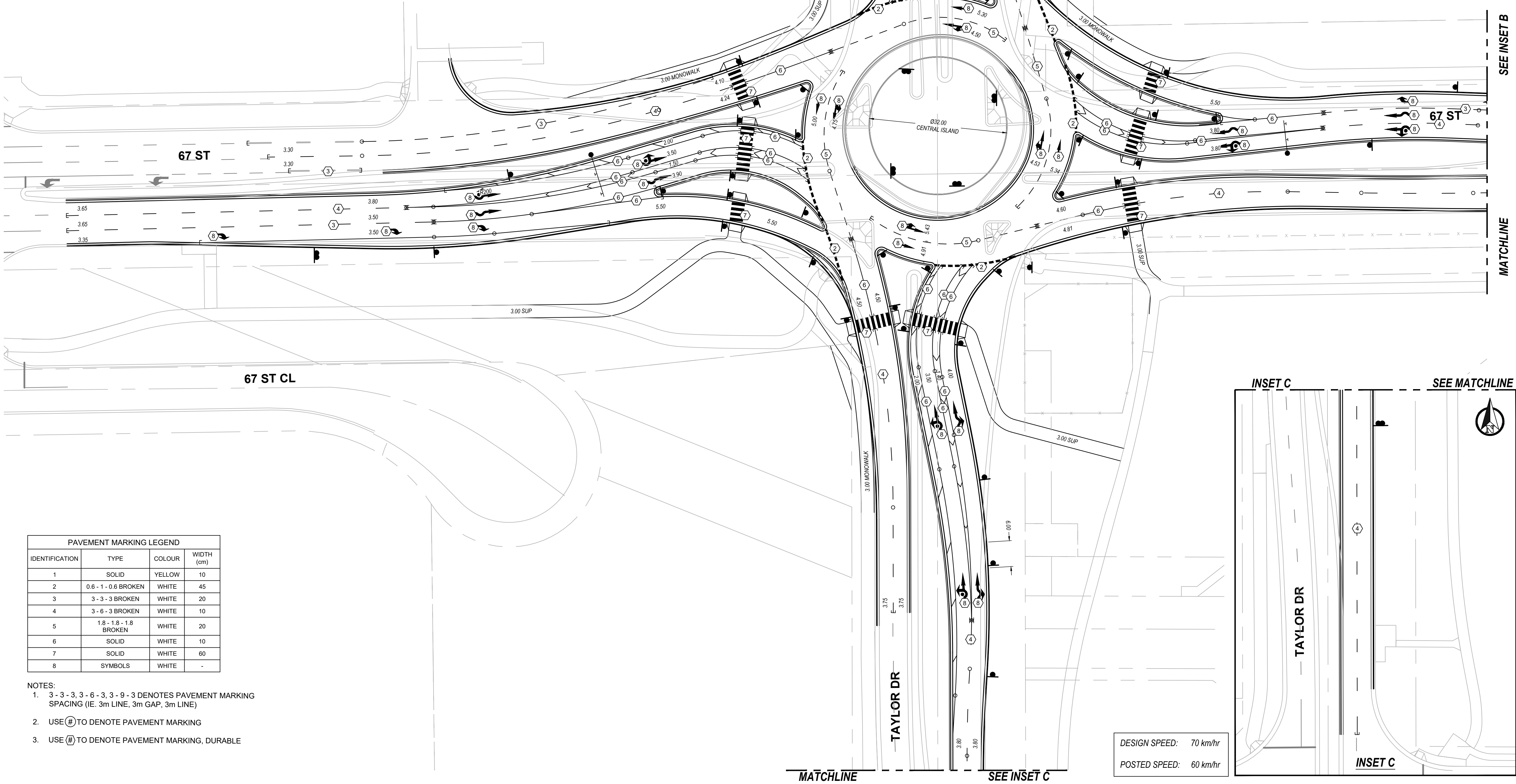
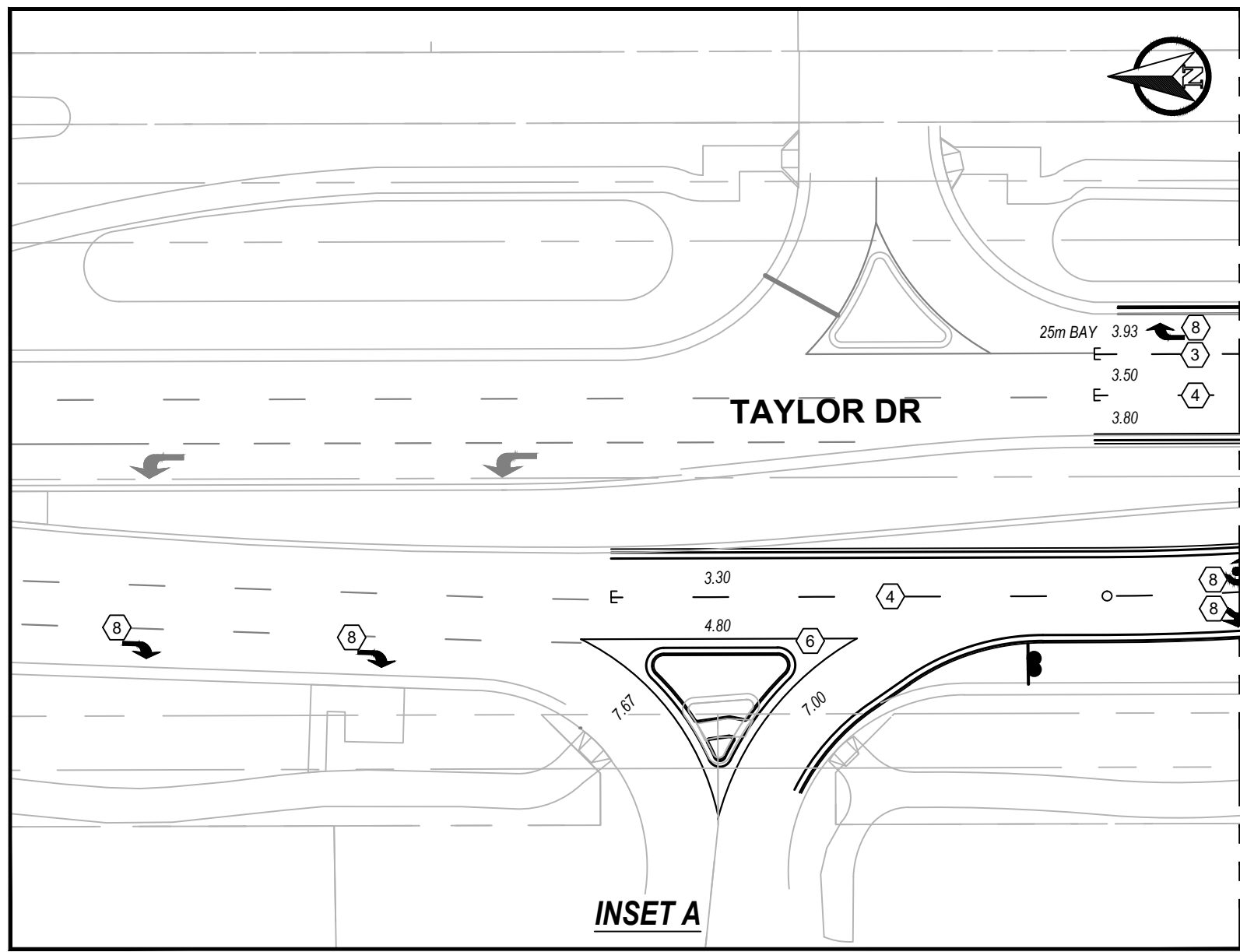
DATE:	2025-12-24
DRAWN BY:	FR
DESIGNED BY:	SS
CHECKED BY:	GC
APPROVED BY:	GC

SCALE:
1:250

DFS NUMBER	REV.	DWG. NO.	SHEET
	1	PM-2	8

DESIGN SPEED: 70 km/hr
POSTED SPEED: 60 km/hr

E:\Nilsen\ Dec. 24, 25 / Z:\Cima-CO1\Projects\CA0086 City Of Red Deer\2025-12-25 - FPS_Prelim 67 St & Taylor Dr\3003 Working Drawings\Signage And Pavement Markings.dwg



PAVEMENT MARKING LEGEND			
IDENTIFICATION	TYPE	COLOUR	WIDTH (cm)
1	SOLID	YELLOW	10
2	0.6 - 1 - 0.6 BROKEN	WHITE	45
3	3 - 3 - 3 BROKEN	WHITE	20
4	3 - 6 - 3 BROKEN	WHITE	10
5	1.8 - 1.8 - 1.8 BROKEN	WHITE	20
6	SOLID	WHITE	10
7	SOLID	WHITE	60
8	SYMBOLS	WHITE	-

- NOTES:
- 3 - 3 - 3, 3 - 6 - 3, 3 - 9 - 3 DENOTES PAVEMENT MARKING SPACING (IE. 3m LINE, 3m GAP, 3m LINE)
 - USE (#) TO DENOTE PAVEMENT MARKING
 - USE (#) TO DENOTE PAVEMENT MARKING, DURABLE

DESIGN SPEED: 70 km/hr
POSTED SPEED: 60 km/hr

This drawing was created for the sole use of The City of Red Deer and shall not be used, reproduced or revised without the written permission of The City of Red Deer. The locations of all utilities are approximate and must be located prior to construction. Contractor shall review and verify all dimensions and utility conflicts prior to beginning work.

DESIGN CRITERIA REFERENCES:

- CITY OF RED DEER DESIGN GUIDELINES, 2023
- TAC GEOMETRIC DESIGN GUIDE, 2017
- ATEC DESIGN BULLETIN #68, ROUNDABOUT DESIGN GUIDELINES ON PROVINCIAL HIGHWAYS, 2016

VEHICLE CLASSES CONSIDERED:

- FIRE TRUCK
- NOVA BUS
- B-TRAIN
- WB-21
- WB-36 MODIFIED
- PLATFORM TRAILER (24 AXLE)

8			
7			
6			
5			
4			
3			
2			
1	25-12-24	GC	PRELIMINARY DESIGN
NO.	DATE	BY	SUBJECT

ISSUED / REVISION



PROJECT:
ROUNDBOUT AT
67 ST AND TAYLOR DR

SIGNAGE AND
PAVEMENT MARKING PLAN
INTERIM DESIGN

These drawings are preliminary and have been prepared for concept review and coordination purposes only. They are not intended for construction or reliance and have not been authenticated in accordance with the APEGA Authenticating Professional Work Products Standard.

DATE:	2025-12-24
DRAWN BY:	FR
DESIGNED BY:	SS
CHECKED BY:	GC
APPROVED BY:	GC

SCALE:
1:500

DFS NUMBER	REV.	DWG. NO.	SHEET
	1	PM-3	9
			10

