



**HENK DE VLIAGER**  
**MAYOR**  
**FORWARDED: July 4, 2014**

**AGENDA**

**SPECIAL MEETING OF THE COUNCIL OF THE TOWN OF TABER, IN THE PROVINCE OF ALBERTA, TO BE HELD IN THE COUNCIL CHAMBERS, ADMINISTRATION BUILDING, ON TUESDAY, JULY 8, 2014 AT 5:00 PM.**

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	<b><u>MOTION</u></b>
<b><u>ITEM NO. 1. CALL TO ORDER</u></b>	
<b><u>ITEM NO. 2. ADOPTION OF THE AGENDA</u></b>	<b>X</b>
<b><u>ITEM NO. 3. DELEGATIONS - NONE</u></b>	
<b><u>ITEM NO. 4. ADOPTION OF THE MINUTES - NONE</u></b>	
<b><u>ITEM NO. 5. BUSINESS ARISING FROM THE MINUTES - NONE</u></b>	
<b><u>ITEM NO. 6. BYLAWS - NONE</u></b>	
<b><u>ITEM NO. 7. ACTION ITEMS</u></b>	
A) RFD 2014 Surface Works Tender: Surface Works Includes Concrete and Asphalt Replacement	<b>X</b>
<b><u>ITEM NO. 8. MEDIA INQUIRIES</u></b>	
<b><u>ITEM NO. 9. CLOSED SESSION - NONE</u></b>	
<b><u>ITEM NO. 10. OPEN SESSION - NONE</u></b>	
<b><u>ITEM NO. 11. CLOSE OF MEETING</u></b>	<b>X</b>



## Council Request for Decision

<b>Meeting Date: July 8, 2014</b>	<b>Agenda Item: 7.A)</b>
<b>Subject: 2014 Surface Works Tender</b> Surface works includes concrete and asphalt replacement.	
<b>Background:</b>	<p>As part of the Town of Taber surface works projects for concrete and asphalt replacement, the drawings went out to tender on May 21, 2014 and closed June 10, 2014.</p> <p>Scope of work budgeted for includes:</p> <ol style="list-style-type: none"> <li>1. Schedule A – 46<sup>th</sup> Avenue Sidewalk</li> <li>2. Schedule B – Concrete replacement</li> <li>3. Schedule C – Roadwork's - Asphalt replacement</li> <li>4. 10% Contingency</li> <li>5. Engineering</li> </ol> <p>Total budget of \$737,500.00 was allocated to the project.</p> <p>Two tenders were received, as follows:</p> <ol style="list-style-type: none"> <li>1. Tollestrup Construction for the amount of \$801,209.15</li> <li>2. South Rock Ltd for the amount of \$930,050.00</li> </ol> <p>Not included in the tenders was engineering costs of \$50,000, leaving a deficit of \$113,709.00 vs. budget.</p> <p>Part of this tender package was the sidewalk on 46<sup>th</sup> Avenue. On the June 23 Council meeting a delegation of businesses in the area informed Council of their concerns with the sidewalk location. Council asked Administration to meet with the land and business owners in the 46<sup>th</sup> Avenue area to discuss the proposed sidewalk, its alignment and alternatives and make a recommendation to Council based on that consultation.</p> <p>Without 46<sup>th</sup> Avenue the Tender results are as follows:</p> <ol style="list-style-type: none"> <li>1. Tollestrup Construction for the amount of \$727,399.15</li> <li>2. South Rock Ltd for the amount of \$838,145.00</li> </ol> <p>Not included in the tenders was engineering costs of \$50,000. If the budget of \$737,500.00 is reduced by the removal (postponement) of the 46 Ave sidewalk, the project deficit becomes \$114,899.15.</p>



<b>Council Request for Decision</b>	
<b>Meeting Date:</b> July 8, 2014	<b>Agenda Item:</b> 7.A)
<b>Subject:</b> 2014 Surface Works Tender Surface works includes concrete and asphalt replacement.	
<b>Attachment:</b>	2014 Surface Works Drawings
<b>Legislation / Authority:</b>	Repair of roads, public places and public works, Section 532
<b>Strategic Plan Alignment:</b>	Strengthen our infrastructure and services.
<b>Financial Implication:</b>	A budget allocation of \$737,500 was made this year. If the 46 Ave sidewalk is removed from the budget and tender sides, there is still a need for an additional \$114,899.15 from the capitol surplus account.
<b>Service Level / Staff Resource Implication:</b>	The service level will remain status quo.
<b>Recommendation:</b>	That Council approve award of the 2014 Surface Works tender, less Schedule A, to Tollestrup Construction for the amount of \$727,399.15, with the additional funds of \$114,899.15 to come from the capitol surplus account.
<b>Justification:</b>	Repair of roads and sidewalks is important for public safety, and it is not evident that doing this work in future will cost less than the price tendered this year.
<b>Alternative:</b>	<ol style="list-style-type: none"> <li>1. That Council approve award of the 2014 Surface Works tender, including Schedule A, to Tollestrup Construction for the amount of \$801,209.15, with the additional funds of \$113,709.00 to come from the capitol surplus account.</li> <li>2. That Council not approve award of the 2014 Surface Works tender and direct Administration to add the improvements to the capitol works tender in 2015.</li> </ol>



<b>APPROVALS:</b>	
<b>Originated By:</b>	Gary Scherer, Director of Engineering and Public Works
<b>Chief Administrative Officer (CAO):</b>	
	Date: July 4, 2014

THIS DRAWING IS FOR THE USE OF THE CLIENT AND PROJECT INDICATED - NO REPRESENTATIONS OF ANY KIND ARE MADE TO OTHER PARTIES



1 PLAN  
PROJECT SITE LOCATIONS NTS

P:\2014\3062\00\_2014\_Surface\_Working\_Dwg\100\_Civil\20143062-00-000.dwg  
DATE: 2014-05-20, Kristi Slickel

Sheet List Table

Sheet Number	Sheet Title	REVISION	DRAWING TITLE	DRAWING DESCRIPTION
GENERAL				
1	20143062-00-000	0	CIVIL	COVER PAGE AND DRAWING LIST
CIVIL				
2	20143062-00-100	0	CIVIL	SIDEWALK REPLACEMENT
3	20143062-00-101	0	PLAN	SIDEWALK REPLACEMENT
4	20143062-00-102	0	PLAN	SIDEWALK REPLACEMENT
5	20143062-00-103	0	PLAN	SIDEWALK REPLACEMENT
6	20143062-00-104	0	PLAN	SIDEWALK INSTALLATION AND REPLACEMENT
7	20143062-00-105	0	PLAN	ASPHALT OVERLAY
8	20143062-00-106	0	PLAN	ASPHALT OVERLAY
9	20143062-00-107	0	CIVIL	DETAILS
10	20143062-00-108	0	CIVIL	DETAILS

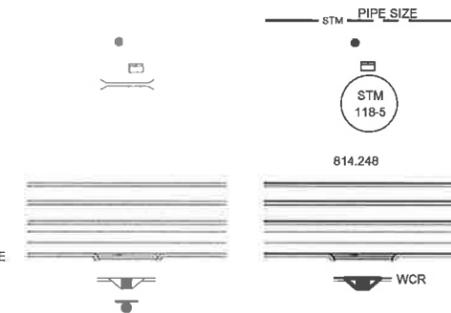
LEGEND

STORM SEWER

- STORM MAIN
- MANHOLES
- CATCH BASINS
- CULVERT
- STORM ID

ROAD

- ROAD - ELEVATIONS
- ROAD - CURB & GUTTER
- ROAD - MONOLITHIC SIDEWALK
- ROAD - SEPARATE SIDEWALK
- ROAD - CONCRETE/ASPHALT SWALE
- ROAD - WHEEL CHAIR RAMP
- ROAD - SIGN



GENERAL

DETAIL REFERENCE



DRAWING REFERENCE



GENERAL NOTES:

1. ALL EXISTING INFORMATION ON STRUCTURES, BURIED UNDERGROUND UTILITIES, & SERVICES IS BASED ON AVAILABLE RECORDS & IS SHOWN TO ASSIST THE CONTRACTOR & SHALL NOT BE CONSTRUED TO BE COMPLETE OR ACCURATE
2. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF THE LOCATION & ELEVATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
3. ALL ELEVATIONS & MEASUREMENTS INDICATED ARE IN METERS UNLESS NOTED OTHERWISE
4. ALL CONCRETE REMOVALS - LOCATION TO BE CONFIRMED IN THE FIELD BY THE ENGINEER PRIOR TO REMOVING.
5. VALVES AND MANHOLE COVERS THAT FALL WITHIN MILLING AREA TO BE ADJUSTED ACCORDINGLY.
6. CONTRACTOR RESPONSIBLE TO VERIFY DESIGN DIMENSIONS AND ELEVATIONS DURING LAYOUT SURVEY. REPORT ANY DISCREPANCIES TO ENGINEER.
7. UNLESS OTHERWISE INDICATED, MAXIMUM ALLOWANCE FOR EXISTING DRIVEWAYS AND CONCRETE TIE INS IS 1.0m BEYOND BACK OF CURB. MAXIMUM ACP REMOVAL FOR CURB REPLACEMENT IS 1.0m BEYOND EX LOG.
8. LANDSCAPE RESTORATION ON 50TH AVE TO BE PAID AS BID ITEM; ALL OTHERS ARE INCIDENTAL.
9. CONTRACTOR TO ENSURE POSITIVE DRAINAGE ON ALL CONCRETE REPLACEMENTS WHERE NOTED TO MATCH EXISTING ELEVATION AND SLOPE.
10. CONCRETE NOTED FOR REMOVAL TO BE DISPOSED OF AT THE TOWN OF TABER LANDFILL.
11. DESIGN STANDARDS AND PRODUCTS, AND CONSTRUCTION PROCEDURES SHALL CONFORM TO THE REQUIREMENTS OF THE LISTED DOCUMENTS IN THE FOLLOWING ORDER:
  - CONTRACT DRAWINGS AND SPECIFICATIONS
  - TOWN OF TABER DESIGN STANDARDS AND DETAILED ENGINEERING MATERIAL STANDARDS SECTION 4 - CONSTRUCTION SPECIFICATIONS
  - THE MOST CURRENT CITY OF LETHBRIDGE CONSTRUCTION SPECIFICATIONS.
8. INSTALLED CURB AND GUTTER TO BE LOW PROFILE ROLLED UNLESS OTHERWISE INDICATED.
12. TOWN OF TABER TRUCK ROUTES - 50ST AND 47 AVE, HWY 3
13. UPON COMPLETION OF ASPHALT REMOVAL, CONTRACTOR TO COORDINATE WITH THE ENGINEER FOR A PROOF ROLL OF THE EXISTING ROAD STRUCTURE TO IDENTIFY AREAS OF AUTHORIZED WASTE EXCAVATION.



2014 SURFACE WORKS

20143062-00

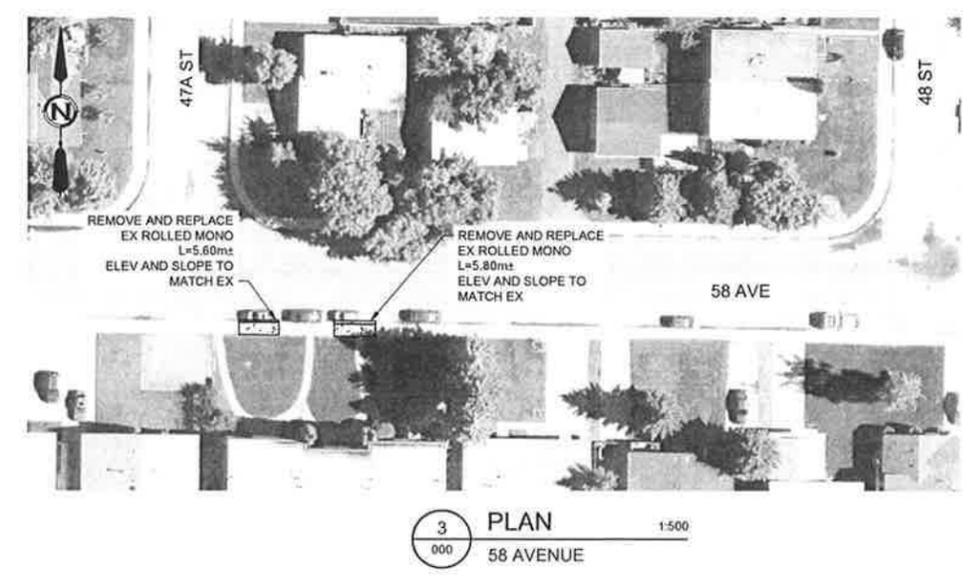
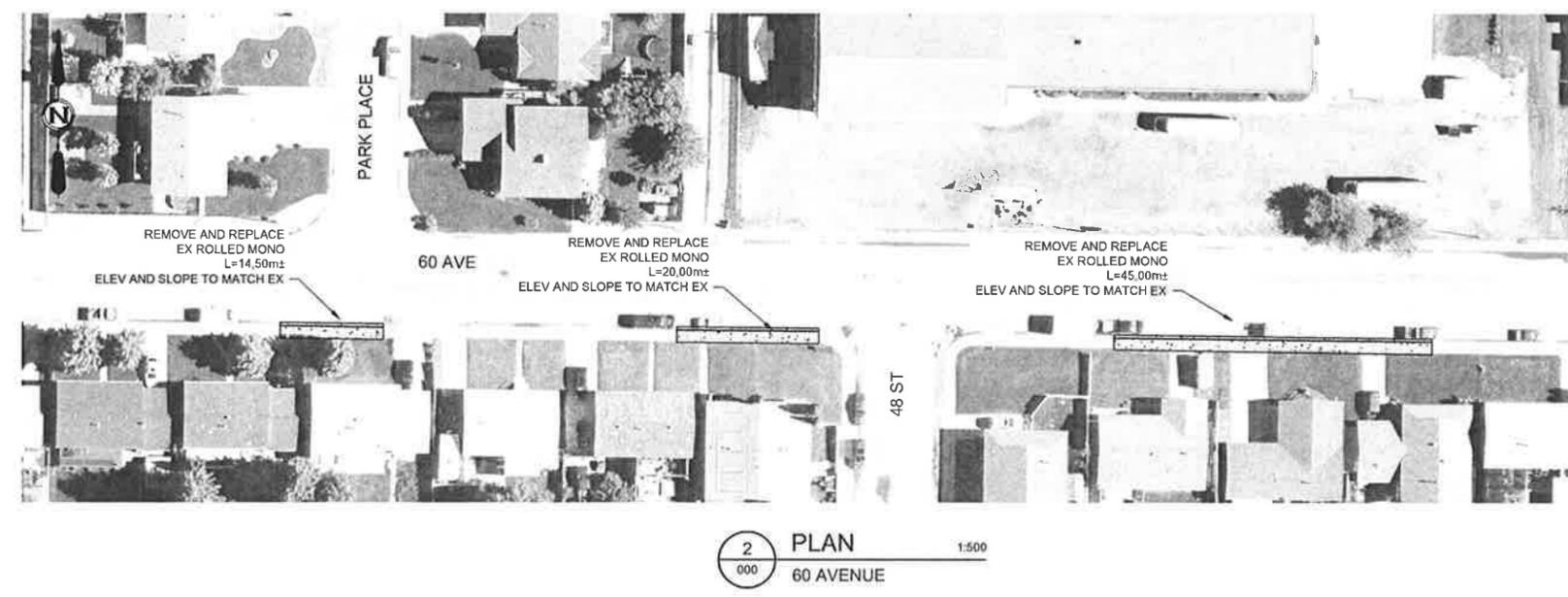
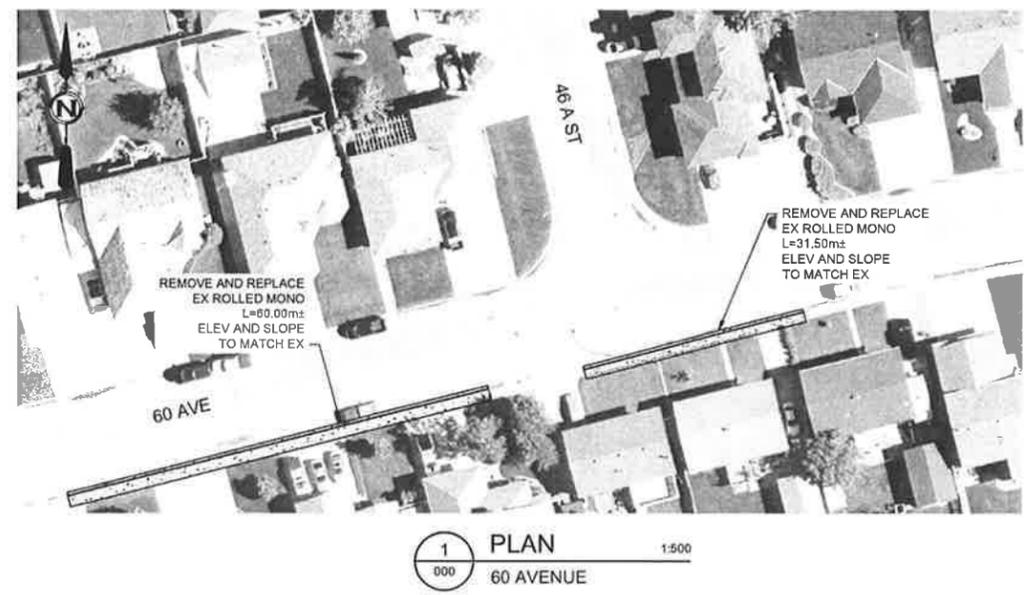


REV	DATE	DESIGN	DRAWN	DESCRIPTION
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DRAWING	REVISION	SHEET
20143062-00-000	0	1 / 10

IF NOT 90 mm ADJUST SCALES  
30 mm

SCALE(S) SHOWN ARE INTENDED FOR A(S) (1:2000) SIZE DRAWING(S). TABLE (1) (1) SIZE DRAWINGS ARE 1/4" OF SCALE(S) SHOWN UNLESS NOTED OTHERWISE



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PRELIMINARY FOR DISCUSSION  
NOT FOR CONSTRUCTION  
DRAFT

REV	DATE	DESIGN	DRAWN	DESCRIPTION
0	2014MAY21	N GREEN	K STICKEL BURKE	ISSUED FOR TENDER



2014 SURFACE WORKS

20143062-00

SCALE: AS SHOWN

CIVIL  
CIVIL  
SIDEWALK REPLACEMENT

DRAWING	REVISION	SHEET
20143062-00-100	0	2 / 10



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6	2014MAY21	N GREEN	K. STICKEL BURKE	ISSUED FOR TENDER
REV	DATE	DESIGN	DRAWN	DESCRIPTION



2014 SURFACE WORKS

20143062-00

SCALE: AS SHOWN

CIVIL  
PLAN  
SIDEWALK REPLACEMENT

DRAWING	REVISION	SHEET
20143062-00-101	0	3 / 10

IF NOT 50 mm ADJUST SCALES

SCALES SHOWN ARE INTENDED FOR A5 (D 220x343) SIZE DRAWINGS. TABLING (TEXT) SIZE DRAWINGS ARE 1/2 OF SCALE(S) SHOWN UNLESS NOTED OTHERWISE



REMOVE AND REPLACE  
EX ROLLED MONO  
L=15.00m  
ELEV AND SLOPE  
TO MATCH EX

1 PLAN 1:500  
000 45 ST

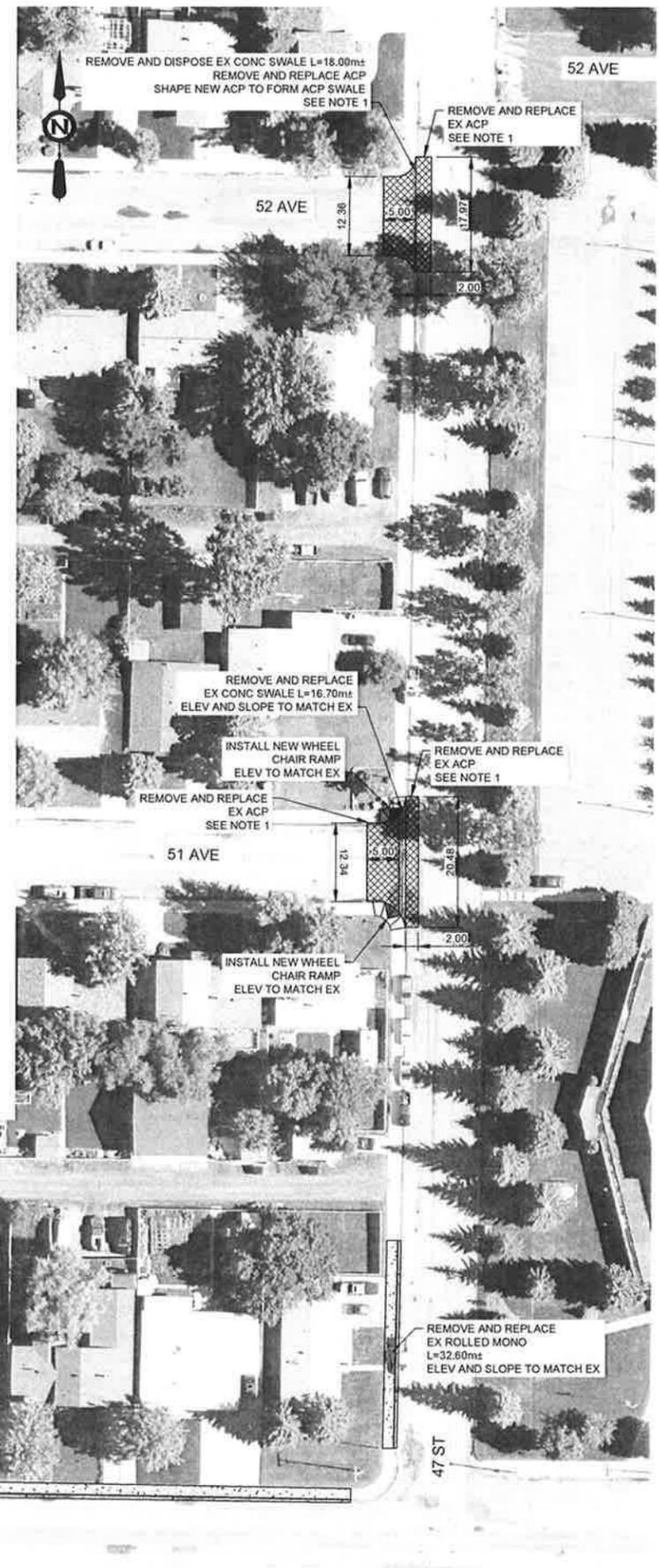
NOTES  
1. ENGINEER TO INSPECT EXISTING MATERIAL, SHOULD EXISTING MATERIAL BE UNSUITABLE, CONTRACTOR TO DISPOSE AND REPLACE WITH NEW GRANULARS AT THE DIRECTION OF THE ENGINEER.  
2. 50 AVE - LANDSCAPE RESTORATION A=300m<sup>2</sup>.



INSTALL NEW  
WHEEL CHAIR RAMP  
ELEV TO MATCH  
EX

REMOVE AND REPLACE EX  
ROLLED MONO  
L=37.00 ±  
ELEV AND SLOPE TO MATCH EX

2 PLAN 1:500  
000 55 AVE



REMOVE AND DISPOSE EX CONC SWALE L=18.00m ±  
REMOVE AND REPLACE ACP  
SHAPE NEW ACP TO FORM ACP SWALE  
SEE NOTE 1

REMOVE AND REPLACE  
EX ACP  
SEE NOTE 1

REMOVE AND REPLACE  
EX CONC SWALE L=16.70m ±  
ELEV AND SLOPE TO MATCH EX

INSTALL NEW WHEEL  
CHAIR RAMP  
ELEV TO MATCH EX

REMOVE AND REPLACE  
EX ACP  
SEE NOTE 1

REMOVE AND REPLACE  
EX ACP  
SEE NOTE 1

INSTALL NEW WHEEL  
CHAIR RAMP  
ELEV TO MATCH EX

REMOVE AND REPLACE  
EX ROLLED MONO  
L=32.60m ±  
ELEV AND SLOPE TO MATCH EX



INSTALL ECO WALL  
HEADLITE END  
TREATMENT AND BACKFILL  
SEE NOTE 2

4500 PVC  
L=6.00m

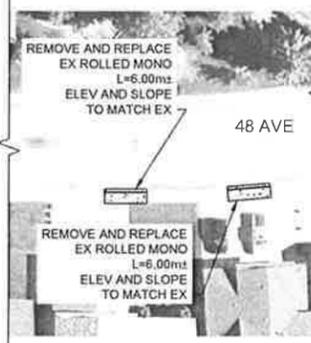
REMOVE AND REPLACE  
EX ROLLED MONO  
L=16.50m ±  
ELEV AND SLOPE TO MATCH EX

INSTALL CATCH BASIN MANHOLE  
ROUND SLOTTED TOP FRAME AND COVER  
ADJACENT TO CURB  
RIM  
INV

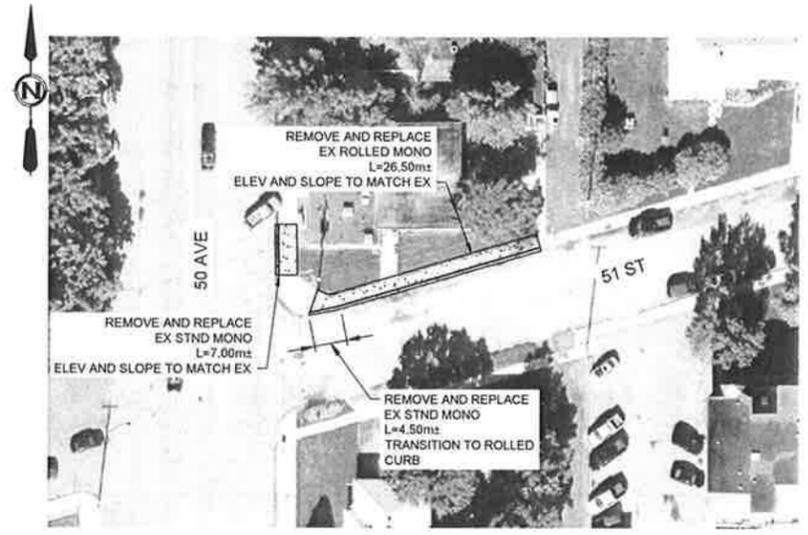
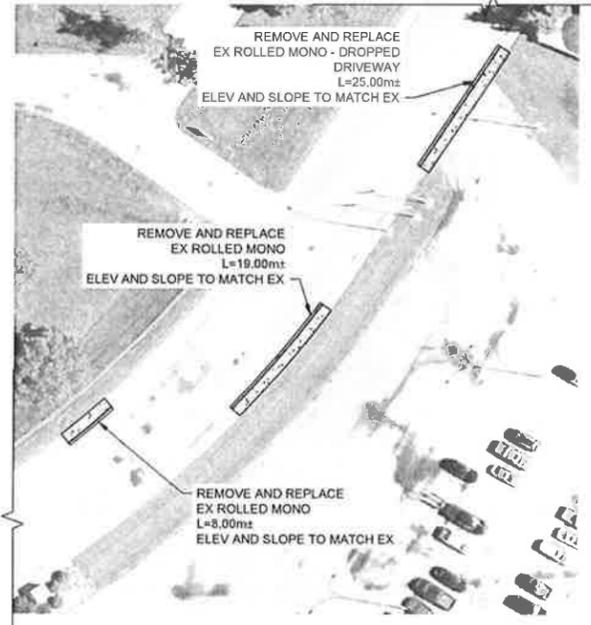
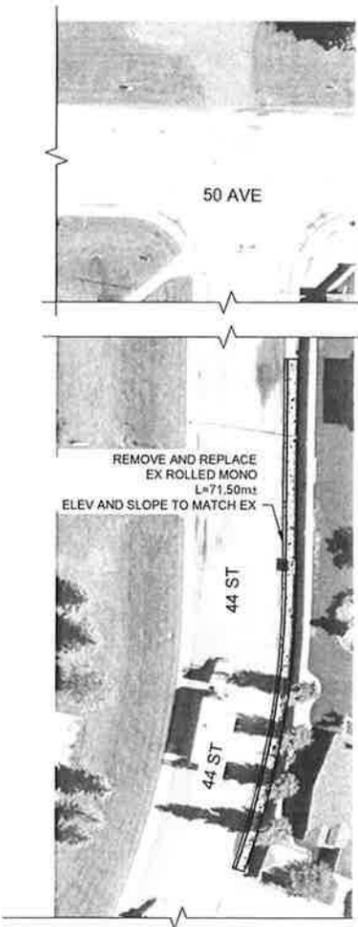
REMOVE AND REPLACE  
EX ROLLED MONO  
L=9.50m ±  
ELEV AND SLOPE TO MATCH EX

REMOVE AND REPLACE  
EX ROLLED MONO  
L=202.00m ±  
ELEV AND SLOPE TO MATCH EX  
SEE NOTE 2

3 PLAN 1:500  
000 50 AVE AND 47ST



1 PLAN 1:500  
000 42 ST, 48 AVE, AND 44 ST



2 PLAN 1:500  
000 51 ST



3 PLAN 1:500  
000 50 AVE



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REV	DATE	DESIGN	DRAWN	DESCRIPTION
0	2014MAY21	N GREEN	K STICKEL BURKE	ISSUED FOR TENDER



2014 SURFACE WORKS

20143062-00

SCALE: AS SHOWN

CIVIL  
PLAN  
SIDEWALK REPLACEMENT

DRAWING	REVISION	SHEET
20143062-00-102	0	4 / 10

NOTES  
 1. ENGINEER TO INSPECT EXISTING MATERIAL; SHOULD EXISTING MATERIAL BE UNSUITABLE, CONTRACTOR TO DISPOSE AND REPLACE WITH NEW GRANULARS AT THE DIRECTION OF THE ENGINEER.



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0	2014MAY21	N GREEN	K STICKEL BURKE	ISSUED FOR TENDER
REV	DATE	DESIGN	DRAWN	DESCRIPTION



2014 SURFACE WORKS

20143062-00

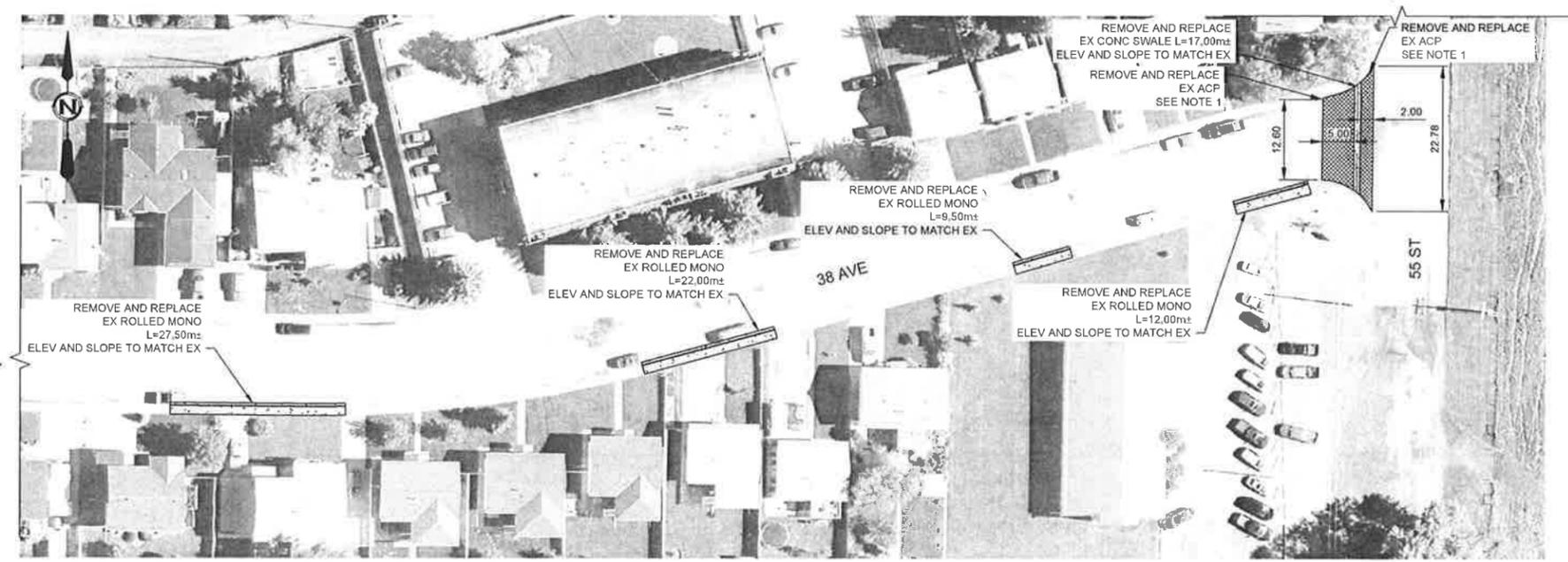
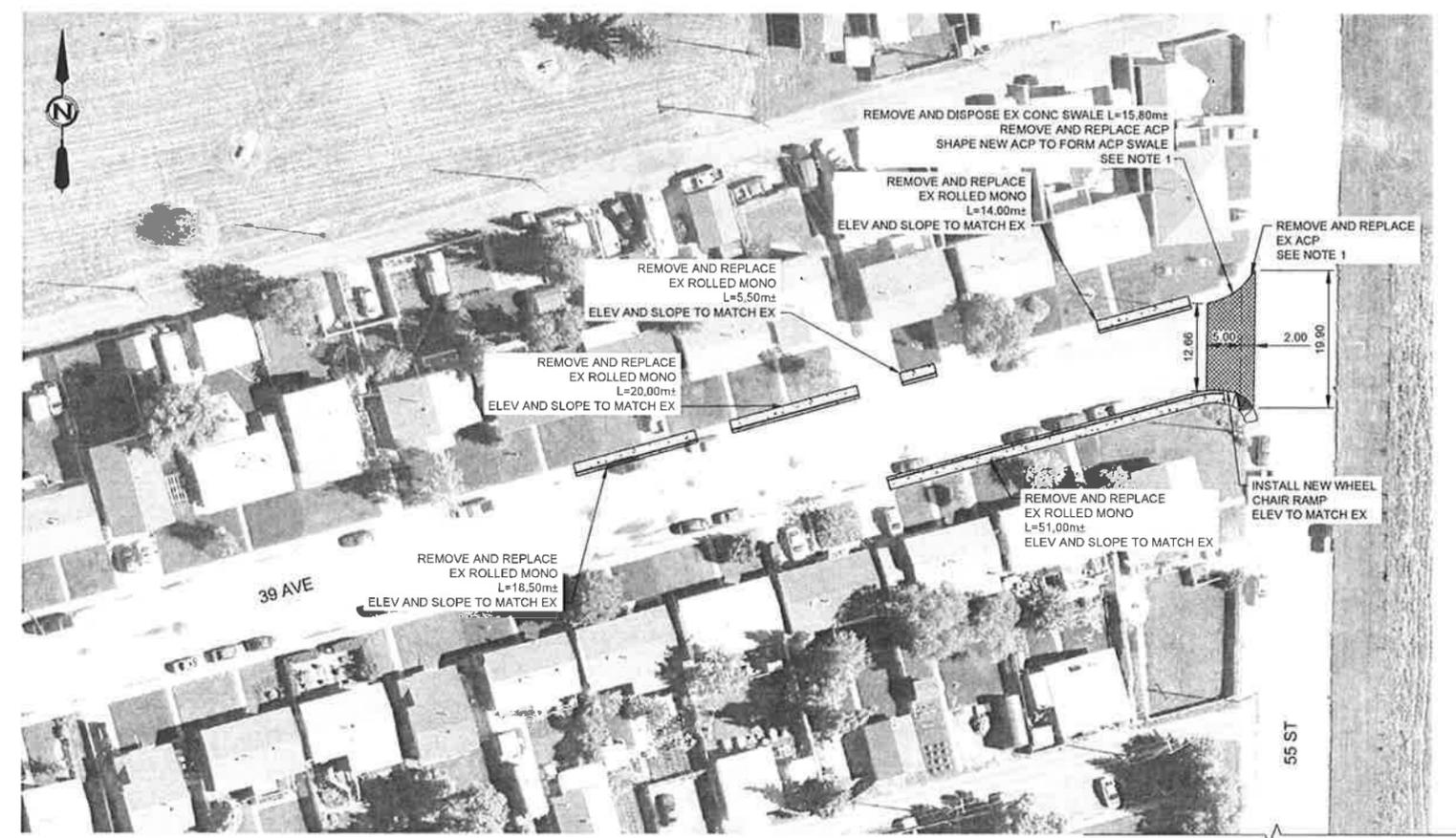
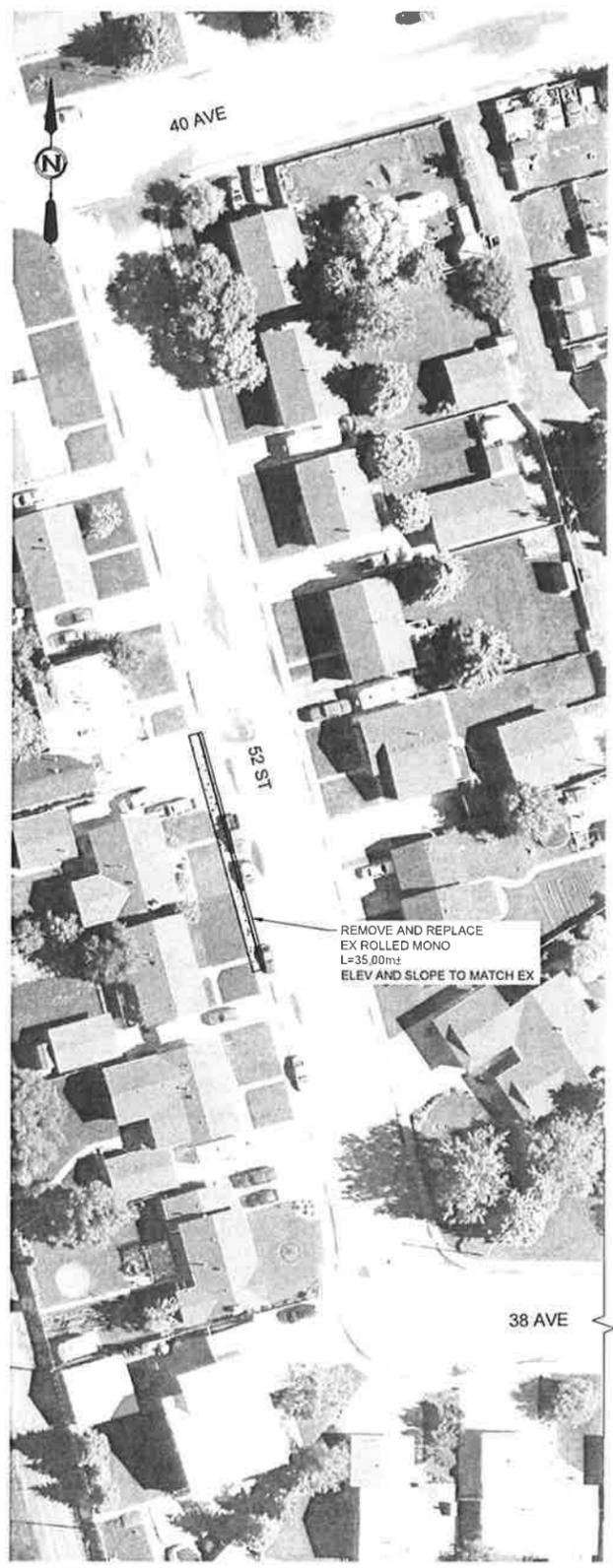
SCALE: AS SHOWN

CIVIL  
 PLAN  
 SIDEWALK REPLACEMENT

DRAWING	REVISION	SHEET
20143062-00-103	0	5 / 10

THIS DRAWING IS FOR THE USE OF THE CLIENT AND PROJECT INDICATED - NO REPRESENTATIONS OF ANY KIND ARE MADE TO OTHER PARTIES

SCALE(S) SHOWN ARE INTENDED FOR ANSI D (220x34) SIZE DRAWINGS. TABLED (1/4"X1/4") SIZE DRAWINGS ARE 1/2 OF SCALE(S) SHOWN UNLESS NOTED OTHERWISE.  
 IF NOT 50 mm ACQUIS. SCALE(S)  
 50 mm



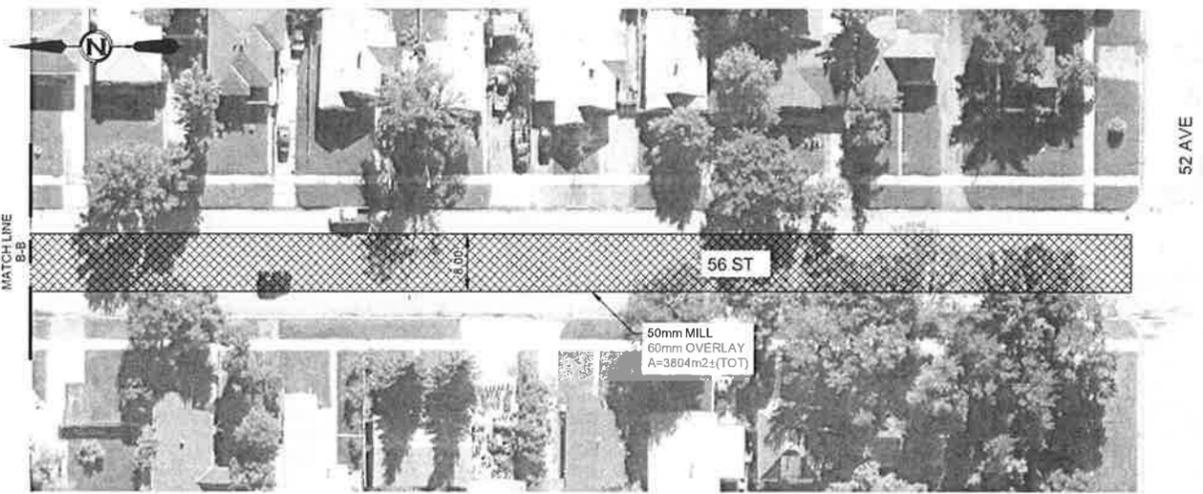
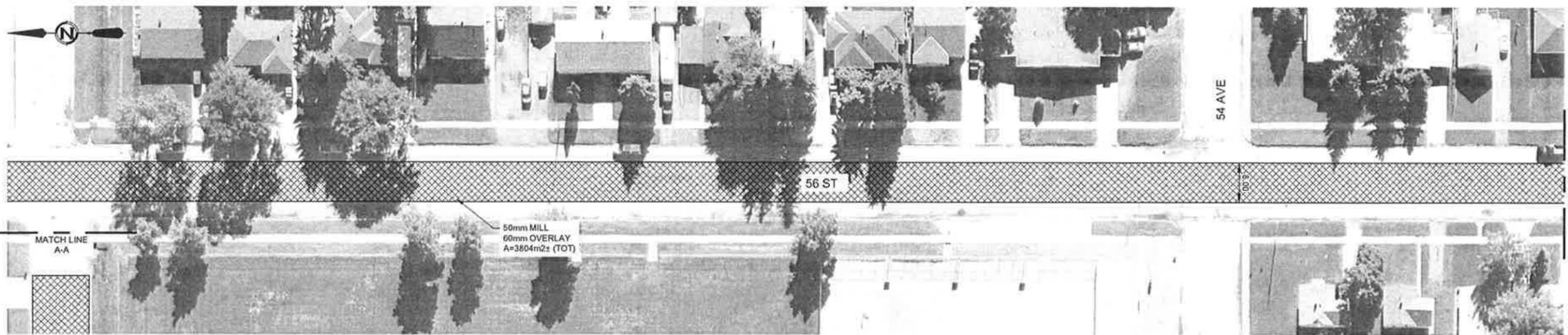
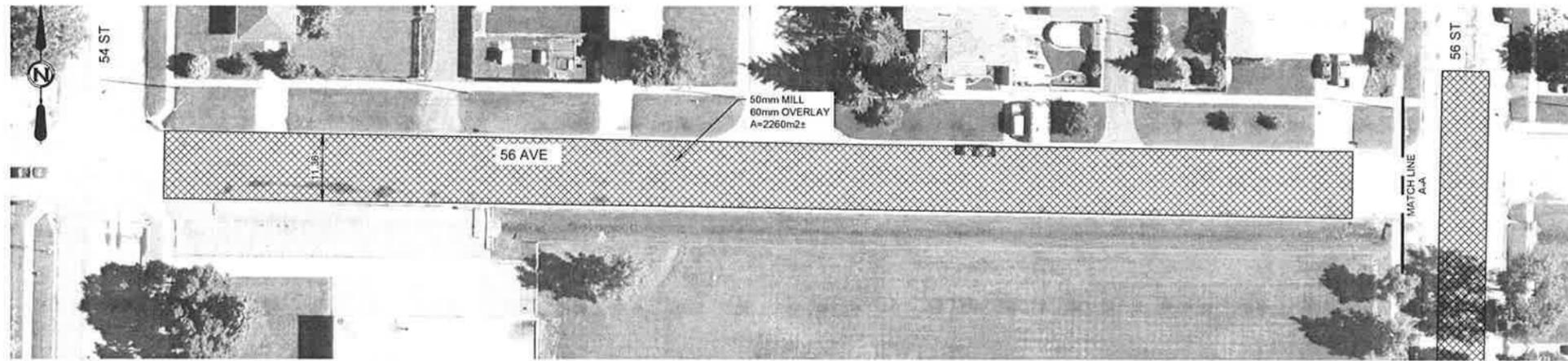
1 PLAN 1:500  
 000 52 ST, 38 AVE, AND 39 AVE

P:\2014\3062\00\_2014\_Surface\_SideWalk\Working\_Dwg\1100\_Civil\20143062-00-103.dwg  
 DATE: 2014-05-20 Krrill Stichel



IF NOT SHOWN, ADJUST SCALES

SCALE(S) SHOWN ARE INTENDED FOR ANSI D (22x34) SIZE DRAWINGS. TABLED (11x17) SIZE DRAWINGS ARE 1/2 OF SCALE(S) SHOWN UNLESS NOTED OTHERWISE.



1 PLAN 1:500  
000 56 AVE AND 56 ST



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PRELIMINARY  
FOR DISCUSSION  
NOT FOR CONSTRUCTION  
DRAFT

REV	DATE	DESIGN	DRAWN	DESCRIPTION
0	2012MAY21	N GREEN	K STICKEL BURKE	ISSUED FOR TENDER



2014 SURFACE WORKS

20143062-00

SCALE: AS SHOWN

CIVIL  
PLAN  
ASPHALT OVERLAY

DRAWING	REVISION	SHEET
20143062-00-105	0	7 / 10





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0	2014MAY21	N GREEN	K STICKEL BURKE	ISSUED FOR TENDER
REV	DATE	DESIGN	DRAWN	DESCRIPTION



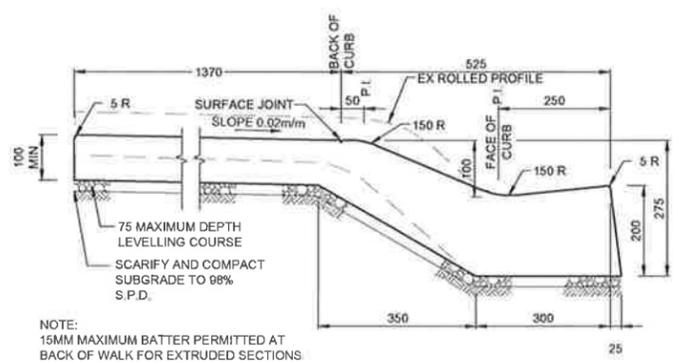
2014 SURFACE WORKS

20143062-00

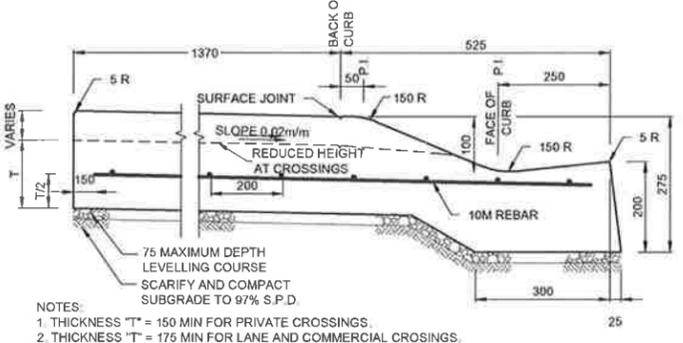
SCALE: NTS

CIVIL  
CIVIL  
DETAILS

DRAWING	REVISION	SHEET
20143062-00-107	0	9 / 10

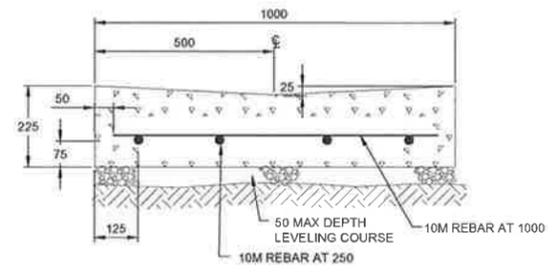


TYPICAL SECTION



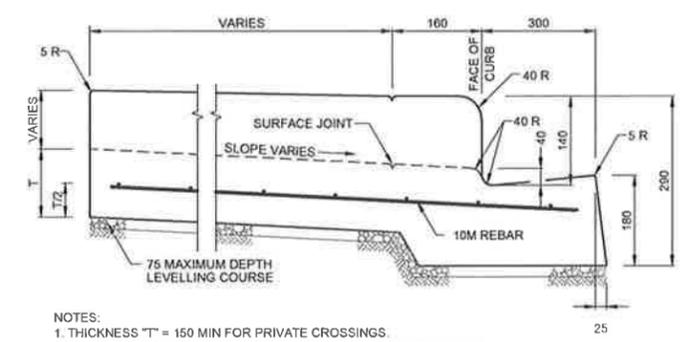
SECTION AT CROSSING

1 DETAIL NTS  
ROLLED CURB  
MONOLITHIC SIDEWALK



- NOTES:
- C/L SWALE TO MATCH GUTTER ELEVATION AT UPSTREAM END. LOWER GUTTER LIP TO MEET SWALE EDGE.
  - SWALE EDGE TO MATCH GUTTER ELEVATION IN DOWNSTREAM END. LOWER GUTTER LIP TO MATCH C/L OF SWALE.
  - EXPANSION JOINTS TO BE CONSTRUCTED AT ENDS OF SWALE WHERE SWALE ABUTS GUTTERS.
  - CONTRACTION JOINTS 50 DEEP AND 5 WIDE TO BE CONSTRUCTED 3000 O/C ALONG SWALE.
  - CROWN OF ROAD TO BE TAPERED, STARTING 15000 FROM SWALE TO PROVIDE SMOOTH VEHICULAR CROSSING OF SWALE
  - ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.

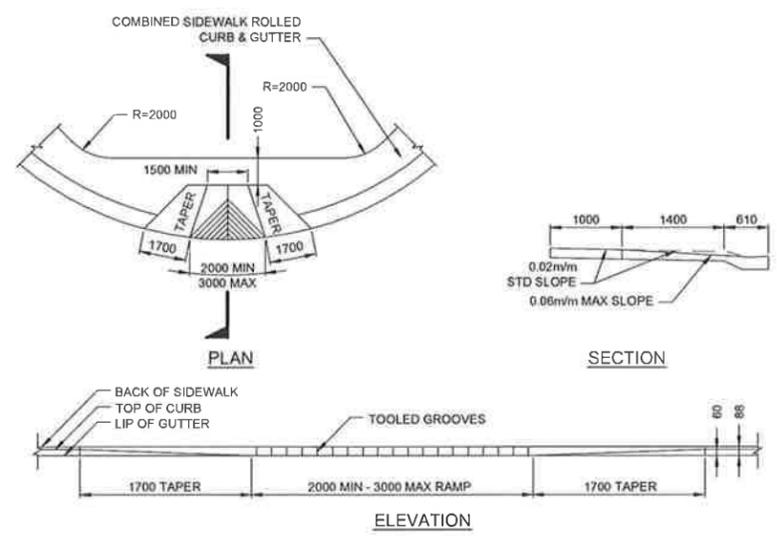
3 DETAIL NTS  
CONCRETE SWALE



SECTION AT CROSSING

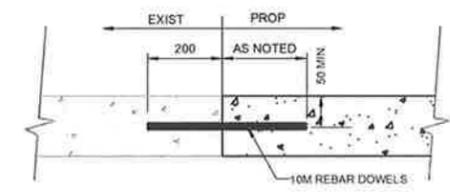
- NOTES:
- THICKNESS "T" = 150 MIN FOR PRIVATE CROSSINGS
  - THICKNESS "T" = 175 MIN FOR LANE AND COMMERCIAL CROSSINGS.
  - 0.08m/m MAX CROSS SLOPE FOR PRIVATE CROSSINGS.
  - 0.04m/m MAX CROSS SLOPE FOR LANE AND COMMERCIAL CROSSINGS.
  - DEPRESSION AT BACK OF WALK VARIES DEPENDING ON SIDEWALK WIDTH AND TYPE OF CROSSING.

2 DETAIL NTS  
STANDARD MONOLITHIC SIDEWALK  
CURB AND GUTTER



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
  - RAMPS FOR USERS OF WHEELCHAIRS/BICYCLES SHOULD BE LOCATED AT ALL JUNCTIONS OF CROSSWALKS & SIDEWALKS. RAMPS MUST BE LOCATED WITHIN A CROSSWALK.
  - WHERE CROSSWALKS ARE CONTROLLED BY SIGNALS WITH A PUSH-BUTTON SYSTEM, THE SIDEWALKS & RAMPS MUST ALLOW ACCESS BY WHEELCHAIR TO THE PUSH-BUTTON.
  - GROOVES ON SIDEWALK RAMPS ARE TO ALERT PERSONS WHO ARE VISUALLY IMPAIRED OF THE CURB-CUT & A STREET CROSSING.
  - TOOLED GROOVES 5mm WIDE X 10mm DEEP, BROOM FINISH, GROOVE SPACING 150mm O.C. ADJACENT TO CURB.
  - GROOVES TO BE IN DIRECTION OF TRAVEL.
  - SIDEWALK & RAMPS TO BE POURED MONOLITHICALLY.
  - PROVIDE 1.0m WIDENING FROM BACK OF RAMP.

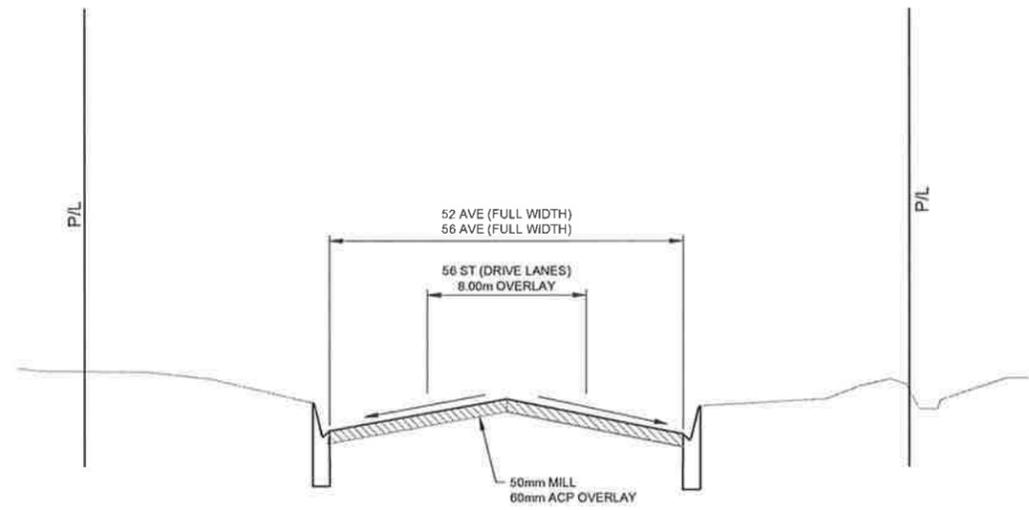
5 DETAIL NTS  
WHEEL CHAIR RAMP



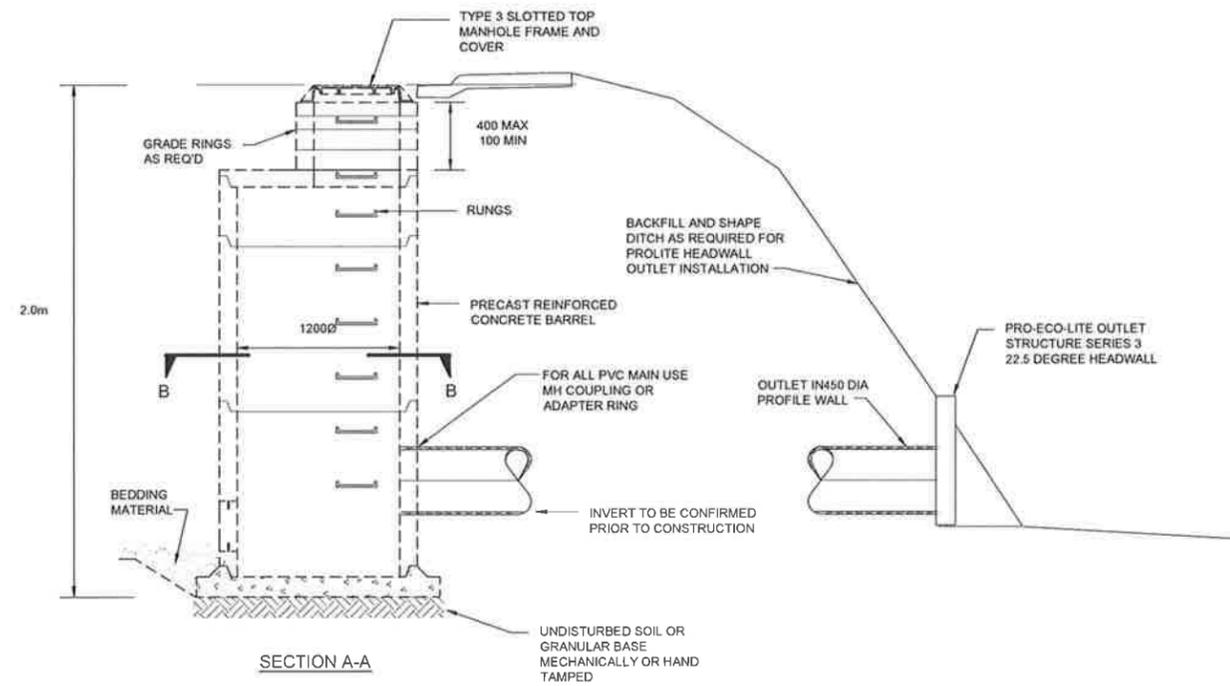
- NOTES:
- DOWELING TYPICAL FOR ALL NEW TO EXISTING CONCRETE TIE-INS.
  - DOWELS FOR SIDEWALK TIE-INS TO BE A MINIMUM 150mm FROM CONCRETE EDGE.
  - DOWEL SPACING FOR SIDEWALK TIE-INS TO BE 300mm O.C.
  - DOWEL LENGTH FOR SIDEWALK TO BE 630mm
  - DOWEL LENGTH FOR CURB AND GUTTER TO BE 500mm
  - DIMENSIONS IN MILLIMETERS

4 DETAIL NTS  
TYPICAL CONCRETE TIE-IN

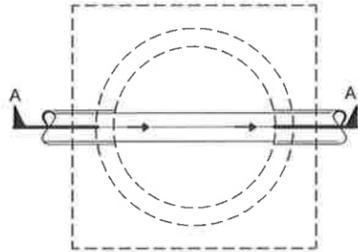
IF NOT 50 mm ADJUST SCALES  
 SCALES(S) SHOWN ARE INTENDED FOR A85 D (270x4) SIZE DRAWINGS, TABLOID (11x17) SIZE DRAWINGS ARE 1/2 OF SCALES(S) SHOWN UNLESS NOTED OTHERWISE



1 DETAIL NTS  
ASPHALT OVERLAY



SECTION A-A



SECTION B-B

- NOTES:
1. PRECAST RINGS, CONES AND BARRELS TO MEET CURRENT A.S.T.M. C478 STANDARDS.
  2. POURED IN PLACE CONCRETE TO BE 25 MPa AT 28 DAYS.
  3. FOR MANHOLES OVER 4.8m IN DEPTH THE BASE SHALL BE REINFORCED WITH 13Ø REBAR AT 250 CENTRE EACH WAY.
  4. SAFETY STEPS TO BE SPACED AT 400 MAX.
  5. ALL JOINTS TO BE SET IN MORTAR.
  6. CHANNELLING AND BENCHING TO BE FINISHED TO TROWEL SMOOTHNESS.
  7. MINIMUM 150 CONCRETE BASE TO BE CONSTRUCTED ON COMPACTED GRANULAR MATERIAL OR UNDISTURBED NATIVE MATERIAL.
  8. COMPACT BACKFILL AROUND MANHOLES TO A MINIMUM OF 97% STANDARD PROCTOR DENSITY.

2 DETAIL NTS  
CATCH BASIN MANHOLE

PROFESSIONAL LICENSEE (ENGINEER)  
DARRYL B. SONNEN  
MAY 21/14

APEGA Permit to Practice P 3979

REV	DATE	DESIGN	DRAWN	DESCRIPTION
0	2014MAY21	N GREEN	R STICKEL BURKE	ISSUED FOR TENDER



2014 SURFACE WORKS

20143062-00

SCALE: AS SHOWN

CIVIL  
CIVIL  
DETAILS

DRAWING	REVISION	SHEET
20143062-00-108	0	10 / 10