

RECORD DRAWING

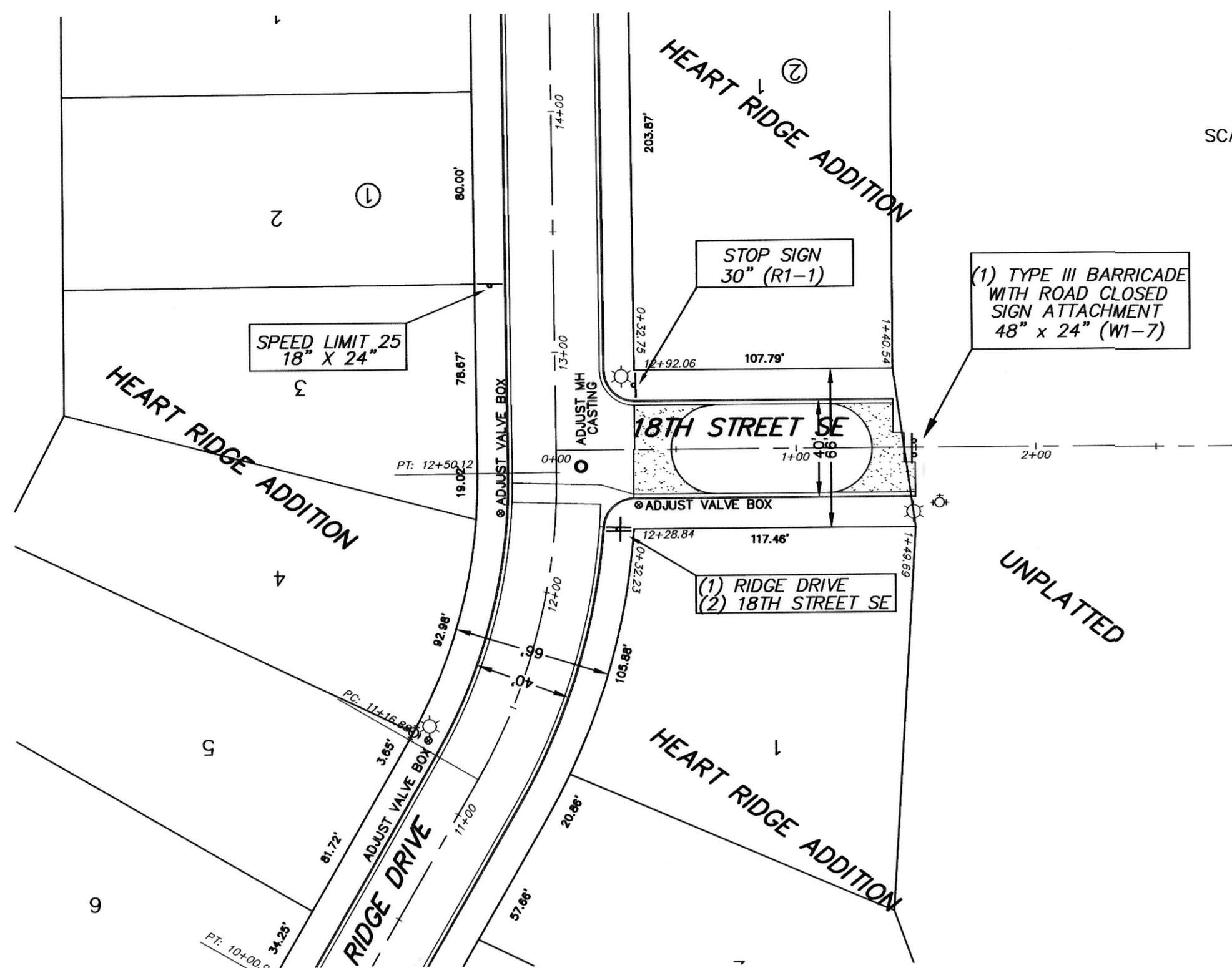
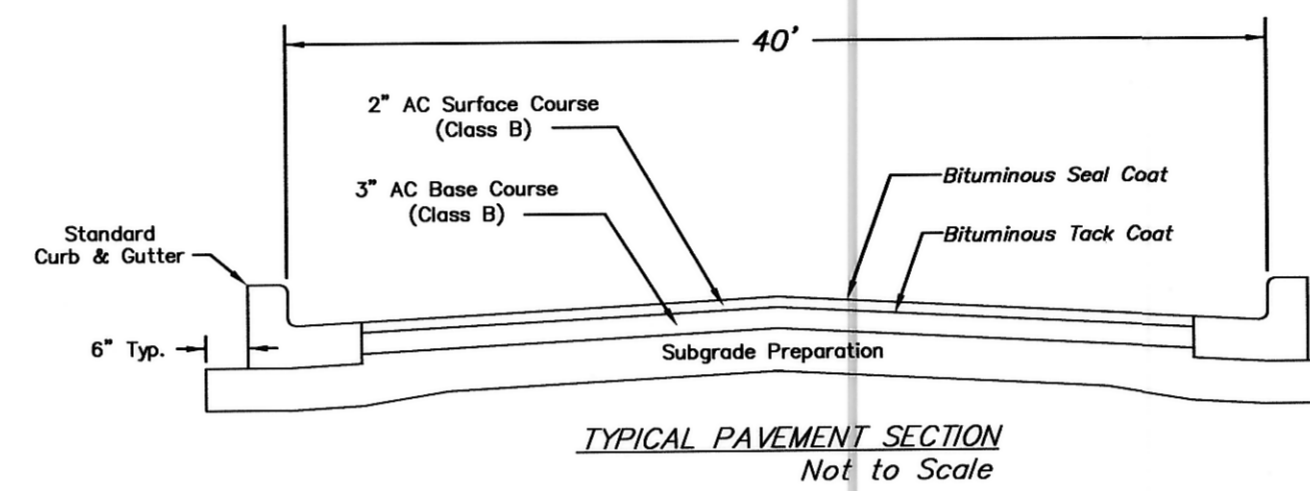
JANUARY 24, 2013

GENERAL CONTRACTOR: NORTHERN IMPROVEMENT CO.

CONSTRUCTION NOTES (ALL SHEETS)

- GRADE, SHAPE AND COMPACT SUBGRADE FOR CURB & GUTTER, STREET AND RIGHT OF WAY CONSTRUCTION.
- EXCESS SOILS EXCAVATED DURING THE GRADING STAGE SHALL BE EVENLY SPREAD IN THE RIGHT OF WAY, BEHIND THE FUTURE CURB & GUTTER OR ON THE LOTS IF DIRECTED BY THE ENGINEER. THE BOULEVARD SHALL BE GRADED PER THE STREET CROSS SECTION AND FOR PLACEMENT OF 4" OF TOPSOIL IN THE BOULEVARDS.
- CONSTRUCT CONCRETE ITEMS PER DETAILS. AFTER THE CURB AND GUTTER HAS GAINED SUFFICIENT STRENGTH, SOILS SHALL BE BACKFILLED AND COMPACTED AGAINST THE CURB AS SOON AS POSSIBLE. CONSTRUCT 1/2" EXPANSION JOINTS ON THE ENDS OF ALL CURBS WITH RADI LESS THAN 25". ALL WORK INCLUDING BACKFILLING SHALL BE CONSIDERED INCIDENTAL TO THE "STANDARD CURB & GUTTER" BID ITEM.
- THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL SURVEY MONUMENTS AND CONSTRUCTION STAKES. MONUMENTS AND CONSTRUCTION STAKES DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE BY A REGISTERED SURVEYOR. MONUMENTS ARE LOCATED ON THE RIGHT OF WAY CURVATURE POINTS AND BLOCK CORNERS.
- CURB DROPS FOR DRIVEWAYS MAY BE CONSTRUCTED DURING CONSTRUCTION OF THE CONCRETE CURB & GUTTER. THE EXACT LOCATION OF CURB DROPS FOR DRIVEWAYS IS NOT CURRENTLY KNOWN. DROP CURB SHALL BE CONSIDERED STANDARD CURB & GUTTER FOR MEASUREMENT AND PAYMENT.
- THE CONTRACTOR SHALL GRADE, TOPSOIL SEED AND MULCH THE ENTIRE BOULEVARD TO FINISHED GRADE. THE CONTRACTOR SHALL PROVIDE A 3:1 TRANSITION TO MATCH INTO THE EXISTING GROUND OUTSIDE OF THE RIGHT OF WAY. ALL CURB STOPS SHALL BE ADJUSTED TO FINAL GRADE INCIDENTAL TO THE "4" TOPSOILING" BID ITEM.

SCALE - 1"=50'
NGVD 29



Begin Curb & Gutter, Asphalt
Sta. 0+32.75 Lt.
Sta. 0+32.23 Rt.

End Curb & Gutter, Asphalt
Sta. 1+40.54 Lt.
Sta. 1+49.69 Rt.

APPROXIMATE QUANTITIES

4,153 SF STREET PAVING

ITEMS	QUANTITY
GRADING ITEMS	
Grading	1 LS
Watering	1.5 MGal
Subgrade Preparation (1.0' Deep)	231 SY
Subgrade Preparation (1.5' Deep)	312 SY
4" Topsoiling	312 SY
Seeding (Class IV)	312 SY
Mulching (Straw)	312 SY
ASPHALT ITEMS	
3" AC Base Course (Class B)	77 Ton
2" AC Surface Course (Class B)	51 Ton
Bituminous Tack Coat	55 Gal
Bituminous Seal Course	462 SY
Blotter Sand	1 Ton
CONCRETE ITEMS	
Standard Curb & Gutter	225 LF
MISCELLANEOUS ITEMS	
Adjust Valve Box in Unpaved Area	1 EA
Erosion Control	1 LS
Signage	1 LS



18TH STREET SE
FROM RIDGE DRIVE TO
150' WEST OF RIDGE DRIVE

STREET IMPROVEMENT DISTRICT 161 AREA C
PROJECT 2011-09
SHEET NO. 3 OF 5
MANDAN, ND

DESIGN
ENGINEER'S STAMP

JANUARY 16, 2012

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00