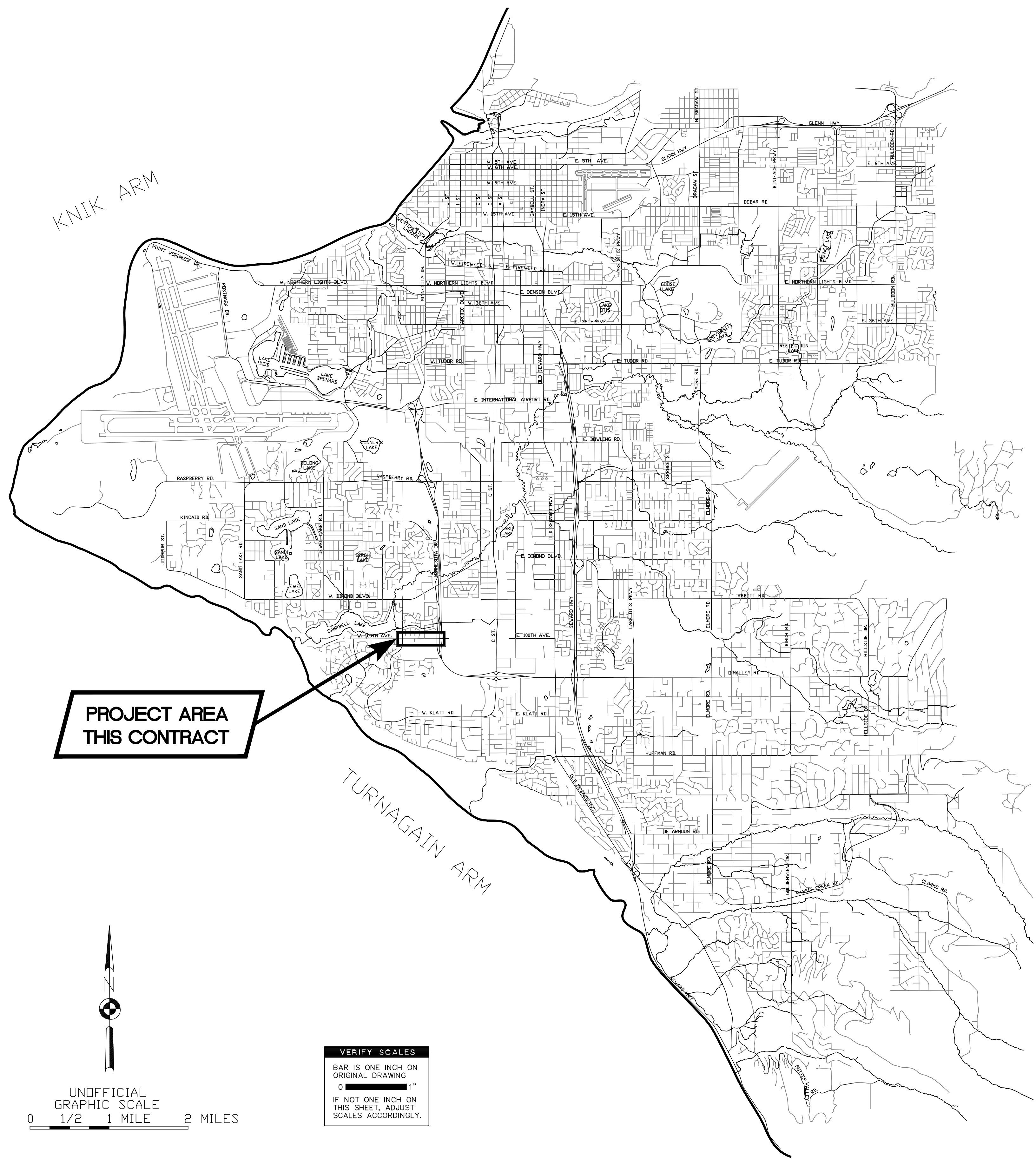


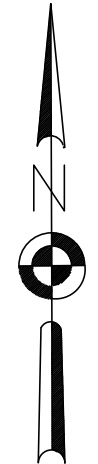
File: G:\Public Works\PM\PROJECT FILES\2022\22-06 100th Ave Surface Rehab - Minnesota To Victor\Design\Design\01 DESIGN\01 CIVIL\22-06 COVER SHEET.dwg



# MUNICIPALITY OF ANCHORAGE PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

## 100TH AVENUE SURFACE REHABILITATION MINNESOTA DRIVE TO VICTOR ROAD 22-06

**PROJECT AREA  
THIS CONTRACT**

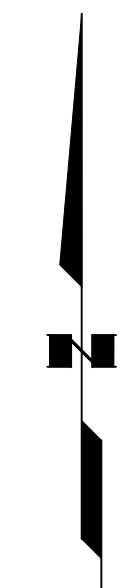
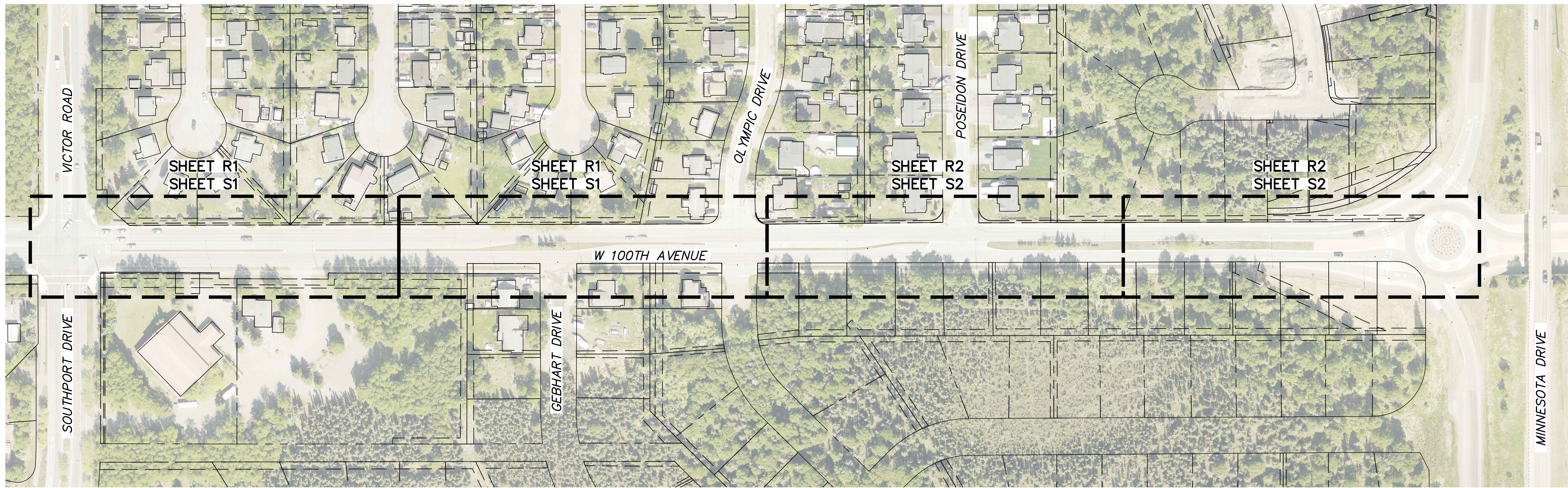


UNOFFICIAL  
GRAPHIC SCALE  
0 1/2 1 MILE 2 MILES

**VERIFY SCALES**  
BAR IS ONE INCH ON  
ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY.

APPROVED BY:

BRANDON TELFORD, P.E.  
MUNICIPAL ENGINEER



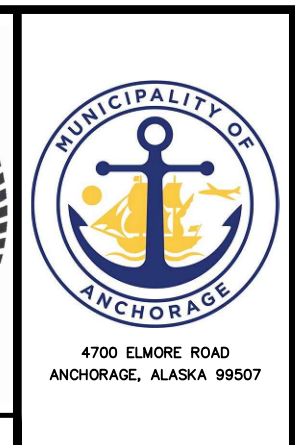
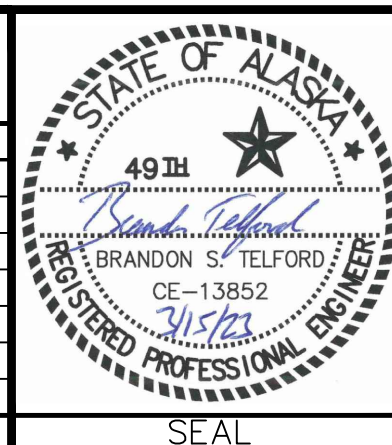
PLAN LEGEND

SYMBOL			SYMBOL		
EXISTING	PROPOSED		EXISTING	PROPOSED	
---	---	CENTERLINE	⊙	⊙	STORM DRAIN MANHOLE
---	---	PROPERTY LINE	⊗	⊗	STORM DRAIN CATCH BASIN MANHOLE
---	---	ROW LINE	□	□	STORM DRAIN CATCH BASIN
---	---	EASEMENT LINE	○	○	SANITARY SEWER MANHOLE
---	---	SECTION LINE	⊗ c.o.	⊗ c.o.	SANITARY SEWER/SUBDRAIN CLEANOUT
---	---	UNPAVED (GRAVEL) EDGE OF ROAD/DRIVEWAY	▽	▽	SEWER SERVICE CONNECTION
---	---	EDGE OF PAVEMENT	⊗	⊗	WATER KEY BOX/VALVE MARKER
---	---	CURB & GUTTER	⊗	⊗	FIRE HYDRANT
⊙	⊙	STREET SIGN	— G —	— G —	GAS LINE
⊕	⊕	BRASS CAP MONUMENT	— S —	— S —	SANITARY SEWER LINE
⊖	⊖	ALUMINUM CAP MONUMENT	— SD —	— SD —	STORM DRAIN LINE
▨	▨	HOUSE OR STRUCTURE	— W —	— W —	WATER LINE
▨	▨	DIGOUT SECTION	— SL —	— SL —	UNDERGROUND STREET LIGHT ELECTRIC (MOA ONLY)
▨	▨	PAVEMENT REMOVAL/REPLACEMENT	▢	▢	J-BOX TYPE IA
▨	▨	TREE PRUNING (CLEARING) LIMITS	▢	▢	J-BOX TYPE II
⊕	⊕	ADA RAMP PLACEMENT (SEE CURB RAMP SUMMARY)	▢	▢	J-BOX TYPE III
			⊕ u.e.	⊕ u.e.	UNDERGROUND ELECTRIC PEDESTAL
			⊕	⊕	ELECTRICAL MANHOLE/J-BOX
			⊕	⊕	LUMINAIRE

SHEET INDEX	
SHEET NO.	DESCRIPTION
GENERAL SHEETS	
G1	COVER SHEET
G2	KEY MAP & LEGEND
G3	GENERAL NOTES & ABBREVIATIONS
TYPICAL SECTION & DETAIL SHEETS	
C1	TYPICAL SECTIONS
C2	TYPICAL SECTIONS
C3	DETAILS
ROADWAY SHEETS	
R1	ROADWAY PLAN
R2	ROADWAY PLAN
R3	CURB RAMP DETAILS
SIGNING & STRIPING SHEETS	
S1	SIGNING & STRIPING PLAN
S2	SIGNING & STRIPING PLAN
S3	SIGN SUMMARY TABLE

RECORD DRAWING  
 DATA PROVIDED BY: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.

FIELD BOOKS	BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY
DESIGN:				BASE TOPOGRAPHY			TELEPHONE						
STAKING:				PROFILE			ELECTRIC						
ASBUILT:				SANITARY SEWER			CABLE TV						
CONTRACTOR:				STORM SEWER			TRAFFIC SIGNAL						
INSPECTOR:				WATER			DESIGN						
				GAS			QUANTITIES						
CONSTRUCTION RECORD		VERTICAL DATUM					MUN. FINAL CHECK					REVISIONS	
							PLAN CHECK						



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT		
22-06	100TH AVENUE SURFACE REHABILITATION	BASE BID
KEY MAP & LEGEND		
SCALE 1"=100'	DATE: MARCH 2023	GRID: SW2428, SW2528
N/A	ACCT. NO.	SHEET G2 of G3

**GENERAL NOTES**

- CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, CURRENT REVISION, HEREAFTER REFERRED TO AS M.A.S.S., AS AMENDED BY THE SPECIAL PROVISIONS.
- NO SURVEY HAS BEEN PERFORMED FOR THIS PROJECT. STATIONING IS APPROXIMATE AND ASSIGNED TO THE CENTER OF THE RIGHT-OF-WAY AND EXTENDS FROM CENTERLINE OF RIGHT-OF-WAY INTERSECTIONS. THE CENTERLINE OF PAVEMENT DOES NOT NECESSARILY MATCH THE CENTERLINE OF RIGHT-OF-WAY. ASPHALT EDGES WERE DETERMINED FROM AERIAL PHOTOGRAPHY AND MAY NOT BE LOCATED EXACTLY WITHIN THE RIGHT-OF-WAY.
- LOCATIONS DEPICTED FOR THE UTILITIES AND OTHER EXISTING FEATURES ARE APPROXIMATE. WATER, SANITARY SEWER, STORM DRAIN AND MOA STREET LIGHTING UTILITIES ARE PROVIDED FROM THE MUNICIPAL GIS SYSTEM. ALL OTHER UTILITIES (GAS, ELECTRIC, TELEPHONE AND CABLE) ARE NOT DEPICTED. CONTRACTOR SHALL LOCATE AND VERIFY ALL UTILITY LOCATIONS AND DEPTHS (WHERE APPROPRIATE) PRIOR TO CONSTRUCTION. CONTRACTOR SHALL LOCATE ALL LIDS/COVERS/ETC. THAT PROTRUDE INTO THE PAVEMENT IN THE FIELD PRIOR TO BEGINNING WORK.
- CONSTRUCTION OPERATIONS REQUIRED FOR THIS PROJECT SHALL REMAIN WITHIN EXISTING M.O.A. RIGHT-OF-WAY AND EASEMENTS, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER AND THE AFFECTED PROPERTY OWNER(S).
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE PERMITS SHALL BE MAINTAINED AT THE JOB SITE.
- CONTRACTOR SHALL MAINTAIN "REDLINE" RECORD DRAWINGS ON A CLEAN SET OF CONSTRUCTION DRAWINGS IN ACCORDANCE WITH M.A.S.S. DIVISION 65 CONSTRUCTION SPECIFICATIONS FOR CONSTRUCTION SURVEY. CONTRACTOR SHALL MAINTAIN "REDLINES" CURRENT ON A DAILY BASIS AND SHALL BE AVAILABLE TO THE ENGINEER FOR INSPECTION ON THE JOBSITE.
- CONTRACTOR SHALL RECORD SURVEY NOTES AND SUBMIT DAILY TO THE ENGINEER. CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH AS-BUILT PLANS, INCLUDING HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD. CONTRACTOR SHALL RECORD ALL DEVIATIONS FROM THE PLANS.
- UNDERGROUND AND OVERHEAD ELECTRICAL AND TELECOMMUNICATION LINES AND POLES OCCUR WITHIN THE PROJECT AREA; CONTRACTOR SHALL COORDINATE WORK ACCORDINGLY. ALL WORK IN CLOSE PROXIMITY TO EXISTING OVERHEAD AND UNDERGROUND LINES AND POLES SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL STATUTES, CODES AND GUIDELINES, AND THE ELECTRICAL FACILITY CLEARANCE REQUIREMENTS OF THE GOVERNING UTILITY. HAND DIGGING IS REQUIRED WITHIN TWO FEET OF BURIED ELECTRICAL CABLE. SOME UTILITIES HAVE BEEN LOCATED FROM RECORD DRAWINGS AND MAY NOT BE VISIBLE. SUPPORTING UNDERGROUND UTILITY LINES AND SHORING UTILITY POLES IS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
- IN AREAS WITH FULL PAVEMENT REMOVAL, CONTRACTOR SHALL SAW CUT EXISTING PAVEMENT (ROADS, RAMPS, PATHWAYS, ETC.) TO A LINE TWO (2) FEET BEYOND THE PROPOSED IMPROVEMENTS, AND MORE IF NECESSARY, DURING THE INITIAL EXCAVATION OPERATIONS. IF EXISTING PAVEMENT HAS BEEN LIFTED, IF EDGE DOES NOT OCCUR IN UNDISTURBED MATERIAL, OR IF EDGE IS LOCATED WITHIN A TRAVEL LANE, FURTHER REMOVAL MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, TO PROVIDE A PROPER TRANSITION BETWEEN NEW AND EXISTING PAVEMENT. SAW CUTTING OF EXISTING PAVEMENT IS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
- PRIOR TO PAVING, THE CONTRACTOR SHALL APPLY TACK COAT TO ALL EXISTING P.C.C. AND A.C. SURFACES THAT WILL CONTACT NEW A.C. PAVEMENT, INCLUDING BETWEEN LIFTS OF NEW A.C. PAVEMENT, ANY SAW CUT ASPHALT FACE, AND FACES OF CURB AND GUTTER.
- CONTRACTOR SHALL SAW CUT CURB & GUTTER AND SIDEWALK AT THE NEAREST JOINT AT OR BEYOND REMOVAL LIMITS OR AS DIRECTED BY THE ENGINEER. SAWCUTTING IS INCIDENTAL TO THE RESPECTIVE BID ITEM.

- TRANSVERSE A.C. JOINTS SHALL BE SKEWED BETWEEN 15 AND 25 DEGREES OF PERPENDICULAR TO CENTERLINE I.A.W. M.A.S.S. SECTION 40.06 ARTICLE 6.5J UNLESS SHOWN OTHERWISE ON DRAWINGS.
- CONTRACTOR SHALL NOT CONSTRUCT CURB RAMPS (OR SCHEDULE CONCRETE TRUCKS) UNTIL THE CURB RAMP LAYOUT HAS BEEN APPROVED BY THE ENGINEER.
- WORK AND MATERIALS REQUIRED FOR REMOVING LITTER, DEBRIS, AND OTHER MATERIALS AS DIRECTED BY THE ENGINEER THAT EXISTS WITHIN THE PROJECT LIMITS IS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
- PREVENT SILT AND SEDIMENT RUNOFF BY SITE CONTAINMENT WITH SEDIMENT CONTROL FIBER ROLLS, SILT FENCE, INLET PROTECTION, OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICE. PAYMENT IS INCIDENTAL TO M.A.S.S. SECTION 20.02 STORMWATER POLLUTION PREVENTION PLAN.
- CONTRACTOR MAY NOT PUMP OR OTHERWISE DIVERT WATER RESULTING FROM CONTRACTOR'S DEWATERING EFFORT OR SURFACE RUNOFF INTO EXISTING STORM DRAINS, UNLESS REQUIRED PERMITS, INCLUDING, BUT NOT LIMITED TO THE ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (A.D.E.C.), ARE OBTAINED BY CONTRACTOR. UNDER NO CIRCUMSTANCES IS THE CONTRACTOR ALLOWED TO DIVERT WATER FROM THE EXCAVATION ONTO THE ROADWAYS. CONTRACTOR SHALL PROVIDE DISPOSAL SITE FOR EXCESS WATER AND IS RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS. CONTRACTOR SHALL PROVIDE COPIES OF PERMITS AND APPROVALS TO THE ENGINEER.
- CONTRACTOR SHALL DELIVER REMOVED FRAMES, SALVAGEABLE MANHOLES AND CATCH BASINS, GRADE RINGS, CONES, LADDERS AND OTHER ITEMS IDENTIFIED IN THE CONTRACT DOCUMENTS, OR AS DETERMINED BY THE ENGINEER, TO THE MOA KLOEP MAINTENANCE YARD AT 5701 NORTHWOOD DRIVE. CONTRACTOR SHALL CALL STREET MAINTENANCE AT 343-8277 AT LEAST TWO WORKING DAYS IN ADVANCE TO COORDINATE DELIVERY. ALL WORK IS INCIDENTAL TO THE CONTRACT, UNLESS SPECIFIED OTHERWISE ELSEWHERE IN THE CONTRACT, AND NO ADDITIONAL PAYMENT SHALL BE MADE.
- CONTRACTOR SHALL RESTORE DISTURBED PROPERTY TO PRECONSTRUCTION CONDITION(S), UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR RESTORING DISTURBED PROPERTY IS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE, UNLESS SPECIFIC BID ITEMS ARE PROVIDED.
- PLACE 4" TOPSOIL AND SEED (SCHEDULE A) ON ALL AREAS DISTURBED AND NOT OTHERWISE IMPROVED. THIS WORK SHALL BE INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
- CONTRACTOR SHALL DELIVER REMOVED SIGN FACES TO THE MOA TRAFFIC PAINT AND SIGN SHOP AT 2389 MT. VIEW DRIVE. CONTRACTOR SHALL CONTACT PAINT & SIGN SHOP AT 343-4384 TO COORDINATE DELIVERY. SIGN REMOVAL AND DELIVERY IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.
- AWWU WILL SUPPLY WATER VALVE LIDS, DUST PANS, AND SANITARY SEWER MANHOLE COVERS ON AN AS NEEDED BASIS DETERMINED BY A PRECONSTRUCTION INSPECTION. INSTALL PER M.A.S.S. AND AS DIRECTED BY THE ENGINEER. WATER VALVE BOXES AND SANITARY SEWER MANHOLES WILL BE ADJUSTED TO FINISH GRADE. WORK SHALL BE INCIDENTAL TO M.A.S.S. 60.03 "REMOVE AND REPLACE VALVE BOX TOP SECTION, VALVE BOX LID, & VALVE BOX DUST PAN" AND 50.06 "REMOVE AND REPLACE MANHOLE GRADE RINGS" AND NO SEPARATE PAYMENT SHALL BE MADE.
- IF TOP SECTION OF VALVE DOES NOT REQUIRE REPLACEMENT, ADJUST VALVE BOXES TO FINISHED GRADE I.A.W. M.A.S.S. 60.03 AND M.A.S.S. STANDARD DETAIL 60-8 OR 60-16.
- ADJUST SANITARY SEWER MANHOLE RINGS I.A.W. M.A.S.S. 50.06 AND DETAIL 50-26.
- ADJUST STORM DRAIN MANHOLE RINGS I.A.W. M.A.S.S. 55.08 AND DETAIL 55-18.

**ABBREVIATIONS**

A.C.	ASPHALT CONCRETE
ADA	AMERICANS WITH DISABILITIES ACT
ADOT&PF	ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
APPROX.	APPROXIMATE
AVE	AVENUE
AWWU	ANCHORAGE WATER AND WASTEWATER UTILITY
B.O.P.	BEGINNING OF PROJECT / BOTTOM OF PIPE
BM	BENCH MARK
C&G	CURB & GUTTER
CB	CATCH BASIN
CC	CURB CUT
CIPP	CURED IN PLACE PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONST.	CONSTRUCT
CU	COPPER
DIP	DUCTILE IRON PIPE
DR	DRIVE
DTL	DETAIL
D.W.	DETECTABLE WARNING
E.O.P.	END OF PROJECT
EP	EDGE OF PAVEMENT
EL	ELEVATION
EL	EASEMENT LINE
EST.	ESTIMATED
EX	EXISTING
F&I	FURNISH AND INSTALL
F.G.	FINISHED GRADE
F&G	FRAME AND GRATE
FL	FLOW LINE
FT	FEET
I.A.W.	IN ACCORDANCE WITH
INV.	INVERT
J-BOX	JUNCTION BOX
L.C.	LEVELING COURSE
LT.	LEFT
M.A.S.S.	MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, 2015 AS CURRENTLY AMENDED
MAX.	MAXIMUM
M.E.	MATCH EXISTING
MH	MANHOLE
MIN.	MINIMUM
MPH	MILES PER HOUR
N/A	NOT APPLICABLE
N.T.S.	NOT TO SCALE
P.C.C.	PORTLAND CEMENT CONCRETE
PCMP	PRECOATED CORRUGATED METAL PIPE
PL	PROPERTY LINE
PST.	PERFORATED STEEL TUBE
P.U.E.	PUBLIC USE EASEMENT
R.	RADIUS
R&R	REMOVE AND REPLACE / RELOCATE / RE-SET
RD	ROAD
R.O.W.	RIGHT-OF-WAY
RT.	RIGHT
SD	STORM DRAIN
SF	SQUARE FEET
S.I.	STREET INTERSECTION
SL	STREET LIGHTING
S.P.	SPECIAL PROVISION
SS	SANITARY SEWER
STA	STATION
STD. DTL.	M.A.S.S. STANDARD DETAIL
ST	STREET
S/W	SIDEWALK
TYP	TYPICAL
V.B.	VALVE BOX
W	WHITE / WATER / WEST
Y	YELLOW
(30')	DIMENSION FROM RECORD DRAWINGS
(A)	DETAIL AND SHEET NUMBER FOR DETAIL

**CALL BEFORE YOU DIG (811)**

THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:

LOCATE CALL CENTER OF ALASKA 278-3121 (INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

STATE STORM/STREET LIGHTS	333-2411
MILITARY FUEL LINES	552-3760
AK RAILROAD	265-2520

RECORD DRAWING

DATA PROVIDED BY: \_\_\_\_\_

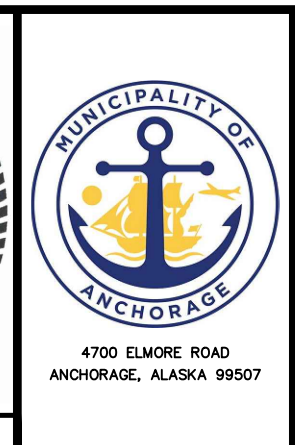
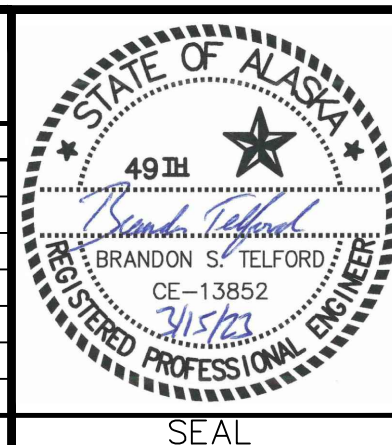
TITLE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

DATE: \_\_\_\_\_

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FIELD BOOKS	BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY		
DESIGN:				BASE TOPOGRAPHY			TELEPHONE ELECTRIC								
STAKING:				PROFILE			CABLE TV								
ASBUILT:				SANITARY SEWER			TRAFFIC SIGNAL								
CONTRACTOR:				STORM SEWER			DESIGN								
INSPECTOR:				WATER			QUANTITIES								
				GAS			MUN. FINAL CHECK								
CONSTRUCTION RECORD				VERTICAL DATUM				PLAN CHECK				REVISIONS			

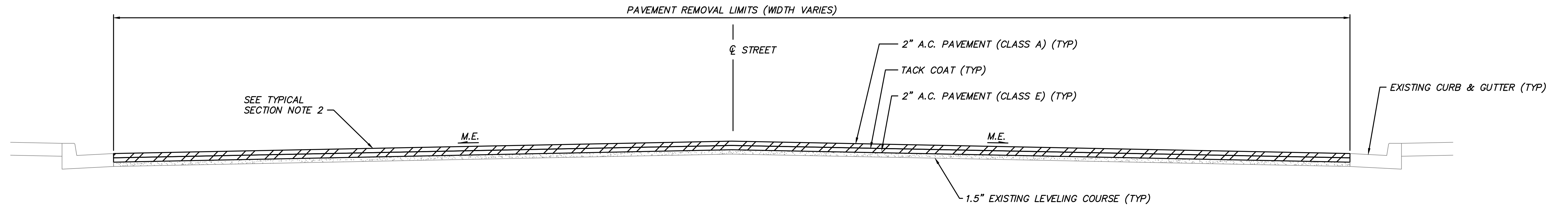


PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

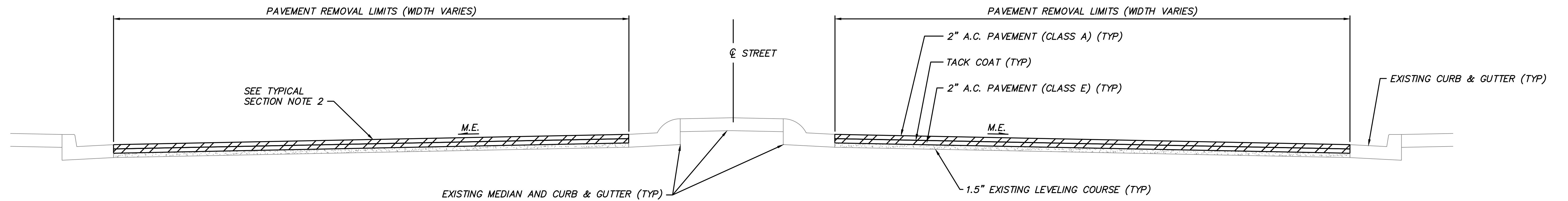
22-06 100TH AVENUE SURFACE REHABILITATION BASE BID

**GENERAL NOTES & ABBREVIATIONS**

SCALE	N/A	DATE: MARCH 2023	GRID: SW2428, SW2528	SHEET	G3
	N/A	ACCT. NO.			of G3



1
C1
**PAVEMENT REMOVAL DETAIL - ROAD SECTIONS WITHOUT MEDIAN**



2
C1
**PAVEMENT REMOVAL DETAIL - ROAD SECTIONS WITH MEDIAN**

**TYPICAL SECTION NOTES:**

1. SEE ROADWAY PLAN (R) SHEETS FOR PAVEMENT REMOVAL/REPLACEMENT LIMITS.
2. EXISTING PAVEMENT WITHIN THE CONSTRUCTION LIMITS SHALL BE COMPLETELY REMOVED. REMOVE AND REGRADE EXISTING LEVELING COURSE AS NECESSARY TO ACCOMMODATE 4-INCHES OF NEW PAVEMENT (EXISTING PAVEMENT IS APPROX 3.5-INCHES THICK).
3. TOP OF AC PAVEMENT (CLASS A) SHALL BE 1/8" - 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED (SEE SHEET R3 GENERAL CURB RAMP NOTE #1).
4. CROSS SLOPES SHALL MATCH EXISTING OR AS DIRECTED BY THE ENGINEER.
5. EXISTING MEDIAN, CURB & GUTTER, PATHWAY, AND SIDEWALK TO REMAIN IN PLACE, UNLESS SHOWN ON DRAWINGS OR AS DIRECTED BY THE ENGINEER.
6. CENTERLINE OF PAVEMENT DOES NOT NECESSARILY MATCH THE CENTERLINE OF R.O.W.

RECORD DRAWING

DATA PROVIDED BY: \_\_\_\_\_

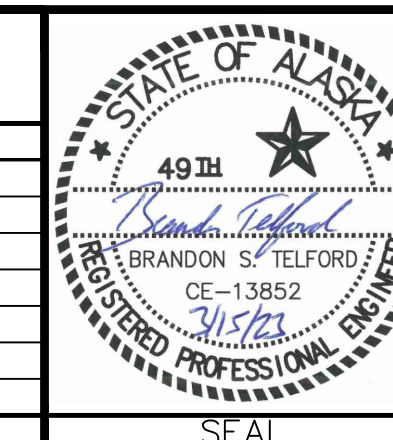
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CONTRACTOR: \_\_\_\_\_

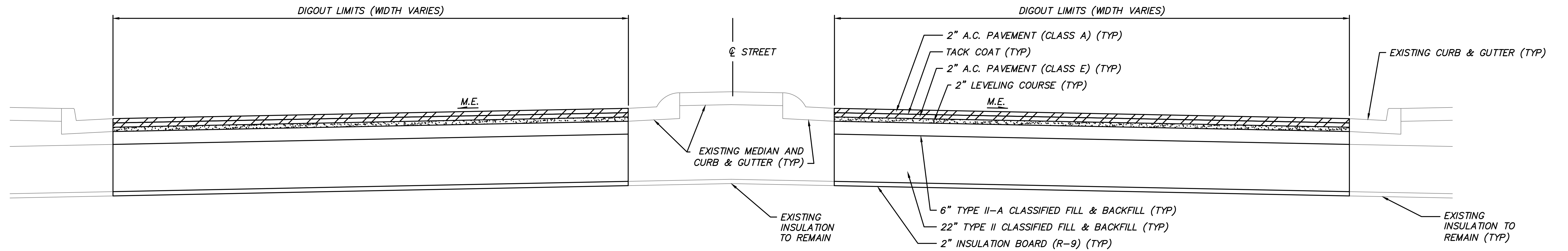
DATE: \_\_\_\_\_

THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.

FIELD BOOKS	BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY		
DESIGN:				BASE			TELEPHONE								
STAKING:				TOPOGRAPHY			ELECTRIC								
ASBUILT:				PROFILE			CABLE TV								
CONTRACTOR:				SANITARY SEWER			TRAFFIC SIGNAL								
INSPECTOR:				STORM SEWER			DESIGN								
				WATER			QUANTITIES								
				GAS			MUN. FINAL CHECK								
CONSTRUCTION RECORD				VERTICAL DATUM				PLAN CHECK				REVISIONS			



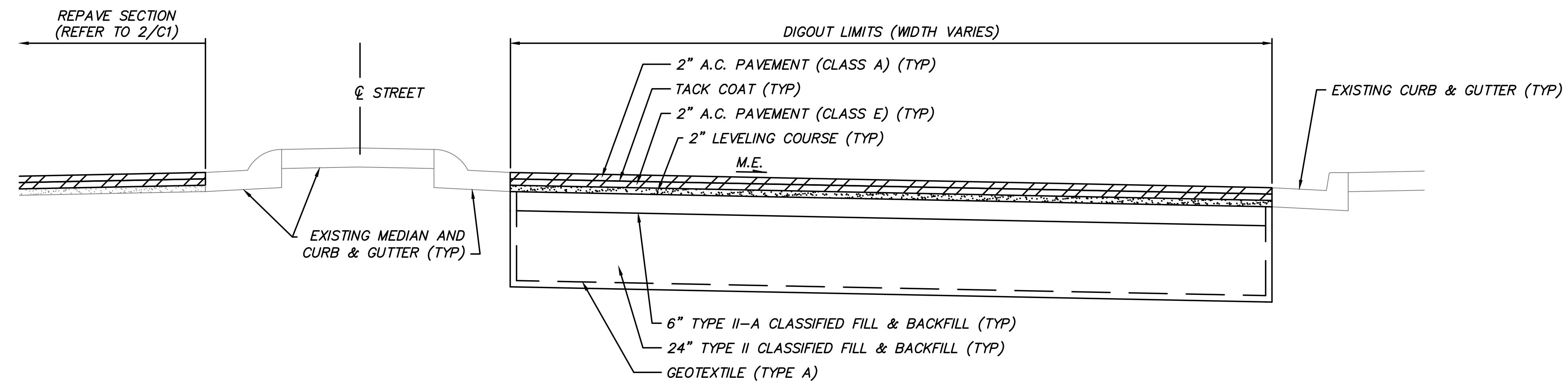
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
22-06	100TH AVENUE SURFACE REHABILITATION	BASE BID	
TYPICAL SECTIONS			
SCALE N/A	N/A	DATE: MARCH 2023	GRID: SW2428, SW2528
		ACCT. NO.	SHEET C1 of C3



1  
C2

**DIGOUT SECTION - INSULATED**

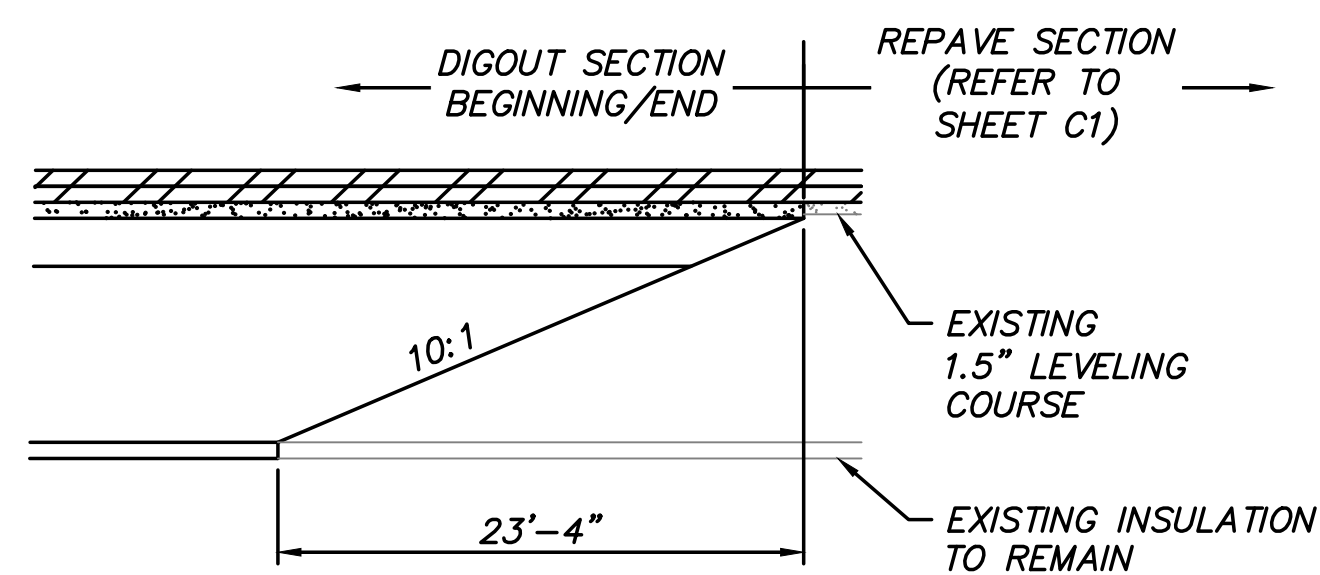
STA 10+65 TO STA 12+45



2  
C2

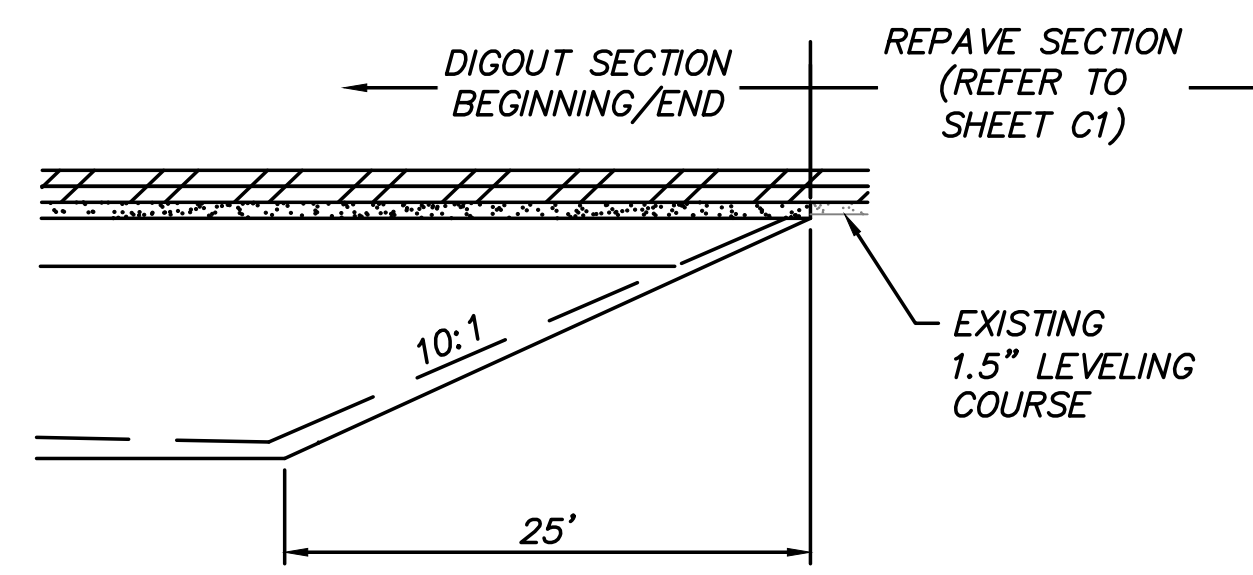
**DIGOUT SECTION - UNINSULATED**

STA 21+24 TO STA 22+06



3  
C2

**DIGOUT TRANSITION DETAIL - INSULATED**



4  
C2

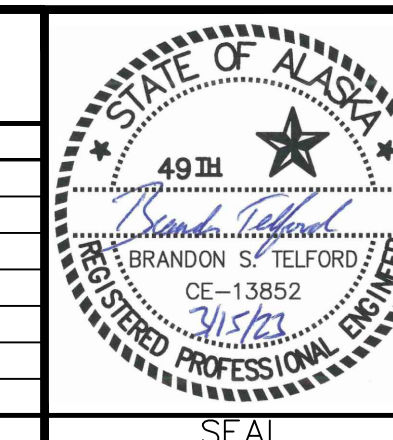
**DIGOUT TRANSITION DETAIL - UNINSULATED**

**TYPICAL SECTION NOTES:**

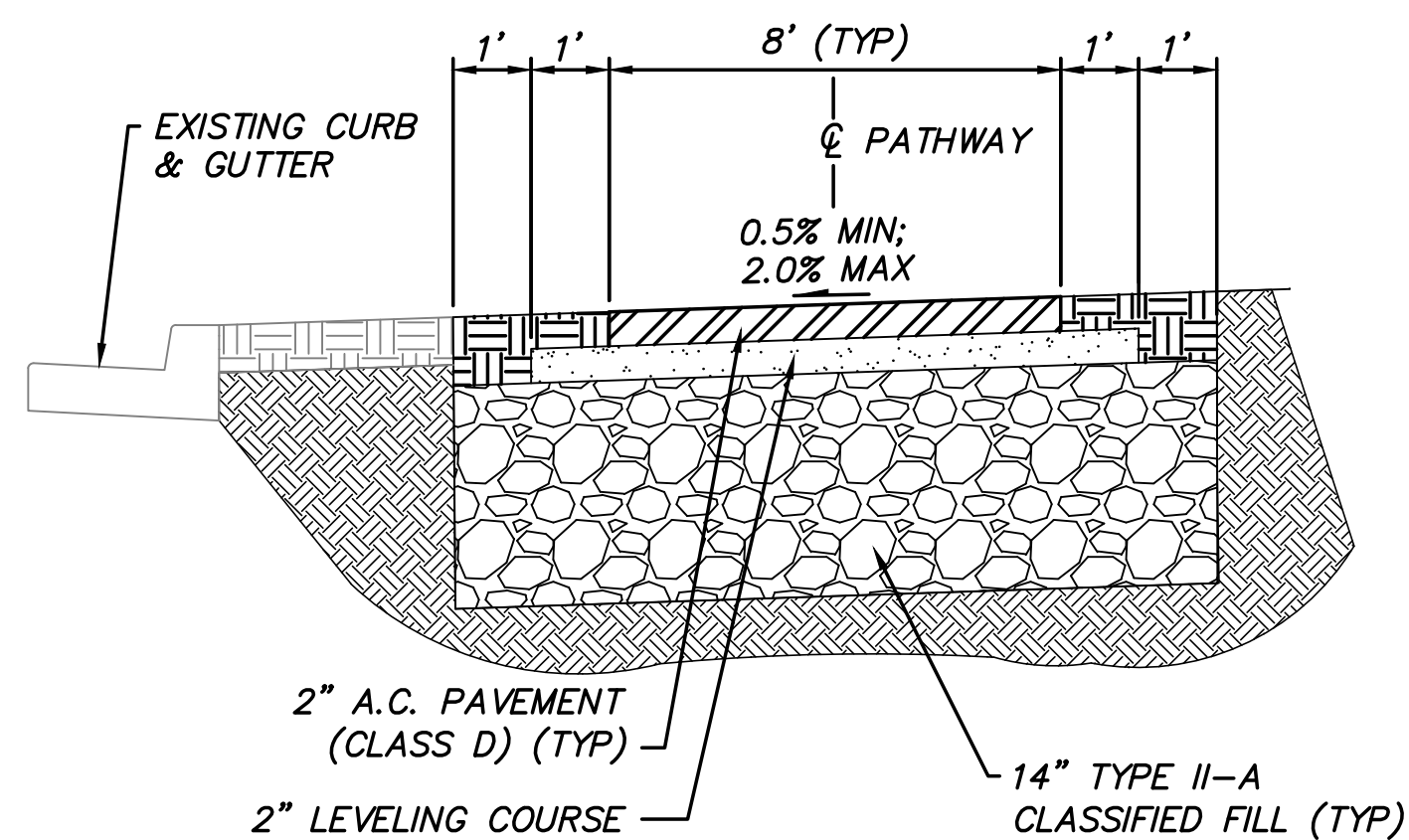
1. SEE ROADWAY PLAN (R) SHEETS FOR DIGOUT LOCATIONS AND LIMITS.
2. NATURAL GAS PIPING AND SHALLOW UNDERGROUND HIGH VOLTAGE ELECTRICAL TRANSMISSION LINES ARE PRESENT WITHIN THE LIMITS OF THE DIGOUTS. REFER TO THE SPECIAL DETAILS IN THE PROJECT MANUAL AND ACQUIRE UTILITY LOCATES PRIOR TO EXCAVATION.
3. TOP OF AC PAVEMENT (CLASS A) SHALL BE 1/8" - 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED (SEE SHEET R3 GENERAL CURB RAMP NOTE #1).
4. CROSS SLOPES SHALL MATCH EXISTING OR AS DIRECTED BY THE ENGINEER.
5. EXISTING MEDIAN, CURB & GUTTER, PATHWAY, AND SIDEWALK TO REMAIN IN PLACE, UNLESS SHOWN ON DRAWINGS OR AS DIRECTED BY THE ENGINEER.
6. CENTERLINE OF PAVEMENT DOES NOT NECESSARILY MATCH THE CENTERLINE OF R.O.W.

RECORD DRAWING  
 DATA PROVIDED BY: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.

FIELD BOOKS	BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY
DESIGN:				BASE			TELEPHONE						
STAKING:				TOPOGRAPHY			ELECTRIC						
ASBUILT:				PROFILE			CABLE TV						
CONTRACTOR:				SANITARY SEWER			TRAFFIC SIGNAL						
INSPECTOR:				STORM SEWER			DESIGN						
				WATER			QUANTITIES						
				GAS			MUN. FINAL CHECK						
CONSTRUCTION RECORD		VERTICAL DATUM					PLAN CHECK					REVISIONS	

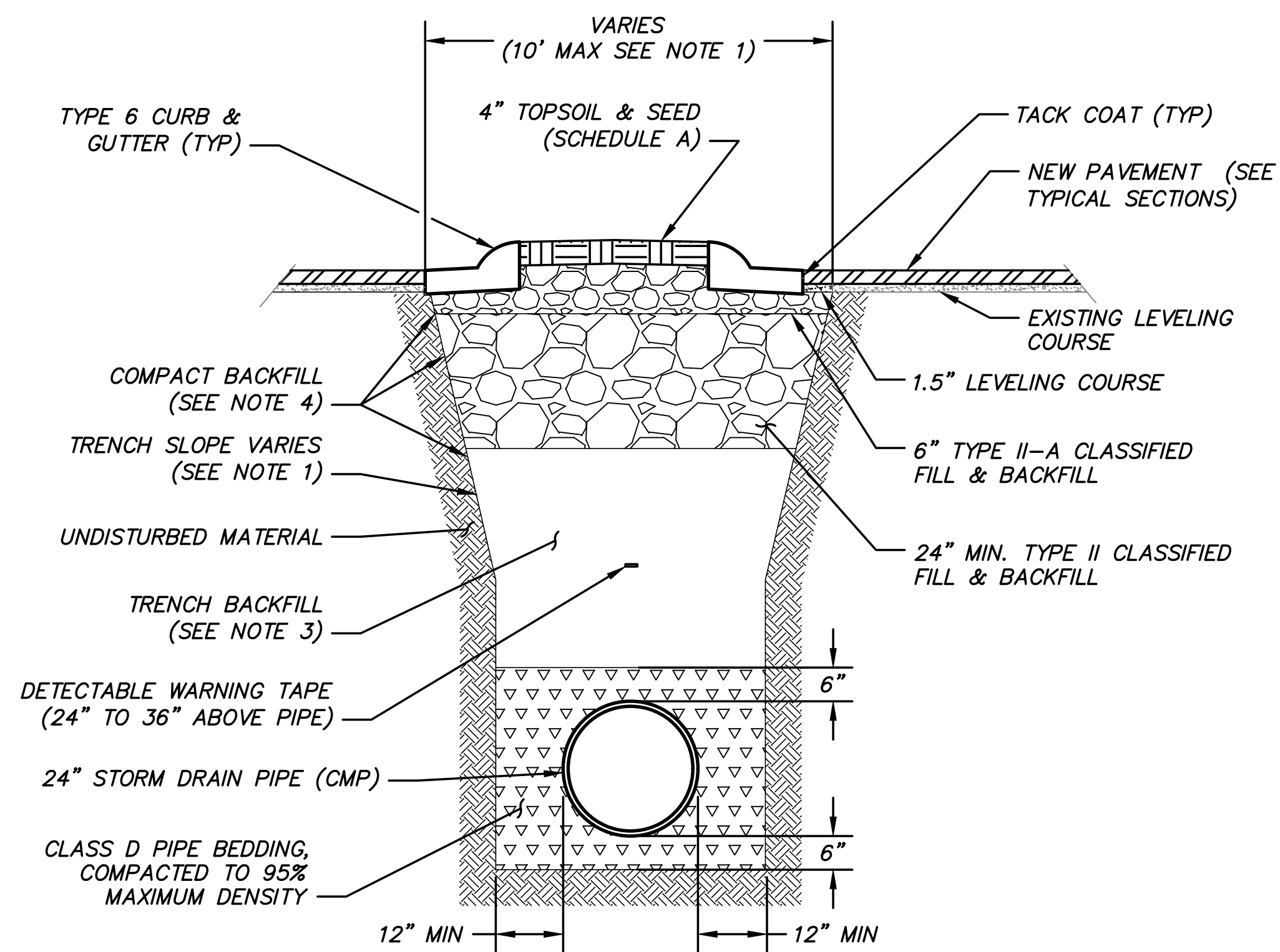


PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT		
22-06	100TH AVENUE SURFACE REHABILITATION	BASE BID
TYPICAL SECTIONS		
SCALE: N/A	DATE: MARCH 2023	GRID: SW2428, SW2528
ACCT. NO.		SHEET C2 of C3



**PATHWAY REPAIR NOTES:**

1. IN LOCATIONS IDENTIFIED ON THE DRAWINGS, CONTRACTOR SHALL REMOVE THE PAVEMENT ON THE DETACHED PATHWAY AND EXCAVATE A TOTAL DEPTH OF 18", THE WIDTH OF THE PAVEMENT PLUS TWO FEET ON EACH SIDE (12' TYPICALLY). REMOVAL OF THE SURFACE ORGANICS ADJACENT TO THE PAVEMENT IS PAID UNDER THE BID ITEM "UNUSABLE EXCAVATION". CONTRACTOR SHALL FURNISH AND INSTALL 14" TYPE II-A, 2" LEVELING COURSE AND THE TOP COURSE IN ACCORDANCE WITH THE PATHWAY DETAIL ON THIS SHEET (8' WIDE, 2" DEEP CLASS D PAVEMENT). CONTRACTOR SHALL PLACE TOPSOIL AND SEED (SCHEDULE A) ON THE REMAINING 2' ON EACH SIDE OF THE PAVEMENT.
2. SHALLOW UNDERGROUND HIGH VOLTAGE ELECTRICAL TRANSMISSION LINES ARE PRESENT WITHIN THE VICINITY OF THE PATHWAY REPAIRS. REFER TO THE SPECIAL DETAILS IN THE PROJECT MANUAL AND ACQUIRE UTILITY LOCATES PRIOR TO EXCAVATION.



**NOTES:**

1. TRENCH WALL SLOPES AND TRENCH WIDTH WILL VARY WITH SOIL STRENGTH AND CHARACTER. BASIS OF PAYMENT FOR CLASSIFIED FILL SHALL BE BASED ON A MAXIMUM TRENCH WIDTH OF 10- FEET. CONTRACTOR SHALL DETERMINE ACTUAL TRENCH WALL SLOPES AND WIDTH BASED ON COMPLIANCE WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS.
2. TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS.
3. TRENCH BACKFILL SHALL BE EXISTING MATERIAL MEETING TYPE III CLASSIFICATION (MINIMUM) AS APPROVED BY THE ENGINEER. MATERIAL NOT MEETING TYPE III CLASSIFICATION SHALL BE REMOVED AND REPLACED WITH TYPE II CLASSIFIED MATERIAL.
4. PLACE AND COMPACT TRENCH BACKFILL MATERIAL IN 12" LIFTS. COMPACT TRENCH BACKFILL TO A MINIMUM OF 95% MAXIMUM DENSITY.
5. CONTRACTOR SHALL APPLY TACK COAT TO ALL CONTACT SURFACES INCLUDING CURBING, GUTTERS, MANHOLES, AND EDGES OF EXISTING PAVEMENT AS SPECIFIED IN THE CONTRACT DOCUMENTS OR AS APPROVED BY THE ENGINEER.
6. TRENCH EXCAVATION, BACKFILL, AND BEDDING MATERIAL ARE MEASURED PER LINEAR FOOT, REGARDLESS OF DEPTH.
7. CLEARING AND GRUBBING IS INCIDENTAL TO BID ITEM "UNUSABLE EXCAVATION" AND NO SEPARATE PAYMENT SHALL BE MADE.

**CALL BEFORE YOU DIG (811)**

THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCEMENT OF EXCAVATION. THE FOLLOWING IS A PARTIAL LIST:

LOCATE CALL CENTER OF ALASKA 278-3121  
(INCLUDES ACS, AWWU, CEA, ENG, BUTLER AVIATION/ TESORO, GCI CABLE, MLP, TRAFFIC SIGNALS, MOA STORM/STREETS, AND ALASKA FIBER STAR.)

STATE STORM/STREET LIGHTS 333-2411  
MILITARY FUEL LINES 552-3760  
AK RAILROAD 265-2520

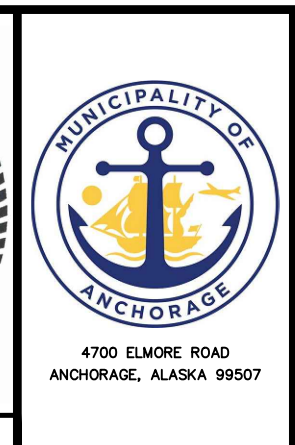
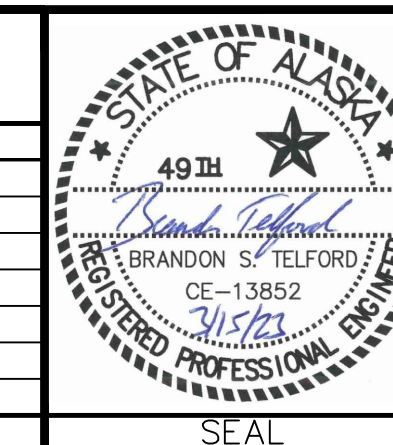
1  
C3

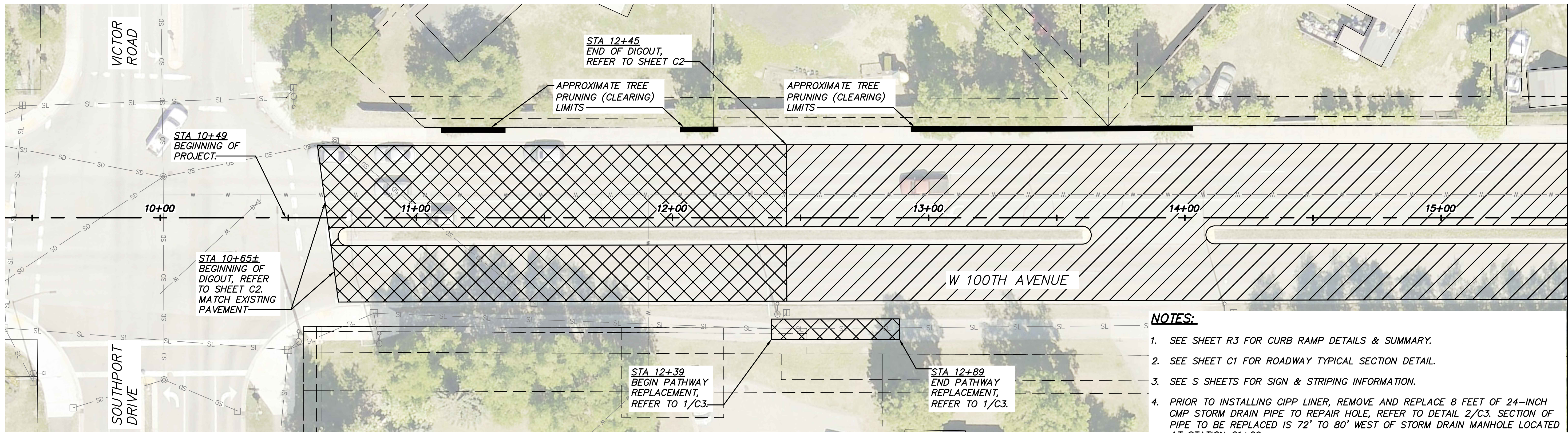
**DETACHED PATHWAY REPAIR DETAIL**

2  
C3

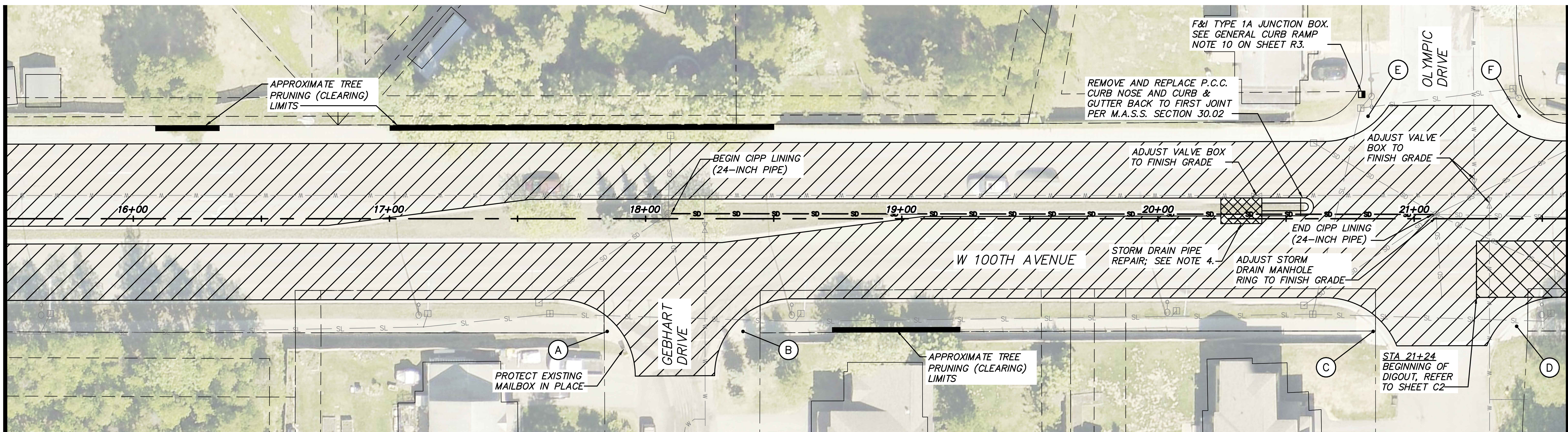
**STORM DRAIN PIPE TRENCH DETAIL**

RECORD DRAWING		PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT															
DATA PROVIDED BY:		22-06 100TH AVENUE SURFACE REHABILITATION BASE BID															
TITLE:		DETAILS															
CONTRACTOR:		SCALE N/A N/A DATE: MARCH 2023 GRID: SW2428, SW2528 SHEET C3 of C3															
DATE:		ACCT. NO.															
THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.		FIELD BOOKS		BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY	
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		STAKING:					PROFILE			ELECTRIC							
		ASBUILT:					SANITARY SEWER			CABLE TV							
		CONTRACTOR:		BASIS OF DATUM:			STORM SEWER			TRAFFIC SIGNAL							
		INSPECTOR:					WATER			DESIGN							
		CONSTRUCTION RECORD		VERTICAL DATUM			GAS			QUANTITIES							
										MUN. FINAL CHECK							
										PLAN CHECK							
										REVISIONS							



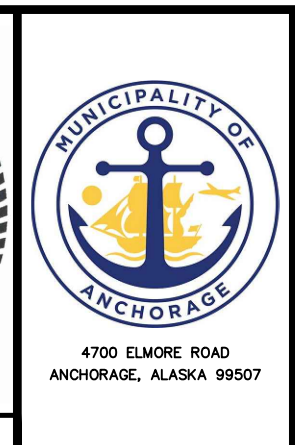
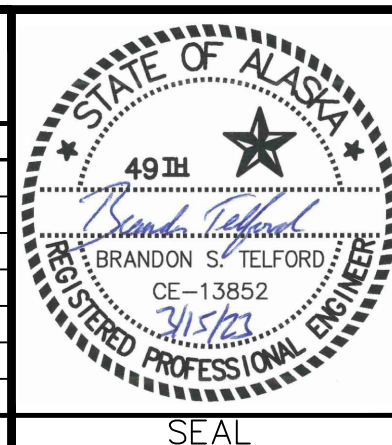


- NOTES:**
1. SEE SHEET R3 FOR CURB RAMP DETAILS & SUMMARY.
  2. SEE SHEET C1 FOR ROADWAY TYPICAL SECTION DETAIL.
  3. SEE S SHEETS FOR SIGN & STRIPING INFORMATION.
  4. PRIOR TO INSTALLING CIPP LINER, REMOVE AND REPLACE 8 FEET OF 24-INCH CMP STORM DRAIN PIPE TO REPAIR HOLE, REFER TO DETAIL 2/C3. SECTION OF PIPE TO BE REPLACED IS 72' TO 80' WEST OF STORM DRAIN MANHOLE LOCATED AT STATION 21+09.

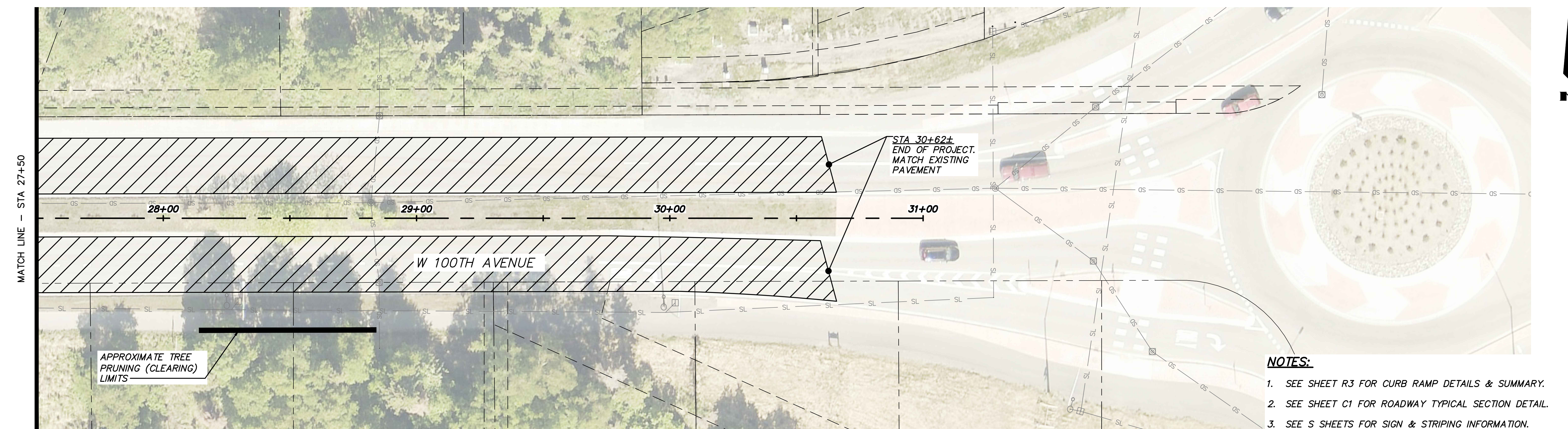
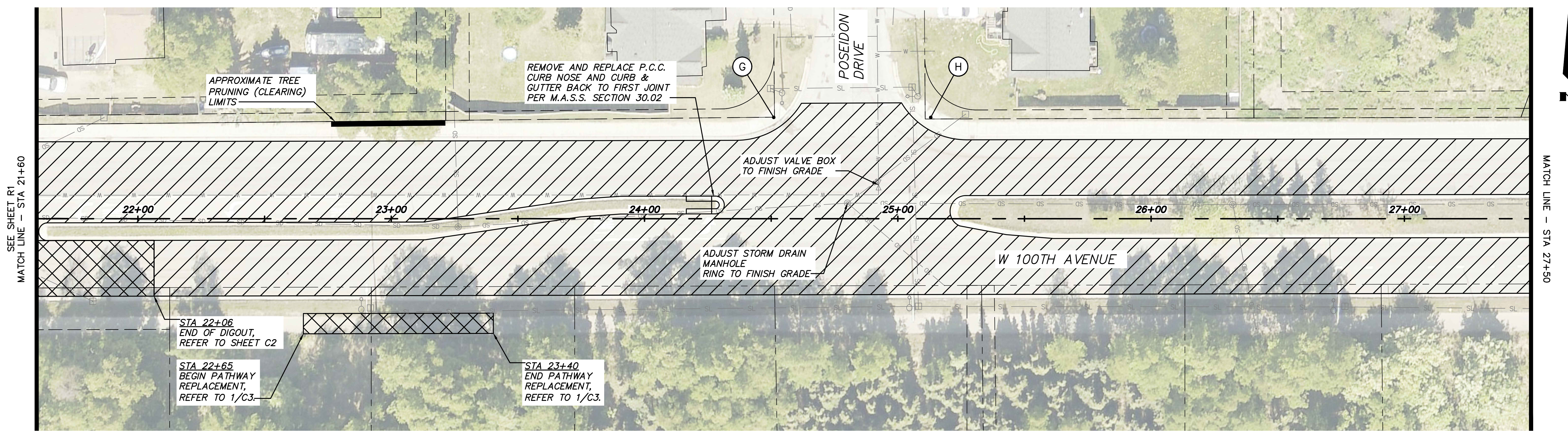


RECORD DRAWING  
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 TITLE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
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FIELD BOOKS		BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY	
DESIGN:					BASE TOPOGRAPHY			TELEPHONE							
STAKING:					PROFILE			ELECTRIC							
ASBUILT:					SANITARY SEWER			CABLE TV							
CONTRACTOR:					STORM SEWER			TRAFFIC SIGNAL							
INSPECTOR:					WATER			DESIGN							
					GAS			QUANTITIES							
CONSTRUCTION RECORD		VERTICAL DATUM		PLAN CHECK		REVISIONS									



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT  
 22-06 100TH AVENUE SURFACE REHABILITATION BASE BID  
**ROADWAY PLAN**  
 BOP TO STA 21+60  
 SCALE: HOR. 1"=20' VER. N/A DATE: MARCH 2023 GRID: SW2428, SW2528 SHEET R1 of R3



- NOTES:**
1. SEE SHEET R3 FOR CURB RAMP DETAILS & SUMMARY.
  2. SEE SHEET C1 FOR ROADWAY TYPICAL SECTION DETAIL.
  3. SEE S SHEETS FOR SIGN & STRIPING INFORMATION.

RECORD DRAWING

DATA PROVIDED BY: \_\_\_\_\_

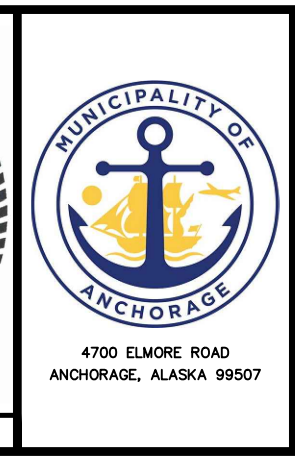
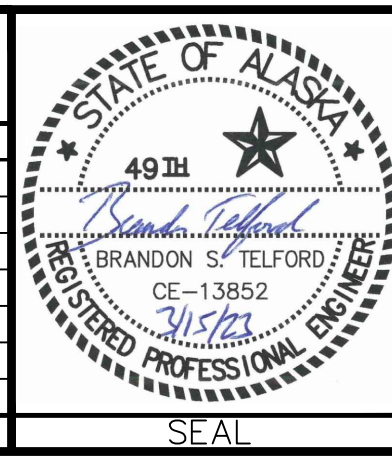
TITLE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

DATE: \_\_\_\_\_

THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.

FIELD BOOKS		BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY
DESIGN:					BASE			TELEPHONE						
STAKING:					TOPOGRAPHY			ELECTRIC						
ASBUILT:					PROFILE			CABLE TV						
CONTRACTOR:					SANITARY SEWER			TRAFFIC SIGNAL						
INSPECTOR:					STORM SEWER			DESIGN						
CONSTRUCTION RECORD					WATER			QUANTITIES						
					GAS			MUN. FINAL CHECK						



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

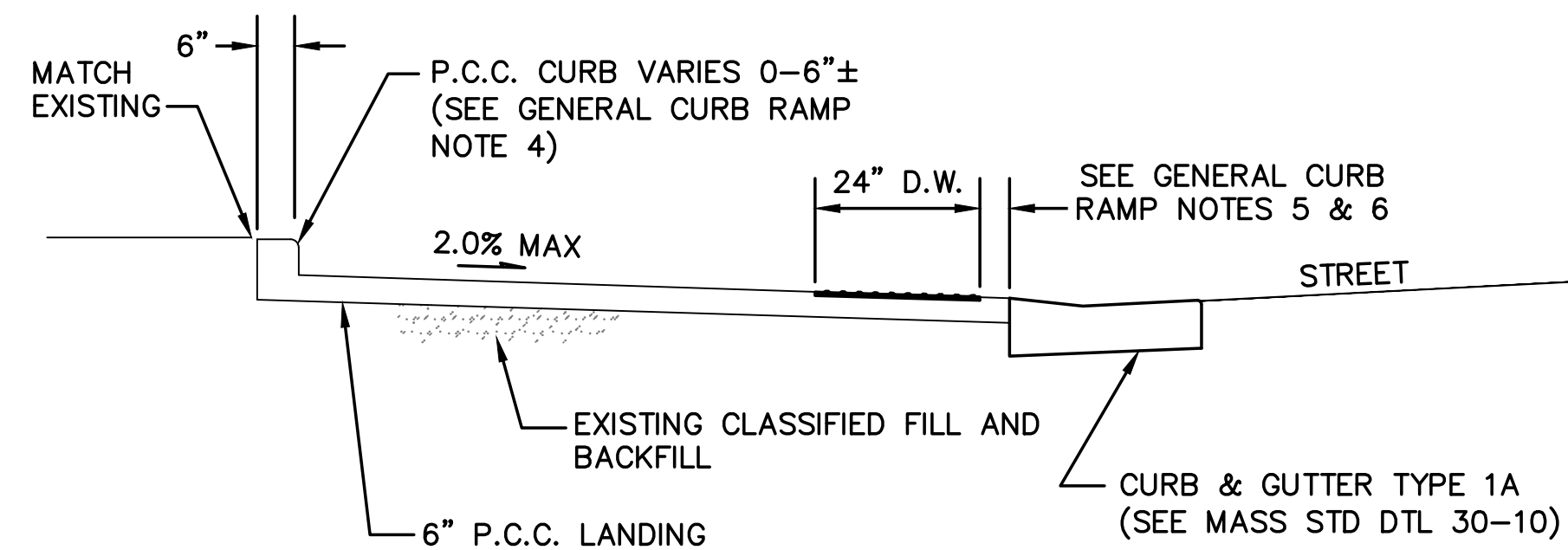
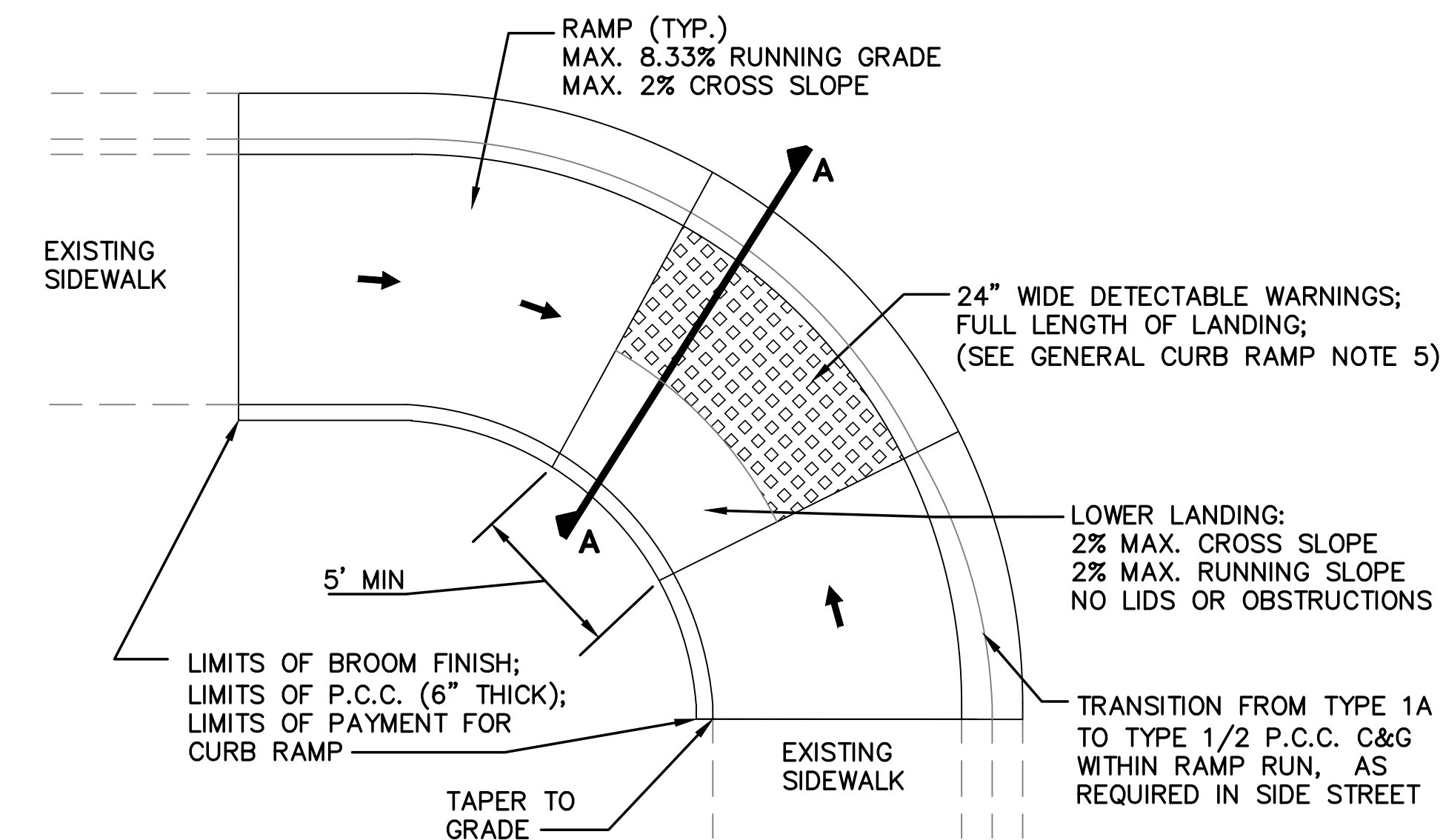
22-06 100TH AVENUE SURFACE REHABILITATION BASE BID

**ROADWAY PLAN**

STA 21+60 TO EOP

SCALE: HOR. 1"=20' VER. N/A DATE: MARCH 2023 GRID: SW2428, SW2528 SHEET R2 of R3





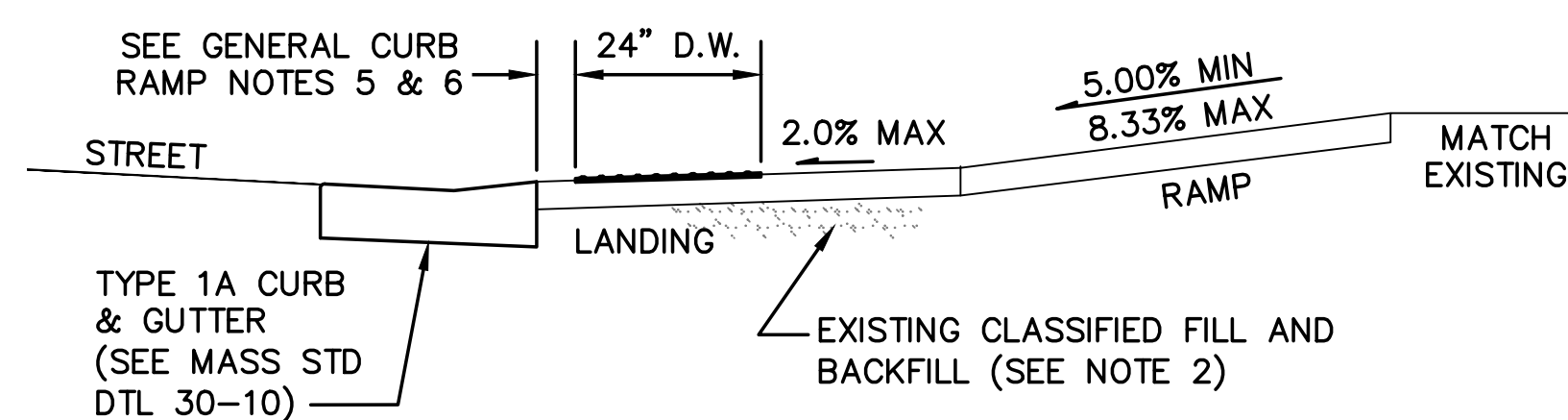
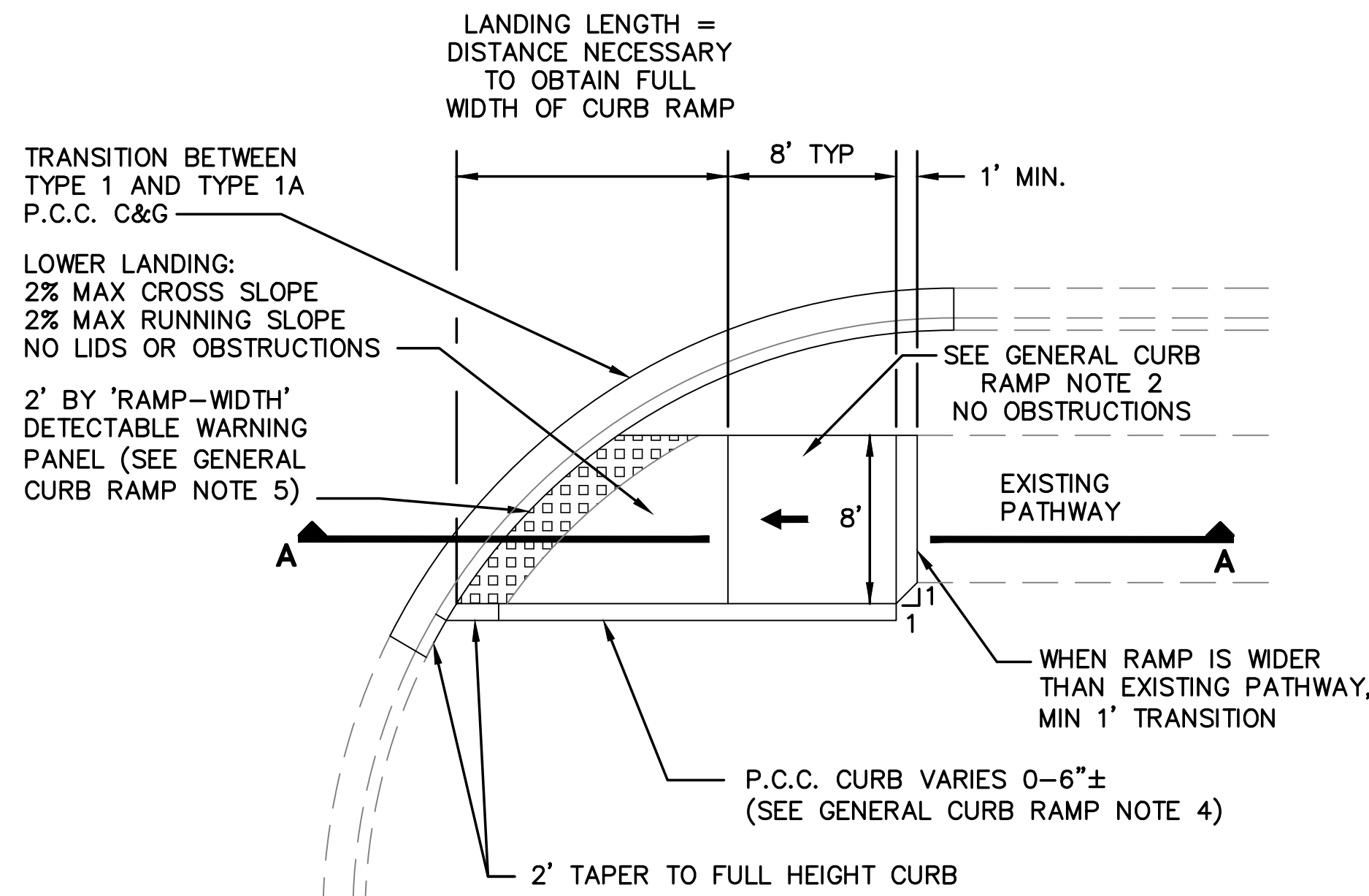
**SECTION AA**

**PARALLEL CURB RAMP NOTES:**

1. CONSTRUCT RAMPS AND LANDINGS WITH A BROOM FINISH PERPENDICULAR TO CURB.

1  
R3

**PARALLEL CURB RAMP (NTS)**



**SECTION AA**

**UNIDIRECTIONAL CURB RAMP NOTES:**

1. CONSTRUCT RAMPS AND LANDINGS WITH A BROOM FINISH PERPENDICULAR TO LONG DIRECTION OF RAMP.
2. CONTRACTOR SHALL REMOVE THE ASPHALT ON THE DETACHED PATHWAY AND EXCAVATE AS REQUIRED TO ACCOMMODATE 6" P.C.C. CURB RAMP. THIS WORK IS PAID UNDER BID ITEMS "REMOVE PAVEMENT" AND "UNUSABLE EXCAVATION."

2  
R3

**UNIDIRECTIONAL CURB RAMP (NTS)**

**GENERAL CURB RAMP NOTES:**

1. TOP OF AC PAVEMENT SHALL BE AT SAME LEVEL AS LIP OF CURB FOR PCC CURB AND GUTTER TYPE 1A OR 2A.
2. CONTRACTOR SHALL CONSTRUCT THE RAMP PORTION OF THE CURB RAMP WITH A 2% MAXIMUM CROSS SLOPE WITH NO MANHOLES, UTILITY JUNCTION BOXES, OR OTHER OBSTRUCTIONS. THE RUNNING SLOPE IS 5% MINIMUM AND 8.33% MAXIMUM, BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
3. CONTRACTOR SHALL CONSTRUCT LANDINGS WITH A MAXIMUM 2% RUNNING SLOPE AND MAXIMUM 2% CROSS SLOPE.
4. CONTRACTOR SHALL CONSTRUCT P.C.C. CURB BEHIND LANDING AND RAMPS WHERE SHOWN OR AS DIRECTED BY THE ENGINEER. P.C.C. CURB IS INCIDENTAL TO CURB RAMP AND NO ADDITIONAL PAYMENT WILL BE MADE.
5. INSTALL DETECTABLE WARNING PANELS (D.W.) IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND THE DRAWINGS. SET DETECTABLE WARNINGS SO THAT THE FIELD AREA AT THE BASE OF THE DOMES IS FLUSH WITH SURROUNDING CONCRETE. NO LIP IS ALLOWED AT THE EDGE OF THE DETECTABLE WARNINGS. D.W. SHALL BE FEDERAL YELLOW, OR APPROVED EQUAL. WHERE RADIAL D.W. ARE REQUIRED TO MEET OFFSET DIMENSIONS AND MANUFACTURED RADIAL D.W. ARE NOT AVAILABLE, CONTRACTOR SHALL CUT D.W. I.A.W. MANUFACTURER'S RECOMMENDATIONS TO PROVIDE RADIAL D.W.
6. DETECTABLE WARNING DIMENSIONS ARE APPROXIMATE FOR BIDDING PURPOSES. THE DETECTABLE WARNING SURFACE SHALL SPAN THE FULL WIDTH OF THE CURB RAMP OR LANDING, OR OTHER ROADWAY ENTRANCE, AS APPLICABLE. A GAP OF 2 INCHES FROM THE EDGE OF THE DETECTABLE WARNING SURFACE TO THE EDGE OF THE CURB RAMP IS PERMITTED WHEN DETECTABLE WARNING PRODUCT REQUIRES A CONCRETE BORDER FOR PROPER INSTALLATION. DETECTABLE WARNINGS ARE INCIDENTAL TO BID ITEM "30.04 P.C.C. CURB RAMP" AND NO SEPARATE PAYMENT SHALL BE MADE.
7. CURB RAMP STATIONING IS TO ASSIST IN LOCATING RAMPS. CONTRACTOR SHALL RECONSTRUCT RAMPS IN THE EXISTING LOCATION UNLESS OTHERWISE SPECIFIED IN THESE DRAWINGS OR DIRECTED BY THE ENGINEER.
8. TRIM OUTSIDE EDGES AND JOINTS OF RAMP AND FLARES WITH ONE-QUARTER INCH (1/4") RADIUS EDGING TOOL.
9. ANY CLEARING AND GRUBBING NECESSARY TO CONSTRUCT PROPOSED ADA CURB RAMPS, AS WELL AS ANY TOPSOIL AND SEEDING NECESSARY ADJACENT TO CONSTRUCTED CURB RAMPS, SHALL BE INCIDENTAL TO BID ITEM "30.04 P.C.C. CURB RAMP" AND NO SEPARATE PAYMENT SHALL BE MADE.
10. CONTRACTOR SHALL REMOVE EXISTING JUNCTION BOX CURRENTLY WITHIN THE CURB RAMP. CONTRACTOR SHALL FURNISH AND INSTALL NEW JUNCTION BOX TO BE SET OUTSIDE OF THE LIMITS OF THE ADA CURB RAMP IN THE LANDSCAPE AREA DOWNSTREAM THE LIGHT POLE AND I.A.W. M.A.S.S. STANDARD DETAIL 80-18. PRIOR TO ANY WORK RELATED TO DEMOLITION OF THE EXISTING JUNCTION BOX OR INSTALLATION OF NEW JUNCTION BOX, CONTRACTOR SHALL MARK PROPOSED JUNCTION BOX LOCATION IN THE FIELD FOR ENGINEER'S APPROVAL. ADDITIONAL LIGHTING CABLE MAY BE REQUIRED FOR JUNCTION BOX RELOCATION. ALL CONDUCTORS SHALL BE PULLED THROUGH INTO POLES. UNDERGROUND SPLICES SHALL NOT BE APPROVED. THIS WORK, AS WELL AS ANY CLEARING AND GRUBBING NECESSARY TO INSTALL NEW JUNCTION BOX, IS INCIDENTAL TO BID ITEM "80.08 JUNCTION BOX" AND NO SEPARATE PAYMENT SHALL BE MADE.
11. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) 2017 EDITION INCLUDING LOCAL AMENDMENTS, AND THE 2015 EDITION OF M.A.S.S. DIVISION 80.

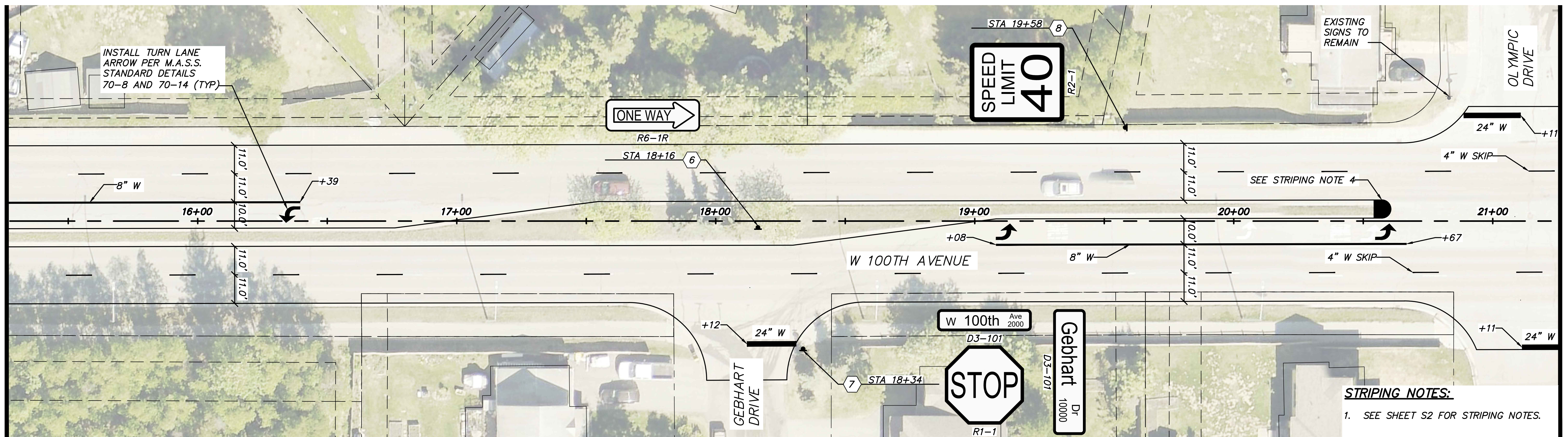
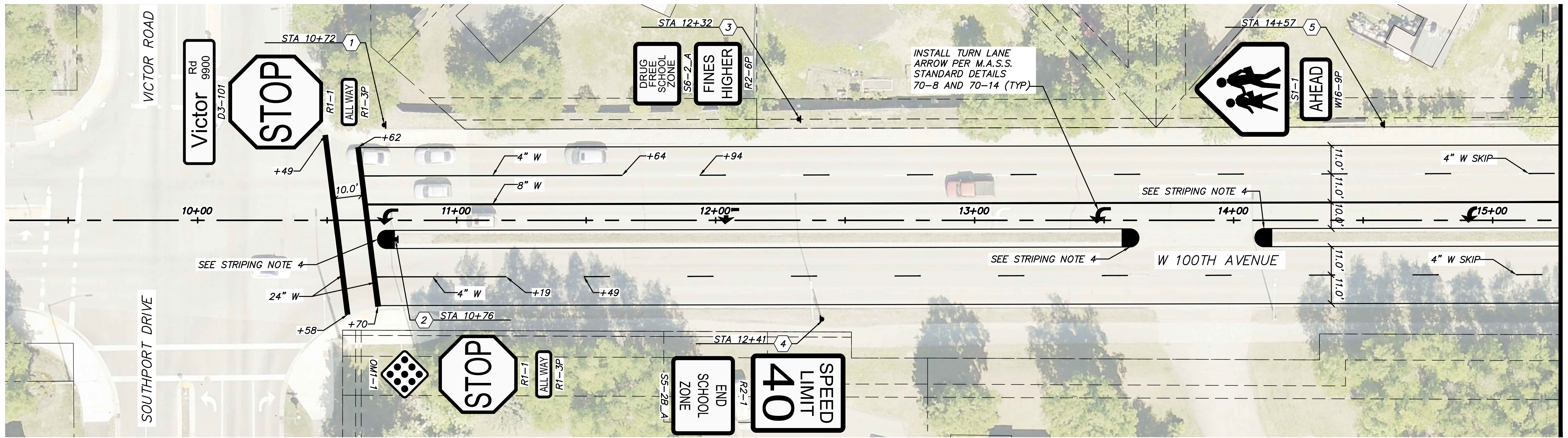
**CURB RAMP SUMMARY**

ID	SHEET	APPROX. STA	APPROX. OFFSET (FT)	TYPE	APPROX. DETECTABLE WARNING (FT)	CURB RAMP DETAIL	COMMENTS
A	R1	17+85	44 RT	UNIDIRECTIONAL	2X12	2/R3	
B	R1	18+38	44 RT	UNIDIRECTIONAL	2X12	2/R3	
C	R1	20+84	44 RT	UNIDIRECTIONAL	2X12	2/R3	
D	R1	21+40	44 RT	UNIDIRECTIONAL	2X12	2/R3	
E	R1	20+82	40 LT	PARALLEL	2X5	1/R3	SEE GENERAL CURB RAMP NOTE 10.
F	R1	21+41	40 LT	PARALLEL	2X5	1/R3	
G	R2	24+51	40 LT	PARALLEL	2X5	1/R3	
H	R2	25+13	40 LT	PARALLEL	2X5	1/R3	

RECORD DRAWING  
 DATA PROVIDED BY: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
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FIELD BOOKS		BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY
DESIGN:					BASE			TELEPHONE						
STAKING:					TOPOGRAPHY			ELECTRIC						
ASBUILT:					PROFILE			CABLE TV						
CONTRACTOR:					SANITARY SEWER			TRAFFIC SIGNAL						
INSPECTOR:					STORM SEWER			DESIGN						
					WATER			QUANTITIES						
					GAS			MUN. FINAL CHECK						

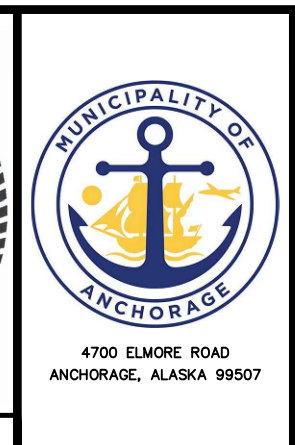
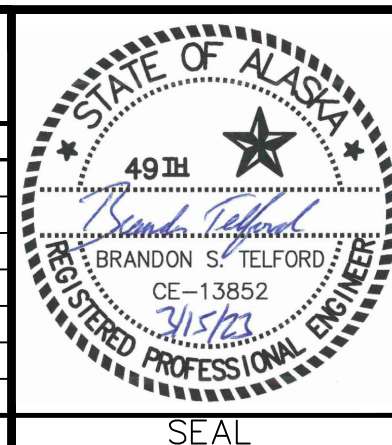
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT  
 22-06 100TH AVENUE SURFACE REHABILITATION BASE BID  
**CURB RAMP DETAILS**  
 SCALE N/A N/A DATE: MARCH 2023 GRID: SW2428, SW2528 SHEET R3 of R3  
 SEAL



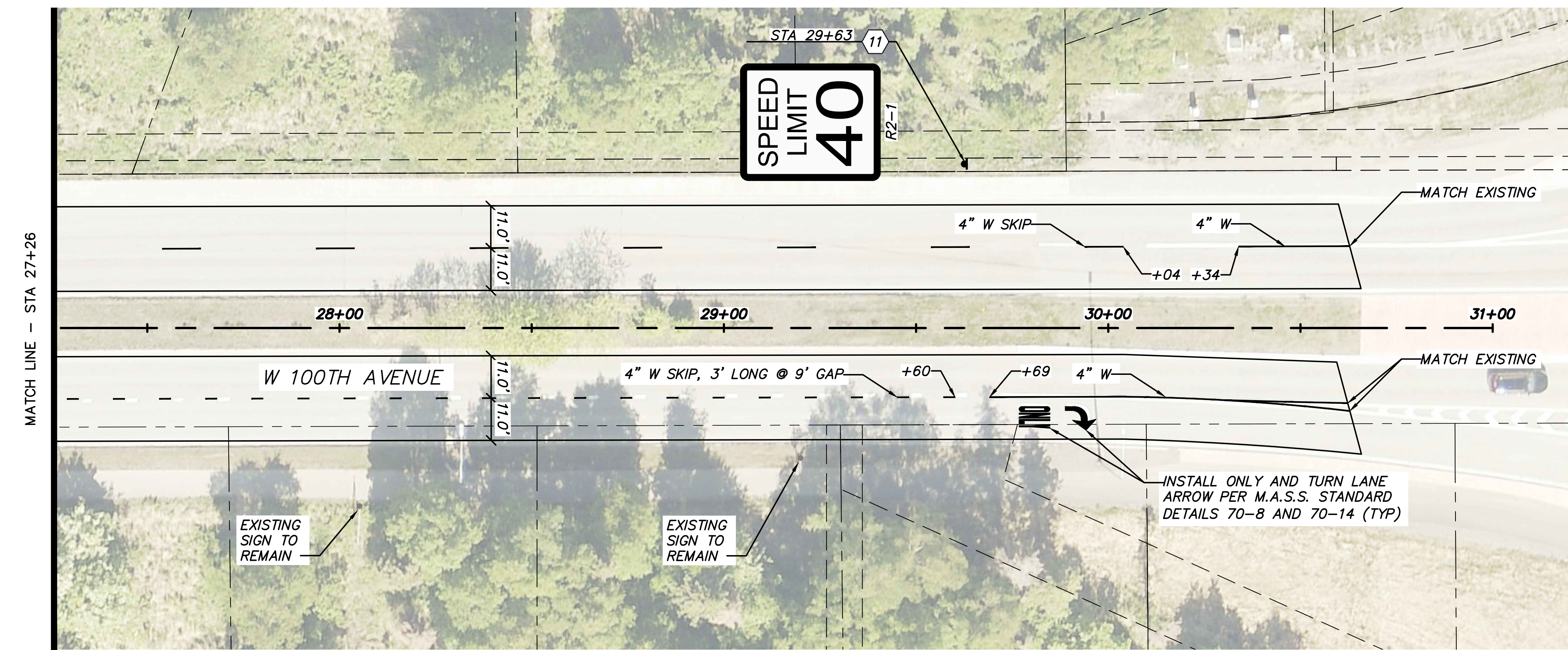
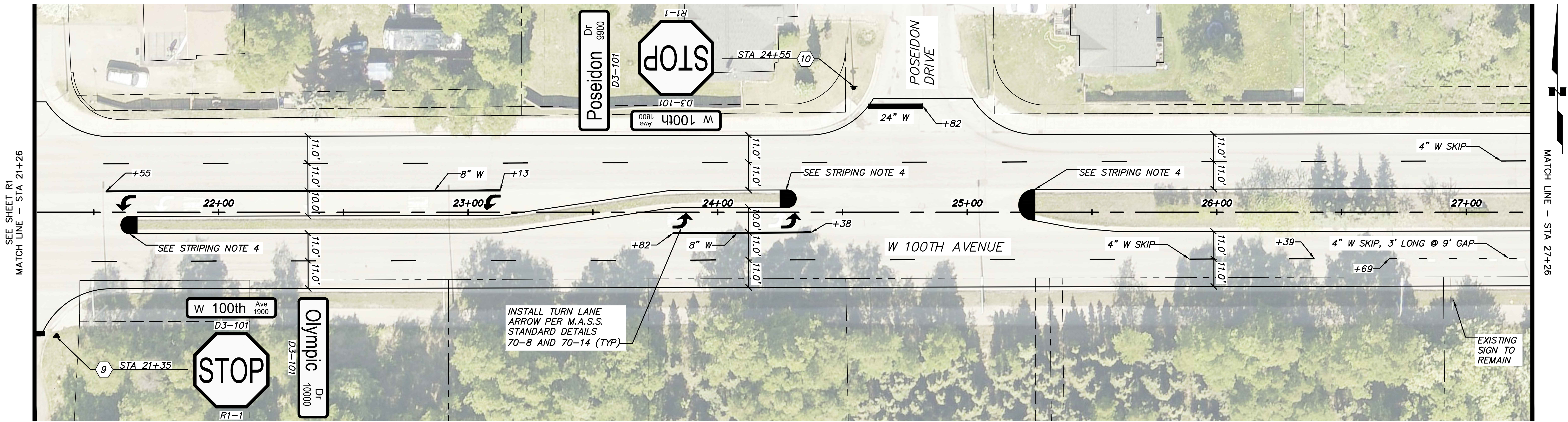
**STRIPING NOTES:**  
 1. SEE SHEET S2 FOR STRIPING NOTES.

RECORD DRAWING  
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 TITLE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
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FIELD BOOKS		BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY	
DESIGN:					BASE TOPOGRAPHY			TELEPHONE							
STAKING:					PROFILE			ELECTRIC							
ASBUILT:					SANITARY SEWER			CABLE TV							
CONTRACTOR:					STORM SEWER			TRAFFIC SIGNAL							
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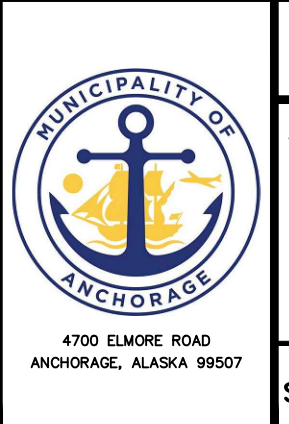
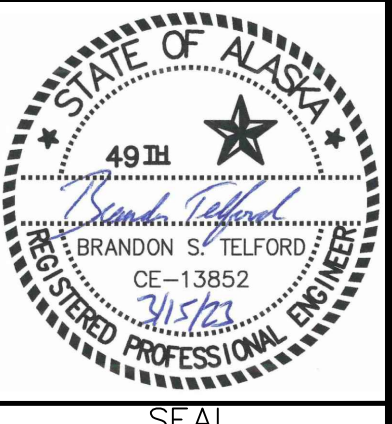
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT  
 22-06 100TH AVENUE SURFACE REHABILITATION BASE BID  
**SIGNING & STRIPING PLAN**  
 BOP TO STA 21+26  
 SCALE: HOR. 1"=20' VER. N/A DATE: MARCH 2023 GRID: SW2428, SW2528 SHEET S1 of S3



- STRIPING NOTES:**
1. ALL STRIPING SHALL CONFORM TO THESE CONTRACT DOCUMENTS AND THE STANDARD M.A.S.S. DETAILS. ALL REVISIONS SHALL CONFORM TO THE LATEST EDITION OF THE ALASKA TRAFFIC MANUAL AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  2. THE STATIONS INDICATED IN THE STRIPING PLAN ARE APPROXIMATE.
  3. UNLESS OTHERWISE NOTED, PROVIDE METHYL METHACRYLATE PAINT OF THE COLORS AND WIDTHS SPECIFIED FOR THE TRAFFIC MARKINGS INDICATED IN THE DRAWINGS. ALL STRIPING SHALL BE INLAIN METHYL METHACRYLATE TO A DEPTH OF 250 MILS.
  4. PAINT MEDIAN AND CURB NOSE WITH YELLOW TRAFFIC PAINT IN ACCORDANCE WITH M.A.S.S. STANDARD DETAIL 30-4. MEDIAN AND CURB NOSE SHALL BE 60 MILS SURFACE APPLIED METHYL METHACRYLATE PAINT.
  5. "W" REFERENCES WHITE MARKINGS AND "Y" REFERENCES YELLOW MARKINGS.
  6. DIMENSIONS SHOWN ARE TO CENTER OF STRIPING OR TO EDGE OF PAVEMENT.
  7. LANE WIDTHS ARE BASED ON AERIAL IMAGE. CONTRACTOR SHALL NOTE WHERE EXISTING WIDTHS VARY FROM THOSE SHOWN ON THE DRAWINGS AND PROVIDE THAT INFORMATION TO THE ENGINEER PRIOR TO STRIPING FOR CLARIFICATION.

RECORD DRAWING  
 DATA PROVIDED BY: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
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FIELD BOOKS		BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY
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ASBUILT:					PROFILE			CABLE TV						
CONTRACTOR:					SANITARY SEWER			TRAFFIC SIGNAL						
INSPECTOR:					STORM SEWER			DESIGN						
CONSTRUCTION RECORD					WATER			QUANTITIES						
					GAS			MUN. FINAL CHECK						



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT  
 22-06 100TH AVENUE SURFACE REHABILITATION BASE BID  
**SIGNING & STRIPING PLAN**  
 STA 21+26 TO EOP  
 SCALE: HOR. 1"=20' VER. N/A DATE: MARCH 2023 GRID: SW2428, SW2528 SHEET S2 of S3

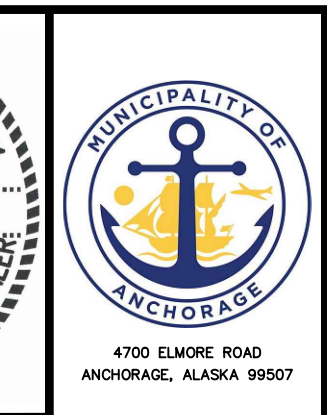
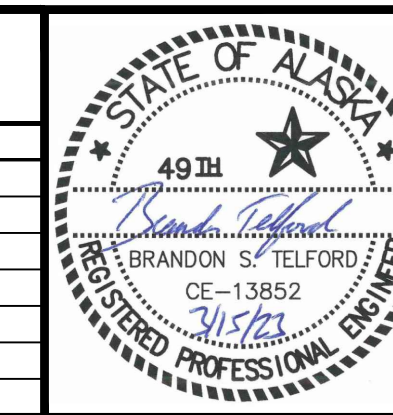
SIGN SUMMARY TABLE											
SHEET	POST NO.	APPROX. STATION	APPROX. OFFSET	TYPE	LEGEND	WIDTH (INCHES)	HEIGHT (INCHES)	AREA (SF)	SIGN FACE(S)	SIGN POST	REMARKS
S1	1	10+72	36.8' LT	D3-101	VICTOR RD 9900	48	12	8.00	E/W	2.5" PST	BACK TO BACK SIGNS
				R1-1	STOP SIGN	36	36	9.00	E		
				R1-3P	ALL WAY	18	6	0.75	E		
	2	10+76	7.4' RT	R1-1	STOP SIGN	30	30	6.25	E	2.5" PST	
				R1-3P	ALL WAY	18	6	0.75	E		
				OM1-1	OBJECT MARKER	18	18	2.25	W		
	3	12+32	39.0' LT	S6-2_A	DRUG FREE SCHOOL ZONE	24	18	3.00	E	2.5" PST	
				R2-6P	FINES HIGHER	24	18	3.00	E		
	4	12+41	38.2' RT	R2-1	SPEED LIMIT 40 MPH	30	36	7.50	W	-	MOUNT ON LIGHT POLE
				S5-2B_A	END SCHOOL ZONE	30	24	5.00	W		
				S1-1	SCHOOL CROSSING SIGN	36	36	9.00	E		
5	14+57	37.1' LT	W16-9P	AHEAD	24	12	2.00	E	2.5" PST		
			R6-1R	ONE WAY	36	12	3.00	S			
6	18+16	2.5' RT	D3-101	W 100TH AVE 2000	36	8	2.00	N/S	2.5" PST	SINGLE PANEL BACK TO BACK SIGNS	
			D3-101	GEBHART DR 10000	48	12	8.00	E/W		BACK TO BACK SIGNS	
			R1-1	STOP SIGN	30	30	6.25	S			
7	18+34	49.3' RT	R2-1	SPEED LIMIT 40 MPH	30	36	7.50	E	2.5" PST		
			D3-101	W 100TH AVE 1900	36	8	2.00	N/S		SINGLE PANEL BACK TO BACK SIGNS	
8	19+58	36.1' LT	D3-101	OLYMPIC DR 10000	48	12	8.00	E/W	2.5" PST	BACK TO BACK SIGNS	
			R1-1	STOP SIGN	30	30	6.25	S			
			D3-101	W 100TH AVE 1800	36	8	2.00	N/S		SINGLE PANEL BACK TO BACK SIGNS	
S2	9	21+35	49.3' RT	D3-101	POSEIDON DR 9900	48	12	8.00	E/W	-	BACK TO BACK SIGNS
				R1-1	STOP SIGN	30	30	6.25	N		MOUNT ON LIGHT POLE
				R2-1	SPEED LIMIT 40 MPH	30	36	7.50	E		2.5" PST
	10	24+55	49.7' LT	D3-101	STOP SIGN	30	30	6.25	N		
11	29+63	42.7' LT	R2-1	SPEED LIMIT 40 MPH	30	36	7.50	E	2.5" PST		

**SIGNING NOTES:**

1. THE STATIONS INDICATED IN THE SIGN SUMMARY TABLE ARE APPROXIMATE. INSTALL SIGNS AND SIGN FOUNDATIONS PER M.A.S.S. STANDARD DETAILS.
2. ALL STOP SIGNS AND STREET NAME SIGNS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
3. INSTALL SIGN POSTS FOR STOP SIGNS AT LOCATIONS THAT CONFORM TO M.A.S.S. STANDARD DETAILS 70-18 AND 70-19.
4. INSTALL SIGNS MOUNTED ON LIGHT POLES PER M.A.S.S. STANDARD DETAILS 70-29 AND 70-30.
5. ALL EXISTING SIGNS SHALL BE REMOVED AND SALVAGED WITHIN THE PROJECT LIMITS UNLESS NOTED OTHERWISE.
6. CONTRACTOR SHALL DELIVER REMOVED SIGN FACES AND ASSOCIATED HARDWARE TO THE MOA TRAFFIC PAINT AND SIGN SHOP.
7. ONCE SIGNS ARE IN PLACE, CONTRACTOR SHALL PRUNE TREES AS DIRECTED BY THE ENGINEER TO MAKE SIGNS VISIBLE FOR TRAFFIC. THIS WORK IS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE. PRUNING SHALL BE IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARD (ANSI) A300, PART 1, STANDARD PRACTICES PRUNING AND ANSI Z133.1 ARBORICULTURAL OPERATIONS SAFETY REQUIREMENTS.
8. ALL SCHOOL RELATED WARNING SIGNS SHALL BE FLUORESCENT YELLOW-GREEN BACKGROUND WITH A BLACK LEGEND AND BORDER WITH REFLECTORS ATTACHED ON THE SIGN POSTS IN ACCORDANCE WITH THE MOA SCHOOL AREA TRAFFIC SAFETY MANUAL.
9. WIDTH DIMENSIONS SHOWN FOR STREET NAME SIGNS (D3-101) ARE APPROXIMATE. CONTRACTOR SHALL SUBMIT SPECIFICATIONS FOR ALL SIGNS FOR APPROVAL BY THE ENGINEER PRIOR TO ORDERING THE SIGNS.
10. SHALLOW UNDERGROUND HIGH VOLTAGE ELECTRICAL TRANSMISSION LINES ARE PRESENT WITHIN THE PROJECT AREA. ACQUIRE UTILITY LOCATES PRIOR TO SETTING NEW SIGN POSTS.

RECORD DRAWING  
 DATA PROVIDED BY: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 THIS SHALL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.

GRAPHIC SCALE 40 20 0 20 40											
FIELD BOOKS	BM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE
DESIGN:				BASE			TELEPHONE				
STAKING:				TOPOGRAPHY			ELECTRIC				
ASBUILT:				PROFILE			CABLE TV				
CONTRACTOR:				SANITARY SEWER			TRAFFIC SIGNAL				
INSPECTOR:				STORM SEWER			DESIGN				
				WATER			QUANTITIES				
				GAS			MUN. FINAL CHECK				
CONSTRUCTION RECORD		VERTICAL DATUM					PLAN CHECK				REVISIONS



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
22-06	100TH AVENUE SURFACE REHABILITATION	BASE BID	
SIGN SUMMARY TABLE			
SCALE N/A	DATE: MARCH 2023	GRID: SW2428, SW2528	SHEET S3 of S3
N/A	ACCT. NO.		