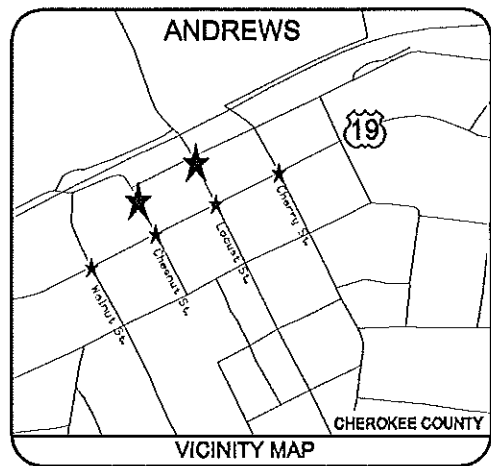


See Sheet 1-A For Index of Sheets

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

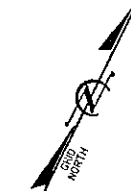
CHEROKEE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	3614.3.29	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

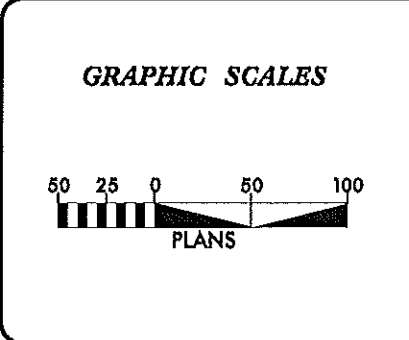
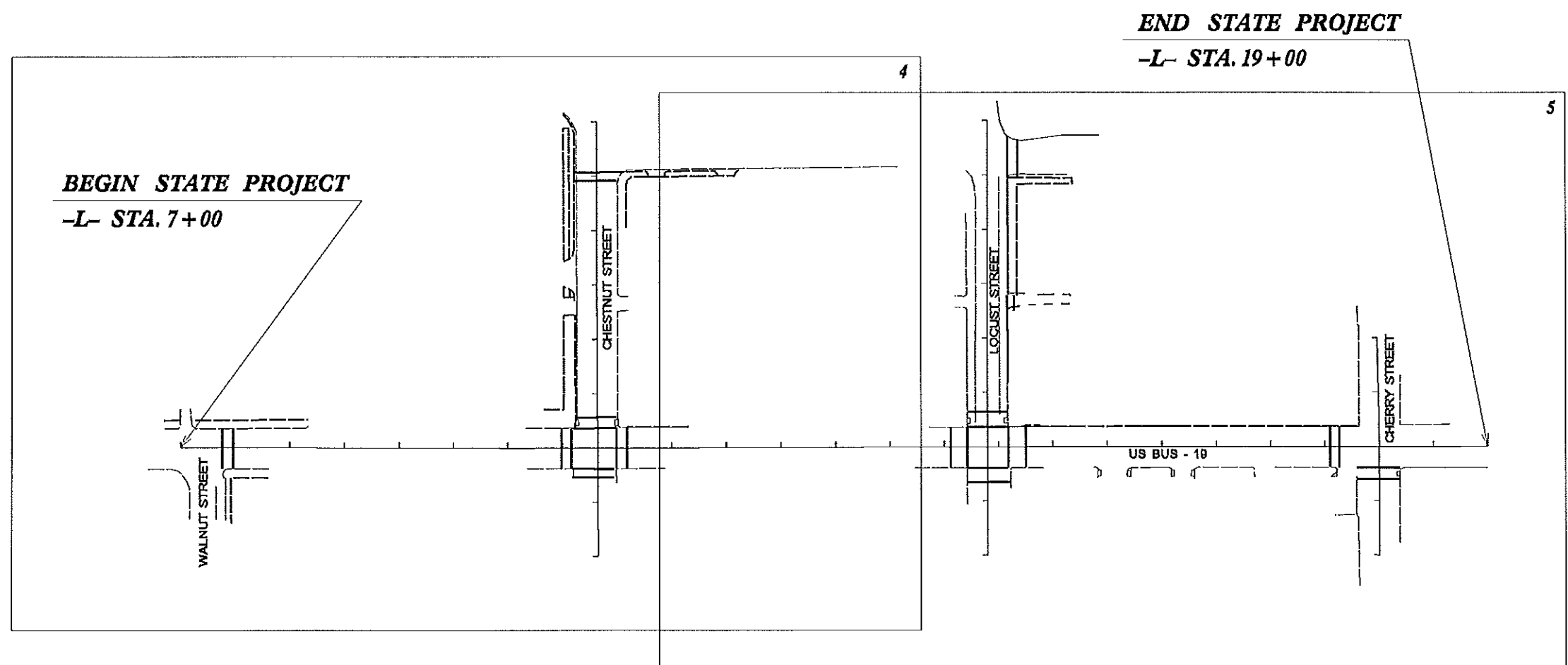


LOCATION: US BUSINESS 19 IN THE TOWN OF ANDREWS AT THE INT. OF
BUS-19 & WALNUT ST., CHESTNUT ST., LOCUST ST., & CHERRY ST.

TYPE OF WORK: CURB RAMPS, SIDEWALK, HANDRAIL, AND
CROSSWALK INSTALLATION.



PROJECT: 3614.3.29 CONTRACT: DN00063



PROJECT LENGTH

TOTAL LENGTH STATE PROJECT = 0.23 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
191 Robbinsville Rd., Andrews, NC 28901

2004 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: _____

LETTING DATE: _____

WESLEY GRINDSTAFF, P.E.
PROJECT ENGINEER

ADAM DOCKERY
PROJECT DESIGN ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE HIGHWAY DESIGN ENGINEER

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

INDEX OF SHEETS

1	TITLE SHEET
1-A	INDEX OF SHEETS
1-B	CONVENTIONAL SYMBOLS
2	HANDRAIL DETAIL
2-A	SIDEWALK RAMP DETAIL
3	SUMMARY OF QUANTITIES
4 THRU 5	PLAN SHEETS
6 THRU 7	PROFILE SHEET

GENERAL NOTES

- GENERAL NOTES: 2012 SPECIFICATIONS
EFFECTIVE: 01-17-2012
- 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.
 - THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY.
 - IMMEDIATELY CLEAR ALL ADJACENT PROPERTIES AND ROADWAYS OF ANY MUD OR DEBRIS TRACKED FROM THE PROJECT SITE.
 - ASPHALT, ALL CONCRETE REMOVAL, & GRADING ARE INCIDENTAL TO COMPREHENSIVE GRADING.

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 8 - INCIDENTALS | |
| 848.01 | Concrete Sidewalk |
| 848.06 | Curb Ramp - Existing Curb and Gutter |
| 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	○
Property Corner	⊗
Property Monument	⊠
Parcel/Sequence Number	⑫③
Existing Fence Line	× × ×
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	-----
Proposed Wetland Boundary	-----
Existing Endangered Animal Boundary	-----
Existing Endangered Plant Boundary	-----

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	⊙
Well	⊕
Small Mine	⊗
Foundation	⊠
Area Outline	⊠
Cemetery	⊠
Building	⊠
School	⊠
Church	⊠
Dam	⊠

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	-----
Buffer Zone 1	-----
Buffer Zone 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	-----
Proposed Right of Way Line with Iron Pin and Cap Marker	-----
Proposed Right of Way Line with Concrete or Granite Marker	-----
Existing Control of Access	-----
Proposed Control of Access	-----
Existing Easement Line	-----
Proposed Temporary Construction Easement	-----
Proposed Temporary Drainage Easement	-----
Proposed Permanent Drainage Easement	-----
Proposed Permanent Drainage / Utility Easement	-----
Proposed Permanent Utility Easement	-----
Proposed Temporary Utility Easement	-----
Proposed Permanent Easement with Iron Pin and Cap Marker	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Wheel Chair Ramp	-----
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	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	-----
Paved Ditch Gutter	-----
Storm Sewer Manhole	-----
Storm Sewer	-----

UTILITIES:

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

TELEPHONE:

Existing Telephone Pole	-----
Proposed Telephone Pole	-----
Telephone Manhole	-----
Telephone Booth	-----
Telephone Pedestal	-----
Telephone Cell Tower	-----
U/G Telephone Cable Hand Hole	-----
Recorded U/G Telephone Cable	-----
Designated U/G Telephone Cable (S.U.E.*)	-----
Recorded U/G Telephone Conduit	-----
Designated U/G Telephone Conduit (S.U.E.*)	-----
Recorded U/G Fiber Optics Cable	-----
Designated U/G Fiber Optics Cable (S.U.E.*)	-----

WATER:

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

TV:

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

GAS:

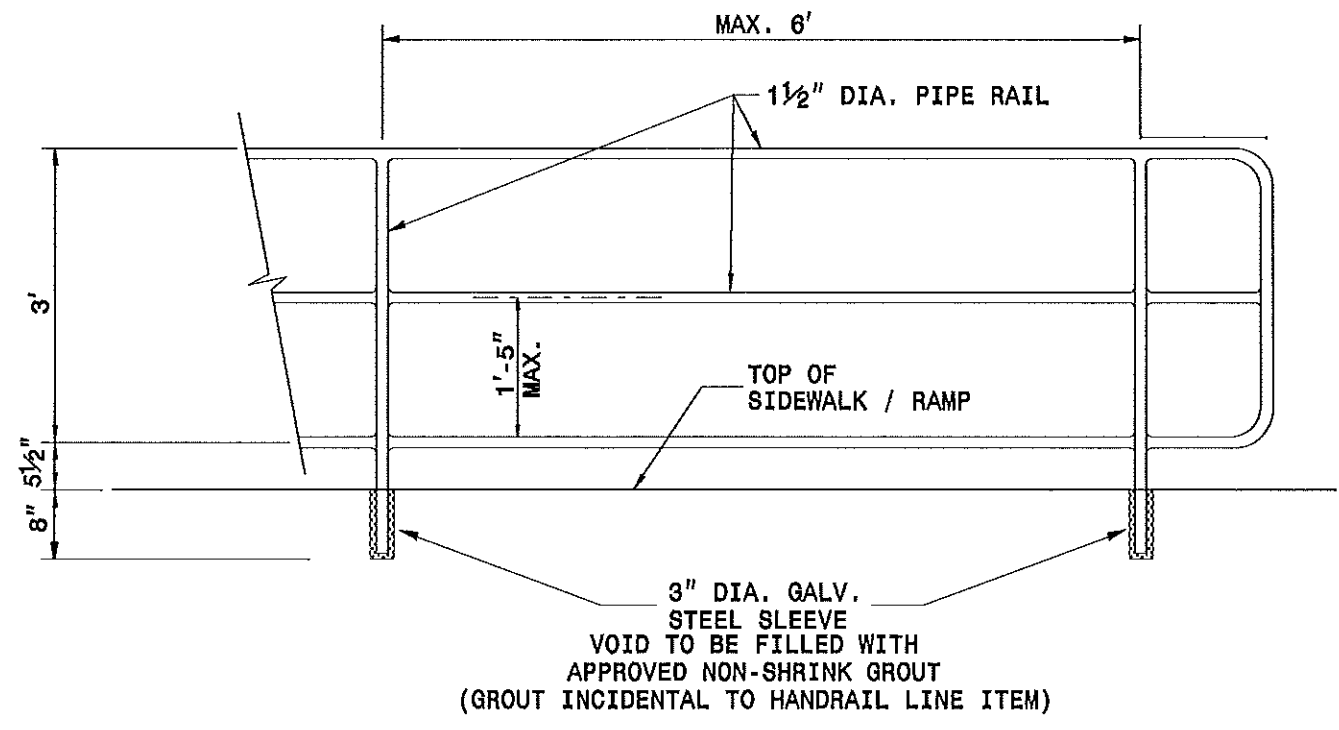
Gas Valve	-----
Gas Meter	-----
Recorded U/G Gas Line	-----
Designated U/G Gas Line (S.U.E.*)	-----
Above Ground Gas Line	-----

SANITARY SEWER:

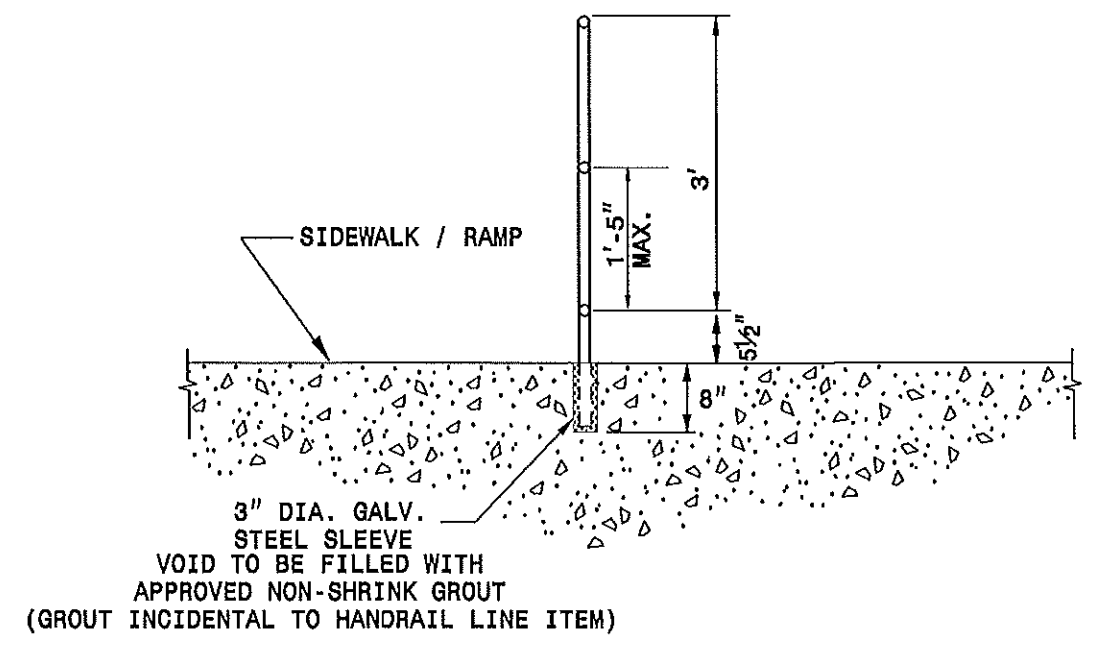
Sanitary Sewer Manhole	-----
Sanitary Sewer Cleanout	-----
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
Recorded SS Forced Main Line	-----
Designated SS Forced Main Line (S.U.E.*)	-----

MISCELLANEOUS:

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



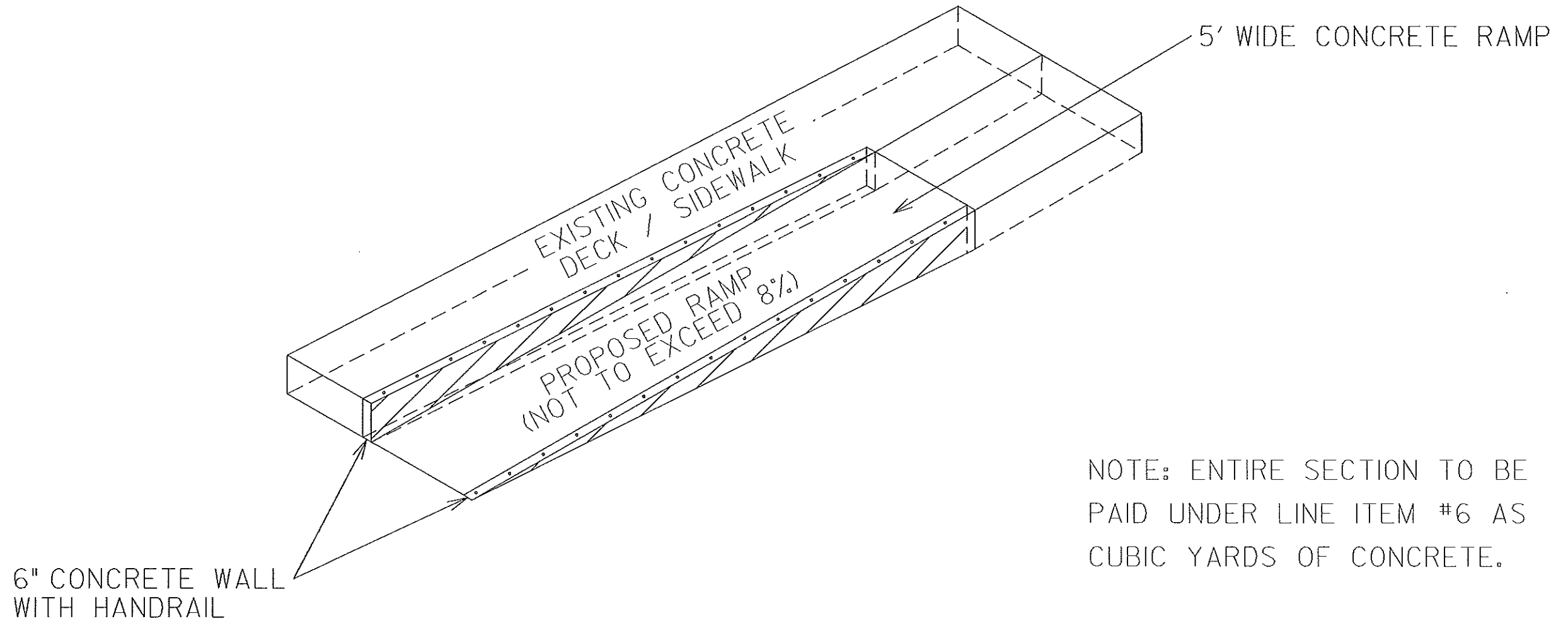
PROPOSED PEDESTRIAN HANDRAIL



SECTION VIEW

- NOTES:**
- CONSTRUCT PROPOSED STEEL PIPE RAIL OF 1 1/2" DIAMETER SCHEDULE 40 PLAIN END STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A53.
 - REPAIR STEEL PIPE IN ACCORDANCE WITH SECTION 1074 OF THE NCDOT STANDARD SPECIFICATIONS.
 - PAINT IN ACCORDANCE WITH SECTION 1080 OF THE STANDARD SPECIFICATIONS.
 - WELD IN ACCORDANCE WITH ARTICLE 1072-20 OF THE STANDARD SPECIFICATIONS.
 - USE APPROVED NON-SHRINK GROUT IN ACCORDANCE WITH SECTION 1003 OF THE NCDOT STANDARD SPECIFICATIONS FOR HANDRAIL FOOTINGS.
 - PLACEMENT OF HANDRAIL IN RELATION TO WALL AND SIDEWALK MAY BE MODIFIED AS DIRECTED BY THE ENGINEER.

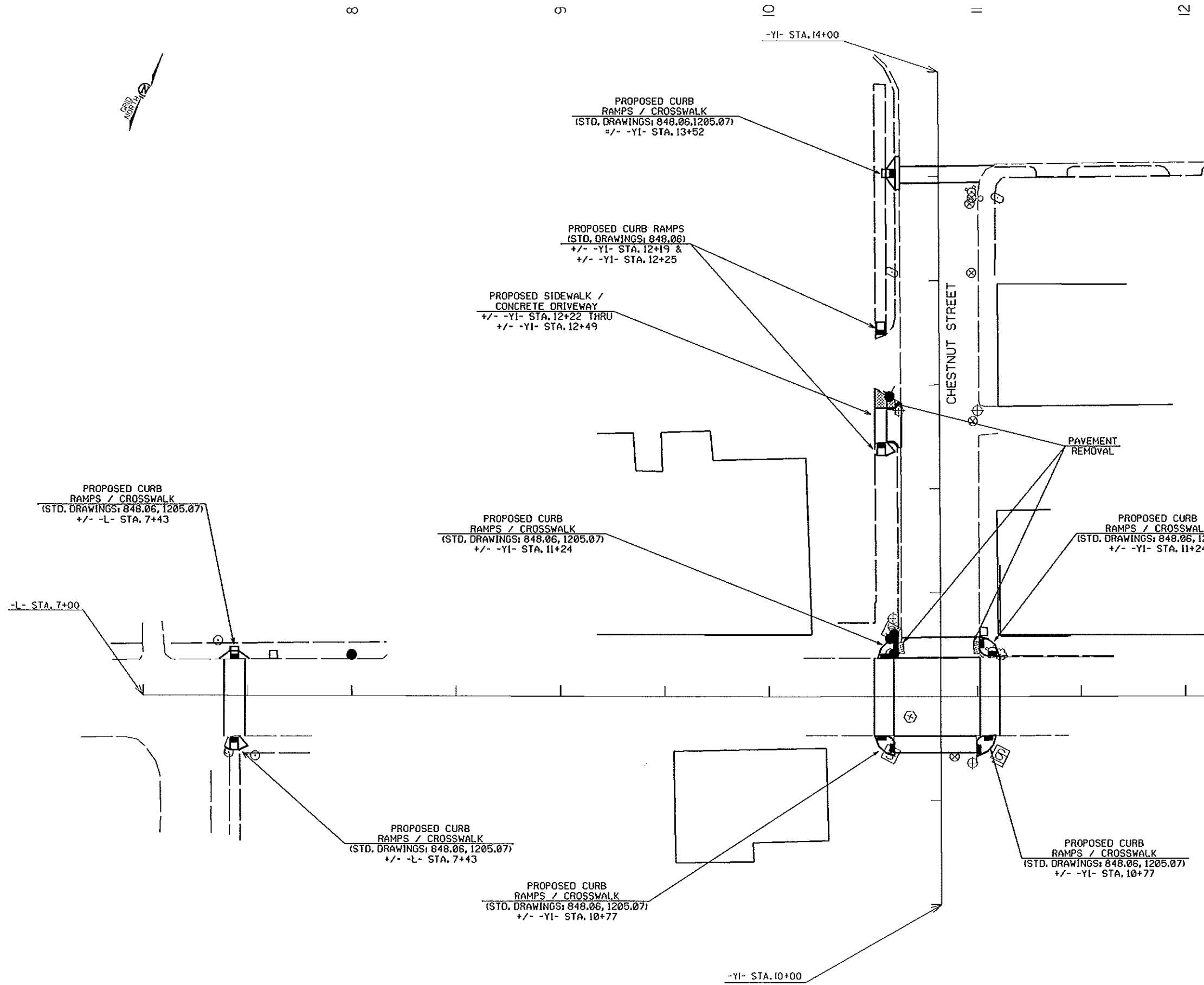
CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-250-4128 FAX 919-250-4119	
PROPOSED PEDESTRIAN SAFETY RAIL	
ORIGINAL BY: E.E.HARD	DATE: 12-88
MODIFIED BY: T.B.Spall	DATE: 1-4-03
CHECKED BY:	DATE:
FILE SPEC.: x:\hcarton\handrail adjacent to sidewalk.dgn	



SIDEWALK RAMP DETAIL

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 ROADWAY SUMMARY OF QUANTITIES FOR WBS-3614.3.29

Item Number	Sec #	Quantity	Unit	Description
0043000000-N	226	1	LS	COMPREHENSIVE GRADING
0000100000-N	800	1	LS	MOBILIZATION
2591000000-E	848	50	SY	4" CONCRETE SIDEWALK
2605000000-N	848	25	EA	CONCRETE CURB RAMP
2612000000-E	848	110	SY	6" CONCRETE DRIVEWAY
2830000000-N	858	1	EA	ADJUSTMENT OF MANHOLES
4820000000-E	1205	915	LF	PAINT PAVEMENT MARKING LINES (8")
2745000000-E	SP	20	CY	CONCRETE RAMP
4589000000-N	SP	1	LS	GENERIC TRAFFIC CONTROL ITEM
6895000000-E	SP	120	LF	THREE BAR PEDESTRIAN HANDRAIL



PROPOSED CURB
RAMPS / CROSSWALK
(STD. DRAWINGS: 848.06, 1205.07)
+/- -L- STA. 7+43

-L- STA. 7+00

PROPOSED CURB
RAMPS / CROSSWALK
(STD. DRAWINGS: 848.06, 1205.07)
+/- -L- STA. 7+43

PROPOSED CURB
RAMPS / CROSSWALK
(STD. DRAWINGS: 848.06, 1205.07)
+/- -YI- STA. 10+77

-YI- STA. 10+00

PROPOSED CURB
RAMPS / CROSSWALK
(STD. DRAWINGS: 848.06, 1205.07)
+/- -YI- STA. 11+24

PROPOSED SIDEWALK /
CONCRETE DRIVEWAY
+/- -YI- STA. 12+22 THRU
+/- -YI- STA. 12+49

PROPOSED CURB RAMPS
(STD. DRAWINGS: 848.06)
+/- -YI- STA. 12+19 &
+/- -YI- STA. 12+25

PROPOSED CURB
RAMPS / CROSSWALK
(STD. DRAWINGS: 848.06, 1205.07)
+/- -YI- STA. 13+52

-YI- STA. 14+00

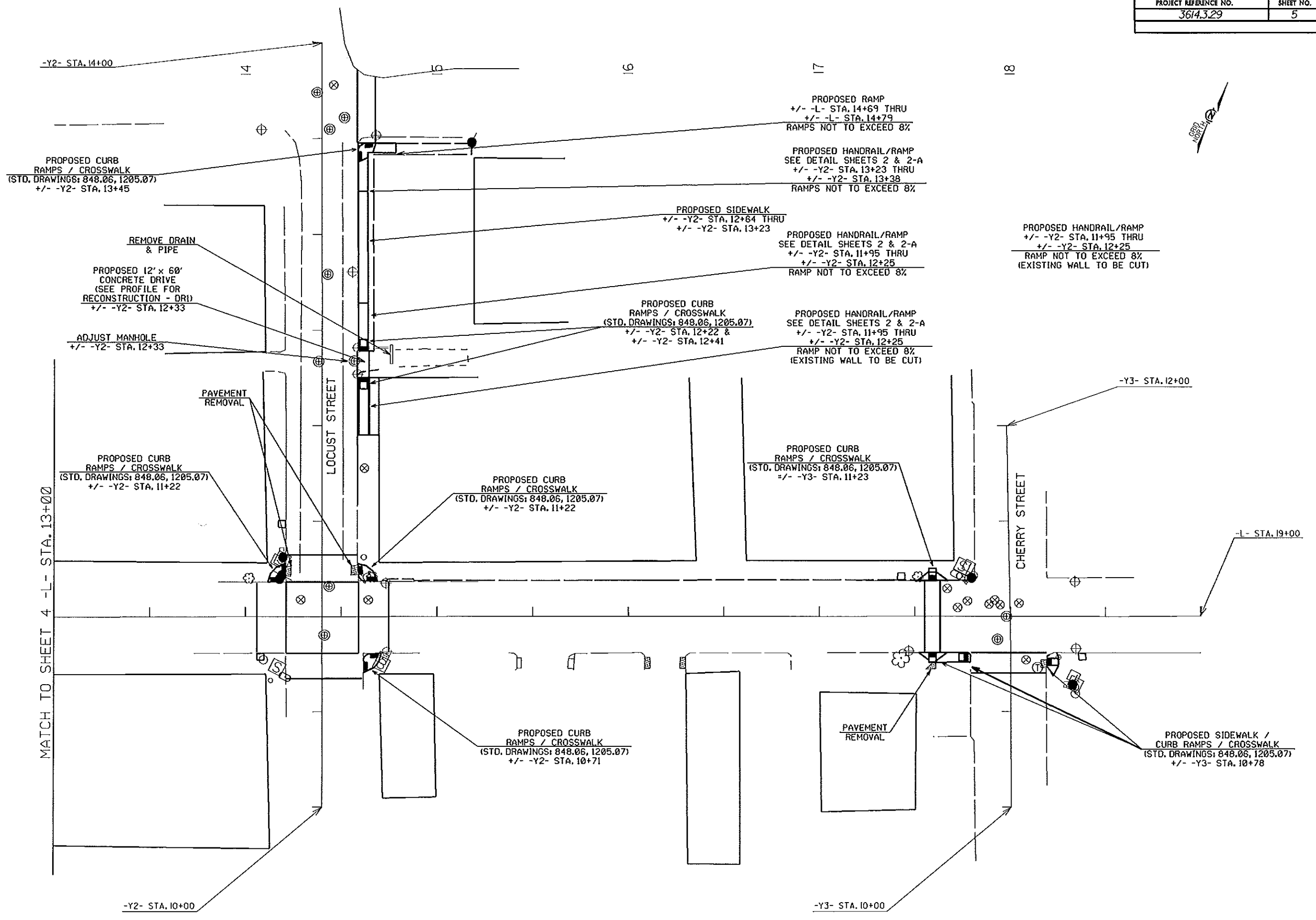
CHESTNUT STREET

PAVEMENT
REMOVAL

PROPOSED CURB
RAMPS / CROSSWALK
(STD. DRAWINGS: 848.06, 1205.07)
+/- -YI- STA. 11+24

PROPOSED CURB
RAMPS / CROSSWALK
(STD. DRAWINGS: 848.06, 1205.07)
+/- -YI- STA. 10+77

MATCH TO SHEET 5 -L- STA. 13+00



5/28/99

PROJECT REFERENCE NO. 3614.3.29	SHEET NO. 6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DR1

1775
1774
1773
1772
1771
1770

0+00

0+10

0+20

(+).5%

DR1

1775
1774
1773
1772
1771
1770

0+20

0+30

0+40

(+).5%

EXISTING - - - - -
PROPOSED - - - - -

5/28/99

PROJECT REFERENCE NO. 3614.3.29	SHEET NO. 7
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DRI

1775
1774
1773
1772
1771
1770

0+40

0+50

0+60

EXISTING - - - - -
PROPOSED - - - - -