



**TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
www.transportation.ky.gov/

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

April 15, 2013

CALL NO. 200  
CONTRACT ID NO. 131308  
ADDENDUM # 2

Subject: Fayette County, 034GR13D013-STPM AND FD04 SPP  
Letting April 19, 2013

- (1) Revised - Plan Sheet - R1, R2N, R2O, U8, U9, U10, U11, U12, U13 & U14
- (2) Revised - Material Summary - Pages 131-140 of 216
- (3) Revised - Bid Items - Pages 205-216 of 216

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

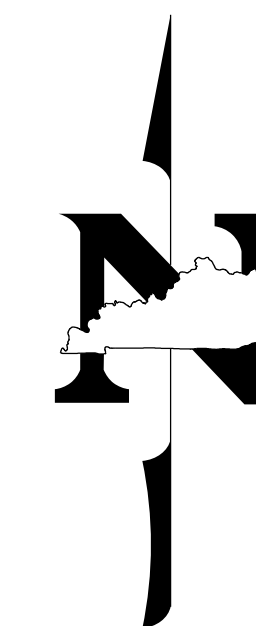
Ryan Griffith  
Acting Director  
Division of Construction Procurement

RG:ks  
Enclosures



An Equal Opportunity Employer M/F/D

COUNTY OF	ITEM NO.	SHEET NO.
FAYETTE	7-226.4 7-226.1	RI



# Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

## PLANS OF PROPOSED PROJECT FAYETTE COUNTY CITATION BOULEVARD, PHASE II THESE PLANS ARE FOR GRADE, DRAIN AND SURFACING FD04 SPP 034 1082 NEW ROUTE

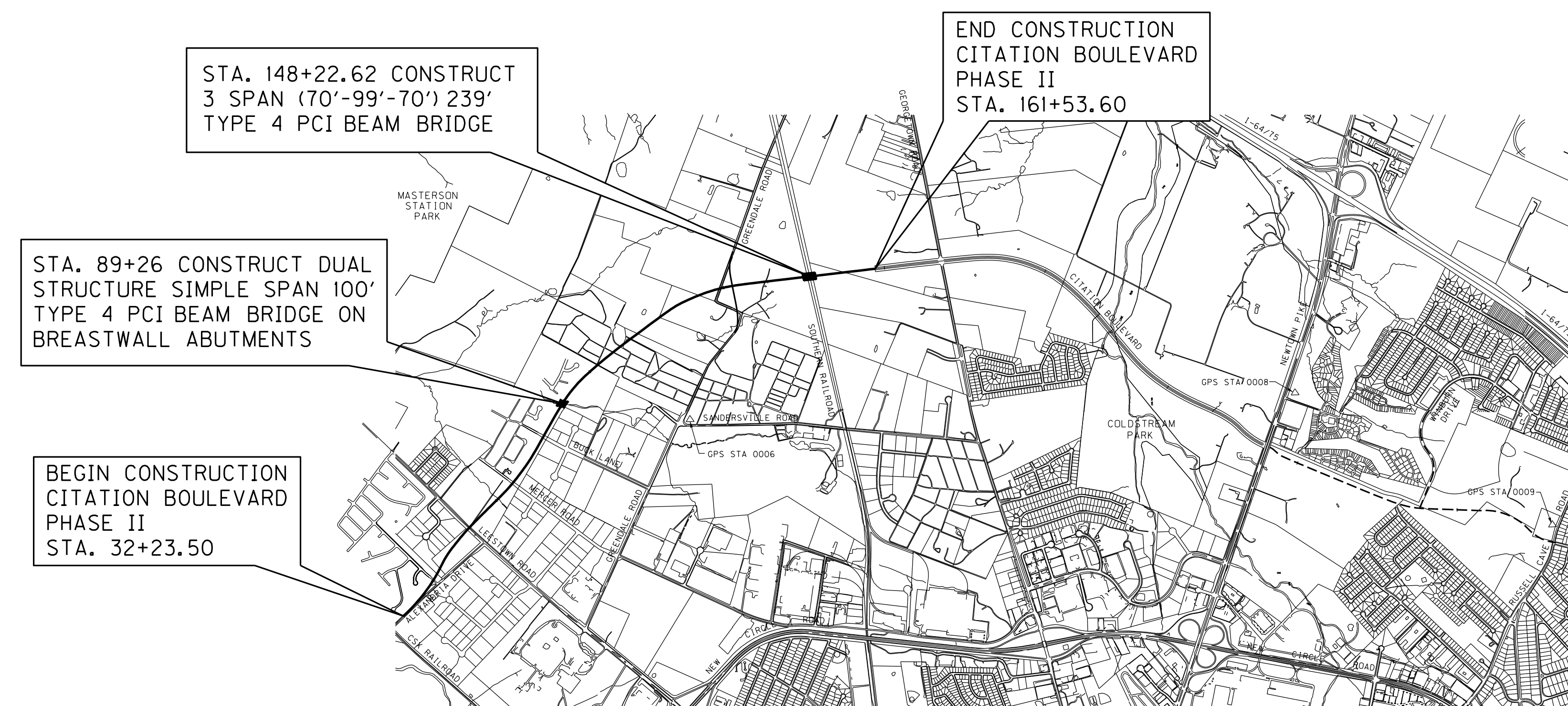
INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2-R20	TYPICAL SECTIONS-SUMMARY OF QUANTITIES
R3-24	PLAN AND PROFILE SHEETS
R25-R27	RIGHT OF WAY SUMMARY SHEETS
R28	RIGHT OF WAY STRIP MAP SHEETS
R29-R36	DETAIL SHEETS
R37-R53	TRAFFIC CONTROL SHEETS
R54-R65	EROSION CONTROL SHEETS
R66-R67	COORDINATE CONTROL SHEETS
R68-R79	SOIL PROFILE SHEETS
R80-R93	PIPE DRAINAGE SHEETS
S1-S44	STRUCTURE DRAWING NO. 25308
S1-S50	STRUCTURE DRAWING NO. 25974
T1-T28	TRAFFIC PLANS
U1-U14	UTILITY RELOCATION PLANS
X1-X136	CROSS SECTION SHEETS

TOTAL SHEETS	
(R) ROADWAY	93
(S) STRUCTURE	94
(T) TRAFFIC	28
(U) UTILITY	14
(X) CROSS SECTIONS	136

SHEETS NOT INCLUDED IN TOTAL SHEETS  
R20-R20, R15A, R21A, R23A

STANDARD DRAWINGS		
NUMBER		
RBB-002-08	RD1-016-02	RGX-100-05
RBB-010-04	RD1-020-08	RGX-105-07
RBC-001-10	RD1-021	RGX-200
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RBC-003-07	RD1-026	RPM-100-09
RBI-001-10	RD1-035-01	RPM-120-06
RBI-002-06	RD1-045-01	RPM-150-07
RBI-004-04	RDM-001-06	RPM-152-07
RBM-130-04	RDM-010-05	RPM-170-08
RBR-015-04	RDM-011-04	RPM-172-06
RBR-016-04	RDM-012-02	RPN-010-06
RBR-020-05	RDM-013-03	RPN-015-04
RDB-003-07	RDM-100-02	RPS-010-10
RDB-004-09	RDP-001-05	RPS-031-05
RDB-005-08	RDP-005-04	RPS-032-05
RDB-105-05	RDP-006-03	RPS-033-06
RDB-106-04	RDP-010-08	RPS-034-06
RDB-270-08	RDX-001-05	RPX-001-03
RDB-271-04	RDX-002-03	RPX-010-04
RDB-272-06	RDX-160-05	RPX-015-03
RDB-273-05	RDX-210-02	RPX-020-05
RDB-430-04	RDX-220-04	RRE-002-04
RDD-040-04	RDX-225	TTC-100-03
RDH-020-03	RDX-230	TTC-155-01
RDH-110-02	RFW-001-05	TTD-110-01
RDH-210-03	RFW-005-07	TTD-125-01
RDH-220-02	RGS-001-06	TTS-100-01
RDH-310-04	RGS-002-05	TTS-105-01
RDH-350-03	RGX-001-05	TTS-115-01
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RD1-011-02	RGX-030-06	
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SEPIAS INCLUDED: 2,5,8,12



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CITATION BOULEVARD WILL BE MAINTAINED AFTER CONSTRUCTION BY THE LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT.

### DESIGN CRITERIA

CLASS OF HIGHWAY	URBAN ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	60 MPH
REQUIRED NPSD	570 FT.
REQUIRED PSD	N/A
LEVEL OF SERVICE	
ADT PRESENT ( )	N/A
ADT FUTURE ( 2030 )	24,600
DHV	
D %	
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### GEOGRAPHIC COORDINATES

LATITUDE 38 DEGREES 5 MINUTES 19.93 SECONDS NORTH  
LONGITUDE 84 DEGREES 32 MINUTES 9.68 SECONDS WEST

### DESIGNED

% RESTRICTED SD	N/A
LEVEL OF SERVICE	N/A
MAX. DISTANCE W/O PASSING	N/A

**BEFORE YOU DIG**

↓

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### LAYOUT MAP

LENGTH	LIN. FT.	MILES	ADDED DEDUCTED	FOR EQUALITIES	NOT INCLUDED	LENGTH	LIN. FT.	MILES	ADDED DEDUCTED	FOR EQUALITIES	NOT INCLUDED	LENGTH	LIN. FT.	MILES	ADDED DEDUCTED	FOR EQUALITIES	NOT INCLUDED	LENGTH	LIN. FT.	MILES	ADDED DEDUCTED	FOR EQUALITIES	NOT INCLUDED	
12930.1		2.448																						

**Commonwealth of Kentucky  
DEPARTMENT OF HIGHWAYS  
COUNTY OF  
FAYETTE**

ITEM NO. 7-226.4, 7-226.1  
PROJECT NUMBER: FD04 SPP 034 1082 NEW ROUTE  
LETTING DATE: \_\_\_\_\_

RECOMMENDED BY: JOSHUA SAMPLES DATE: MARCH 5, 2013  
PROJECT MANAGER

PLAN APPROVED BY: [Signature] DATE: 03-11-2013  
STATE HIGHWAY ENGINEER

**HDR** HDR Engineering, Inc.  
2517 Sir Barton Way  
Lexington, KY 40509

**JOSEPH D. COCHRAN**  
21057  
PROFESSIONAL ENGINEER

*Joseph D. Cochran*

FILE NAME: C:\PWORK\MSP\0144517\KYTC\_SHEET\_CEL  
USER: AlexL.Smith  
DATE PLOTTED: October 11, 2010  
E-SHEET NAME:  
MicroStation v8.11.7.443



**REVISED 04-12-2013**



# Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

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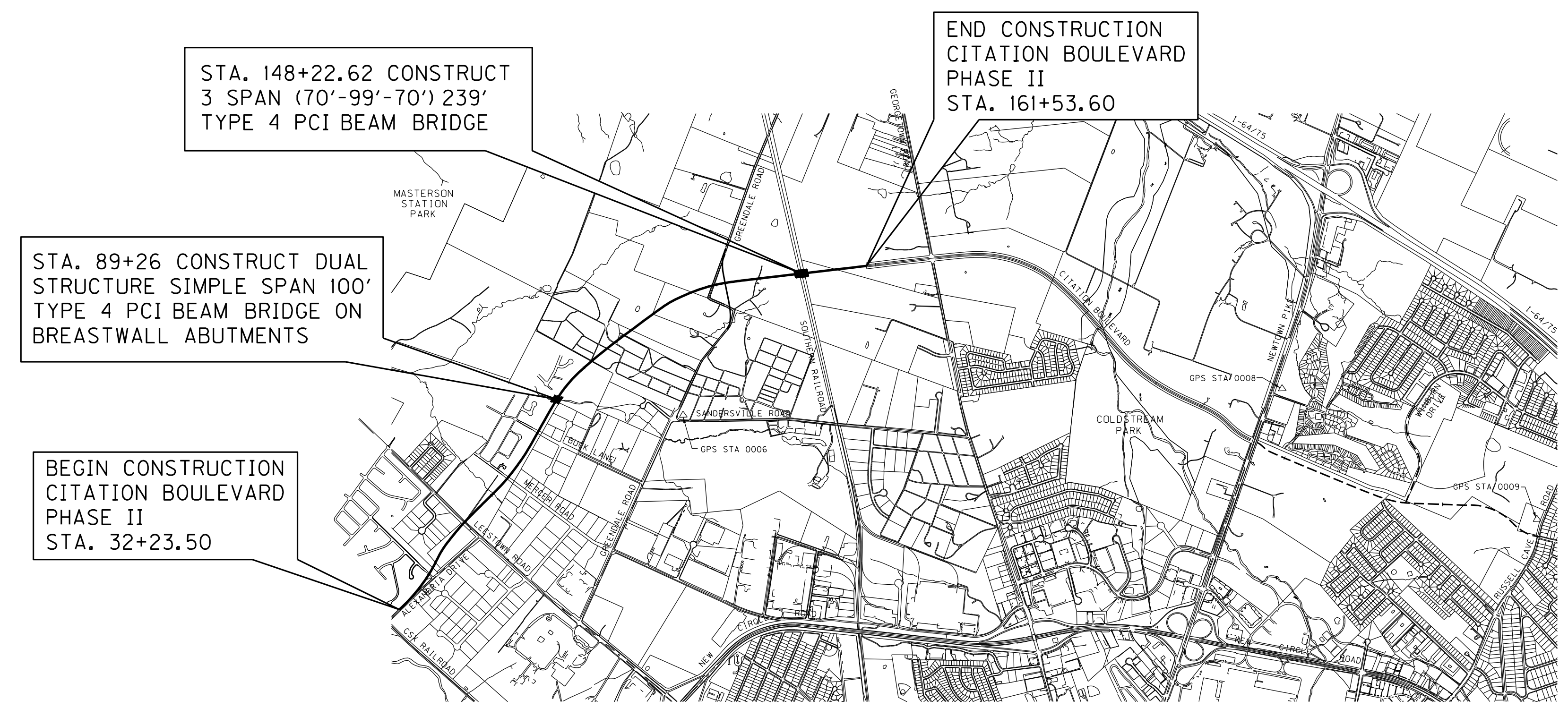
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USER: AlexL.Smith  
DATE PLOTTED: October 11, 2010  
E-SHEET NAME: MicroStation v8.11.7.443

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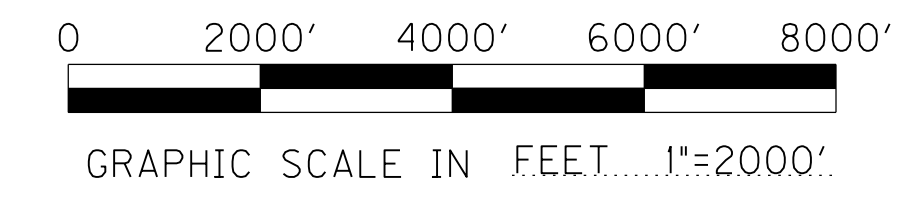
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% RESTRICTED SD	N/A
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MAX. DISTANCE W/O PASSING	N/A

**BEFORE YOU DIG**

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**HDR** HDR Engineering, Inc.  
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STATE OF KENTUCKY  
JOSEPH D. COCHRAN  
21057  
LICENSED PROFESSIONAL ENGINEER

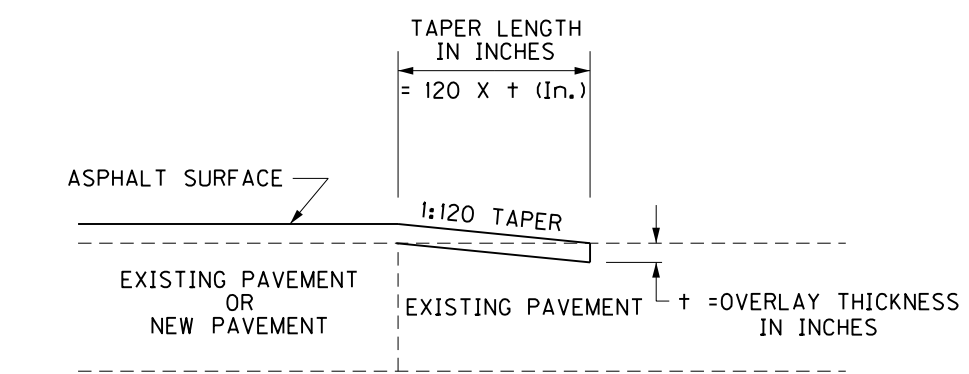
*Joseph D. Cochran*



COUNTY OF	ITEM NO.	SHEET NO.
FAYETTE	7-223	R2N

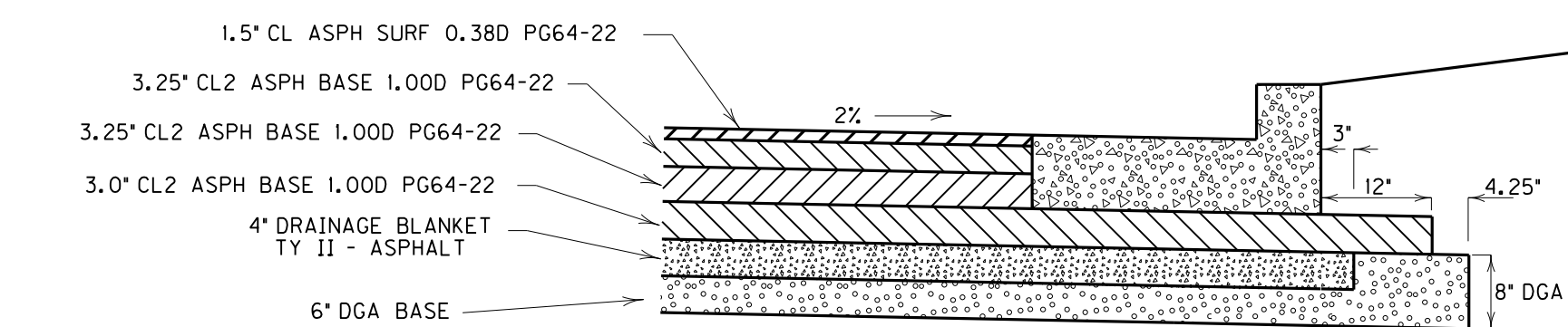
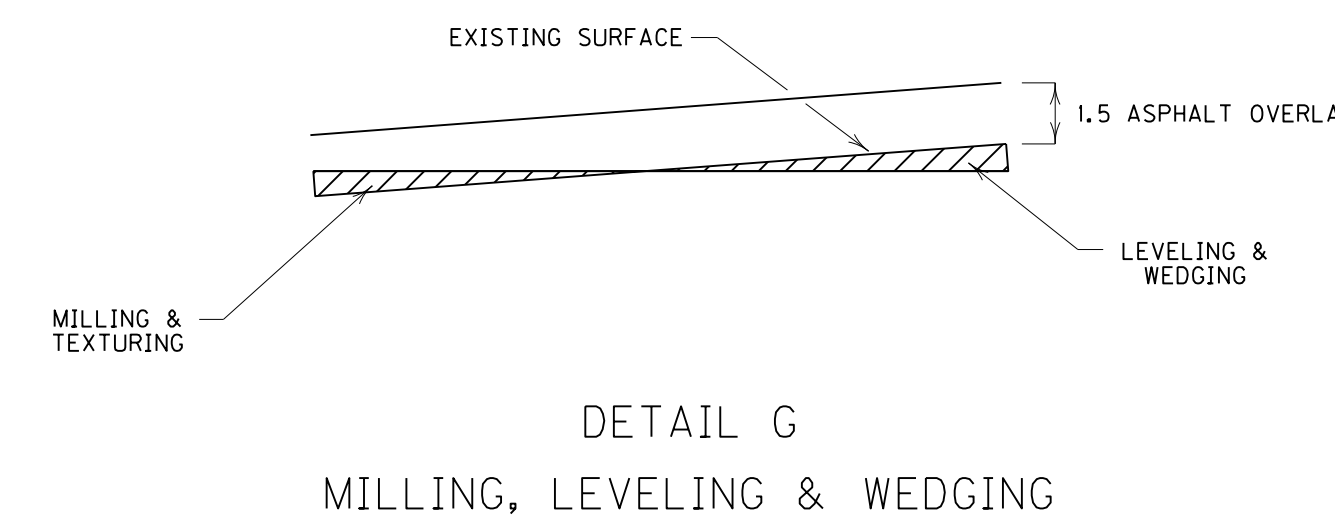
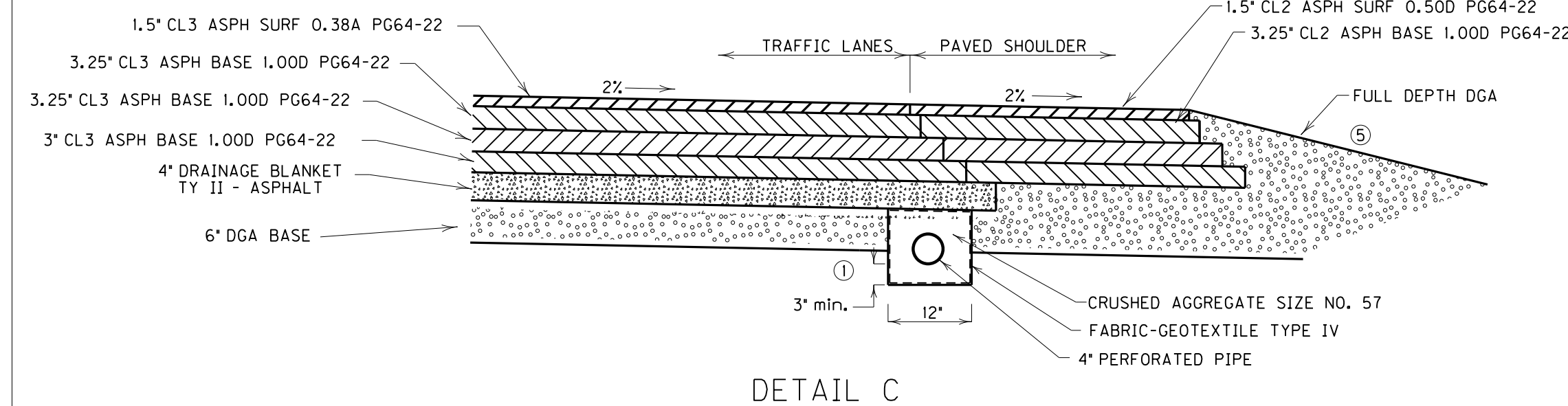
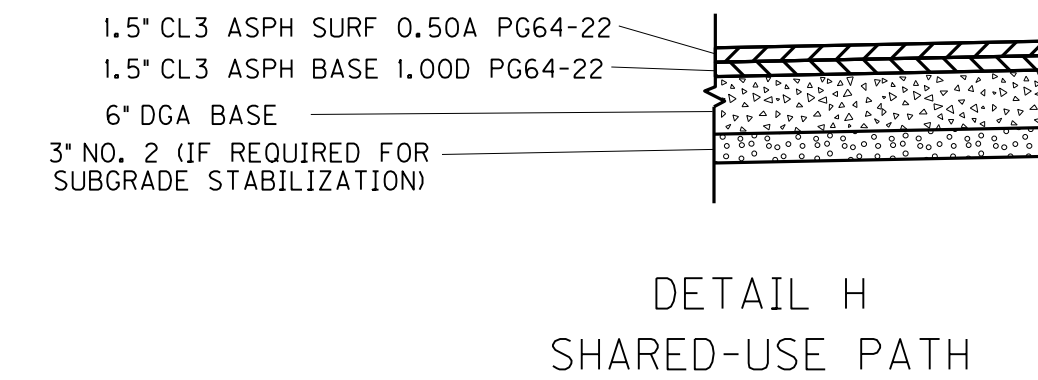
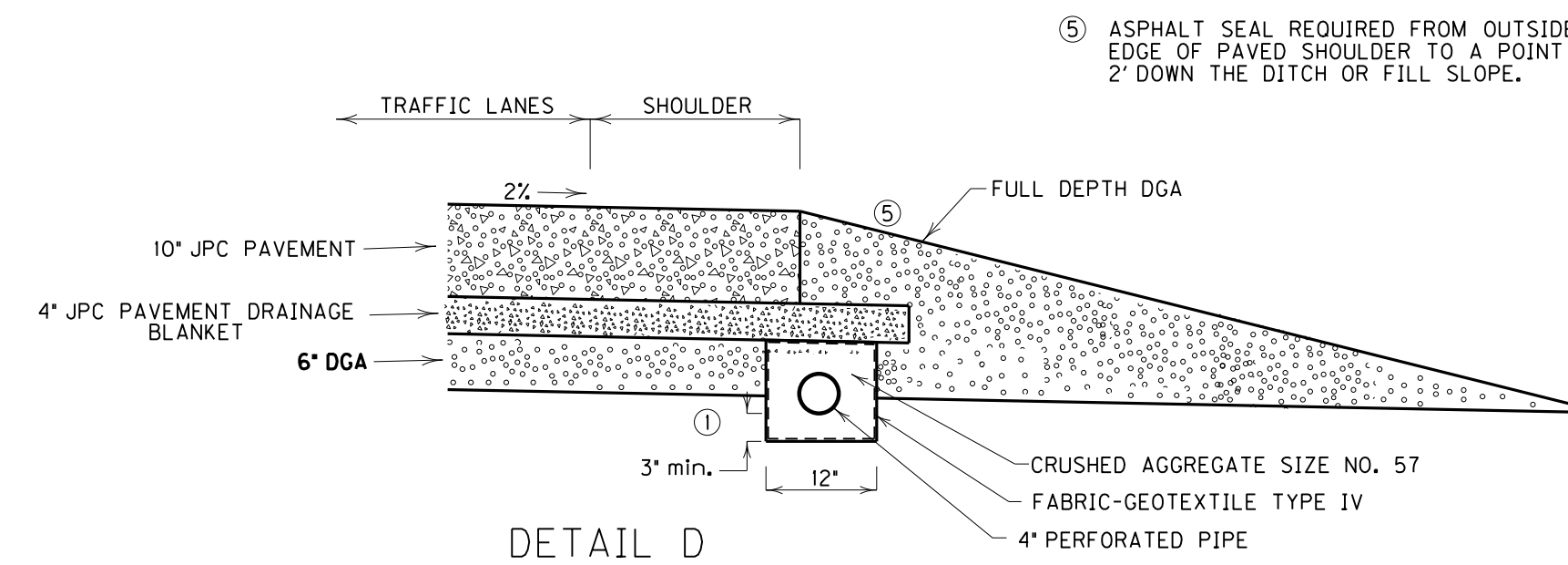
# TYPICAL SECTIONS PAVEMENT DETAILS

## EDGE KEY DETAIL

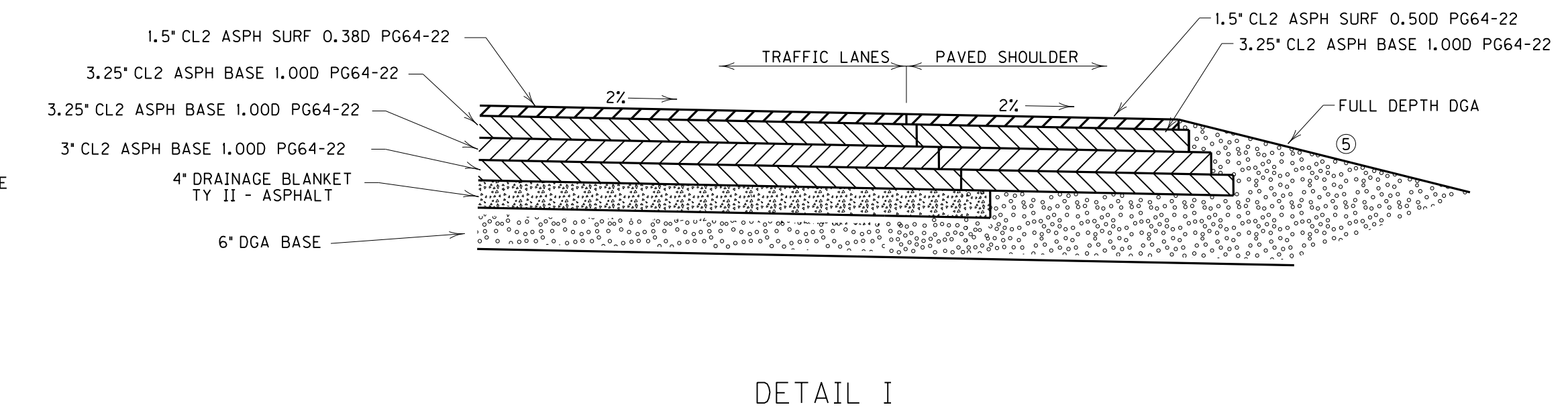
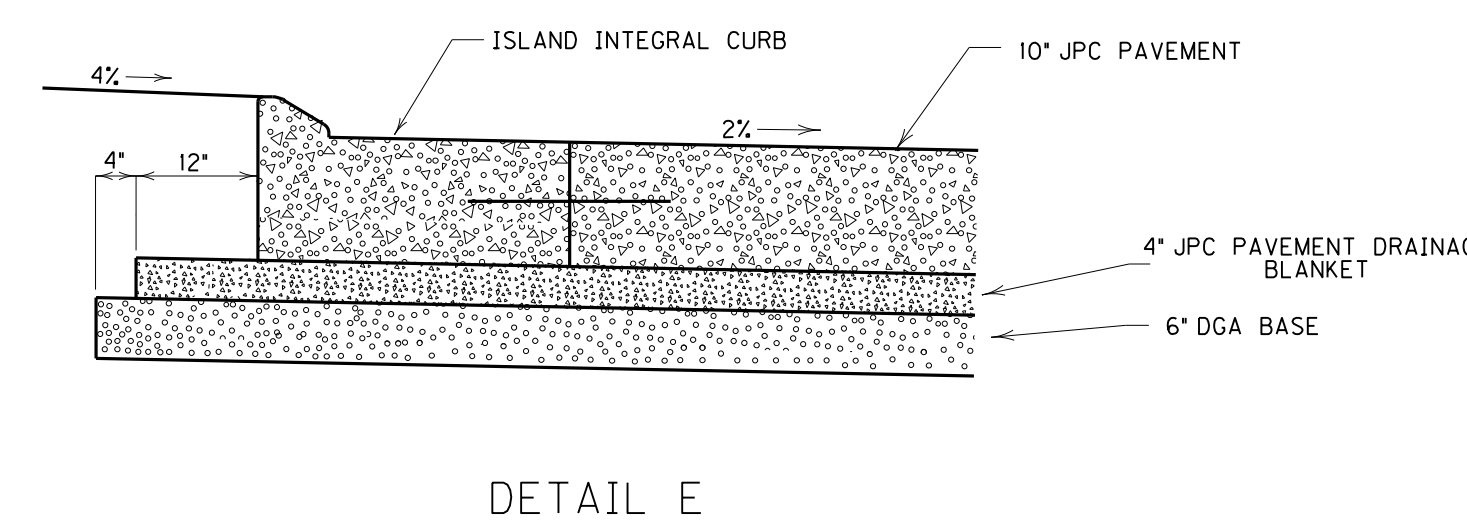
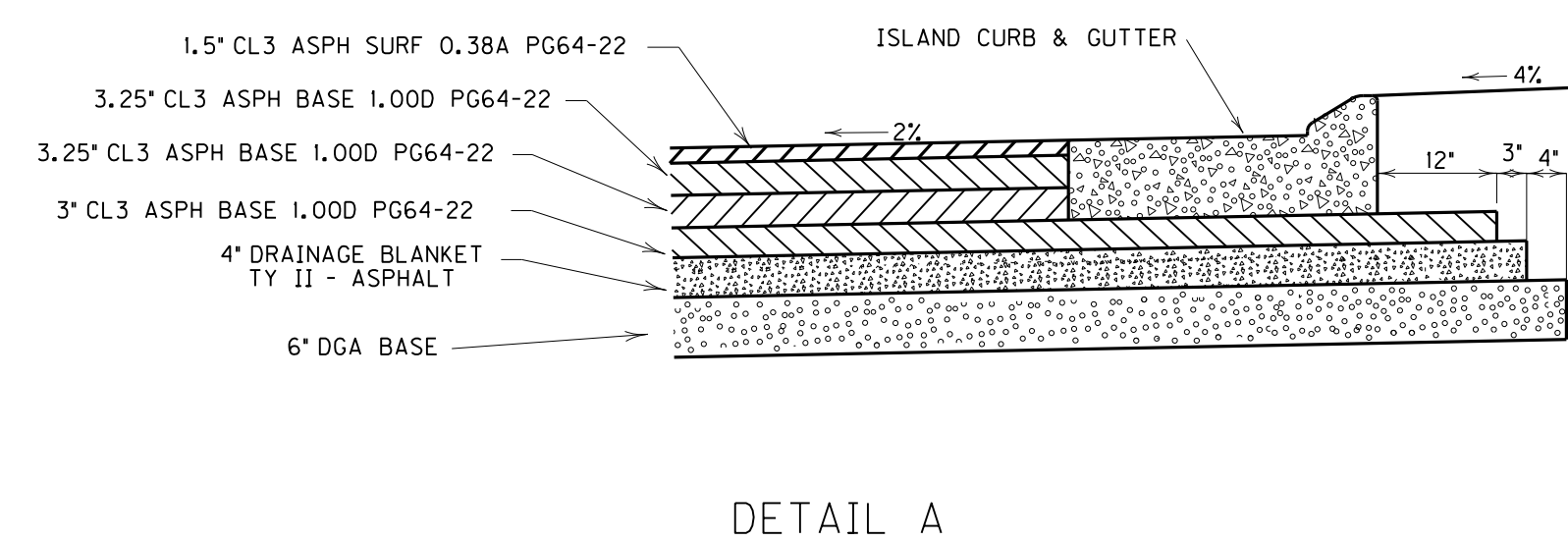
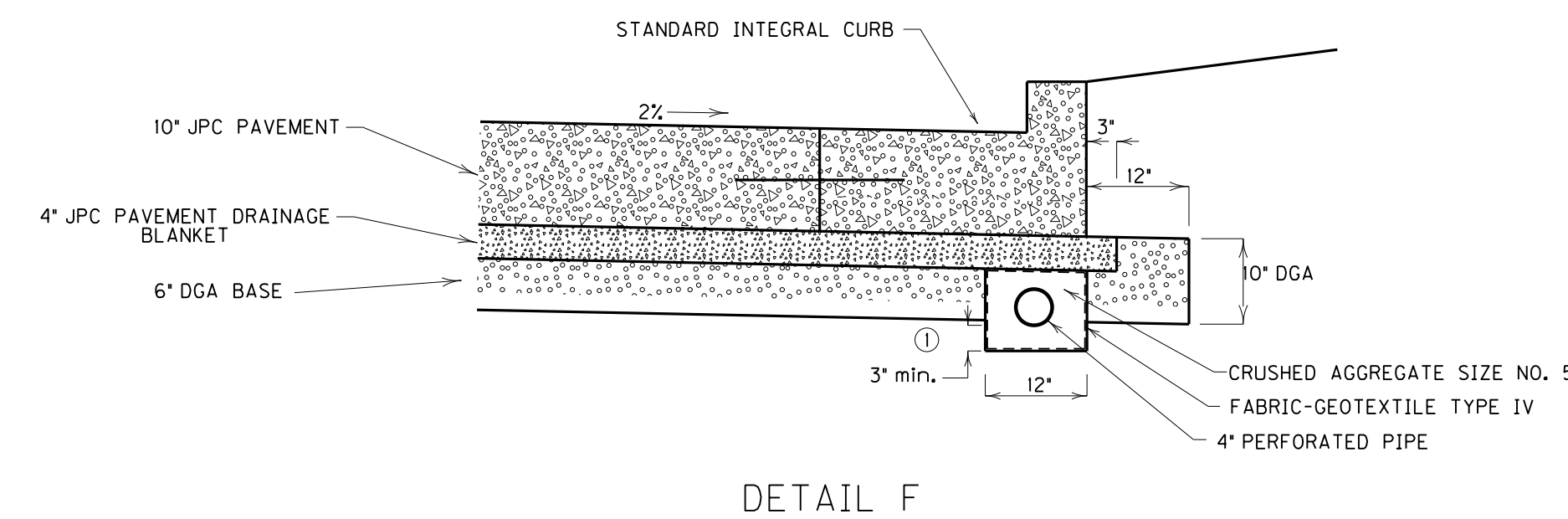
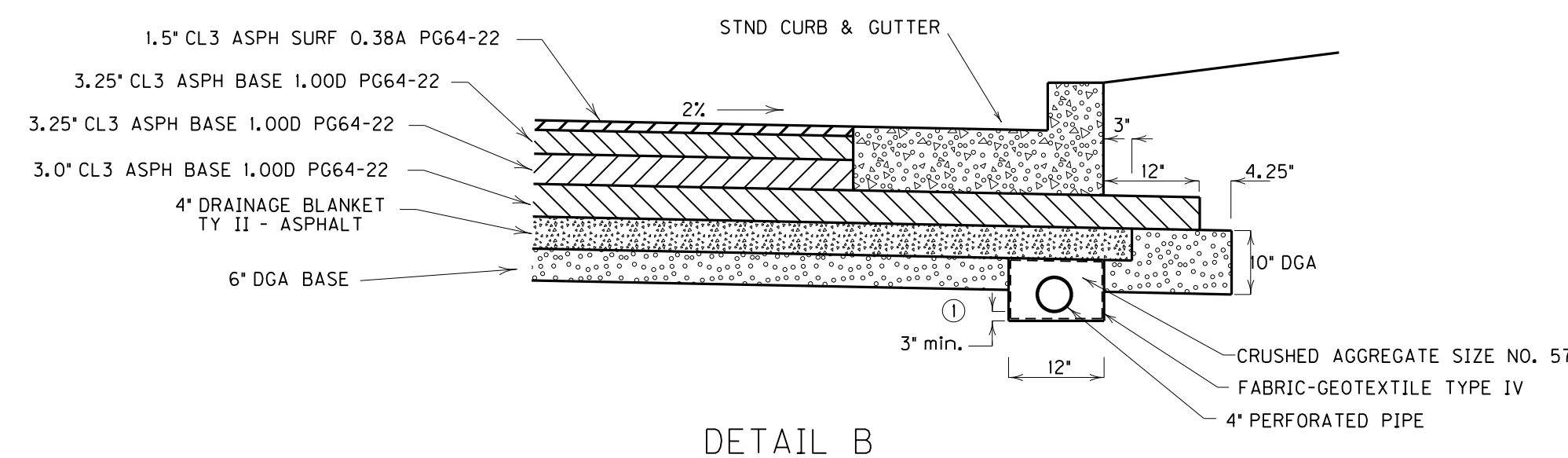


## TAPERING OF OVERLAYS ON LOW SPEED FACILITIES (<45 MPH)

WORK UNDER THIS ITEM SHALL INCLUDE CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS SHOWN, SO THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR THE EDGE KEY SHALL INCLUDE ALL NECESSARY MATERIALS, LABOR, EQUIPMENT, ETC. TO PERFORM THE WORK AND DISPOSE OF THE ASPHALT MATERIAL REMOVED.



① ALL LONGITUDINAL PIPE DRAINAGE SYSTEMS FOR THE PAVEMENT DRAINAGE BLANKET SHALL BE OUTLETTED TO A HEADWALL, MEDIAN BOX INLET, DITCH BOX, OR CURB BOX INLET. OUTLETS SHALL BE IN A FILL SECTION WHENEVER POSSIBLE. OUTLET SPACING SHALL NOT EXCEED 500 FEET EXCEPT GRADES 1% OR LESS, THEN THE SPACING OF OUTLETS SHALL NOT EXCEED 250 FEET. ALL SAGS SHALL HAVE AN OUTLET.



IF JPC PAVEMENT ALTERNATE IS CHOSEN BY CONTRACTOR, USE DETAILS E AND F WITHIN THE LIMITS OF JPC PAVEMENT FROM BEGINNING OF PROJECT TO BRACKTOWN LANE.

FILE NAME: C:\PWORK\JOSHUA\SAMPLES\00151317\ROADZONTS.DGN

USER: joshua.samples  
DATE PLOTTED: April 12, 2013

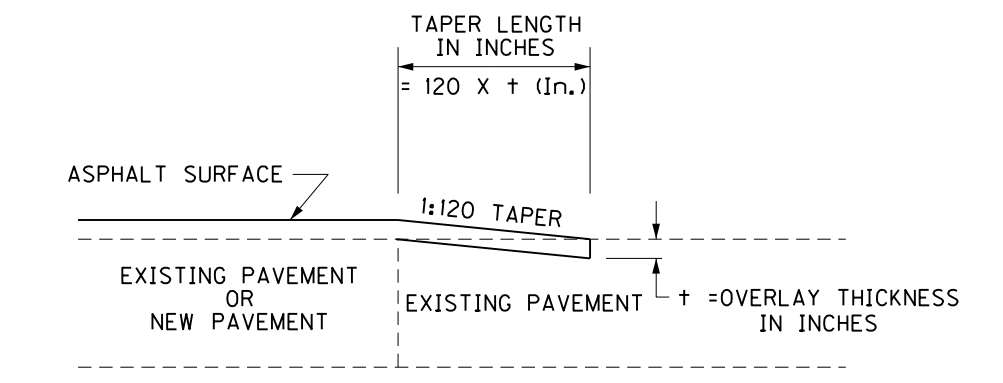
E-SHEET NAME: ROADZONTS

MicroStation v8.11.7.443

**REVISED 04-12-2013**

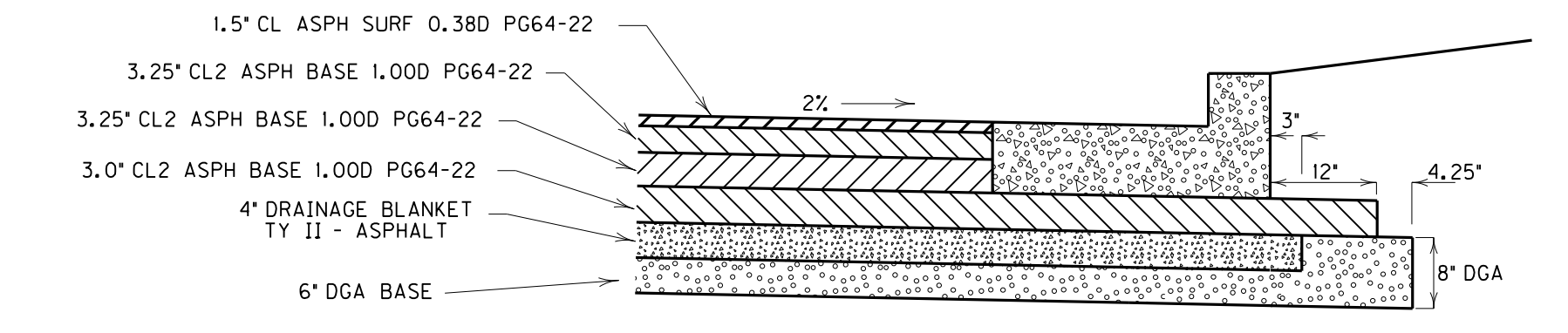
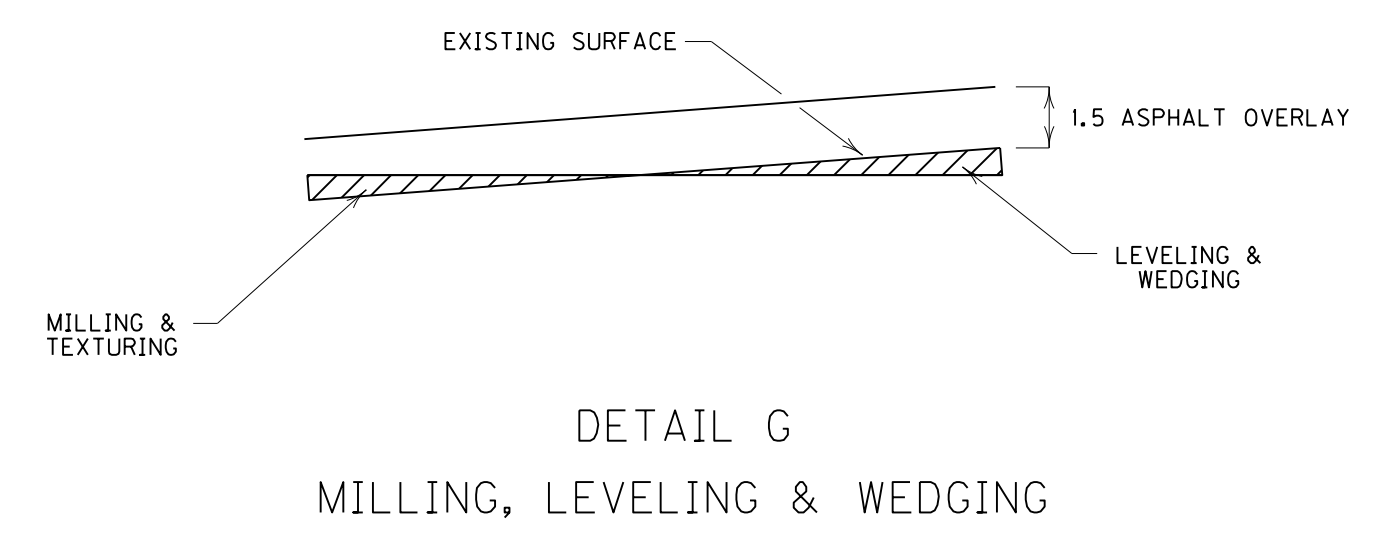
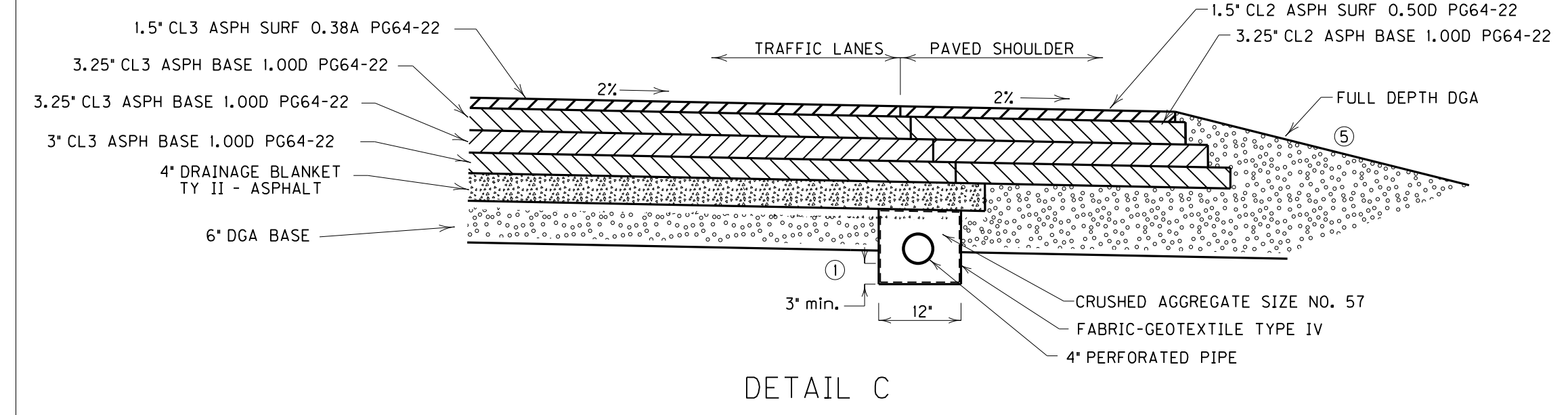
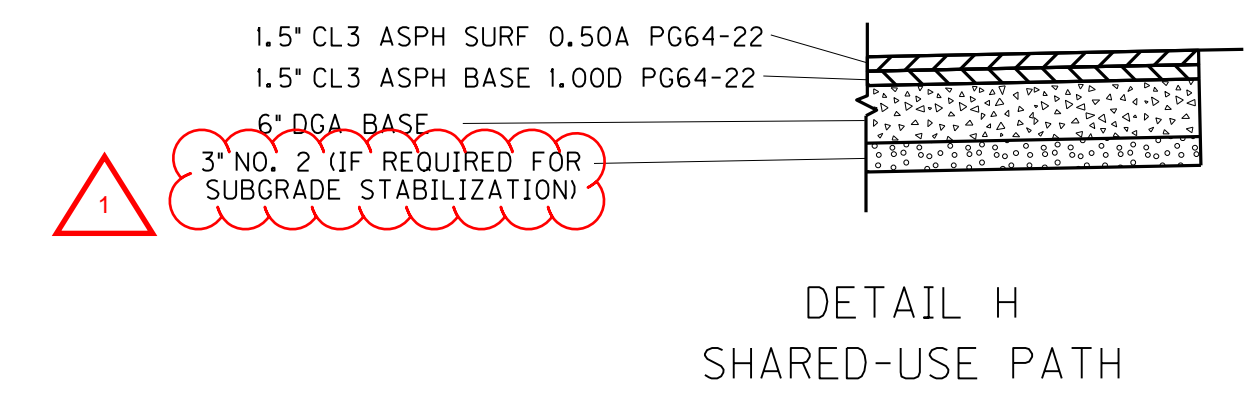
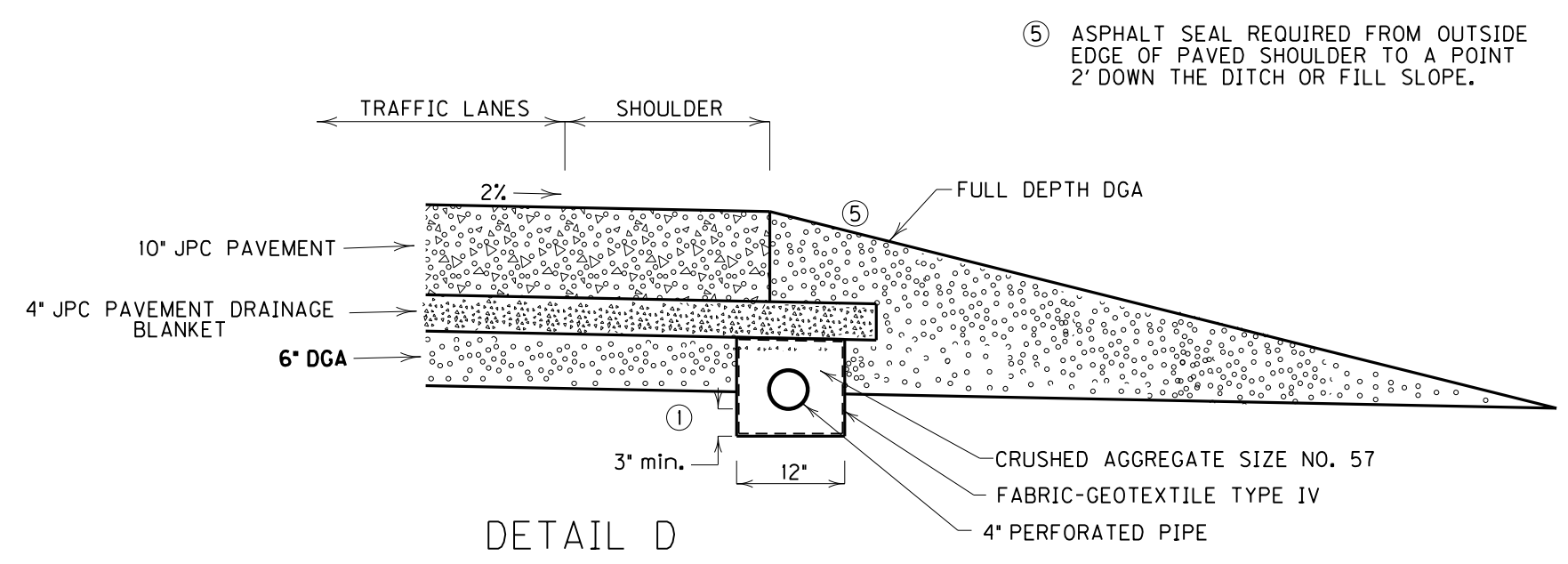
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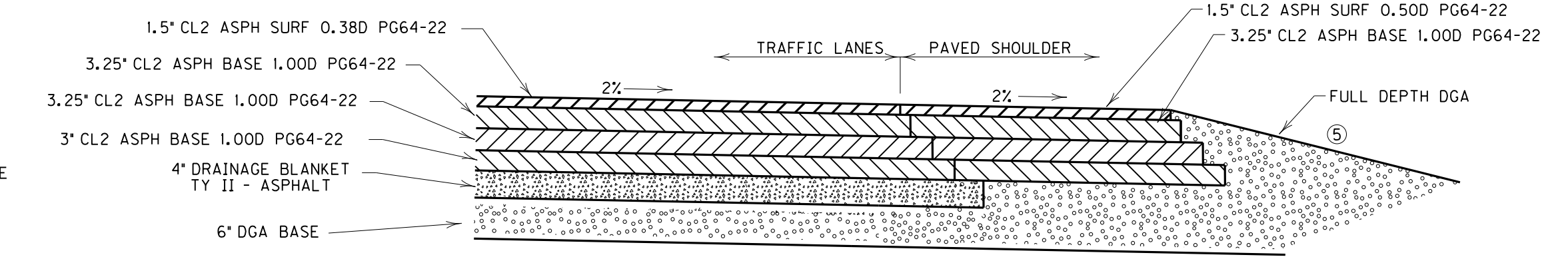
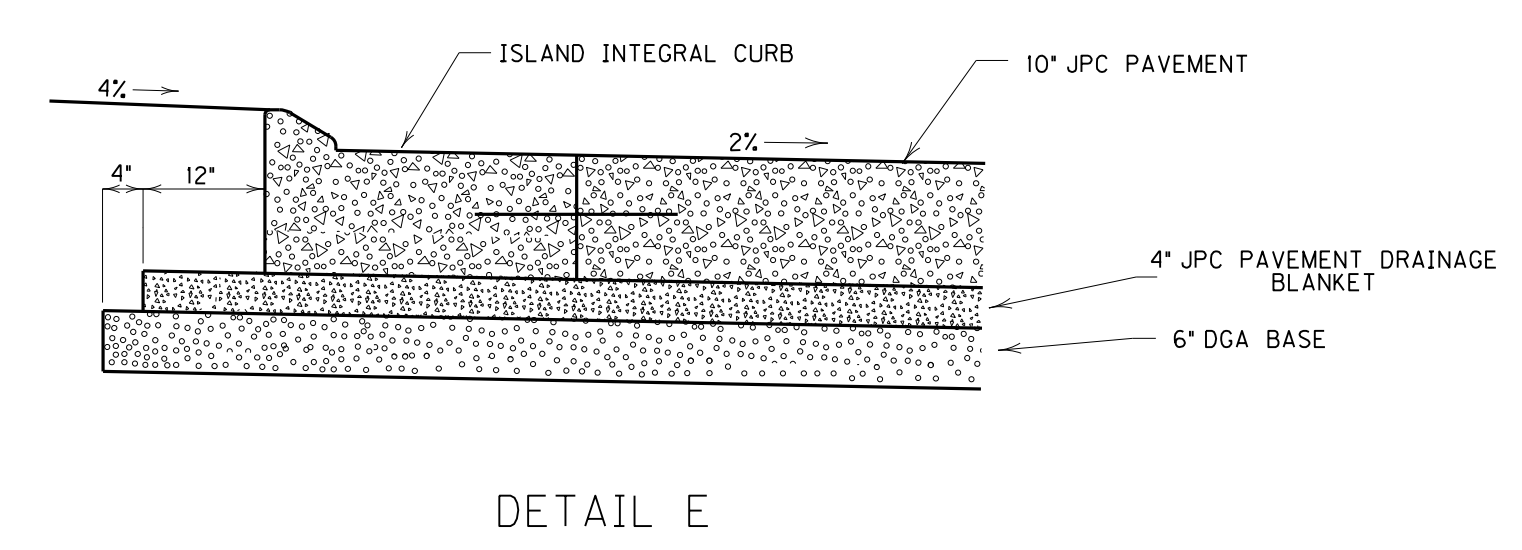
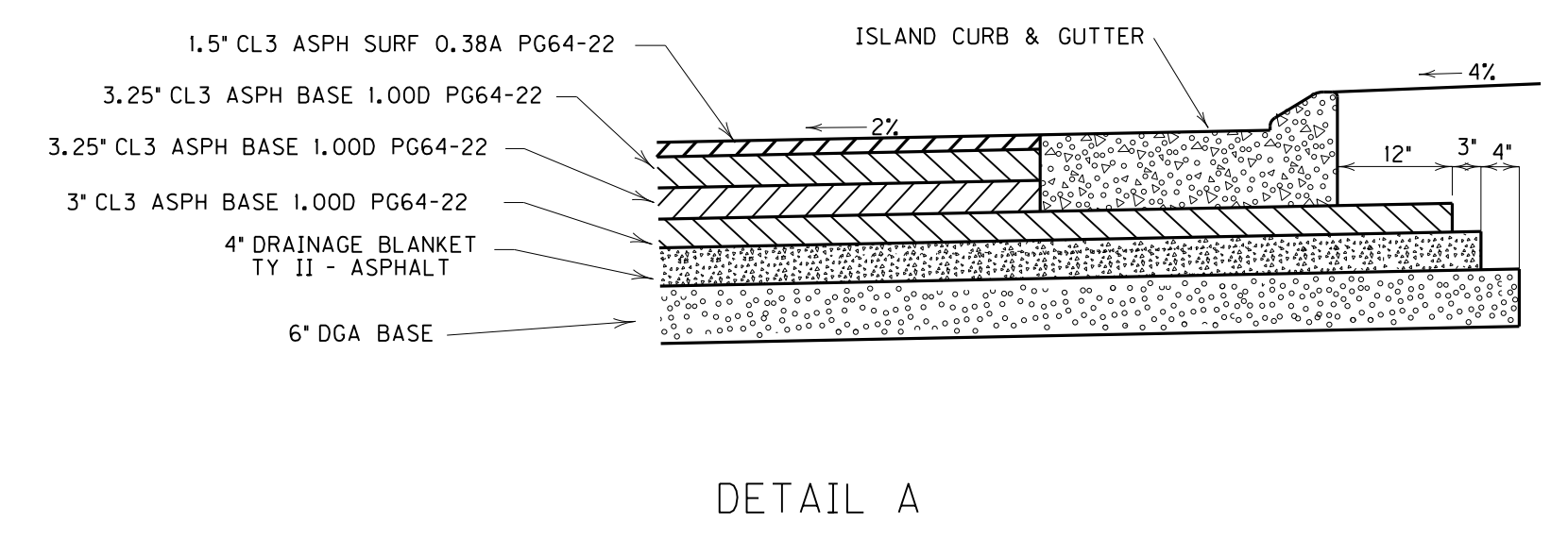
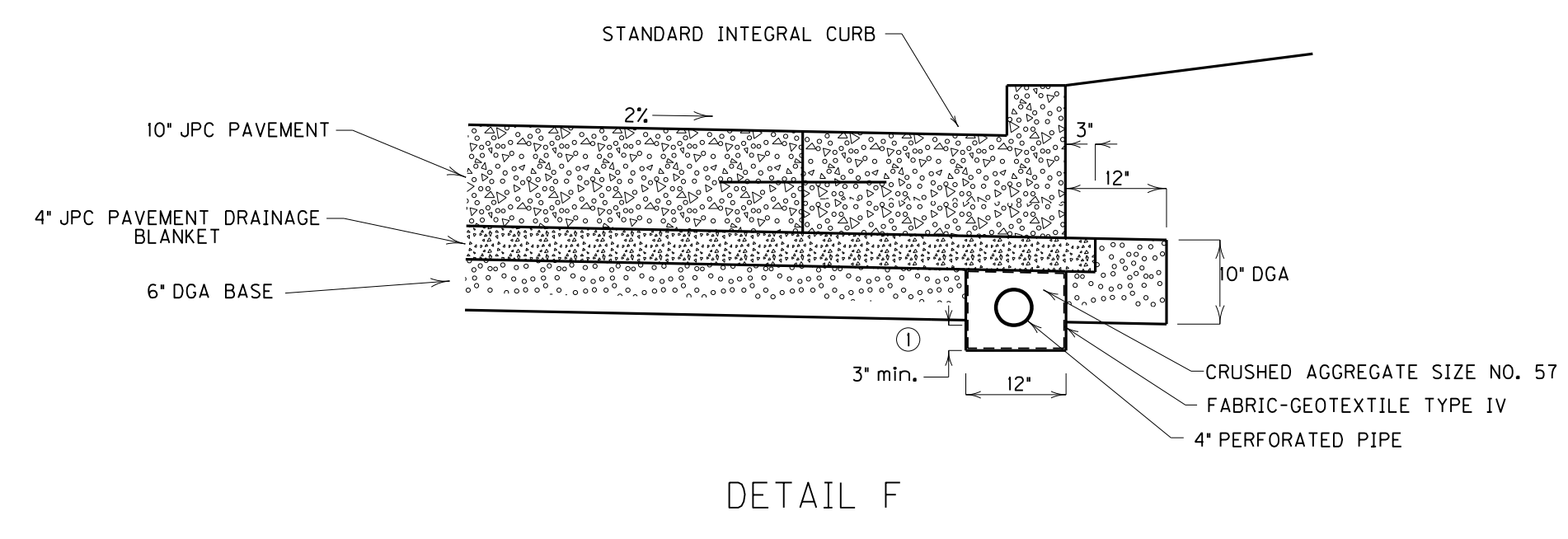
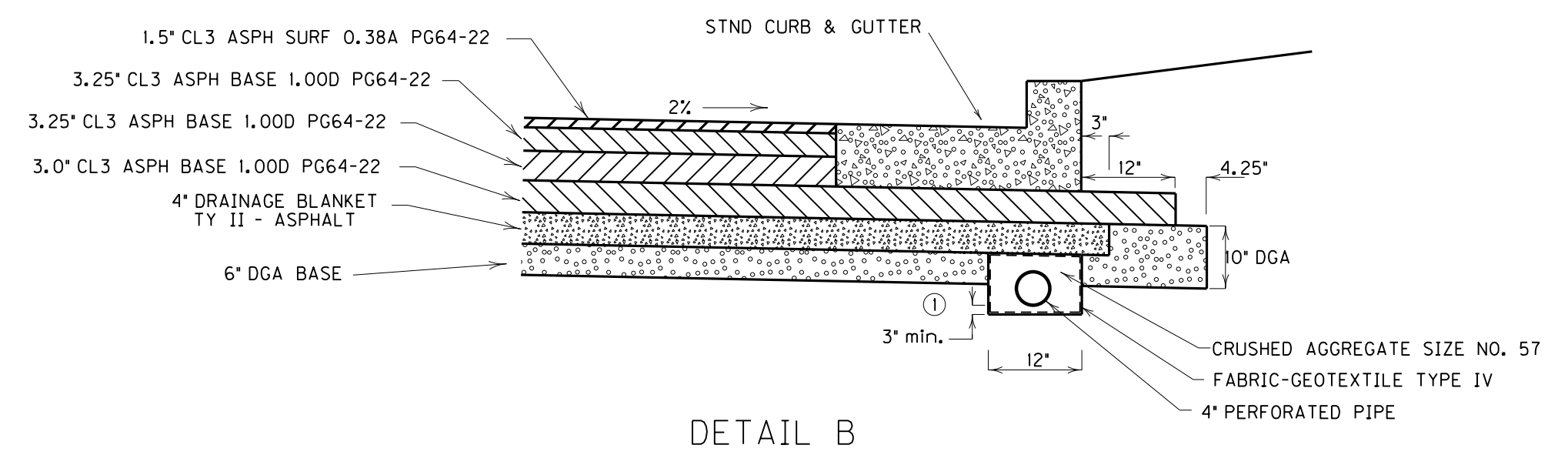


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USER: joshua.samples  
DATE PLOTTED: April 12, 2013  
E-SHEET NAME: ROADZONTS  
MicroStation v8.11.7.443



## GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
FAYETTE	7-223	R20

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
2720	SIDEWALK - 4 INCH CONCRETE	SQYD	8,603
1810	STANDARD CURB AND GUTTER	LF	13,750
2091	REMOVE PAVEMENT	SY	91
2585	EDGE KEY	LF	200
2483	CHANNEL LINING CL II ⑦	TON	596
2709	CLEAN TEMPORARY SILT FENCE	LF	30,900
2650	MAINTAIN & CONTROL TRAFFIC	LS	1
2545	CLEARING AND GRUBBING ④	LS	1
2701	TEMPORARY SILT FENCE	LF	10,300
5950	EROSION CONTROL BLANKET	SQYD	4,230
2704	SILT TRAP TYPE B	EACH	11
6510	PAVE STRIPING - TEMP PAINT - 4 INCH	LF	61,645
6588	PAVEMENT MARKER TY IVA-BY TEMP	EACH	470
2562	TEMPORARY SIGNS	SQFT	572
5990	SODDING	SQYD	17,386
2726	STAKING	LS	1
2242	WATER ③	M GAL	3
1825	MODIFIED ISLAND CURB AND GUTTER ⑤	LF	13,189
5985	SEEDING AND PROTECTION	SQYD	53,240
2200	ROADWAY EXCAVATION ①	CUYD	61,617
2555	CONCRETE-CLASS B	CUYD	253.7
1821	MODIFIED LIP CURB AND GUTTER	LF	294
2568	MOBILIZATION	LS	1
2569	DEMOBILIZATION	LS	1
5952	TEMPORARY MULCH	SQYD	53,240
2703	SILT TRAP TYPE "A"	EACH	11
2706	CLEAN SILT TRAP TYPE "A"	EACH	33
2707	CLEAN SILT TRAP TYPE "B"	EACH	33
2705	SILT TRAP TYPE "C"	EACH	11
2708	CLEAN SILT TRAP TYPE "C"	EACH	33
2159	TEMPORARY DITCH	LF	10300
5989	SPECIAL SEEDING CROWN VETCH	SQYD	506
5966	TOPDRESSING FERTILIZER	TON	3
5953	TEMPORARY SEEDING AND PROTECTION	SQYD	22,600
1811	MODIFIED STANDARD CURB AND GUTTER ⑤	LF	3668
1845	ISLAND INTEGRAL CURB	LF	1991
1830	STANDARD INTEGRAL CURB	LF	2007
2008	REMOVE ASPHALT MEDIAN	LF	1200
8100	CLASS A CONCRETE ②	CUYD	2,037
23158ES505	DETECTABLE WARNINGS	SF	1,577
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EA	6
02014	BARRICADE - TYPE III	EA	12
02600	FABRIC GEO TEXTILE TY IV FOR PIPE ⑥	SY	2660
01015	INSPECT AND CERTIFY EDGE DRAIN SYSTEM	LS	1
23131ER701	PIPELINE VIDEO INSPECTION	LF	6,804
23539EC	BRIDGE RAIL - OPEN FACE	LF	355
21373ND	REMOVE SIGN ⑨	EACH	15
20418ED	REMOVE AND RELOCATE SIGN ⑩	EACH	1
2599	FABRIC GEOTEXTILE TYPE IV ⑪	SQ YD	57,435
1904	REMOVE CURB	LF	32
2429	RIGHT-OF-WAY MONUMENT TYPE I	EACH	93
2430	RIGHT-OF-WAY MONUMENT TYPE IA	EACH	14
2203	STRUCTURE EXCAVATION (UNCLASSIFIED)	CU YD	126

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
20063EN9T	DRY-LAID ROCK FENCE	LF	422
78	CRUSHED AGGREGATE SIZE NO 2 ⑧	TONS	17,057
4953	TEMP RELOCATION OF SIGNAL HEAD	EACH	30
20189NS835	INSTALL TEMP LED SIGNAL - 5 SECTION	EACH	2
20100ES842	PAVE MARK TEMP PAINT LINE ARROW	EACH	54
6530	PAVE STRIPING REMOVAL - 4 IN	LF	14,328
23010EN	PAVE MARK TEMP PAINT STOP BAR-24"	LF	470

**NOTES:**

① 55735 CU YD MAINLINE COM. EXC.  
 5882 CU YD APPROACH COM. EXC.  
 61617 CU YD TOTAL COM. EXC.

21357 CU YD MAINLINE EMB.  
 713 CU YD APPROACH EMB.  
 22070 CU YD TOTAL EMB.

ESTIMATE FOR EARTHWORK CALCULATIONS FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY. ESTIMATE FOR EARTHWORK IS BASED ON THE ASPHALT PAVEMENT ALTERNATE. ANY ACTUAL DIFFERENCE FOR THE CONCRETE PAVEMENT ALTERNATE IS INCIDENTAL TO ROADWAY EXCAVATION.

- ② FOR MEDIAN AREAS
- ③ FOR DUST CONTROL
- ④ 11 ACRES
- ⑤ 18" GUTTER LINE
- ⑥ FOR WRAPPING PIPE TRENCH BACKFILL
- ⑦ INCLUDES 304 TONS FROM PIPE DRAINAGE SUMMARY
- ⑧ SEE GEOTECHINAL NOTE #5 AND INCLUDES 1 TON FROM PERFORATED PIPE SUMMARY
- ⑨ INCLUDES ALL WORK NECESSARY TO REMOVE ENTRANCE SIGNS INDICATED ON THE PLANS
- ⑩ INCLUDES ALL WORK TO REPLACE HISTORICAL MARKER AS IS IN THE SAME GENERAL LOCATION AS DETERMINED BY THE ENGINEER
- ⑪ SEE GEOTECHINAL NOTE #5

GENERAL SUMMARY

FILE NAME: G:\PWORK\JOSHUA\_SAMPLES\00151317\RO0200SU.DGN

USER: Joshua.samples  
DATE PLOTTED: April 11, 2013

E-SHEET NAME: RO0200SU

MicroStation v8.11.7.180

## GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
FAYETTE	7-223	R20

1 REVISD 04-12-2013

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
2720	SIDEWALK - 4 INCH CONCRETE	SQYD	8,603
1810	STANDARD CURB AND GUTTER	LF	13,750
2091	REMOVE PAVEMENT	SY	91
2585	EDGE KEY	LF	200
2483	CHANNEL LINING CL II ⑦	TON	596
2709	CLEAN TEMPORARY SILT FENCE	LF	30,900
2650	MAINTAIN & CONTROL TRAFFIC	LS	1
2545	CLEARING AND GRUBBING ④	LS	1
2701	TEMPORARY SILT FENCE	LF	10,300
5950	EROSION CONTROL BLANKET	SQYD	4,230
2704	SILT TRAP TYPE B	EACH	11
6510	PAVE STRIPING - TEMP PAINT - 4 INCH	LF	61,645
6588	PAVEMENT MARKER TY IVA-BY TEMP	EACH	470
2562	TEMPORARY SIGNS	SQFT	572
5990	SODDING	SQYD	17,386
2726	STAKING	LS	1
2242	WATER ③	M GAL	3
1825	MODIFIED ISLAND CURB AND GUTTER ⑤	LF	13,189
5985	SEEDING AND PROTECTION	SQYD	53,240
2200	ROADWAY EXCAVATION ①	CUYD	61,617
2555	CONCRETE-CLASS B	CUYD	253.7
1821	MODIFIED LIP CURB AND GUTTER	LF	294
2568	MOBILIZATION	LS	1
2569	DEMOBILIZATION	LS	1
5952	TEMPORARY MULCH	SQYD	53,240
2703	SILT TRAP TYPE "A"	EACH	11
2706	CLEAN SILT TRAP TYPE "A"	EACH	33
2707	CLEAN SILT TRAP TYPE "B"	EACH	33
2705	SILT TRAP TYPE "C"	EACH	11
2708	CLEAN SILT TRAP TYPE "C"	EACH	33
2159	TEMPORARY DITCH	LF	10300
5989	SPECIAL SEEDING CROWN VETCH	SQYD	506
5966	TOPDRESSING FERTILIZER	TON	3
5953	TEMPORARY SEEDING AND PROTECTION	SQYD	22,600
1811	MODIFIED STANDARD CURB AND GUTTER ⑤	LF	3668
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**NOTES:**

- ① 55735 CU YD MAINLINE COM. EXC.  
5882 CU YD APPROACH COM. EXC.  
61617 CU YD TOTAL COM. EXC.
  
- 21357 CU YD MAINLINE EMB.  
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22070 CU YD TOTAL EMB.
  
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- ② FOR MEDIAN AREAS
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- ⑪ SEE GEOTECHNICAL NOTE #5

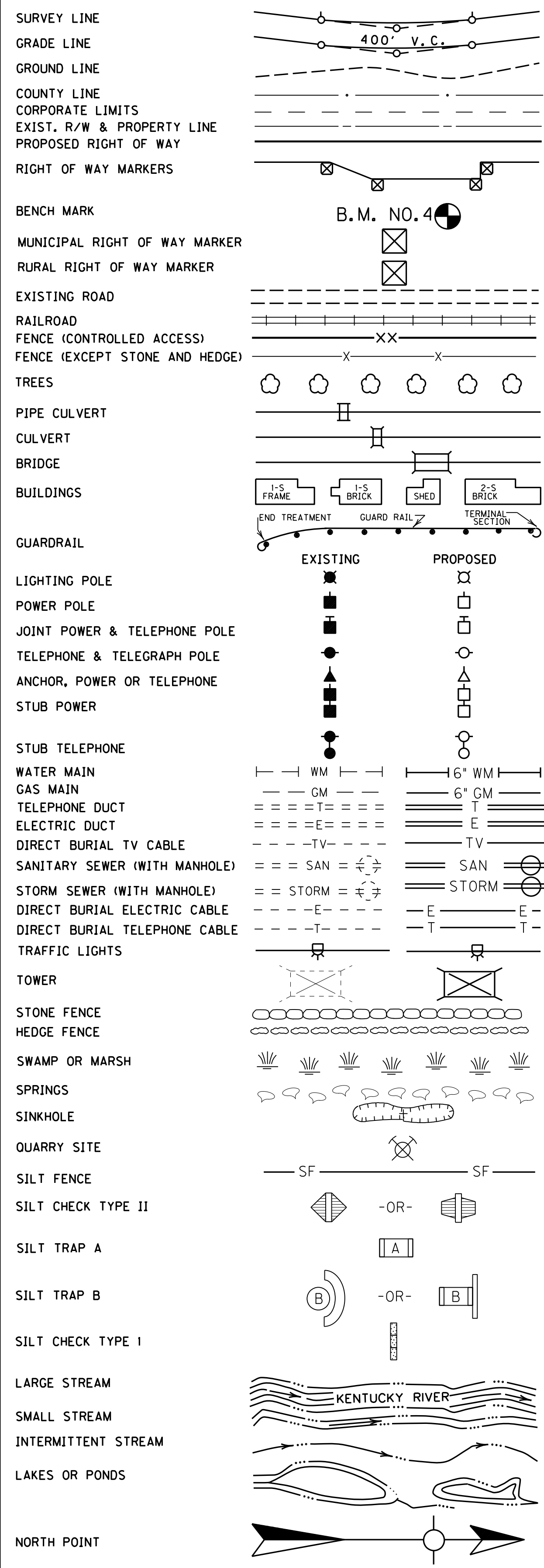
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 USER: Joshua.samples  
 DATE PLOTTED: April 11, 2013  
 E-SHEET NAME: RO0200SU  
 MicroStation v8.11.7.180







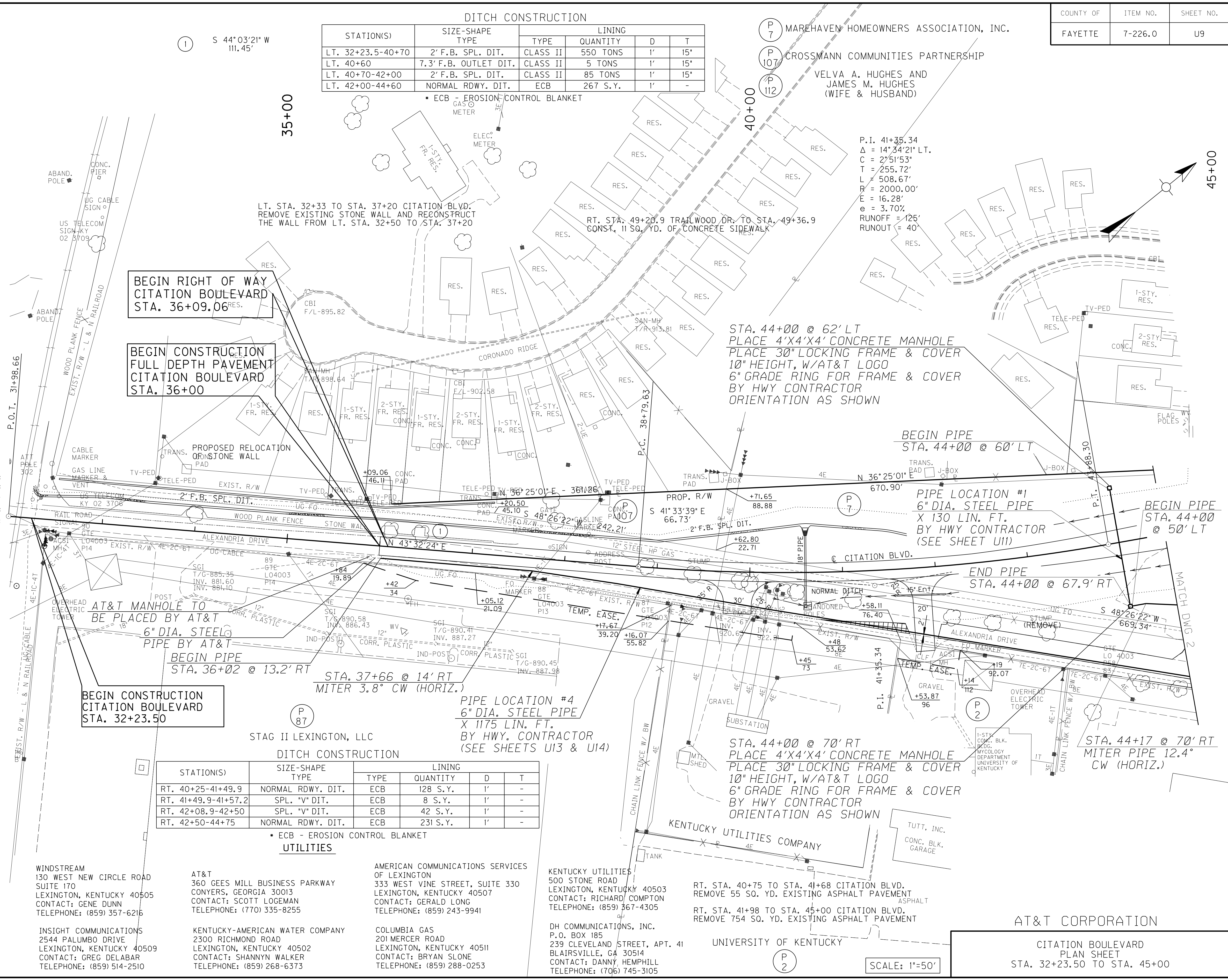
### CONVENTIONAL SIGNS



#### DITCH CONSTRUCTION

STATION(S)	SIZE-SHAPE TYPE	LINING			
		TYPE	QUANTITY	D	T
LT. 32+23.5-40+70	2' F.B. SPL. DIT.	CLASS II	550 TONS	1'	15'
LT. 40+60	7.3' F.B. OUTLET DIT.	CLASS II	5 TONS	1'	15'
LT. 40+70-42+00	2' F.B. SPL. DIT.	CLASS II	85 TONS	1'	15'
LT. 42+00-44+60	NORMAL RDWY. DIT.	ECB	267 S.Y.	1'	-

\* ECB - EROSION CONTROL BLANKET



#### DITCH CONSTRUCTION

STATION(S)	SIZE-SHAPE TYPE	LINING			
		TYPE	QUANTITY	D	T
RT. 40+25-41+49.9	NORMAL RDWY. DIT.	ECB	128 S.Y.	1'	-
RT. 41+49.9-41+57.2	SPL. "V" DIT.	ECB	8 S.Y.	1'	-
RT. 42+08.9-42+50	SPL. "V" DIT.	ECB	42 S.Y.	1'	-
RT. 42+50-44+75	NORMAL RDWY. DIT.	ECB	231 S.Y.	1'	-

\* ECB - EROSION CONTROL BLANKET

#### UTILITIES

- AT&T  
360 GEE'S MILL BUSINESS PARKWAY  
CONYERS, GEORGIA 30013  
CONTACT: SCOTT LOGEMAN  
TELEPHONE: (859) 357-6216
- KENTUCKY-AMERICAN WATER COMPANY  
2300 RICHMOND ROAD  
LEXINGTON, KENTUCKY 40502  
CONTACT: SHANNYN WALKER  
TELEPHONE: (859) 268-6373
- AMERICAN COMMUNICATIONS SERVICES OF LEXINGTON  
333 WEST VINE STREET, SUITE 330  
LEXINGTON, KENTUCKY 40507  
CONTACT: GERALD LONG  
TELEPHONE: (859) 243-9941
- COLUMBIA GAS  
201 MERCER ROAD  
LEXINGTON, KENTUCKY 40511  
CONTACT: BRYAN SLONE  
TELEPHONE: (859) 288-0253
- KENTUCKY UTILITIES  
500 STONE ROAD  
LEXINGTON, KENTUCKY 40503  
CONTACT: RICHARD COMPTON  
TELEPHONE: (859) 367-4305
- DH COMMUNICATIONS, INC.  
P.O. BOX 185  
239 CLEVELAND STREET, APT. 41  
BLAIRSVILLE, GA 30514  
CONTACT: DANNY HEMPHILL  
TELEPHONE: (706) 745-3105

P.I. 41+35.34  
 $\Delta = 14^\circ 34' 21''$  LT.  
 $C = 2^\circ 51' 53''$   
 $T = 255.72'$   
 $L = 508.67'$   
 $R = 2000.00'$   
 $e = 16.28'$   
 $\epsilon = 3.70\%$   
 RUNOFF = 125'  
 RUNOUT = 40'

STA. 44+00 @ 62' LT  
 PLACE 4'X4'X4' CONCRETE MANHOLE  
 PLACE 30" LOCKING FRAME & COVER  
 10" HEIGHT, W/AT&T LOGO  
 6" GRADE RING FOR FRAME & COVER  
 BY HWY CONTRACTOR  
 ORIENTATION AS SHOWN

BEGIN PIPE  
 STA. 44+00 @ 60' LT

PIPE LOCATION #1  
 6" DIA. STEEL PIPE  
 X 130 LIN. FT.  
 BY HWY CONTRACTOR  
 (SEE SHEET U11)

BEGIN PIPE  
 STA. 44+00 @ 50' LT

END PIPE  
 STA. 44+00 @ 67.9' RT

BEGIN CONSTRUCTION  
 CITATIONS BOULEVARD  
 STA. 32+23.50

BEGIN PIPE  
 STA. 36+02 @ 13.2' RT

STA. 37+66 @ 14' RT  
 MITER 3.8° CW (HORIZ.)

PIPE LOCATION #4  
 6" DIA. STEEL PIPE  
 X 1175 LIN. FT.  
 BY HWY CONTRACTOR  
 (SEE SHEETS U13 & U14)

STA. 44+00 @ 70' RT  
 PLACE 4'X4'X4' CONCRETE MANHOLE  
 PLACE 30" LOCKING FRAME & COVER  
 10" HEIGHT, W/AT&T LOGO  
 6" GRADE RING FOR FRAME & COVER  
 BY HWY CONTRACTOR  
 ORIENTATION AS SHOWN

STA. 44+17 @ 70' RT  
 MITER PIPE 12.4°  
 CW (HORIZ.)

#### AT&T CORPORATION

CITATIONS BOULEVARD  
 PLAN SHEET  
 STA. 32+23.50 TO STA. 45+00

SCALE: 1"=50'

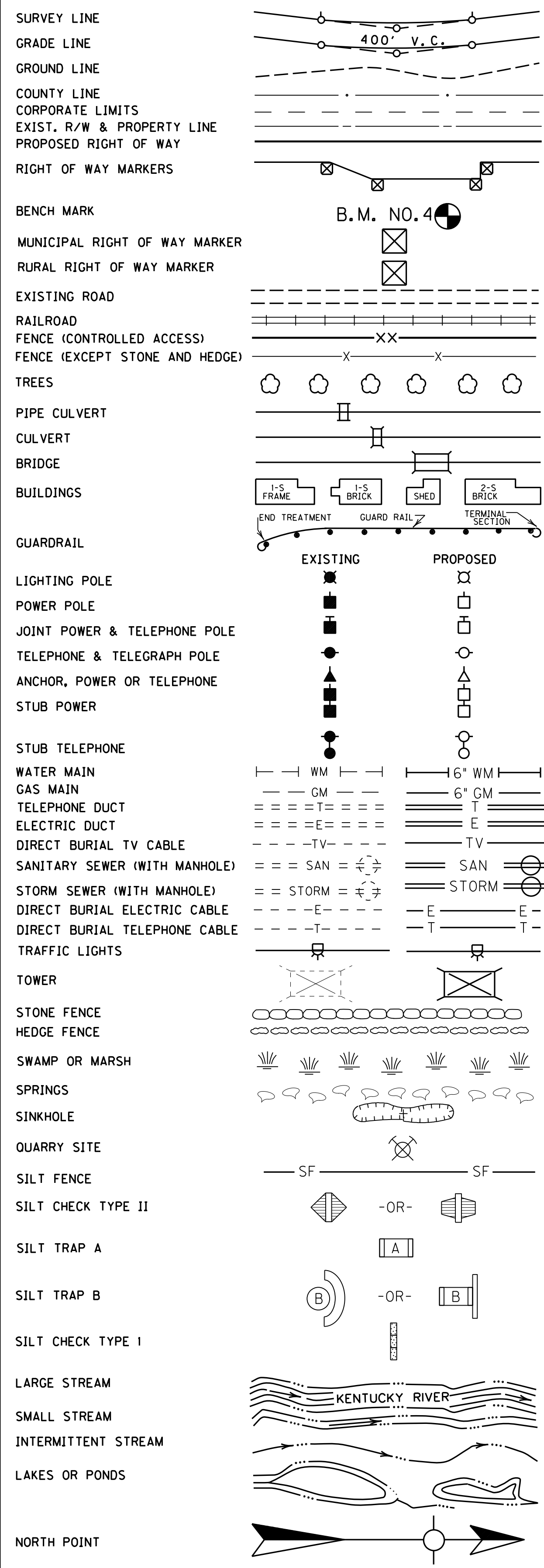
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REVISED 04-12-2013

**CONVENTIONAL SIGNS**

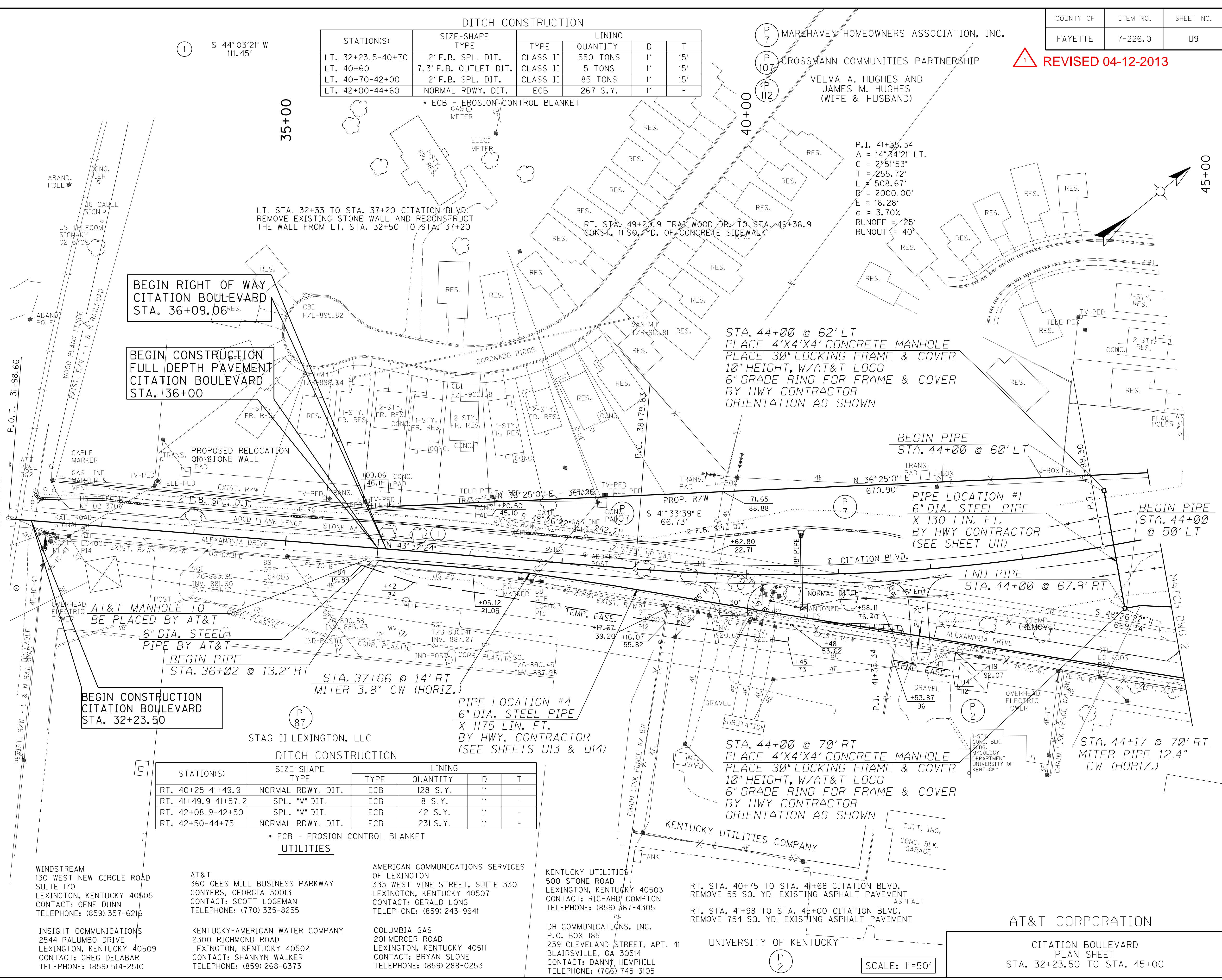


**DITCH CONSTRUCTION**

STATION(S)	SIZE-SHAPE TYPE	LINING			
		TYPE	QUANTITY	D	T
LT. 32+23.5-40+70	2' F.B. SPL. DIT.	CLASS II	550 TONS	1'	15'
LT. 40+60	7.3' F.B. OUTLET DIT.	CLASS II	5 TONS	1'	15'
LT. 40+70-42+00	2' F.B. SPL. DIT.	CLASS II	85 TONS	1'	15'
LT. 42+00-44+60	NORMAL RDWY. DIT.	ECB	267 S.Y.	1'	-

\* ECB - EROSION CONTROL BLANKET

① S 44°03'21" W  
111.45'



BEGIN RIGHT OF WAY  
CITATION BOULEVARD  
STA. 36+09.06

BEGIN CONSTRUCTION  
FULL DEPTH PAVEMENT  
CITATION BOULEVARD  
STA. 36+00

BEGIN CONSTRUCTION  
CITATION BOULEVARD  
STA. 32+23.50

**DITCH CONSTRUCTION**

STATION(S)	SIZE-SHAPE TYPE	LINING			
		TYPE	QUANTITY	D	T
RT. 40+25-41+49.9	NORMAL RDWY. DIT.	ECB	128 S.Y.	1'	-
RT. 41+49.9-41+57.2	SPL. "V" DIT.	ECB	8 S.Y.	1'	-
RT. 42+08.9-42+50	SPL. "V" DIT.	ECB	42 S.Y.	1'	-
RT. 42+50-44+75	NORMAL RDWY. DIT.	ECB	231 S.Y.	1'	-

\* ECB - EROSION CONTROL BLANKET

**UTILITIES**

AT&T  
130 WEST NEW CIRCLE ROAD  
SUITE 170  
LEXINGTON, KENTUCKY 40505  
CONTACT: GENE DUNN  
TELEPHONE: (859) 357-6216

INSIGHT COMMUNICATIONS  
2544 PALUMBO DRIVE  
LEXINGTON, KENTUCKY 40509  
CONTACT: GREG DELABAR  
TELEPHONE: (859) 514-2510

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CONTACT: DANNY HEMPHILL  
TELEPHONE: (706) 745-3105

RT. STA. 40+75 TO STA. 41+68 CITATION BLVD.  
REMOVE 55 SQ. YD. EXISTING ASPHALT PAVEMENT

RT. STA. 41+98 TO STA. 45+00 CITATION BLVD.  
REMOVE 754 SQ. YD. EXISTING ASPHALT PAVEMENT

UNIVERSITY OF KENTUCKY

AT&T CORPORATION

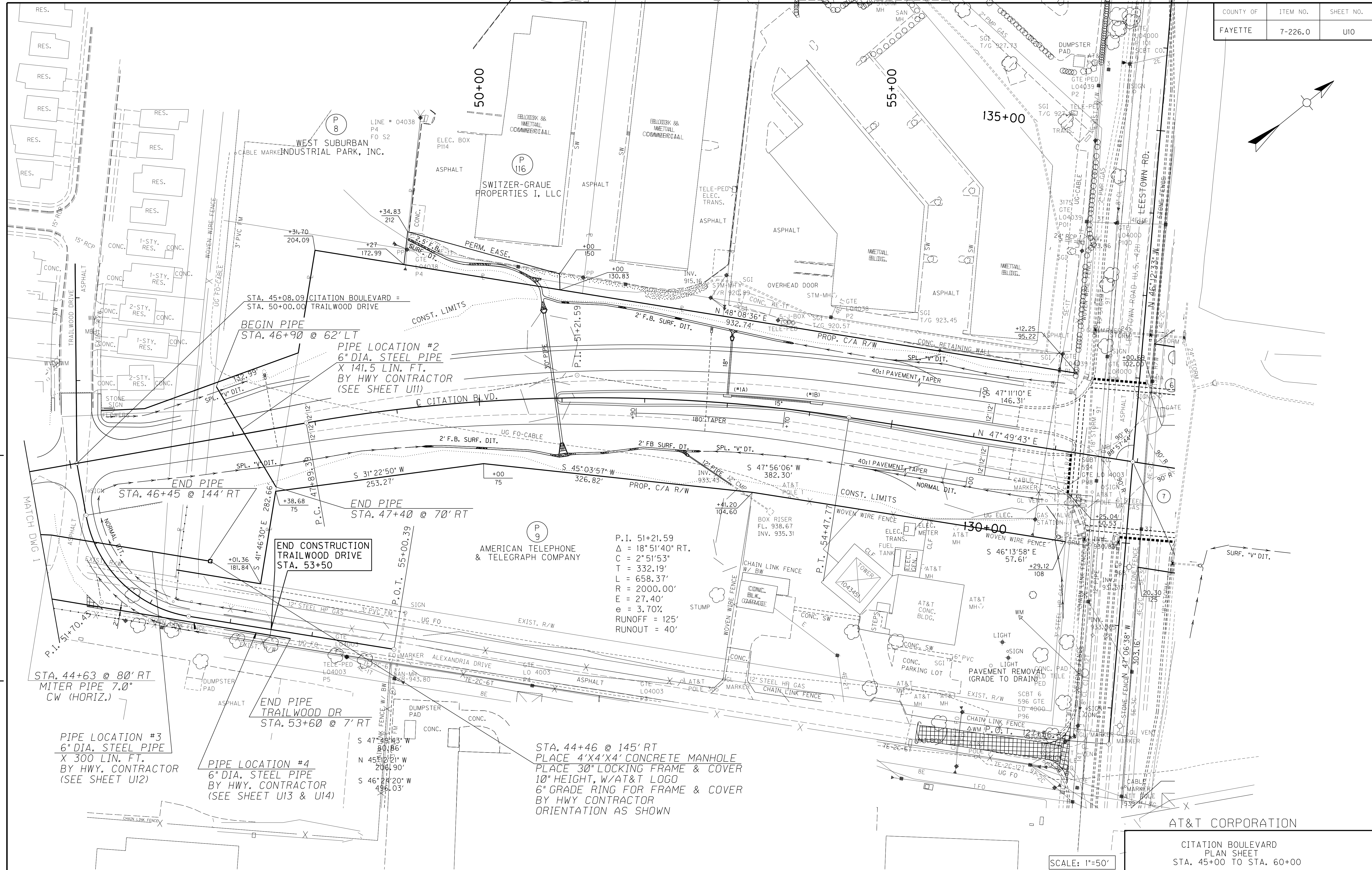
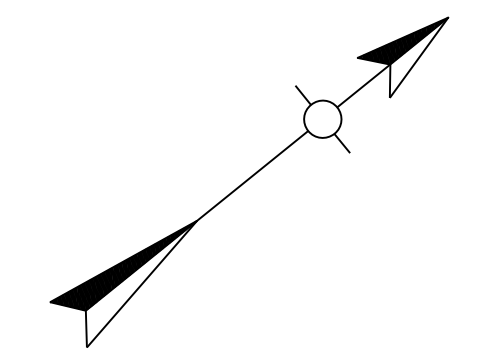
CITATION BOULEVARD  
PLAN SHEET  
STA. 32+23.50 TO STA. 45+00

SCALE: 1"=50'

PREPARED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

CELL LIBRARY: KYTC.CEL  
CELL NAME: SPL  
DD-MMM-YYYY HHMM





Cell Library: kyt.cel  
 Cell Name: SP  
 DD-MM-YYYY HH:MM

P.1. 51+21.59  
 $\Delta = 18^\circ 51' 40''$  RT.  
 $C = 2^\circ 51' 53''$   
 $T = 332.19'$   
 $L = 658.37'$   
 $R = 2000.00'$   
 $E = 27.40'$   
 $e = 3.70\%$   
 RUNOFF = 125'  
 RUNOUT = 40'

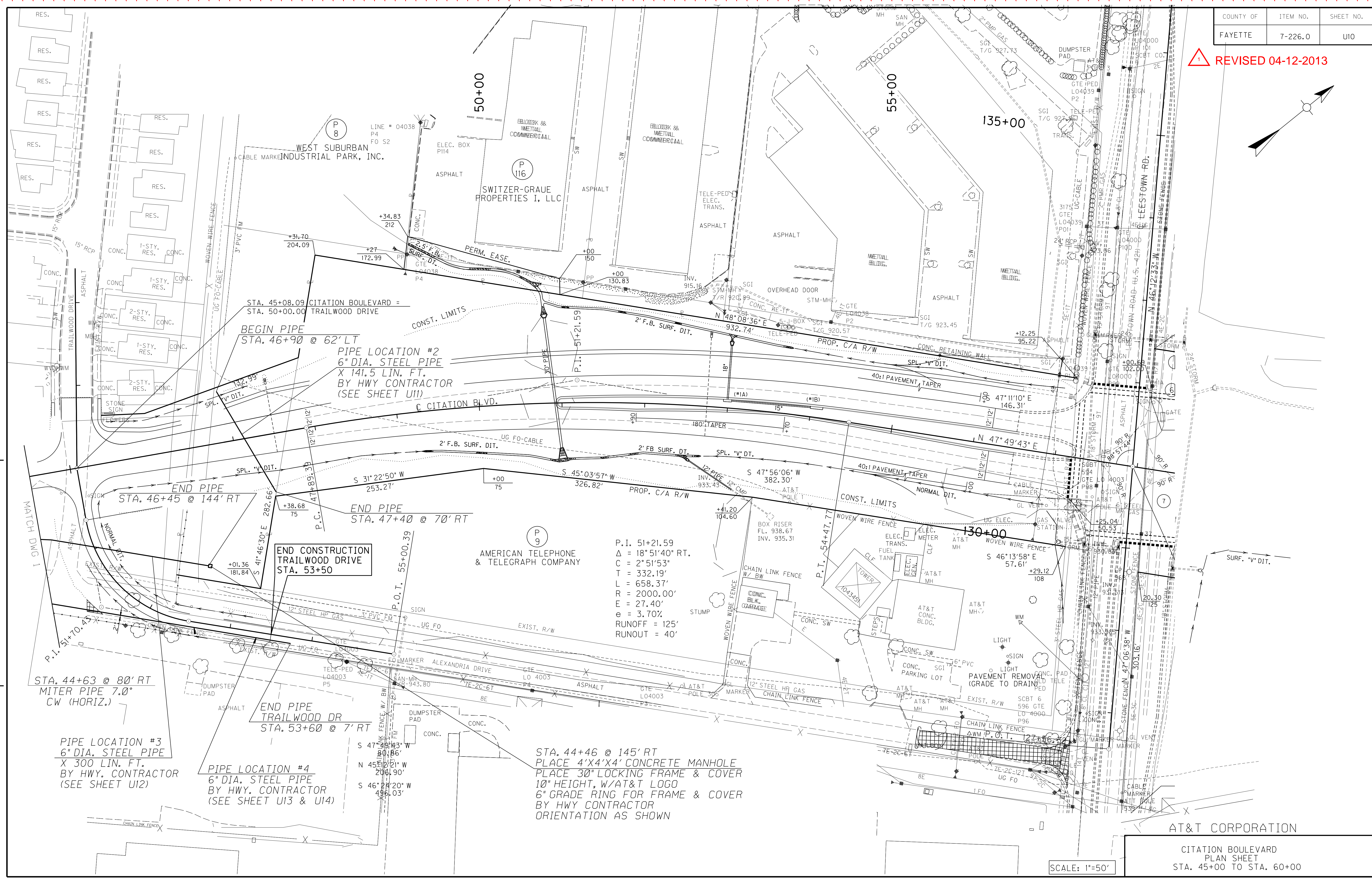
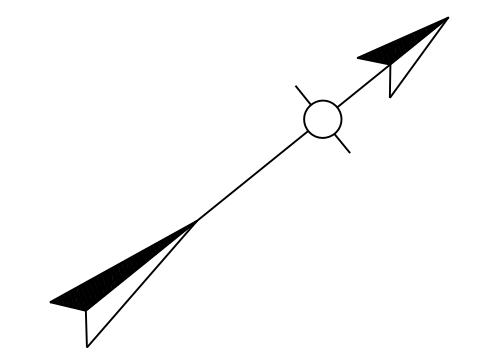
STA. 44+46 @ 145' RT  
 PLACE 4'X4'X4' CONCRETE MANHOLE  
 PLACE 30" LOCKING FRAME & COVER  
 10" HEIGHT, W/AT&T LOGO  
 6" GRADE RING FOR FRAME & COVER  
 BY HWY CONTRACTOR  
 ORIENTATION AS SHOWN

AT&T CORPORATION  
 CITATION BOULEVARD  
 PLAN SHEET  
 STA. 45+00 TO STA. 60+00

SCALE: 1"=50'



REVISD 04-12-2013



STA. 45+08.09 CITATION BOULEVARD =  
STA. 50+00.00 TRAILWOOD DRIVE

BEGIN PIPE  
STA. 46+90 @ 62' LT

PIPE LOCATION #2  
6" DIA. STEEL PIPE  
X 141.5 LIN. FT.  
BY HWY CONTRACTOR  
(SEE SHEET U11)

END PIPE  
STA. 46+45 @ 144' RT

END PIPE  
STA. 47+40 @ 70' RT

END CONSTRUCTION  
TRAILWOOD DRIVE  
STA. 53+50

P.I. 51+21.59  
 $\Delta = 18^{\circ}51'40''$  RT.  
 $C = 2^{\circ}51'53''$   
 $T = 332.19'$   
 $L = 658.37'$   
 $R = 2000.00'$   
 $E = 27.40'$   
 $e = 3.70\%$   
 RUNOFF = 125'  
 RUNOUT = 40'

STA. 44+63 @ 80' RT  
MITER PIPE 7.0'  
CW (HORIZ.)

PIPE LOCATION #3  
6" DIA. STEEL PIPE  
X 300 LIN. FT.  
BY HWY CONTRACTOR  
(SEE SHEET U12)

PIPE LOCATION #4  
6" DIA. STEEL PIPE  
BY HWY CONTRACTOR  
(SEE SHEET U13 & U14)

STA. 44+46 @ 145' RT  
PLACE 4'X4'X4' CONCRETE MANHOLE  
PLACE 30" LOCKING FRAME & COVER  
10" HEIGHT, W/AT&T LOGO  
6" GRADE RING FOR FRAME & COVER  
BY HWY CONTRACTOR  
ORIENTATION AS SHOWN

PREPARED BY \_\_\_\_\_ DATE \_\_\_\_\_  
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 APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

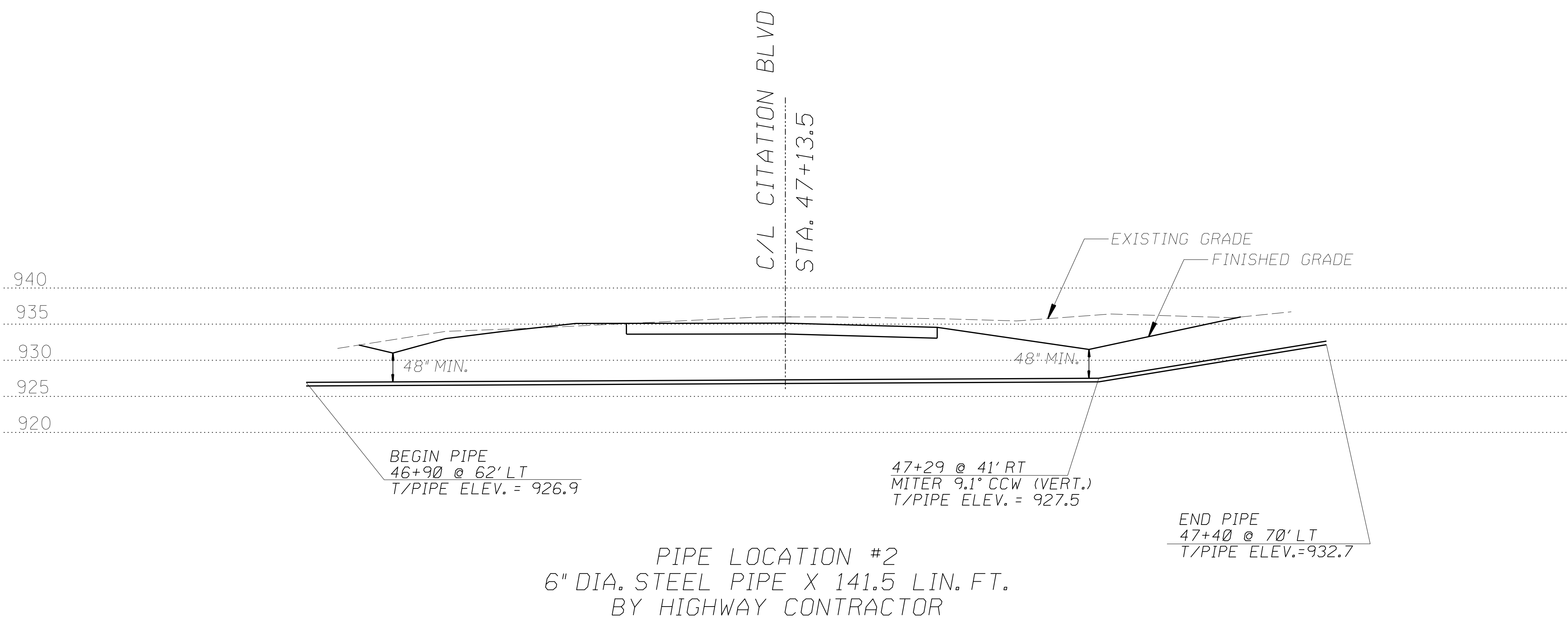
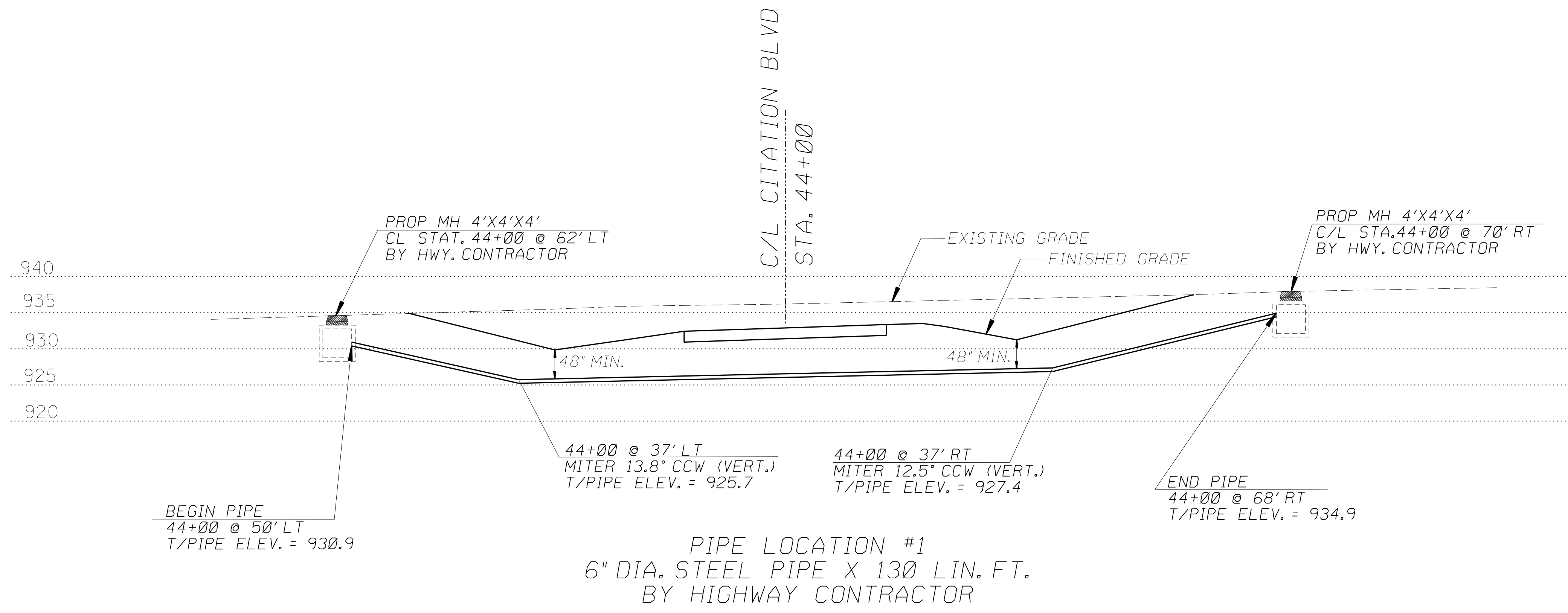
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AT&T CORPORATION

CITATION BOULEVARD  
 PLAN SHEET  
 STA. 45+00 TO STA. 60+00

SCALE: 1"=50'

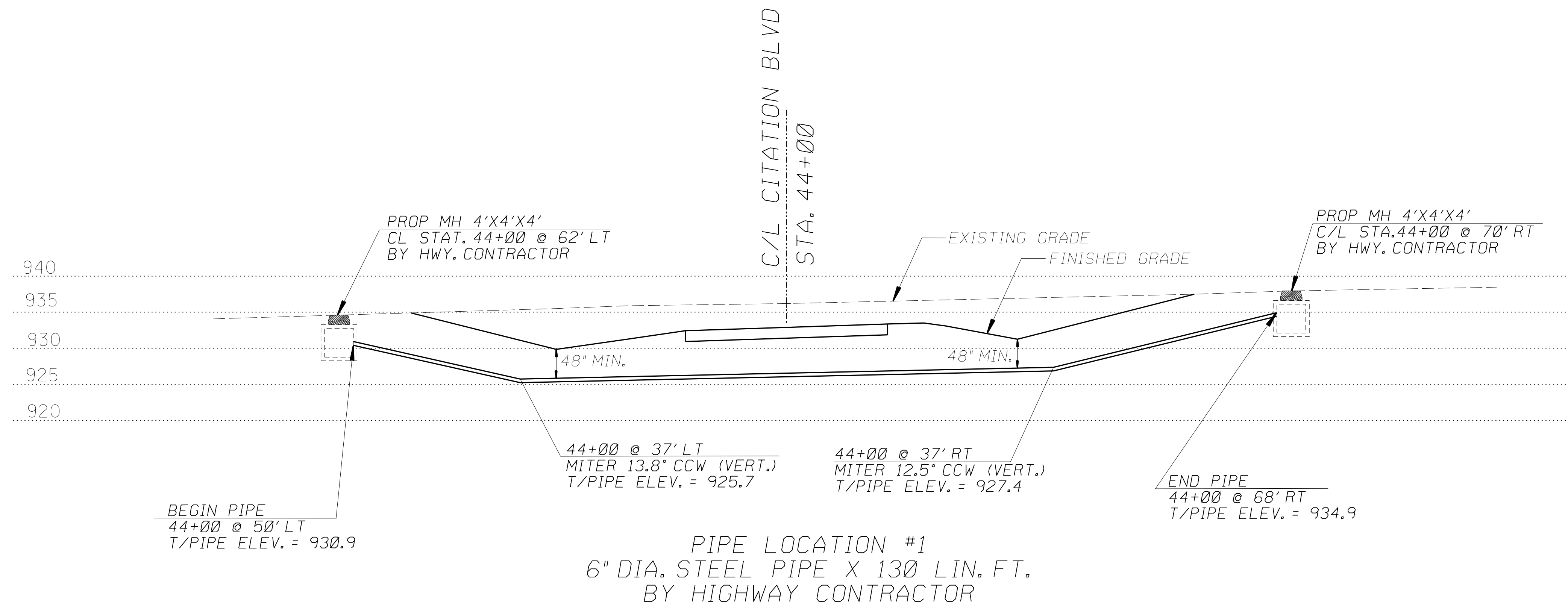




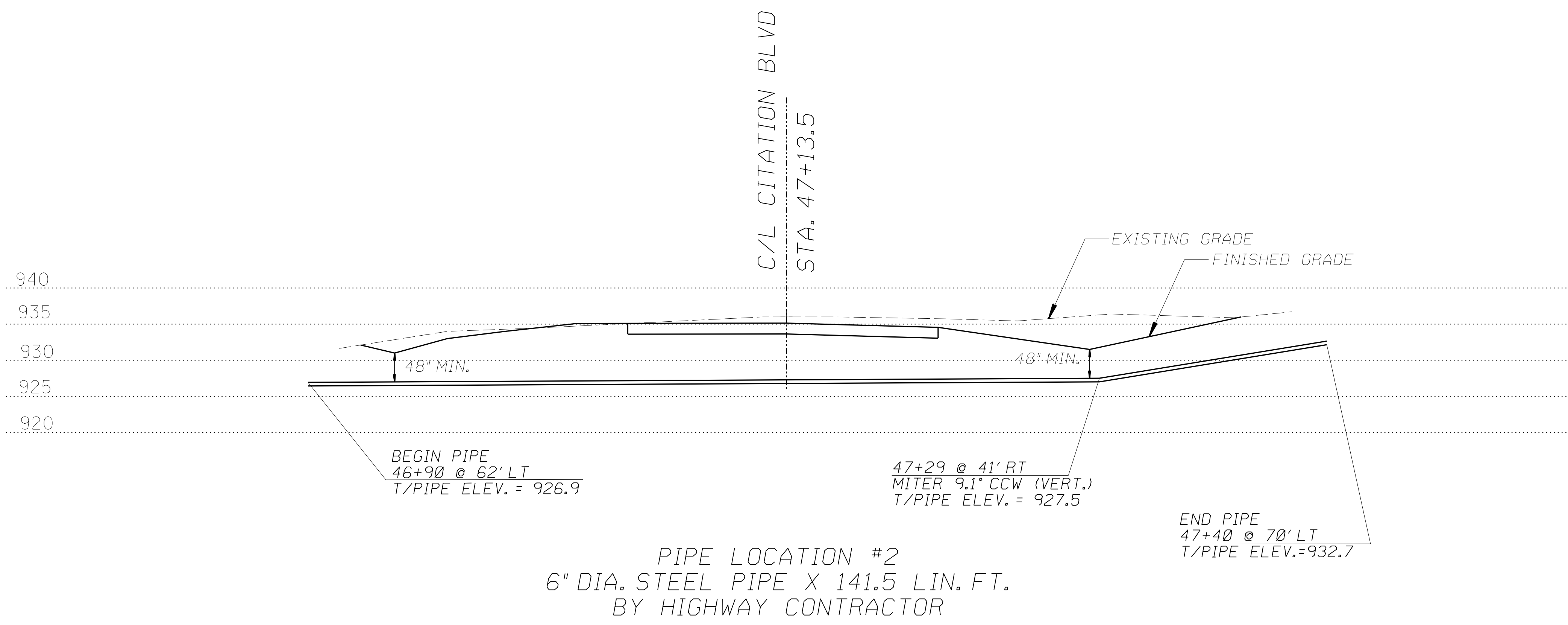
AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE CROSSINGS CITATION BLVD

SCALE 1" = 20'





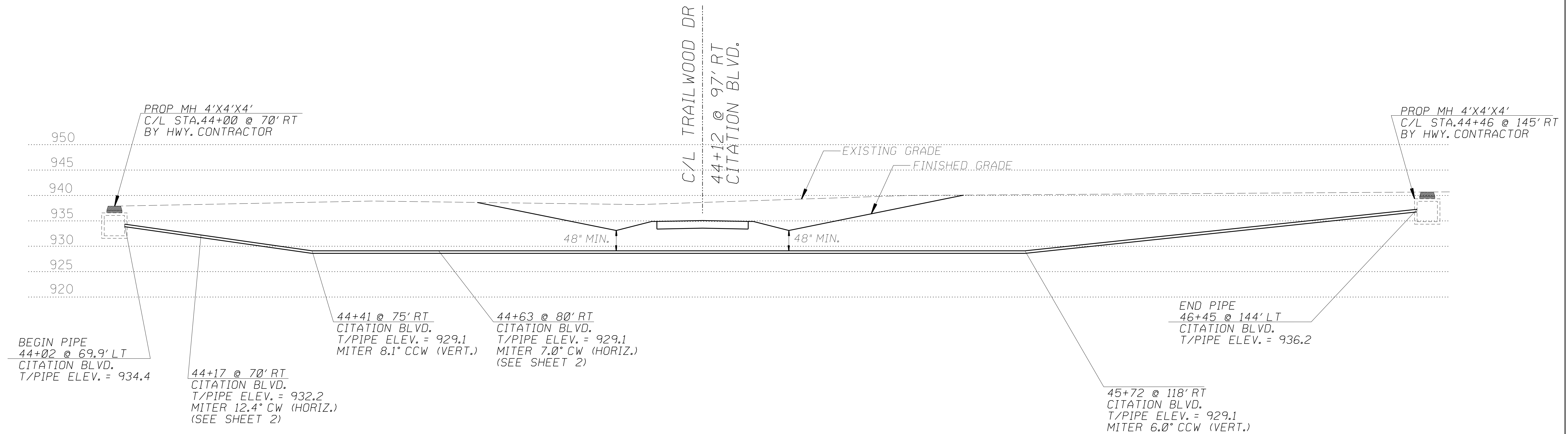
PIPE LOCATION #1  
6" DIA. STEEL PIPE X 130 LIN. FT.  
BY HIGHWAY CONTRACTOR



PIPE LOCATION #2  
6" DIA. STEEL PIPE X 141.5 LIN. FT.  
BY HIGHWAY CONTRACTOR

SCALE 1" = 20'

AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE CROSSINGS CITATION BLVD

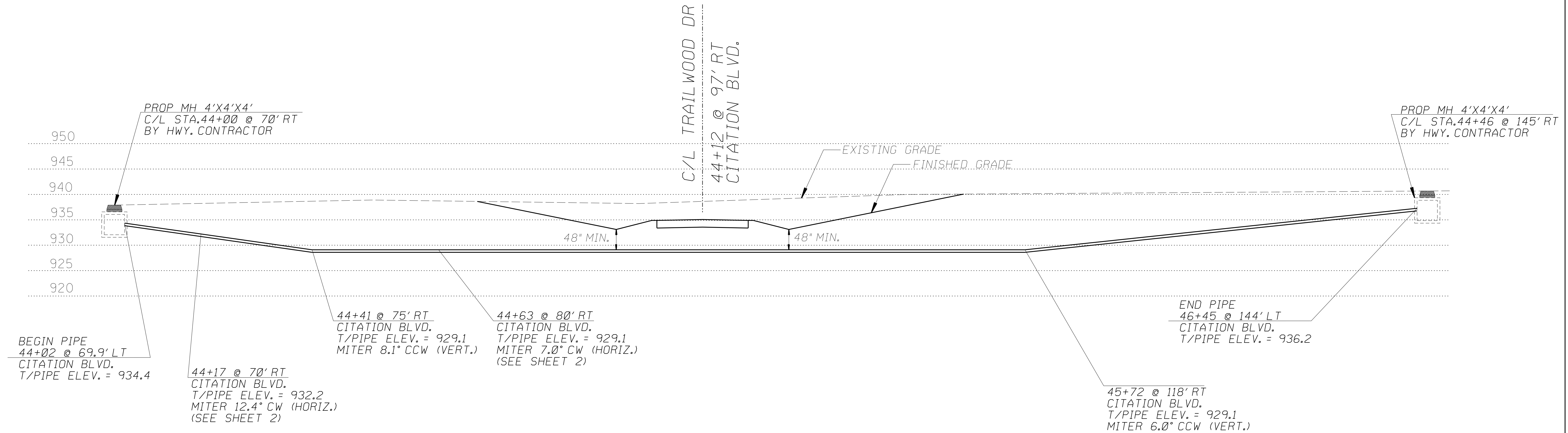


PIPE LOCATION #3  
 6" DIA. STEEL PIPE X 300 LIN. FT.  
 BY HIGHWAY CONTRACTOR

SCALE 1" = 20'

AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE CROSSING TRAILWOOD DR

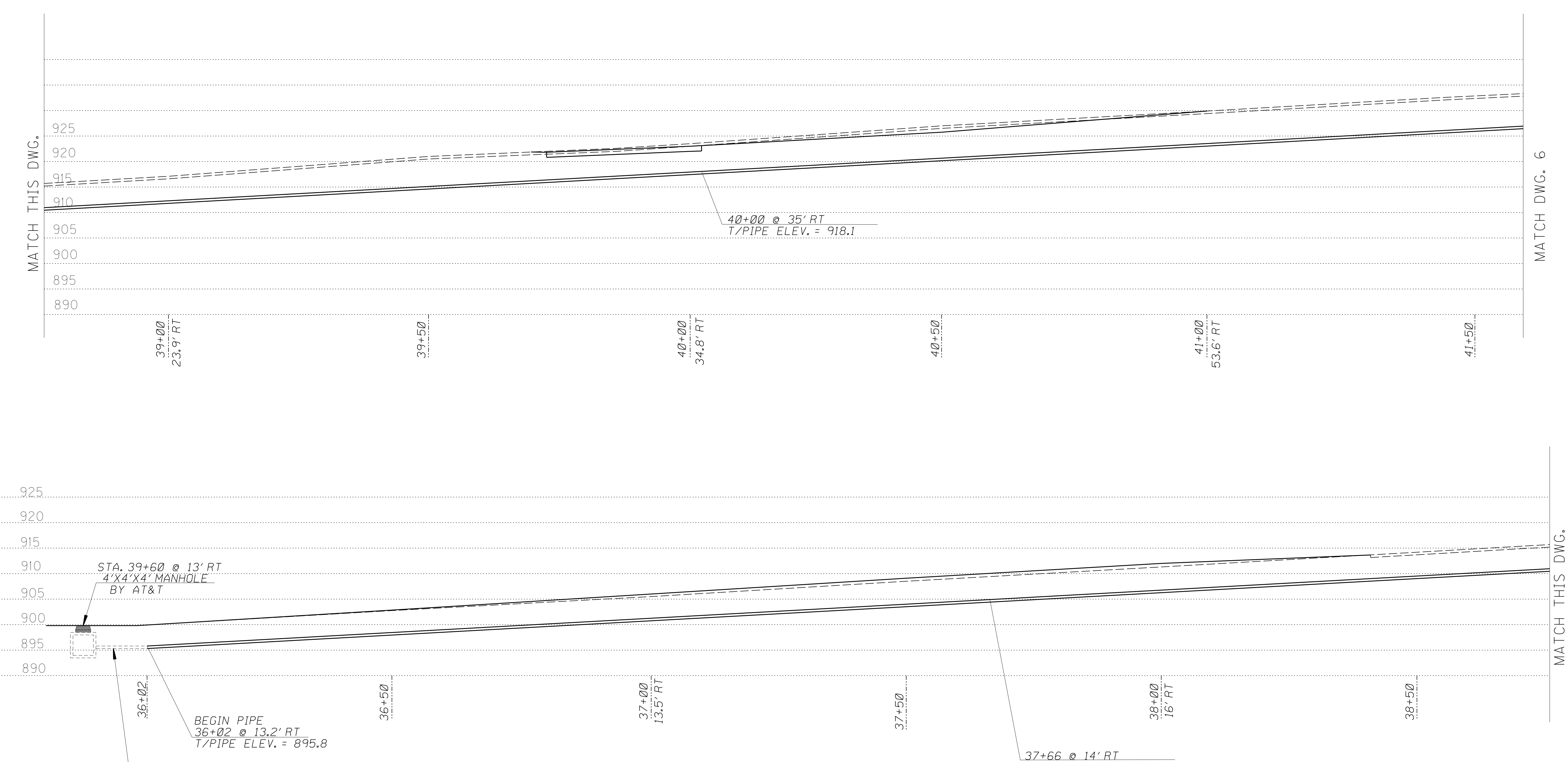




PIPE LOCATION #3  
 6" DIA. STEEL PIPE X 300 LIN. FT.  
 BY HIGHWAY CONTRACTOR

AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE CROSSING TRAILWOOD DR

SCALE 1" = 20'



MATCH THIS DWG.

MATCH DWG. 6

MATCH THIS DWG.

6" DIA. STEEL PIPE  
PLACED BY AT&T

BEGIN PIPE  
36+02 @ 13.2' RT  
T/PIPE ELEV. = 895.8

PIPE LOCATION #4  
6" DIA. STEEL PIPE X 1175 LIN. FT.  
BY HIGHWAY CONTRACTOR

37+66 @ 14' RT  
MITER 3.8° CW (HORIZ.)  
T/PIPE ELEV. = 904.9

40+00 @ 35' RT  
T/PIPE ELEV. = 918.1

STA. 39+60 @ 13' RT  
4'X4'X4' MANHOLE  
BY AT&T

AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE ALONG ALEXANDRIA DR

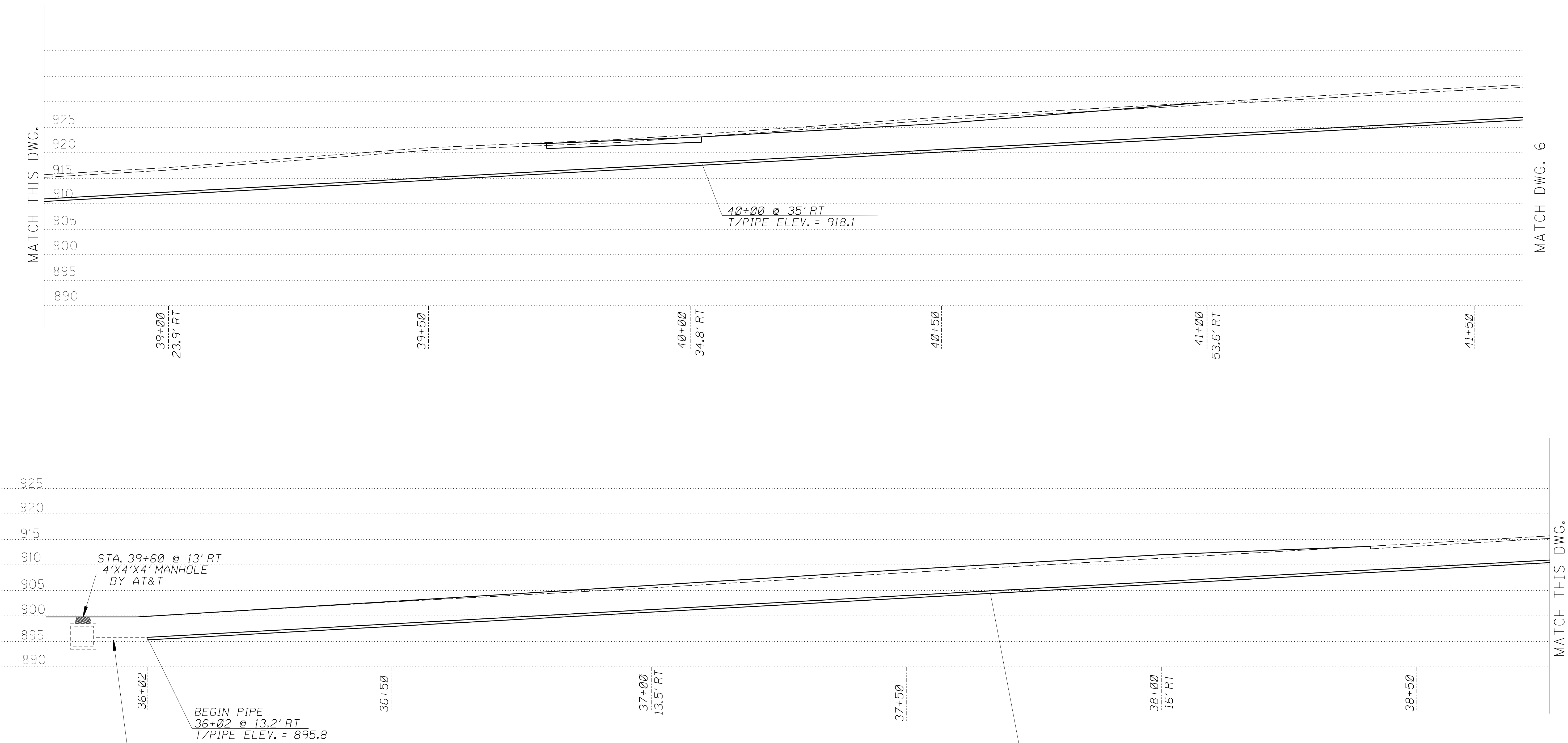
SCALE 1" = 20'

UI3





REVISD 04-12-2013



6" DIA. STEEL PIPE  
PLACED BY AT&T

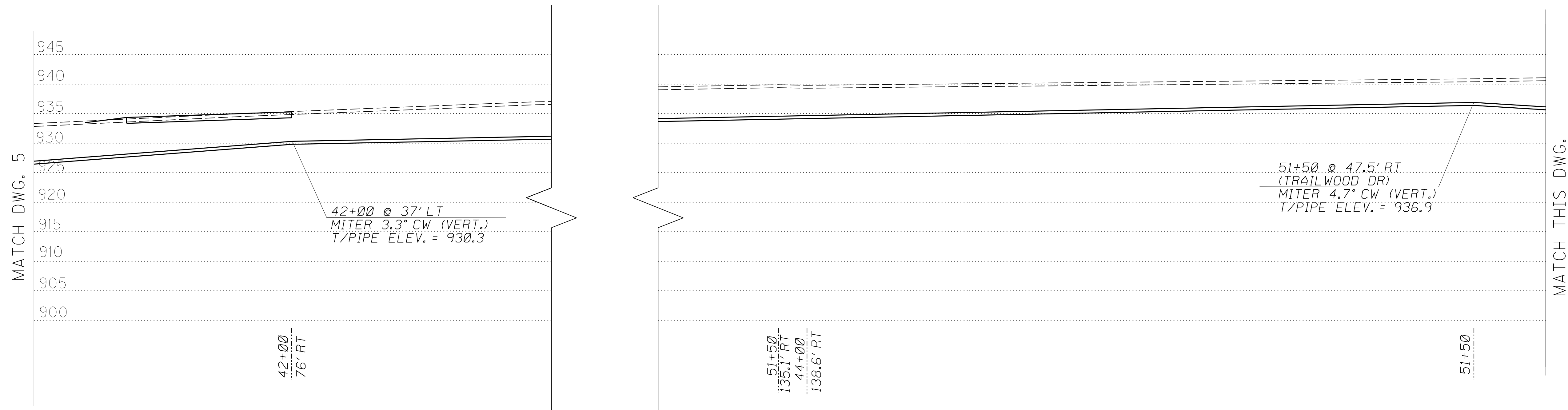
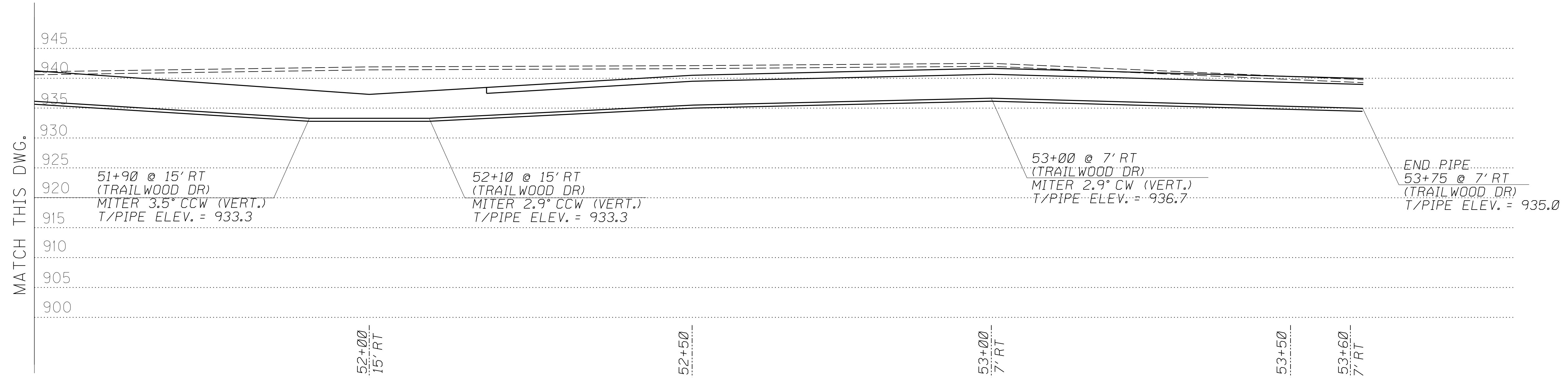
PIPE LOCATION #4  
6" DIA. STEEL PIPE X 1175 LIN. FT.  
BY HIGHWAY CONTRACTOR

37+66 @ 14' RT  
MITER 3.8° CW (HORIZ.)  
T/PIPE ELEV. = 904.9

AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE ALONG ALEXANDRIA DR

SCALE 1" = 20'

UI3

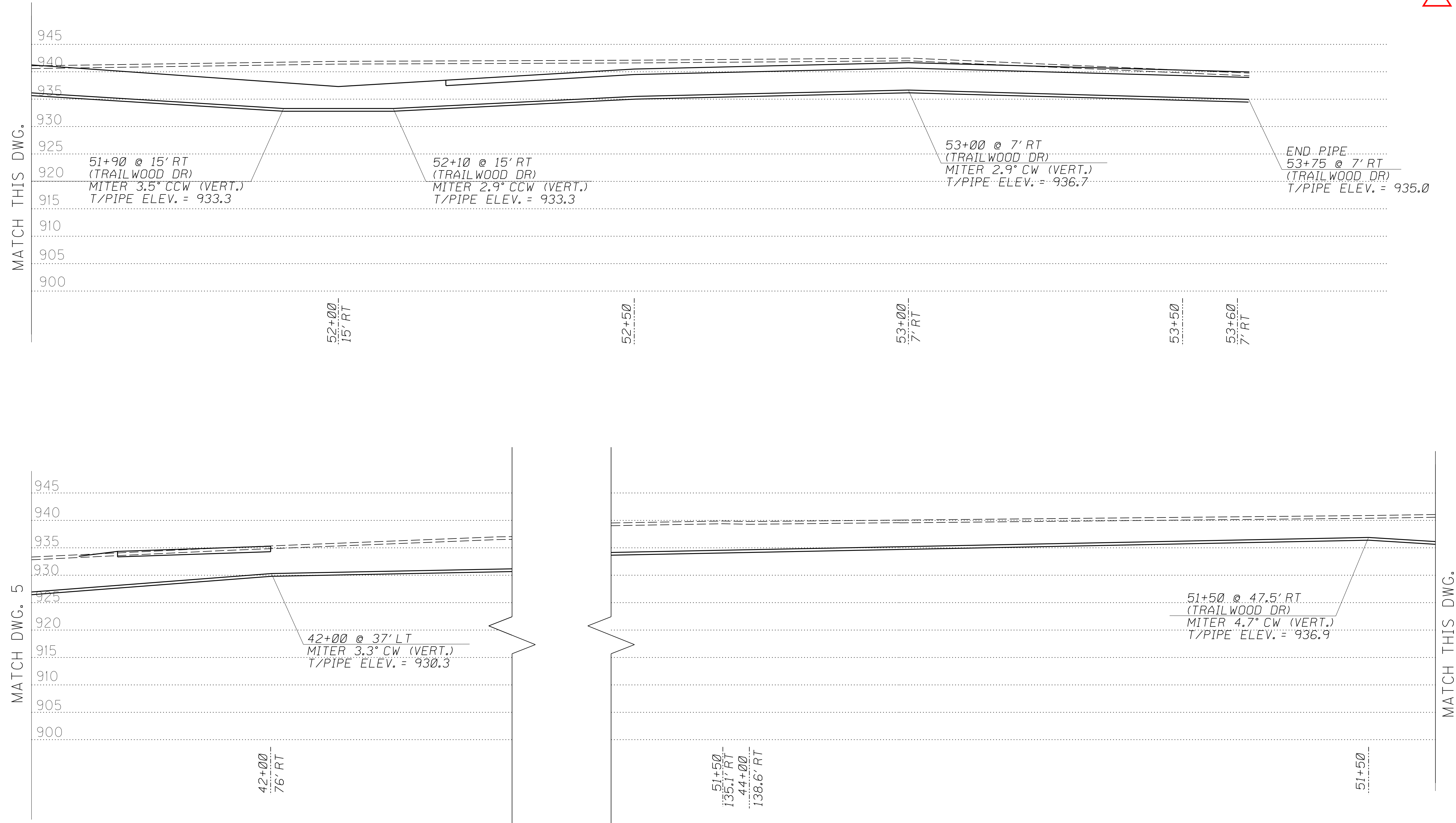


PIPE LOCATION #4  
6" DIA. STEEL PIPE X 1175 LIN. FT.  
BY HIGHWAY CONTRACTOR

SCALE 1" = 20'

AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE ALONG ALEXANDRIA DR





PIPE LOCATION #4  
6" DIA. STEEL PIPE X 1175 LIN. FT.  
BY HIGHWAY CONTRACTOR

SCALE 1" = 20'

AT&T CORPORATION
FTA LIGHTGUIDE CABLE FAYETTE COUNTY, KENTUCKY
PIPE ALONG ALEXANDRIA DR

# MATERIAL SUMMARY

**CONTRACT ID: 131308**

**034GR13D013-STPM AND FD04 SPP**

**DE03404211282**

LEESTOWN ROAD (US 421) WIDEN TO 4 LANES FROM EXISTING 4-LANE NEAR NEW CIRCLE ROAD TO MASTERSON PARK GRADE & DRAIN AND PAVEMENT ALTERNATES, A DISTANCE OF 1.95 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	00078	CRUSHED AGGREGATE SIZE NO 2 - (REVISED: 4-15-13)	17,057.00	TON
0020	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS
0030	01810	STANDARD CURB AND GUTTER	13,750.00	LF
0040	01811	STANDARD CURB AND GUTTER MOD	3,668.00	LF
0050	01821	LIP CURB AND GUTTER MOD	294.00	LF
0060	01825	ISLAND CURB AND GUTTER	13,189.00	LF
0070	01830	STANDARD INTEGRAL CURB	2,007.00	LF
0080	01845	ISLAND INTEGRAL CURB	1,991.00	LF
0090	01904	REMOVE CURB	32.00	LF
0100	02008	REMOVE ASPHALT MEDIAN	1,200.00	LF
0110	02014	BARRICADE-TYPE III	12.00	EACH
0120	02091	REMOVE PAVEMENT	91.00	SQYD
0130	02159	TEMP DITCH	10,300.00	LF
0140	02200	ROADWAY EXCAVATION	61,617.00	CUYD
0150	02203	STRUCTURE EXCAV-UNCLASSIFIED	126.00	CUYD
0170	02242	WATER	3.00	MGAL
0180	02429	RIGHT-OF-WAY MONUMENT TYPE 1	93.00	EACH
0190	02430	RIGHT-OF-WAY MONUMENT TYPE 1A	14.00	EACH
0200	02483	CHANNEL LINING CLASS II	596.00	TON
0210	02545	CLEARING AND GRUBBING - (11 ACRES)	1.00	LS
0220	02555	CONCRETE-CLASS B	253.70	CUYD
0230	02562	TEMPORARY SIGNS	572.00	SQFT
0240	02585	EDGE KEY	200.00	LF
0260	02599	FABRIC-GEOTEXTILE TYPE IV - (REVISED: 4-15-13)	57,435.00	SQYD
0270	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	2,660.00	SQYD
0280	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0290	02671	PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH
0300	02701	TEMP SILT FENCE	10,300.00	LF
0310	02703	SILT TRAP TYPE A	11.00	EACH
0320	02704	SILT TRAP TYPE B	11.00	EACH
0330	02705	SILT TRAP TYPE C	11.00	EACH
0340	02706	CLEAN SILT TRAP TYPE A	33.00	EACH
0350	02707	CLEAN SILT TRAP TYPE B	33.00	EACH
0360	02708	CLEAN SILT TRAP TYPE C	33.00	EACH
0370	02709	CLEAN TEMP SILT FENCE	30,900.00	LF
0380	02720	SIDEWALK-4 IN CONCRETE	8,603.00	SQYD
0390	02726	STAKING	1.00	LS
0400	04953	TEMP RELOCATION OF SIGNAL HEAD	30.00	EACH
0410	05950	EROSION CONTROL BLANKET	4,230.00	SQYD
0420	05952	TEMP MULCH	53,240.00	SQYD
0430	05953	TEMP SEEDING AND PROTECTION	22,600.00	SQYD
0440	05966	TOPDRESSING FERTILIZER	3.00	TON



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0450	05985	SEEDING AND PROTECTION	53,240.00	SQYD
0460	05989	SPECIAL SEEDING CROWN VETCH	506.00	SQYD
0470	05990	SODDING	17,386.00	SQYD
0480	06510	PAVE STRIPING-TEMP PAINT-4 IN	61,645.00	LF
0490	06530	PAVE STRIPING REMOVAL-4 IN	14,328.00	LF
0500	06588	PAVEMENT MARKER TY IVA-BY TEMP	470.00	EACH
0510	08100	CONCRETE-CLASS A	2,037.00	CUYD
0520	20063EN9T	DRY-LAID ROCK FENCE	422.00	LF
0530	20100ES842	PAVE MARK TEMP PAINT LINE ARROW	54.00	EACH
0540	20189NS835	INSTALL LED SIGNAL-5 SECTION	2.00	EACH
0550	20418ED	REMOVE & RELOCATE SIGNS	1.00	EACH
0560	21373ND	REMOVE SIGN	15.00	EACH
0570	23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN	470.00	LF
0580	23131ER701	PIPELINE VIDEO INSPECTION	6,804.00	LF
0590	23158ES505	DETECTABLE WARNINGS	1,577.00	SQFT
0600	23539EC	BRIDGE RAIL	355.00	LF
0610	00460	CULVERT PIPE-12 IN	4.00	LF
0620	00521	STORM SEWER PIPE-15 IN	8,176.50	LF
0630	00522	STORM SEWER PIPE-18 IN	4,166.50	LF
0640	00524	STORM SEWER PIPE-24 IN	826.50	LF
0650	00526	STORM SEWER PIPE-30 IN	155.00	LF
0660	00552	STORM SEWER PIPE-18 IN EQUIV	198.00	LF
0670	00553	STORM SEWER PIPE-21 IN EQUIV	16.00	LF
0680	01000	PERFORATED PIPE-4 IN	16,958.00	LF
0690	01011	NON-PERFORATED PIPE-6 IN	14.00	LF
0700	01024	PERF PIPE HEADWALL TY 2-4 IN	1.00	EACH
0710	01200	PIPE CULVERT HEADWALL-12 IN	1.00	EACH
0720	01202	PIPE CULVERT HEADWALL-15 IN	3.00	EACH
0730	01208	PIPE CULVERT HEADWALL-24 IN	2.00	EACH
0740	01210	PIPE CULVERT HEADWALL-30 IN	1.00	EACH
0750	01432	SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH
0760	01433	SLOPED BOX OUTLET TYPE 1-18 IN	1.00	EACH
0770	01480	CURB BOX INLET TYPE B	92.00	EACH
0780	01490	DROP BOX INLET TYPE 1	6.00	EACH
0790	01493	DROP BOX INLET TYPE 2	1.00	EACH
0800	01544	DROP BOX INLET TYPE 11	3.00	EACH
0810	01584	CAP DROP BOX INLET	1.00	EACH
0820	01641	JUNCTION BOX-15 IN	6.00	EACH
0830	01642	JUNCTION BOX-18 IN	2.00	EACH
0840	01643	JUNCTION BOX-24 IN	1.00	EACH
0850	01740	CORED HOLE DRAINAGE BOX CON-4 IN	66.00	EACH
0860	01756	MANHOLE TYPE A	3.00	EACH
0870	01767	MANHOLE TYPE C	3.00	EACH
0880	23274EN11F	TURF REINFORCEMENT MAT 1	23.70	SQYD
0890	00001	DGA BASE	44,737.00	TON
0900	00018	DRAINAGE BLANKET-TYPE II-ASPH	16,516.00	TON
0910	00022	JPC PAVEMENT DRAINAGE BLANKET	3,905.00	TON
0920	00100	ASPHALT SEAL AGGREGATE	15.30	TON
0930	00103	ASPHALT SEAL COAT	1.84	TON
0940	00190	LEVELING & WEDGING PG64-22	681.00	TON

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0950	00212	CL2 ASPH BASE 1.00D PG64-22	3,370.00	TON
0960	00214	CL3 ASPH BASE 1.00D PG64-22	36,306.00	TON
0970	00301	CL2 ASPH SURF 0.38D PG64-22	596.00	TON
0980	02069	JPC PAVEMENT-10 IN	17,734.00	SQYD
0990	02101	CEM CONC ENT PAVEMENT-8 IN	38.00	SQYD
1000	10203ND	PAVEMENT ADJUSTMENT - (ASPHALT)	1.00	LS
1010	22906ES403	CL3 ASPH SURF 0.38A PG64-22	5,601.00	TON
1020	00001	DGA BASE	37,032.00	TON
1030	00018	DRAINAGE BLANKET-TYPE II-ASPH	1,699.00	TON
1040	00022	JPC PAVEMENT DRAINAGE BLANKET	18,235.00	TON
1050	00100	ASPHALT SEAL AGGREGATE	15.30	TON
1060	00103	ASPHALT SEAL COAT	1.84	TON
1070	00190	LEVELING & WEDGING PG64-22	681.00	TON
1080	00212	CL2 ASPH BASE 1.00D PG64-22	3,370.00	TON
1090	00214	CL3 ASPH BASE 1.00D PG64-22	1,564.00	TON
1100	00301	CL2 ASPH SURF 0.38D PG64-22	596.00	TON
1110	00336	CL3 ASPH SURF 0.38A PG76-22	397.00	TON
1120	02069	JPC PAVEMENT-10 IN	88,155.00	SQYD
1130	02101	CEM CONC ENT PAVEMENT-8 IN	38.00	SQYD
1140	10203ND	PAVEMENT ADJUSTMENT - (CONCRETE)	1.00	LS
1150	04792	CONDUIT-1 IN	441.00	LF
1160	04793	CONDUIT-1 1/4 IN	964.00	LF
1170	04795	CONDUIT-2 IN	789.00	LF
1180	04811	ELECTRICAL JUNCTION BOX TYPE B	19.00	EACH
1190	04820	TRENCHING AND BACKFILLING	2,193.00	LF
1200	04830	LOOP WIRE	9,102.00	LF
1210	04845	CABLE-NO. 14/7C	12,611.00	LF
1220	04850	CABLE-NO. 14/1 PAIR	14,668.00	LF
1230	04885	MESSENGER-10800 LB	2,725.00	LF
1240	04894	PREFORMED LOOP/LEAD-IN	932.00	LF
1250	04895	LOOP SAW SLOT AND FILL	3,184.00	LF
1260	04932	INSTALL STEEL STRAIN POLE	20.00	EACH
1270	04950	REMOVE SIGNAL EQUIPMENT	4.00	EACH
1280	20093NS835	INSTALL PEDESTRIAN HEAD-LED	34.00	EACH
1290	20188NS835	INSTALL LED SIGNAL-3 SECTION	38.00	EACH
1300	20266ES835	INSTALL LED SIGNAL- 4 SECTION	13.00	EACH
1310	20452ES835	PREFORMED LOOPS	192.00	LF
1320	20453ES835	PREFORMED QUADRAPOLE LOOPS	1,326.00	LF
1330	20455NS835	VIDEO CAMERA	16.00	EACH
1340	21134ND	REMOVE-STORE AND REINSTALL SIGN	14.00	EACH
1350	21743NN	INSTALL PEDESTRIAN DETECTOR	34.00	EACH
1360	23157EN	TRAFFIC SIGNAL POLE BASE	99.95	CUYD
1370	23206EC	INSTALL CONTROLLER CABINET	5.00	EACH
1380	24555ED	SIGNAL CONTROLLER	5.00	EACH
1390	06406	SBM ALUM SHEET SIGNS .080 IN	515.00	SQFT
1400	06407	SBM ALUM SHEET SIGNS .125 IN	48.00	SQFT
1410	06411	STEEL POST TYPE 2	690.00	LF
1420	06514	PAVE STRIPING-PERM PAINT-4 IN	40,316.00	LF
1430	06565	PAVE MARKING-THERMO X-WALK-6 IN	4,667.00	LF
1440	06568	PAVE MARKING-THERMO STOP BAR-24IN	1,188.00	LF



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1450	06569	PAVE MARKING-THERMO CROSS-HATCH	3,529.00	SQFT
1460	06574	PAVE MARKING-THERMO CURV ARROW	94.00	EACH
1470	06575	PAVE MARKING-THERMO COMB ARROW	4.00	EACH
1480	06589	PAVEMENT MARKER TYPE V-MW	502.00	EACH
1490	06591	PAVEMENT MARKER TYPE V-BY	37.00	EACH
1500	20782NS714	PAVE MARKING THERMO-BIKE	50.00	EACH
1510	23260EC	PAVE MARK-THERMO-24 IN Y	234.00	LF
1520	24386EC	PAVE MARKING THERMO-BIKE LANE ARROW	50.00	EACH
1530	04740	POLE BASE	101.00	EACH
1540	04795	CONDUIT-2 IN	24,669.00	LF
1550	04810	ELECTRICAL JUNCTION BOX	21.00	EACH
1560	04820	TRENCHING AND BACKFILLING	22,880.00	LF
1570	04821	OPEN CUT ROADWAY	65.00	LF
1580	04940	REMOVE LIGHTING	1.00	LS
1590	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	9.00	EACH
1600	21543EN	BORE AND JACK CONDUIT	1,721.00	LF
1610	02568	MOBILIZATION	1.00	LS
1620	02569	DEMOBILIZATION	1.00	LS
1630	04792	CONDUIT-1 IN	717.00	LF
1640	04793	CONDUIT-1 1/4 IN	964.00	LF
1650	04795	CONDUIT-2 IN	789.00	LF
1660	04811	ELECTRICAL JUNCTION BOX TYPE B	19.00	EACH
1670	04820	TRENCHING AND BACKFILLING	2,193.00	LF
1680	04845	CABLE-NO. 14/7C	12,611.00	LF
1690	04850	CABLE-NO. 14/1 PAIR	14,668.00	LF
1700	04885	MESSENGER-10800 LB	2,725.00	LF
1710	04894	PREFORMED LOOP/LEAD-IN	2,302.00	LF
1720	04932	INSTALL STEEL STRAIN POLE	20.00	EACH
1730	04950	REMOVE SIGNAL EQUIPMENT	4.00	EACH
1740	20093NS835	INSTALL PEDESTRIAN HEAD-LED	34.00	EACH
1750	20188NS835	INSTALL LED SIGNAL-3 SECTION	38.00	EACH
1760	20266ES835	INSTALL LED SIGNAL- 4 SECTION	13.00	EACH
1770	20452ES835	PREFORMED LOOPS	528.00	LF
1780	20453ES835	PREFORMED QUADRAPOLE LOOPS	3,264.00	LF
1790	20455NS835	VIDEO CAMERA	16.00	EACH
1800	21134ND	REMOVE-STORE AND REINSTALL SIGN	14.00	EACH
1810	21743NN	INSTALL PEDESTRIAN DETECTOR	34.00	EACH
1820	23157EN	TRAFFIC SIGNAL POLE BASE	99.95	CUYD
1830	23206EC	INSTALL CONTROLLER CABINET	5.00	EACH
1840	24555ED	SIGNAL CONTROLLER	5.00	EACH
1850	02742	TRAINEE PAYMENT REIMBURSEMENT - (1 TRUCK DRIVER)	1,400.00	HOUR
1860	02742	TRAINEE PAYMENT REIMBURSEMENT - (1 CLASS B OPERATOR)	1,400.00	HOUR

**CONTRACT ID: 131308**

**034GR13D013-STPM AND FD04 SPP**

**DE03410821308**

CITATION BOULEVARD FROM SOUTHERN RAILROAD TO LEESTOWN ROAD AND ALEXANDRIA DRIVE GRADE & DRAIN AND PAVEMENT ALTERNATES, A DISTANCE OF 2.45 MILES.

# MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	01081	STEEL ENCASEMENT PIPE-24 IN	210.00	LF
0020	01792	ADJUST MANHOLE	2.00	EACH
0030	01810	STANDARD CURB AND GUTTER	22,543.00	LF
0040	01825	ISLAND CURB AND GUTTER	19,548.00	LF
0050	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	12.00	EACH
0060	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	12.00	EACH
0070	02001	CURB TO BARRIER WALL TRANS	8.00	EACH
0080	02014	BARRICADE-TYPE III	34.00	EACH
0090	02091	REMOVE PAVEMENT	1,694.00	SQYD
0100	02159	TEMP DITCH	16,000.00	LF
0110	02183	CONTAMINATED SOIL DISPOSAL	50.00	CUYD
0120	02203	STRUCTURE EXCAV-UNCLASSIFIED	58.00	CUYD
0130	02223	GRANULAR EMBANKMENT	7,000.00	CUYD
0140	02230	EMBANKMENT IN PLACE	683,072.00	CUYD
0150	02242	WATER	1,516.00	MGAL
0160	02262	FENCE-WOVEN WIRE TYPE 1	16,109.00	LF
0170	02351	GUARDRAIL-STEEL W BEAM-S FACE	2,071.00	LF
0180	02360	GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH
0190	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH
0200	02367	GUARDRAIL END TREATMENT TYPE 1	8.00	EACH
0210	02432	WITNESS POST	67.00	EACH
0220	02483	CHANNEL LINING CLASS II	1,885.00	TON
0230	02484	CHANNEL LINING CLASS III	333.00	TON
0240	02545	CLEARING AND GRUBBING - (90 ACRES)	1.00	LS
0250	02555	CONCRETE-CLASS B	308.00	CUYD
0260	02562	TEMPORARY SIGNS	660.50	SQFT
0270	02596	FABRIC-GEOTEXTILE TYPE I	1,000.00	SQYD
0280	02598	FABRIC-GEOTEXTILE TYPE III	11,500.00	SQYD
0290	02599	FABRIC-GEOTEXTILE TYPE IV	18,100.00	SQYD
0300	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	107,800.00	SQYD
0310	02611	HANDRAIL-TYPE A-1	304.00	LF
0320	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0330	02671	PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH
0340	02692	SETTLEMENT PLATFORM	2.00	EACH
0350	02701	TEMP SILT FENCE	16,000.00	LF
0360	02703	SILT TRAP TYPE A	48.00	EACH
0370	02704	SILT TRAP TYPE B - (TO BE USED AS PERMANENT WATER QUALITY FEATURE)	43.00	EACH
0380	02704	SILT TRAP TYPE B	48.00	EACH
0390	02705	SILT TRAP TYPE C	48.00	EACH
0400	02706	CLEAN SILT TRAP TYPE A	144.00	EACH
0410	02707	CLEAN SILT TRAP TYPE B	144.00	EACH
0420	02708	CLEAN SILT TRAP TYPE C	144.00	EACH
0430	02709	CLEAN TEMP SILT FENCE	48,000.00	LF
0440	02719	SIDEWALK-4 1/2 INCH CONCRETE	15,006.00	SQYD
0450	02726	STAKING	1.00	LS
0460	03340	STEEL PIPE-2 1/2 IN	84.00	LF



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0470	03343	STEEL PIPE-4 IN	80.00	LF
0480	05950	EROSION CONTROL BLANKET	23,812.00	SQYD
0490	05952	TEMP MULCH	426,987.00	SQYD
0500	05953	TEMP SEEDING AND PROTECTION	15,998.00	SQYD
0510	05966	TOPDRESSING FERTILIZER	17.00	TON
0520	05985	SEEDING AND PROTECTION	319,943.00	SQYD
0530	05989	SPECIAL SEEDING CROWN VETCH	7,010.00	SQYD
0540	05990	SODDING	13,615.00	SQYD
0550	06510	PAVE STRIPING-TEMP PAINT-4 IN	69,292.00	LF
0560	06514	PAVE STRIPING-PERM PAINT-4 IN - (YELLOW)	28,769.00	LF
0570	06514	PAVE STRIPING-PERM PAINT-4 IN - (WHITE)	40,523.00	LF
0580	06565	PAVE MARKING-THERMO X-WALK-6 IN	1,521.00	LF
0590	06568	PAVE MARKING-THERMO STOP BAR-24IN	335.00	LF
0600	06573	PAVE MARKING-THERMO STR ARROW	35.00	EACH
0610	06574	PAVE MARKING-THERMO CURV ARROW	101.00	EACH
0620	06576	PAVE MARKING-THERMO ONLY	36.00	EACH
0630	20430ED	SAW CUT	160.00	LF
0640	20782NS714	PAVE MARKING THERMO-BIKE	35.00	EACH
0650	23131ER701	PIPELINE VIDEO INSPECTION	10,633.00	LF
0660	23769EC	ROCK FENCE	485.00	LF
0670	23791EC	PAVE STRIPING-CHEVRON MARKINGS	331.00	SQFT
0680	24540	R/W MONUMENT TYPE 3	80.00	EACH
0690	24576EN	LFUCG CURB AND GUTTER TYPE I	735.00	LF
0700	24580EC	CHAIN LINK FENCE - (3 FOOT TALL)	110.00	LF
0710	01081	STEEL ENCASEMENT PIPE-24 IN	210.00	LF
0720	01792	ADJUST MANHOLE	2.00	EACH
0730	01810	STANDARD CURB AND GUTTER	2,668.00	LF
0740	01825	ISLAND CURB AND GUTTER	1,119.00	LF
0750	01830	STANDARD INTEGRAL CURB	19,875.00	LF
0760	01845	ISLAND INTEGRAL CURB	18,429.00	LF
0770	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	12.00	EACH
0780	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	12.00	EACH
0790	02001	CURB TO BARRIER WALL TRANS	8.00	EACH
0800	02014	BARRICADE-TYPE III	34.00	EACH
0810	02091	REMOVE PAVEMENT	1,694.00	SQYD
0820	02159	TEMP DITCH	16,000.00	LF
0830	02183	CONTAMINATED SOIL DISPOSAL	50.00	CUYD
0840	02203	STRUCTURE EXCAV-UNCLASSIFIED	58.00	CUYD
0850	02223	GRANULAR EMBANKMENT	7,000.00	CUYD
0860	02230	EMBANKMENT IN PLACE	685,105.00	CUYD
0870	02242	WATER	1,516.00	MGAL
0880	02262	FENCE-WOVEN WIRE TYPE 1	16,109.00	LF
0890	02351	GUARDRAIL-STEEL W BEAM-S FACE	2,071.00	LF
0900	02360	GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH
0910	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH
0920	02367	GUARDRAIL END TREATMENT TYPE 1	8.00	EACH
0930	02432	WITNESS POST	67.00	EACH
0940	02483	CHANNEL LINING CLASS II	1,885.00	TON
0950	02484	CHANNEL LINING CLASS III	333.00	TON

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0960	02545	CLEARING AND GRUBBING - (90 ACRES)	1.00	LS
0970	02555	CONCRETE-CLASS B	308.00	CUYD
0980	02562	TEMPORARY SIGNS	660.50	SQFT
0990	02596	FABRIC-GEOTEXTILE TYPE I	1,000.00	SQYD
1000	02598	FABRIC-GEOTEXTILE TYPE III	11,500.00	SQYD
1010	02599	FABRIC-GEOTEXTILE TYPE IV	18,100.00	SQYD
1020	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	107,800.00	SQYD
1030	02611	HANDRAIL-TYPE A-1	304.00	LF
1040	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
1050	02671	PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH
1060	02692	SETTLEMENT PLATFORM	2.00	EACH
1070	02701	TEMP SILT FENCE	16,000.00	LF
1080	02703	SILT TRAP TYPE A	48.00	EACH
1090	02704	SILT TRAP TYPE B - (TO BE USED AS PERMANENT WATER QUALITY FEATURE)	43.00	EACH
1100	02704	SILT TRAP TYPE B	48.00	EACH
1110	02705	SILT TRAP TYPE C	48.00	EACH
1120	02706	CLEAN SILT TRAP TYPE A	144.00	EACH
1130	02707	CLEAN SILT TRAP TYPE B	144.00	EACH
1140	02708	CLEAN SILT TRAP TYPE C	144.00	EACH
1150	02709	CLEAN TEMP SILT FENCE	48,000.00	LF
1160	02719	SIDEWALK-4 1/2 INCH CONCRETE	15,006.00	SQYD
1170	02726	STAKING	1.00	LS
1180	03340	STEEL PIPE-2 1/2 IN	84.00	LF
1190	03343	STEEL PIPE-4 IN	80.00	LF
1200	05950	EROSION CONTROL BLANKET	23,812.00	SQYD
1210	05952	TEMP MULCH	426,987.00	SQYD
1220	05953	TEMP SEEDING AND PROTECTION	15,998.00	SQYD
1230	05966	TOPDRESSING FERTILIZER	17.00	TON
1240	05985	SEEDING AND PROTECTION	319,943.00	SQYD
1250	05989	SPECIAL SEEDING CROWN VETCH	7,010.00	SQYD
1260	05990	SODDING	13,615.00	SQYD
1270	06510	PAVE STRIPING-TEMP PAINT-4 IN	69,292.00	LF
1280	06514	PAVE STRIPING-PERM PAINT-4 IN - (YELLOW)	28,769.00	LF
1290	06514	PAVE STRIPING-PERM PAINT-4 IN - (WHITE)	40,523.00	LF
1300	06565	PAVE MARKING-THERMO X-WALK-6 IN	1,521.00	LF
1310	06568	PAVE MARKING-THERMO STOP BAR-24IN	335.00	LF
1320	06573	PAVE MARKING-THERMO STR ARROW	35.00	EACH
1330	06574	PAVE MARKING-THERMO CURV ARROW	101.00	EACH
1340	06576	PAVE MARKING-THERMO ONLY	36.00	EACH
1350	20430ED	SAW CUT	160.00	LF
1360	20782NS714	PAVE MARKING THERMO-BIKE	35.00	EACH
1370	23131ER701	PIPELINE VIDEO INSPECTION	10,633.00	LF
1380	23769EC	ROCK FENCE	485.00	LF
1390	23791EC	PAVE STRIPING-CHEVRON MARKINGS	331.00	SQFT
1400	24540	R/W MONUMENT TYPE 3	80.00	EACH
1410	24576EN	LFUCG CURB AND GUTTER TYPE I	735.00	LF
1420	24580EC	CHAIN LINK FENCE - (3 FOOT TALL)	110.00	LF
1430	00001	DGA BASE	57,360.50	TON
1440	00013	LIME STABILIZED ROADBED	166,793.90	SQYD



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1450	00014	LIME	2,828.10	TON
1460	00018	DRAINAGE BLANKET-TYPE II-ASPH	25,144.20	TON
1470	00020	TRAFFIC BOUND BASE	2,000.00	TON
1480	00022	JPC PAVEMENT DRAINAGE BLANKET	3,596.00	TON
1490	00214	CL3 ASPH BASE 1.00D PG64-22	35,168.60	TON
1500	00358	ASPHALT CURING SEAL	333.70	TON
1510	00388	CL3 ASPH SURF 0.38B PG64-22	7,959.70	TON
1520	02069	JPC PAVEMENT-10 IN	14,316.40	SQYD
1530	02084	JPC PAVEMENT-8 IN	119.00	SQYD
1540	02101	CEM CONC ENT PAVEMENT-8 IN	126.00	SQYD
1550	02702	SAND FOR BLOTTER	417.10	TON
1560	10203ND	PAVEMENT ADJUSTMENT - (ASPHALT); (REVISED: 4-11-13)	1.00	LS
1570	00001	DGA BASE	35,360.00	TON
1580	00013	LIME STABILIZED ROADBED	129,219.30	SQYD
1590	00014	LIME	2,191.00	TON
1600	00018	DRAINAGE BLANKET-TYPE II-ASPH	5,056.00	TON
1610	00020	TRAFFIC BOUND BASE	2,000.00	TON
1620	00022	JPC PAVEMENT DRAINAGE BLANKET	22,731.50	TON
1630	00214	CL3 ASPH BASE 1.00D PG64-22	7,361.00	TON
1640	00358	ASPHALT CURING SEAL	258.60	TON
1650	00388	CL3 ASPH SURF 0.38B PG64-22	1,831.40	TON
1660	02069	JPC PAVEMENT-10 IN	88,598.00	SQYD
1670	02084	JPC PAVEMENT-8 IN	119.00	SQYD
1680	02101	CEM CONC ENT PAVEMENT-8 IN	126.00	SQYD
1690	02702	SAND FOR BLOTTER	323.20	TON
1700	10203ND	PAVEMENT ADJUSTMENT - (CONCRETE); (REVISED: 4-11-13)	1.00	LS
1710	00078	CRUSHED AGGREGATE SIZE NO 2	15.00	TON
1720	00440	ENTRANCE PIPE-15 IN	53.00	LF
1730	00441	ENTRANCE PIPE-18 IN	78.00	LF
1740	00460	CULVERT PIPE-12 IN	62.00	LF
1750	00461	CULVERT PIPE-15 IN	27.00	LF
1760	00462	CULVERT PIPE-18 IN	394.00	LF
1770	00464	CULVERT PIPE-24 IN	153.00	LF
1780	00466	CULVERT PIPE-30 IN	196.00	LF
1790	00468	CULVERT PIPE-36 IN	522.00	LF
1800	00469	CULVERT PIPE-42 IN	438.00	LF
1810	00472	CULVERT PIPE-60 IN	55.00	LF
1820	00521	STORM SEWER PIPE-15 IN	7,327.00	LF
1830	00522	STORM SEWER PIPE-18 IN	4,268.00	LF
1840	00524	STORM SEWER PIPE-24 IN	1,237.00	LF
1850	00526	STORM SEWER PIPE-30 IN	1,724.00	LF
1860	00532	STORM SEWER PIPE-60 IN	167.00	LF
1870	00558	STORM SEWER PIPE-36 IN EQUIV	29.00	LF
1880	01000	PERFORATED PIPE-4 IN	2,083.00	LF
1890	01010	NON-PERFORATED PIPE-4 IN	180.00	LF
1900	01020	PERF PIPE HEADWALL TY 1-4 IN	4.00	EACH
1910	01024	PERF PIPE HEADWALL TY 2-4 IN	1.00	EACH
1920	01028	PERF PIPE HEADWALL TY 3-4 IN	10.00	EACH
1930	01450	S & F BOX INLET-OUTLET-18 IN	3.00	EACH

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1940	01452	S & F BOX INLET-OUTLET-30 IN	1.00	EACH
1950	01456	CURB BOX INLET TYPE A	95.00	EACH
1960	01496	DROP BOX INLET TYPE 3	4.00	EACH
1970	01499	DROP BOX INLET TYPE 4	1.00	EACH
1980	01502	DROP BOX INLET TYPE 5A	11.00	EACH
1990	01511	DROP BOX INLET TYPE 5D	1.00	EACH
2000	01517	DROP BOX INLET TYPE 5F	1.00	EACH
2010	01642	JUNCTION BOX-18 IN	3.00	EACH
2020	01644	JUNCTION BOX-30 IN	1.00	EACH
2030	01719	ADJUST INLET	1.00	EACH
2040	01740	CORED HOLE DRAINAGE BOX CON-4 IN	2.00	EACH
2050	01756	MANHOLE TYPE A	2.00	EACH
2060	01767	MANHOLE TYPE C	2.00	EACH
2070	08100	CONCRETE-CLASS A	35.40	CUYD
2080	08150	STEEL REINFORCEMENT	2,254.00	LB
2090	24577EN	STORMCEPTOR - (4800)	3.00	EACH
2100	24577EN	STORMCEPTOR - (900)	5.00	EACH
2110	24577EN	STORMCEPTOR - (450I)	4.00	EACH
2120	02231	STRUCTURE GRANULAR BACKFILL	556.00	CUYD
2130	02998	MASONRY COATING	2,354.00	SQYD
2140	03299	ARMORED EDGE FOR CONCRETE	145.00	LF
2150	04797	CONDUIT-3 IN	532.00	LF
2160	04810	ELECTRICAL JUNCTION BOX	2.00	EACH
2170	08001	STRUCTURE EXCAVATION-COMMON	874.00	CUYD
2180	08002	STRUCTURE EXCAV-SOLID ROCK	158.00	CUYD
2190	08016	REINF CONC SLOPE WALL-6 IN	1,915.00	SQYD
2200	08033	TEST PILES	200.00	LF
2210	08046	PILES-STEEL HP12X53	1,811.00	LF
2220	08094	PILE POINTS-12 IN	44.00	EACH
2230	08100	CONCRETE-CLASS A	701.40	CUYD
2240	08104	CONCRETE-CLASS AA	971.20	CUYD
2250	08150	STEEL REINFORCEMENT	116,999.00	LB
2260	08151	STEEL REINFORCEMENT-EPOXY COATED	206,267.00	LB
2270	08160	STRUCTURAL STEEL - (25308)	1.00	LS
2280	08500	APPROACH SLAB	412.00	SQYD
2290	08634	PRECAST PC I BEAM TYPE 4	2,860.00	LF
2300	08711	BRIDGE CHAIN LINK FENCE-6 FT	482.00	LF
2310	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH
2320	21432NC	CONCRETE FORMLINER	3,890.00	SQFT
2330	24088EC	COFFERDAM ADJACENT TO RAILROAD	4.00	EACH
2340	02231	STRUCTURE GRANULAR BACKFILL	2,784.00	CUYD
2350	02998	MASONRY COATING	679.00	SQYD
2360	03299	ARMORED EDGE FOR CONCRETE	153.20	LF
2370	08001	STRUCTURE EXCAVATION-COMMON	942.00	CUYD
2380	08002	STRUCTURE EXCAV-SOLID ROCK	389.00	CUYD
2390	08004	STONE MASONRY VENEER	11,078.00	SQFT
2400	08019	CYCLOPEAN STONE RIP RAP	435.00	TON
2410	08100	CONCRETE-CLASS A	1,210.60	CUYD
2420	08104	CONCRETE-CLASS AA	603.80	CUYD
2430	08150	STEEL REINFORCEMENT	142,179.00	LB



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
2440	08151	STEEL REINFORCEMENT-EPOXY COATED	104,730.00	LB
2450	08160	STRUCTURAL STEEL - (25974)	1.00	LS
2460	08256	HANDRAIL-METAL	138.40	LF
2470	08269	ELECTRICAL CONDUIT - (25974)	1.00	LS
2480	08634	PRECAST PC I BEAM TYPE 4	1,212.00	LF
2490	21679EN	FIBERGLASS DRAIN PIPE	12.00	LF
2500	24565ED	PRECAST FASCIA PANELS - (25974)	1.00	LS
2510	04795	CONDUIT-2 IN	22,200.00	LF
2520	04820	TRENCHING AND BACKFILLING	22,150.00	LF
2530	04821	OPEN CUT ROADWAY	50.00	LF
2540	01067	STEEL ENCASEMENT PIPE-10 IN - (OPEN CUT)	125.00	LF
2550	03382	PVC PIPE-3 IN - (SD21)	175.00	LF
2560	03572	BEND AND BLOCK - (PVC-3 IN THRUST)	6.00	EACH
2570	20371EC	CUT AND CAP SANITARY SEWER - (3 IN FM)	2.00	EACH
2580	02568	MOBILIZATION	1.00	LS
2590	02569	DEMOBILIZATION	1.00	LS
2600	01063	STEEL ENCASEMENT PIPE-6 IN - (ADDED: 4-15-13)	1,746.50	LF
2610	23532EC	INSTALL MANHOLE - (ADDED: 4-15-13)	3.00	EACH

**PROPOSAL BID ITEMS**

Report Date 4/15/13

**Section: 0001 - PAVING (ASPHALT ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	44,737.00	TON		\$	
0020	00018		DRAINAGE BLANKET-TYPE II-ASPH	16,516.00	TON		\$	
0030	00022		JPC PAVEMENT DRAINAGE BLANKET	3,905.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	15.30	TON		\$	
0050	00103		ASPHALT SEAL COAT	1.84	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	681.00	TON		\$	
0070	00212		CL2 ASPH BASE 1.00D PG64-22	3,370.00	TON		\$	
0080	00214		CL3 ASPH BASE 1.00D PG64-22	36,306.00	TON		\$	
0090	00301		CL2 ASPH SURF 0.38D PG64-22	596.00	TON		\$	
0100	02069		JPC PAVEMENT-10 IN	17,734.00	SQYD		\$	
0110	02101		CEM CONC ENT PAVEMENT-8 IN	38.00	SQYD		\$	
0120	10203ND		PAVEMENT ADJUSTMENT(ASPHALT)	1.00	LS	587,437.00	\$	\$587,437.00
0130	22906ES403		CL3 ASPH SURF 0.38A PG64-22	5,601.00	TON		\$	

**Section: 0002 - PAVING (CONCRETE ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0900	00001		DGA BASE	37,032.00	TON		\$	
0910	00018		DRAINAGE BLANKET-TYPE II-ASPH	1,699.00	TON		\$	
0920	00022		JPC PAVEMENT DRAINAGE BLANKET	18,235.00	TON		\$	
0930	00100		ASPHALT SEAL AGGREGATE	15.30	TON		\$	
0940	00103		ASPHALT SEAL COAT	1.84	TON		\$	
0950	00190		LEVELING & WEDGING PG64-22	681.00	TON		\$	
0960	00212		CL2 ASPH BASE 1.00D PG64-22	3,370.00	TON		\$	
0970	00214		CL3 ASPH BASE 1.00D PG64-22	1,564.00	TON		\$	
0980	00301		CL2 ASPH SURF 0.38D PG64-22	596.00	TON		\$	
0990	00336		CL3 ASPH SURF 0.38A PG76-22	397.00	TON		\$	
1000	02069		JPC PAVEMENT-10 IN	88,155.00	SQYD		\$	
1010	02101		CEM CONC ENT PAVEMENT-8 IN	38.00	SQYD		\$	
1020	10203ND		PAVEMENT ADJUSTMENT(CONCRETE)	1.00	LS	316,719.00	\$	\$316,719.00



**PROPOSAL BID ITEMS**

Report Date 4/15/13

**Section: 0003 - PAVING (ASPHALT ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1030	00001		DGA BASE	57,360.50	TON		\$	
1040	00013		LIME STABILIZED ROADBED	166,793.90	SQYD		\$	
1050	00014		LIME	2,828.10	TON		\$	
1060	00018		DRAINAGE BLANKET-TYPE II-ASPH	25,144.20	TON		\$	
1070	00020		TRAFFIC BOUND BASE	2,000.00	TON		\$	
1080	00022		JPC PAVEMENT DRAINAGE BLANKET	3,596.00	TON		\$	
1090	00214		CL3 ASPH BASE 1.00D PG64-22	35,168.60	TON		\$	
1100	00358		ASPHALT CURING SEAL	333.70	TON		\$	
1110	00388		CL3 ASPH SURF 0.38B PG64-22	7,959.70	TON		\$	
1120	02069		JPC PAVEMENT-10 IN	14,316.40	SQYD		\$	
1130	02084		JPC PAVEMENT-8 IN	119.00	SQYD		\$	
1140	02101		CEM CONC ENT PAVEMENT-8 IN	126.00	SQYD		\$	
1150	02702		SAND FOR BLOTTER	417.10	TON		\$	
1160	10203ND		PAVEMENT ADJUSTMENT(ASPHALT); (REVISED: 4-11-13)	1.00	LS	702,616.00	\$	\$702,616.00

**Section: 0004 - PAVING (CONCRETE ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1170	00001		DGA BASE	35,360.00	TON		\$	
1180	00013		LIME STABILIZED ROADBED	129,219.30	SQYD		\$	
1190	00014		LIME	2,191.00	TON		\$	
1200	00018		DRAINAGE BLANKET-TYPE II-ASPH	5,056.00	TON		\$	
1210	00020		TRAFFIC BOUND BASE	2,000.00	TON		\$	
1220	00022		JPC PAVEMENT DRAINAGE BLANKET	22,731.50	TON		\$	
1230	00214		CL3 ASPH BASE 1.00D PG64-22	7,361.00	TON		\$	
1240	00358		ASPHALT CURING SEAL	258.60	TON		\$	
1250	00388		CL3 ASPH SURF 0.38B PG64-22	1,831.40	TON		\$	
1260	02069		JPC PAVEMENT-10 IN	88,598.00	SQYD		\$	
1270	02084		JPC PAVEMENT-8 IN	119.00	SQYD		\$	
1280	02101		CEM CONC ENT PAVEMENT-8 IN	126.00	SQYD		\$	
1290	02702		SAND FOR BLOTTER	323.20	TON		\$	
1300	10203ND		PAVEMENT ADJUSTMENT(CONCRETE); (REVISED: 4-11-13)	1.00	LS	364,462.00	\$	\$364,462.00

**Section: 0005 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1310	00078		CRUSHED AGGREGATE SIZE NO 2(REVISED: 4-15-13)	17,057.00	TON		\$	
1320	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
1330	01810		STANDARD CURB AND GUTTER	13,750.00	LF		\$	
1340	01811		STANDARD CURB AND GUTTER MOD	3,668.00	LF		\$	
1350	01821		LIP CURB AND GUTTER MOD	294.00	LF		\$	
1360	01825		ISLAND CURB AND GUTTER	13,189.00	LF		\$	
1370	01830		STANDARD INTEGRAL CURB	2,007.00	LF		\$	

**PROPOSAL BID ITEMS**

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1380	01845		ISLAND INTEGRAL CURB	1,991.00	LF		\$	
1390	01904		REMOVE CURB	32.00	LF		\$	
1400	02008		REMOVE ASPHALT MEDIAN	1,200.00	LF		\$	
1410	02014		BARRICADE-TYPE III	12.00	EACH		\$	
1420	02091		REMOVE PAVEMENT	91.00	SQYD		\$	
1430	02159		TEMP DITCH	10,300.00	LF		\$	
1440	02200		ROADWAY EXCAVATION	61,617.00	CUYD		\$	
1450	02203		STRUCTURE EXCAV-UNCLASSIFIED	126.00	CUYD		\$	
1470	02242		WATER	3.00	MGAL		\$	
1480	02429		RIGHT-OF-WAY MONUMENT TYPE 1	93.00	EACH		\$	
1490	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	14.00	EACH		\$	
1500	02483		CHANNEL LINING CLASS II	596.00	TON		\$	
1510	02545		CLEARING AND GRUBBING(11 ACRES)	1.00	LS		\$	
1520	02555		CONCRETE-CLASS B	253.70	CUYD		\$	
1530	02562		TEMPORARY SIGNS	572.00	SQFT		\$	
1540	02585		EDGE KEY	200.00	LF		\$	
1560	02599		FABRIC-GEOTEXTILE TYPE IV(REVISED: 4-15-13)	57,435.00	SQYD		\$	
1570	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	2,660.00	SQYD	\$2.00	\$	\$5,320.00
1580	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
1590	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
1600	02701		TEMP SILT FENCE	10,300.00	LF		\$	
1610	02703		SILT TRAP TYPE A	11.00	EACH		\$	
1620	02704		SILT TRAP TYPE B	11.00	EACH		\$	
1630	02705		SILT TRAP TYPE C	11.00	EACH		\$	
1640	02706		CLEAN SILT TRAP TYPE A	33.00	EACH		\$	
1650	02707		CLEAN SILT TRAP TYPE B	33.00	EACH		\$	
1660	02708		CLEAN SILT TRAP TYPE C	33.00	EACH		\$	
1670	02709		CLEAN TEMP SILT FENCE	30,900.00	LF		\$	
1680	02720		SIDEWALK-4 IN CONCRETE	8,603.00	SQYD		\$	
1690	02726		STAKING	1.00	LS		\$	
1700	04953		TEMP RELOCATION OF SIGNAL HEAD	30.00	EACH		\$	
1710	05950		EROSION CONTROL BLANKET	4,230.00	SQYD		\$	
1720	05952		TEMP MULCH	53,240.00	SQYD		\$	
1730	05953		TEMP SEEDING AND PROTECTION	22,600.00	SQYD		\$	
1740	05966		TOPDRESSING FERTILIZER	3.00	TON		\$	
1750	05985		SEEDING AND PROTECTION	53,240.00	SQYD		\$	
1760	05989		SPECIAL SEEDING CROWN VETCH	506.00	SQYD		\$	
1770	05990		SODDING	17,386.00	SQYD		\$	
1780	06510		PAVE STRIPING-TEMP PAINT-4 IN	61,645.00	LF		\$	
1790	06530		PAVE STRIPING REMOVAL-4 IN	14,328.00	LF		\$	
1800	06588		PAVEMENT MARKER TY IVA-BY TEMP	470.00	EACH		\$	
1810	08100		CONCRETE-CLASS A	2,037.00	CUYD		\$	
1820	20063EN9T		DRY-LAID ROCK FENCE	422.00	LF		\$	
1830	20100ES842		PAVE MARK TEMP PAINT LINE ARROW	54.00	EACH		\$	
1840	20189NS835		INSTALL LED SIGNAL-5 SECTION	2.00	EACH		\$	
1850	20418ED		REMOVE & RELOCATE SIGNS	1.00	EACH		\$	
1860	21373ND		REMOVE SIGN	15.00	EACH		\$	
1870	23010EN		PAVE MARK TEMP PAINT STOP BAR-24 IN	470.00	LF		\$	
1880	23131ER701		PIPELINE VIDEO INSPECTION	6,804.00	LF		\$	
1890	23158ES505		DETECTABLE WARNINGS	1,577.00	SQFT		\$	



**PROPOSAL BID ITEMS**

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1900	23539EC		BRIDGE RAIL	355.00	LF		\$	

**Section: 0006 - ROADWAY (ASPHALT ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1910	01081		STEEL ENCASEMENT PIPE-24 IN	210.00	LF		\$	
1920	01792		ADJUST MANHOLE	2.00	EACH		\$	
1930	01810		STANDARD CURB AND GUTTER	22,543.00	LF		\$	
1940	01825		ISLAND CURB AND GUTTER	19,548.00	LF		\$	
1950	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	12.00	EACH		\$	
1960	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	12.00	EACH		\$	
1970	02001		CURB TO BARRIER WALL TRANS	8.00	EACH		\$	
1980	02014		BARRICADE-TYPE III	34.00	EACH		\$	
1990	02091		REMOVE PAVEMENT	1,694.00	SQYD		\$	
2000	02159		TEMP DITCH	16,000.00	LF		\$	
2010	02183		CONTAMINATED SOIL DISPOSAL	50.00	CUYD		\$	
2020	02203		STRUCTURE EXCAV-UNCLASSIFIED	58.00	CUYD		\$	
2030	02223		GRANULAR EMBANKMENT	7,000.00	CUYD		\$	
2040	02230		EMBANKMENT IN PLACE	683,072.00	CUYD		\$	
2050	02242		WATER	1,516.00	MGAL		\$	
2060	02262		FENCE-WOVEN WIRE TYPE 1	16,109.00	LF		\$	
2070	02351		GUARDRAIL-STEEL W BEAM-S FACE	2,071.00	LF		\$	
2080	02360		GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH		\$	
2090	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH		\$	
2100	02367		GUARDRAIL END TREATMENT TYPE 1	8.00	EACH		\$	
2110	02432		WITNESS POST	67.00	EACH		\$	
2120	02483		CHANNEL LINING CLASS II	1,885.00	TON		\$	
2130	02484		CHANNEL LINING CLASS III	333.00	TON		\$	
2140	02545		CLEARING AND GRUBBING(90 ACRES)	1.00	LS		\$	
2150	02555		CONCRETE-CLASS B	308.00	CUYD		\$	
2160	02562		TEMPORARY SIGNS	660.50	SQFT		\$	
2170	02596		FABRIC-GEOTEXTILE TYPE I	1,000.00	SQYD		\$	
2180	02598		FABRIC-GEOTEXTILE TYPE III	11,500.00	SQYD		\$	
2190	02599		FABRIC-GEOTEXTILE TYPE IV	18,100.00	SQYD		\$	
2200	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	107,800.00	SQYD	\$2.00	\$	\$215,600.00
2210	02611		HANDRAIL-TYPE A-1	304.00	LF		\$	
2220	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
2230	02671		PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH		\$	
2240	02692		SETTLEMENT PLATFORM	2.00	EACH		\$	
2250	02701		TEMP SILT FENCE	16,000.00	LF		\$	
2260	02703		SILT TRAP TYPE A	48.00	EACH		\$	
2270	02704		SILT TRAP TYPE B(TO BE USED AS PERMANENT WATER QUALITY FEATURE)	43.00	EACH		\$	
2280	02704		SILT TRAP TYPE B	48.00	EACH		\$	
2290	02705		SILT TRAP TYPE C	48.00	EACH		\$	
2300	02706		CLEAN SILT TRAP TYPE A	144.00	EACH		\$	
2310	02707		CLEAN SILT TRAP TYPE B	144.00	EACH		\$	

**PROPOSAL BID ITEMS**

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
2320	02708		CLEAN SILT TRAP TYPE C	144.00	EACH		\$	
2330	02709		CLEAN TEMP SILT FENCE	48,000.00	LF		\$	
2340	02719		SIDEWALK-4 1/2 INCH CONCRETE	15,006.00	SQYD		\$	
2350	02726		STAKING	1.00	LS		\$	
2360	03340		STEEL PIPE-2 1/2 IN	84.00	LF		\$	
2370	03343		STEEL PIPE-4 IN	80.00	LF		\$	
2380	05950		EROSION CONTROL BLANKET	23,812.00	SQYD		\$	
2390	05952		TEMP MULCH	426,987.00	SQYD		\$	
2400	05953		TEMP SEEDING AND PROTECTION	15,998.00	SQYD		\$	
2410	05966		TOPDRESSING FERTILIZER	17.00	TON		\$	
2420	05985		SEEDING AND PROTECTION	319,943.00	SQYD		\$	
2430	05989		SPECIAL SEEDING CROWN VETCH	7,010.00	SQYD		\$	
2440	05990		SODDING	13,615.00	SQYD		\$	
2450	06510		PAVE STRIPING-TEMP PAINT-4 IN	69,292.00	LF		\$	
2460	06514		PAVE STRIPING-PERM PAINT-4 IN(YELLOW)	28,769.00	LF		\$	
2470	06514		PAVE STRIPING-PERM PAINT-4 IN(WHITE)	40,523.00	LF		\$	
2480	06565		PAVE MARKING-THERMO X-WALK-6 IN	1,521.00	LF		\$	
2490	06568		PAVE MARKING-THERMO STOP BAR-24IN	335.00	LF		\$	
2500	06573		PAVE MARKING-THERMO STR ARROW	35.00	EACH		\$	
2510	06574		PAVE MARKING-THERMO CURV ARROW	101.00	EACH		\$	
2520	06576		PAVE MARKING-THERMO ONLY	36.00	EACH		\$	
2530	20430ED		SAW CUT	160.00	LF		\$	
2540	20782NS714		PAVE MARKING THERMO-BIKE	35.00	EACH		\$	
2550	23131ER701		PIPELINE VIDEO INSPECTION	10,633.00	LF		\$	
2560	23769EC		ROCK FENCE	485.00	LF		\$	
2570	23791EC		PAVE STRIPING-CHEVRON MARKINGS	331.00	SQFT		\$	
2580	24540		R/W MONUMENT TYPE 3	80.00	EACH		\$	
2590	24576EN		LFUCG CURB AND GUTTER TYPE I	735.00	LF		\$	
2600	24580EC		CHAIN LINK FENCE(3 FOOT TALL)	110.00	LF		\$	

**Section: 0007 - ROADWAY (CONCRETE ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
2610	01081		STEEL ENCASEMENT PIPE-24 IN	210.00	LF		\$	
2620	01792		ADJUST MANHOLE	2.00	EACH		\$	
2630	01810		STANDARD CURB AND GUTTER	2,668.00	LF		\$	
2640	01825		ISLAND CURB AND GUTTER	1,119.00	LF		\$	
2650	01830		STANDARD INTEGRAL CURB	19,875.00	LF		\$	
2660	01845		ISLAND INTEGRAL CURB	18,429.00	LF		\$	
2670	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	12.00	EACH		\$	
2680	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	12.00	EACH		\$	
2690	02001		CURB TO BARRIER WALL TRANS	8.00	EACH		\$	
2700	02014		BARRICADE-TYPE III	34.00	EACH		\$	
2710	02091		REMOVE PAVEMENT	1,694.00	SQYD		\$	
2720	02159		TEMP DITCH	16,000.00	LF		\$	
2730	02183		CONTAMINATED SOIL DISPOSAL	50.00	CUYD		\$	
2740	02203		STRUCTURE EXCAV-UNCLASSIFIED	58.00	CUYD		\$	

**PROPOSAL BID ITEMS**

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
2750	02223		GRANULAR EMBANKMENT	7,000.00	CUYD		\$	
2760	02230		EMBANKMENT IN PLACE	685,105.00	CUYD		\$	
2770	02242		WATER	1,516.00	MGAL		\$	
2780	02262		FENCE-WOVEN WIRE TYPE 1	16,109.00	LF		\$	
2790	02351		GUARDRAIL-STEEL W BEAM-S FACE	2,071.00	LF		\$	
2800	02360		GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH		\$	
2810	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH		\$	
2820	02367		GUARDRAIL END TREATMENT TYPE 1	8.00	EACH		\$	
2830	02432		WITNESS POST	67.00	EACH		\$	
2840	02483		CHANNEL LINING CLASS II	1,885.00	TON		\$	
2850	02484		CHANNEL LINING CLASS III	333.00	TON		\$	
2860	02545		CLEARING AND GRUBBING(90 ACRES)	1.00	LS		\$	
2870	02555		CONCRETE-CLASS B	308.00	CUYD		\$	
2880	02562		TEMPORARY SIGNS	660.50	SQFT		\$	
2890	02596		FABRIC-GEOTEXTILE TYPE I	1,000.00	SQYD		\$	
2900	02598		FABRIC-GEOTEXTILE TYPE III	11,500.00	SQYD		\$	
2910	02599		FABRIC-GEOTEXTILE TYPE IV	18,100.00	SQYD		\$	
2920	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	107,800.00	SQYD	\$2.00	\$	\$215,600.00
2930	02611		HANDRAIL-TYPE A-1	304.00	LF		\$	
2940	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
2950	02671		PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH		\$	
2960	02692		SETTLEMENT PLATFORM	2.00	EACH		\$	
2970	02701		TEMP SILT FENCE	16,000.00	LF		\$	
2980	02703		SILT TRAP TYPE A	48.00	EACH		\$	
2990	02704		SILT TRAP TYPE B(TO BE USED AS PERMANENT WATER QUALITY FEATURE)	43.00	EACH		\$	
3000	02704		SILT TRAP TYPE B	48.00	EACH		\$	
3010	02705		SILT TRAP TYPE C	48.00	EACH		\$	
3020	02706		CLEAN SILT TRAP TYPE A	144.00	EACH		\$	
3030	02707		CLEAN SILT TRAP TYPE B	144.00	EACH		\$	
3040	02708		CLEAN SILT TRAP TYPE C	144.00	EACH		\$	
3050	02709		CLEAN TEMP SILT FENCE	48,000.00	LF		\$	
3060	02719		SIDEWALK-4 1/2 INCH CONCRETE	15,006.00	SQYD		\$	
3070	02726		STAKING	1.00	LS		\$	
3080	03340		STEEL PIPE-2 1/2 IN	84.00	LF		\$	
3090	03343		STEEL PIPE-4 IN	80.00	LF		\$	
3100	05950		EROSION CONTROL BLANKET	23,812.00	SQYD		\$	
3110	05952		TEMP MULCH	426,987.00	SQYD		\$	
3120	05953		TEMP SEEDING AND PROTECTION	15,998.00	SQYD		\$	
3130	05966		TOPDRESSING FERTILIZER	17.00	TON		\$	
3140	05985		SEEDING AND PROTECTION	319,943.00	SQYD		\$	
3150	05989		SPECIAL SEEDING CROWN VETCH	7,010.00	SQYD		\$	
3160	05990		SODDING	13,615.00	SQYD		\$	
3170	06510		PAVE STRIPING-TEMP PAINT-4 IN	69,292.00	LF		\$	
3180	06514		PAVE STRIPING-PERM PAINT-4 IN(YELLOW)	28,769.00	LF		\$	
3190	06514		PAVE STRIPING-PERM PAINT-4 IN(WHITE)	40,523.00	LF		\$	
3200	06565		PAVE MARKING-THERMO X-WALK-6 IN	1,521.00	LF		\$	
3210	06568		PAVE MARKING-THERMO STOP BAR-24IN	335.00	LF		\$	
3220	06573		PAVE MARKING-THERMO STR ARROW	35.00	EACH		\$	
3230	06574		PAVE MARKING-THERMO CURV ARROW	101.00	EACH		\$	



**PROPOSAL BID ITEMS**

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3240	06576		PAVE MARKING-THERMO ONLY	36.00	EACH		\$	
3250	20430ED		SAW CUT	160.00	LF		\$	
3260	20782NS714		PAVE MARKING THERMO-BIKE	35.00	EACH		\$	
3270	23131ER701		PIPELINE VIDEO INSPECTION	10,633.00	LF		\$	
3280	23769EC		ROCK FENCE	485.00	LF		\$	
3290	23791EC		PAVE STRIPING-CHEVRON MARKINGS	331.00	SQFT		\$	
3300	24540		R/W MONUMENT TYPE 3	80.00	EACH		\$	
3310	24576EN		LFUCG CURB AND GUTTER TYPE I	735.00	LF		\$	
3320	24580EC		CHAIN LINK FENCE(3 FOOT TALL)	110.00	LF		\$	

**Section: 0008 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3330	00078		CRUSHED AGGREGATE SIZE NO 2	15.00	TON		\$	
3340	00440		ENTRANCE PIPE-15 IN	53.00	LF		\$	
3350	00441		ENTRANCE PIPE-18 IN	78.00	LF		\$	
3360	00460		CULVERT PIPE-12 IN	66.00	LF		\$	
3370	00461		CULVERT PIPE-15 IN	27.00	LF		\$	
3380	00462		CULVERT PIPE-18 IN	394.00	LF		\$	
3390	00464		CULVERT PIPE-24 IN	153.00	LF		\$	
3400	00466		CULVERT PIPE-30 IN	196.00	LF		\$	
3410	00468		CULVERT PIPE-36 IN	522.00	LF		\$	
3420	00469		CULVERT PIPE-42 IN	438.00	LF		\$	
3430	00472		CULVERT PIPE-60 IN	55.00	LF		\$	
3440	00521		STORM SEWER PIPE-15 IN	15,503.50	LF		\$	
3450	00522		STORM SEWER PIPE-18 IN	8,434.50	LF		\$	
3460	00524		STORM SEWER PIPE-24 IN	2,063.50	LF		\$	
3470	00526		STORM SEWER PIPE-30 IN	1,879.00	LF		\$	
3480	00532		STORM SEWER PIPE-60 IN	167.00	LF		\$	
3490	00552		STORM SEWER PIPE-18 IN EQUIV	198.00	LF		\$	
3500	00553		STORM SEWER PIPE-21 IN EQUIV	16.00	LF		\$	
3510	00558		STORM SEWER PIPE-36 IN EQUIV	29.00	LF		\$	
3520	01000		PERFORATED PIPE-4 IN	19,041.00	LF		\$	
3530	01010		NON-PERFORATED PIPE-4 IN	180.00	LF		\$	
3540	01011		NON-PERFORATED PIPE-6 IN	14.00	LF		\$	
3550	01020		PERF PIPE HEADWALL TY 1-4 IN	4.00	EACH		\$	
3560	01024		PERF PIPE HEADWALL TY 2-4 IN	2.00	EACH		\$	
3570	01028		PERF PIPE HEADWALL TY 3-4 IN	10.00	EACH		\$	
3580	01200		PIPE CULVERT HEADWALL-12 IN	1.00	EACH		\$	
3590	01202		PIPE CULVERT HEADWALL-15 IN	3.00	EACH		\$	
3600	01208		PIPE CULVERT HEADWALL-24 IN	2.00	EACH		\$	
3610	01210		PIPE CULVERT HEADWALL-30 IN	1.00	EACH		\$	
3620	01432		SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH		\$	
3630	01433		SLOPED BOX OUTLET TYPE 1-18 IN	1.00	EACH		\$	
3640	01450		S & F BOX INLET-OUTLET-18 IN	3.00	EACH		\$	
3650	01452		S & F BOX INLET-OUTLET-30 IN	1.00	EACH		\$	
3660	01456		CURB BOX INLET TYPE A	95.00	EACH		\$	
3670	01480		CURB BOX INLET TYPE B	92.00	EACH		\$	
3680	01490		DROP BOX INLET TYPE 1	6.00	EACH		\$	

**PROPOSAL BID ITEMS**

Report Date 4/15/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3690	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
3700	01496		DROP BOX INLET TYPE 3	4.00	EACH		\$	
3710	01499		DROP BOX INLET TYPE 4	1.00	EACH		\$	
3720	01502		DROP BOX INLET TYPE 5A	11.00	EACH		\$	
3730	01511		DROP BOX INLET TYPE 5D	1.00	EACH		\$	
3740	01517		DROP BOX INLET TYPE 5F	1.00	EACH		\$	
3750	01544		DROP BOX INLET TYPE 11	3.00	EACH		\$	
3760	01584		CAP DROP BOX INLET	1.00	EACH		\$	
3770	01641		JUNCTION BOX-15 IN	6.00	EACH		\$	
3780	01642		JUNCTION BOX-18 IN	5.00	EACH		\$	
3790	01643		JUNCTION BOX-24 IN	1.00	EACH		\$	
3800	01644		JUNCTION BOX-30 IN	1.00	EACH		\$	
3810	01719		ADJUST INLET	1.00	EACH		\$	
3820	01740		CORED HOLE DRAINAGE BOX CON-4 IN	68.00	EACH		\$	
3830	01756		MANHOLE TYPE A	5.00	EACH		\$	
3840	01767		MANHOLE TYPE C	5.00	EACH		\$	
3850	08100		CONCRETE-CLASS A	35.40	CUYD		\$	
3860	08150		STEEL REINFORCEMENT	2,254.00	LB		\$	
3870	23274EN11F		TURF REINFORCEMENT MAT 1	23.70	SQYD		\$	
3880	24577EN		STORMCEPTOR(4800)	3.00	EACH		\$	
3890	24577EN		STORMCEPTOR(900)	5.00	EACH		\$	
3900	24577EN		STORMCEPTOR(450I)	4.00	EACH		\$	

**PROPOSAL BID ITEMS**

Report Date 4/15/13

**Section: 0009 - BRIDGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
3910	02231		STRUCTURE GRANULAR BACKFILL	3,340.00	CUYD		\$	
3920	02998		MASONRY COATING	3,033.00	SQYD		\$	
3930	03299		ARMORED EDGE FOR CONCRETE	298.20	LF		\$	
3940	04797		CONDUIT-3 IN	532.00	LF		\$	
3950	04810		ELECTRICAL JUNCTION BOX	2.00	EACH		\$	
3960	08001		STRUCTURE EXCAVATION-COMMON	1,816.00	CUYD		\$	
3970	08002		STRUCTURE EXCAV-SOLID ROCK	547.00	CUYD		\$	
3980	08004		STONE MASONRY VENEER	11,078.00	SQFT		\$	
3990	08016		REINF CONC SLOPE WALL-6 IN	1,915.00	SQYD		\$	
4000	08019		CYCLOPEAN STONE RIP RAP	435.00	TON		\$	
4010	08033		TEST PILES	200.00	LF		\$	
4020	08046		PILES-STEEL HP12X53	1,811.00	LF		\$	
4030	08094		PILE POINTS-12 IN	44.00	EACH		\$	
4040	08100		CONCRETE-CLASS A	1,912.00	CUYD		\$	
4050	08104		CONCRETE-CLASS AA	1,575.00	CUYD		\$	
4060	08150		STEEL REINFORCEMENT	259,178.00	LB		\$	
4070	08151		STEEL REINFORCEMENT-EPOXY COATED	310,997.00	LB		\$	
4080	08160		STRUCTURAL STEEL(25308)	1.00	LS		\$	
4090	08160		STRUCTURAL STEEL(25974)	1.00	LS		\$	
4100	08256		HANDRAIL-METAL	138.40	LF		\$	
4110	08269		ELECTRICAL CONDUIT(25974)	1.00	LS		\$	
4120	08500		APPROACH SLAB	412.00	SQYD		\$	
4130	08634		PRECAST PC I BEAM TYPE 4	4,072.00	LF		\$	
4140	08711		BRIDGE CHAIN LINK FENCE-6 FT	482.00	LF		\$	
4150	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	
4160	21432NC		CONCRETE FORMLINER	3,890.00	SQFT		\$	
4170	21679EN		FIBERGLASS DRAIN PIPE	12.00	LF		\$	
4180	24088EC		COFFERDAM ADJACENT TO RAILROAD	4.00	EACH		\$	
4190	24565ED		PRECAST FASCIA PANELS(25974)	1.00	LS		\$	

**Section: 0010 - SEWER**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0131	01063		STEEL ENCASMENT PIPE-6 IN(ADDED: 4-15-13)	1,746.50	LF		\$	
0140	01067		STEEL ENCASMENT PIPE-10 IN(OPEN CUT)	125.00	LF		\$	
0150	03382		PVC PIPE-3 IN(SD21)	175.00	LF		\$	
0160	03572		BEND AND BLOCK(PVC-3 IN THRUST)	6.00	EACH		\$	
0170	20371EC		CUT AND CAP SANITARY SEWER(3 IN FM)	2.00	EACH		\$	
0171	23532EC		INSTALL MANHOLE(ADDED: 4-15-13)	3.00	EACH		\$	



**PROPOSAL BID ITEMS**

Report Date 4/15/13

**Section: 0011 - SIGNING & STRIPING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0180	06406		SBM ALUM SHEET SIGNS .080 IN	515.00	SQFT		\$	
0190	06407		SBM ALUM SHEET SIGNS .125 IN	48.00	SQFT		\$	
0200	06411		STEEL POST TYPE 2	690.00	LF		\$	
0210	06514		PAVE STRIPING-PERM PAINT-4 IN	40,316.00	LF		\$	
0220	06565		PAVE MARKING-THERMO X-WALK-6 IN	4,667.00	LF		\$	
0230	06568		PAVE MARKING-THERMO STOP BAR-24IN	1,188.00	LF		\$	
0240	06569		PAVE MARKING-THERMO CROSS-HATCH	3,529.00	SQFT		\$	
0250	06574		PAVE MARKING-THERMO CURV ARROW	94.00	EACH		\$	
0260	06575		PAVE MARKING-THERMO COMB ARROW	4.00	EACH		\$	
0270	06589		PAVEMENT MARKER TYPE V-MW	502.00	EACH		\$	
0280	06591		PAVEMENT MARKER TYPE V-BY	37.00	EACH		\$	
0290	20782NS714		PAVE MARKING THERMO-BIKE	50.00	EACH		\$	
0300	23260EC		PAVE MARK-THERMO-24 IN Y	234.00	LF		\$	
0310	24386EC		PAVE MARKING THERMO-BIKE LANE ARROW	50.00	EACH		\$	

**Section: 0012 - SIGNALIZATION (ASPHALT ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0320	04792		CONDUIT-1 IN	441.00	LF		\$	
0330	04793		CONDUIT-1 1/4 IN	964.00	LF		\$	
0340	04795		CONDUIT-2 IN	789.00	LF		\$	
0350	04811		ELECTRICAL JUNCTION BOX TYPE B	19.00	EACH		\$	
0360	04820		TRENCHING AND BACKFILLING	2,193.00	LF		\$	
0370	04830		LOOP WIRE	9,102.00	LF		\$	
0380	04845		CABLE-NO. 14/7C	12,611.00	LF		\$	
0390	04850		CABLE-NO. 14/1 PAIR	14,668.00	LF		\$	
0400	04885		MESSENGER-10800 LB	2,725.00	LF		\$	
0410	04894		PREFORMED LOOP/LEAD-IN	932.00	LF		\$	
0420	04895		LOOP SAW SLOT AND FILL	3,184.00	LF		\$	
0430	04932		INSTALL STEEL STRAIN POLE	20.00	EACH		\$	
0440	04950		REMOVE SIGNAL EQUIPMENT	4.00	EACH		\$	
0450	20093NS835		INSTALL PEDESTRIAN HEAD-LED	34.00	EACH		\$	
0460	20188NS835		INSTALL LED SIGNAL-3 SECTION	38.00	EACH		\$	
0470	20266ES835		INSTALL LED SIGNAL- 4 SECTION	13.00	EACH		\$	
0480	20452ES835		PREFORMED LOOPS	192.00	LF		\$	
0490	20453ES835		PREFORMED QUADRAPOLE LOOPS	1,326.00	LF		\$	
0500	20455NS835		VIDEO CAMERA	16.00	EACH		\$	
0510	21134ND		REMOVE-STORE AND REINSTALL SIGN	14.00	EACH		\$	
0520	21743NN		INSTALL PEDESTRIAN DETECTOR	34.00	EACH		\$	
0530	23157EN		TRAFFIC SIGNAL POLE BASE	99.95	CUYD		\$	
0540	23206EC		INSTALL CONTROLLER CABINET	5.00	EACH		\$	
0550	24555ED		SIGNAL CONTROLLER	5.00	EACH		\$	

**PROPOSAL BID ITEMS**

Report Date 4/15/13

**Section: 0013 - SIGNALIZATION (CONCRETE ALTERNATE)**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0560	04792		CONDUIT-1 IN	717.00	LF		\$	
0570	04793		CONDUIT-1 1/4 IN	964.00	LF		\$	
0580	04795		CONDUIT-2 IN	789.00	LF		\$	
0590	04811		ELECTRICAL JUNCTION BOX TYPE B	19.00	EACH		\$	
0600	04820		TRENCHING AND BACKFILLING	2,193.00	LF		\$	
0610	04845		CABLE-NO. 14/7C	12,611.00	LF		\$	
0620	04850		CABLE-NO. 14/1 PAIR	14,668.00	LF		\$	
0630	04885		MESSENGER-10800 LB	2,725.00	LF		\$	
0640	04894		PREFORMED LOOP/LEAD-IN	2,302.00	LF		\$	
0650	04932		INSTALL STEEL STRAIN POLE	20.00	EACH		\$	
0660	04950		REMOVE SIGNAL EQUIPMENT	4.00	EACH		\$	
0670	20093NS835		INSTALL PEDESTRIAN HEAD-LED	34.00	EACH		\$	
0680	20188NS835		INSTALL LED SIGNAL-3 SECTION	38.00	EACH		\$	
0690	20266ES835		INSTALL LED SIGNAL- 4 SECTION	13.00	EACH		\$	
0700	20452ES835		PREFORMED LOOPS	528.00	LF		\$	
0710	20453ES835		PREFORMED QUADRAPOLE LOOPS	3,264.00	LF		\$	
0720	20455NS835		VIDEO CAMERA	16.00	EACH		\$	
0730	21134ND		REMOVE-STORE AND REINSTALL SIGN	14.00	EACH		\$	
0740	21743NN		INSTALL PEDESTRIAN DETECTOR	34.00	EACH		\$	
0750	23157EN		TRAFFIC SIGNAL POLE BASE	99.95	CUYD		\$	
0760	23206EC		INSTALL CONTROLLER CABINET	5.00	EACH		\$	
0770	24555ED		SIGNAL CONTROLLER	5.00	EACH		\$	

**Section: 0014 - LIGHTING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0780	04740		POLE BASE	101.00	EACH		\$	
0790	04795		CONDUIT-2 IN	46,869.00	LF		\$	
0800	04810		ELECTRICAL JUNCTION BOX	21.00	EACH		\$	
0810	04820		TRENCHING AND BACKFILLING	45,030.00	LF		\$	
0820	04821		OPEN CUT ROADWAY	115.00	LF		\$	
0830	04940		REMOVE LIGHTING	1.00	LS		\$	
0840	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	9.00	EACH		\$	
0850	21543EN		BORE AND JACK CONDUIT	1,721.00	LF		\$	

**Section: 0015 - TRAINEES**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0860	02742		TRAINEE PAYMENT REIMBURSEMENT(1 TRUCK DRIVER)	1,400.00	HOUR		\$	
0870	02742		TRAINEE PAYMENT REIMBURSEMENT(1 CLASS B OPERATOR)	1,400.00	HOUR		\$	

# PROPOSAL BID ITEMS

Report Date 4/15/13

## Section: 0016 - MOBILIZATION / DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0880	02568		MOBILIZATION	1.00	LS		\$	
0890	02569		DEMOBILIZATION	1.00	LS		\$	