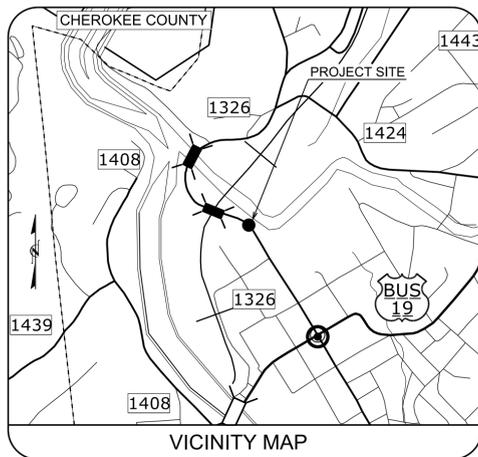


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

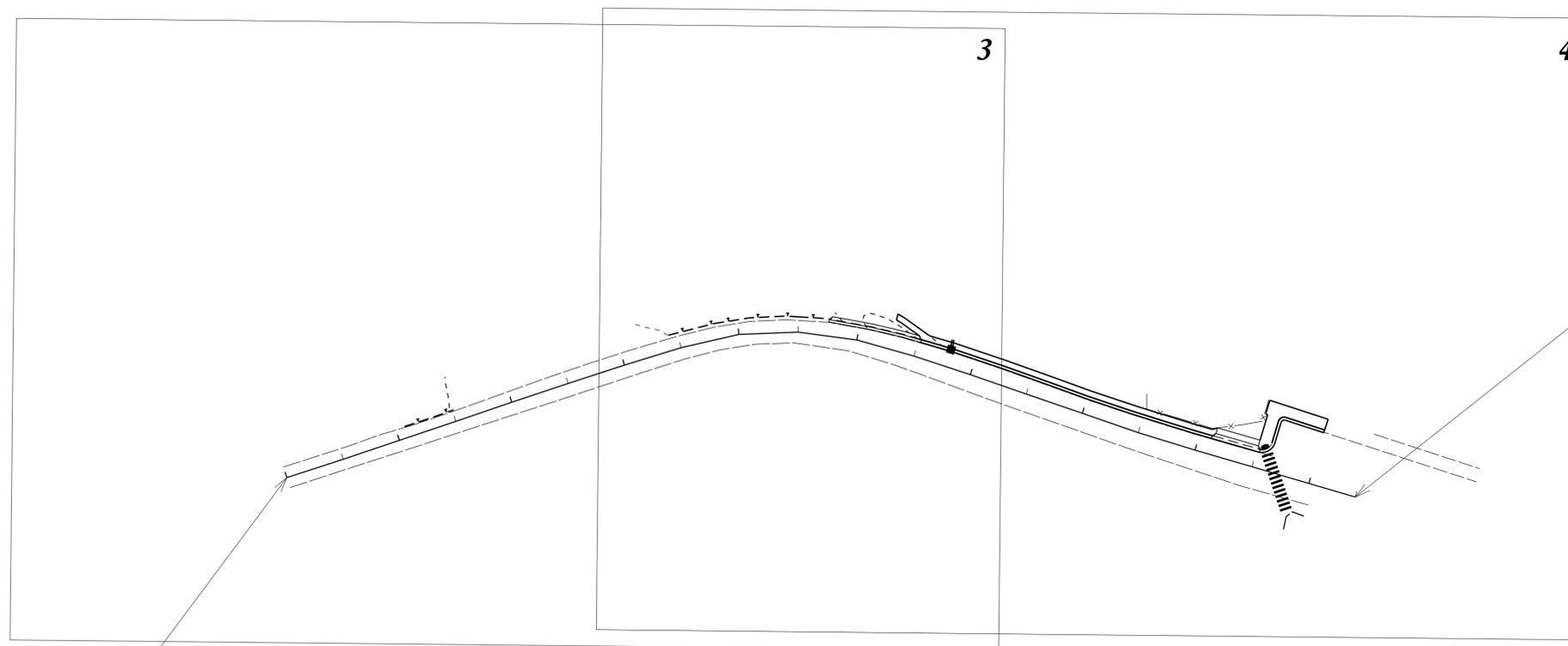
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	WBS#: 43760	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	



CHEROKEE COUNTY

**LOCATION: ALONG SR-1326 (TENNESSEE ST)
BEGINNING AT BRIDGE #222 AND
ENDING AT DEPOT ST. IN MURPHY**

**TYPE OF WORK: SIDEWALK, CURB RAMPS, CURB & GUTTER,
AND DRAINAGE IMPROVEMENTS.**



**BEGIN STATE PROJECT
-L- STA. 10 + 00**

**END STATE PROJECT
-L- STA. 19 + 41**

CONTRACT: DN00241 PROJECT: WBS#: 43760

GRAPHIC SCALES



PROJECT LENGTH

TOTAL LENGTH STATE PROJECT = 0.2 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS

191 Robbinsville Rd., Andrews, NC 28901

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

WESLEY GRINDSTAFF, P.E.
PROJECT ENGINEER

LETTING DATE:

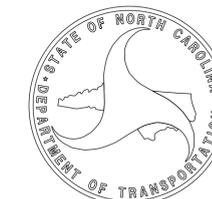
ADAM DOCKERY
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN
ENGINEER

SIGNATURE: _____ P.E.



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

INDEX OF SHEETS

1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS
1-B	CONVENTIONAL SYMBOLS
2	SUMMARY OF QUANTITIES
2-A	DRAINAGE SUMMARY SHEET
3 thru 4	PLAN SHEETS

GENERAL NOTES

GENERAL NOTES: 2012 SPECIFICATIONS
EFFECTIVE: 01-17-2012

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLANS, OR DIRECTED BY THE ENGINEER.

1 CARE SHALL BE TAKEN TO PREVENT DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

2 THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY.

3 INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
SR-1326	THERMOPLASTIC	N/A

A ON ASPHALT SURFACES, USE HEATED-IN-PLACE THERMOPLASTIC OR EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.

B REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

LIST OF ROADWAY STANDARDS

2012 ROADWAY STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" - Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., dated January 17, 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

STD. NO.	TITLE
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
DIVISION 8 - INCIDENTALS	
840.02	Concrete Catch Basin - 12" thru 54" Pipe
840.03	Frame, Grates and Hood - for Use on Standard Catch Basin
846.01	Concrete Curb, Gutter and Curb & Gutter
848.01	Concrete Sidewalk
848.03	Driveway Turnout - Drop Curb Type
848.05	Curb Ramp - Proposed Curb and Gutter
862.01	Guardrail Placement
862.02	Guardrail Installation
862.03	Structure Anchor Units
DIVISION 11 - WORK ZONE TRAFFIC CONTROL	
110.01	Stationary Work Zone Signs
110.02	Portable Work Zone Signs
1150.01	Flagging Devices
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.07	Pavement Markings - Pedestrian Crosswalks

Note: Not to Scale

*S.U.E. = *Subsurface Utility Engineering*

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EIP
Property Corner	-----
Property Monument	□ ECM
Parcel/Sequence Number	⑫③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	-WLB-
Proposed Wetland Boundary	WLB
Existing Endangered Animal Boundary	-EAB-
Existing Endangered Plant Boundary	-EPB-

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	⊗
Foundation	□
Area Outline	□
Cemetery	□ †
Building	□
School	□
Church	□
Dam	□

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	□
Jurisdictional Stream	----- JS
Buffer Zone 1	----- BZ 1
Buffer Zone 2	----- BZ 2
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	-----
Proposed Lateral, Tail, Head Ditch	-----
False Sump	-----

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○
Switch	□
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY:

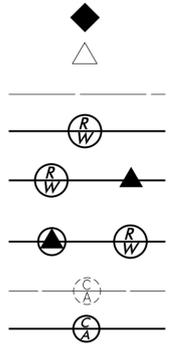
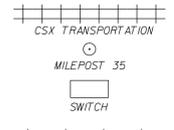
Baseline Control Point	◆
Existing Right of Way Marker	△
Existing Right of Way Line	-----
Proposed Right of Way Line	----- (R/W)
Proposed Right of Way Line with Iron Pin and Cap Marker	----- (R/W) ▲
Proposed Right of Way Line with Concrete or Granite Marker	----- (R/W) ▲
Existing Control of Access	○
Proposed Control of Access	○
Existing Easement Line	----- E
Proposed Temporary Construction Easement	----- E
Proposed Temporary Drainage Easement	----- TDE
Proposed Permanent Drainage Easement	----- PDE
Proposed Permanent Drainage / Utility Easement	----- DUE
Proposed Permanent Utility Easement	----- PUE
Proposed Temporary Utility Easement	----- TUE
Proposed Permanent Easement with Iron Pin and Cap Marker	----- ◆

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- C
Proposed Slope Stakes Fill	----- F
Proposed Wheel Chair Ramp	----- (WCR)
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊗
Pavement Removal	-----

VEGETATION:

Single Tree	○
Single Shrub	○
Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----



EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	----- CONC
Bridge Wing Wall, Head Wall and End Wall	----- CONC WW
MINOR:	
Head and End Wall	----- CONC HW
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	○ S
Storm Sewer	----- S

UTILITIES:

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	○ P
Power Line Tower	□
Power Transformer	□
U/G Power Cable Hand Hole	□ PH
H-Frame Pole	●
Recorded U/G Power Line	----- P
Designated U/G Power Line (S.U.E.*)	----- P

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	○ T
Telephone Booth	□
Telephone Pedestal	□
Telephone Cell Tower	●
U/G Telephone Cable Hand Hole	□ PH
Recorded U/G Telephone Cable	----- T
Designated U/G Telephone Cable (S.U.E.*)	----- T
Recorded U/G Telephone Conduit	----- TC
Designated U/G Telephone Conduit (S.U.E.*)	----- TC
Recorded U/G Fiber Optics Cable	----- T FO
Designated U/G Fiber Optics Cable (S.U.E.*)	----- T FO

WATER:

Water Manhole	○ W
Water Meter	○
Water Valve	⊗
Water Hydrant	○
Recorded U/G Water Line	----- W
Designated U/G Water Line (S.U.E.*)	----- W
Above Ground Water Line	----- A/G Water

TV:

TV Satellite Dish	□
TV Pedestal	□
TV Tower	⊗
U/G TV Cable Hand Hole	□ PH
Recorded U/G TV Cable	----- TV
Designated U/G TV Cable (S.U.E.*)	----- TV
Recorded U/G Fiber Optic Cable	----- TV FO
Designated U/G Fiber Optic Cable (S.U.E.*)	----- TV FO

GAS:

Gas Valve	◇
Gas Meter	○
Recorded U/G Gas Line	----- G
Designated U/G Gas Line (S.U.E.*)	----- G
Above Ground Gas Line	----- A/G Gas

SANITARY SEWER:

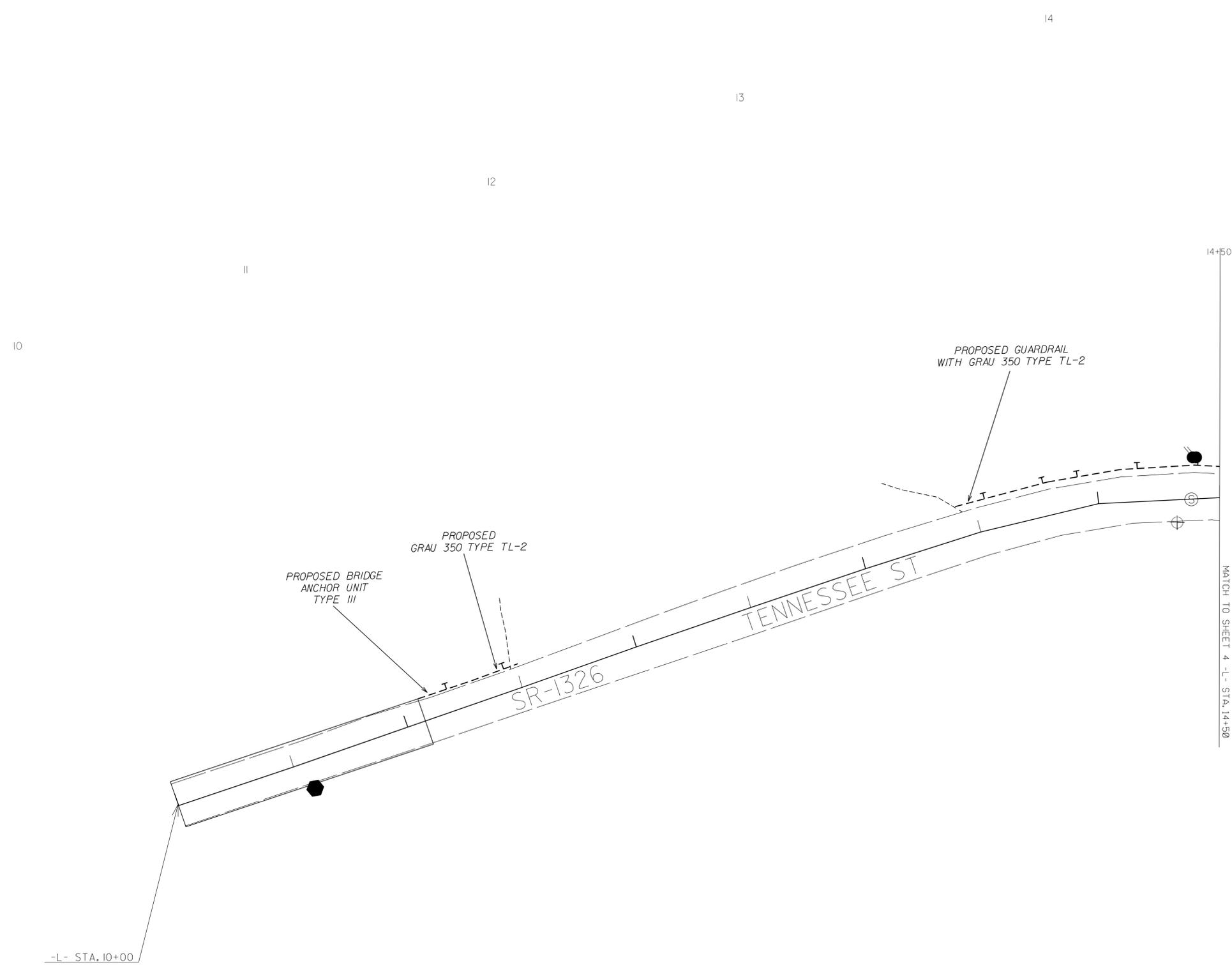
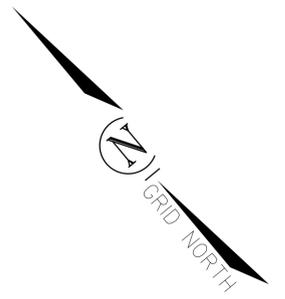
Sanitary Sewer Manhole	○ S
Sanitary Sewer Cleanout	○
U/G Sanitary Sewer Line	----- SS
Above Ground Sanitary Sewer	----- A/G Sanitary Sewer
Recorded SS Forced Main Line	----- FSS
Designated SS Forced Main Line (S.U.E.*)	----- FSS

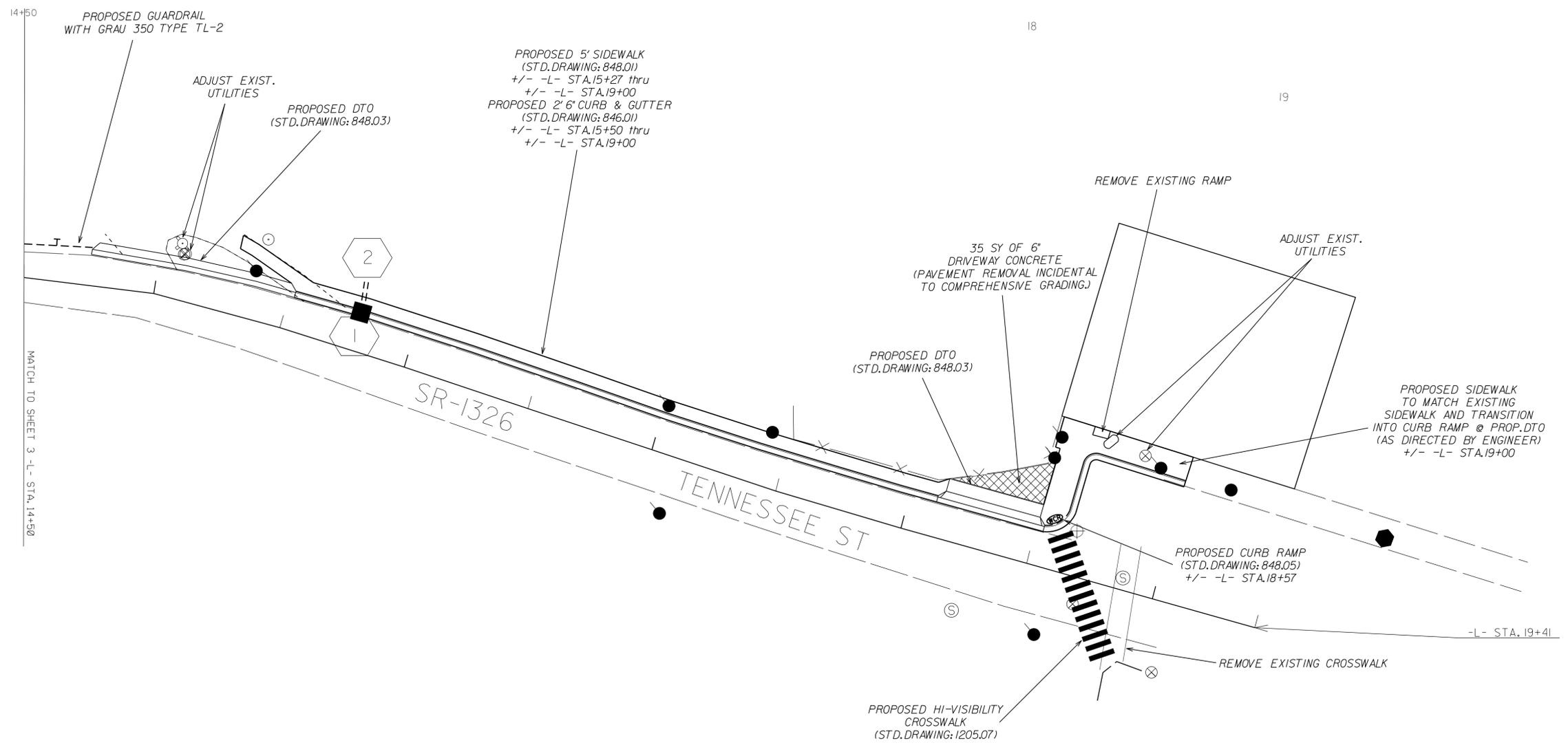
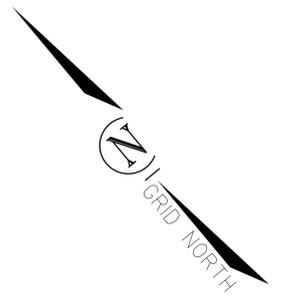
MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	□
Utility Unknown U/G Line	----- ?UTL
U/G Tank; Water, Gas, Oil	□
A/G Tank; Water, Gas, Oil	□
U/G Test Hole (S.U.E.*)	○
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - WBS#: 43760

Item Number	Sec #	Quantity	Unit	Description
0043000000-N	226	1	LS	GRADING
0335300000-E	305	12	LF	18" DRAINAGE PIPE
1220000000-E	545	60	TON	INCIDENTAL STONE BASE
0000100000-N	800	1	LS	MOBILIZATION
2286000000-N	840	1	EA	MASONRY DRAINAGE STRUCTURES
2374000000-N	840	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE E
2549000000-E	846	490	LF	2'-6" CONCRETE CURB & GUTTER
2591000000-E	848	355	SY	4" CONCRETE SIDEWALK
2605000000-N	848	4	EA	CONCRETE CURB RAMP
2612000000-E	848	130	SY	6" CONCRETE DRIVEWAY
2845000000-N	858	4	EA	ADJ. OF METER BOXES OR VALVE BOXES
3030000000-E	862	87.5	LF	STEEL BM GUARDRAIL
3165000000-N	862	3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350, TL 2
3215000000-N	862	1	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4710000000-E	1205	130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
6000000000-E	1605	300	LF	TEMPORARY SILT FENCE
6084000000-E	1660	0.02	ACR	SEEDING & MULCHING
1077000000-E	SP	15	TON	#57 STONE
4399000000-N	SP	1	LS	GENERIC TRAFFIC CONTROL ITEM





15

16

17

18

19

14+50

MATCH TO SHEET 3 -L- STA. 14+50

SR-1326

TENNESSEE ST

-L- STA. 19+41

PROPOSED GUARDRAIL WITH GRAU 350 TYPE TL-2

ADJUST EXIST. UTILITIES

PROPOSED DTO (STD.DRAWING: 848.03)

PROPOSED 5' SIDEWALK (STD.DRAWING: 848.01)
+/- -L- STA. 15+27 thru +/- -L- STA. 19+00
PROPOSED 2' 6" CURB & GUTTER (STD.DRAWING: 846.01)
+/- -L- STA. 15+50 thru +/- -L- STA. 19+00

REMOVE EXISTING RAMP

35 SY OF 6" DRIVEWAY CONCRETE (PAVEMENT REMOVAL INCIDENTAL TO COMPREHENSIVE GRADING.)

ADJUST EXIST. UTILITIES

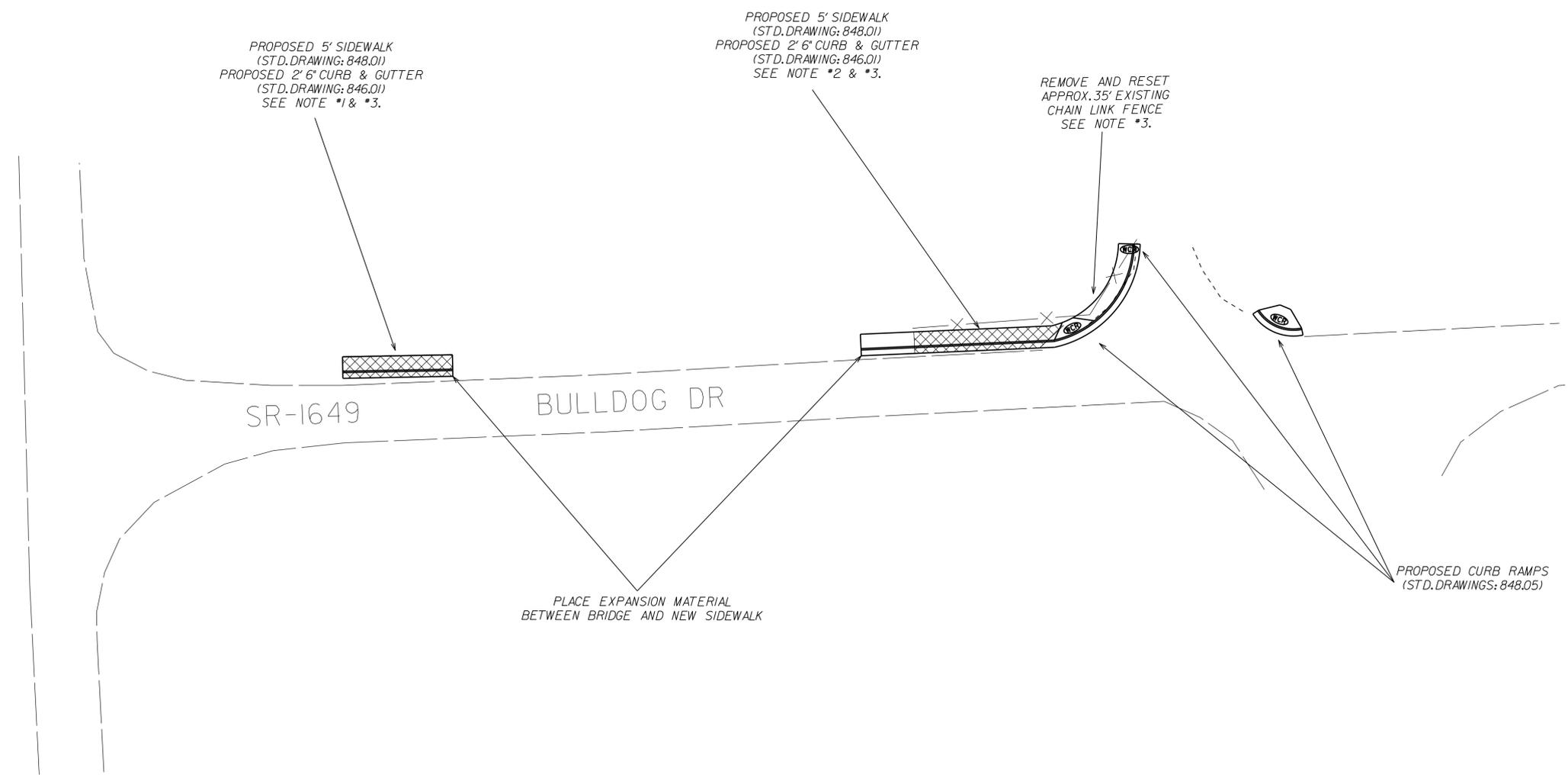
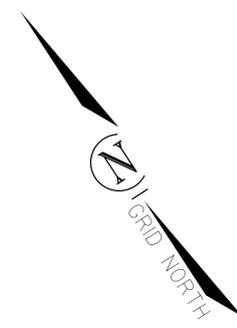
PROPOSED DTO (STD.DRAWING: 848.03)

PROPOSED SIDEWALK TO MATCH EXISTING SIDEWALK AND TRANSITION INTO CURB RAMP @ PROP. DTO (AS DIRECTED BY ENGINEER) +/- -L- STA. 19+00

PROPOSED CURB RAMP (STD.DRAWING: 848.05)
+/- -L- STA. 18+57

REMOVE EXISTING CROSSWALK

PROPOSED HI-VISIBILITY CROSSWALK (STD.DRAWING: 1205.07)



NOTES

1. MATCH CURB & GUTTER TO EXISTING ASPHALT LEVEL. TIE NEW SIDEWALK TO EXISTING SIDEWALK AT JOINT.
2. RAISE CURB & GUTTER TO EXISTING ASPHALT LEVEL.
3. SIDEWALK REMOVAL / FENCE REMOVAL AND INSTALLATION INCIDENTAL TO COMPREHENSIVE GRADING.