NO DATE BY CKO APP	I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSE NO. 40416    CHARLES CADENHEAD   DATE   S1/2011   DATE   S1/2011   DATE   S1/2011   DATE   S1/2011   DATE   S1/2011   DATE   STATE AID PROJECT NO. CITY PROJECT NO. COUNTY PROJECT NO. COUN		TITLE SHEET Sheet _1_ of _14_ Sheets
PLAN  PROFILE  HORIZONTAL  VERTICAL  X-SECTIONS HORIZONTAL  VERTICAL  O'  VERTICAL  INDEX MAP	PROJECT LOCATION  ANOKA COUNTY CITY OF LINWOOD MN/DOT TRANSPORTATION DISTRICT - METRO LINWOOD SECTIONS 25,26,36 LINWOOD TOWNSHIP T34 NORTH LINWOOD RANGE R22 WEST	Approved 47/20 11 (1	ANOKA COUNTY ENGINEER
BRIDGE  BUILDING (One Story Frame) F-FRAME C-CONCRETE S-STONE T-TILE B-BRICK ST-STUCCO  RAILROAD CROSSING BELL RAILROAD CROSSING GATE MANHOLE	BEGIN COUNTY PROJECT 11-18-36  CSAH 36 STA. 400+00  STATE OF THE PROJECT 11-18-36  CSAH 36 STA. 511+00  END COUNTY PROJECT 11-18-36  CSAH 36 STA. 511+00	ESAL 20 R VALUE ADT (2009) = Proj. ADT (2029) = Proj. HCADT (2029) = Soil Factor 9 TON DESIGN Functional Classification No. of Traffic Lanes Design Speed Design Speed Height of eye 3.5 Design Speed not achieve	MINOR / MAJOR COLLECTOR  No. of Parking Lanes 0  MPH Distance Height of object 2.0'
LOWIAND  TIMBER ORCHARD BRUSH NURSERY  CATTLE GUARD OVERPASS (Highway Over)	GROSS LENGTH 11100 FEET 2.102 MILES BRIDGES-LENGTH 0.00 FEET 0.000 MILES EXCEPTIONS-LENGTH 0.00 FEET 0.000 MILES NET LENGTH 11100 FEET 2.102 MILES  LINWOOD TWP.	7-10 CONSTRUC 11-14 STRIPING F	CTION PLAN PLAN
RETAINING WALL RAILROAD RAILROAD RIGHT OF WAY RIVER OR CREEK  DRAINAGE DITCH CULVERT DROP INLET GUARD RAIL BARBED WIRE FENCE WOVEN WIRE FENCE CHAIN LINK FENCE WOOD FENCE STONE WALL OR FENCE	CONSTRUCTION PLAN FOR	SHEET NO.  1 TITLE SHEE  2 STATEMEN  3-4 TYPICAL SE	NDEX  DESCRIPTION  TOF ESTIMATED QUANTITIES
PLAN SYMBOLS  COUNTY LINE TOWNSHIP OR RANGE LINE SECTION LINE QUARTER LINE SIXTEENTH LINE RIGHT OF WAY LINE SLOPE EASEMENT EXISTING RIGHT OF WAY PROPERTY LINE CORPORATE OR CITY LIMITS DETAINING WALL	MINNESOTA DEPARTMENT OF TRANSPORTATION  ANOKA COUNTY  2" OVER AY	THE 2005 EDITION OF THE MINNE "STANDARD SPECIFICATIONS FOR ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE TO THE "MINNE	G SPECIFICATIONS SOTA DEPARTMENT OF TRANSPORTATION R CONSTRUCTION" SHALL GOVERN. SHALL CONFORM AND BE INSTALLED SOTA MANUAL ON UNIFORM TRAFFIC AND PART VI, "FIELD MANUAL FOR ZONE LAYOUTS."

CSAH 36	STATEMENT OF ESTIMATED QUANTITIES						
ITEM NO.	ПЕМ	NOTE NO.	UNIT	TOTAL EST. QUANT.			
2021.501	MOBILIZATION		LUMP SUM	1			
2221.501	AGGREGATE SHOULDERING CLASS 5	3	TON	573			
2232.501	MILL BITUMINOUS SURFACE (2")	1,2	SQ YD	789			
2357.502	BITUMINOUS MATERIAL FOR TACK COAT		GALLON	1790			
2360.501	TYPE SP 12.5 WEARING COURSE MIX ( 4,B )	9	TON	206			
2360.501	TYPE SP 12.5 WEARING COURSE MIX ( 4,E )	10	TON	4594			
2540.602	INSTALL MAIL BOX SUPPORT	7	EACH	35			
2563.601	TRAFFIC CONTROL	5,8	LUMP SUM	1			
2581.501	REMOVABLE PREFORMED PLASTIC MARKING	4	LIN FT	896			
2582.502	4" SOLID LINE WHITE - EPOXY	6	LIN FT	22027			
2582,502	4" BROKEN LINE WHITE-EPOXY	6	LIN FT	100			
2582.502	4" SOLID LINE YELLOW - EPOXY	6	LIN FT	4644			
2582.502	4" BROKEN LINE YELLOW-EPOXY	6	LINFT	1830			
2582.502	4" DOUBLE SOLID LINE YELLOW - EPOXY	6	LIN FT	1971			

## NOTES

- 1 LOCATION TO BE DETERMINED BY ENGINEER.
- MILL JOINTS, ALSO INCLUDES 600 SQ YDS OF EDGE MILL ALONG EXISTING CURB AREAS, SEE DETAILS.
- 3 MATERIAL FOR FINISED 1.5' GRVL. SHLDR., GRAVEL ENT. AND FIELD ENT.
- CL YLW REMOVABLE PREF. SKIPS TO BE APPLIED AS SOON AS POSSIBLE (MUST BE APPLIED BEFORE CONTRACTOR LEAVES FOR THE DAY).
- DO NOT PASS, PASS WITH CARE, NO CENTER STRIPE AND BUMP/BUMP AHEAD SIGNS -TO BE INPLACE DURING ALL PAVING OPERATIONS.
- 6 PERMANENT MARKINGS TO BE IN PLACE WITHIN 72 HOURS OF FINAL MAINLINE PAVING.
- MAILBOXES TO BE INSTALLED AT THE EXISTING MAILBOX LOCATION. MAILBOX MATERIALS INCIDENTAL TO INSTALLATION.
- ALL TRAFFIC CONTROL METHODS SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 9 BIT. STREET APPROACH / BIT. DRIVEWAYS TO BE OVERLAYED IN A SEPARATE OPERATION FROM THE MAINLINE PAVING.
- 10 MAINLINE BITUMINOUS WEAR.

## BASIS OF PLANNED QUANTITIES

2221.501	AGGREGATE SHOULDERING CLASS 5	CU YDS * 1.8 = TONS
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	.05 GAL / SQ YD
2360.501	TYPE SP 12.5 WEARING COURSE MIX (4,E)	115 LBS/SQYD/IN THICKNESS
2360.501	TYPE SP 12.5 WEARING COURSE MIX ( 4,B )	115 LBS/SQYD/IN THICKNESS
2581 501	REMOVABLE PREFORMED PLASTIC MARKING	2' AT 50' INTERVALS

			OVE	4000	REVISION	
NO	DATE	BY	CKD	APPR		
NAME: P:\11-01-00\CSAH_36_()\Plan\2 Seq.dgn					04/05/2011	3:38:26 PM

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.

THE STATE OF MINNESOTA.

PRINT NAME: CHARLES CADENHEAD

SIGNATURE: LICENSE NO. 40416

CHECKED BY JO DATE

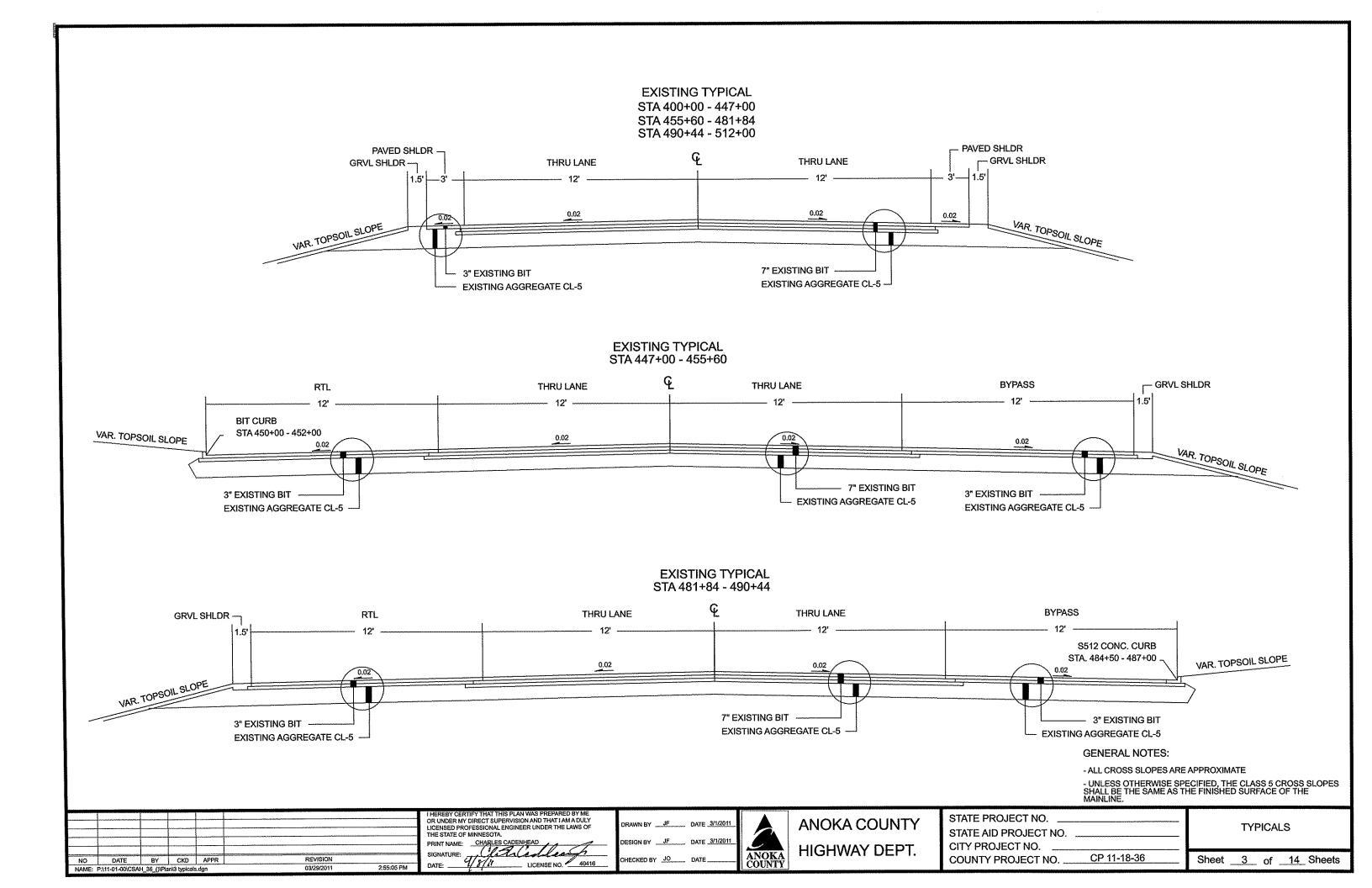


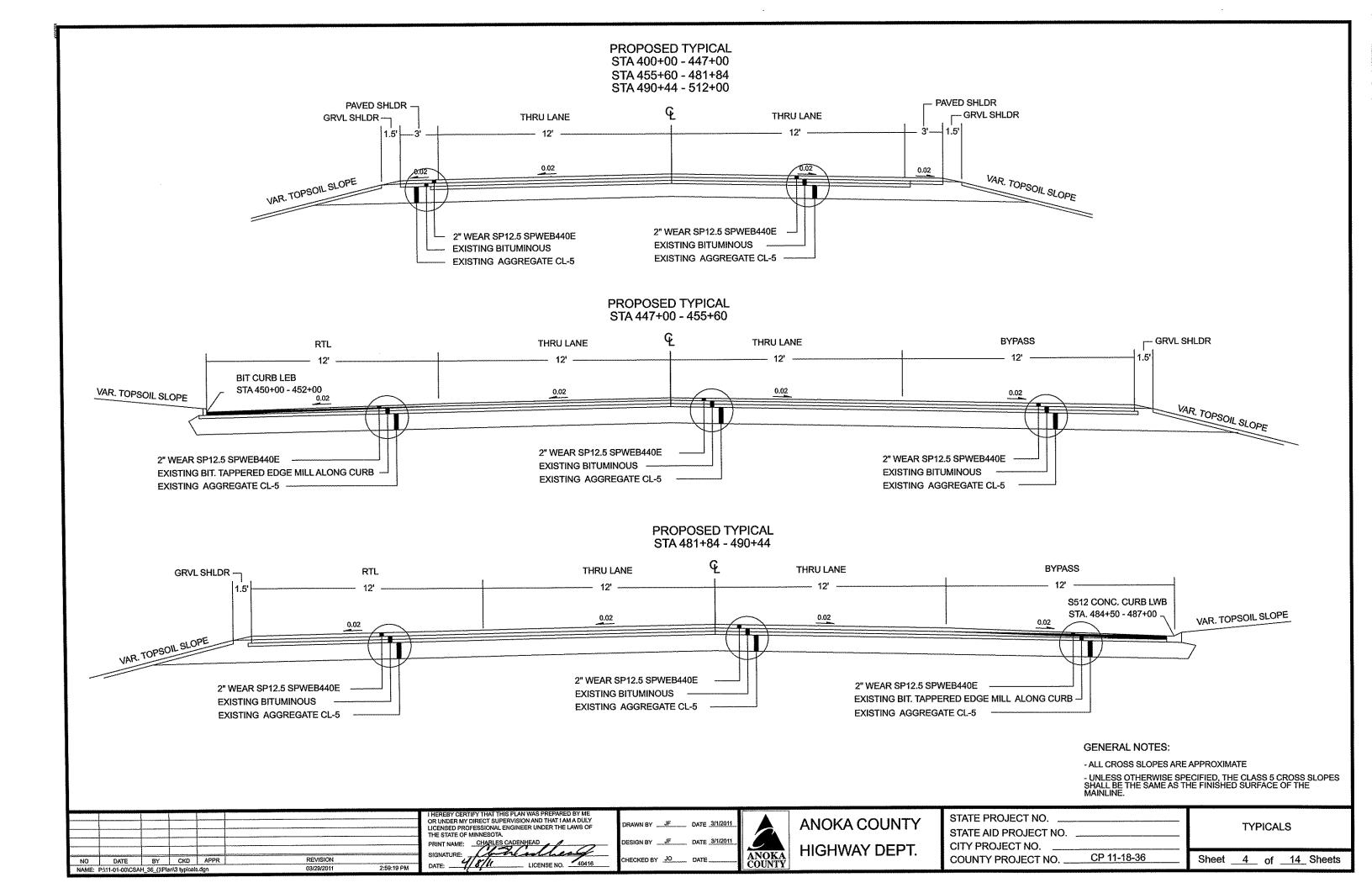
ANOKA COUNTY HIGHWAY DEPT.

STATE PROJECT NO.	
STATE AID PROJECT NO	
COUNTY PROJECT NO. 11-18-36	

STATEMENT OF ESTIMATED QUANTITIES

Sheet 2 of 14 Sheets





## PAVED SHLDR / RTL BEGIN RADIUS BEGIN RADIUS BEGIN RADIUS

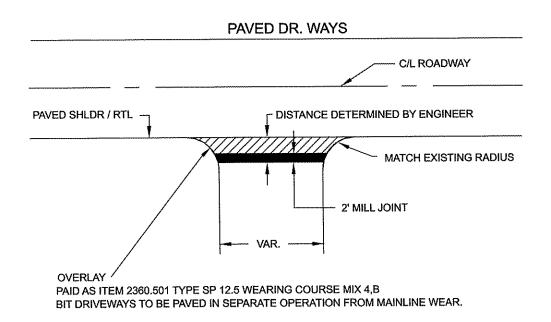
- VAR. -

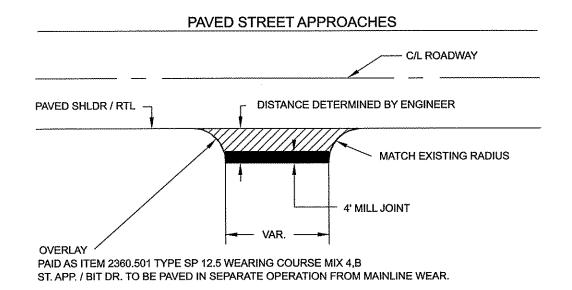
MATCH EXISTING RADIUS

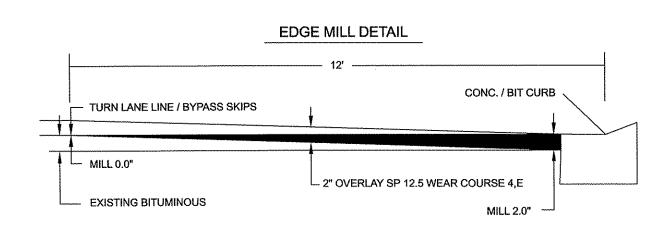
7 TON CL 5 PER GRVL. ENT.

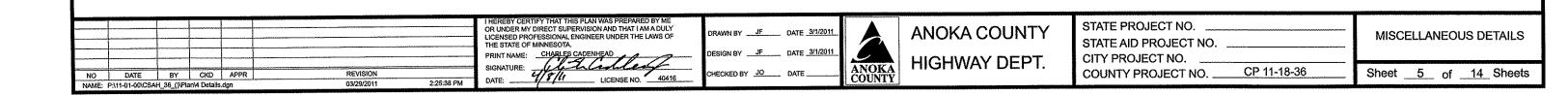
PAID FOR AS ITEM NO. 2221.501

AGGREGATE SHLDR. CL 5 (TON)





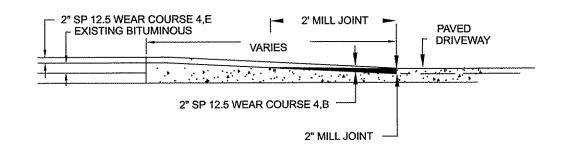




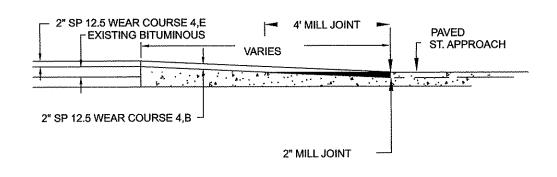
## DISTANCE DETERMINED BY ENGINEER OVERLAY PAID AS ITEM 2360.501 TYPE SP 12.5 WEARING COURSE MIX 4,B BIT DRIVEWAYS TO BE PAVED IN SEPARATE OPERATION FROM MAINLINE WEAR.

# DISTANCE DETERMINED BY ENGINEER OVERLAY PAID AS ITEM 2360.501 TYPE SP 12.5 WEARING COURSE MIX 4,B STREET APPROACH TO BE PAVED IN SEPARATE OPERATION FROM MAINLINE WEAR.

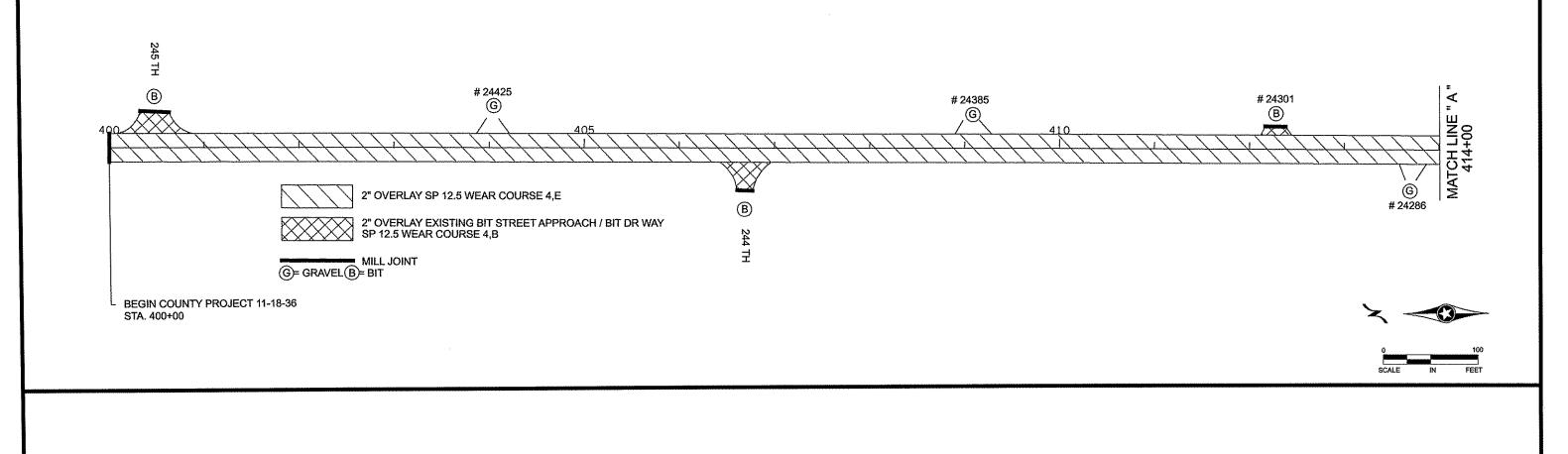
## DRIVEWAY JOINT DETAILS A - A

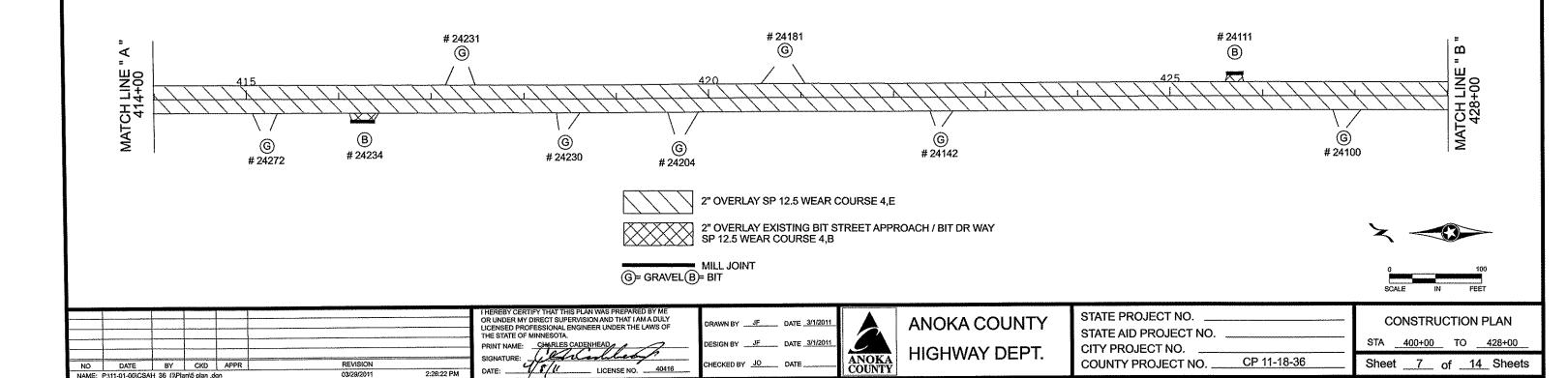


## STREET APPROACH JOINT DETAILS B - B



	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.	DRAWN BYJF DATE _3/1/2011	A	ANOKA COUNTY	STATE PROJECT NO	MISCELLANEOUS DETAILS
NO DATE BY CKD APPR REVISION  NAME: P11-01-00/CSAH 36 (NP)an's Details don 03/29/2011 2:25-52 PM	SIGNATURE: [LECTION]		ANOKA COUNTY	HIGHWAY DEPT.	CITY PROJECT NOCP 11-18-36	Sheet 6 of 14 Sheets





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HIGHWAY DEPT.

COUNTY PROJECT NO. ..

CP 11-18-36

Sheet \_\_7 of \_\_14 Sheets

