Information for File #2014-00131-ADB

Applicant **Anoka County Highway Department**

Corps Contact Andy Beaudet

Address Corps of Engineers, St. Paul District (OP-R)

180 5th Street E, suite 700, St Paul, MN 55101-1678

E-Mail Andrew.D.Beaudet@usace.army.mil

Phone (651) 290-5642

Primary County **Anoka**

Section 23

Township 32N

Range 25W

Information Complete On January 15, 2014

Posting Expires On February 28, 2014

Authorization Type MN-LOP-05

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. Any approved jurisdictional determination made prior to reaching a permit decision will be posted on the St. Paul District web page at http://www.mvp.usace.army.mil/.

PROJECT DESCRIPTION AND PURPOSE: The Anoka County Highway Department is proposing to reconfigure the intersection of Nowthen Boulevard (County State Aid Highway 5) and Alpine Drive NW. The existing intersection is controlled by all way street stop signs which effectively reduced the crash rate, but cause significant traffic delays. The proposed project includes the installation of a traffic signal, construction of dedicated left and right-turn lanes, raised median channelization on Nowthen Boulevard, removal of the Old County Road 5 intersection at Nowthen

Boulevard, construction of a bypass lane on southbound Nowthen Boulevard and construction of a storm water retention pond west of Nowthen Boulevard.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: The wetland community impacted consists of 0.94 acres of Shallow Marsh (Type 3) wetland.

COMPENSATORY MITIGATION: The applicant would provide compensatory mitigation at a 2 to 1 ratio by debiting 1.88 acres of credit from the BWSR Road Replacement Program for the wetland impacts associated with the new road.

Drawings See attached drawing labeled MVP-2014-00131-ADB Page 1 of 7 thru 7 of 7.

Figure 1: Project Location
Nowthen Blvd at Alpine Drive
Anoka County, Minnesota

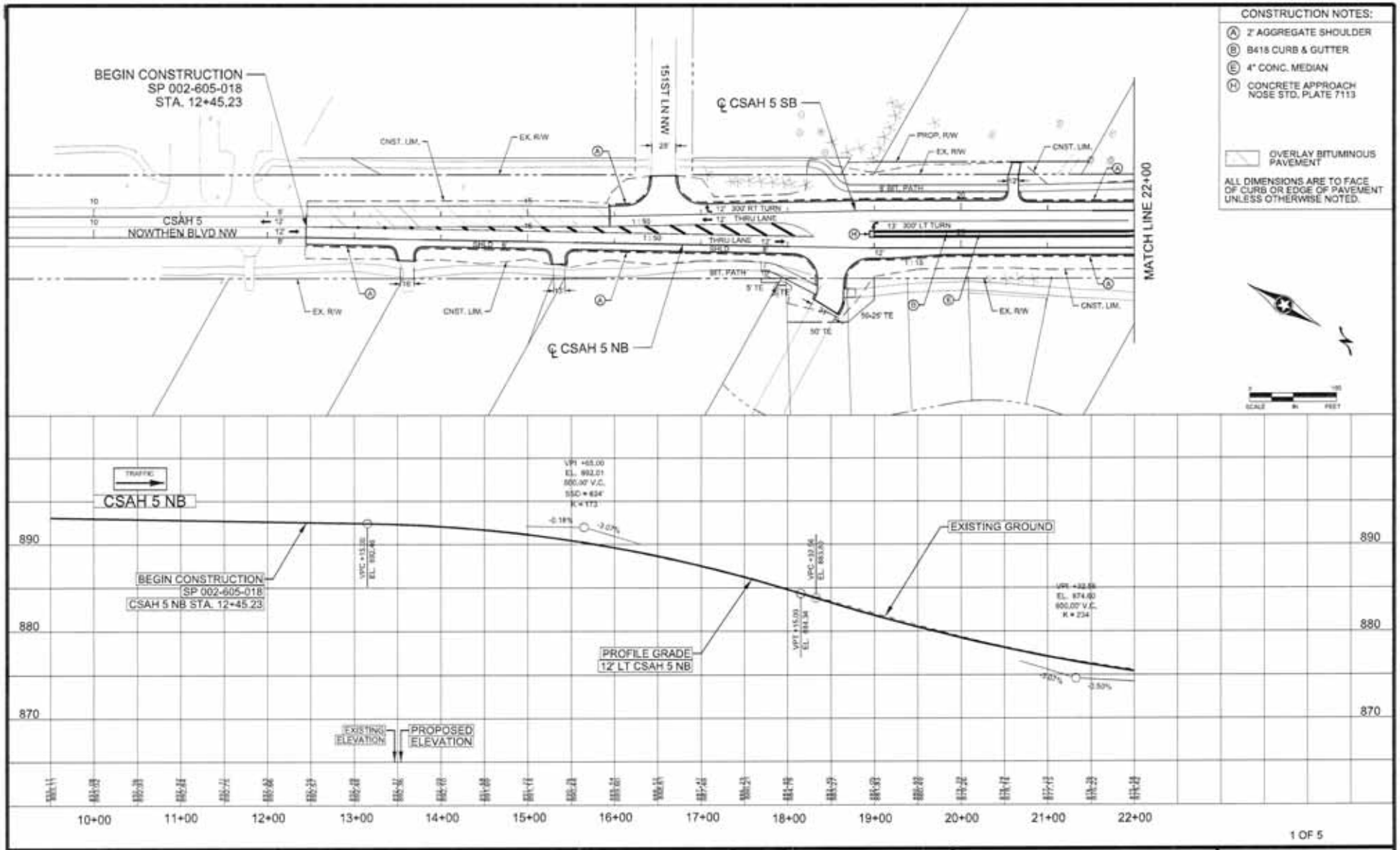
ANOKA COUNTY

0 1,000 Feet

N

WSB & Associates, Inc.

SP 002-605-018
CSAH 5 (NOWTHEN BLVD NW) / ALPINE DR NW
DELINEATED WETLAND IMPACT ACREAGE
CITY OF RAMSEY
LEGEND
EXISTING EDGE OF PAVEMENT
PROPOSED DESIGN
CONSTRUCTION LIMITS
WETLAND BOUNDARY
TRAFFIC SIGNAL
WETLAND IMPACTED
0
200
SCALE
IN
FEET
ALPINE DR
CSAH 5 NOWTHEN BLVD NW
B2 (0.83 ac) CUT/FILL
B1 (0.01 ac) FILL
A2 (0.06 ac) FILL
A1 (0.04 ac) FILL



1 OF 5

NO	DATE	BY	CKD	APPR	REVISION

THEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: Carl Kohlbrenner

SIGNATURE:

DATE: LICENSE NO. 47180

DRAWN BY SJM DATE 09-25-13

DESIGN BY SJM DATE 07-10-13

CHECKED BY JMP DATE 09-27-13

ANOKA COUNTY

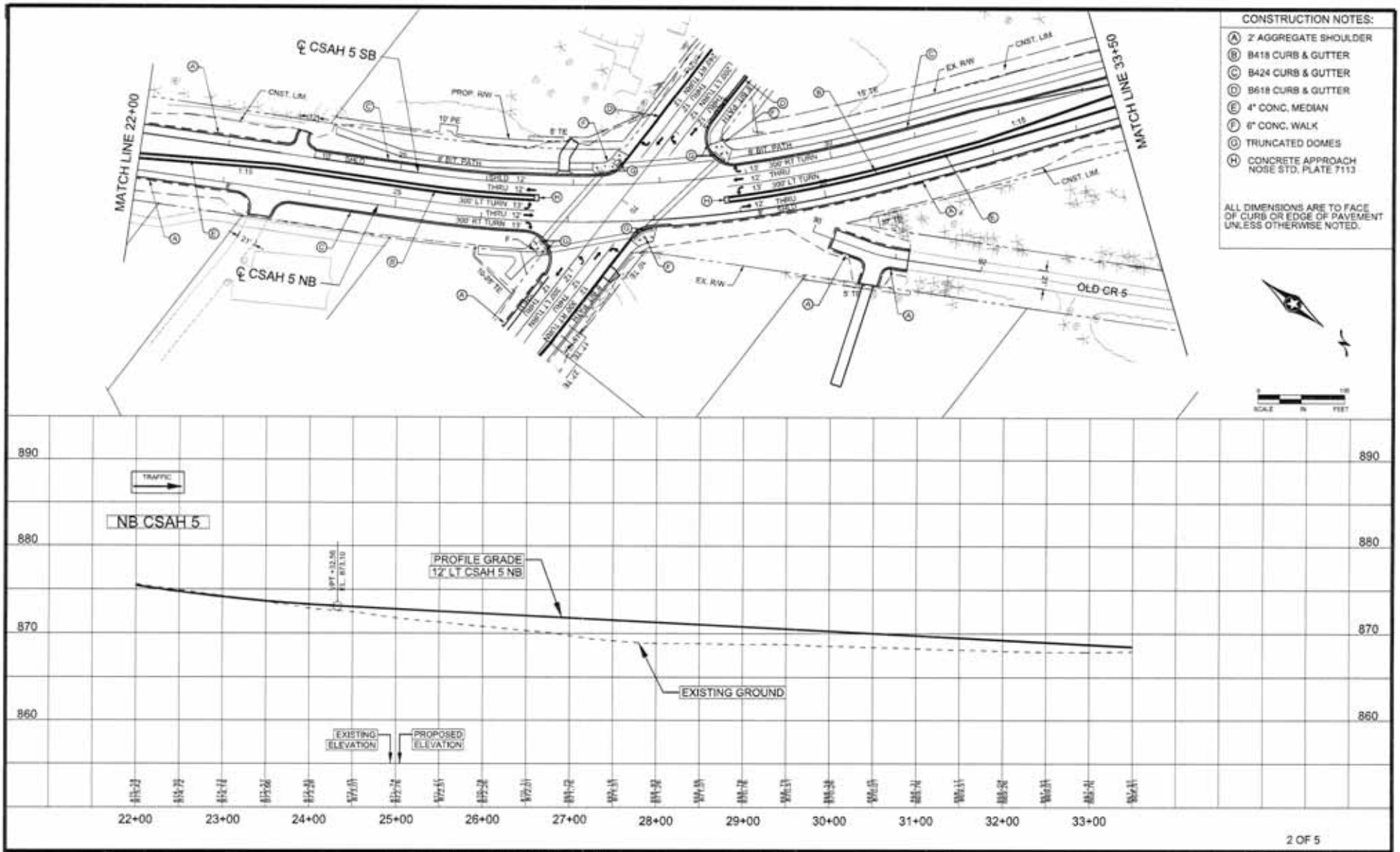
ANOKA COUNTY HIGHWAY DEPT.

S.P. 002-605-018

CP 14-20

CONSTRUCTION PLAN
CSAH 5
STA 10+00 TO 22+00

Sheet 36 of 126 Sheets



2 OF 5

NO	DATE	BY	CKD	APPR	REVISION

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: Curt Kiefferdorf

SIGNATURE:

DATE: LICENSE NO. 47193

DRAWN BY: EJH DATE: 08-23-13

DESIGN BY: EJH DATE: 07-15-13

CHECKED BY: GMP DATE: 08-27-13

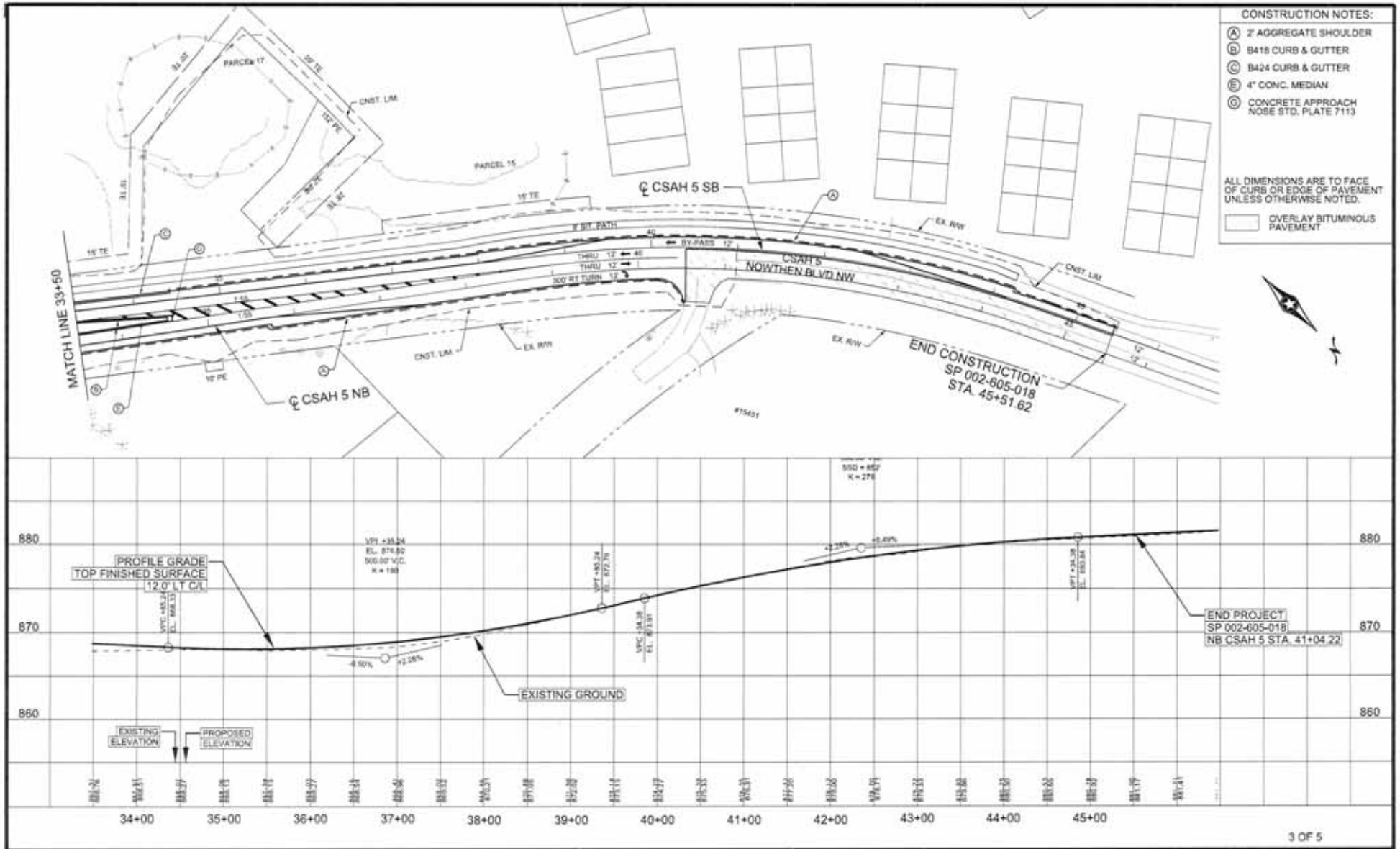
ANOKA COUNTY HIGHWAY DEPT.

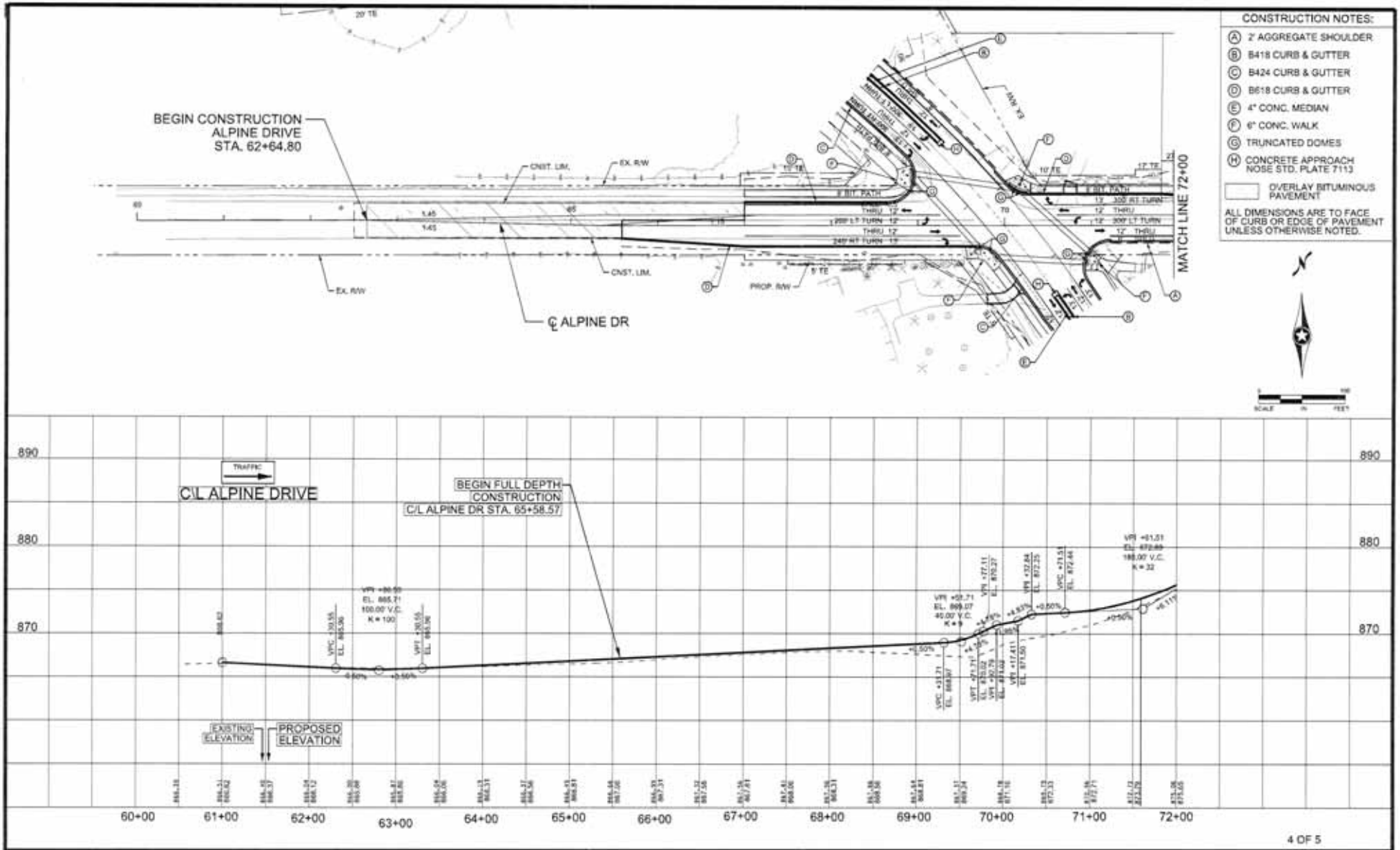
S.P. 002-605-018

CP 14-20

CONSTRUCTION PLAN
CSAH 5
STA 22+00 TO 33+50

Sheet 37 of 126 Sheets


CONSTRUCTION NOTES:
A 2' AGGREGATE SHOULDER
B B418 CURB & GUTTER
C B424 CURB & GUTTER
E 4" CONC. MEDIAN
G CONCRETE APPROACH NOSE STD. PLATE 7113
ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
OVERLAY BITUMINOUS PAVEMENT
MATCH LINE 33+50
℄ CSAH 5 SB
℄ CSAH 5 NB
CSAH 5
NOWTHEN BLVD NW
END CONSTRUCTION
SP 002-605-018
STA. 45+51.62
PARCEL 17
PARCEL 15
CNST. LIM
EX. R/W
8' BIT. PATH
BY-PASS 12'
THRU 12'
300' RT TURN 12'
PROFILE GRADE
TOP FINISHED SURFACE
12.0' LT C/L
EXISTING GROUND
END PROJECT
SP 002-605-018
NB CSAH 5 STA. 41+04.22
EXISTING ELEVATION
PROPOSED ELEVATION
880
870
860
34+00
35+00
36+00
37+00
38+00
39+00
40+00
41+00
42+00
43+00
44+00
45+00
3 OF 5
ANOKA COUNTY
HIGHWAY DEPT.
S.P. 002-605-018
CP 14-20
CONSTRUCTION PLAN
CSAH 5
STA 33+50 TO 43+00
Sheet 38 of 126 Sheets



4 OF 5

NO	DATE	BY	CKD	APPR	REVISION

THEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: Curt Kaplanski

SIGNATURE:

DATE: LICENSE NO. 8YUNO

DRAWN BY: SJW DATE: 09-05-13

DESIGN BY: EJW DATE: 07-05-13

CHECKED BY: DMP DATE: 09-05-13

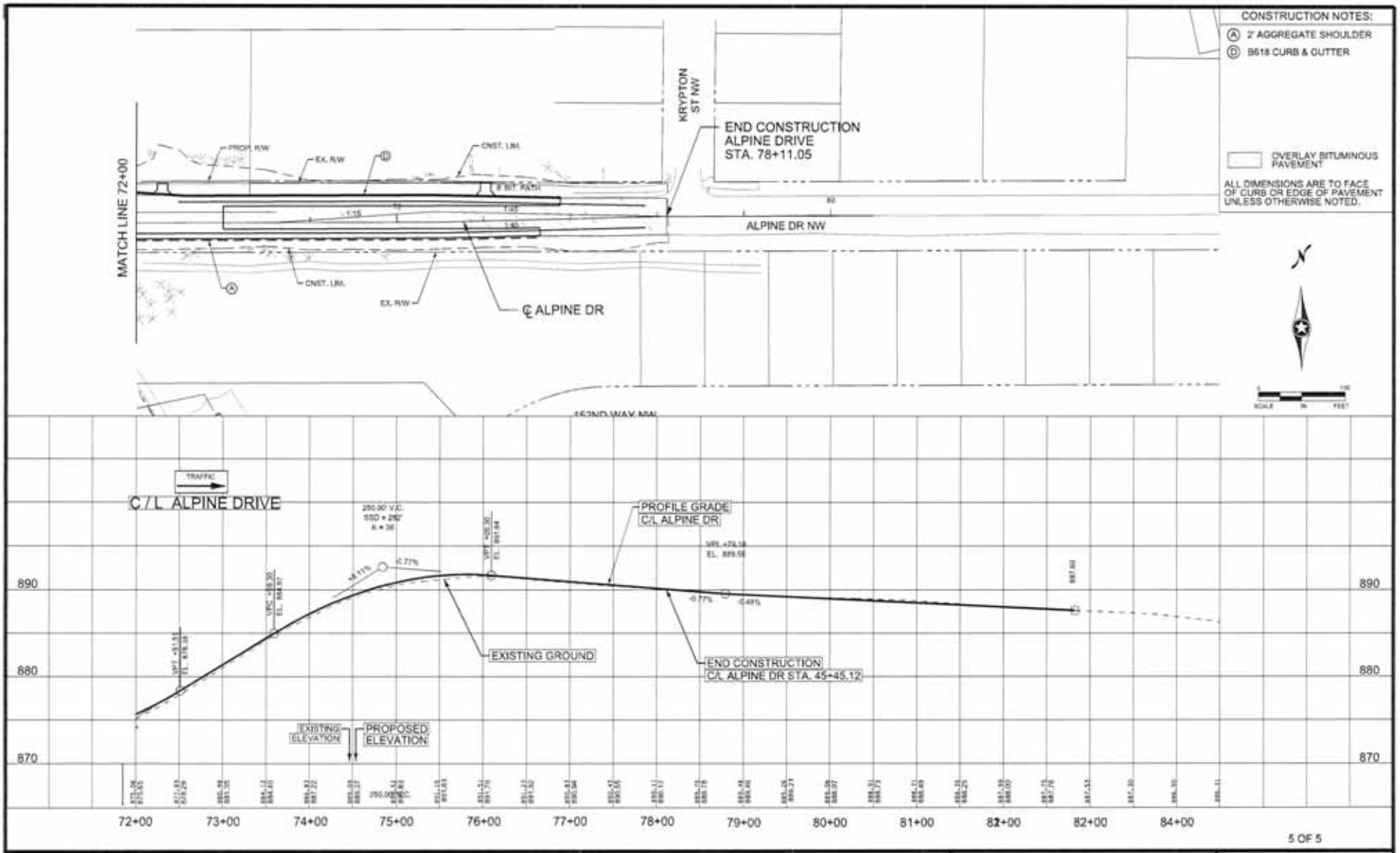
ANOKA COUNTY HIGHWAY DEPT.

S.P. 002-605-018

CP 14-20

CONSTRUCTION PLAN
ALPINE DRIVE
STA 60+00 TO 72+00

Sheet 39 of 126 Sheets


CONSTRUCTION NOTES:
Ⓐ 2' AGGREGATE SHOULDER
Ⓓ B618 CURB & GUTTER
OVERLAY BITUMINOUS PAVEMENT
ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
MATCH LINE 72+00
PROP. R/W
EX. R/W
CNST. LIM.
KRYPTON ST NW
END CONSTRUCTION
ALPINE DRIVE
STA. 78+11.05
ALPINE DR NW
℄ ALPINE DR
TRAFFIC
C / L ALPINE DRIVE
PROFILE GRADE
C/L ALPINE DR
EXISTING GROUND
END CONSTRUCTION
C/L ALPINE DR STA. 45+45.12
EXISTING ELEVATION
PROPOSED ELEVATION
890
880
870
72+00
73+00
74+00
75+00
76+00
77+00
78+00
79+00
80+00
81+00
82+00
84+00
5 OF 5
ANOKA COUNTY HIGHWAY DEPT.
S.P. 002-605-018
CP 14-20
CONSTRUCTION PLAN
ALPINE DRIVE
STA 72+00 TO 84+00
Sheet 40 of 126 Sheets