

**GENERAL CONSTRUCTION AND SOILS NOTES:**

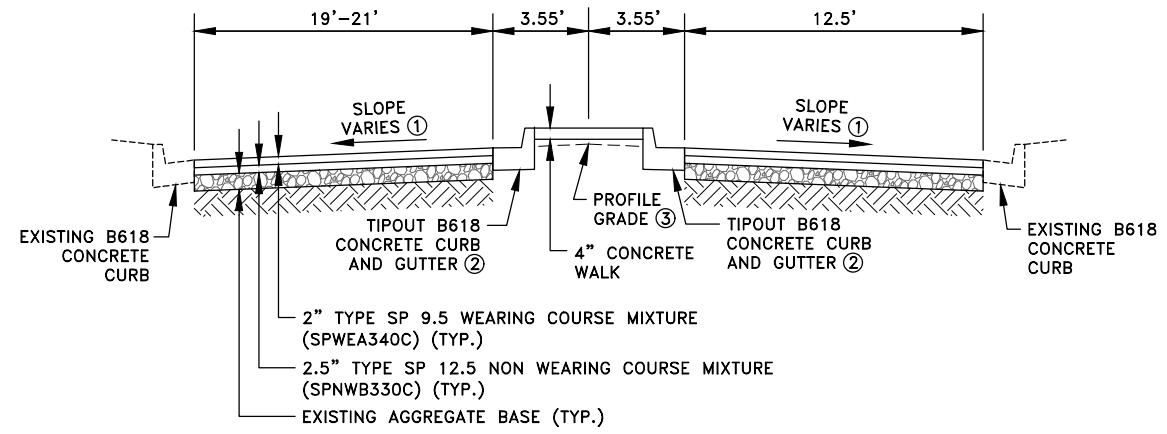
- SUITABLE GRADING MATERIAL FOR THIS PROJECT SHALL CONSIST OF ALL SOILS ENCOUNTERED WITH THE EXCEPTION OF TOPSOIL, SILT, DEBRIS, ORGANIC MATERIAL AND OTHER UNSTABLE MATERIAL.
- CONTRACTOR SHALL REVIEW THE GEOTECHNICAL EXPLORATION REPORT PREPARED BY HAUGO GEOTECHNICAL SERVICES, DATED JANUARY 26, 2024, FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.
- WHEN PLACING NEW PAVEMENT ADJACENT TO INPLACE PAVEMENT CUT VERTICALLY TO THE BOTTOM OF INPLACE SURFACING OR TOP OF GRADING SUBGRADE, WHICHEVER IS DEEPER, AT A 1(V):2(H) TO THE BOTTOM OF EXCAVATION.
- PROVIDE A SAW CUT WHEN PLACING NEW PAVEMENT ADJACENT TO INPLACE PAVEMENT AND AT TERMINI OF CONSTRUCTION TO ENSURE A UNIFORM JOINT.
- BITUMINOUS AND CONCRETE ITEMS DISTURBED BY CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH MN/DOT SPEC. 2104.
- USE TACK COAT BETWEEN ALL BITUMINOUS MIXTURES. THE BITUMINOUS TACK COAT MATERIAL SHALL BE APPLIED AT A UNIFORM RATE OF 0.04 GAL/SY TO 0.06 GAL/SY BETWEEN BITUMINOUS LAYERS. THE APPLICATION RATES ARE FOR UNDILUTED EMULSIONS.
- PERFORMANCE GRADED (PG) ASPHALT BINDER PG 58H-34, PER MN/DOT SPEC. 3151, SHALL BE USED FOR ALL BITUMINOUS MIXES ON THIS PROJECT.
- THE BITUMINOUS MIXTURES SHALL MEET THE REQUIREMENTS OF SPECIFICATIONS 2360 AND 3139.
- IF NECESSARY, THE UTILITY COMPANIES WILL RELOCATE THEIR FACILITIES CONCURRENTLY WITH THE CONSTRUCTION OPERATIONS UNDER THIS CONTRACT. CONTRACTOR SHALL SCHEDULE CONSTRUCTION IN COOPERATION WITH UTILITY RELOCATION.
- CURB AND SIDEWALK REPLACEMENT AREAS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. CONTRACTOR WILL BE PAID TO SAWCUT SIDEWALK OR CONCRETE CURB AND GUTTER PER ITEM 2104-SAWING CONCRETE PAVEMENT-FULL DEPTH. RESTORATION ADJACENT TO CURB AND SIDEWALK REMOVAL AREAS SHALL BE PER (1/5) AND (2/5).

**GENERAL EROSION AND SEDIMENT CONTROL NOTES:**

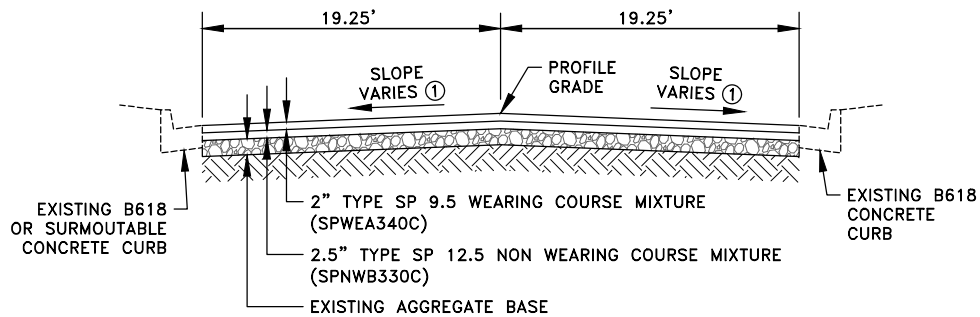
- EROSION AND SEDIMENT CONTROL SHALL CONFORM TO THE MN/DOT EROSION CONTROL HANDBOOK.
- THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL FACILITIES (BMP'S) PRIOR TO GRADING AND REMOVAL ACTIVITIES. BMP'S SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION ACTIVITIES AND POTENTIAL FOR EROSION HAS PASSED.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION.
- DUST CONTROL-ALL PUBLIC OR HAUL ROADS USED DURING CONSTRUCTION OF THE PROJECT SHALL BE TREATED WITH WATER OR OTHER ENGINEER APPROVED METHODS AS NECESSARY TO SUPPRESS DUST. THIS WORK SHALL BE INCIDENTAL.
- STREET CLEANING-THE CONTRACTOR SHALL CONTINUOUSLY CLEAN AND SWEEP ANY CONSTRUCTION MATERIAL AND DEBRIS THAT MAY BE TRACKED OR DEPOSITED ONTO STREETS LEADING TO OR ADJACENT TO THE PROJECT AREA. IF, UPON 6 HOURS NOTICE FROM THE ENGINEER, STREETS HAVE NOT BEEN CLEANED, THE ENGINEER MAY ORDER SUCH CLEANING BY OTHERS WITH THE COSTS OF SUCH SWEEPING OR CLEANING DEDUCTED FROM CONTRACT PAYMENTS. THIS WORK SHALL BE INCIDENTAL.
- ALTERNATE STORM DRAIN INLET PROTECTION DEVICES MAY BE SUBSTITUTED WITH ENGINEER'S APPROVAL.
- CONTRACTOR SHALL PREPARE A STABILIZED CONSTRUCTION EXIT PER CITY PLATE NO. ERO-5 AT ALL ACCESS POINTS PRIOR TO CONSTRUCTION.

**REFERENCE NOTES:**

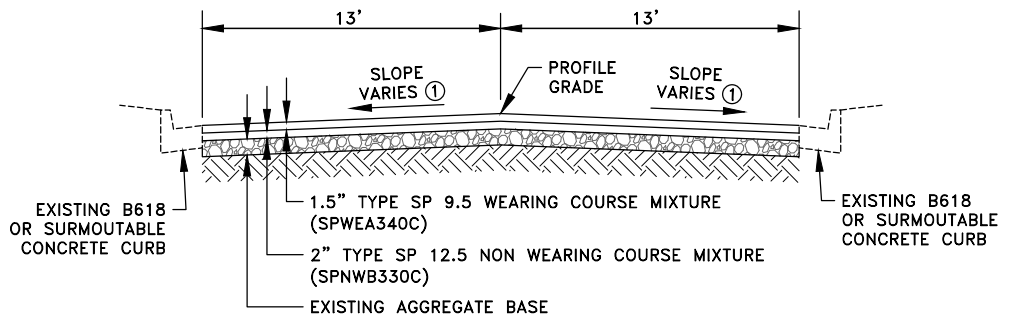
- SEE CROSS SECTION SHEETS FOR ROAD CROSS SECTION GRADES.
- TIPOUT CURB SHALL BE PER (4/3).
- CROSS SLOPE FROM THE CENTERLINE PROFILE TO THE TOE OF THE CURB SHALL BE 2.00%.
- BITUMINOUS DRIVEWAY PAVEMENT SHALL BE PAID PER ITEM 2360-TYPE SP 9.5 WEARING COURSE MIXTURE (3;C) 2.5" THICK.
- BITUMINOUS DRIVEWAY PAVEMENT SHALL BE PAID PER ITEM 2360-TYPE SP 9.5 WEARING COURSE MIXTURE (3;C) 1.5" THICK.



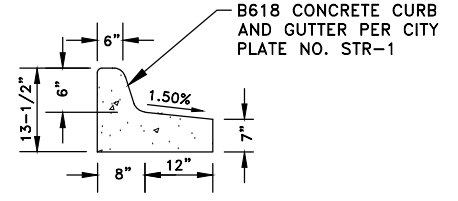
**1**  
**3** TYPICAL SECTION  
XKIMO STREET (STA 1+62 TO 2+84)



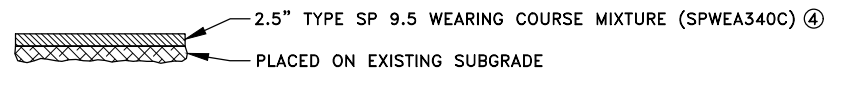
**2**  
**3** TYPICAL SECTION  
XKIMO STREET (STA 2+84 TO 16+14)



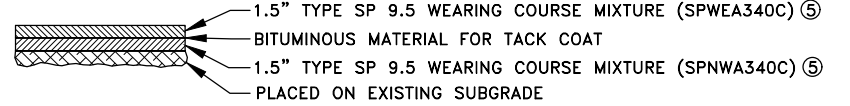
**3**  
**3** TYPICAL SECTION  
XKIMO STREET (STA 16+46 TO 23+19),  
XKIMO COURT, 143RD LANE, AND 143RD AVENUE



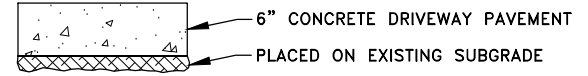
**4**  
**3** T IPOUT CURB DETAIL  
NO SCALE



**5**  
**3** RESIDENTIAL DRIVEWAY  
BITUMINOUS PAVEMENT SECTION  
NO SCALE



**6**  
**3** COMMERCIAL DRIVEWAY  
BITUMINOUS PAVEMENT SECTION  
NO SCALE



**7**  
**3** RESIDENTIAL DRIVEWAY  
CONCRETE PAVEMENT SECTION  
NO SCALE

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DATE	REVISION

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.

*Shane M. Nelson*  
SHANE M. NELSON, P.E.  
Date 3/7/24 Lic. No. 43381

DESIGNED BY:  
TAE  
DRAWN BY:  
TAE  
CHECKED BY:  
SMN



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**XKIMO STREET SURFACE  
IMPROVEMENT PROJECT**

**CONSTRUCTION NOTES  
AND TYPICAL SECTIONS**  
CITY OF RAMSEY, MINNESOTA

S.A.P. 199-117-002  
SHEET  
3  
OF  
27  
SHEETS  
RA3188