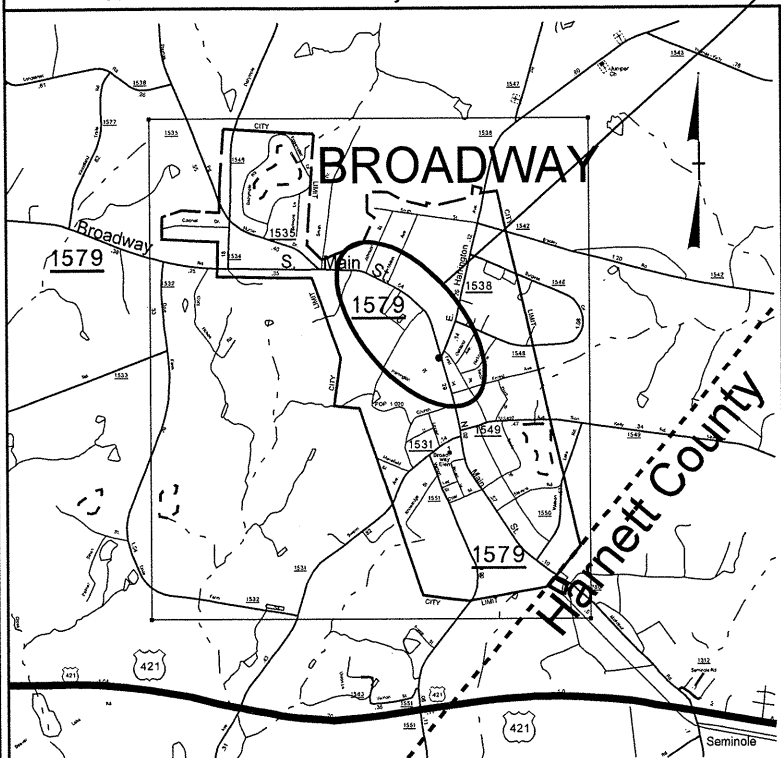


WBS ELEMENT: 39692 SR 1579 (S.MAIN ST & N.MAIN ST)

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols



VICINITY MAP

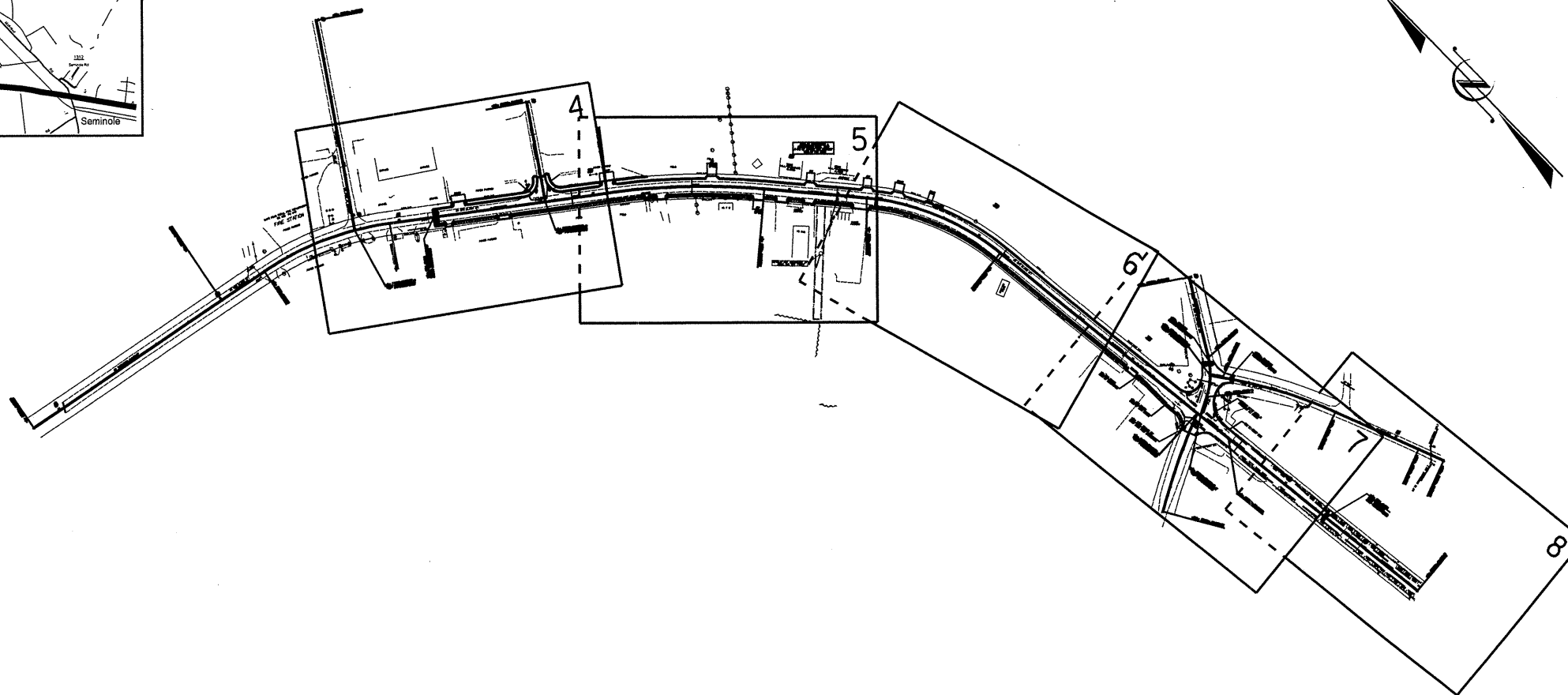
**PROJECT
LOCATION**

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LEE COUNTY

LOCATION: SR 1579 FROM SR 1535 TO SR 1538

TYPE OF WORK: **WIDENING, GRADING, DRAINAGE, PAVING
AND UTILITIES**



STATE	WBS ELEMENT	SHEET NO.	TOTAL SHEETS
N.C.	39692	1	
WBS ELEMENT	P.A. PROJECT NO.	DESCRIPTION	
39692		P.E., CONST.	

307-N-1579-2007-1446
307-N-1579-2007-1446
307-N-1579-2007-1446

RIGHT OF WAY DATE: _____

LETTING DATE: April 17, 2007

DESIGN DATA

ADT 2003 = 7000
ADT = _____
DHV = %
D = %
T = %
V = 35 MPH

2006 STANDARD SPECIFICATIONS

Prepared in the Office of:

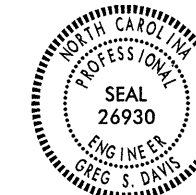
**DIVISION OF HIGHWAYS
DIVISION 8 DESIGN & CONSTRUCT UNIT
902 N. SANDHILLS BLVD.
ABERDEEN NC 28315**

PLANS PREPARED BY: MRT

PROJECT LENGTH

ROADWAY: _____ MILES
STRUCTURE: _____ MILES
TOTAL: 0.48 MILES

DIVISION DESIGN &
CONSTRUCT ENGINEER



1-31-07

Greg S. Davis

INDEX OF SHEETS

INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS
1-B	CONVENTIONAL SYMBOLS
2 THRU 2B	TYPICAL SECTIONS
2C	DETAIL- CONY. D TO CB
2D	DETAIL- ANCHORAGE FOR FRAMES
3	SUMMARY OF QUANTITIES
3A	LIST OF PIPES ENDWALLS, ETC. (FOR PIPES 48" & UNDER)
3B	RIGHT OF WAY AREA DATA, SUMMARY OF EARTHWORK, REMOVAL OF, ETC
4 THRU 8	PLAN SHEETS
9 THRU 14	PROFILE SHEETS
TCF-1	TRAFFIC CONTROL PLAN
PM-1 THRU PM-5	PAVEMENT MARKING PLANS
ECP-1 THRU ECP-6	EROSION CONTROL PLANS
UC-1 THRU UC-7	UTILITY PLANS
X-0 THRU X-15	CROSS-SECTIONS

GENERAL NOTES

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE THE PROPER TIE-IN.

CLEARING

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III

SIDE ROADS

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

SIDEWALK AND WHEELCHAIR RAMPS

THE SIDEWALK AND WHEELCHAIR RAMPS SHOWN ON THE PLANS SHALL BE CONSTRUCTED BY ANOTHER CONTRACT. THE CONTRACTOR WILL BE RESPONSIBLE FOR GRADING THE BERM FOR THE SIDEWALK AS PER THE TYPICAL SECTION.

UTILITIES

UTILITY OWNERS ON THIS PROJECT ARE BROADWAY WATER AND SEWER, PROGRESS ENERGY, ALLTEL TELEPHONE, & CHARTER COMMUNICATIONS.

ANY RELOCATION OF EXISTING UTILITIES (EXCEPT WATER AND SEWER) WILL BE ACCOMPLISHED BY OTHERS.

ROADWAY STANDARD DRAWINGS

The following Roadway Standards as appear in the "Roadway standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., dated July 18, 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
200.03	Method of Clearing - Method III
300.01	Method of Pipe Installation - Method 'A'
300.02	Method of Pipe Installation - Method 'B'
310.02	Parallel Pipe End Section
310.03	Cross Pipe End Section
310.10	Driveway Pipe Construction
560.01	Method of Shoulder Construction - Method I
560.02	Method of Shoulder Construction - Method II
654.01	Pavement Repairs
840.01	Brick Catch Basin - 12" thru 54" - Pipe
840.02	Concrete Catch Basin - 12" thru 54" - Pipe
840.03	Frame, Grates and hood - for Use on Standard Catch Basin
840.14	Concrete Drop Inlet - 12" thru 30" Pipe
840.15	Brick Drop Inlet - 12" thru 30" Pipe
840.16	Drop Inlet Frame and Grate - for use with Std. Dwg.s. 840.14 and 840.15
840.31	Concrete Junction Box - 12" thru 66" Pipe
840.32	Brick Junction Box - 12" thru 66" Pipe
840.45	Precast Drainage Structure
840.54	Manhole Frame and Cover
840.71	Concrete and Brick Pipe Plugs
840.72	Pipe Collar
848.03	Driveway Turnout - Drop Curb Type
848.04	Street Turnout
876.02	Guide for Rip Rap at Pipe Outlets
876.02	Guide for Rip Rap at Pipe Installation

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	-x-x-x-
Proposed Woven Wire Fence	-o-o-o-
Proposed Chain Link Fence	-□-□-□-
Proposed Barbed Wire Fence	-◇-◇-◇-
Existing Wetland Boundary	-w-w-
Proposed Wetland Boundary	-w-w-
Existing Endangered Animal Boundary	-EAB-
Existing Endangered Plant Boundary	-EPB-

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	-JS-
Buffer Zone 1	-BZ 1-
Buffer Zone 2	-BZ 2-
Flow Arrow	←
Disappearing Stream	-----
Spring	⊙
Swamp Marsh	-----
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 Utility Easement	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Wheel Chair Ramp	-----
Curb Cut for Future 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:

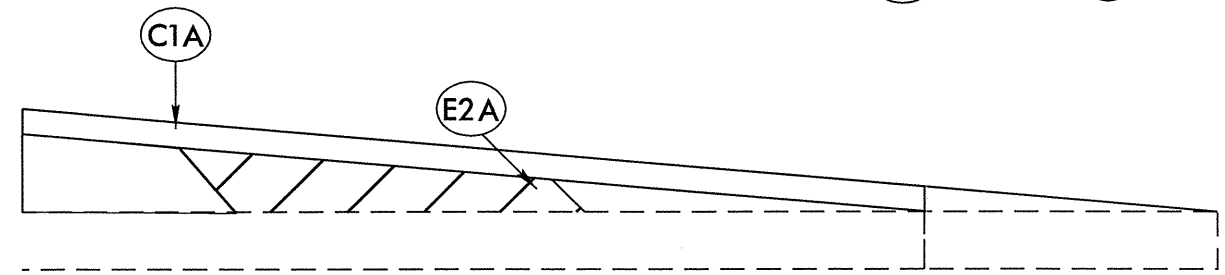
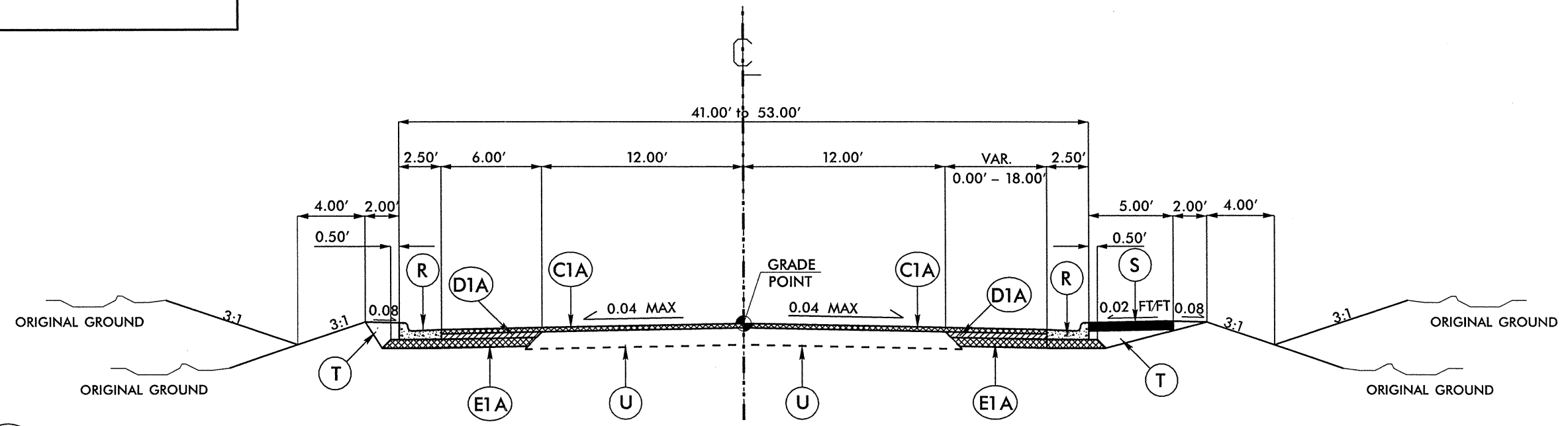
Utility Pole	-----
Utility Pole with Base	-----
Utility Located Object	-----
Utility Traffic Signal Box	-----
Utility Unknown U/G Line	-----
U/G Tank; Water, Gas, Oil	-----
A/G Tank; Water, Gas, Oil	-----
U/G Test Hole (S.U.E.*)	-----
Abandoned According to Utility Records	-----
End of Information	-----

5/28/99

REVISIONS

TYPICAL SECTION NO. 1

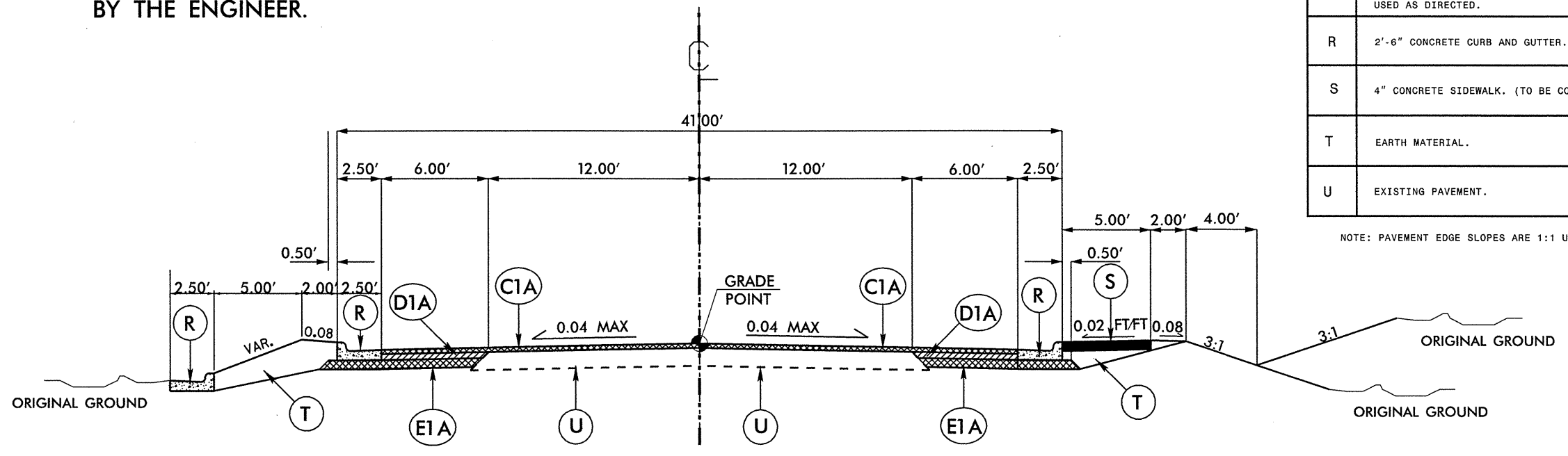
USE TYPICAL SECTION FROM
 STA. -L- 15+88 TO STA. -L- 16+80
 & STA. -L- 21+41.50 TO STA. -L- 36+88



WEDGING DETAIL
 TO BE USED BETWEEN STA -L-21+00
 TO STA. -L- 31+00 OR AS DIRECTED
 BY THE ENGINEER.

TYPICAL SECTION NO. 2

USE TYPICAL SECTION FROM
 STA. -L- 16+80 TO STA. -L- 21+41.50



PAVEMENT SCHEDULE	
C1A	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C3A	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1A	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1A	PROP. APPROX. 4 1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YD.
E2A	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE USED AS DIRECTED.
R	2'-6" CONCRETE CURB AND GUTTER.
S	4" CONCRETE SIDEWALK. (TO BE CONSTRUCTED BY OTHERS)
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

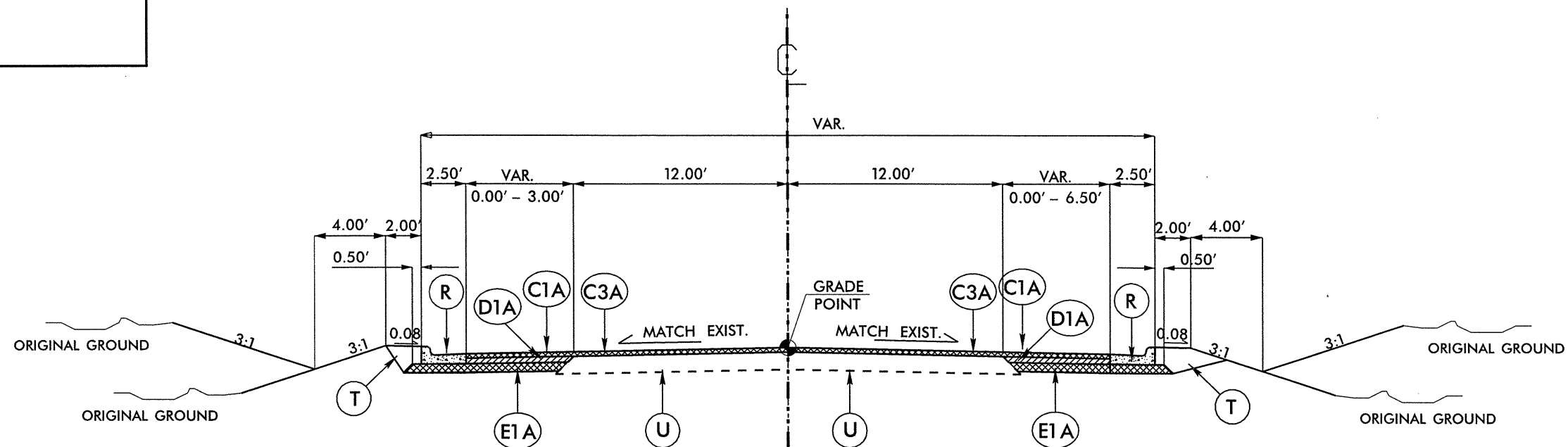
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5/28/99

REVISIONS

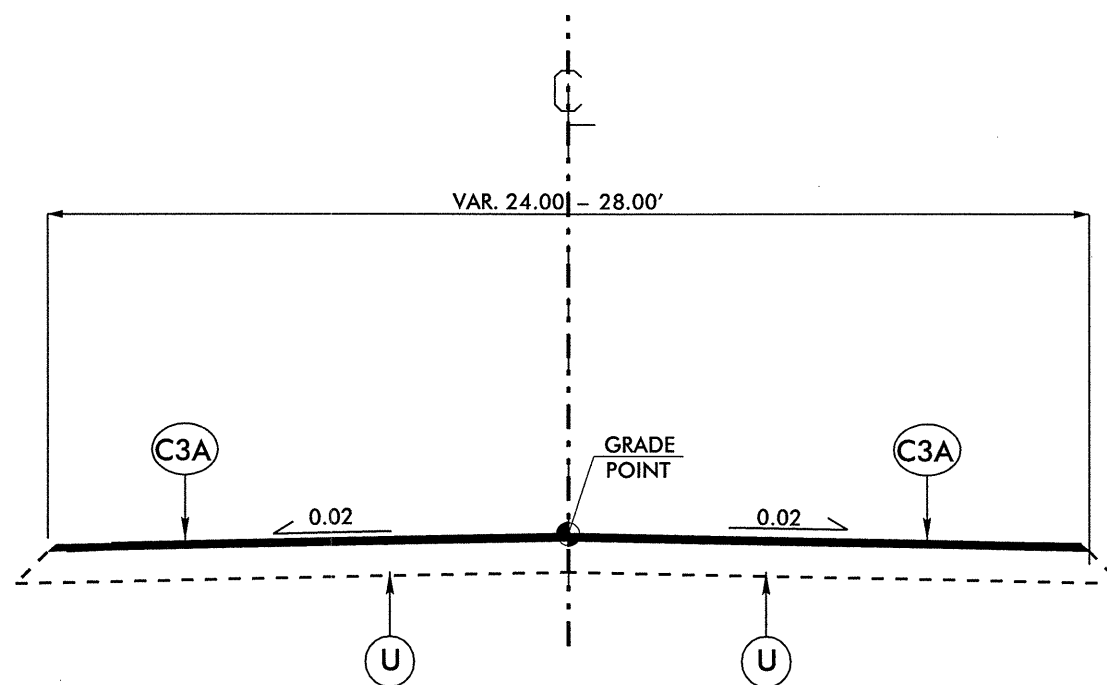
TYPICAL SECTION NO. 6

USE TYPICAL SECTION FROM
STA. -Y3- 12+73.80 TO STA. -Y3- 13+40.00



TYPICAL SECTION NO. 7

USE TYPICAL SECTION FROM
APPROX. STA. -Y3- 12+19.73 TO STA. -Y3- 12+73.80

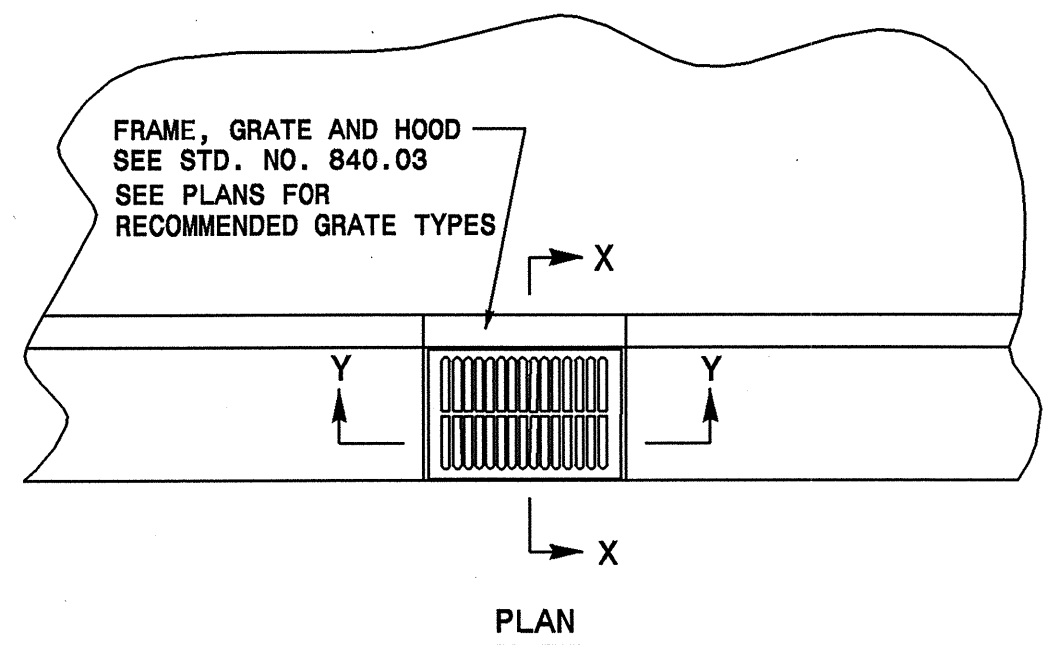


PAVEMENT SCHEDULE

C1A	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2A	PROP. VARIABLE 3" TO 1.5" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C3A	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
R2	EXISTING 2'-6" CONCRETE CURB AND GUTTER.
S2	EXISTING CONCRETE SIDEWALK.
U	EXISTING PAVEMENT.
V	MILLING BITUMINOUS PAVEMENT, 0 TO 3" IN DEPTH.

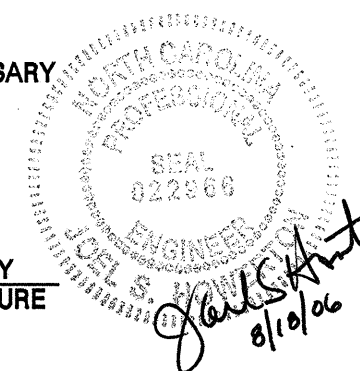
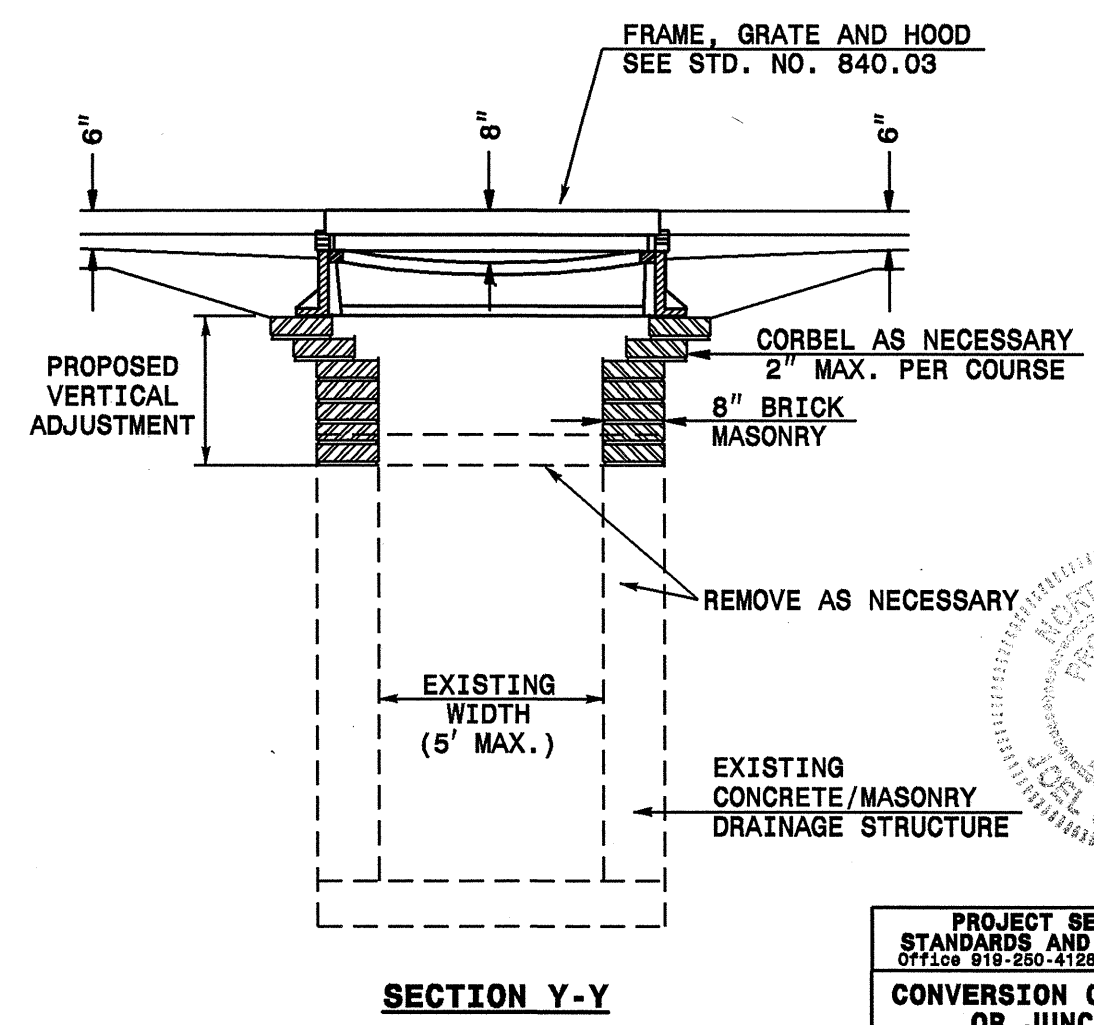
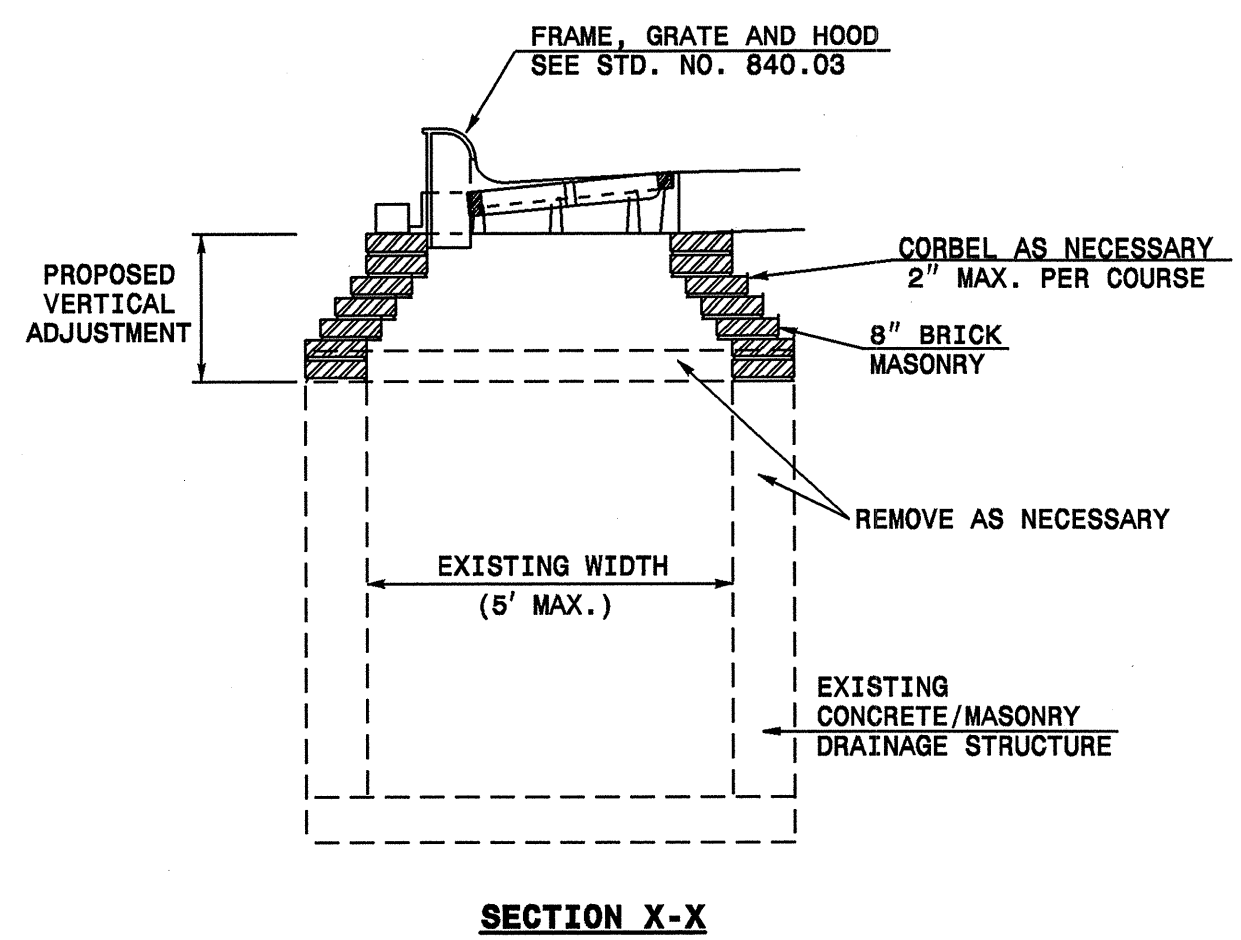
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

30-JAN-2007 11:29
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AT 10864023350



GENERAL NOTES:

- THE ROADWAY PLANS INDICATE STRUCTURES TO BE CONVERTED.
- AFTER REMOVAL, STORE GRATES AND FRAMES AS DIRECTED BY THE ENGINEER.
- 4" SOLID CLAY BRICK, JUMBO BRICK, CONCRETE, OR 4" SOLID CONCRETE BLOCK MAY BE USED FOR VERTICAL ADJUSTMENT OF THE STRUCTURE.
- CONVERT IN ACCORDANCE WITH SECTION 859 OF THE STANDARD SPECIFICATIONS.



**PROJECT SERVICES UNIT
STANDARDS AND SPECIAL DESIGN**
Office 919-250-4128 FAX 919-250-4119

**CONVERSION OF DROP INLET
OR JUNCTION BOX
TO CATCH BASIN**

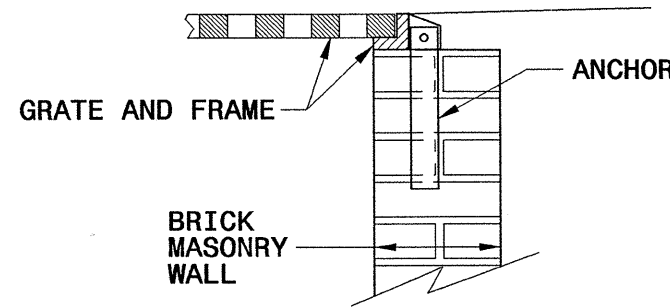
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 CHECKED BY: DATE:
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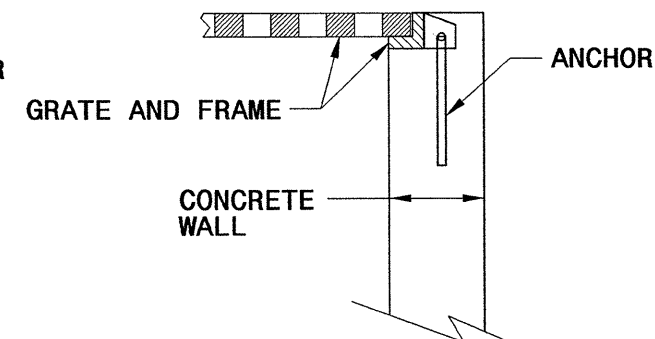
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
ANCHORAGE FOR FRAMES
BRICK/CONCRETE/PRECAST CONCRETE

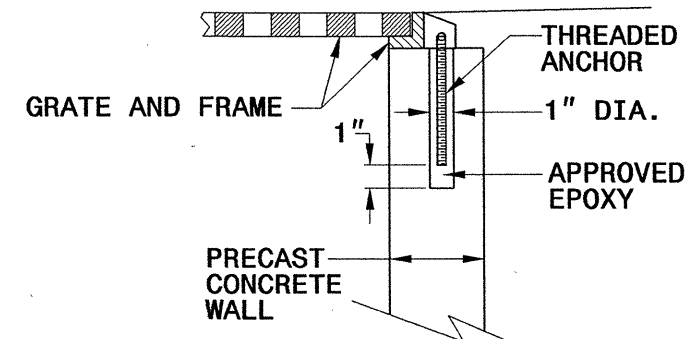
SHEET 1 OF 1
840D25



BRICK MASONRY CONSTRUCTION



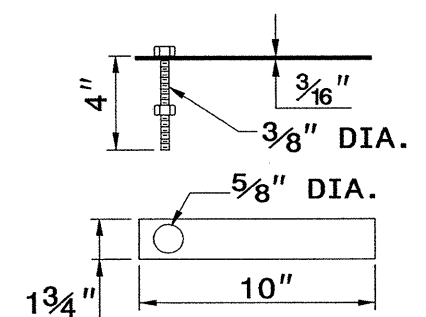
CONCRETE CONSTRUCTION



PRECAST CONCRETE CONSTRUCTION

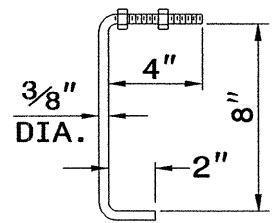
DETAIL SHOWING ANCHORAGE OF FRAME FOR GRATED DROP INLET

NOTE:
CONSTRUCT GRATED DROP INLET TO COINCIDE WITH NORMAL OR SUPERELEVATED SHOULDER OR PAVEMENT SLOPE.



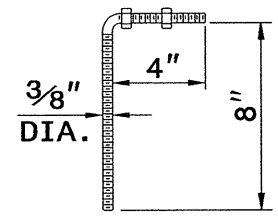
MASONRY ANCHOR

3/8" DIA. BOLT WITH PLATE



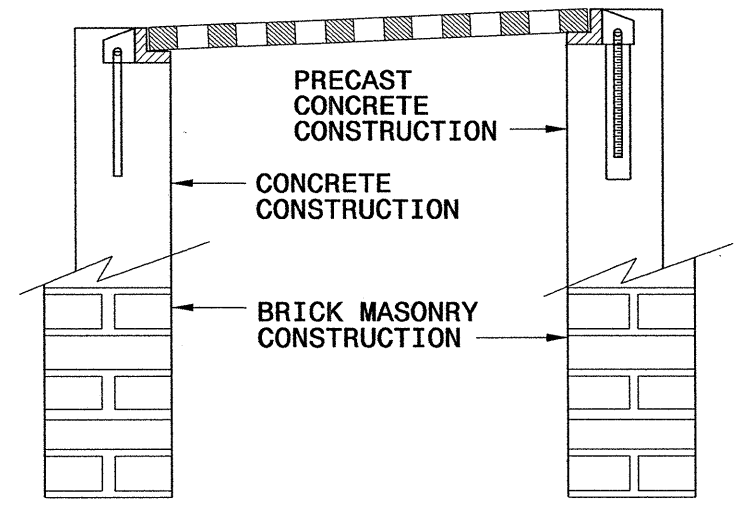
CONCRETE ANCHOR

3/8" DIA. BENT BAR



PRECAST CONCRETE ANCHOR

3/8" DIA. BENT BAR



FRAME AND GRATE INSTALLATION FOR NORMAL CROWN AND SUPERELEVATED SECTIONS

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
ANCHORAGE FOR FRAMES
BRICK/CONCRETE/PRECAST CONCRETE

SHEET 1 OF 1
840D25

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NORTH CAROLINA PROFESSIONAL SEAL 022968
JOEL S. HOWER, ENGINEER
2/14/07

PROJECT SERVICES UNIT STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

ORIGINAL BY: 2006 STD 840.25 DATE: 07/18/06
MODIFIED BY: E.E. WARD DATE: 9/25/06
CHECKED BY: DATE: FILE SPEC.:

SUMMARY OF QUANTITIES

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ROADWAY SUMMARY OF QUANTITIES FOR CONTRACT - C201745

ItemNumber	Sec #	Quantity	Unit	Description	ItemNumber	Sec #	Quantity	Unit	Description
0000100000-N	800	Lump Sum		MOBILIZATION	2396000000-N	840	2	EA	FRAME WITH COVER, STD 840.54
0043000000-N	226	Lump Sum		GRADING	2549000000-E	846	4,545	LF	2'-6" CONCRETE CURB & GUTTER
0318000000-E	300	354	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2612000000-E	848	300	SY	6" CONCRETE DRIVEWAY
0343000000-E	310	44	LF	15" SIDE DRAIN PIPE	2830000000-N	858	10	EA	ADJUSTMENT OF MANHOLES
0366000000-E	310	3,110	LF	15" RC PIPE CULVERTS, CLASS III	2845000000-N	858	5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
0372000000-E	310	180	LF	18" RC PIPE CULVERTS, CLASS III	2920000000-N	SP	2	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN
0453000000-E	310	2	EA	*** PIPE END SECTION (18")	3649000000-E	876	8	TON	RIP RAP, CLASS B
0995000000-E	340	272	LF	PIPE REMOVAL	3656000000-E	876	27	SY	FILTER FABRIC FOR DRAINAGE
1220000000-E	545	400	TON	INCIDENTAL STONE BASE	4589000000-N	SP	Lump Sum		GENERIC TRAFFIC CONTROL ITEM TRAFFIC CONTROL
1308000000-E	607	400	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")	4685000000-E	1205	150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1489000000-E	610	1,725	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	4686000000-E	1205	7,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1498000000-E	610	705	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	4695000000-E	1205	120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1519000000-E	610	1,890	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4710000000-E	1205	145	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1560000000-E	620	221	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	4725000000-E	1205	19	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1693000000-E	654	116	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	4810000000-E	1205	7,500	LF	PAINT PAVEMENT MARKING LINES (4")
2253000000-E	840	0.5	CY	PIPE COLLARS	4900000000-N	1251	133	EA	PERMANENT RAISED PAVEMENT MARKERS
2264000000-E	840	0.7	CY	PIPE PLUGS	5325600000-E	1510	210	LF	6" WATER LINE
2286000000-N	840	36	EA	MASONRY DRAINAGE STRUCTURES	5325800000-E	1510	10	LF	8" WATER LINE
2364000000-N	840	11	EA	FRAME WITH TWO GRATES, STD 840.16	5326000000-E	1510	2,286	LF	10" WATER LINE
2374000000-N	840	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	5540000000-E	1515	2	EA	6" VALVE
2374000000-N	840	16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	5546000000-E	1515	1	EA	8" VALVE
2374000000-N	840	5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	5552000000-E	1515	3	EA	10" VALVE
					5648000000-N	1515	7	EA	RELOCATE WATER METER
					5649000000-N	1515	5	EA	RECONNECT WATER METER
					5672000000-N	1515	4	EA	RELOCATE FIRE HYDRANT
					5691300000-E	1520	20	LF	8" SANITARY GRAVITY SEWER
					5800000000-E	1530	215	LF	ABANDON 6" UTILITY PIPE
					5801000000-E	1530	2,258	LF	ABANDON 8" UTILITY PIPE
					6000000000-E	1605	300	LF	TEMPORARY SILT FENCE
					6006000000-E	1610	15	TON	STONE FOR EROSION CONTROL, CLASS A
					6009000000-E	1610	50	TON	STONE FOR EROSION CONTROL, CLASS B
					6012000000-E	1610	160	TON	SEDIMENT CONTROL STONE
					6015000000-E	1615	1.75	ACR	TEMPORARY MULCHING
					6036000000-E	1631	750	SY	MATTING FOR EROSION CONTROL
					6042000000-E	1632	550	LF	1/4" HARDWARE CLOTH
					6084000000-E	1660	2.06	ACR	SEEDING & MULCHING

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REVISED 9-15-06 FOR RIGHT-OF-WAY CHANGE ON PARCEL #5
 REVISED 1-16-07 CROSS SECTION CHANGE STA. -L- 24+00 TO 36+75

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAMES	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RT.	AREA REMAINING LT.	CONST. EASE. (sf)	PERM. DRAIN. EASE.	TEMP. DRAIN. EASE.
1	JAMES HALFORD JONES	0.48 ac				573.92		
2	PARK OIL CO., INC.	1.00 ac				1788.23		
3	WORNOM & PERKINS, LLC.	0.46 ac	0.004 ac		0.456 ac	2133.49		
4	MRS. DO HARRINGTON, (HEIRS)	39.83 ac				8435.29		
5	HENRY J. & LYNNE GREEN	1.20 ac	0.004 ac		1.196 ac	2561.19		
6	JAMES A. & JUDY T. BAILEY					1285.66		
7	CROSSROADS CHURCH	28.39 ac				1529.92		
8	SHERRY DIANE WOMACK	2.17 ac				1229.70		
9	HUNTER ENTERPRISES INC OF BROADWAY					2357.58		
10	SCOTT E. & GLENDA M. MORRILL	2.16 ac				5618.63	5363.49	
11	ELIZABETH M. LUCAS	1.04 ac				2116.29	291.01	
12	DAVID W. & MARETTA K. WARD	2.01 ac				3961.31		
13	DAVID HARRINGTON	1.40 ac				2643.16		
14	MRS HARRINGTON (HEIRS)	8.51 ac				5602.49		
15	TOWN OF BROADWAY	2.18 ac				4360.99		
16	TOWN OF BROADWAY					3223.15		

SUMMARY OF EARTHWORK
 IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
-L- STA 15+88 TO -L- STA 36+75	816	-	1111	291	-
-Y3- STA 12+73.80 TO -Y3- STA 13+40.00	20		1		19
GRAND TOTAL	836	-	1112	276	-

* - EARTHWORK TOTALS ARE FOR INFORMATIONAL PURPOSES ONLY.

REMOVAL OF EXISTING "ASPHALT" PAVEMENT

LOCATION	LOCATION	SQ. FT
-L- STA 16+36 TO -L- STA 18+64	LT.	4713.02
-L- STA 18+83 TO -L- STA 21+42	LT.	5735.17
-L- STA 16+00 TO -L- STA 36+88 VARIOUS LOCATIONS	RT.	3164.23
GRAND TOTALS:		13612.42
SAY		13615 *

* - ASPHALT REMOVAL SHALL BE INCLUDED IN LUMP SUM GRADING.

REMOVAL OF EXISTING "CONCRETE CURB"

LOCATION	LOCATION	SQ. FT
SHEET 7	LT. & RT.	352.76
GRAND TOTALS:		352.76
SAY		355 *

* - CONCRETE CURB REMOVAL SHALL BE INCLUDED IN LUMP SUM GRADING.

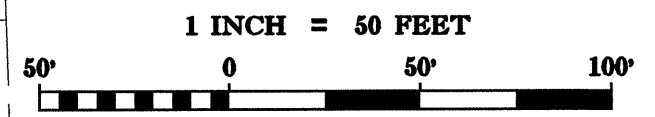
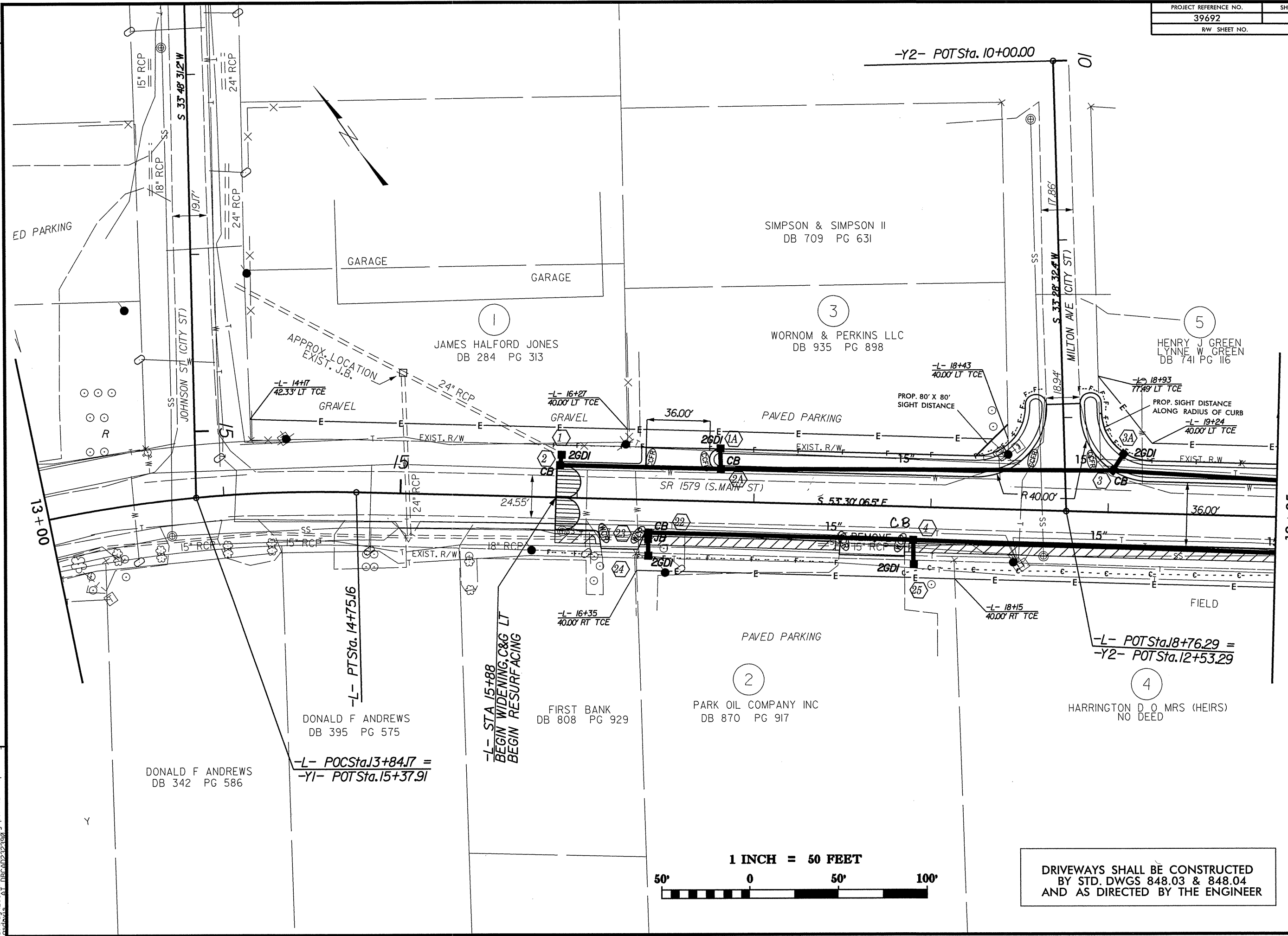
6/21/00

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8/17/99

REVISIONS

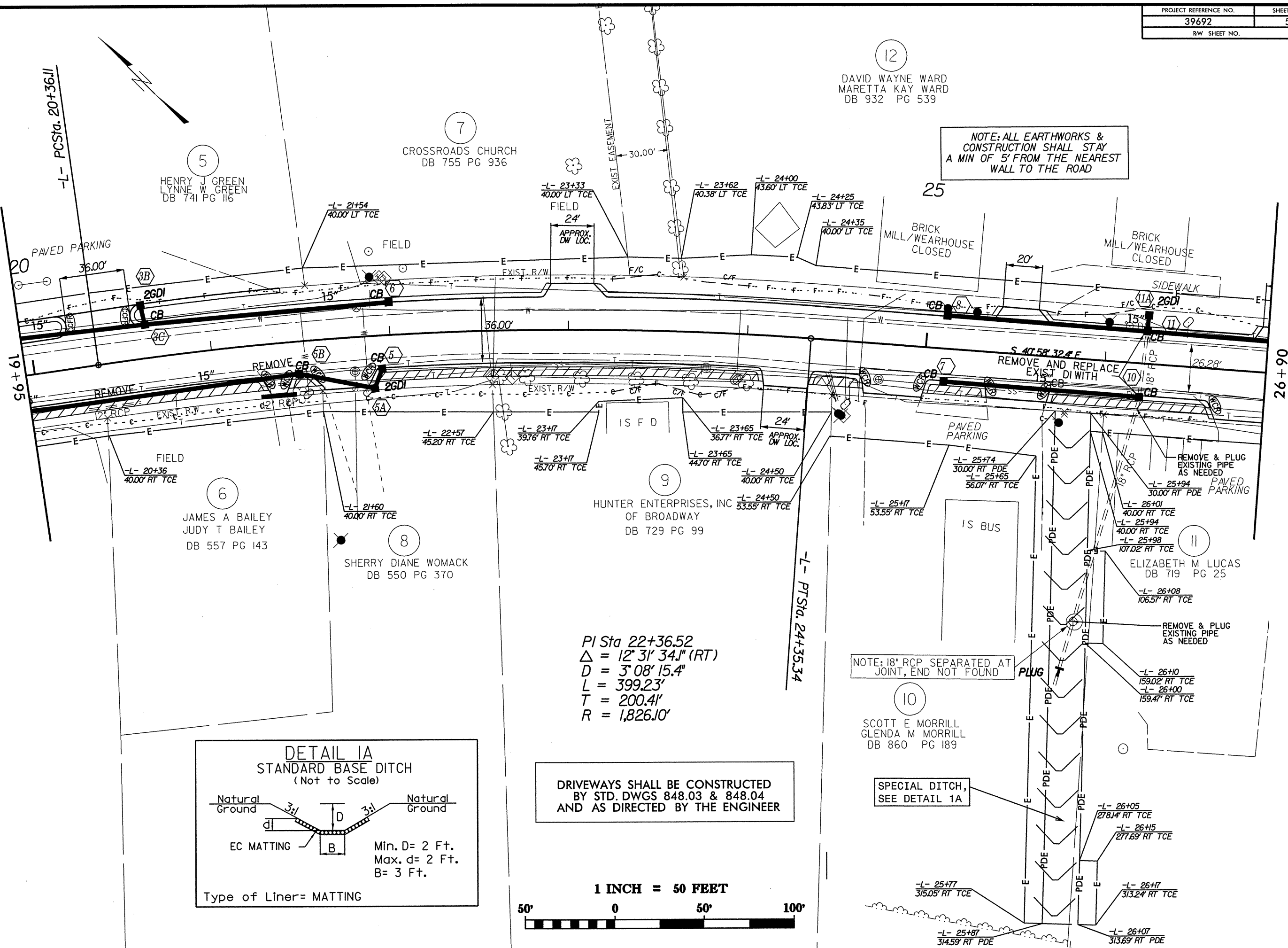
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 created by Lee A. H. 1/16/07



DRIVEWAYS SHALL BE CONSTRUCTED BY STD. DWGS 848.03 & 848.04 AND AS DIRECTED BY THE ENGINEER

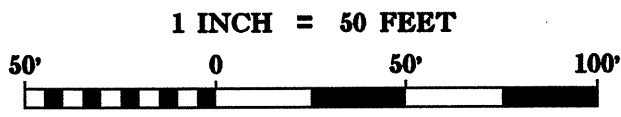
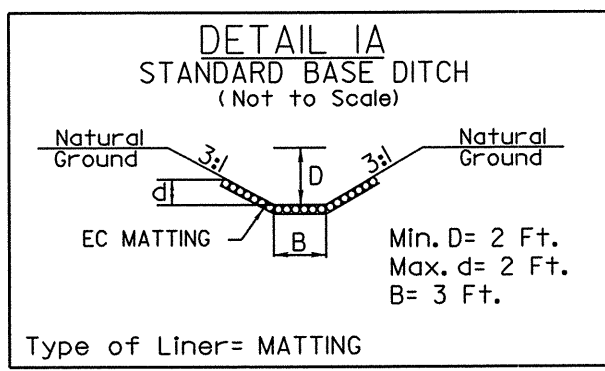
12
 DAVID WAYNE WARD
 MARETTA KAY WARD
 DB 932 PG 539

NOTE: ALL EARTHWORKS & CONSTRUCTION SHALL STAY A MIN OF 5' FROM THE NEAREST WALL TO THE ROAD



PI Sta 22+36.52
 $\Delta = 12^\circ 31' 34''$ (RT)
 $D = 3^\circ 08' 15.4''$
 $L = 399.23'$
 $T = 200.41'$
 $R = 1,826.10'$

DRIVEWAYS SHALL BE CONSTRUCTED BY STD. DWGS 848.03 & 848.04 AND AS DIRECTED BY THE ENGINEER



NOTE: 18" RCP SEPARATED AT JOINT, END NOT FOUND

SPECIAL DITCH, SEE DETAIL 1A

REVISIONS

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 30-JAN-2007 14:56
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 sherry

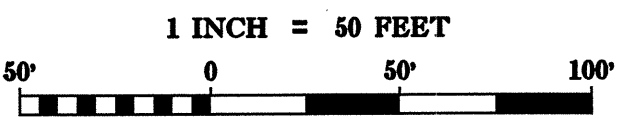
8/17/99
 30-JAN-2007 14:54
 C:\projects\psh\2702-psh_7.dgn
 psh

-Y3-
 PI Sta 12+60.88
 $\Delta = 31^{\circ} 07' 59.7''$ (RT)
 $D = 30^{\circ} 38' 22.0''$
 $L = 101.61'$
 $T = 52.09'$
 $R = 187.00'$

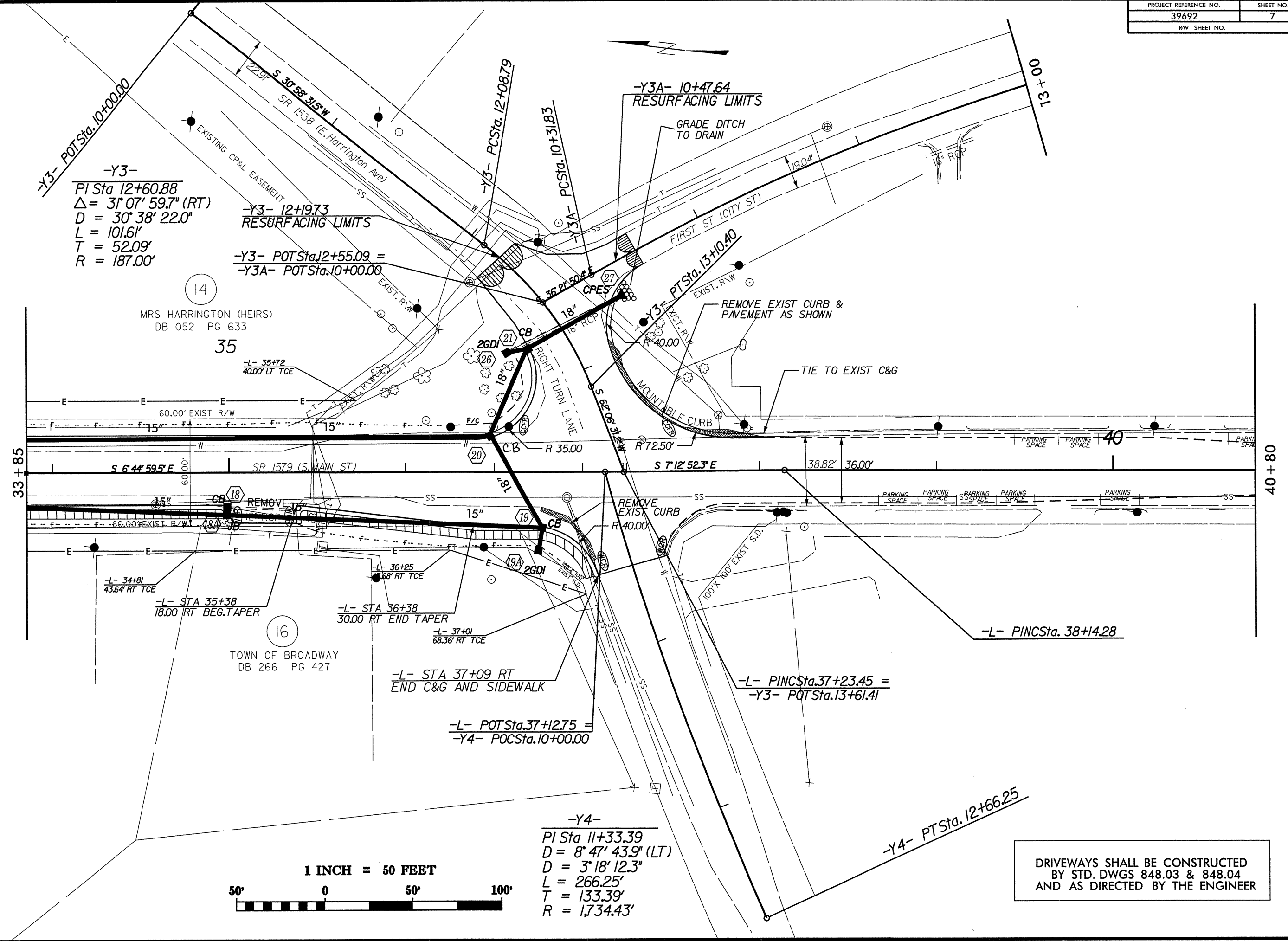
-Y3- 12+19.73
 RESURFACING LIMITS

-Y3- POTSta. 12+55.09 =
 -Y3A- POTSta. 10+00.00

-Y4-
 PI Sta 11+33.39
 $D = 8^{\circ} 47' 43.9''$ (LT)
 $D = 3^{\circ} 18' 12.3''$
 $L = 266.25'$
 $T = 133.39'$
 $R = 1,734.43'$



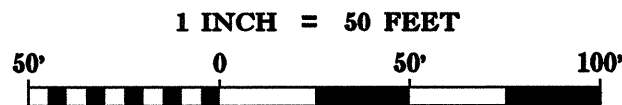
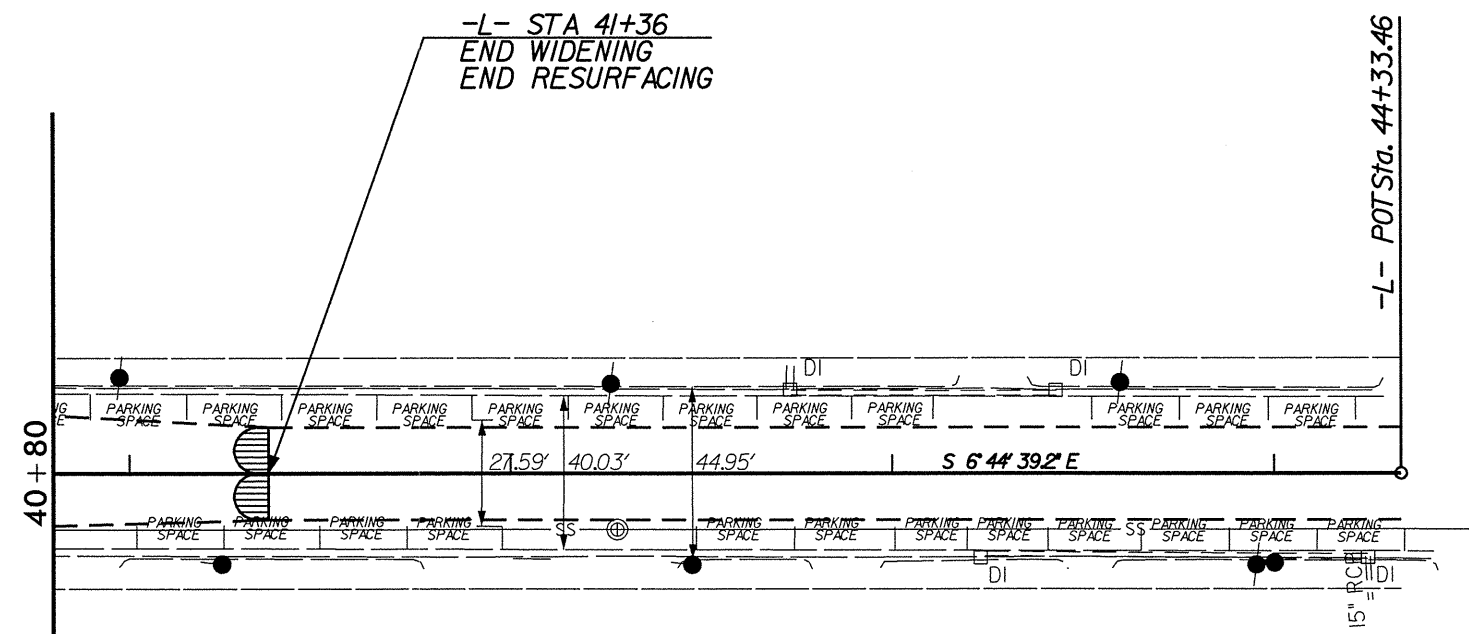
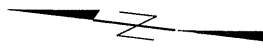
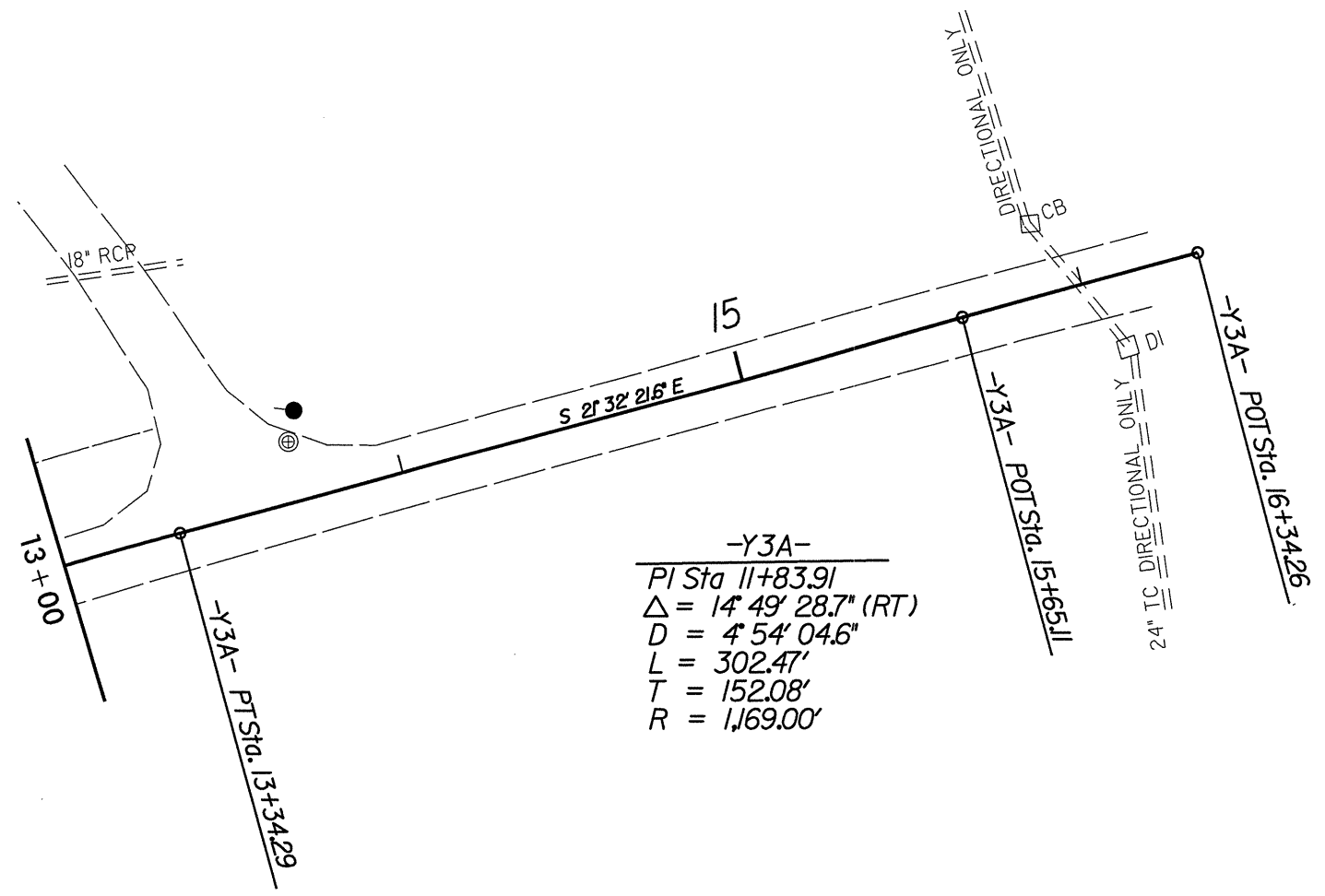
DRIVEWAYS SHALL BE CONSTRUCTED
 BY STD. DWGS 848.03 & 848.04
 AND AS DIRECTED BY THE ENGINEER



REVISIONS

8/17/99

REVISIONS



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 asdava

5/28/99

PROJECT REFERENCE NO.	SHEET NO.
39692	9
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

110

100

90

-0.99 %

5+00

6+00

7+00

8+00

9+00

10+00

11+00

100

90

110

100

90

-0.74 %

-0.18 %

12+00

13+00

14+00

15+00

16+00

17+00

18+00

100

90

30-141-2007 1129
D:\rdm\lev\ar\1579_brc\p\p\lev\ar\1579_vpf_9.dgn

5/28/99

PROJECT REFERENCE NO.	SHEET NO.
39692	10
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

110

100

90

19+00 20+00 21+00 22+00 23+00 24+00 25+00

0.55 %

-L

0.60 %

100

90

110

100

90

26+00 27+00 28+00 29+00 30+00 31+00 32+00

0.10 %

-L

-0.83 %

110

100

90

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5/28/99

PROJECT REFERENCE NO.	SHEET NO.
39692	11
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

100

90

80

32+00 33+00 34+00 35+00 36+00 37+00 38+00

-L-

-0.44 %

-0.14 %

-0.82 %

100

90

80

39+00 40+00 41+00 42+00 43+00 44+00

-0.65 %

-L-

-0.30 %

0.14 %

30-JAN-2007 11:29
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CADKEY

PROJECT REFERENCE NO.	SHEET NO.
39692	12
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5/28/99

100

90

80

10+00

11+00

12+00

13+00

14+00

15+00

90

80

-1.28 %

-2.08 %

-Y1-

-3.85 %

-3.68 %

-0.09 %

-Y2-

-1.10 %

30-JAN-2007 11:29
 D:\rdy\Lee\1579_broadkey\posh\1579_vpf_12.dgn
 asdavis

5/28/99

PROJECT REFERENCE NO.	SHEET NO.
39692	13
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

100

-0.74 % -Y3- -0.58 %

90

90

80

80

10+00 11+00 12+00 13+00

-Y3A- -3.57 %

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D:\cd\Lee\p\1579\roadway\pesh\er1579_vpf_13.dgn
roadway

5/28/99

PROJECT REFERENCE NO.	SHEET NO.
39692	14
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

100

-0.47 %

90

90

80

80

10+00

11+00

12+00

30-MN-2007-11-29
D:\rdy\Lee\ar1579_broadkey\osh\ar1579_vpf_14.dgn
redava