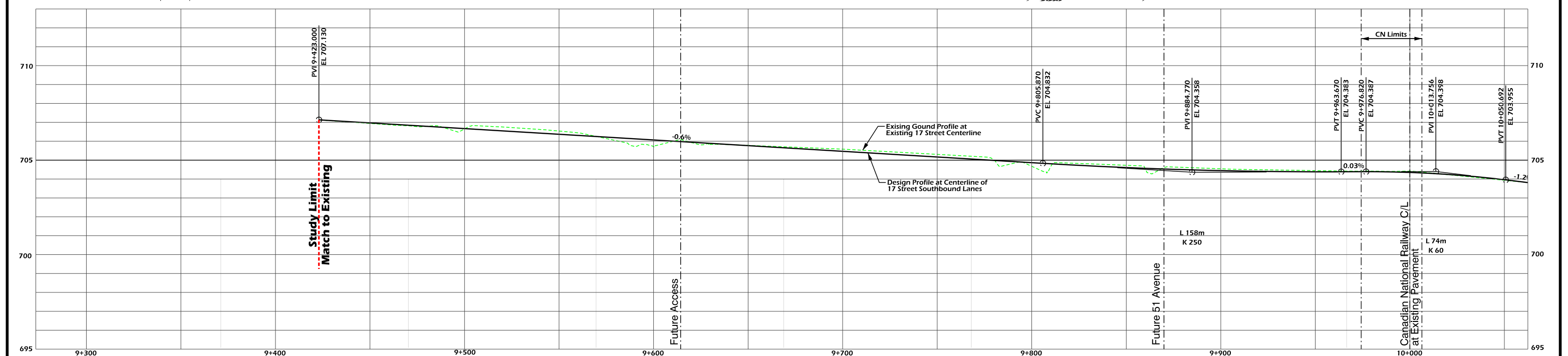
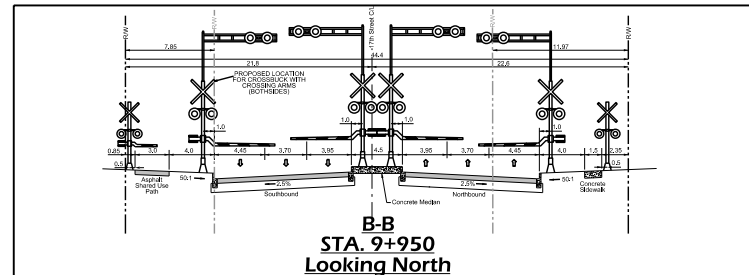
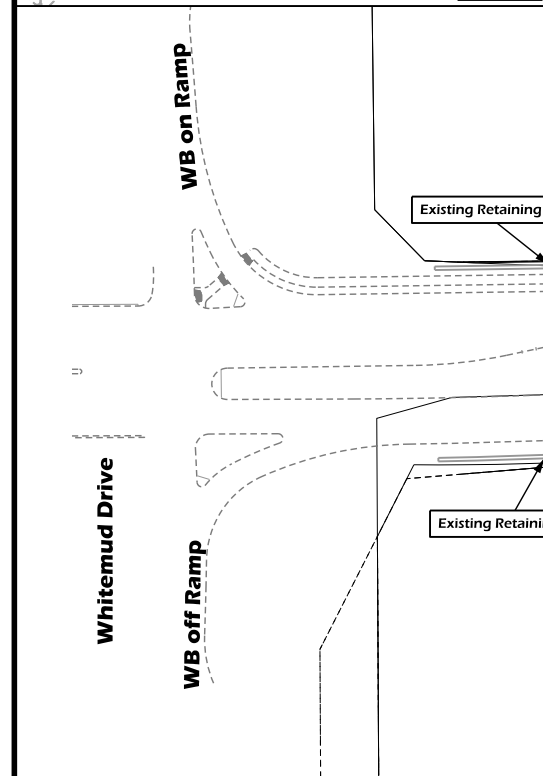
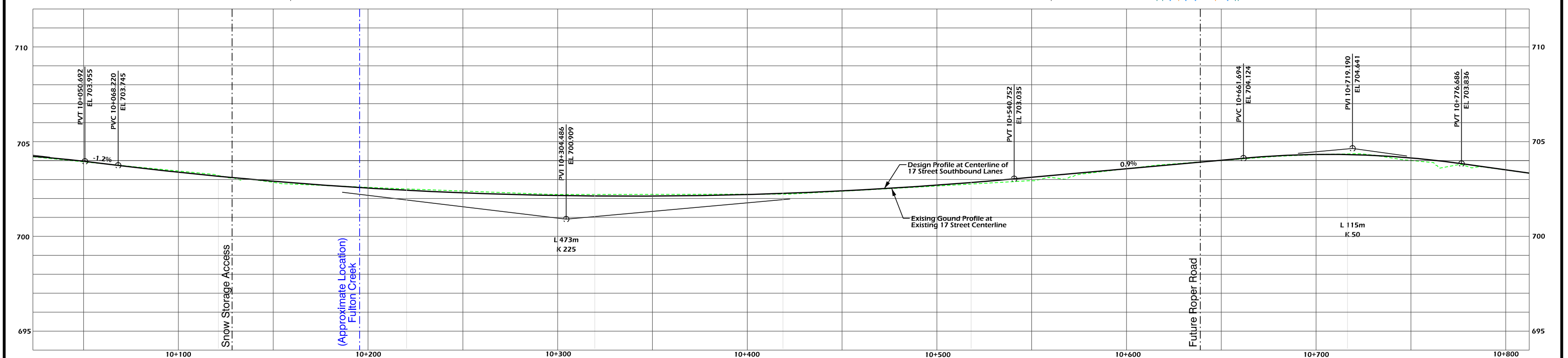
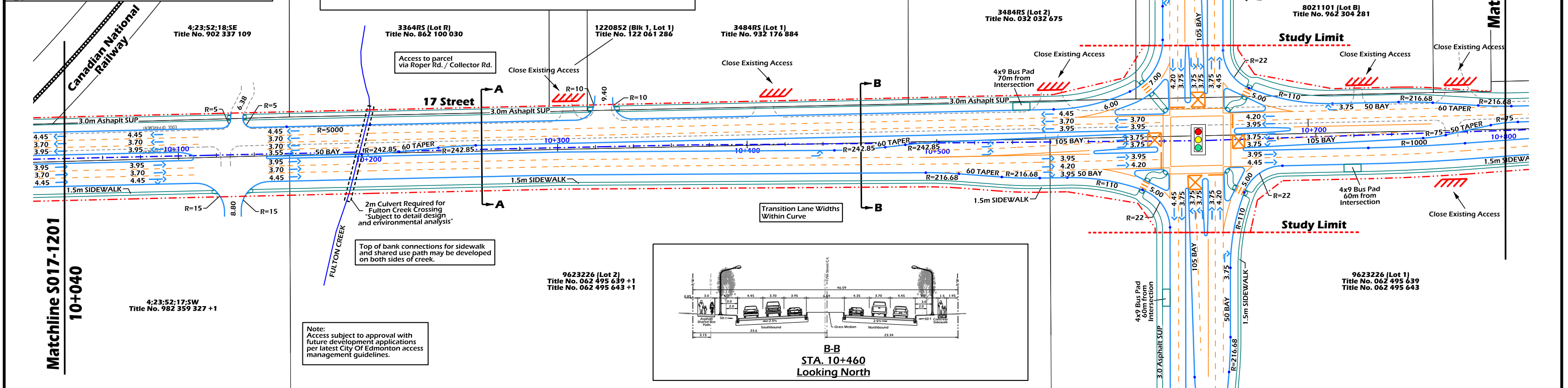
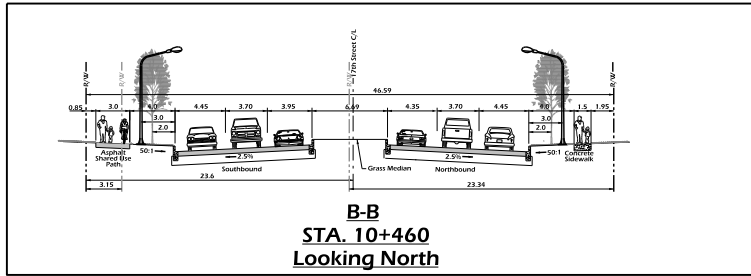
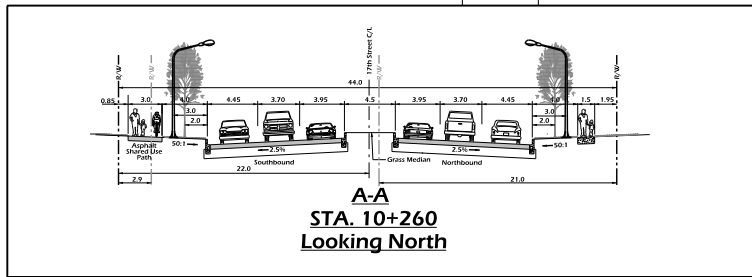
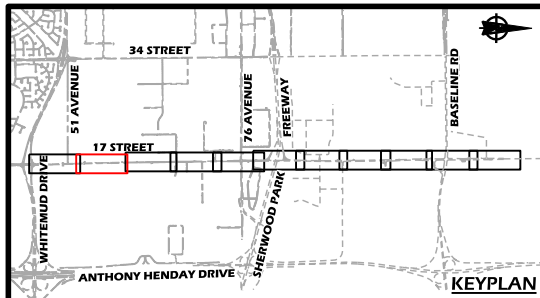


APPENDIX A

Concept Plans







LEGEND

- Proposed Right of Way
- Proposed Face of Curb
- Proposed Pavement Markings
- Railway
- Gas Pipeline
- 4x9 Bus Stop Pad
- Railroad Crossing Signals
- Guide Arrows Only
- Access Closure

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note:
Road dimensions for the City of
Edmonton are to the Face of Curb

Originals Signed
Brian Latte 5/24/2013
Manager, Transportation Planning Branch
Jason Meliefste 5/15/2013
Director, Facility & Capital Planning
Jody Hancock 5/22/2013
Director, Development Planning & Engineering

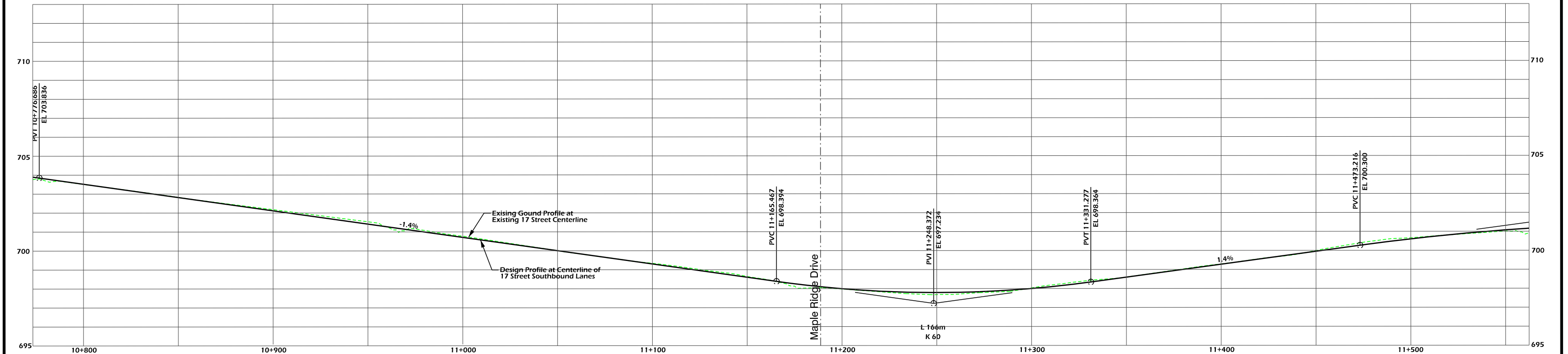
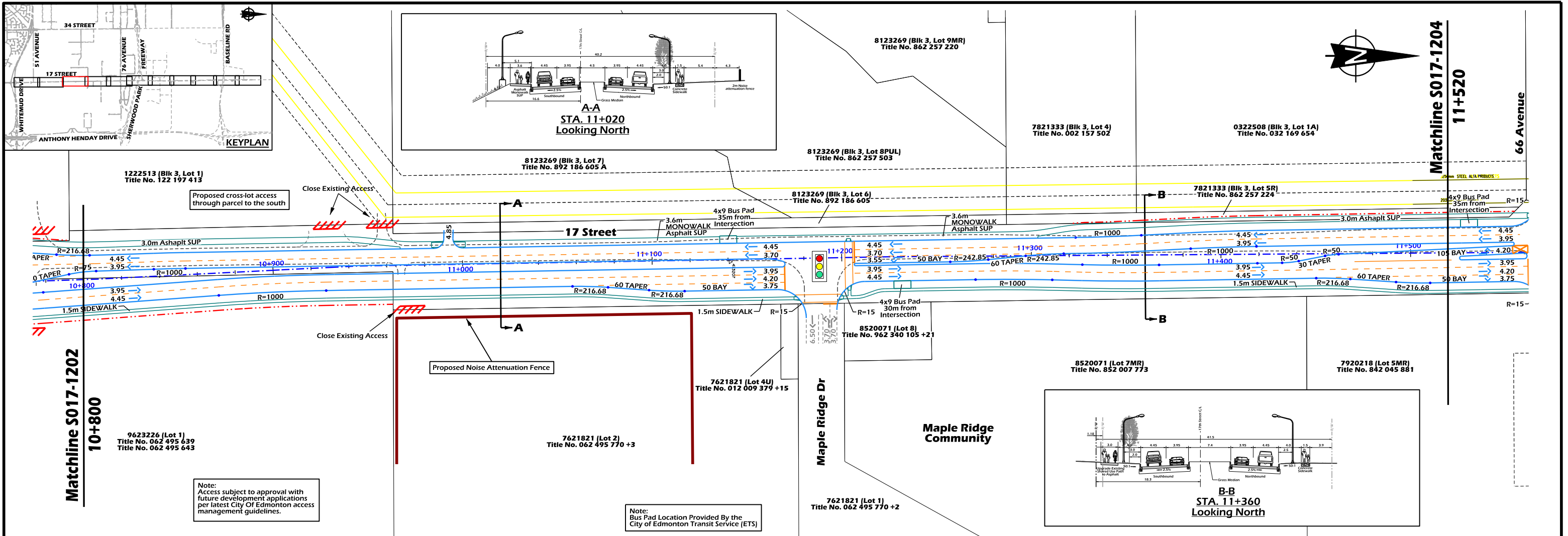
CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

20m 0 40m
Hor. 2m 0 4m
Ver.

DRAWN: TD
REVIEWED:
DATE: 2013 04 09

PLAN NO.
S017-1202



LEGEND

- Proposed Right of Way
- Proposed Face of Curb
- Proposed Pavement Markings
- Railway
- Gas Pipeline
- 4x9 Bus Stop Pad
- Railroad Crossing Signals
- Guide Arrows Only
- Access Closure

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note:
Road dimensions for the City of
Edmonton are to the Face of Curb

Originals Signed
Brian Latte 5/24/2013
Manager, Transportation Planning Branch
Jason Meliefste 5/15/2013
Director, Facility & Capital Planning
Jody Hancock 5/22/2013
Director, Development Planning & Engineering

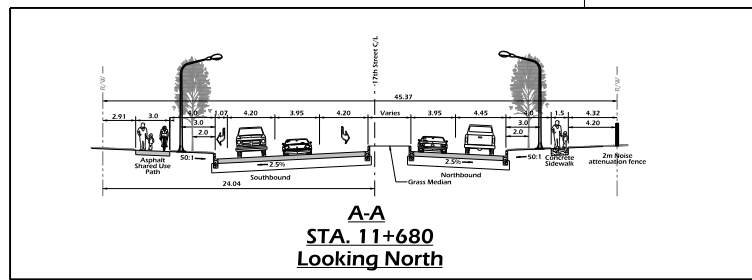
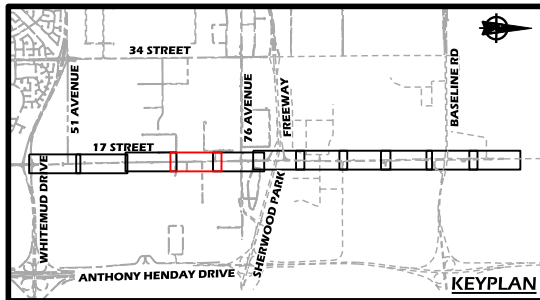
CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

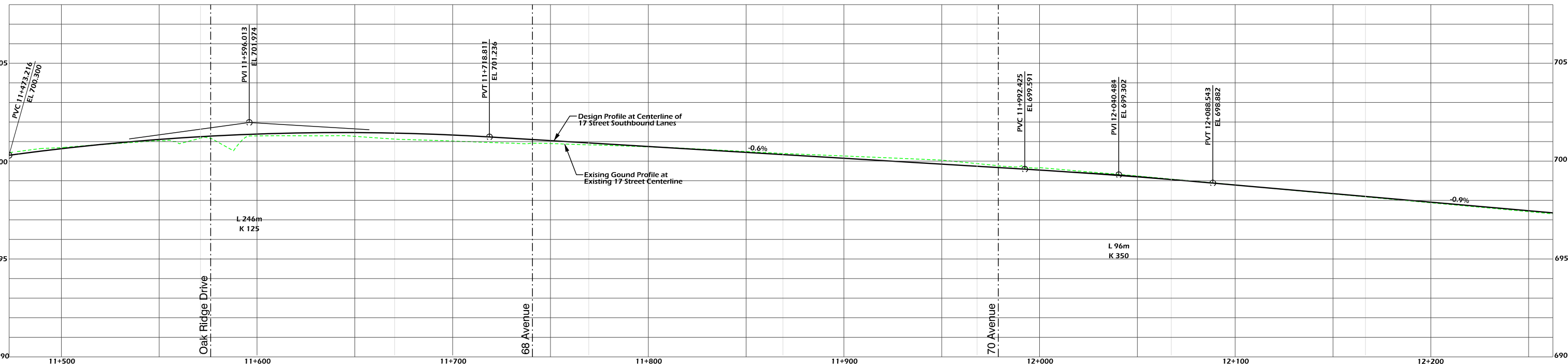
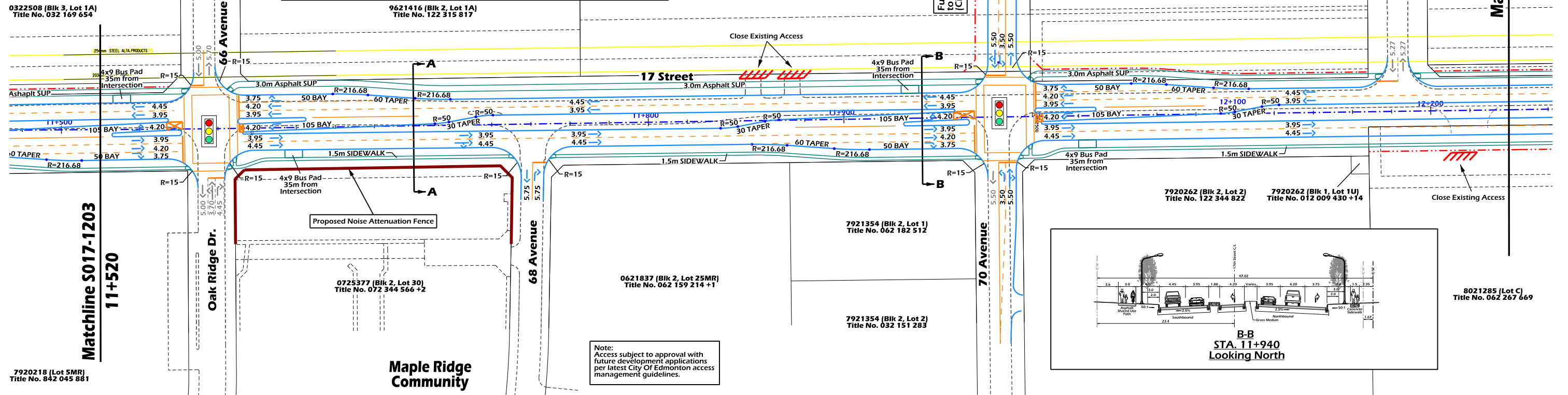
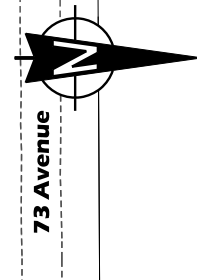
20m 0 40m
Hor. 2m 0 4m
Ver.

DRAWN: TD
REVIEWED:
DATE: 2013 04 09

PLAN NO.
S017-1203



Future 11.0m Industrial Collector
to Match into Existing Area Roads
[City Standard is 11.5m]



LEGEND

- Proposed Right of Way
- Proposed Face of Curb
- Proposed Pavement Markings
- Railway
- Gas Pipeline
- 4x9 Bus Stop Pad
- Railroad Crossing Signals
- Guide Arrows Only
- Access Closure

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note:
Road dimensions for the City of
Edmonton are to the Face of Curb

McElhanney
Consulting Services Ltd.

THE CITY OF
Edmonton TRANSPORTATION
SERVICES
STRATHCONA
COUNTY



Originals Signed
Brian Latte 5/24/2013
Manager, Transportation Planning Branch
Jason Meliefste 5/15/2013
Director, Facility & Capital Planning
Jody Hancock 5/22/2013
Director, Development Planning & Engineering

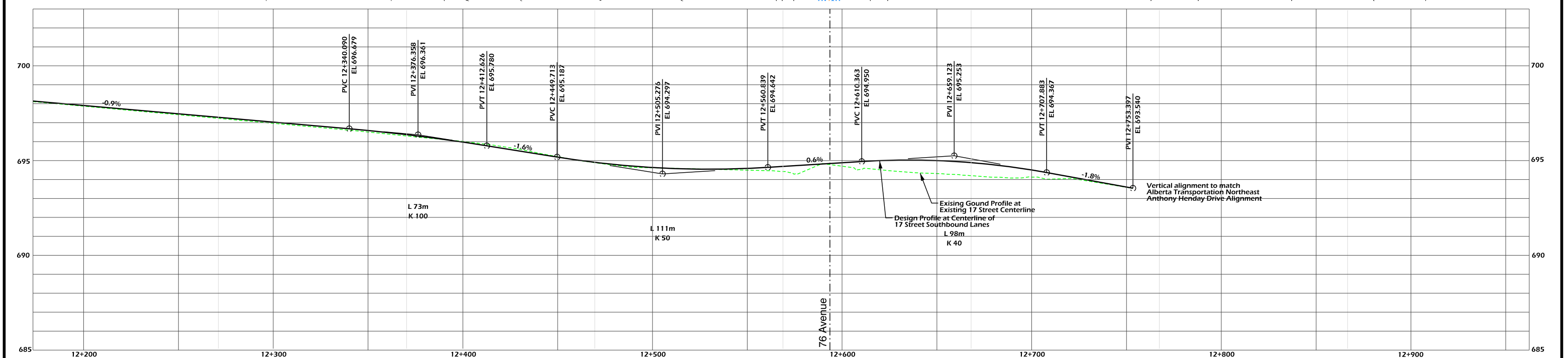
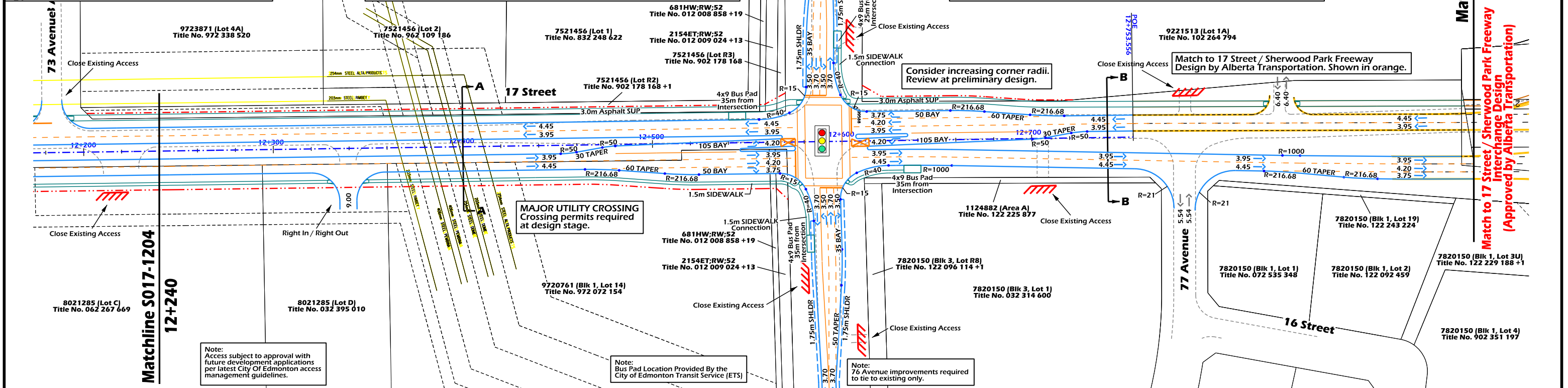
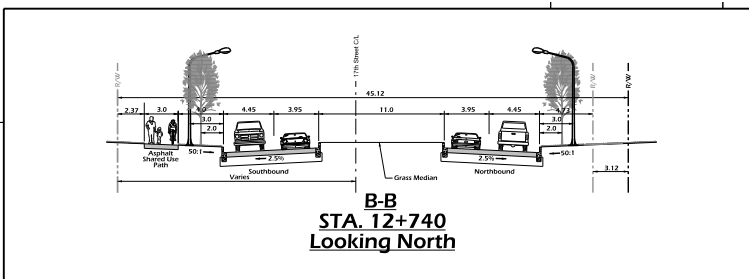
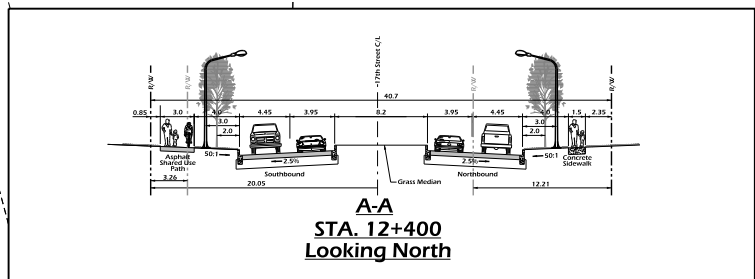
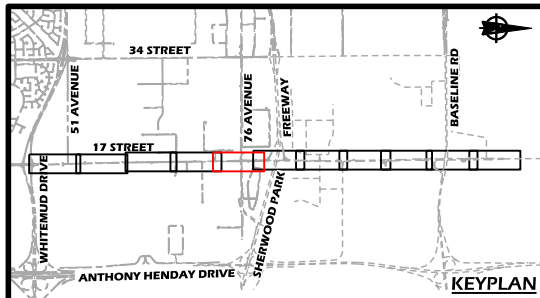
CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

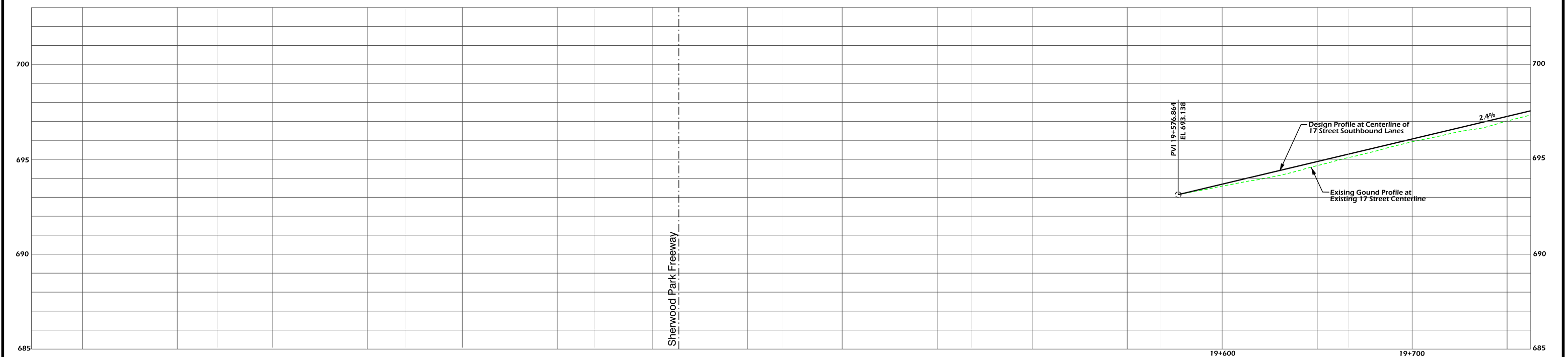
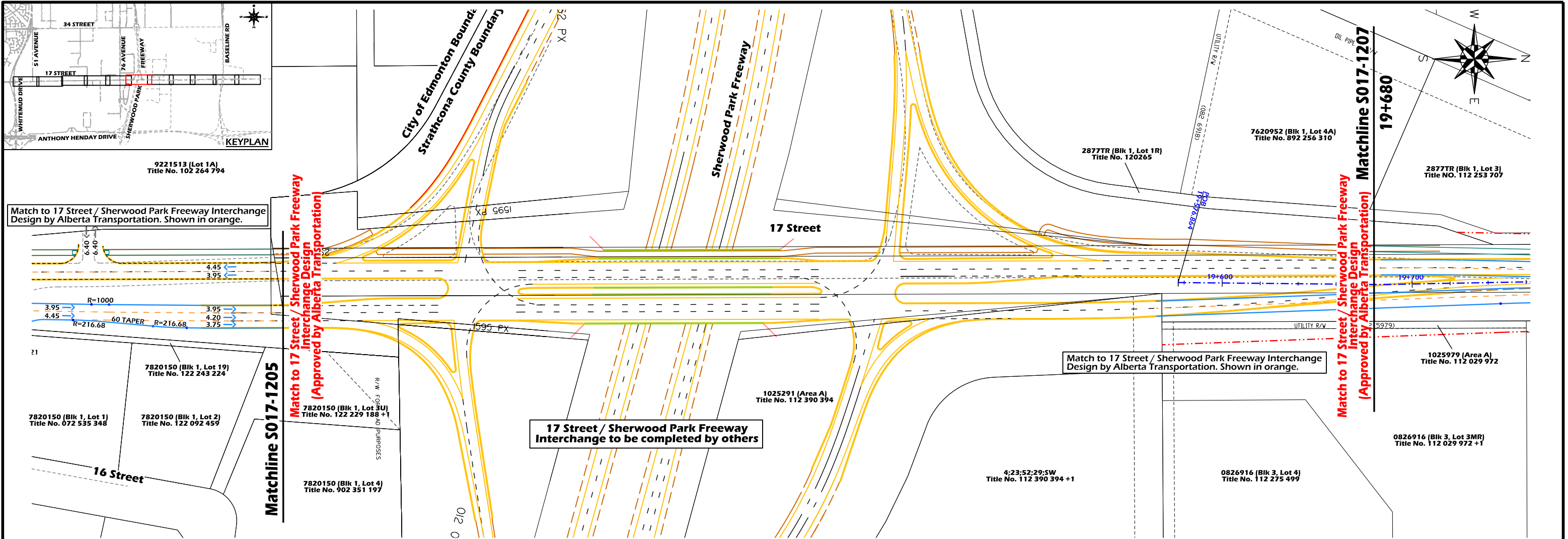
20m 0 40m
Hor. 2m 0 4m
Ver.

DRAWN: TD
REVIEWED:
DATE: 2013 04 09

PLAN NO.
S017-1204



LEGEND - Proposed Right of Way - Proposed Face of Curb - Proposed Pavement Markings - Railway - Gas Pipeline 4x9 Bus Stop Pad - Railroad Crossing Signals - Guide Arrows Only - Access Closure	DESIGN SPEED = 70 km/h POSTED SPEED = 60 km/h Note: Road dimensions for the City of Edmonton are to the Face of Curb	McElhanney Consulting Services Ltd.	Edmonton TRANSPORTATION SERVICES	STRATHCONA COUNTY	PROFESSIONAL ENGINEER RYAN T. BETKER P. ENG. Originals Signed DATE: Ryan Betker 4/9/2013 PERMIT TO PRACTICE P6383	Originals Signed Brian Latte 5/24/2013 Manager, Transportation Planning Branch Jason Meliefste 5/15/2013 Director, Facility & Capital Planning Jody Hancock 5/22/2013 Director, Development Planning & Engineering	CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN 17th Street Arterial Widening Whitemud Dr to Knightsbridge Rd 20m 0 40m Hor. 2m 0 4m Ver. 2m 0 4m DRAWN: TD REVIEWED: DATE: 2013 04 09	S017-1205 PLAN NO.
---	--	---	---	--------------------------	--	---	--	------------------------------



LEGEND / NOTES:

- Proposed Right of Way
- Proposed Lip of Gutter
- Proposed Pavement Markings
- Railway
- 17 Street Interchange connection
- Access Closure
- Gas Pipeline

4x9 Bus Stop Pad

Guide Arrows Only

DESIGN SPEED = 70 km/h

POSTED SPEED = 60 km/h

Note: Road dimensions Strathcona County are to the lip of gutter

McElhanney

Consulting Services Ltd.

THE CITY OF EDMONTON

TRANSPORTATION SERVICES

STRATHCONA COUNTY

PROFESSIONAL ENGINEER ALBERTA

RYAN T. BETKER

P. Eng. Originals Signed

DATE: Ryan Betker 4/9/2013

PERMIT TO PRACTICE P6383

DATUM:

PROJECTION:

SCALE FACTOR:

COORDINATES:

SCALE (m): Horz: 1:1000 Vert: 1:10000 DATE: Dec 17, 2012

PROJECT LOCATION: 17 St from Sherwood Park Freeway to Knightsbridge Ave

SURVEY BY: DRAWN BY: Tony Deahoy

DESIGN BY: Tony Deahoy CHECKED BY: Andy Heath

APPROVED BY: Ryan Betker PROJECT MANAGER: Tony Moghee

DRAWING/PROJECT No.: REV. No.: SHEET No.: S017-1206

AIR PHOTO:

CONTOUR INTERVAL:

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

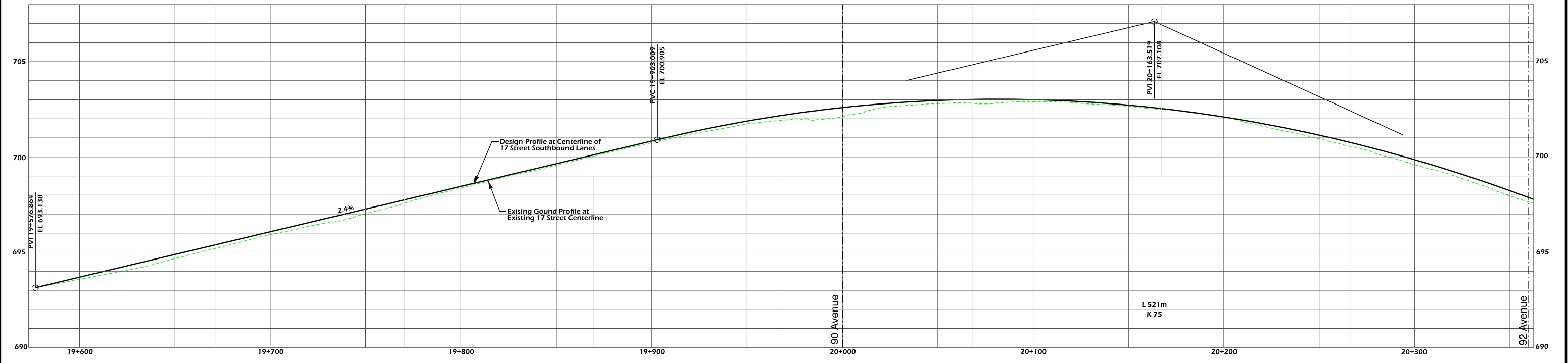
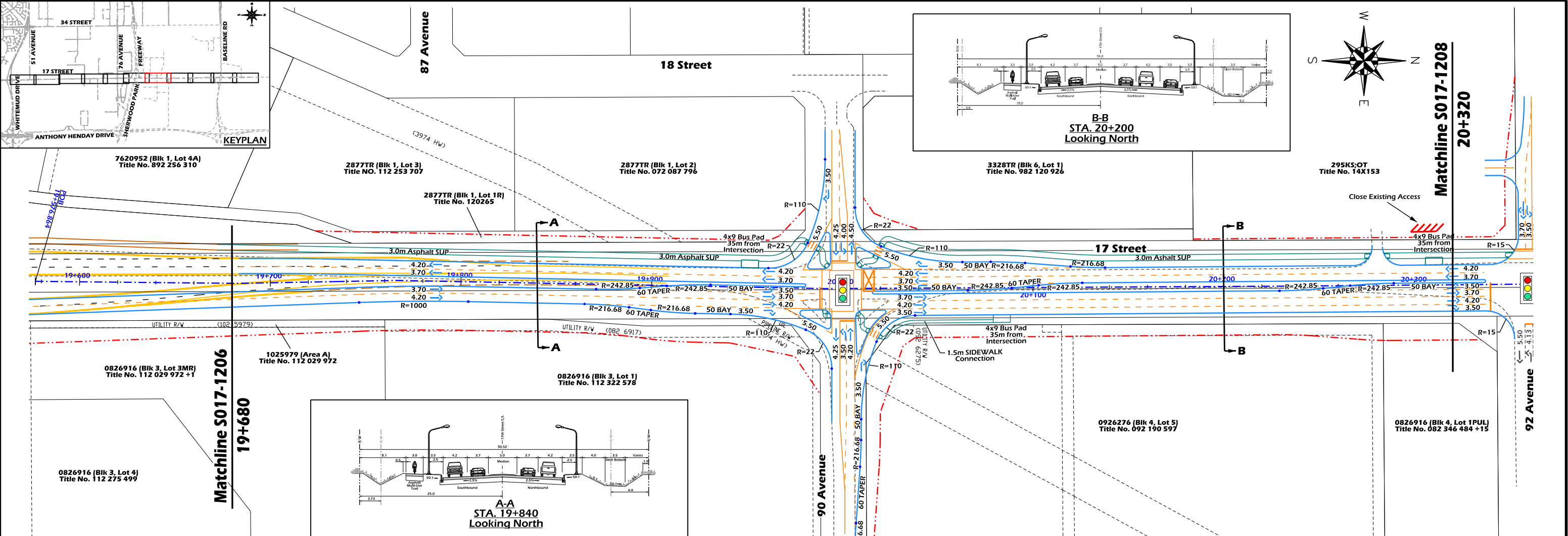
17th Street

Arterial Widening

Whitemud Dr to Knightsbridge Rd

CAPITAL PLANNING AND CONSTRUCTION

2001 SHERWOOD DRIVE SHERWOOD PARK, ALBERTA, T8A 3W7



LEGEND / NOTES:

- Proposed Right of Way
- Proposed Lip of Gutter
- Proposed Pavement Markings
- 17 Street Interchange connection (Planned by Others)
- Gas Pipeline
- 4x9 Bus Stop Pad
- Guide Arrows Only
- Access Closure

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note:
Road dimensions Strathcona County are to the lip of gutter

McElhanney
Consulting Services Ltd.

THE CITY OF EDMONTON
TRANSPORTATION SERVICES

STRATHCONA COUNTY

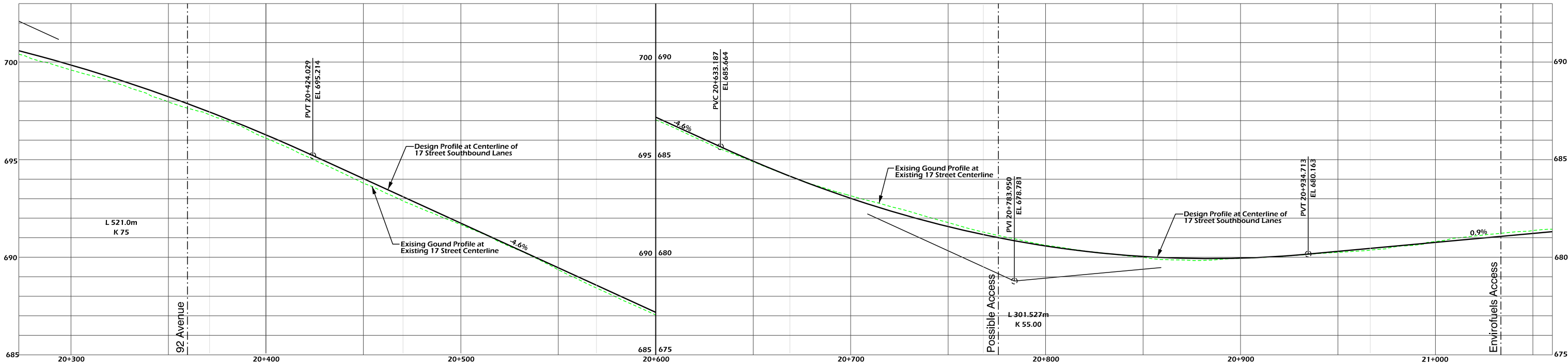
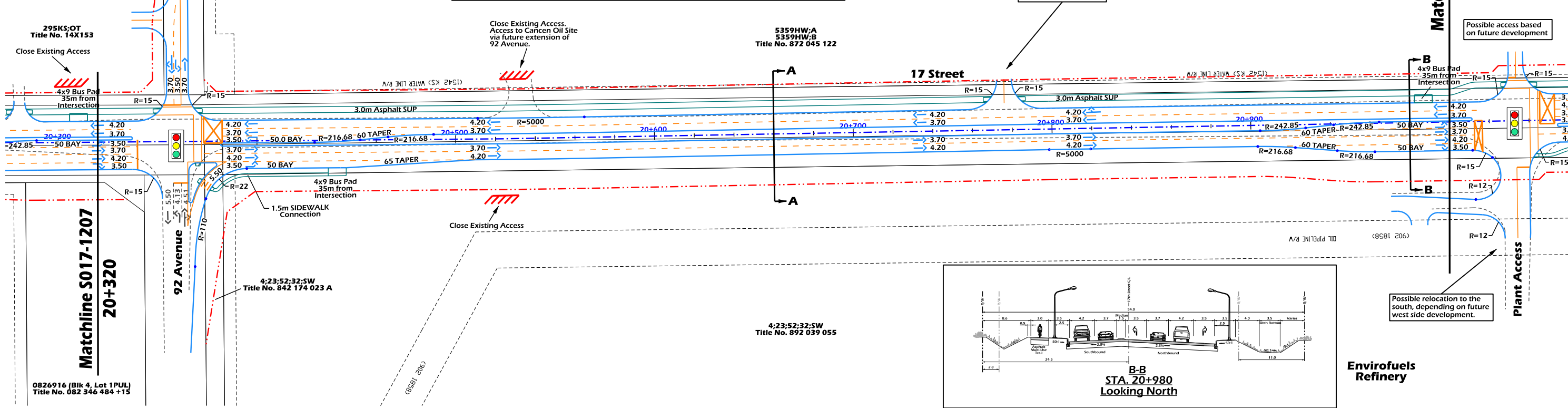
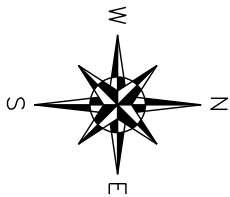
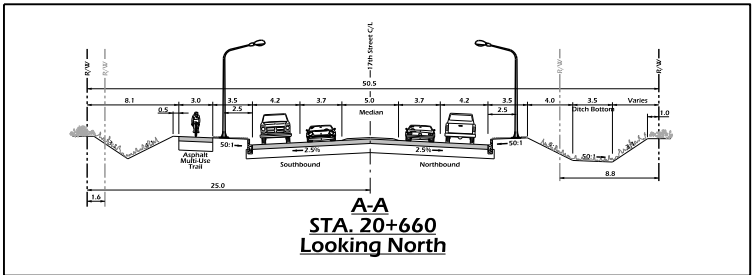
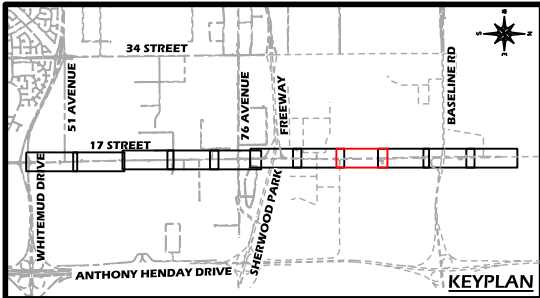
PROFESSIONAL ENGINEER
ALBERTA
Ryan T. Betker
P. Eng. Originals Signed
DATE: Ryan Betker 4/9/2013
PERMIT TO PRACTICE P6383

DATUM:
PROJECTION:
SCALE FACTOR:
COORDINATES:
SCALE (m): Horiz: 1:1000 Vert: 1:10000 DATE: Dec 17, 2012
PROJECT LOCATION: 17 St from Sherwood Park Freeway to Knightsbridge Ave
SURVEY BY: DRAWN BY: Tony Deahoy
DESIGN BY: Tony Deahoy
CHECKED BY: Andy Heath
APPROVED BY: Ryan Betker
PROJECT MANAGER: Tony Moghee
DRAWING/PROJECT No.: REV. No.: SHEET No.: S017-1207

AIR PHOTO:
CONTOUR INTERVAL:
CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

CAPITAL PLANNING AND CONSTRUCTION
2001 SHERWOOD DRIVE SHERWOOD PARK, ALBERTA, T8A 3W7



LEGEN / NOTES:

- Proposed Right of Way
- Proposed Lip of Gutter
- Proposed Pavement Markings
- Railway
- 17 Street Interchange connection (Planned by Others)
- Gas Pipeline
- 4x9 Bus Stop Pad
- Guide Arrows Only
- Access Closure

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note:
Road dimensions Strathcona County
are to the lip of gutter

McElhanney
Consulting Services Ltd.

THE CITY OF
Edmonton
TRANSPORTATION SERVICES
STRATHCONA
COUNTY

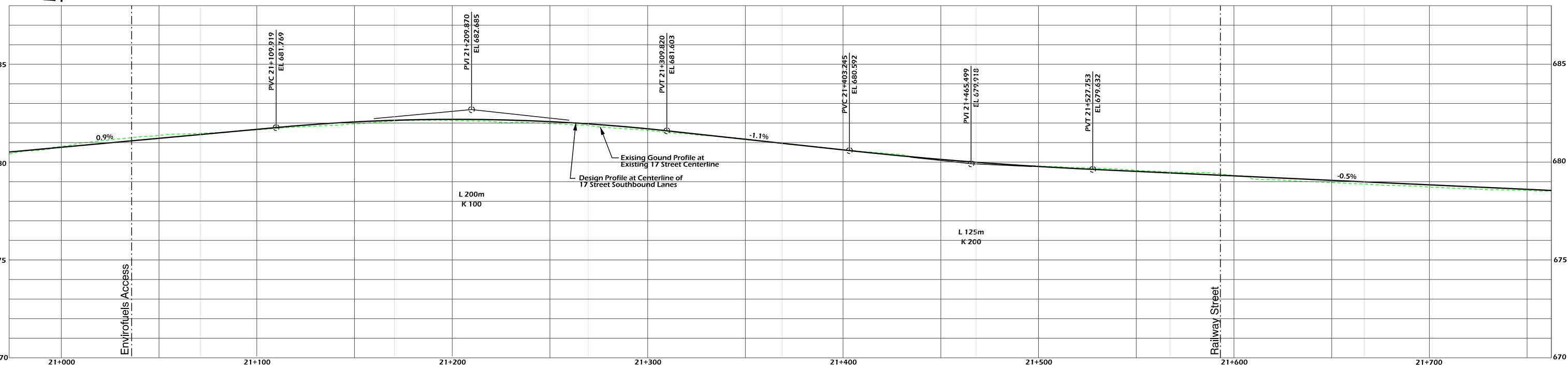
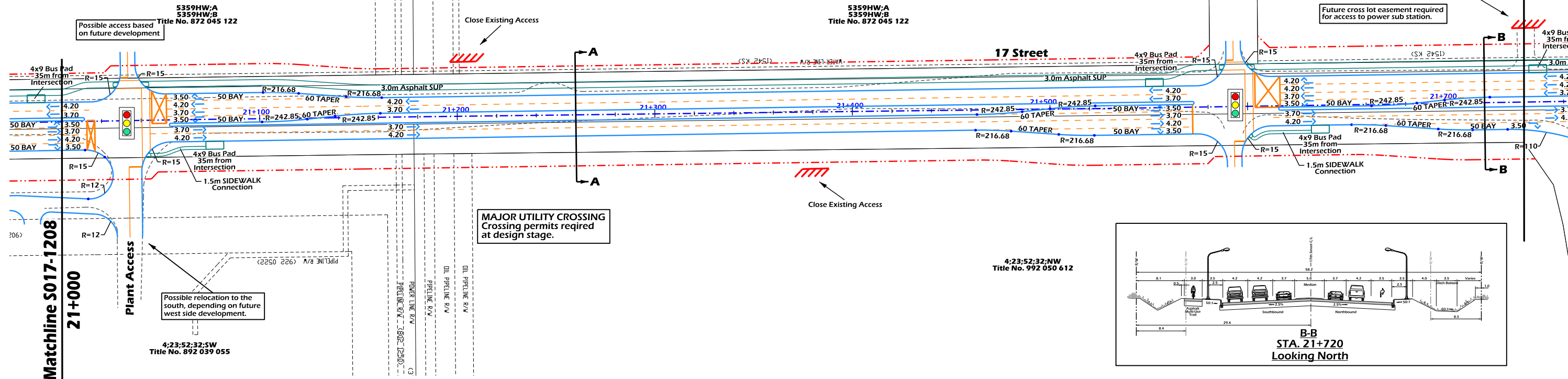
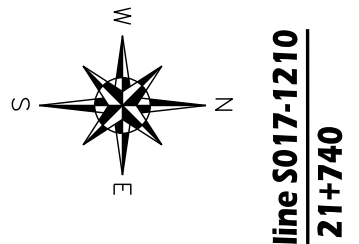
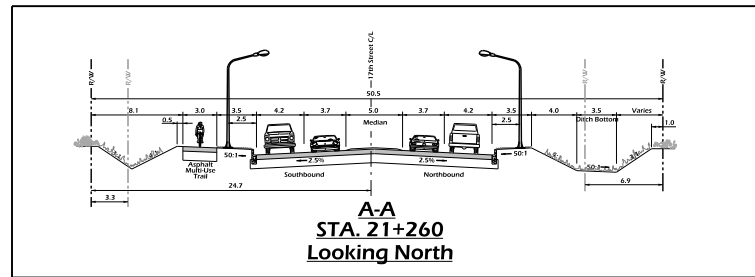
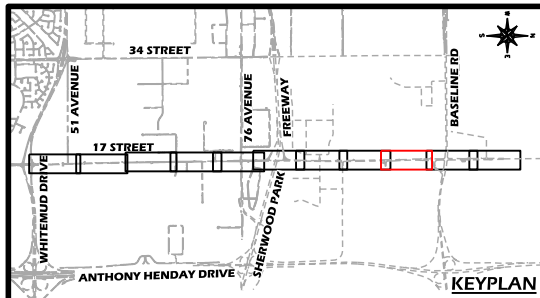


DATUM:
PROJECTION:
SCALE FACTOR:
COORDINATES:
SCALE (m): Horz: 1:1000 Vert: 1:10000 DATE: Dec 17, 2012
PROJECT LOCATION: 17 St from Sherwood Park Freeway to Knightsbridge Ave
SURVEY BY: TD DRAWN BY: TD
DESIGN BY: TD CHECKED BY: AH
APPROVED BY: RB PROJECT MANAGER:
DRAWING/PROJECT No.: REV. No.: SHEET No.:
S017-1208

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

CAPITAL PLANNING AND CONSTRUCTION
2001 SHERWOOD DRIVE SHERWOOD PARK, ALBERTA, T8A 3W7



LEGEN / NOTES:

- Proposed Right of Way
- Proposed Lip of Gutter
- Proposed Pavement Markings
- 17 Street Interchange connection (Planned by Others)
- Gas Pipeline
- 4x9 Bus Stop Pad
- Guide Arrows Only
- DESIGN SPEED = 70 km/h
- POSTED SPEED = 60 km/h
- Note: Road dimensions Strathcona County are to the lip of gutter

McElhanney
Consulting Services Ltd.

THE CITY OF EDMONTON
TRANSPORTATION SERVICES

STRATHCONA COUNTY

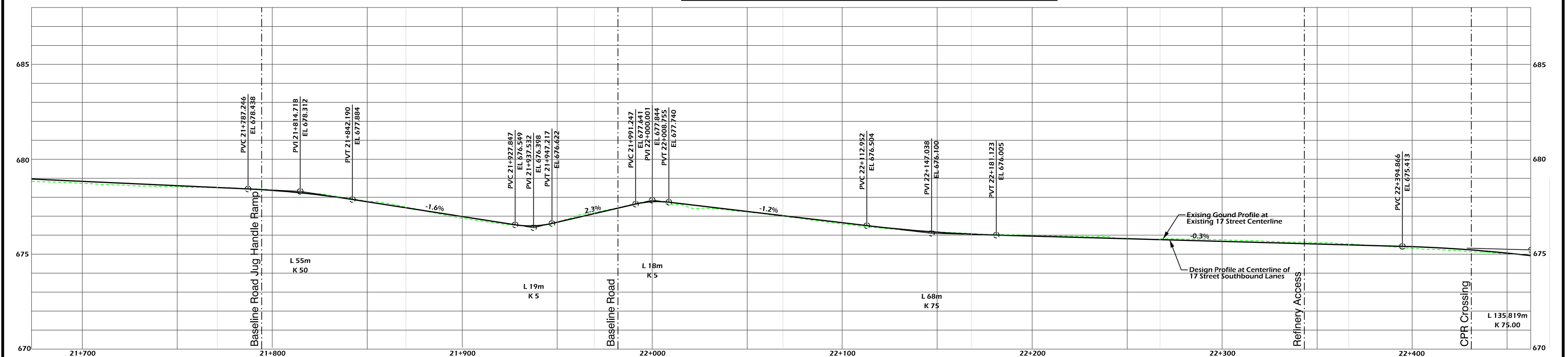
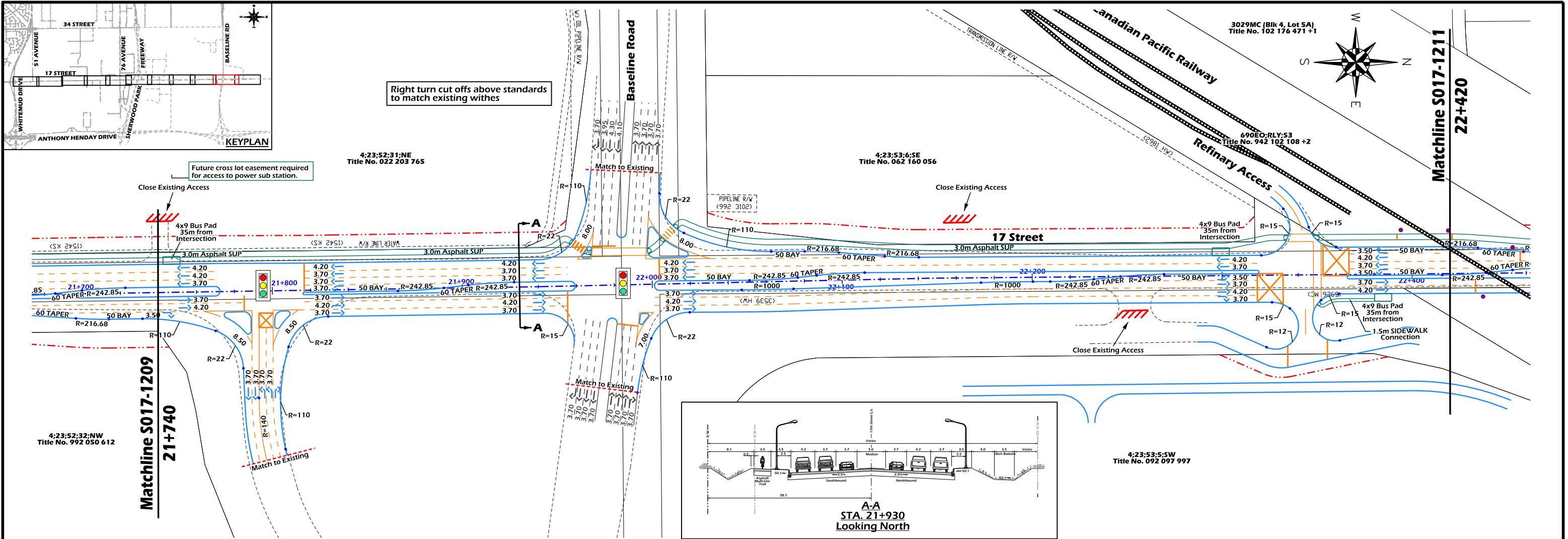
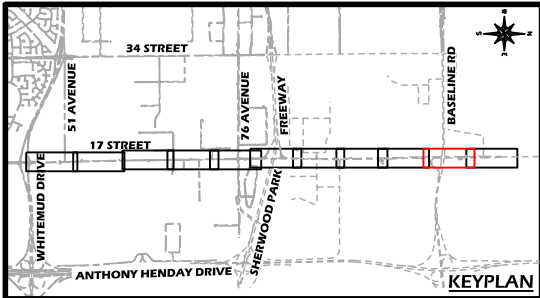
PROFESSIONAL ENGINEER ALBERTA
Ryan T. Betker
P. Eng. Originals Signed
DATE: Ryan Betker 4/9/2013
PERMIT TO PRACTICE P6383

DATUM:
PROJECTION:
SCALE FACTOR:
COORDINATES:
SCALE (m): Horz: 1:1000 Vert: 1:10000 DATE: Dec 17, 2012
PROJECT LOCATION: 17 St from Sherwood Park Freeway to Knightsbridge Ave
SURVEY BY: TO
DESIGN BY: TO
APPROVED BY: RB
DRAWING/PROJECT No.: REV. No.: SHEET No.: S017-1209

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

CAPITAL PLANNING AND CONSTRUCTION
2001 SHERWOOD DRIVE SHERWOOD PARK, ALBERTA, T8A 3W7



LEGEND / NOTES:

- Proposed Right of Way
- Proposed Lip of Gutter
- Proposed Pavement Markings
- 17 Street Interchange connection (Planned by Others)
- Gas Pipeline
- 4x9 Bus Stop Pad
- Guide Arrows Only
- Access Closure
- Railroad Crossing Signals
- DESIGN SPEED = 70 km/h
- POSTED SPEED = 60 km/h
- Note: Road dimensions Strathcona County are to the lip of gutter

McElhanney
Consulting Services Ltd.

THE CITY OF EDMONTON
TRANSPORTATION SERVICES

STRATHCONA COUNTY

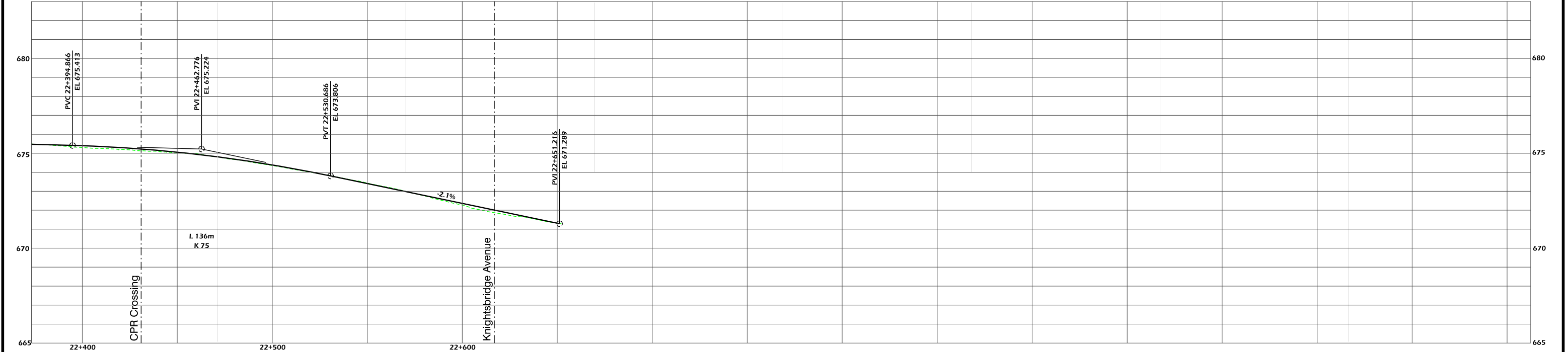
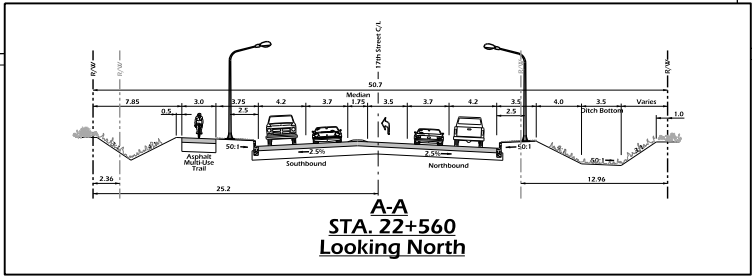
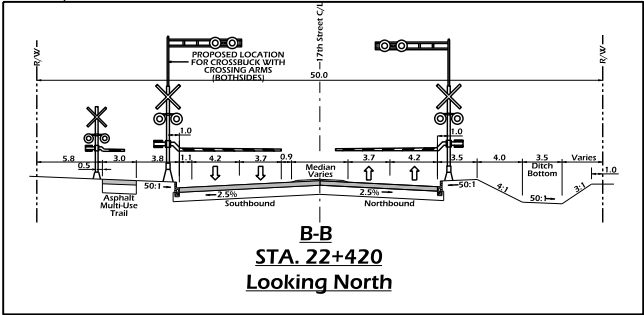
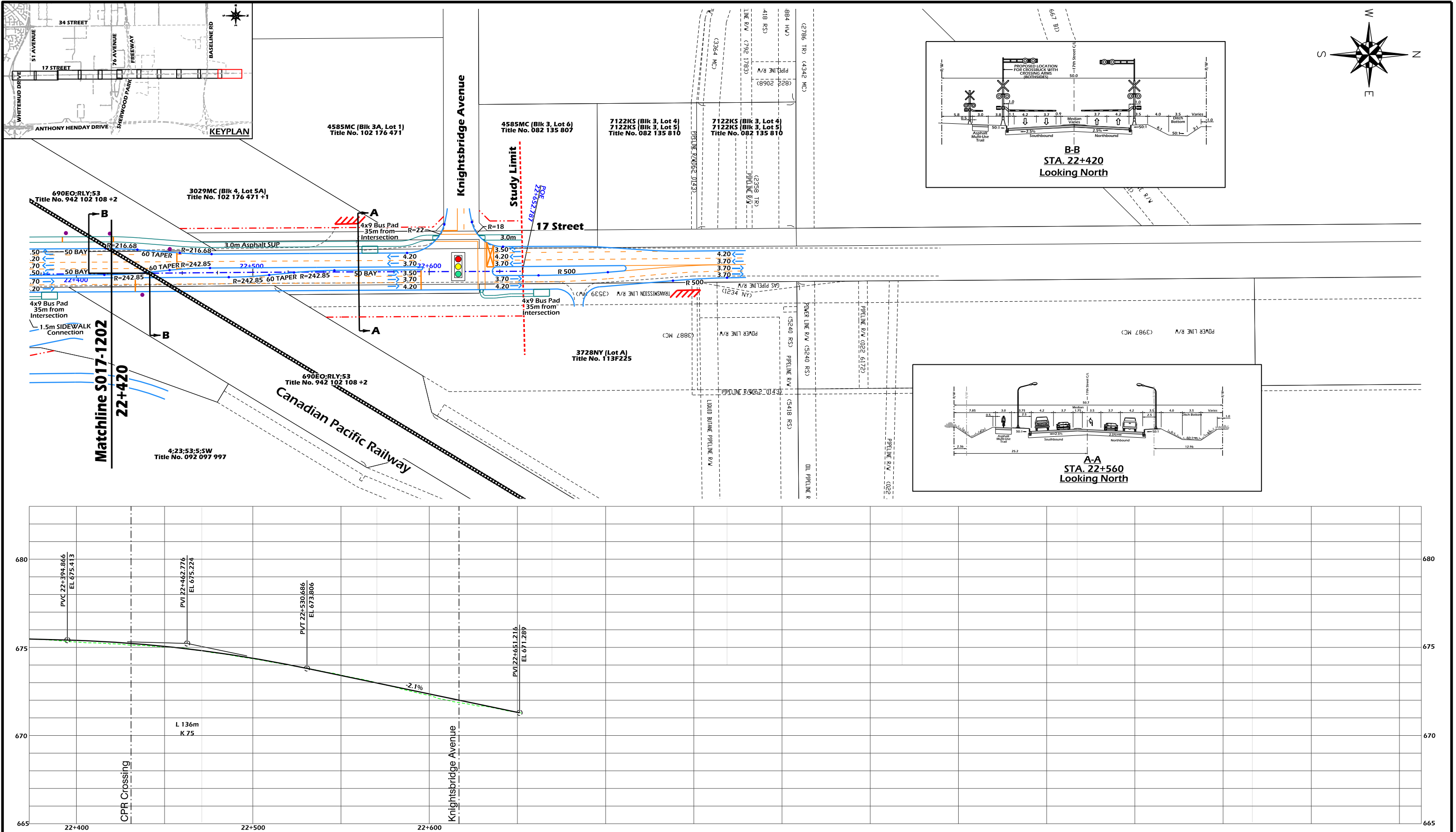
PROFESSIONAL ENGINEER ALBERTA
Ryan T. Betker
DATE: 4/9/2013
PERMIT TO PRACTICE: P6383

DATUM: PROJECTION: SCALE FACTOR: COORDINATES: SCALE (m): Horz: 1:1000 Vert: 1:10000 DATE: Dec 17, 2012 PROJECT LOCATION: 17 St from Sherwood Park Freeway to Knightsbridge Ave SURVEY BY: TO DRAWN BY: TO DESIGN BY: TO CHECKED BY: AH APPROVED BY: RB DRAWING/PROJECT No.: REV. No.: SHEET No.: S017-1210

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

CAPITAL PLANNING AND CONSTRUCTION
2001 SHERWOOD DRIVE SHERWOOD PARK, ALBERTA, T8A 3W7



LEGEND / NOTES:

- Proposed Right of Way
- Proposed Lip of Gutter
- Proposed Pavement Markings
- 17 Street Interchange connection (Planned by Others)
- Gas Pipeline
- 4x9 Bus Stop Pad
- Guide Arrows Only
- Access Closure

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note:
Road dimensions Strathcona County are to the lip of gutter

McElhanney
Consulting Services Ltd.

Edmonton
TRANSPORTATION SERVICES

STRATHCONA COUNTY

PROFESSIONAL ENGINEER ALBERTA
Ryan T. Betker
P. Eng. Originals Signed
DATE: 4/9/2013
PERMIT TO PRACTICE P6383

DATUM:
PROJECTION:
SCALE FACTOR:
COORDINATES:
SCALE (m): Horz: 1:1000 Vert: 1:10000
DATE: Dec 17, 2012
PROJECT LOCATION: 17 St from Sherwood Park Freeway to Knightsbridge Ave

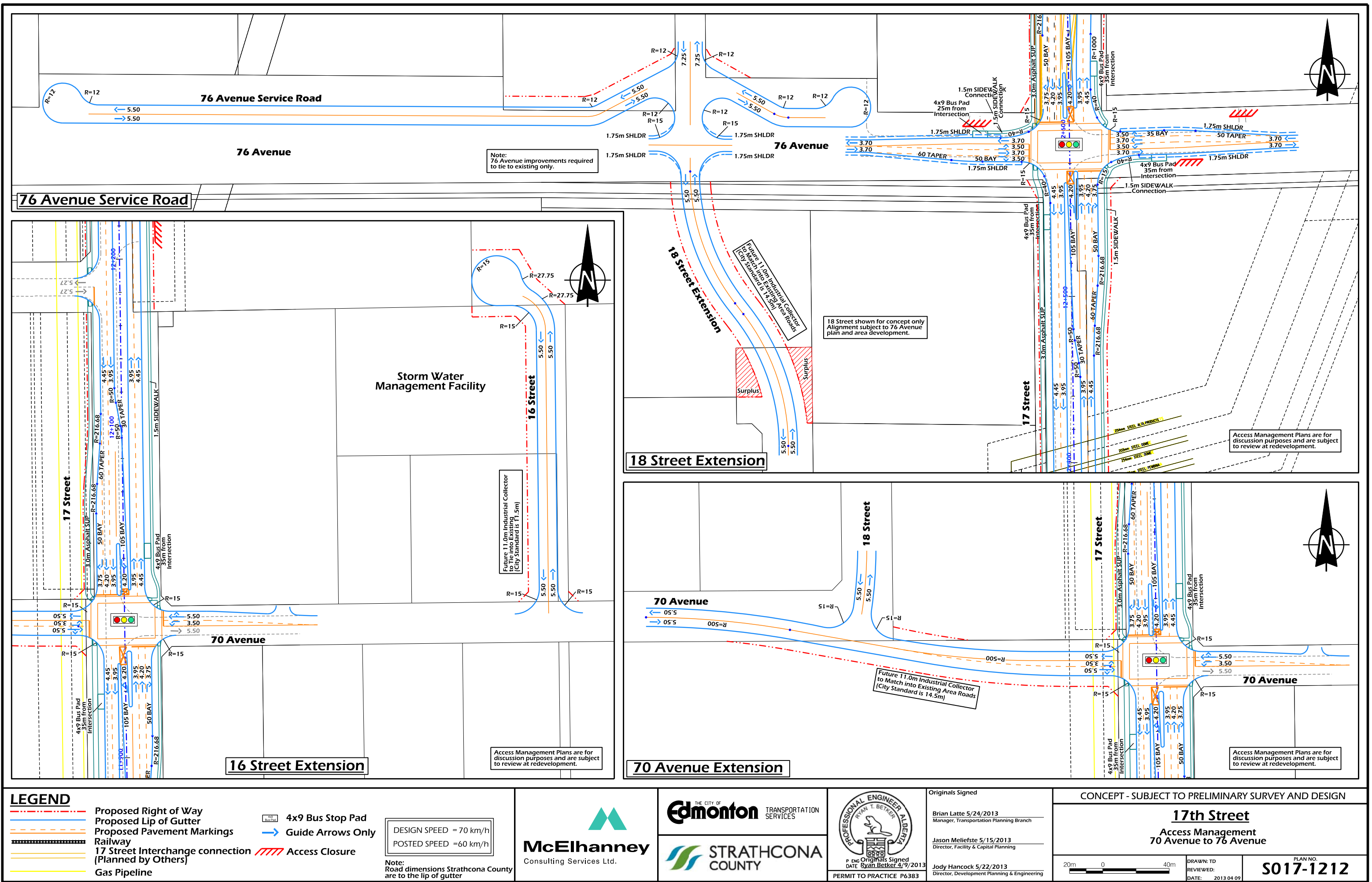
SURVEY BY: TD	DRAWN BY: TD
DESIGN BY: TD	CHECKED BY: AH
APPROVED BY: RB	PROJECT MANAGER:
DRAWING/PROJECT No.:	REV. No.:
SHEET No.:	S017-1211

AIR PHOTO:

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Arterial Widening
Whitemud Dr to Knightsbridge Rd

CAPITAL PLANNING AND CONSTRUCTION
2001 SHERWOOD DRIVE SHERWOOD PARK, ALBERTA, T8A 3W7



LEGEND

Proposed Right of Way

Proposed Lip of Gutter

Proposed Pavement Markings

Railway

17 Street Interchange connection (Planned by Others)

Gas Pipeline

4x9 Bus Stop Pad

Guide Arrows Only

Access Closure

DESIGN SPEED = 70 km/h

POSTED SPEED = 60 km/h

Note:
Road dimensions Strathcona County
are to the lip of gutter

McElhanney

Consulting Services Ltd.

Edmonton

TRANSPORTATION SERVICES

STRATHCONA COUNTY

PROFESSIONAL ENGINEER

ALBERTA

PERMIT TO PRACTICE P6383

Originals Signed

Brian Latte 5/24/2013
Manager, Transportation Planning Branch

Jason Meliefste 5/15/2013
Director, Facility & Capital Planning

Jody Hancock 5/22/2013
Director, Development Planning & Engineering

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Access Management
70 Avenue to 76 Avenue

20m 0 40m

DRAWN: TD

REVIEWED:

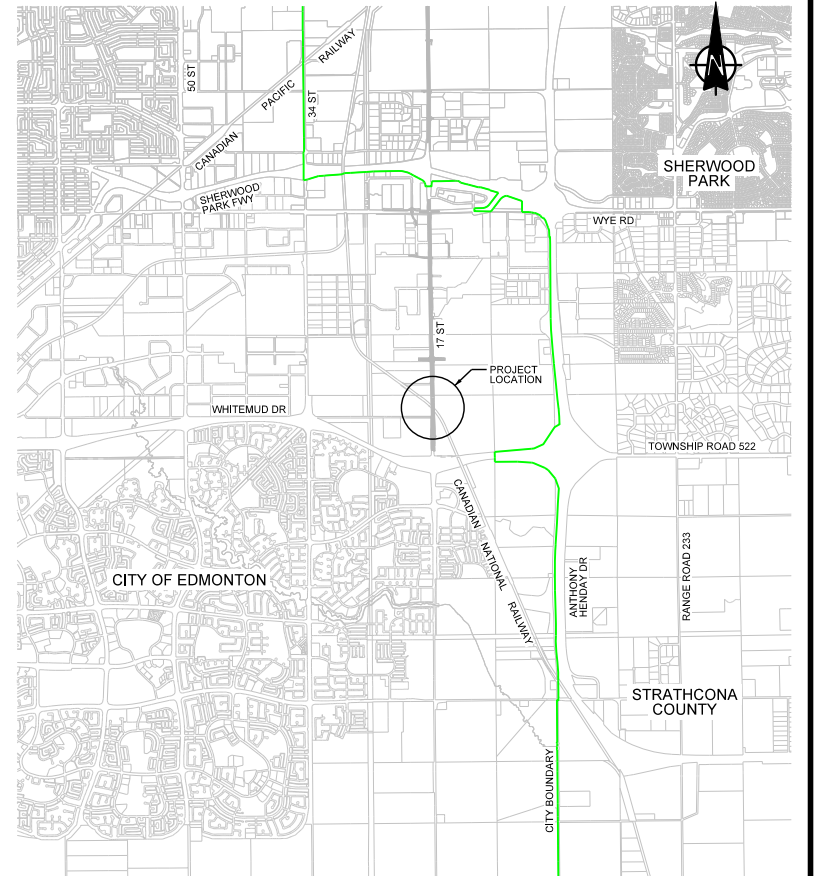
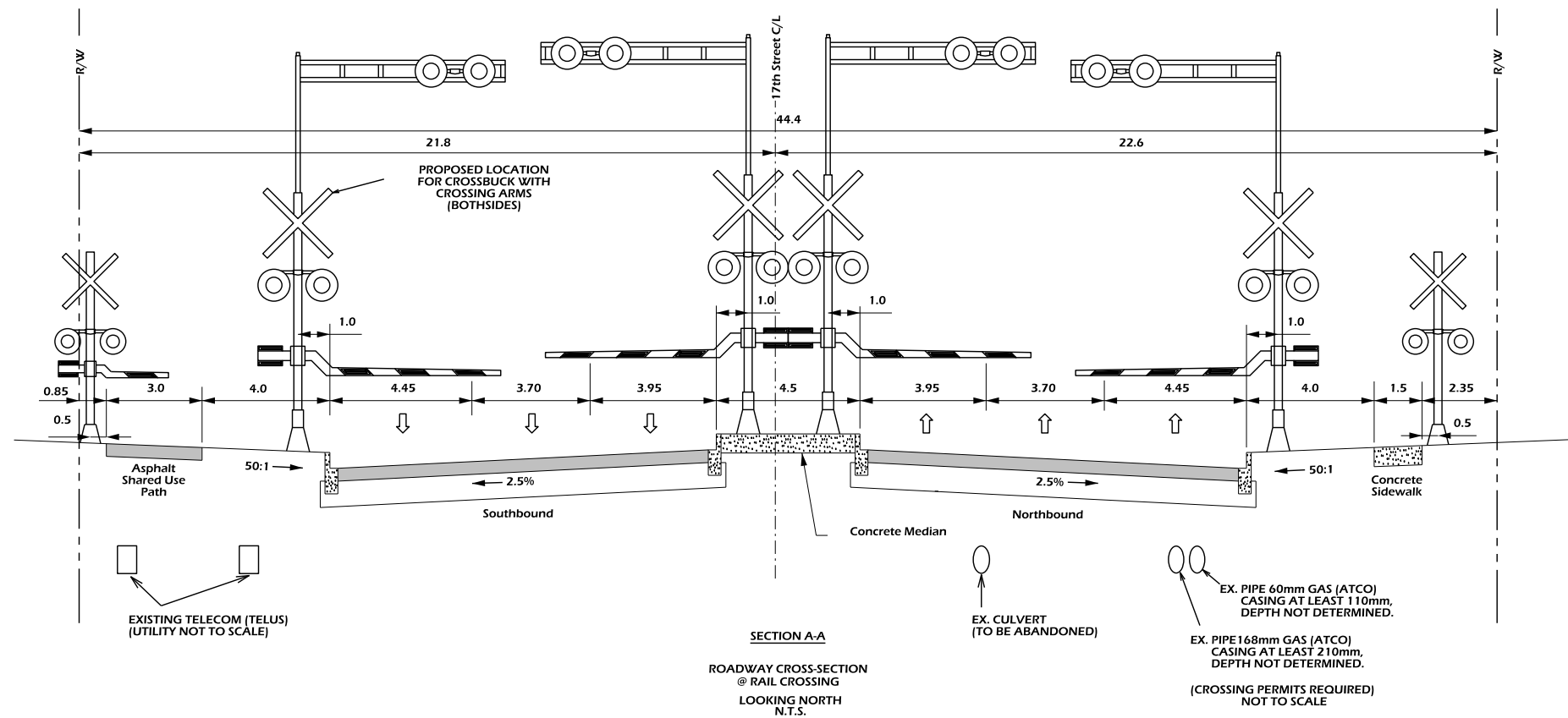
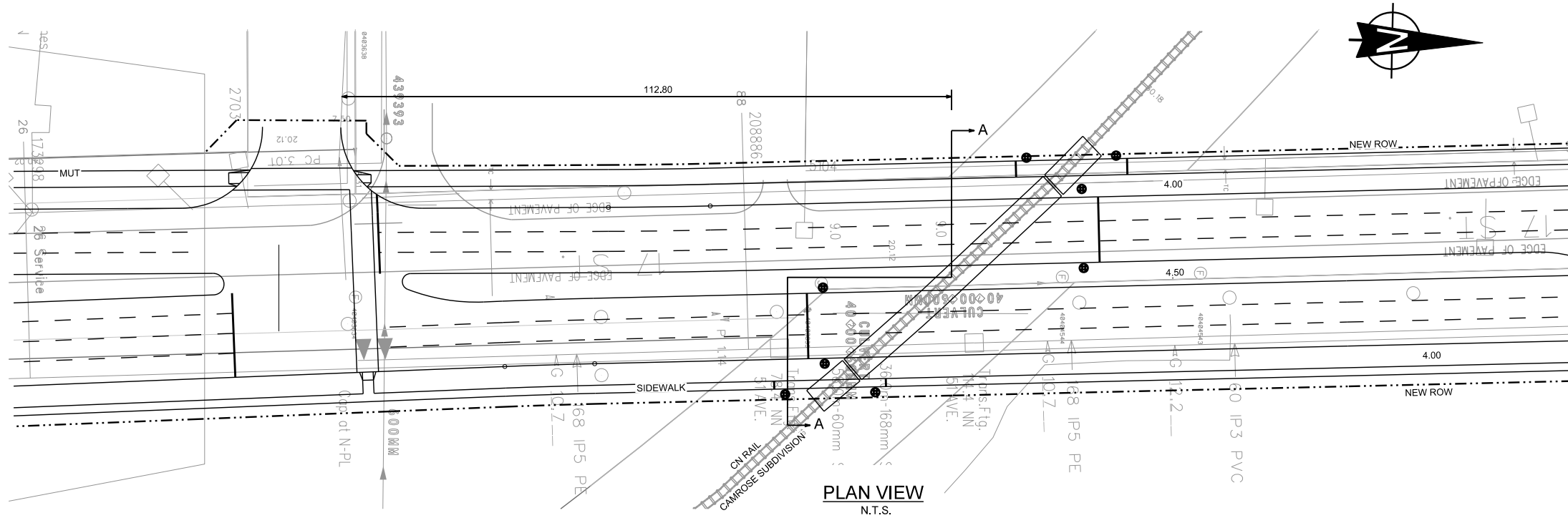
DATE: 2013 04 09

PLAN NO.

S017-1212

17th Street Design_Profile.dgn Sheet 12 6/7/2013 7:33:18 AM

CN RAIL CROSSING PLAN - PRELIMINARY



KEY PLAN
SCALE : 1:50,000

EXISTING SIGHTLINES				
DISTANCE FROM CL OF ROAD (m)	VEHICLES TRAVELLING FROM NORTH		VEHICLES TRAVELLING FROM SOUTH	
	WEST ALONG TRACK	EAST ALONG TRACK	WEST ALONG TRACK	EAST ALONG TRACK
25m	N/A	N/A	N/A	N/A
50m	N/A	N/A	N/A	N/A
100m	N/A	N/A	N/A	N/A

NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ELEVATIONS ARE BASED ON GEODETIC INFORMATION, PROVIDED BY CITY OF EDMONTON.
3. CONSTRUCTION TO BE IN ACCORDANCE WITH CTC 1980-8-RAIL AND SIGHT LINES TO BE CLEARED AND MAINTAINED IN ACCORDANCE WITH TRANSPORT CANADA G4-A GUIDELINES.
4. ALL UNDERGROUND UTILITY LOCATIONS TO BE PROTECTED AS PER TC-E10 FOR RAILWAY LOADING AND OVERHEAD UTILITIES AS PER G.O. E-11.
5. POSTED ROAD SPEED: 60KM/H
6. TRAFFIC VOLUMES:
PROJECTED , 35,000 AADT
7. TRAIN SPEED: NA
8. TRAIN FREQUENCY: 8-9 PER DAY (AS PROVIDED BY CN RAIL)

LEGEND

-
- Proposed Right of Way
 _____ Proposed Roadway
 [Hatched Box] Railway
 ● Proposed Crossbuck Locations

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note: Road dimensions for the City of Edmonton are to the Face of Curb



Originals Signed

Brian Latte 5/24/2013
Manager, Transportation Planning Branch

Jason Meliefste 5/15/2013
Director, Facility & Capital Planning

Jody Hancock 5/22/2013
Director, Development Planning & Engineering

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

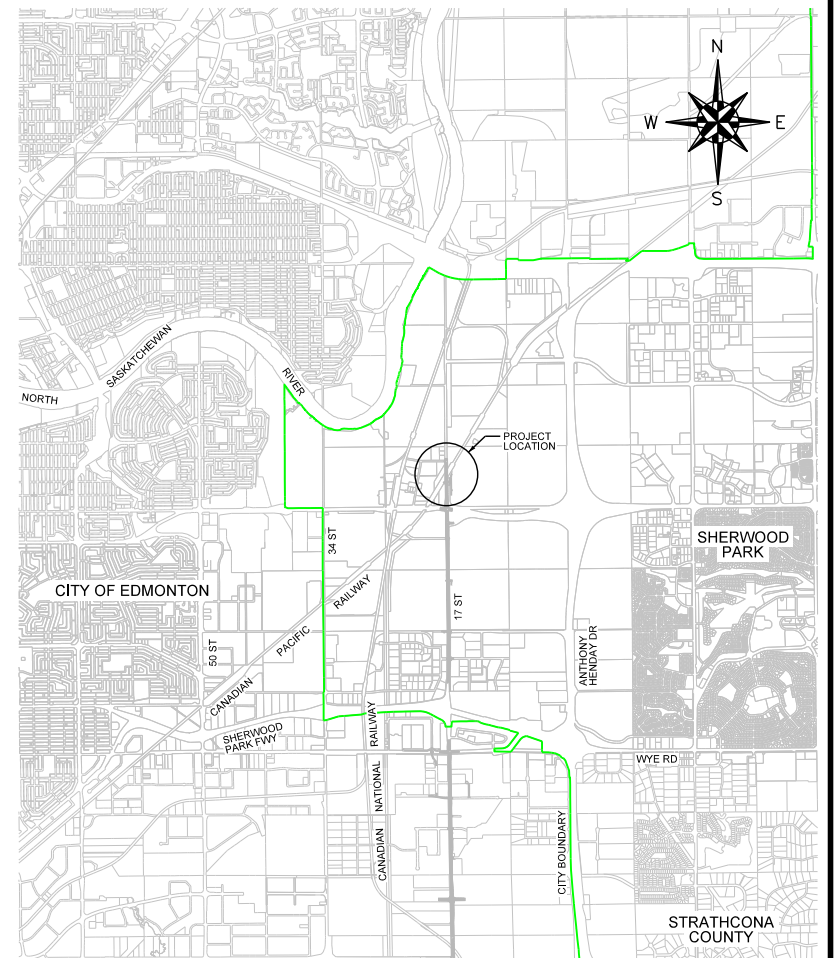
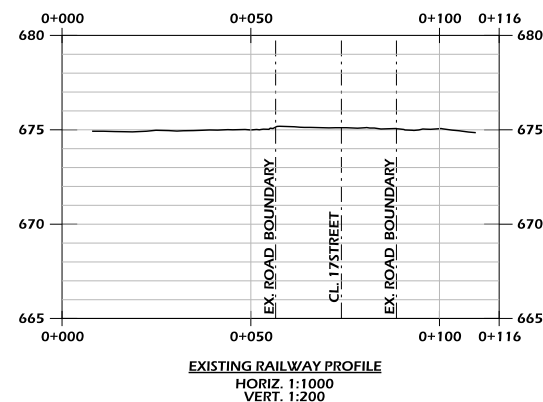
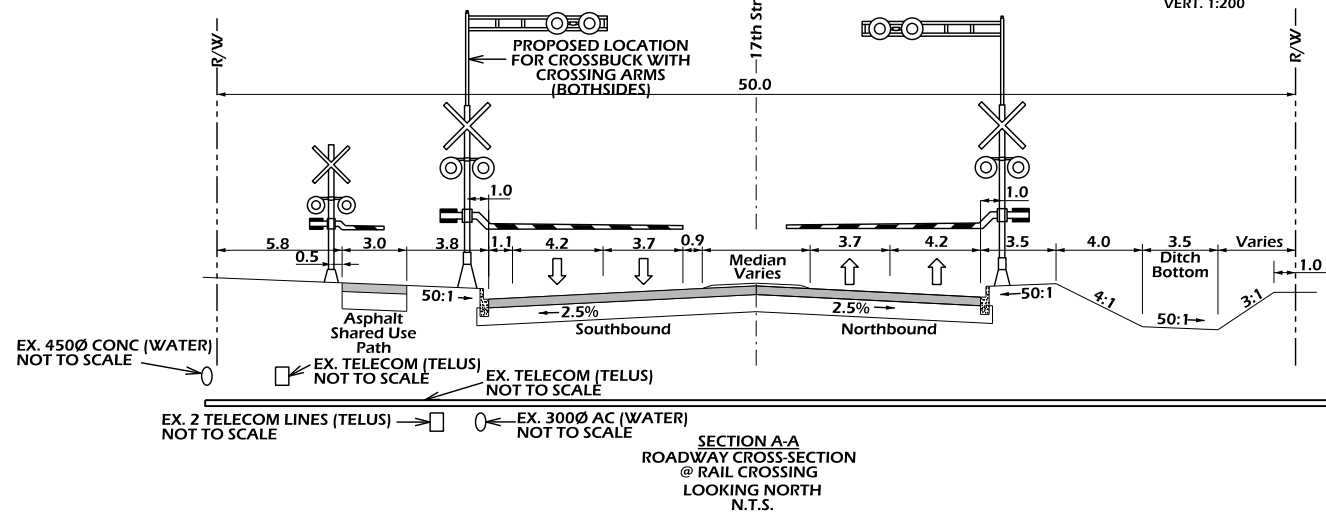
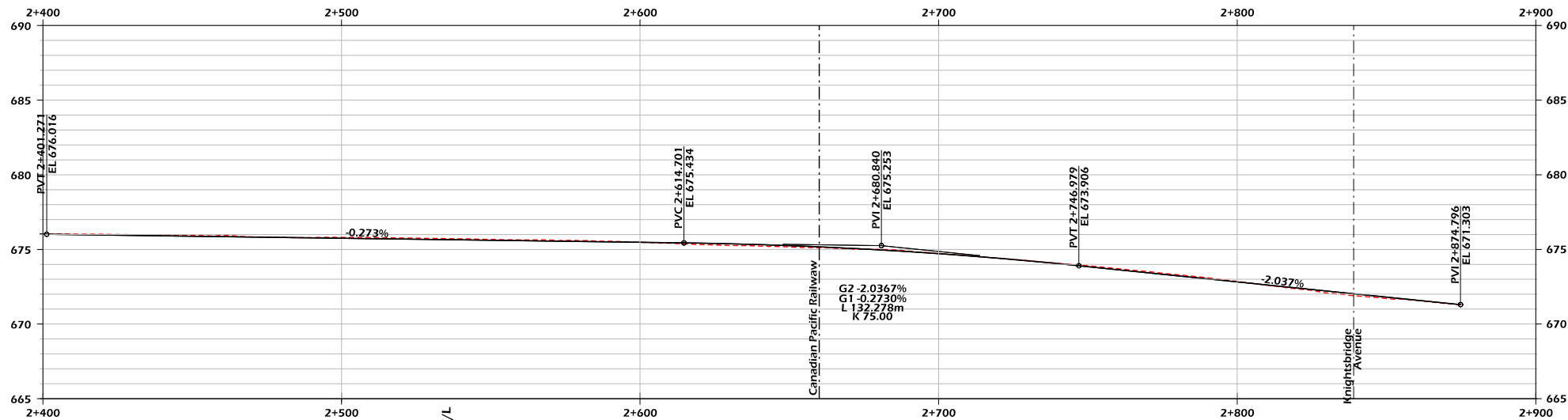
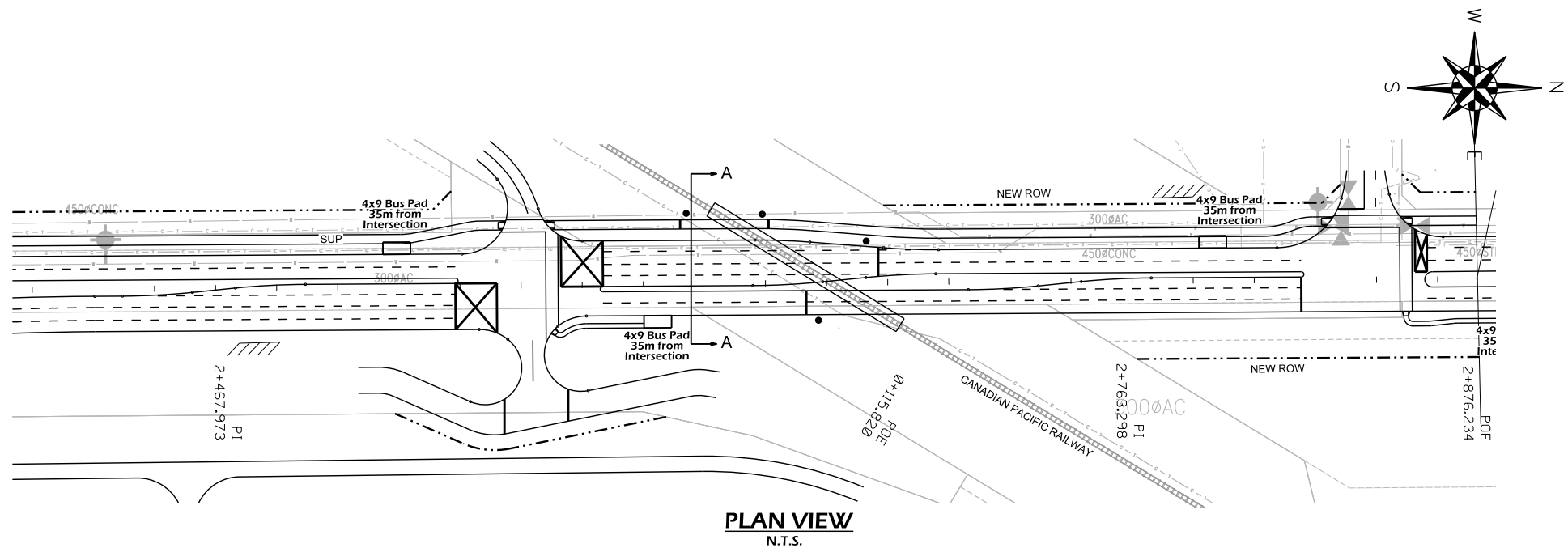
17th Street

**Whitemud Dr to Knightsbridge Rd
CN Rail Crossing (53Avenue Approx)**



DRAWN: TD REVIEWED: DATE: 2013 04 09
--

PLAN NO.
S017-1213



DISTANCE FROM CL OF ROAD (m)	VEHICLES TRAVELLING FROM NORTH		VEHICLES TRAVELLING FROM SOUTH	
	WEST ALONG TRACK	EAST ALONG TRACK	WEST ALONG TRACK	EAST ALONG TRACK
25m	N/A	N/A	N/A	N/A
50m	N/A	N/A	N/A	N/A
100m	N/A	N/A	N/A	N/A

- NOTES:**
1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 2. ELEVATIONS ARE BASED ON PRELIMINARY, SURVEYED BY STRATHCONA COUNTY.
 3. CONSTRUCTION TO BE IN ACCORDANCE WITH CTC 1980-8-RAIL AND SIGHT LINES TO BE CLEARED AND MAINTAINED IN ACCORDANCE WITH TRANSPORT CANADA G4-A GUIDELINES.
 4. ALL UNDERGROUND UTILITY LOCATIONS TO BE PROTECTED AS PER TC-E10 FOR RAILWAY LOADING AND OVERHEAD UTILITIES AS PER G.O. E-11.
 5. POSTED ROAD SPEED: 60KM/H
 6. TRAFFIC VOLUMES: PROJECTED , 20,000 AADT
 7. TRAIN SPEED: NA
 8. TRAIN FREQUENCY: TBD (AS PROVIDED BY CR RAIL)

LEGEN / NOTES:

- Proposed Right of Way
- Proposed Roadway
- Railway
- Proposed Crossbuck Locations

DESIGN SPEED = 70 km/h
POSTED SPEED = 60 km/h

Note:
Road dimensions Strathcona County
are to the lip of gutter

McElhanney
Consulting Services Ltd.

Edmonton TRANSPORTATION SERVICES
STRATHCONA COUNTY

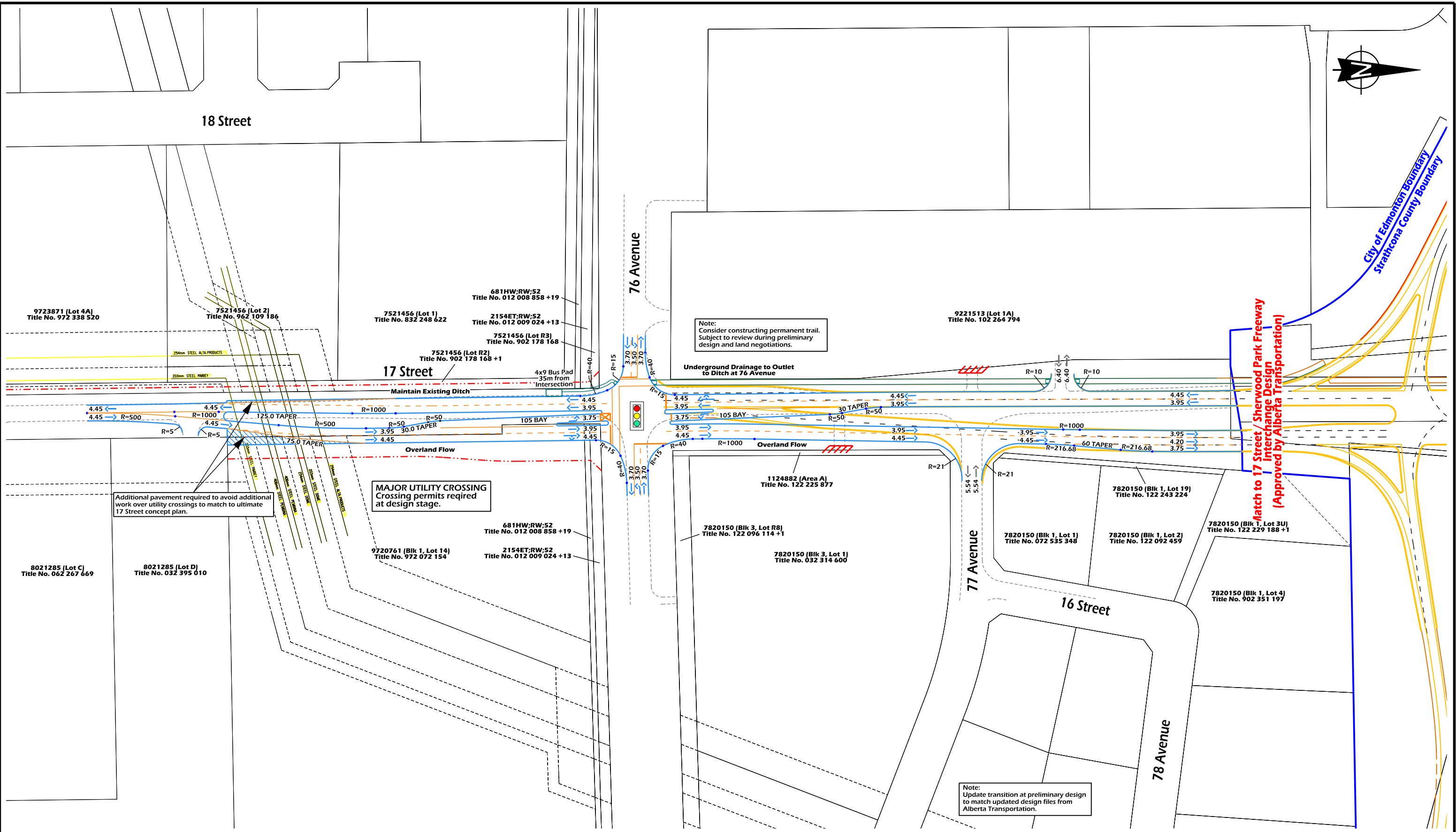
PROFESSIONAL ENGINEER ALBERTA
Ryan T. Betker
P. Eng. Originals Signed
DATE: 4/9/2013
PERMIT TO PRACTICE P6383

DATUM:
PROJECTION:
SCALE FACTOR:
COORDINATES:
SCALE (m): Horz: 1:1000 Vert: 1:10000 DATE: Dec 17, 2012
PROJECT LOCATION: 17 St from Sherwood Park Freeway to Knightsbridge Ave
SURVEY BY: TD
DESIGN BY: TD
APPROVED BY: RB
DRAWING/PROJECT No.:
REV. No.:
SHEET No.:
S017-1214

AIR PHOTO:
CONTOUR INTERVAL:
CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street
Whitemud Dr to Knightsbridge Rd
CP Rail Crossing (103 Avenue Appox)

CAPITAL PLANNING AND CONSTRUCTION
2001 SHERWOOD DRIVE SHERWOOD PARK, ALBERTA, T8A 3W7



LEGEND

- Proposed Right of Way
- Proposed Lip of Gutter
- Proposed Pavement Markings
- Railway
- Gas Pipeline
- Proposed 17 Street / Sherwood Park Freeway Interchange Design (By Alberta Transportation)

- Additional Pavement Required
- Guide Arrows Only
- Access Closure

DESIGN SPEED = 70 km/h

POSTED SPEED = 60 km/h

Note:
Road dimensions for the City of Edmonton are to the Face of Curb

Brian Latte 5/24/2013
Manager, Transportation Planning Branch

Jason Meliefste 5/15/2013
Director, Facility & Capital Planning

Jody Hancock 5/22/2013
Director, Development Planning & Engineering

CONCEPT - SUBJECT TO PRELIMINARY SURVEY AND DESIGN

17th Street

76 Avenue Interim Transition to 17 Street / Sherwood Park Freeway Interchange

20m 0 40m

DRAWN: TD
REVIEWED:
DATE: 2013 04 09

PLAN NO.
S017-1215