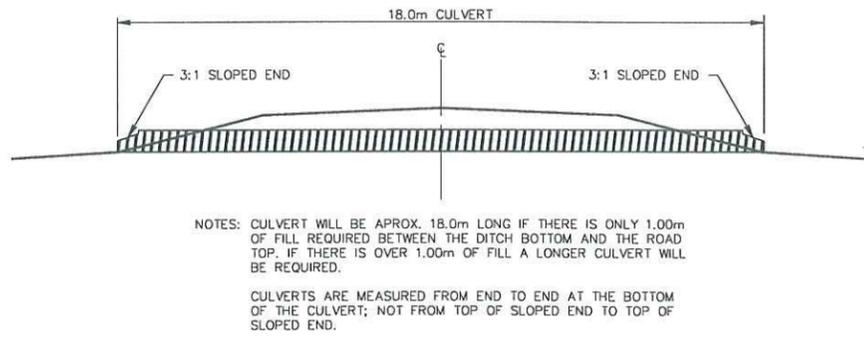
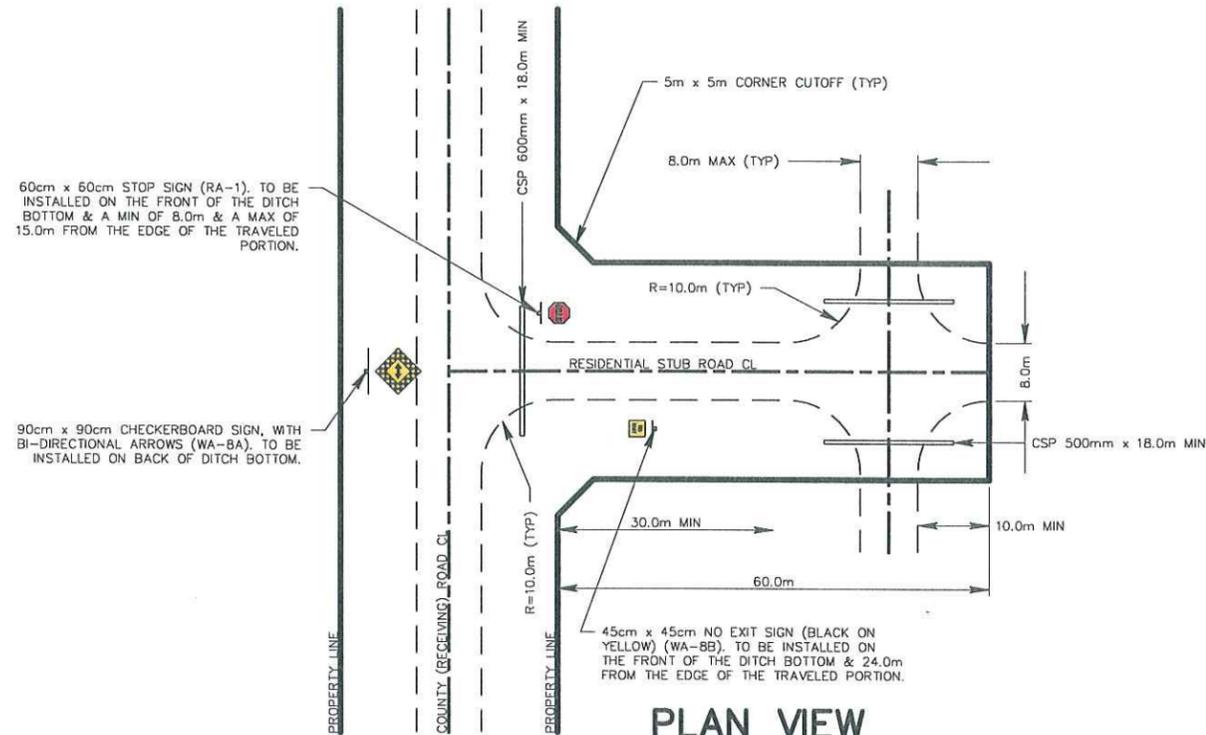


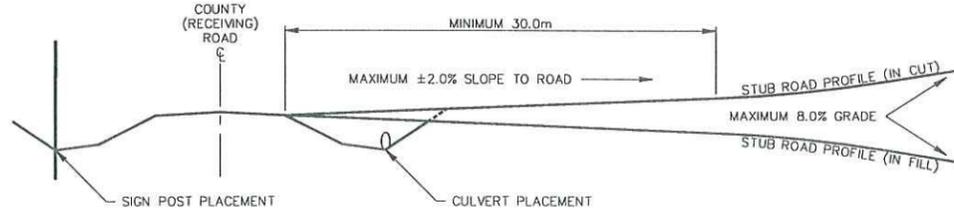
THIS DRAWING IS FOR TYPICAL 1.00m FILL CONDITIONS
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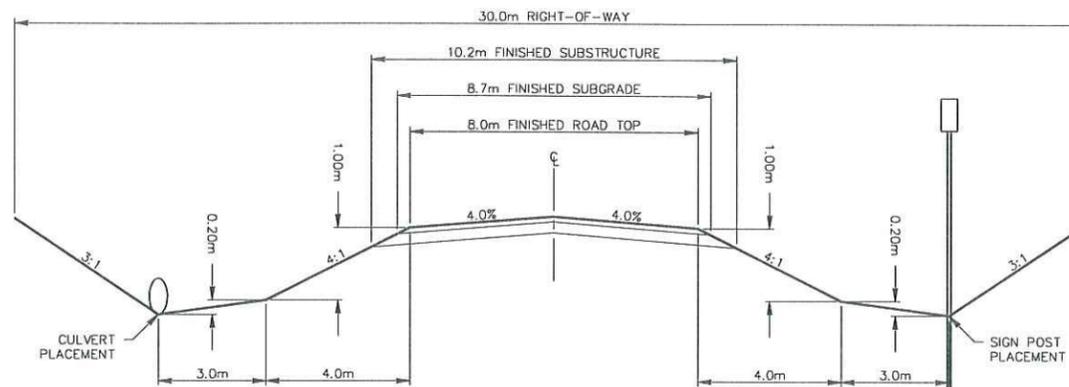
CULVERT DETAIL
SCALE: 1:500



PLAN VIEW
SCALE: 1:1000



RESIDENTIAL STUB ROAD PROFILE
SCALE: HORZ 1:2000
VERT 1:1000



RESIDENTIAL STUB ROAD TYPICAL
SCALE: HORZ 1:500
VERT 1:250

CONSTRUCTION NOTES:

CONTACT 'ALBERTA ONE-CALL' FOR LINE LOCATES AT: 1-800-242-3447.

IF THE COUNTY (RECEIVING) ROAD IS PAVED THE STUB ROAD REQUIRES THE SAME ROAD TOP SURFACING THROUGH THE THROAT OF THE RESIDENTIAL STUB ROAD TO THE COUNTY (RECEIVING) ROAD PROPERTY LINE.

NO ENTRANCES CLOSER THAN 30.0m FROM THE COUNTY (RECEIVING) ROAD R/W AND NO CLOSER THAN 10.0m FROM THE END OF THE RESIDENTIAL STUB ROAD R/W; THIS IS REQUIRED TO ENABLE LARGE VEHICLES TO TURN AROUND.

MAXIMUM ±2.0% GRADE FOR 30.0m APPROACHING THE COUNTY (RECEIVING) ROAD.

REMOVED TOPSOIL FROM THE PROPOSED ROAD SURFACE IS NOT PART OF THE SUBGRADE.

CULVERTS ALONG COUNTY (RECEIVING) ROADS TO BE MINIMUM OF 600mm DIAMETER; ALL OTHER CULVERTS TO BE A MINIMUM OF 500mm DIAMETER WITH 0.50m OF DIRT COVER.

CUT CULVERT END(S) NEED TO BE TAPERED AT A 3:1 SLOPE AND RUST INHIBITING TREATMENT APPLIED TO CUT END(S).

SUBGRADE TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY; TOP 150mm SUBGRADE TO BE COMPACTED TO 100% STANDARD PROCTOR DENSITY.

ALL ENTRANCES TO BE GRAVELLED TO THE RESIDENTIAL STUB ROAD R/W.

GRAVEL TICKETS WILL BE REQUIRED.

ALL REQUIRED SIGNS TO BE MOUNTED ON 100mm x 100mm PRESSURE TREATED POSTS. SIGNS TO BE INSTALLED 1.2m ABOVE THE CL OF THE ROAD.

SIGNS ARE TO BE CONSTRUCTED OUT OF 2mm ALUMINIUM WITH 3M DIAMOND GRADE OR EQUIVALENT SHEETING.

REQUIRED SEEDING IS 'CREEPING RED FESCUE' 98.25% PURE SEED.

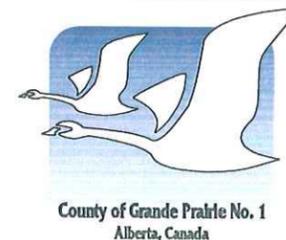
| Y | N | CHECKLIST |
|--|---|---|
| | | GRAVEL TICKETS (TOTTALLING APOX. 81 TON) |
| | | CULVERT(S) - LENGTH(S) IN m: |
| | | HARROWED |
| | | SEEDED (CREEPING RED FESCUE) |
| SIGNS (DIAMOND GRADE OR EQUIVALENT) | | |
| | | 60mm x 60mm 'STOP' SIGN (RA-1) |
| | | 45mm x 45mm 'NO EXIT' BLACK ON YELLOW (WA-8B) |
| | | 90mm x 90mm CHECKERBOARD (WA-8A) |
| APPROACHES/ENTRANCES | | |
| | | GRAVEL(LED) |
| | | CULVERT(S) |
| | | 1. APOX. 14 TON |
| | | 2. APOX 14 TON |

NOTES:

THESE STANDARDS ARE MINIMUM TYPICAL CONDITIONS. SEE 'COUNTY DESIGN STANDARDS' MANUAL FOR COMPLETE DETAILS.

THIS DRAWING IS TO REFLECT ANY CHANGES THAT ARE AGREED TO BY THE ROAD FORMAN. ALL CHANGES ARE TO BE DATED AND SIGNED BY THE ROAD FORMAN. ONCE THE ROAD FORMAN HAS SIGNED & DATED THE 'FINAL COMPLETION' THE DRAWING IS TO BE RETURNED TO THE 'PLANNING' DEPARTMENT.

ANY QUESTIONS CAN BE DIRECTED TO THE COUNTY OF GRANDE PRAIRIE 'PUBLIC WORKS' DEPARTMENT AT: (780) 532-7393.



COUNTY of GRANDE PRAIRIE No. 1

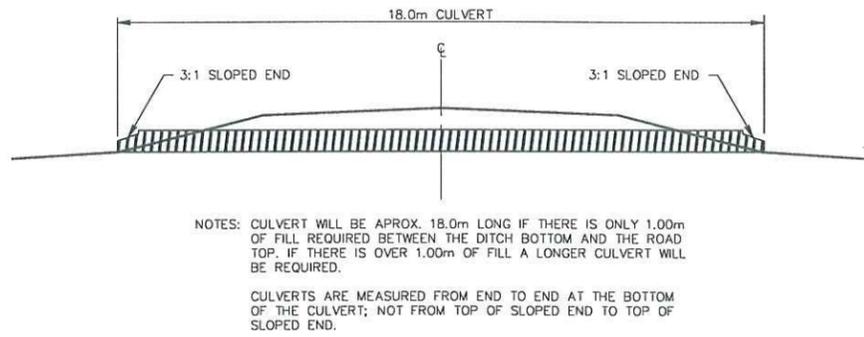
60.0m RESIDENTIAL STUB ROAD ACCESS

FINAL COMPLETION - ROAD FORMAN: _____ DATE: _____

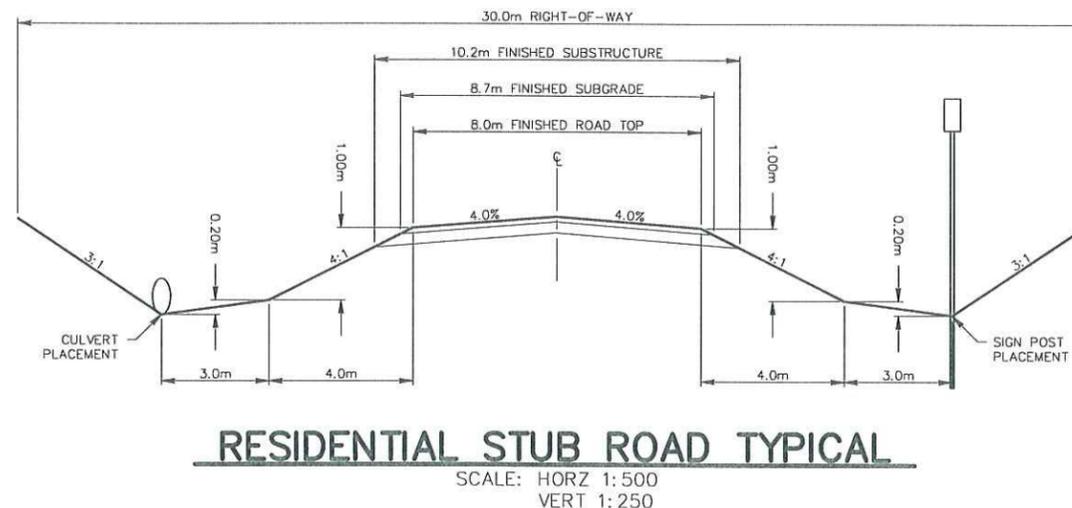
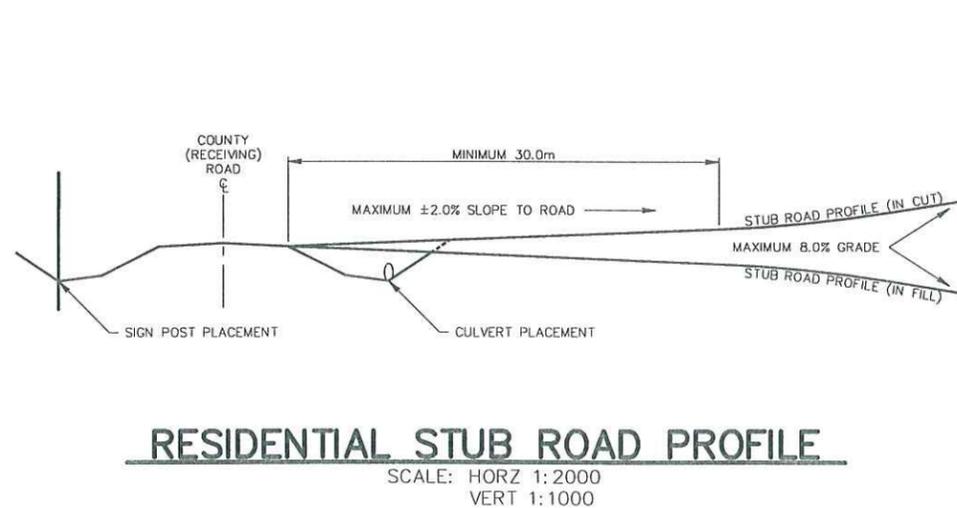
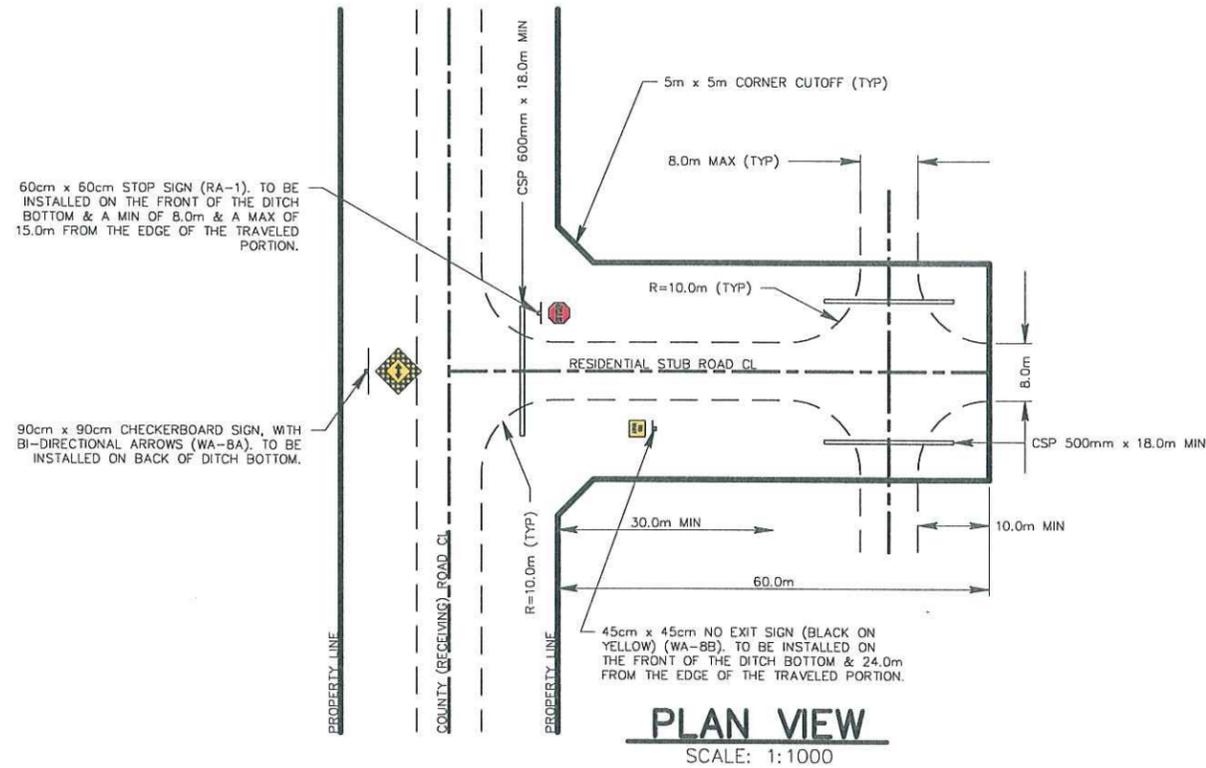
FINAL COMPLETION - PLANNING: _____ DATE: _____

| | | | |
|------------------|------------------|----------|---------------------|
| DATE: 2007-12-06 | DRAWN BY: S.A.K. | APPROVED | DRAWING NO.: 1 OF 1 |
| SCALE: AS SHOWN | CHECKED BY: D.B. | | |

THIS DRAWING IS FOR TYPICAL 1.00m FILL CONDITIONS
(SPECIFICATIONS WILL VARY BY LOCATION)



CULVERT DETAIL
SCALE: 1:500



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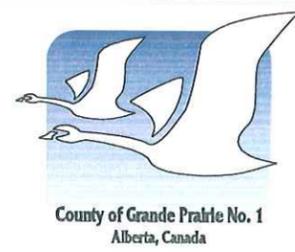
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COUNTY of GRANDE PRAIRIE No. 1

60.0m RESIDENTIAL STUB ROAD ACCESS

FINAL COMPLETION - ROAD FORMAN: _____ DATE: _____

FINAL COMPLETION - PLANNING: _____ DATE: _____

| | | | |
|------------------|------------------|----------|--------------------|
| DATE: 2007-12-06 | DRAWN BY: S.A.K. | APPROVED | DRAWING NO: 1 OF 1 |
| SCALE: AS SHOWN | CHECKED BY: D.B. | | |