

CITY OF WINSTED, MINNESOTA

CONSTRUCTION PLANS FOR

INDUSTRIAL BOULEVARD STREET IMPROVEMENTS



PLAN REVISIONS		
DATE	SHEET NUMBER	APPROVED BY

PROJECT LOCATION

MAP LEGEND

— PROJECT LIMITS



MAP OF THE
CITY OF WINSTED
MCLEOD COUNTY, MN

SHEET INDEX

SHEET NO.	TITLE
1	TITLE SHEET
2	TYPICAL SECTION/DETAILS
3	CONSTRUCTION PLAN

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL, 1-800-252-1166 OR 651-454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

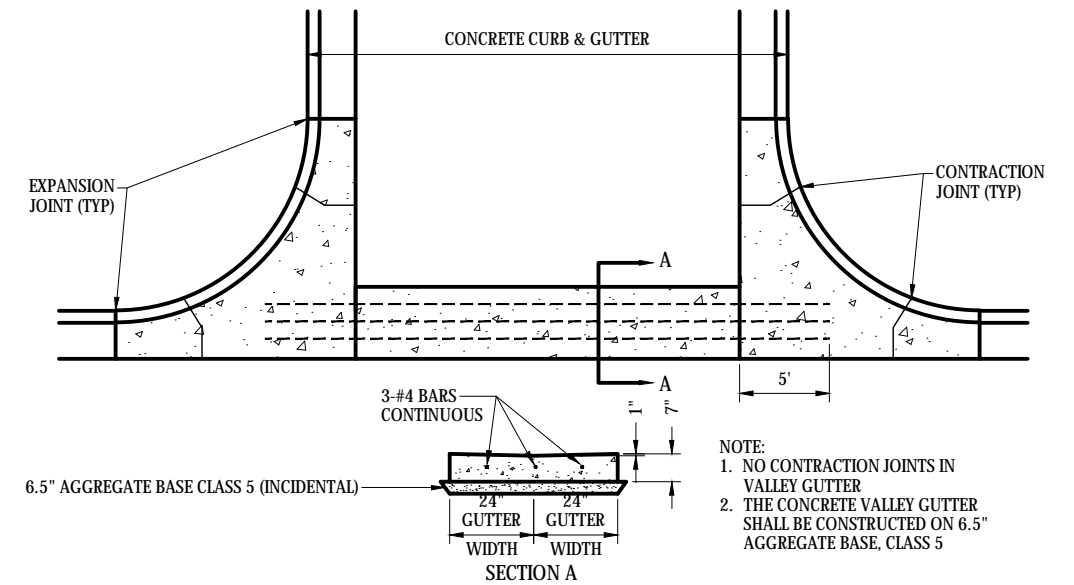
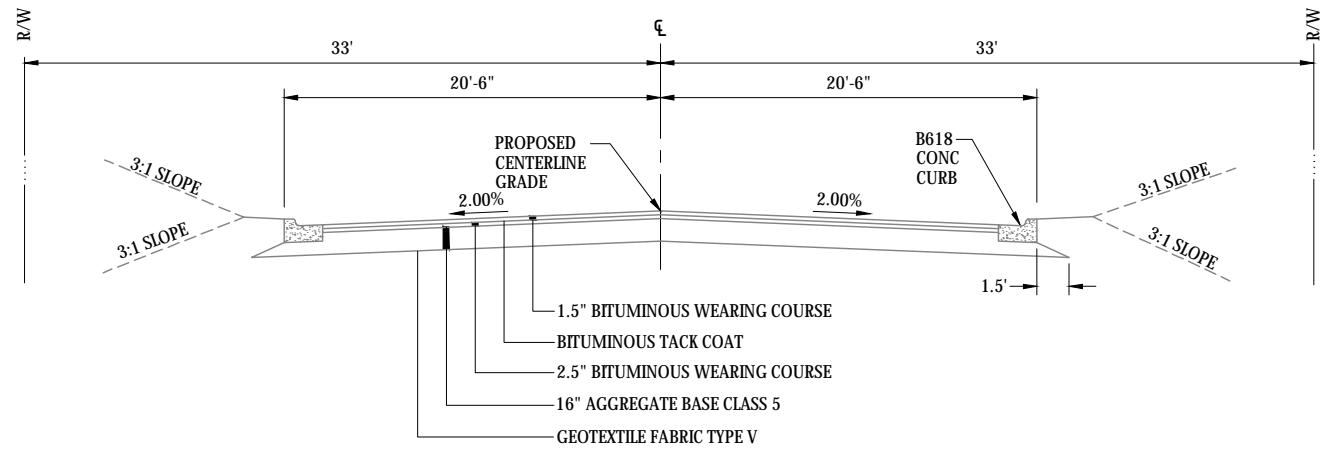
Joshua Eckstein
 JOSHUA ECKSTEIN
 I.C. NO. 48224 DATE 02/26/2018



DESIGNED	NO.	REVISION	DATE
JZE			
DRAWN			
AKH			
CHECKED			
JZE			
CLIENT PROJ. NO.			
C14.114439			

CITY OF WINSTED, MINNESOTA
 INDUSTRIAL BOULEVARD STREET IMPROVEMENTS
 TITLE SHEET

EXISTING TYPICAL SECTION

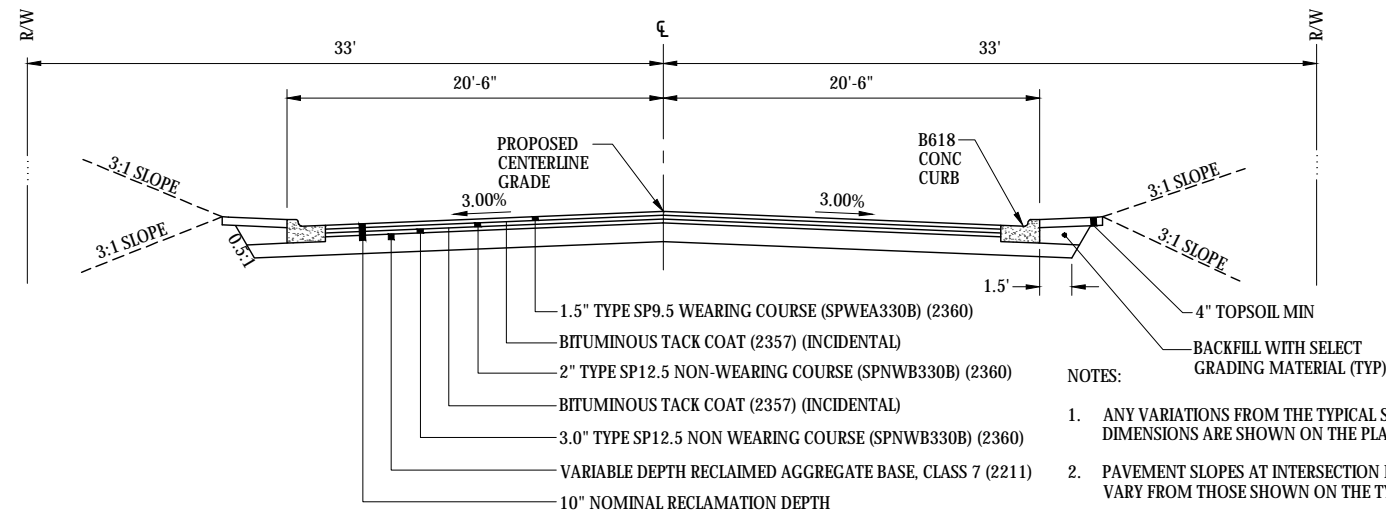


- NOTE:
 1. NO CONTRACTION JOINTS IN VALLEY GUTTER
 2. THE CONCRETE VALLEY GUTTER SHALL BE CONSTRUCTED ON 6.5" AGGREGATE BASE, CLASS 5

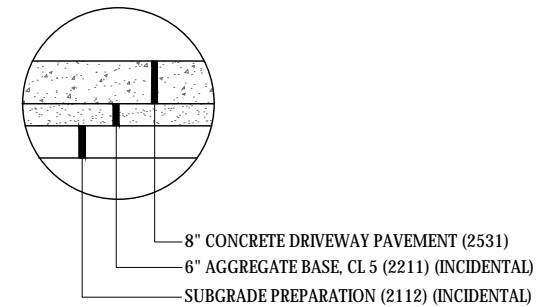
CONCRETE VALLEY GUTTER

- NOTE:
 1. CONCRETE VALLEY GUTTER SHALL BE PAID AS CONCRETE DRIVEWAY PAVEMENT

PROPOSED TYPICAL RECLAMATION AREA SECTION

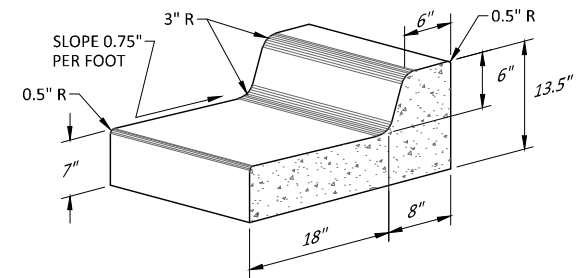


- NOTES:
 1. ANY VARIATIONS FROM THE TYPICAL SECTION DIMENSIONS ARE SHOWN ON THE PLAN DRAWINGS
 2. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON THE TYPICAL SECTION
 3. GRADE ALL TOPSOIL MATERIAL TO 1" DEPTH BELOW CONCRETE SURFACES PRIOR TO PLACING SOD



CONCRETE DRIVEWAY PAVEMENT
NOT TO SCALE

- NOTES:
 1. PLACE #4 LONGITUDINAL AND TRANSVERSE BARS 2' O.C. WITH 3" MIN CLEAR OUTSIDE EDGE.
 2. ALL REBAR TO BE EPOXY COATED.



CONCRETE CURB & GUTTER DESIGN B618
NOT TO SCALE

© Bolton & Menk, Inc. 2018. All Rights Reserved. C:\Users\jze\OneDrive\Desktop\14439\14439.dwg 2/26/2018 8:11:17 AM

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
Joshua Eckstein
 JOSHUA ECKSTEIN
 LIC. NO. 48224 DATE 02/26/2018



DESIGNED	NO.	REVISION	DATE
JZE			
DRAWN			
AKH			
CHECKED			
JZE			
CLIENT PROJ. NO.			
C14.114439			



CITY OF WINSTED, MINNESOTA
 INDUSTRIAL BOULEVARD STREET IMPROVEMENTS
 TYPICAL SECTION AND DETAILS

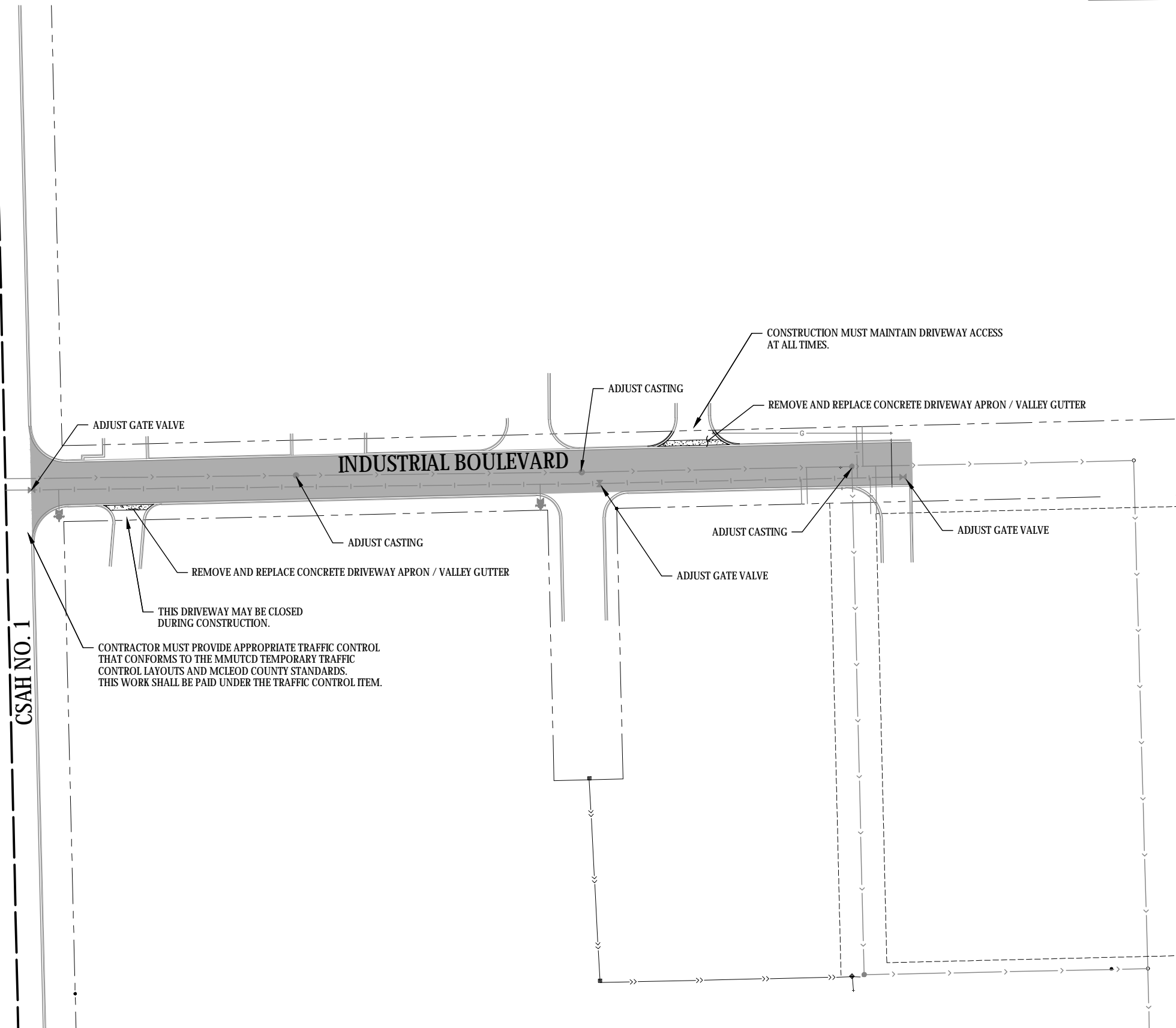
CONSTRUCTION NOTES:

- 1) MATCH ALL CURB AND GUTTER AND BITUMINOUS EDGES. MATCH POINTS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 2) CONTRACTOR SHALL TAKE SPECIAL CARE NOT TO DAMAGE ANY TREES, BUSHES, OR LANDSCAPING DURING CONSTRUCTION ACTIVITIES.
- 3) ALL EXISTING CURB AND GUTTER, DRIVEWAY, AND PAVEMENT REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY THE ENGINEER.
- 4) CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE WINSTED PUBLIC WORKS DEPARTMENT. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES THROUGHOUT CONSTRUCTION (INCIDENTAL).
- 5) OBTAIN COMPACTION ON THE AGGREGATE BASE PORTIONS OF PERMANENT CONSTRUCTION IN ACCORDANCE WITH THE "QUALITY COMPACTION METHOD" REQUIREMENTS (INCIDENTAL).
- 6) TEST ROLLING SHALL BE REQUIRED ON ALL BASE BID STREET SEGMENTS.
- 7) ALL ADDITIONAL EXCESS MATERIAL GENERATED DURING CONSTRUCTION, INCLUDING MILLINGS, SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- 8) PROVIDE FOR A UNIFORM BITUMINOUS TACK COAT BETWEEN ALL BITUMINOUS COURSES (INCIDENTAL). THE TACK COAT SHALL BE APPLIED AT A UNIFORM RATE OF 0.05 GAL/SY BETWEEN BITUMINOUS LAYERS AND 0.10 GAL/SY ON BITUMINOUS SURFACES PRIOR TO BEING OVERLAID. THE APPLICATION RATES ARE FOR UNDILUTED EMULSIONS (AS SUPPLIED FROM THE REFINERY) OR MC AND RC LIQUID ASPHALTS.
- 9) PROVIDE A SAWCUT WHERE PLACING NEW PAVEMENT ADJACENT TO INPLACE PAVEMENT TO ENSURE A UNIFORM JOINT (INCIDENTAL). PROVIDE A SAWCUT ALONG ALL DRIVEWAY AND SIDEWALK REMOVAL LIMITS AS MARKED BY THE ENGINEER (INCIDENTAL).
- 10) ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MINNESOTA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.
- 11) THE CONTRACTOR IS HEREBY REMINDED OF HIS RESPONSIBILITY UNDER STATE LAW TO CONTACT ALL UTILITIES THAT MAY HAVE FACILITIES IN THE AREA. CONTACT MUST BE MADE THROUGH GOPHER STATE ONE-CALL.
- 12) ALL DISTURBED AREAS TO BE RESTORED WITH HYDROMULCH WITH SEED TYPE 25-131. ALL SEEDED AREAS SHALL HAVE A MINIMUM OF 4-INCHES OF TOPSOIL.
- 13) ALL TOPSOIL SHALL BE TYPE A-TOPSOIL BORROW (3877).

NOTE:
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES THAT ARE SHOWN, ARE SHOWN IN AN APPROXIMATE WAY ONLY. IT IS NOT GUARANTEED THAT ANY OR ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DANGERS WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

CONSTRUCTION LEGEND

-  10" BITUMINOUS RECLAMATION AREA
-  8" CONCRETE DRIVEWAY



ESTIMATED CURB REPLACEMENT

CURB & GUTTER TYPE	TOTAL CURB LENGTH	REMOVED / REPLACED CURB LENGTH
B618	1485 FT	450 FT

CONTRACTOR MUST PROVIDE APPROPRIATE TRAFFIC CONTROL THAT CONFORMS TO THE MMUTCD TEMPORARY TRAFFIC CONTROL LAYOUTS AND MCLEOD COUNTY STANDARDS. THIS WORK SHALL BE PAID UNDER THE TRAFFIC CONTROL ITEM.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

Joshua Eckstein
 JOSHUA ECKSTEIN
 IC NO. 48224 DATE 02/26/2018



DRAWN	NO.	REVISION	DATE
JZE			
AKH			
JZE			

CHECKED: JZE
 CLIENT PROJ. NO.: C14.114439

CITY OF WINSTED, MINNESOTA
 INDUSTRIAL BOULEVARD STREET IMPROVEMENTS
 CONSTRUCTION PLAN