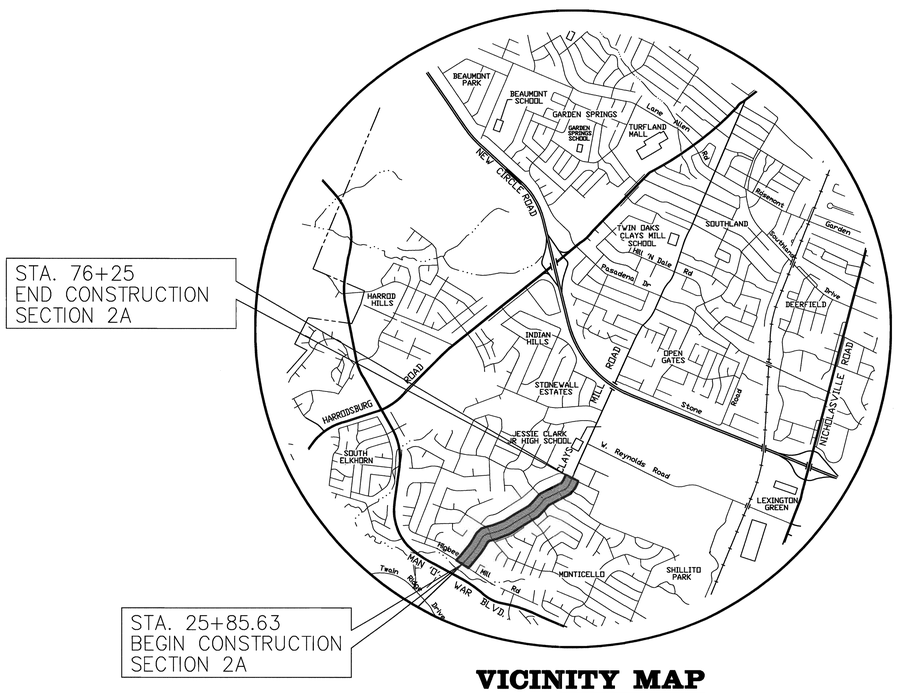
CLAYS MILL ROAD IMPROVEMENTS SECTION 2A

LEXINGTON, KENTUCKY



VICINITY MAP

NOT TO SCALE

SHEET INDEX

R-1	COVER SHEET
R-2, R-2A	TYPICAL SECTIONS
R-2B	QUANTITIES, GENERAL NOTES, LEGEND & STANDARD DRAWINGS
R-3 - R-12	PLAN & PROFILE SHEETS
R-13	RIGHT OF WAY SUMMARY SHEET
R-14 - R-16	MAINTAINENANCE OF TRAFFIC
R-17 - R-19	STRIPING PLANS
E-1 - E-2	EROSION CONTROL
LD-1	LANDSCAPE DETAILS
LR-1- LR-3	RETAINING WALL ELEVATIONS
LP-1- LP-4	LANDSCAPE PLANS
L-1 - L-6	STREET LIGHTING (CONDUIT AND PULL BOXES ONLY)
S-1- S-3	STRUCTURE PLANS
T-1 - T-15	SIGNAL AND SIGNS
X1 - X38	CROSS SECTIONS, PIPE SHEETS, APPROACH PROFILES & ENTRANCE PROFILES

Prepared By:

cdpengineers

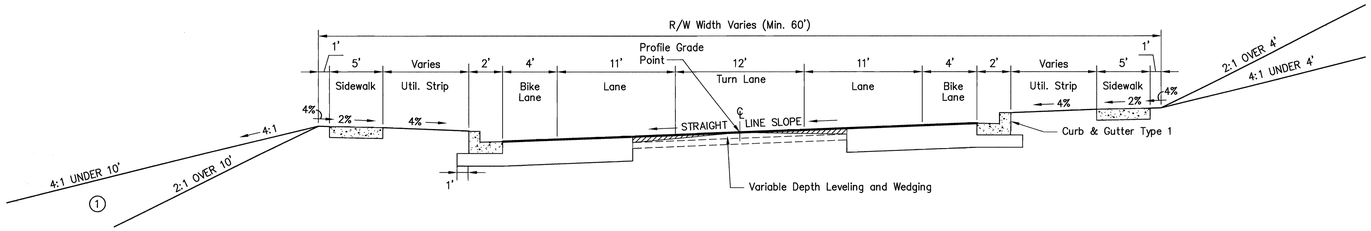
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

DECEMBER, 2010

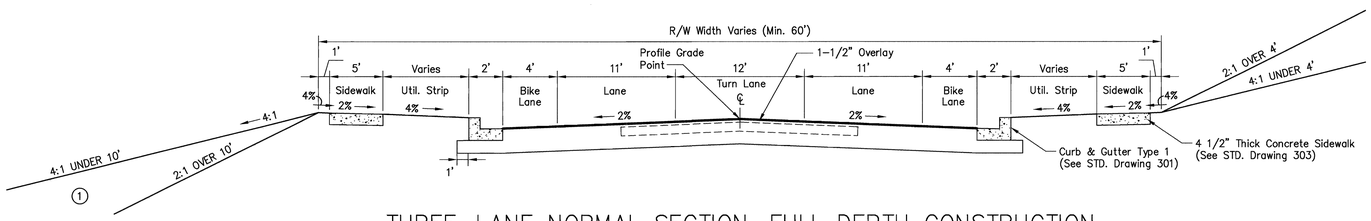
STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED
PROFESSIONAL ENGINEER

Nov. 30, 2010

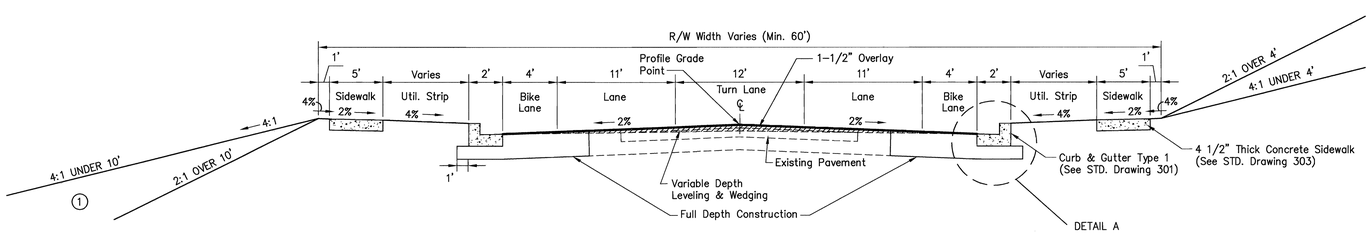
CLAYS MILL ROAD TYPICAL SECTIONS



THREE–LANE SUPERELEVATED SECTION
(11' RIGHT TURN LANES ADDED WHERE WARRANTED)
STA. 36+19.79 – 39+68.60
STA. 69+50 – 72+00
NOT TO SCALE



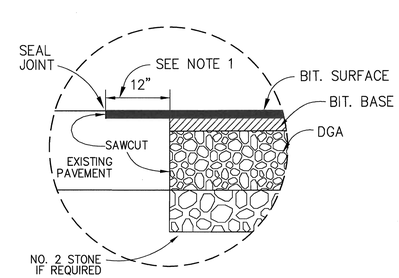
THREE–LANE NORMAL SECTION, FULL DEPTH CONSTRUCTION
(11' RIGHT TURN LANES ADDED WHERE WARRANTED)
NOT TO SCALE



THREE–LANE NORMAL SECTION, WIDEN & OVERLAY CONSTRUCTION
(11' RIGHT TURN LANES ADDED WHERE WARRANTED)
STA. 25+85.63 – 74+50
NOT TO SCALE

NOTES:

1. ALL SAW–CUTS SHALL BE NEAT AND STRAIGHT. SAW CUTS SHALL BE A MINIMUM OF 1' FROM OUTSIDE EDGE OF PAVEMENT. IN AREAS WHERE PROPOSED PAVEMENT WIDENING IS LESS THAN 4' FROM SAW CUT EDGE, SAW CUT OF THE EXISTING PAVEMENT WILL BE LOCATED TO PROVIDE NO LESS THAN A 5' STRIP OF PROPOSED PAVEMENT. ALL INTERSECTION TIE–INS WILL HAVE SIMILAR SAW CUT DISTANCES ALONG THE RADII OF EXISTING PAVEMENT. SEE TABLE 2 FOR STATION RANGES WHERE ADDITIONAL SAW CUT WIDTH IS IDENTIFIED. OTHER AREAS NOT LISTED IN TABLE 1 MAY REQUIRE ADDITIONAL SAW CUTTING TO BE VERIFIED IN THE FIELD.
2. AT APPROACH TIE–INS, SAW CUT AND INSTALL EDGE KEY AT ALL LOCATIONS WHERE NEW PAVEMENT MATCHES EXISTING PAVEMENT.
3. SEAL JOINTS WITH RUBBERIZED HOT POUR CRACK SEALANT.
4. IMMEDIATELY BEFORE LAYING NEW BITUMINOUS COURSES, ALL SAW CUT EDGES SHALL BE CLEANED OF DUST DEBRIS AND SPRAYED WITH A BITUMINOUS TACK COAT.



DETAIL – EDGE KEY
Not To Scale

NOTES

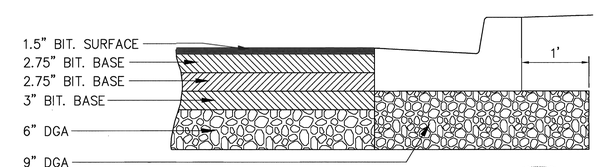
1. SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE RIGHT OF WAY
2. CONTRACTOR SHALL CONSTRUCT VARIABLE DEPTH LEVELING AND WEDGING TO MEET DESIGN PAVEMENT SLOPES (SUPERELEVATION OR NORMAL 2" CROWN) AS SHOWN ON CROSS SECTIONS.
3. SEE CROSS SECTIONS FOR LOCATIONS OF VARIABLE DEPTH OVERLAY AND TABLE 1 (THIS SHEET) FOR FULL DEPTH CONSTRUCTION LOCATIONS.

TABLE 1 – FULL DEPTH CONSTRUCTION LOCATIONS

STA. 35+00 TO STA. 43+25
STA. 51+00 TO STA. 54+00
STA. 60+25 TO STA. 63+00

NEW CONSTRUCTION : GRADE, DRAIN, & FLEXIBLE PAVEMENT
USING

6" DENSE GRADED AGGREGATE BASE
8.5" CL2 BIT. BASE 0.75D PG64–22 (3", 2.75", & 2.75" COURSES)
1.50" CL2 BIT. SURFACE 0.38B PG64–22



DETAIL A

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED
PROFESSIONAL ENGINEER

Nov. 30, 2010

TABLE 2 – ADDITIONAL SAW CUTTING AREAS	
LT STA 11+00 – 13+60	
LT STA 33+00 – 33+30	
LT STA 67+50 – 68+75	
RT STA 68+35 – 69+30	
RT STA 70+32 – 71+82	

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.294.7500 F 859.294.7501

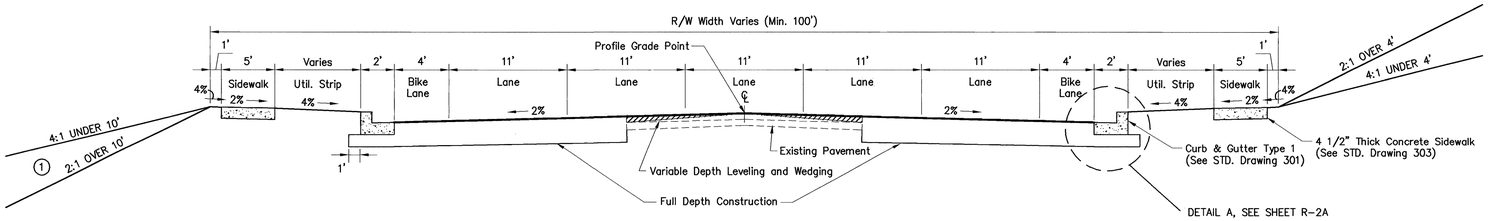
SCALE :	NO SCALE	REV. #	BY:	DATE:
DESIGNED BY :	GFP			
DRAWN BY :	HDP			
CHECKED BY :	JBS			
PROJECT NO :	03055			
DATE :	11–30–10			
CADD DWG ID :	3055–2			

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

TYPICAL SECTIONS
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-2

CLAYS MILL ROAD TYPICAL SECTIONS



FIVE-LANE SECTION (11' LANES)
STA. 25+85.63 – 28+15
(11' RIGHT TURN LANES ADDED WHERE WARRANTED)
NOT TO SCALE

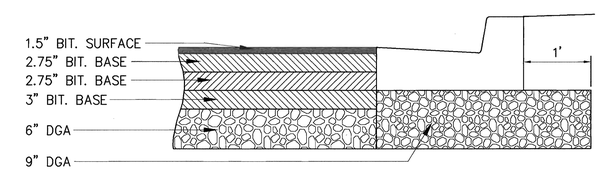
NOTES

1. SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE RIGHT OF WAY
2. CONTRACTOR SHALL CONSTRUCT VARIABLE DEPTH LEVELING AND WEDGING TO MEET DESIGN PAVEMENT SLOPES (SUPERELEVATION OR NORMAL 2% CROWN) AS SHOWN ON CROSS SECTIONS.
3. SEE CROSS SECTIONS FOR LOCATIONS OF VARIABLE DEPTH LEVELING AND WEDGING.
4. PROPOSED CLAYS MILL ROAD SIDEWALK SHALL BE 4' WIDE NORTH OF STATION 188+50 (NORTH OF LANE ALLEN ROAD/ROSEMONT GARDEN INTERSECTION), LEFT AND RIGHT SIDES.
5. 4' MEDIAN STA. 22+26.02 – STA. 25+33.80
   10' MEDIAN STA. 95+40.84 – STA. 97+49.59
   11' MEDIAN STA. 98+68.52 – STA. 100+80.02
6. CENTERLINE AND GRADE POINT VARIES IN RAISED MEDIAN SECTIONS. SEE PLAN AND CROSS SECTIONS

NEW CONSTRUCTION : GRADE, DRAIN, & FLEXIBLE PAVEMENT

USING

6" DENSE GRADED AGGREGATE BASE
8.5" CL2 BIT. BASE 0.75D PG64-22 (3" – 2.75" & 2.75" COURSES)
1.50" CL2 BIT. SURFACE 0.38B PG64-22



DETAIL A

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED PROFESSIONAL ENGINEER

Oct. 1, 2010

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

REV. #	BY:	DATE:

SCALE	NO SCALE
DESIGNED BY	GFP
DRAWN BY	HDP
CHECKED BY	JBS
PROJECT NO	03055
DATE	08-06-10
CADD DWG ID	3055-2A

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

TYPICAL SECTIONS

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-2A

ESTIMATED QUANTITIES
SECTION 2-A (STA 25+85.63 – 76+25)

ITEM NO.	KDOH BID NO.	DESCRIPTION	UNIT	QTY	ITEM NO.	KDOH BID NO.	DESCRIPTION	UNIT	QTY
1	00001	DGA BASE	TN	7438	52	01581	DROP BOX INLET TYPE 16	EA	4
2	00190	LEVELING & WEDGING	TN	4338	53	01756	MANHOLE TYPE A	EA	12
3	00221	CLASS 2 ASPHALT BASE 0.75D PG64-22	TN	6486	54		SIGNALS	LS	1
4	00300	CLASS 1 ASPHALT SURFACE 0.38D PG64-22	TN	2331	55		MAIL BOX PADS ①	EA	2
5	01050	SANITARY SEWER FORCEMAIN-4", SDR 21	LF	99	56		STORMWATER TREATMENT SYSTEM, RT. STA 27+81.21 ②	EA	1
6	01097	SANITARY SEWER DUCTILE IRON PIPE-10"	EA	36	57		WATER QUALITY UNIT, RT. STA 30+08.00 ②	EA	1
7	01792	ADJUST MANHOLE	EA	1	58		HEADWALL FOR 30" PIPE	EA	1
8	01810	STANDARD CURB & GUTTER	LF	9155	59		HEADWALL FOR 42" PIPE	EA	1
9	02101	CEMENT CONCRETE ENTRANCE PAVEMENT, 6"	SY	1708	60		HEADWALL FOR 38"x60"PIPE	EA	1
10	02200	ROADWAY EXCAVATION ④	CY	9944	61		CULVERT EXTENSION (12' X 4')	LS	1
11	02267	REMOVE AND RESET FENCE	LF	109		02403	REMOVE CONCRETE MASONRY (FOR CULVERT) ③	CY	10
12	02483	AGGREGATE CHANNEL LINING	TN	11		08001	STRUCTURE EXCAVATION-COMMON (FOR CULV) ③	CY	12
13	02545	CLEARING & GRUBBING	LS	1		08003	FOUNDATION PREPARATION (FOR CULVERT) ③	LS	1
14	02585	EDGE KEY	LF	7168		08100	CONCRETE-CLASS A (FOR CULVERT) ③	CY	45.7
15		HANDRAIL, TYPE-1	LF	7		08150	STEEL REINFORCEMENT (FOR CULVERT) ③	LB	5680
16	02650	MAINTAIN AND CONTROL TRAFFIC	LS	1	62	02555	CONCRETE-CLASS B (FOR RETAINING WALL)	CY	581
17	02651	DIVERSIONS (BY-PASS DETOURS)	LS	1	63	02556	2'X3' PRECAST CONCRETE CAP (FOR RET WALL)	LF	1040
18	02701	TEMPORARY SILT FENCE	LF	485	64	08004	STONE MASONRY VENEER (FOR RETAINING WALL)	SFT	4969
19	02704	SILT TRAP TYPE B	EA	6	65		42" STEEL GUARDRAIL W/PICKETS (FOR RET WALL)	LF	1040
20	02720	SIDEWALK-4 1/2 INCH CONCRETE	SY	4935	66	03381	PVC PIPE-2 INCH	LF	8510
21	02721	REMOVE CONCRETE SIDEWALK	SY	361	67	04795	CONDUIT-2 INCH (STEEL)	LF	590
22	02726	CONSTRUCTION STAKING	LS	1	68	04810	JUNCTION BOX-ELECTRICAL	EA	38
23	05985	SEEDING AND PROTECTION	SY	5600	69	20268MC	JUNCTION BOX-FIBER OPTIC	EA	23
24	05990	SODDING	SY	10406	70		2" CONDUIT (FIBER OPTIC)	LF	4900
25	06510	PAVEMENT STRIPING, TEMPORARY PAINT – 4"	LF	6600	71	02569	DEMOBILIZATION 1 1/2%	LS	1
26	06514	PAVEMENT STRIPING, PERMANENT PAINT – 4"	LF	28667	72	22399NN	LANDSCAPING	LS	1
27	06566	PAVEMENT MARKING, THERMO CROSS WALK – 12"	LF	384	73		MOBILIZATION 3%	LS	1
28	06568	PAVEMENT MARKING-THERMO STOP BAR 24"	LF	222	74		PUBLIC IMPROVEMENT SIGN	EA	2
29	06570	PAVEMENT MARKING-PAINT CROSS HATCH	SY	68	75		TREE REMOVAL	EA	2
30	06578	PAVEMENT MARKING-PRE THERM MERGE ARROW	EA	4	76		#2 STONE BASE	TN	1000
31	06574	PAVEMENT MARKING-PRE THERM CURVE ARROW	EA	46	77	02690	SAFELOADING	CY	55
32	06588	PAVEMENT MARKER TY IVA-BY TEMP	EA	83	78		PLUG PIPE	EA	2
33	20240ES408	DROP MANHOLE	EA	1	79		CONCRETE STEPS	LS	1
34	20496NS843	SILT TRAP TYPE C	EA	89	80		SIDEWALK RAMPS	EA	24
35	20782NS714	PAVE MARKING THERMO-BIKE	EA	20	81		BONDS (PERFORMANCE & PAYMENT)	LS	1
36		REMOVE AND RESET SIGNS	EA	55	82	01480	CURB BOX INLET TYPE B (LENGTH-15')	EA	2
37	00499	STORM SEWER PIPE – 38"x60"	LF	156	83		ASPHALT SURFACE (TEMPORARY PAVEMENT, DIVERSIONS)	TN	106
38	00521	STORM SEWER PIPE – 15"	LF	2197	84		ASPHALT BASE (TEMPORARY PAVEMENT, DIVERSIONS)	TN	318
39	00522	STORM SEWER PIPE – 18"	LF	2143	85		DGA BASE (TEMPORARY PAVEMENT, DIVERSIONS)	TN	887
40	00524	STORM SEWER PIPE – 24"	LF	1250	86	06575	PAVEMENT MARKING-PRE THERM COMBO ARROW	EA	3
41	00526	STORM SEWER PIPE – 30"	LF	233	87		OVERLAY EDGE KEY	LF	395
42	00528	STORM SEWER PIPE – 36"	LF	260					
43	00529	STORM SEWER PIPE – 42"	LF	109					
44	00530	STORM SEWER PIPE – 48"	LF	344					
45	00556	STORM SEWER PIPE – 29"x45"	LF	51					
46	01433	SLOPED BOX OUTLET TYPE 1-18"	EA	1					
47	01450	S&F BOX INLET-OUTLET-18"	EA	1					
48	01456	CURB BOX INLET TYPE A (LENGTH-10')	EA	54					
49	01456	CURB BOX INLET TYPE A (LENGTH-15')	EA	15					
50	01480	CURB BOX INLET TYPE B (LENGTH-10')	EA	8					
51	01505	SURFACE INLET TYPE B	EA	6					

① LOCATION OF PADS WILL BE ON APPROACH ROADS, LOCATIONS TO BE DETERMINED PRIOR TO CONSTRUCTION. SEE CONTRACT DOCUMENTS & SPECIFICATIONS FOR PAD DETAILS.

② SEE CONTRACT DOCUMENTS & SPECIFICATIONS – PART VIII, TECHNICAL SPECIFICATIONS, SECTION 33 AND GENERAL NOTE 20, THIS SHEET.

③ CULVERT EXTENSION SHALL BE BID AS LUMP SUM. FOOTNOTED QUANTITIES ARE APPROXIMATE AND ARE FOR THE BIDDERS ASSISTANCE. DETERMINATION OF QUANTITIES NEEDED FOR CULVERT EXTENSION ARE THE BIDDERS RESPONSIBILITY. SEE TECHNICAL SPECIFICATIONS, SECTION 43 OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

④ THIS QUANTITY DOES NOT INCLUDE EXCAVATION REQUIRED FOR RETAINING WALLS. EXCAVATION

LFUCG STANDARD DRAWINGS
SEE CONTRACT DOCUMENTS

100	Storm Sewer Manhole Type A
101	Storm Sewer Manhole Type B
102	Storm Sewer Manhole Details
103	Manhole Frames, Covers, and Steps
104–106	Storm Sewer Manhole Circular Slabs
121	Surface Inlet, Type B
130–1	Aggregate Channel Lining
154–1	Pipe Culvert Headwalls 30"–108"
154–2	Dimension and Quantities 30"– 108" Headwalls
154–3	Bill of Reinforcement 30" – 90" Headwalls
162	Sloped and Flared Box Inlet – Outlet
163	Grate for Sloped and Flared Box
180	Retaining Wall Gravity Type
200	Trenching, Laying, Backfilling, and Bedding Outside R/W Limits
201–1	Pavement Replacement for Trenches Under Street Pavement
204	Sanitary Sewer Pipe: Types & Maximum Allowable Fill Heights
210	Typical Precast Shallow Manhole
211	Typical Standard Precast Concrete Manhole For Pipe up to 30"
212	Typical Precast Drop Manhole
213	Standard Manhole Junction & Water Stop Details
214	Sewer Manhole Adjustment Grade Rings
216	Manhole Size Standards & General Notes for Deep Manholes
217	Deflection Angle for Sanitary Manholes
220	Standard Circular Manhole Frame and Cover
301	Curb and Gutter
303	Sidewalk Construction Specifications
304	Sidewalk Ramps Type 1
307	Entrance Details
315	Concrete Steps
316	Handrail
318	Edge Key
319	Typical Edge Key Detail
323	Public Improvement Sign

KDOH STANDARD DRAWINGS
SEE CONTRACT DOCUMENTS

RDB–014–05	D.B.I. TYPE 16 (FRAME & GRATE DETAILS)
RDB–030–03	D.B.I. TYPE 16
RDB–031–03	D.B.I. TYPE 16 (STEEL)
RDB–032–03	D.B.I. TYPE 16 (LID DETAIL)
RDB–033–02	D.B.I. TYPE 16 (QUANTITIES)
RDB–270–08	C.B.I. TYPE A (DETAIL)
RDB–271–04	C.B.I. TYPE A (STEEL)
RDB–272–06	C.B.I. TYPE A (TOP PHASE)
RDB–273–05	C.B.I. TYPE A (LID DETAIL)
RDB–280–05	C.B.I. TYPE B (DETAIL)
RDB–281–02	C.B.I. TYPE B (STEEL)
RDB–282–03	C.B.I. TYPE B (TOP PHASE)
RDB–283–03	C.B.I. TYPE B (LID DETAIL)
RDI–001–08	PIPE TYPES AND COVER HEIGHT (PIPES 12"–24")
RDI–002–03	PIPE TYPES AND COVER HEIGHT (PIPES 27"–42")
RDI–003–03	PIPE TYPES AND COVER HEIGHT (PIPES 48"–54")
RDI–011–02	PIPE TYPES AND COVER HEIGHT (NON–CIRCULAR)
RDI–016–02	NON–CIRCULAR ALTERNATES
RDI–020–08	PIPE BEDDING
RDI–025–04	PIPE BEDDING TRENCH CONDITION
RDI–035–01	PIPE COATINGS
RDX–210–02	TEMPORARY SILT FENCE
RGX–001–05	MISCELLANEOUS STANARDS PART 1
TTC–100–01	LANE CLOSURE TWO–LANE HIGHWAY CASE 1
TTD–110–01	POST SPLICING DETAIL
TTS–125–01	MOBIL OPERATION FOR DURABLE STRIPING
RDX–225	SILT TRAP B
RDX–230	SILT TRAP C

MISC. STANDARD DRAWINGS
SEE CONTRACT DOCUMENTS

THRUST BLOCK DETAIL
MAIL BOX PAD DETAIL
PIPE SUPPORT DETAIL
TRUNCATED DOME DETAIL

GENERAL NOTES

1. ALL EXCAVATION AND FILL AREAS SHALL BE STRIPPED OF ALL TOPSOIL. TOPSOIL SHALL BE STOCKPILED ON SITE AND REDISTRIBUTED TO AREAS THAT WILL BE REVEGETATED. TOPSOIL STOCKPILES SHALL BE PROTECTED WITH SILT FENCE OR OTHER EROSION CONTROL.

2. DENSITY TESTS SHALL BE CONDUCTED BY LFUCG. FILL MATERIAL SHALL BE CONSTRUCTED IN HORIZONTAL LIFTS, NOT EXCEEDING SIX INCHES PRIOR TO COMPACTION.

3. CONTRACTOR SHALL NOT INCORPORATE ANY EXCESSIVELY WET OR ORGANIC MATERIAL INTO ANY FILL AREA.

4. EXISTING UTILITY LOCATIONS ARE APPROXIMATE AS SHOWN. UTILITY RELOCATIONS HAVE BEEN PERFORMED TO AVOID CONFLICTS WITH PROPOSED ROADWAY CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY UTILITY COMPANIES TO OBTAIN "AS BUILT" PLANS OF UTILITY RELOCATIONS AND TO VERIFY THEIR LOCATIONS PRIOR TO CONSTRUCTION. ADDITIONAL INFORMATION REGARDING EXISTING UTILITIES CAN BE FOUND IN APPENDIX B OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE OWNER AND THE ENGINEER ARE NOT RESPONSIBLE FOR DAMAGES TO THE EXISTING UTILITIES THAT MAY OCCUR DURING CONSTRUCTION.

5. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT STANDARD DRAWINGS & SPECIFICATIONS AND, WHERE APPLICABLE, THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD DRAWINGS & SPECIFICATIONS.

6. THE CONTRACTOR SHALL FOLLOW THE EROSION CONTROL PLANS INCLUDED WITH THIS PLAN SET. THE CONTRACTOR SHALL ALSO BE PREPARED TO INSTALL ADDITIONAL EROSION CONTROL STRUCTURES AS CHANGING SITE CONDITIONS MAY WARRANT. ADDITIONAL EROSION CONTROL MEASURES MUST BE APPROVED BY THE OWNER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTAL OF THE KENTUCKY POLLUTANT DISCHARGES ELIMINATION SYSTEM NOTICE OF INTENT (KPDES FORM NOI-SW), THE NOTICE OF TERMINATION (KPDES FORM NOT), INCLUDING THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), FOR STORM WATER DISCHARGES. THIS COORDINATION IS REQUIRED BY THE KENTUCKY NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET (KNREPC). THE CONTRACTOR MAY ALSO SUBMIT AN ALTERNATE EROSION CONTROL PLAN PREPARED BY A LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT THAT WILL BE SUBJECT TO APPROVAL BY LFUCG.

7. EXISTING FENCES, WALLS, TREES OR OTHER VEGETATION AND IMPROVEMENTS SHALL BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT POSSIBLE. THE LANDSCAPE PLANS INCLUDED IN THIS PLAN SET DETAIL WHERE EXISTING TREES AND VEGETATION ARE TO BE REMOVED. NO TREES OR VEGETATION THAT IS NOT CLEARLY DETAILED IN THE LANDSCAPE PLANS WILL BE DISTURBED WITHOUT THE EXPLICIT CONSENT OF THE OWNER. TREES AND VEGETATION NOT IN THE LANDSCAPE PLANS THAT ARE ANTICIPATED BY THE CONTRACTORS AS NEEDING REMOVAL SHALL BE IDENTIFIED TO THE OWNER 2 WORKING DAYS PRIOR TO CONSTRUCTION IN THAT AREA. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR DAMAGE TO TREES AND VEGETATION OUTSIDE THE SCOPE OF THE PLANS THAT HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE OWNER. THE CONTRACTOR SHALL RESTORE DISTURBED AREAS TO CONDITIONS THAT ARE EQUAL TO PRE-CONTRUCTION CONDITIONS IN ACCORDANCE WITH THE PLANS AND CONTRACT DOCUMENTS AND SPECIFICATIONS.

8. TEMPORARY CONSTRUCTION EASEMENTS (TCE'S) AS SHOWN ON THE PLANS ARE ONLY INTENDED TO PROVIDE THE CONTRACTOR WITH WORKING ROOM OUTSIDE THE LIMITS OF CONSTRUCTION. TREES, BUSHES, PAVEMENT, FENCES, SIGNS, LANDSCAPED AREAS, STRUCTURES, SIDEWALKS, ENTRANCES, UTILITIES, LIGHT POLES, ETC. ARE TO REMAIN UNDISTURBED IN THESE AREAS, WHEN POSSIBLE. IF THE CONTRACTOR ANTICIPATES ANY CONFLICTS WITH ANY ITEM WITHIN THE TCE THAT IS NOT PART OF THE ROADWAY CONSTRUCTION AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER OF THE CONCERNS 2 WORKING DAYS PRIOR TO CONSTRUCTION IN THIS AREA. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR ANY DAMAGES TO THE ITEMS ADDRESSED IN THIS NOTE. THE CONTRACTOR IS ALSO ENCOURAGED TO LIMIT THE AMOUNT OF RESEEDING/SODDING REQUIRED TO RESTORE THE AREAS WITHIN THE TCE AND OUTSIDE THE NORMAL LIMITS OF CONSTRUCTION. TCE AREAS ARE NOT TO BE USED AS STORAGE/STAGING AREAS.

9. ALL NON-PAVED DISTURBED AREAS SHALL BE REVEGETATED AFTER WORK IN THE IMMEDIATE VICINITY IS COMPLETED, IN ACCORDANCE WITH THE SPECIFICATIONS. IN NO CASE SHALL THE DURATION BETWEEN THE COMPLETION OF ADJACENT OPERATIONS AND THE REVEGETATION OF DISTURBED AREAS EXCEED FOUR (4) WEEKS.

10. ALL SLOPES STEEPER THAN 3:1 SHALL BE REVEGETATED WITH ANCHORED SOD.

11. THE IDENTIFICATION OF BORROW, WASTE, AND/OR DISPOSAL AREAS, AND THE ACQUISITION OF ANY RELATED PERMITS OR APPROVALS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

12. UTILITY POLES, WATER METERS AND FIRE HYDRANTS THAT FALL WITHIN THE CONSTRUCTION LIMITS ARE TO BE RELOCATED BY OTHERS.

13. THE CONTRACTOR SHALL FOLLOW THE MAINTENANCE OF TRAFFIC (MOT) AND CONSTRUCTION PHASING PLANS INCLUDED IN THIS PLAN SET. IF THE CONTRACTOR FORESEES ANY CONFLICTS THAT WILL LIMIT THE EFFECTIVENESS OF THE MOT PLANS, THE ISSUE WILL BE REPORTED TO THE OWNER AT LEAST 2 FULL BUSINESS DAYS PRIOR TO CONSTRUCTION IN THE SPECIFIED AREA. IF THE CONTRACTOR WISHES TO SUBMIT AN ALTERNATE MOT PLAN TO THE OWNER FOR APPROVAL PRIOR TO CONSTRUCTION, HE MUST DO SO 5 FULL BUSINESS DAYS PRIOR TO CONSTRUCTION. NO VARIATIONS FROM CONSTRUCTION PHASING AND MOT WILL BE PERFORMED BY THE CONTRACTOR UNLESS WRITTEN APPROVAL FROM THE OWNER IS RECEIVED.

14. THE CONTRACTOR WILL ENSURE THAT AN ALTERNATE MAIL DELIVERY SYSTEM HAS BEEN ESTABLISHED WITH THE U.S. POSTAL SERVICE AS DETAILED IN THE SPECIAL CONDITIONS OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE ALTERNATE DELIVERY SYSTEM SHALL BE COORDINATED THE POSTAL SERVICE PRIOR TO ANY ROADWAY CONSTRUCTION THAT MAY DISRUPT MAIL DELIVERY SERVICE ANYWHERE WITHIN THE CONSTRUCTION ZONE. THIS ZONE SHALL ALSO INCLUDE APPROACH ROADS OUTSIDE OF THE CONSTRUCTION LIMITS.

15. CURB BOX INLET TYPE "A" TOP PHASES SHALL BE INSTALLED PARALLEL TO THE ADJACENT ROAD PROFILE.

16. ENTRANCE APRONS BETWEEN SIDEWALK AND ROADWAY WILL BE CONCRETE. ENTRANCE CONSTRUCTION BEHIND SIDEWALK WILL MATCH EXISTING MATERIAL (ASPHALT, CONCRETE, ETC.)

17. CONTRACTOR SHALL REMOVE EXISTING MAIL BOXES AND RETURN TO PROPERTY OWNERS. PAYMENT FOR THIS WORK WILL BE INCIDENTAL TO CLEARING & GRUBBING.

18. BENCHMARKS ARE SHOWN ON THE PLANS. SURVEY CONTROL POINTS, CENTERLINE COORDINATES, ETC., WILL BE PROVIDED TO THE CONTRACTOR BY THE ENGINEER.

19. UNLESS DESIGNATED TO BE PLUGGED, OR REMOVED DURING CONSTRUCTION OF PROPOSED STORM PIPES, ALL EXISTING STORM SEWER PIPES SHALL BE SAFELOADED.

20. THE CONTRACTOR IS RESPONSIBLE FOR SELECTING THE STORM WATER TREATMENT SYSTEMS AT RT. STATIONS 27+81.21 AND 30+08.00. SEE CONTRACT DOCUMENTS & SPECIFICATIONS – PART VIII, TECHNICAL SPECIFICATIONS, SECTION 33. THE CONTRACTOR SHALL ENSURE THAT STORM WATER TREATMENT SYSTEMS WILL BE COMPATIBLE FOR CONSTRUCTION WITH ROADWAY DESIGNS AND EXISTING TOPOGRAPHY.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO NEW OR EXISTING SANITARY SEWERS FROM UNSUPPORTED STORM DRAIN PIPES. SEE "STORM PIPE SUPPORT" DETAIL IN APPENDIX A.

22. AREAS NOTED AS "FULL DEPTH CONSTRUCTION" WILL REQUIRE THE ENTIRE EXISTING ROADBED REMOVED AND REPLACED WITH AND REPLACED WITH NEW MATERIALS AS PER TYPICAL SECTIONS, ETC.

23. FLOWABLE FILL IS NOT REQUIRED FOR TRENCH BACKFILL BUT ALLOWED. NO SEPARATE PAYMENT WILL BE MADE FOR FLOWABLE FILL.

24. THE CURRENT KYTC LIQUID ASPHALT INDEX SPECIFICATION DOES APPLY TO THIS PROJECT.

25. A PARTIAL LIST OF PROVIDERS OF PRIVATE UTILITIES FOLLOWS (NOT DEDICATED TO AND MAINTAINED BY THE LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT). IS PROVIDED BELOW. FOR ADDITIONAL UTILITY CONTACTS, SEE APPENDIX B OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

ELECTRIC POWER
KENTUCKY UTILITIES COMPANY
500 STONE ROAD
LEXINGTON, KY 40503
(859) 367-4304

NATURAL GAS
COLUMBIA GAS
2001 MERCER ROAD
P.O. BOX 14241
LEXINGTON, KY 40512-4241
(859) 288-0215

WATER
KENTUCKY-AMERICAN WATER
2300 RICHMOND ROAD
LEXINGTON, KY 40502
(859) 268-6351

TELEPHONE
WINDSTREAM
130 W. NEW CIRCLE ROAD
SUITE 170
LEXINGTON, KY 40505
(859) 357-6216

CABLE TV
INSIGHT COMMUNICATIONS
2544 PALUMBO DRIVE
LEXINGTON, KY 40509
(859) 514-2510

UNDERGROUND PROTECTION
KENTUCKY UNDERGROUND PROTECTION
(800) 752-6007 OR 811

LEGEND

EXISTING

- ROAD
- 18" RCP — STORM SEWER
- UE — UNDERGROUND ELECTRIC
- E — OVERHEAD ELECTRIC
- SIDEWALK
- G — GAS LINE
- UT — UNDERGROUND TELEPHONE
- x — FENCE
- W — WATER LINE
- P — PROPERTY LINE
- EXISTING R/W — RIGHT OF WAY
- STREAMS/DITCHES
- SS — SANITARY SEWER
- FM — SANITARY FORCE MAIN
- T — OVERHEAD TELEPHONE
- TREE
- TREE TO BE REMOVED
- GUY WIRE
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER CATCH BASIN
- POWER POLE
- LIGHT POLE
- SIGN
- MAILBOX
- SIGNAL BOX
- TELEPHONE MANHOLE
- WV — WATER VALVE
- WM — WATER METER
- FH — FIRE HYDRANT
- GV — GAS VALVE
- GM — GAS METER
- GLM — GAS MARKER
- (DND) DO NOT DISTURB
- (TBR) TO BE REMOVED
- (TBA) TO BE ABANDONED
- TCE TEMPORARY CONSTR. ESMT.
- EXIST. PAVEMENT/ SIDEWALK TO BE REMOVED

PROPOSED – PLAN VIEW

- PROPOSED R/W — PROPOSED RIGHT OF WAY
- PROPOSED EDGE OF PAVEMENT
- FACE OF CURB
- CONSTRUCTION LIMITS
- x — PROPOSED FENCE
- 15" — STORM DRAIN PIPE – PLAN VIEW
- TEMP. CONSTR. EASEMENT
- STORM SEWER MANHOLE
- SURFACE INLET
- CURB BOX INLET
- HEADWALL
- LANE ARROW

PROPOSED – PROFILE VIEW

- 93.64 LF 18" RCP @ 1.00% — STORM DRAIN PIPE – RIGHT OF CENTERLINE
- 93.64 LF 18" RCP @ 1.00% — STORM DRAIN PIPE – LEFT OF CENTERLINE

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED PROFESSIONAL ENGINEER

Nov. 30, 2010

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

REV. #	BY:	DATE:
1	GFP	10-19-10

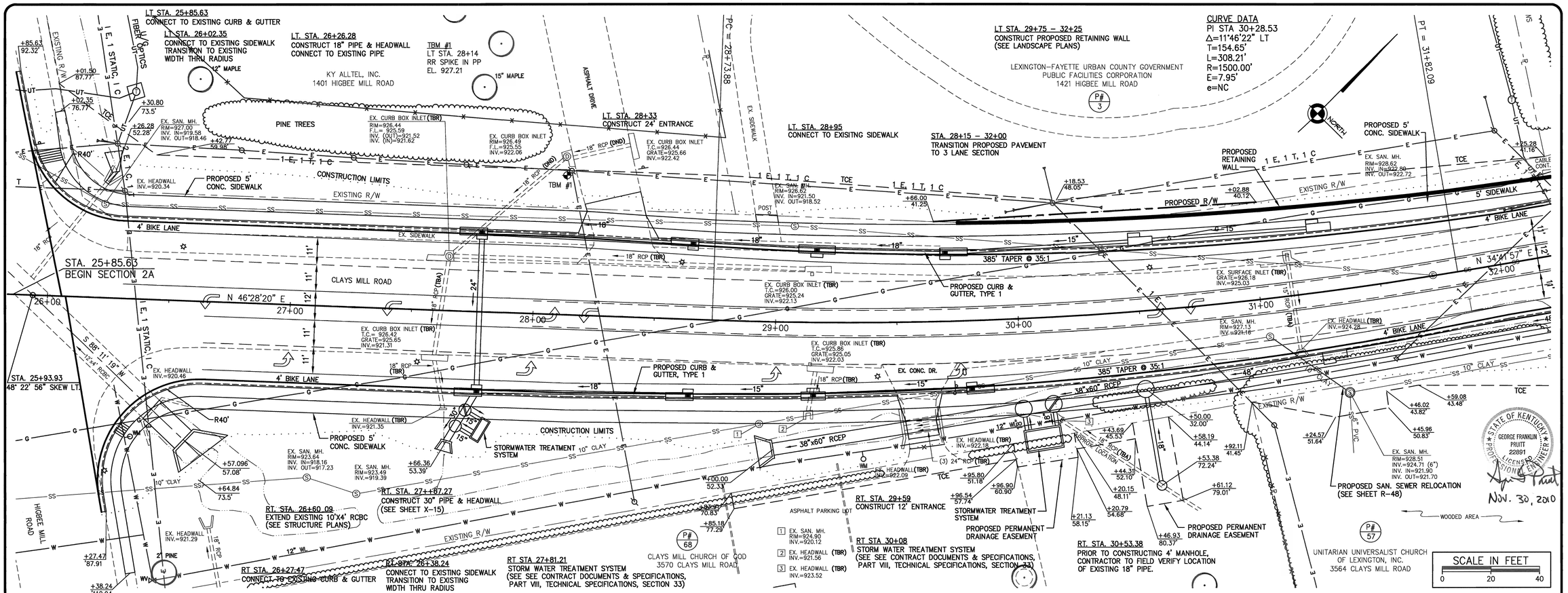
SCALE :	NO SCALE
DESIGNED BY :	GFP
DRAWN BY :	HDP
CHECKED BY :	JBS
PROJECT NO :	03055
DATE :	11-30-10
CADD DWG ID :	3055-R2B

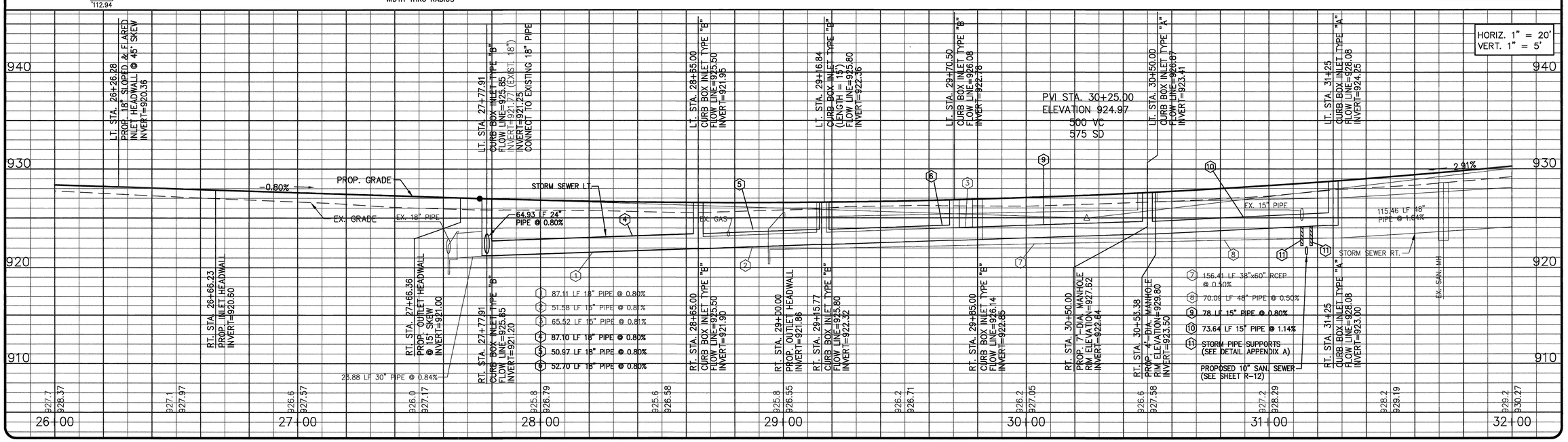
LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

QUANTITIES, GENERAL NOTES LEGEND & STANDARD DRAWINGS

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-2B





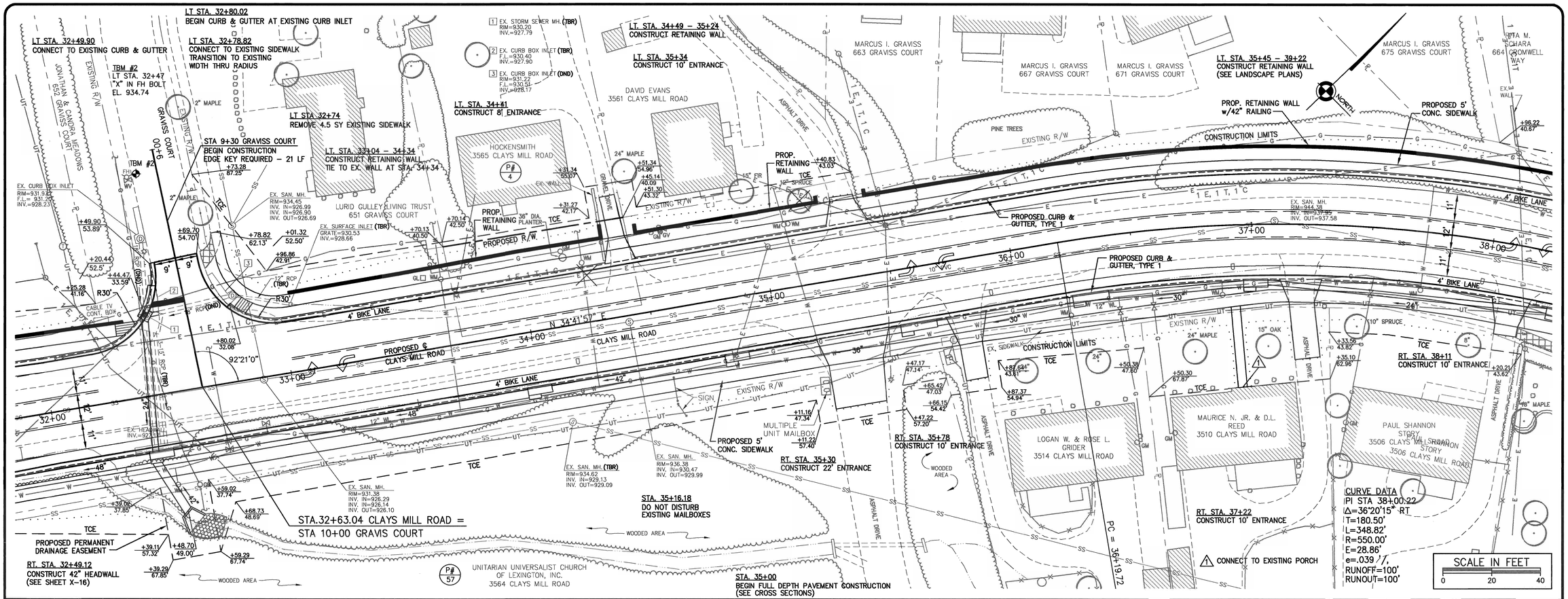
cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

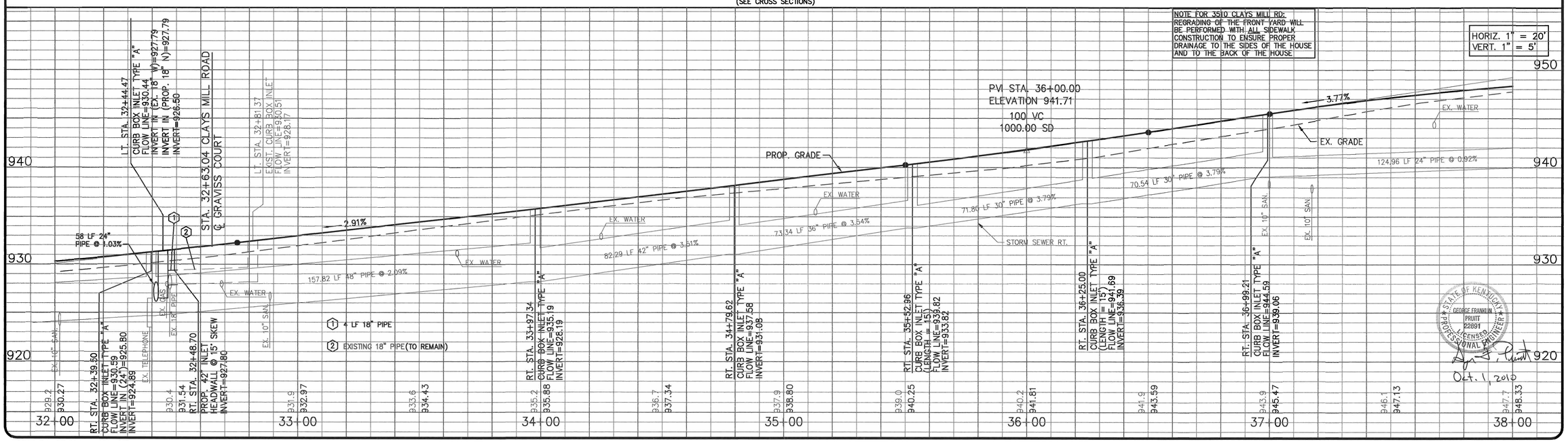
SCALE	1"=20'	REV. #	DATE:
DESIGNED BY :	GFP	BY:	
DRAWN BY :	JLC		
CHECKED BY :	JBS		
PROJECT NO. :	03055		
DATE :	11-30-10		
CADD DWG ID :	3055-R3		

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

PLAN & PROFILE
STA. 26+00 – 32+00
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-3





cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

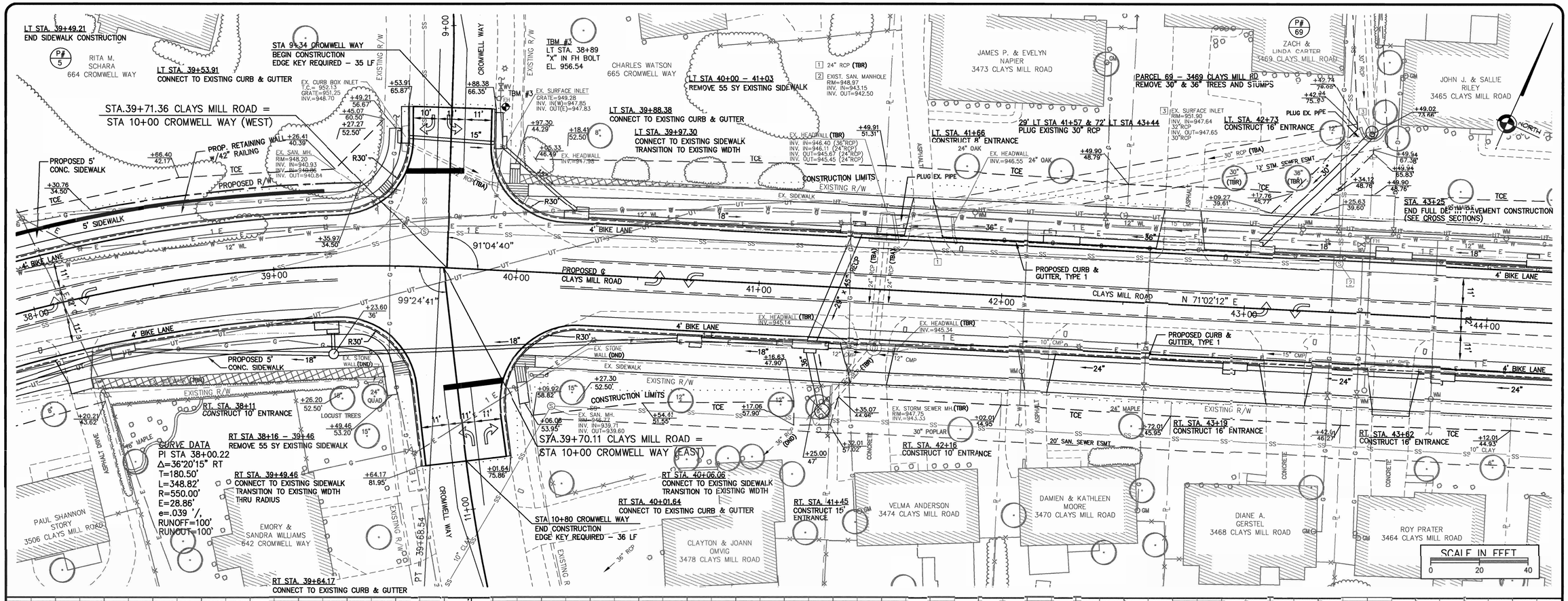
SCALE	1"=20'
DESIGNED BY :	GFP
DRAWN BY :	JLC
CHECKED BY :	JBS
PROJECT NO :	03055
DATE :	09-09-10
CADD DWG ID :	3055-R4

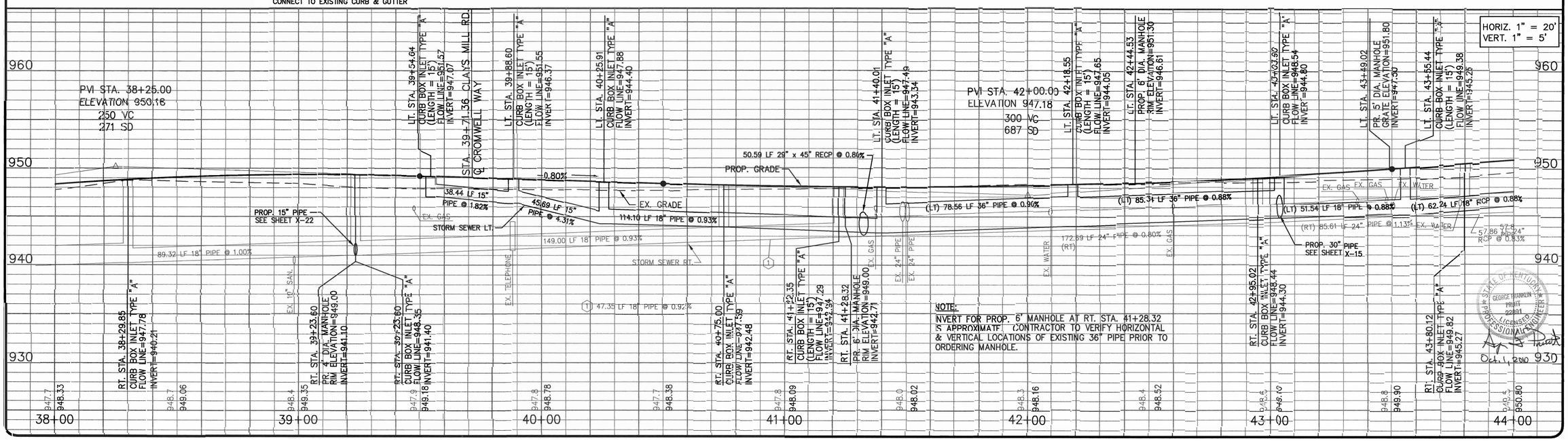
REV. #	BY:	DATE:

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

PLAN & PROFILE
STA. 32+00 – 38+00
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-4





cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.284.7500 F 859.284.7501

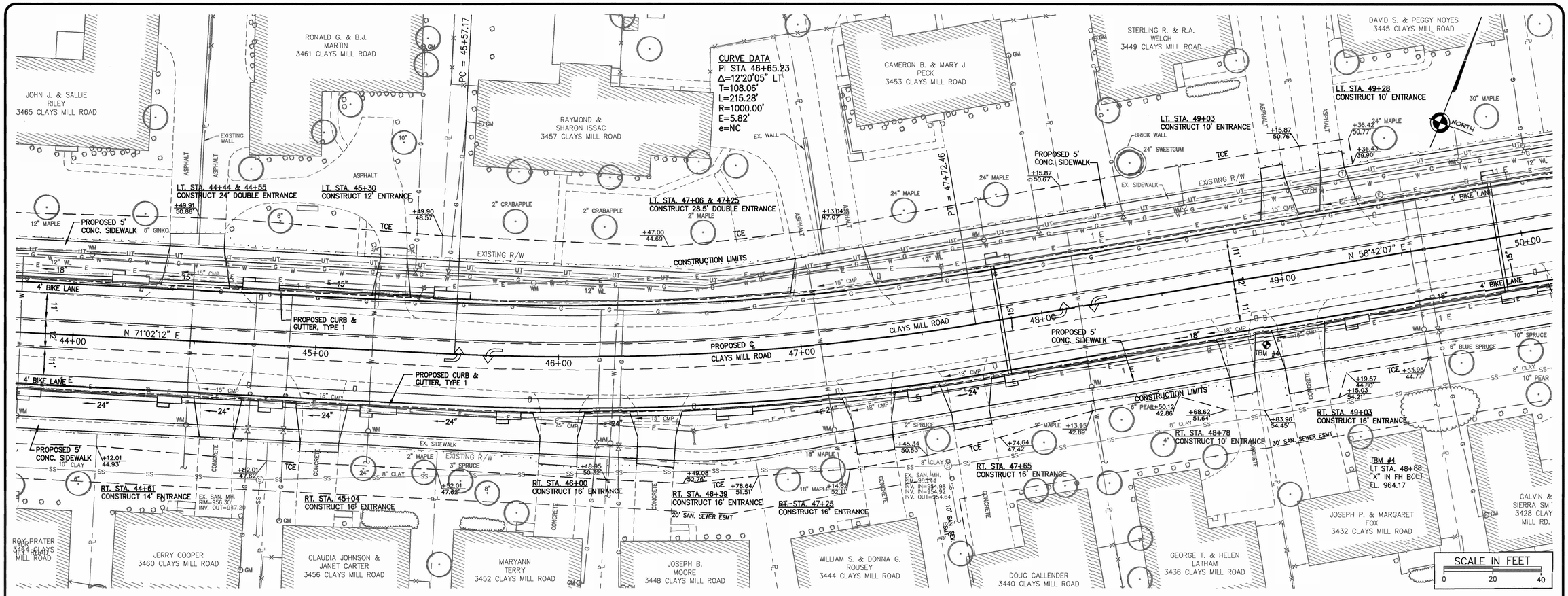
SCALE	1"=20'	REV. #	DATE:
DESIGNED BY :	GFP	BY:	
DRAWN BY :	JLC		
CHECKED BY :	JBS		
PROJECT NO :	03055		
DATE	09-09-10		
CADD DWG ID :	3055-R5		

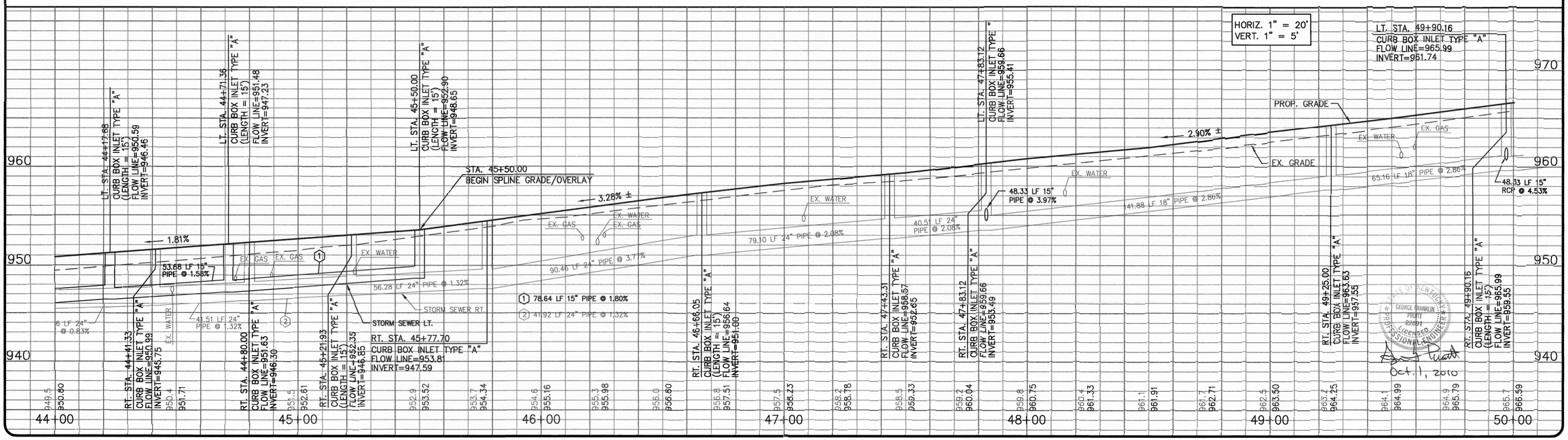
LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

PLAN & PROFILE STA. 38+00 – 44+00

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-5





cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

SCALE	1"=20'
DESIGNED BY	GFP
DRAWN BY	JLC
CHECKED BY	JBS
PROJECT NO	03055
DATE	09-09-10
CADD DWG ID	3055-R6

REV. #	BY:	DATE:

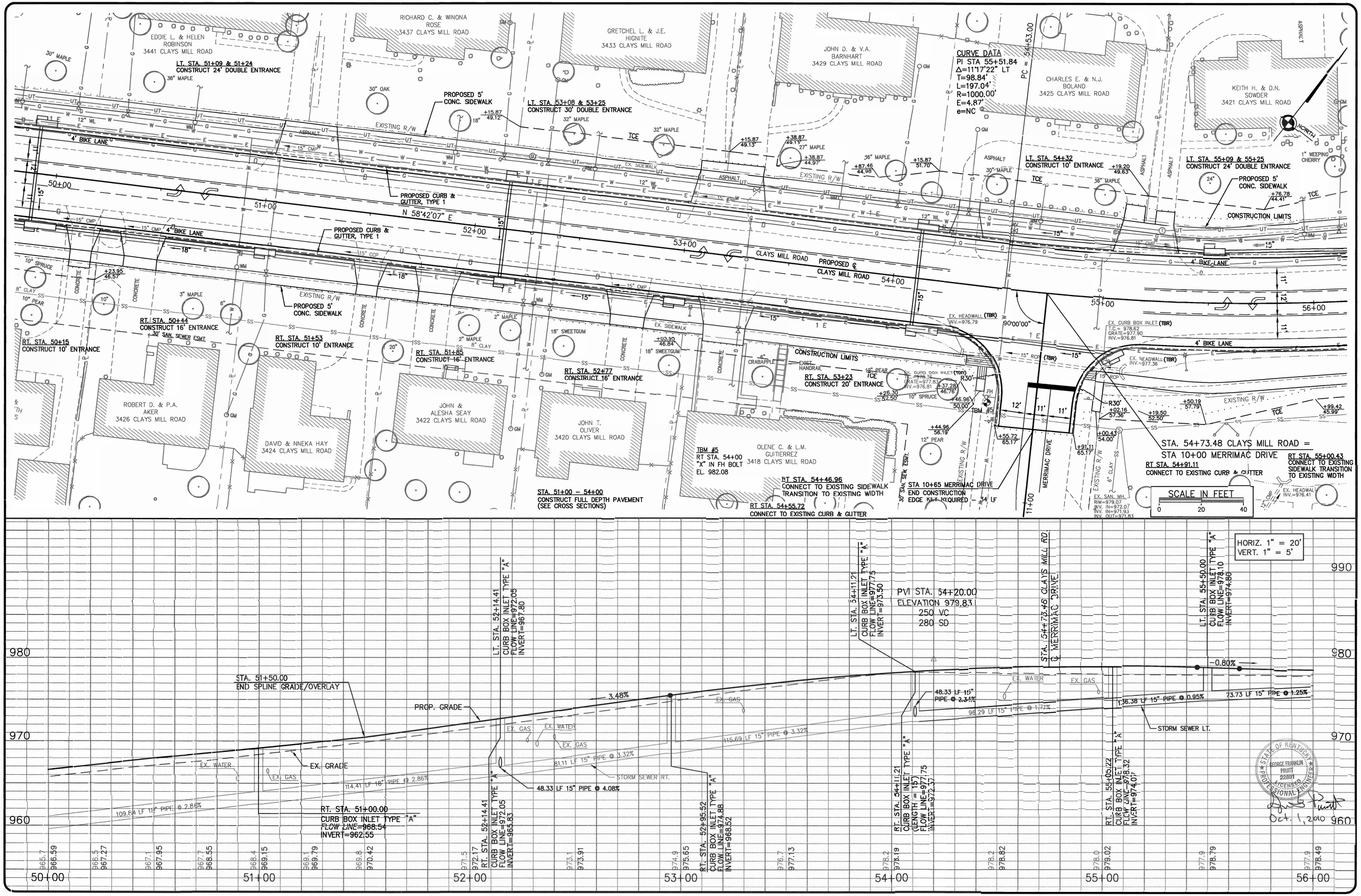
LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

PLAN & PROFILE
STA. 44+00 – 50+00

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

STATE OF KENTUCKY GEORGE FRANKLIN PHUTT 22801 LICENSED PROFESSIONAL ENGINEER
Oct. 1, 2010

SHEET NUMBER
R-6



cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

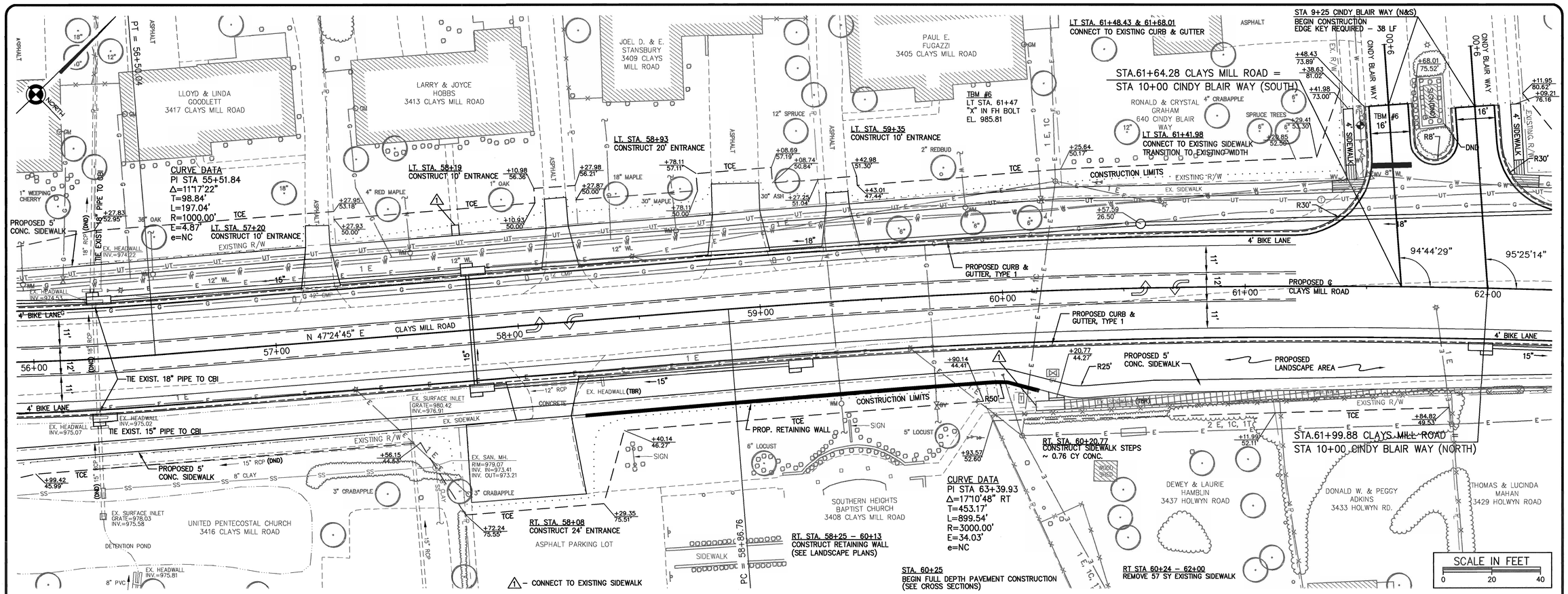
SCALE :	1"=20'	REV. #	BY:	DATE:
DESIGNED BY :	GFP			
DRAWN BY :	JLC			
CHECKED BY :	JBS			
PROJECT NO :	03055			
DATE :	09-09-10			
CADD DWG ID :	3055-R7			

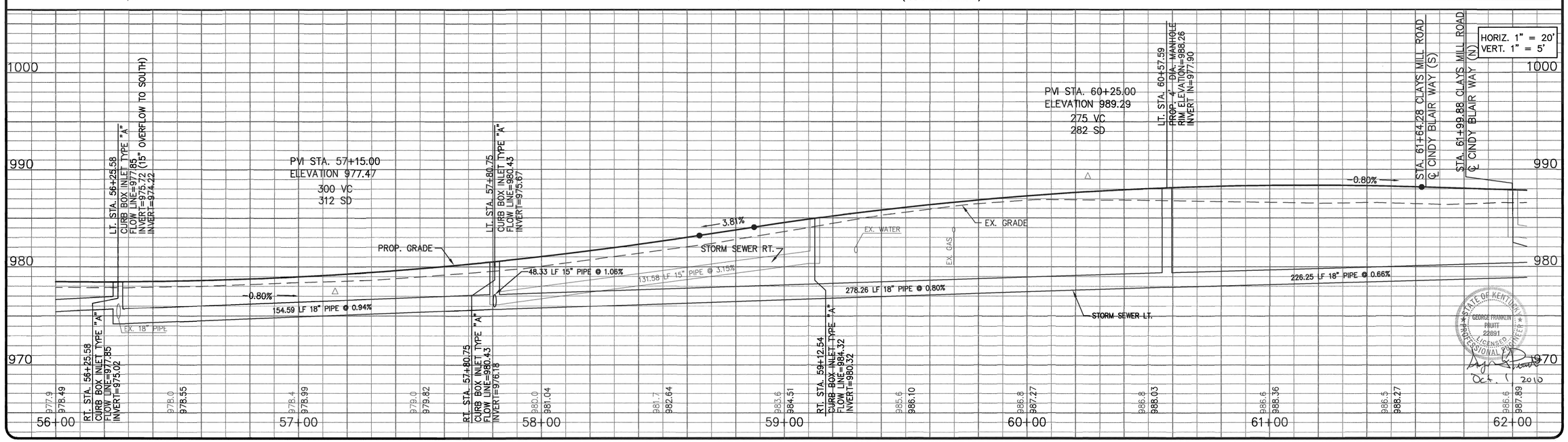
LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

PLAN & PROFILE
STA. 50+00 – 56+00

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-7





cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.254.7500 F 859.264.7501

SCALE	1"=20'
DESIGNED BY :	GFP
DRAWN BY :	JLC
CHECKED BY :	JBS
PROJECT NO :	03055
DATE	09-09-10
CADD DWG ID :	3055-R8

REV. #	BY:	DATE:

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

PLAN & PROFILE
STA. 56+00 – 62+00
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED PROFESSIONAL ENGINEER
Oct. 1 2010

SHEET NUMBER
R-8

LT STA. 61+83.20 & 62+02.66
CONNECT TO EXISTING CURB & GUTTER

LT STA. 62+09.21
CONNECT TO EXISTING SIDEWALK TRANSITION TO EXISTING WIDTH

LT STA. 63+18 – 64+06
TURN LANE TRANSITION

LT. STA. 64+17 & 64+35
CONSTRUCT 8' & 10' ENTRANCES GRADE AREA BETWEEN ENTRANCES TO PROVIDE POSITIVE DRAINAGE BACK TO ROADWAY

LT. STA. 66+28 & 66+49
CONSTRUCT 9' & 10' ENTRANCES GRADE AREA BETWEEN ENTRANCES TO PROVIDE POSITIVE DRAINAGE BACK TO ROADWAY

LT. STA. 67+55
CONSTRUCT 10' ENTRANCE

PROPOSED DITCH (SEE SECTIONS)

PROPOSED 5' CONC. SIDEWALK

PROPOSED CURB & GUTTER, TYPE 1

PROPOSED LANDSCAPE AREA

CURVE DATA
PI STA 63+39.93
Δ=17°10'48" RT
T=453.17'
L=899.54'
R=3000.00'
E=34.03'
e=NC

RT STA. 63+21 TO RT. STA. 63+91
REMOVE AND RESET 69 LF FENCE

RT STA 62+00 – 66+89
REMOVE 110 SY EXISTING SIDEWALK

RT STA. 67+37.00
CONNECT TO EXISTING SIDEWALK TRANSITION TO EXISTING WIDTH

RT STA. 67+43.11 & 67+64.96
CONNECT TO EXISTING CURB & GUTTER

RT STA. 68+12.12
CONNECT TO EXISTING SIDEWALK TRANSITION TO EXISTING WIDTH

RT STA. 67+84.87 & 68+05.76
CONNECT TO EXISTING CURB & GUTTER

TBM #7
RT STA. 67+74
"□" IN LP
EL. 989.76

STA. 63+00
BEGIN FULL DEPTH PAVEMENT CONSTRUCTION (SEE CROSS SECTIONS)

STA 10+60 MONTICELLO BLVD (N&S)
END CONSTRUCTION EDGE KEY REQ'D. – 40 LF

① STA.67+53.47 CLAYS MILL ROAD = STA 10+00 MONTICELLO BLVD (SOUTH)
② STA.67+94.54 CLAYS MILL ROAD = STA 10+00 MONTICELLO BLVD (NORTH)

HORIZ. 1" = 20'
VERT. 1" = 5'

PVI STA. 64+50.00
ELEVATION 985.89
400 VC
1000 SD

PROP. GRADE

STORM SEWER RT.

STORM SEWER LT.

EX. GRADE

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22801
LICENSED PROFESSIONAL ENGINEER
Oct. 1, 2010

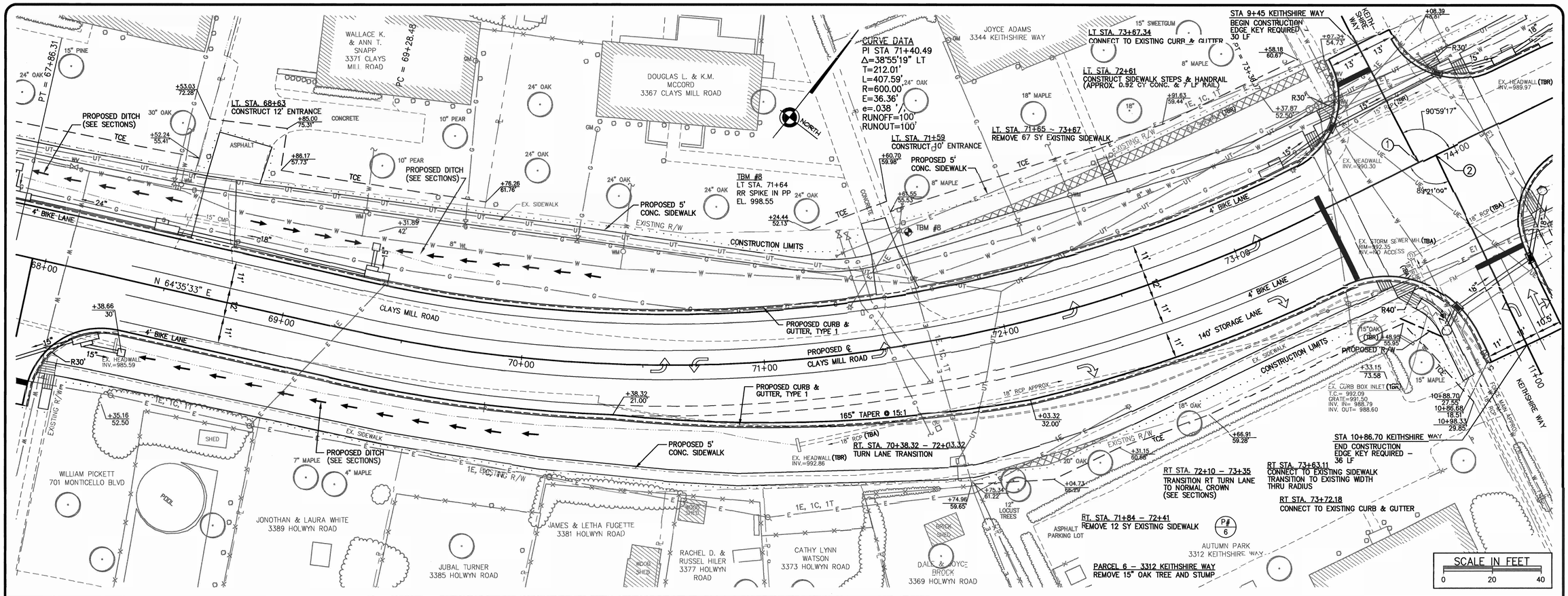
cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

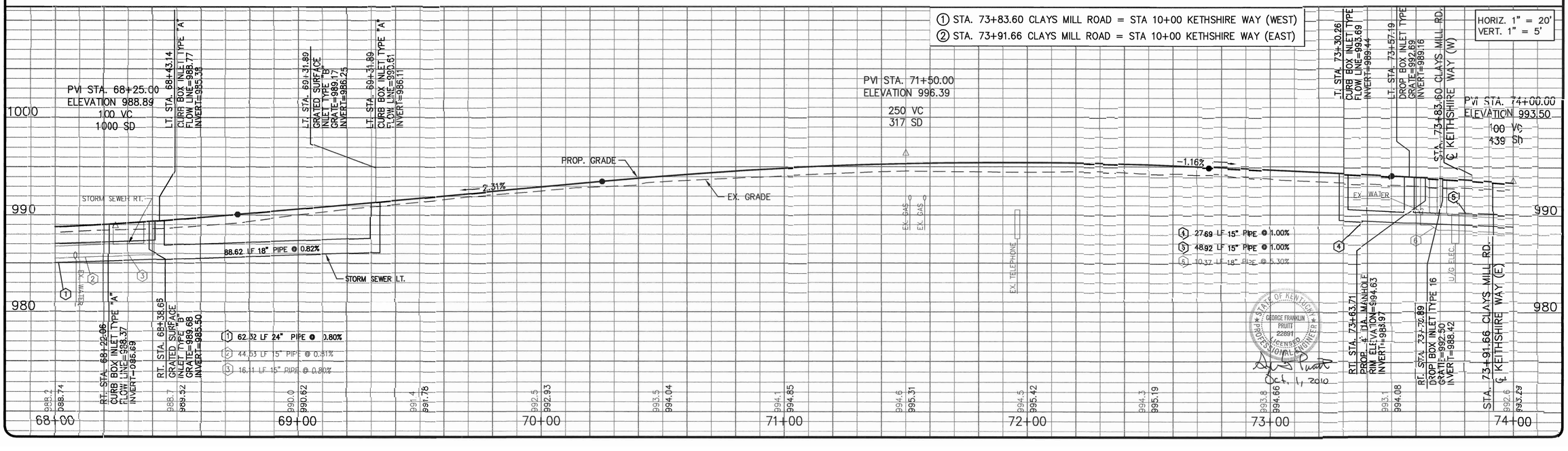
SCALE	1" = 20'		
DESIGNED BY :	GFP	REV. #	BY:	DATE:
DRAWN BY :	JLC			
CHECKED BY :	JBS			
PROJECT NO :	03055			
DATE	09-09-10			
CADD DWG ID :	3055-R9			

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

PLAN & PROFILE
STA. 62+00 – 68+00
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-9





STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED PROFESSIONAL ENGINEER
Oct. 1, 2010

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

REV. #	BY:	DATE:

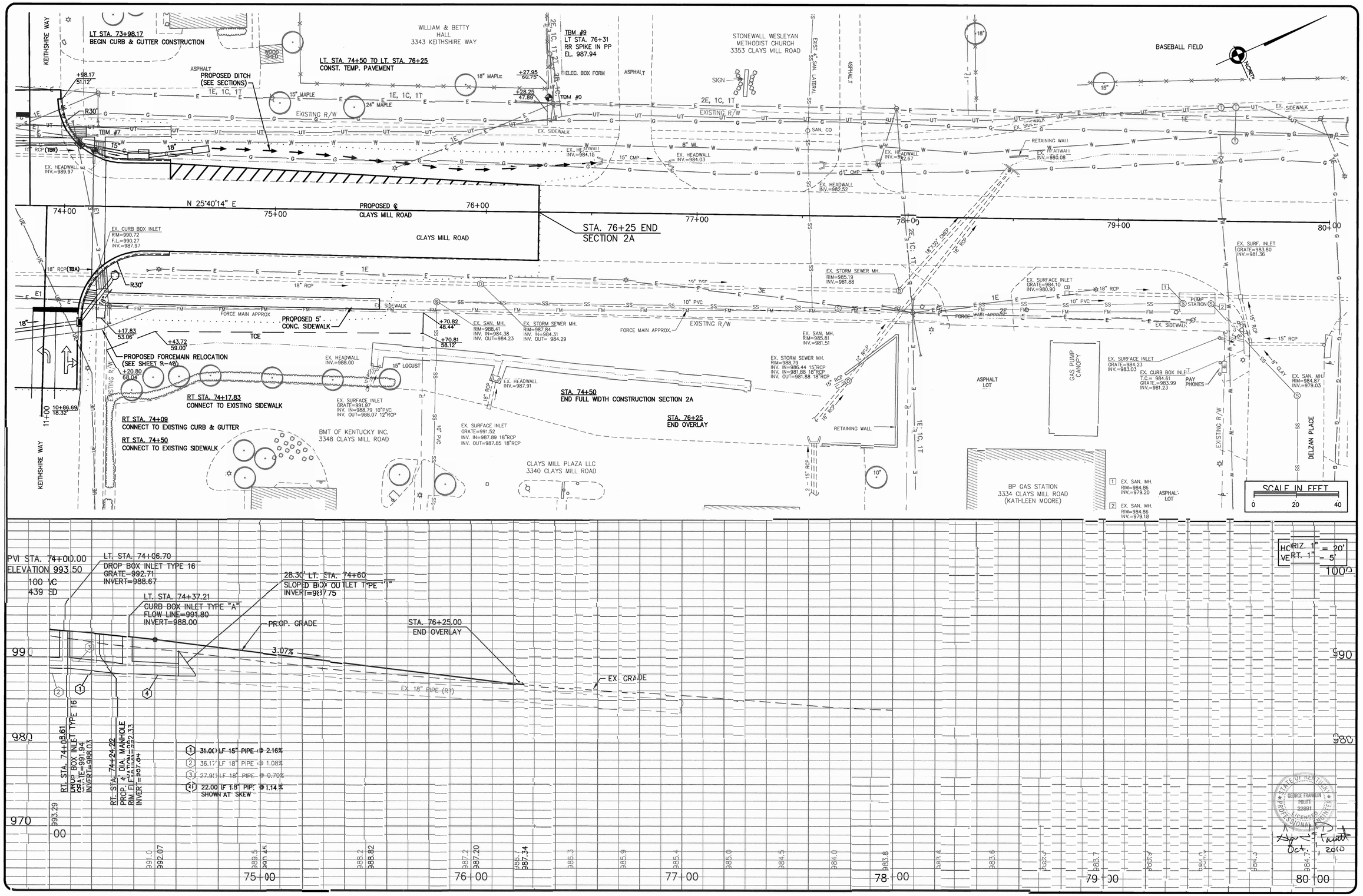
SCALE	1"=20'
DESIGNED BY :	GFP
DRAWN BY :	JLC
CHECKED BY :	JBS
PROJECT NO :	03055
DATE :	09-09-10
CADD DWG ID :	3055-R10

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

PLAN & PROFILE
STA. 68+00 – 74+00

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-10



cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.284.7500 F 859.284.7501

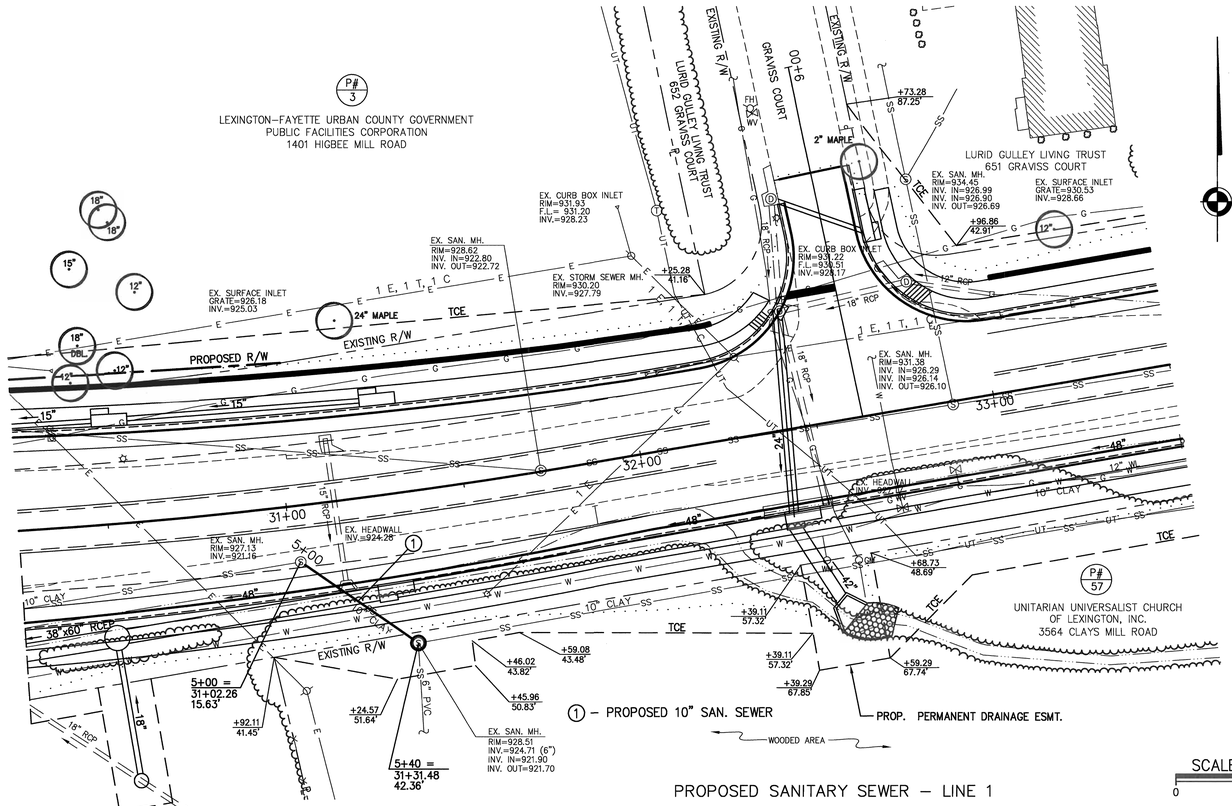
SCALE	1"=20'		
DESIGNED BY :	GFP		
DRAWN BY :	JLC		
CHECKED BY :	JBS		
PROJECT NO :	03055		
DATE	09-09-10		
CADD DWG ID :	3055-R11		

REV. #	BY:	DATE:

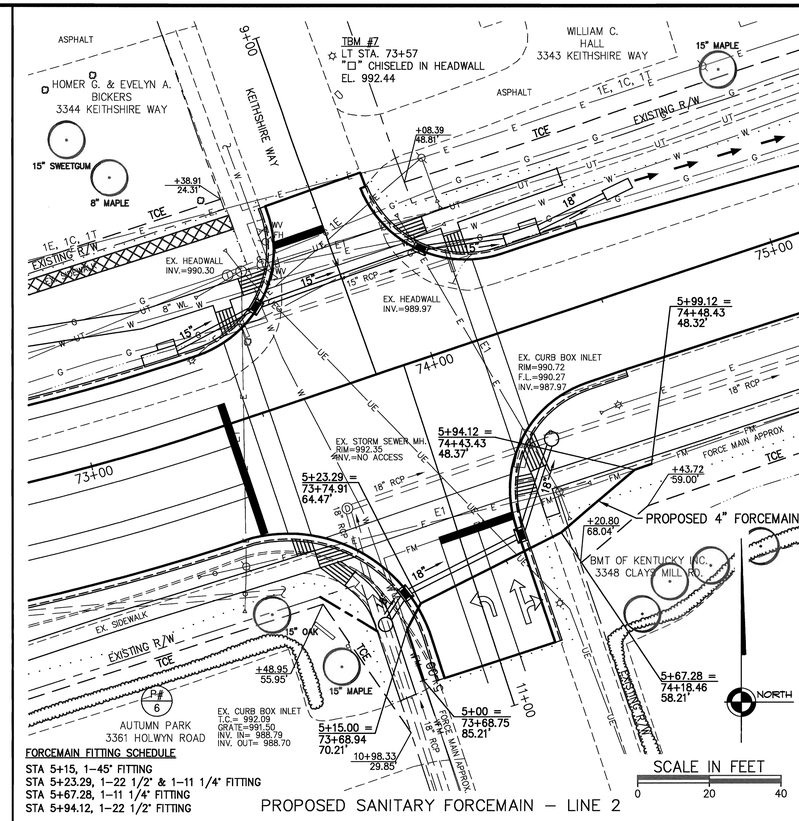
LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

PLAN & PROFILE
STA. 74+00 – 76+25
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-11



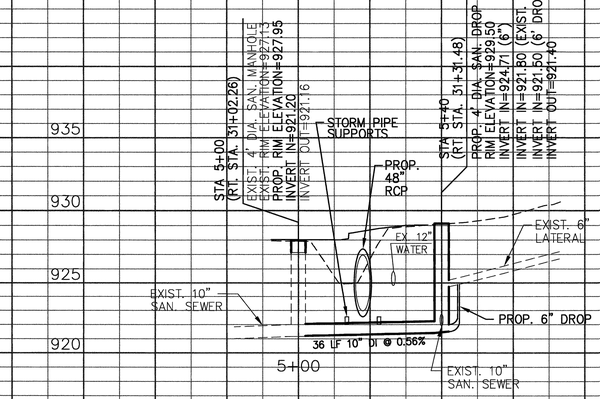
PROPOSED SANITARY SEWER – LINE 1



FORCEMAIN FITTING SCHEDULE

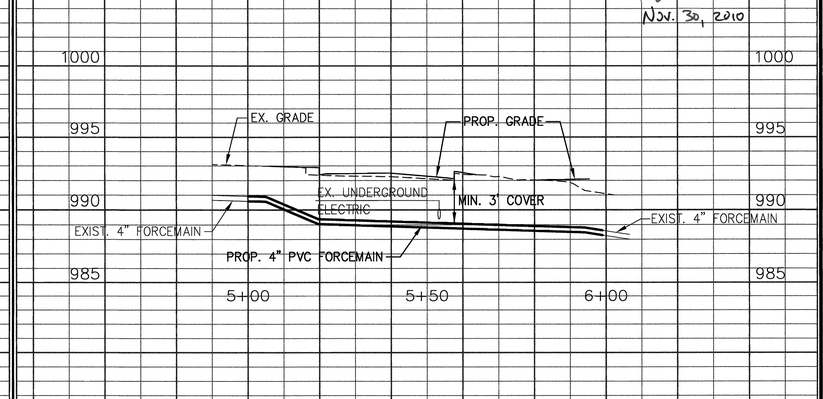
STA 5+15, 1–45° FITTING
STA 5+23.29, 1–22 1/2° & 1–11 1/4° FITTING
STA 5+67.28, 1–11 1/4° FITTING
STA 5+94.12, 1–22 1/2° FITTING

PROPOSED SANITARY FORCEMAIN – LINE 2



PROPOSED PROFILE SANITARY SEWER – LINE 1

HORIZ. 1" = 20'
VERT. 1" = 5'



PROPOSED PROFILE SANITARY FORCEMAIN – LINE 2

HORIZ. 1" = 20'
VERT. 1" = 5'

STATE OF KENTUCKY
GEORGE FRANKLIN BRUTT
22891
LICENSED PROFESSIONAL ENGINEER
NOV. 30, 2010

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

SCALE	1"=20'	REV. #	BY: DATE:
DESIGNED BY :	GFP		
DRAWN BY :	JLC, SMN		
CHECKED BY :	JBS		
PROJECT NO :	03055		
DATE :	11-30-10		
CADD DWG ID :	3055-R12		

LEXINGTON FAYETTE
URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

SAN. SEWER RELOCATIONS – LINES 1 & 2
PLAN & PROFILE

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-12

RIGHT OF WAY SUMMARY

PARCEL NO.	SHEET NO.	ADDRESS	OWNER	AREA (Sq Ft)	R/W TO BE ACQUIRED (Sq Ft)	PERMANENT EASEMENT TO BE ACQUIRED (Sq Ft)	DEED BOOK REFERENCE	NOTES
1	R-5	1400 Higbee Mill Rd (3751 Clays Mill Rd)	Robin A. Hollar	160,435	1,810		DB 2271 P 519; WB 197 P 709; DB 1777 P 96	
2	R-5	1380 Higbee Mill Rd	Springdale Baptist Church, Inc.	63,833	1,878		DB 850 P 383; PC J SL 617; PC D SL 470	
3	R-6	1401 Higbee Mill Rd	LFUCG Public Facilities Corp.	352,586	292		DB 2025 P 720; PC K SL 756	
4	R-7	3565 Clays Mill Rd	Hockensmith & Hockensmith	12,924	2,790		DB 1294 P 272; DB 1974 P 256	
5	R-8	664 Cromwell Way	Rita M. & Robert E. Shara	31,176	419		DB 2037 P 209; DB 1545 P 110; PC B SL 29	
6	R-13	3361 Holwyn Rd	Autumn Park	31,847	85		DB 1622 P 309; PC A SL 474	
7	R-15	3341 Clays Mill Rd	Fayette Co. School Dist. Finance Corp.	754,764		700	DB 1828 P 91	
8	R-17	632 Beth Lane	George R. & Martha W. Reynolds	25,273		116	DB 1316 P 317; PC C SL 307	
9	R-17	629 Beth Lane	Jane F. Binger	27,667	737		DB 709 P 442; WB 124 P 575; PC C SL 307	
10	R-17,R-38	616 Wellington Way	Walter D. & Gladys C. Martin	18,402	2,150	436	DB 1185 P 809; PC B SL 172; PC F SL 91	
11	R-38	624 Wellington Way	Wellington Way Properties	26,444	674		DB 1404 P 415; PC B SL 172; PC F SL 91	
12	R-18	3197 Clays Mill Rd	Jeanne Stoll Hart	16,383		473	DB 1192 P 636; PC L SL 699	
13	R-18	3101 Clays Mill Rd	Morrow Properties LLC	324,087	237		DB 1955 P 224; PC D SL 272	
14	R-21	3028 Neal Dr	Joseph A. Englert & Kathryn G. White	9,601	54		DB 2526 P 343; PC F SLS 559 & 698	
15	R-21	2934 Clays Mill Rd	Jeremy Reed	22,443	43		DB 2483 P 515; PC F SL 559	
16	R-21	600 Galata Dr	Floyd C. & Amy Rayburn	7,896	97		DB 2538 P 204; PC F SL 568	
17	R-21	601 Galata Dr	Harry C. & Janet W. Brown	7,913	81		DB 1606 P 582; PC F SL 568	
18	R-22	2913 Clays Mill Rd	Donna M. Parks	10,684	518		DB 1756 P 528; PC C SL 72; PC L SL 264	
19	R-22	2911 Clays Mill Rd	Zindell & Mishawn Richardson	10,627	539		DB 1714 P 614; DB 1413 P 644; PC C SL 72	
20	R-34	1856 Clays Mill Rd	Shelby Jr. and P.P. Stamper	13,790	590			
21	R-22	2909 Clays Mill Rd	Alan R. & Carolyn Y. Hisel	10,469	418		DB 1565 P 103; PC C SL 72	
22	R-22,23	2907 Clays Mill Rd	Owens Interests, LLC	10,599	374		DB 2154 P 613; PC C SL 72	
23	R-23	2909 Jason Ct	Roy Lee Edmunds	9,076	140		DB 2503 P 734; PC B SL 626	
24	R-23	2905 Clays Mill Rd	Patrick T. & Debora Tighe	10,495	360		DB 1981 PG 139; PC C SL 72	
25	R-23	2905 Jason Ct	Richard K. & Joann P. Marshall	9,098	239		DB 1891 P 148; PC B SLS 626 & 765	
26	R-23	2903 Clays Mill Rd	Patrick & Michelle Siria	10,514	343		DB 2246 P 717; PC C SL 72	
27	R-23	2901 Jason Ct	Paul S. Worth	9,876	179		DB 1312 P 160; PC B SL 626	
28	R-23	2901 Clays Mill Rd	Natalie G. & Daniel M. Allen	12,017	426		DB 2393 P 150; PC C SL 72	
29	R-23	2899 Clays Mill Rd	Elaine Craig	10,777	526		DB 1225 P 446; PC C SL 72	
30	R-23	597 Cecil Way	Ronald A. & Ann H. Corley	9,190	125			
31	R-23	2897 Clays Mill Rd	Kenneth A. & Faye Smith	10,909	666		DB 1272 P 678	
32	R-23	2814 Clays Mill Rd	Kennedy	22,180	3,944			
33	R-25	2780 Clays Mill Rd	First Assembly of God Church	246,685	113			
34	R-25	2700 Clays Mill Rd	Fayette Church of Christ	114,210	11,644			
35	R-25	2799 Clays Mill Rd	David M. & Cora R. Mudd	15,750	241			
36	R-25	2791 Clays Mill Rd	John H. & Marie A. Glover	14,939	287			
37	R-25	2787 Clays Mill Rd	Wilson C. & Rubye Sauteben	35,746	277			
38	R-26	565 Hill' N Dale Dr	William T. & Freida Clift	13,087	197			
39	R-26,27	2501 Clays Mill Rd	Mary Queen Catholic School	438,083	4,122			
40	R-28,29	2319 Clays Mill Rd	Clays Mill Elementary School	653,412	29,547			
41	R-28,29	2250 Clays Mill Rd	Roman Catholic Diocese of Lexington	611,527	30,119	605		
42	R-32	2053 Clays Mill Rd	Joseph M. & Heidi I. Hayse	9,164	58			
43	R-32	2049 Clays Mill Rd	Gilbert & Lisa A. Booth	8,482	81			
44	R-32	2045 Clays Mill Rd	Frank J. & Della Becker	7,800	114			
45	R-32	600 Mitchell Ave	Oliver & Beatrice Lyons	7,356	163			
46	R-32	2033 Clays Mill Rd	Kimberly C. Stockton	10,822	316			
47	R-32	2029 Clays Mill Rd	Marianna Butler	7,805	245			
48	R-32	2025 Clays Mill Rd	Chauncey F. Faulconer	8,173	418			
49	R-32	556 Rosemont Garden	Rosemont Baptist Church	57,839	679			
50	R-33	1930 Clays Mill Rd	Rosemont Baptist Church	11,880	186			
51	R-35	1836 Clays Mill Rd	Lafayette Christian Church	63,538	132			
52	R-35	1823 Clays Mill Rd	Steven T. & Sarah B. Farris	10,002	9			
53	R-35	1824 Clays Mill Rd	Lafayette Christian Church	9,845	201			
54	R-35	1820 Clays Mill Rd	Lafayette Christian Church	11,201	269			
55	R-35,36	1770 Harrodsburg Rd	South Side Center for Applied Technology	233,061	17,985	525		
56	R-36	1617 Clays Mill Rd	Bank One	27,192	431			
57	R-7	3564 Clays Mill Rd	Unitarian Universalist Church of Lexington, Inc.	310,180		600	DB 1283 P 222	
58	R-26	2602 Clays Mill Rd	Phillip B. & P.A. Hall	14,834		141		
59	R-34	1848 Clays Mill Rd	Phyllis Erickson & Lawrence Vogt	9,912		203		
60	R-19,45	601 Wellington Way	LFUCG Public Facilities Corporation	1,617,246		8,097	DB 2300 P 537 (Tract 2); PC L SL 722	
61	R-26,41	2601 Clays Mill Rd	Southland Evangelical Methodist Church	100,349		756		
62	R-42	601 Lane Allen Rd	Kathryn Boyd	10,190	127	600		
63	R-26,46	2610 Clays Mill Rd	Mark S. & A. Blandford	12,497		889		
64	R-26,46	2606 Clays Mill Rd	Martha & Jack Wood	12,438		891		
65	R-46	573 Claymont Dr	James Krupa	10,504		74		
66	R-24,46	2865 Clays Mill Rd	Kathy Rodgers	12,124		1,194		
67	R-24,46	2857 Clays Mill Rd	Jan Howell	11,804		566		
68	R-4	3570 Clays Mill Rd	Clays Mill Road Church of God/Trustees	56,092		525	DB 1815 P 447; PC C SL 156	
69	R-6	3469 Clays Mill Rd	Zach H. & Linda B. Carter	25,000		524	DB 2320 P 452; PC B SL 29	
70	R-16,17	3250 Clays Mill Rd	Commonwealth Development Company, LLC	15,121	15,121		DB 2103 P 186; PC M SL 595	

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
PROFESSIONAL ENGINEER

Oct. 1, 2010

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

SCALE : 1"=20'
DESIGNED BY : GFP
DRAWN BY : JLC
CHECKED BY : JBS
PROJECT NO : 03055
DATE : 08-06-10
CADD DWG ID : R-ROW SUMMARY

REV. #	BY:	DATE:

LEXINGTON FAYETTE
URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

RIGHT OF WAY SUMMARY

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-13

TRAFFIC CONTROL

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE STANDARD DRAWINGS.

2. EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL BE PAID FOR AT THE LUMP BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC" AS SET FORTH IN THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS OTHERWISE PROVIDED FOR IN THESE NOTES. THE LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC" SHALL ALSO INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING ITEMS AND OPERATIONS:

   a. ALL GRADING AND NECESSARY DRAINAGE (UNLESS A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED) FOR THE TEMPORARY ROADWAY AND REMOVAL THEREOF WHEN IT IS NO LONGER NEEDED. IF A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED, GRADING AND DRAINAGE WILL BE PAID FOR IN THE BID ITEM "DETOUR CONSTRUCTION".

   b. ALL LABOR AND MATERIALS NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES AND MARKINGS.

   c. ALL FLAGPERSONS AND TRAFFIC CONTROL DEVICES SUCH AS, BUT NOT LIMITED TO, FLASHERS, SIGNS, BARRICADES AND VERTICAL PANELS, PLASTIC DRUMS (STEEL DRUMS WILL NOT BE PERMITTED) AND CONES NECESSARY FOR THE CONTROL AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC AS SPECIFIED IN THESE NOTES, THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OR THE ENGINEER.

3. ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR, UNLESS OTHERWISE ADDRESSED, WHEN NO LONGER NEEDED.

4. THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 10 FEET. HOWEVER, DURING WORKING HOURS TWO LANES MUST BE OPENED UNDER NORMAL PEAK HOUR TRAFFICONE-WAY TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE PROJECT MANAGER PROVIDED ADEQUATE SIGNING AND FLAGPERSONS ARE AT THE LOCATION.

5. THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT, OR TEMPORARY WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.

6. IN GENERAL, ALL TRAFFIC CONTROL DEVICES SHALL BE PLACED STARTING AND PROCEEDING IN THE DIRECTION OF THE FLOW OF TRAFFIC AND REMOVED STARTING AND PROCEEDING IN THE DIRECTION OPPOSITE TO THE FLOW OF TRAFFIC.

7. THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, CROSSOVERS OR DETOURS. ALL SIGNING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.

8. IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION SCHEDULE OUTLINED IN THESE PLANS HE SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN CAN BE USED ONLY AFTER REVIEW AND APPROVAL OF THE L.F.U.C.G. ENGINEER.

9. IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS AND AN EMERGENCY VEHICLE ON AN OFFICIAL EMERGENCY RUN ARRIVES ON THE SCENE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

10. IN ADDITION TO THE REQUIREMENTS OF STANDARD SPECIFICATIONS 104.04.01 AND 204.04.02, ANY ROADWAYS THAT ARE ANTICIPATED TO BE IN USE FOR A PERIOD OF SEVEN CONSECUTIVE DAYS OR MORE FOR THE MAINTENANCE OF TRAFFIC SHALL BE PAVED WITH BITUMINOUS SURFACING MATERIALS AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE IN ACCORDANCE WITH THE APPROPRIATE BID ITEMS FOR THE TYPE OF BITUMINOUS MATERIAL SELECTED. REMOVAL OF SUCH FOR CONTINUING GRADE AND DRAIN WORK OR ANY OTHER PERMANENT WORK ITEM THAT MAY BE IN CONFLICT WITH THE TEMPORARY BITUMINOUS SURFACING SHALL BE INCIDENTAL.

11. ALL SIGNS NECESSARY FOR A MARKED DETOUR WILL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY STANDARD DRAWINGS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. ALL SIGNS REQUIRED TO MAINTAIN AND CONTROL TRAFFIC SHALL BE PAID FOR BY THE SQUARE FOOT. THIS QUANTITY SHALL INCLUDE SIGN MOUNTING HARDWARE AND POSTS. THIS APPLIES ONLY TO PROJECTS THAT ARE CLOSED TO TRAFFIC WITH A MARKED DETOUR ROUTE.

12. ANY SIGNAL HEAD ADJUSTMENTS NECESSARY FOR PHASE CONSTRUCTION SHALL BE INCIDENTAL TO MAINTAIN AND CONTROL TRAFFIC BY A INSA LEVEL II CERTIFIED SIGNAL TECHNICIAN

13. TEMPORARY SIGNALS CANNOT BE SUBSTITUTED FOR FLAGGING.

14. IF LANE CLOSURES ARE NECESSARY, FLAGGING WILL BE REQUIRED. LANE CLOSURES BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M. ARE ALLOWED AND CAN BE RESTRICTED TO LOCAL TRAFFIC IF DETOURS ARE PROVIDED. LANE CLOSURES AT OTHER TIMES REQUIRE THE WRITTEN PERMISSION OF THE L.F.U.C.G..

15. NORMAL WORKING HOURS ARE DEFINED AS DAYLIGHT HOURS.

16. TEMPORARY TRAFFIC CONTROL DEVICES SHALL INCLUDE AT A MINIMUM 4 VARIABLE MESSAGE BOARDS WHICH SHALL CONVEY TO THE PUBLIC THE STATUS OF THE ROAD CONSTRUCTION.

PROJECT PHASING

PHASE I – SECTION TWO – A

1. WHILE TRAFFIC IS BEING MAINTAINED ON EXISTING ALIGNMENT, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY PAVEMENT WIDENING (SEE DETAIL, THIS SHEET) FROM LEFT STATION 33+00 TO LEFT STATION 44+75, RIGHT STATION 50+00 TO RIGHT STATION 54+40, AND LEFT STATION 58+75 TO LEFT STATION 61+10.

2. FROM STATION 25+85.79 TO STATION 35+00, STATION 43+25 TO STATION 51+00, STATION 54+00 TO STATION 60+25, STATION 63+00 TO STATION 74+50; CONSTRUCT THE PROPOSED CLAYS MILL ROAD UNDER TRAFFIC USING FLAGPERSON(S).

3. STATION 35+00 TO STATION 43+25, STATION 51+00 TO STATION 54+00, STATION 60+25 TO STATION 63+00, WILL REQUIRE FULL DEPTH PAVEMENT, SEE MAINTENANCE OF TRAFFIC DETAIL SHEETS FOR TEMPORARY PAVEMENT WIDENING AND PHASING.

PHASE II – SECTION TWO – A

1. WHILE TRAFFIC IS BEING MAINTAINED ON EXISTING PAVEMENT AND/OR TEMPORARY PAVEMENT WIDENING THE CONTRACTOR SHALL CONSTRUCT THE RIGHT SIDE PORTION OF THE PROPOSED CLAYS MILL ROAD FROM RIGHT STATION 35+00 TO RIGHT STATION 43+25, LEFT STATION 51+00 TO LEFT STATION 54+00, RIGHT STATION 60+25 TO RIGHT STATION 63+00. PHASE II CONSTRUCTION SHALL BE THROUGH THE FINAL BASE COURSE.

PHASE III – SECTION TWO – A

1. WHILE TRAFFIC IS BEING MAINTAINED ON THE NEWLY CONSTRUCTED PORTION OF CLAYS MILL ROAD THE CONTRACTOR SHALL CONSTRUCT THE LEFT SIDE PORTION FROM LEFT STATION 35+00 TO LEFT STATION 43+25, RIGHT STATION 51+00 TO RIGHT STATION 54+00, LEFT STATION 60+25 TO LEFT STATION 63+00. PHASE III CONSTRUCTION SHALL BE THROUGH THE FINAL BASE COURSE.

PHASE IV – SECTION TWO –A

1. THE APPROACHES SHALL BE CONSTRUCTED UNDER TRAFFIC UTILIZING FLAGPERSON(S).

2. THE CONTRACTOR SHALL CONSTRUCT THE APPROACHES AS FOLLOWS:

   2.1 GRAVISS COURT – CONSTRUCT PART-WIDTH UNDER TRAFFIC; MAINTAIN 1-10' LANE USING FLAGPERSON(S).
   2.2 CROMWELL WAY – CONSTRUCT PART-WIDTH UNDER TRAFFIC; MAINTAIN 1-12' LANE USING FLAGPERSON(S).
   2.3 MERRIMAC DRIVE – CONSTRUCT PART-WIDTH UNDER TRAFFIC; MAINTAIN 1-12' LANE USING FLAGPERSON(S).
   2.4 CINDY BLAIR WAY – DOUBLE APPROACH. CLOSE ONE AND CONSTRUCT THE OTHER, MAINTAIN TRAFFIC ON THE NEWLY CONSTRUCTED CINDY BLAIR WAY AND CONSTRUCT THE OTHER.
   2.5 MONTICELLO BLVD. – DOUBLE APPROACH. CLOSE ONE AND CONSTRUCT THE OTHER, MAINTAIN TRAFFIC ON THE NEWLY CONSTRUCTED MONTICELLO BLVD. AND CONSTRUCT THE OTHER.
   2.6 KEITHSHIRE WAY – CONSTRUCT PART-WIDTH UNDER TRAFFIC; MAINTAIN 1-12' LANE USING FLAGPERSON(S).

PHASE V – SECTION TWO – A

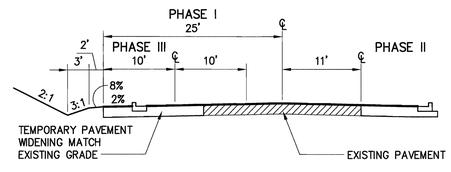
1. THE CONTRACTOR SHALL CONSTRUCT THE FINAL 1½" OVERLAY UNDER TRAFFIC WITH THE USE OF FLAGPERSON(S).

2. ENTRANCE CONSTRUCTION: THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES. THE CONTRACTOR SHALL GIVE TWENTY-FOUR (24) HOURS NOTICE TO PROPERTY OWNERS PRIOR TO ENTRANCE CONSTRUCTION.

3. THE CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES DURING CONSTRUCTION.

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED PROFESSIONAL ENGINEER

Nov. 30, 2010



* 1" SURFACE APPLIED AS DIRECTED BY THE ENGINEER

TYPICAL SECTION FOR DETOUR, DESIGN SPEED 25 MPH

NOT TO SCALE

NOTE:
TYPICAL SECTION DEPICTS TEMPORARY PAVEMENT WIDENING LEFT. SAME CONSTRUCTION FOR TEMPORARY WIDENING RIGHT.

SURFACE DESIGN:
1" SURFACE
3" BASE
8" DGA

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

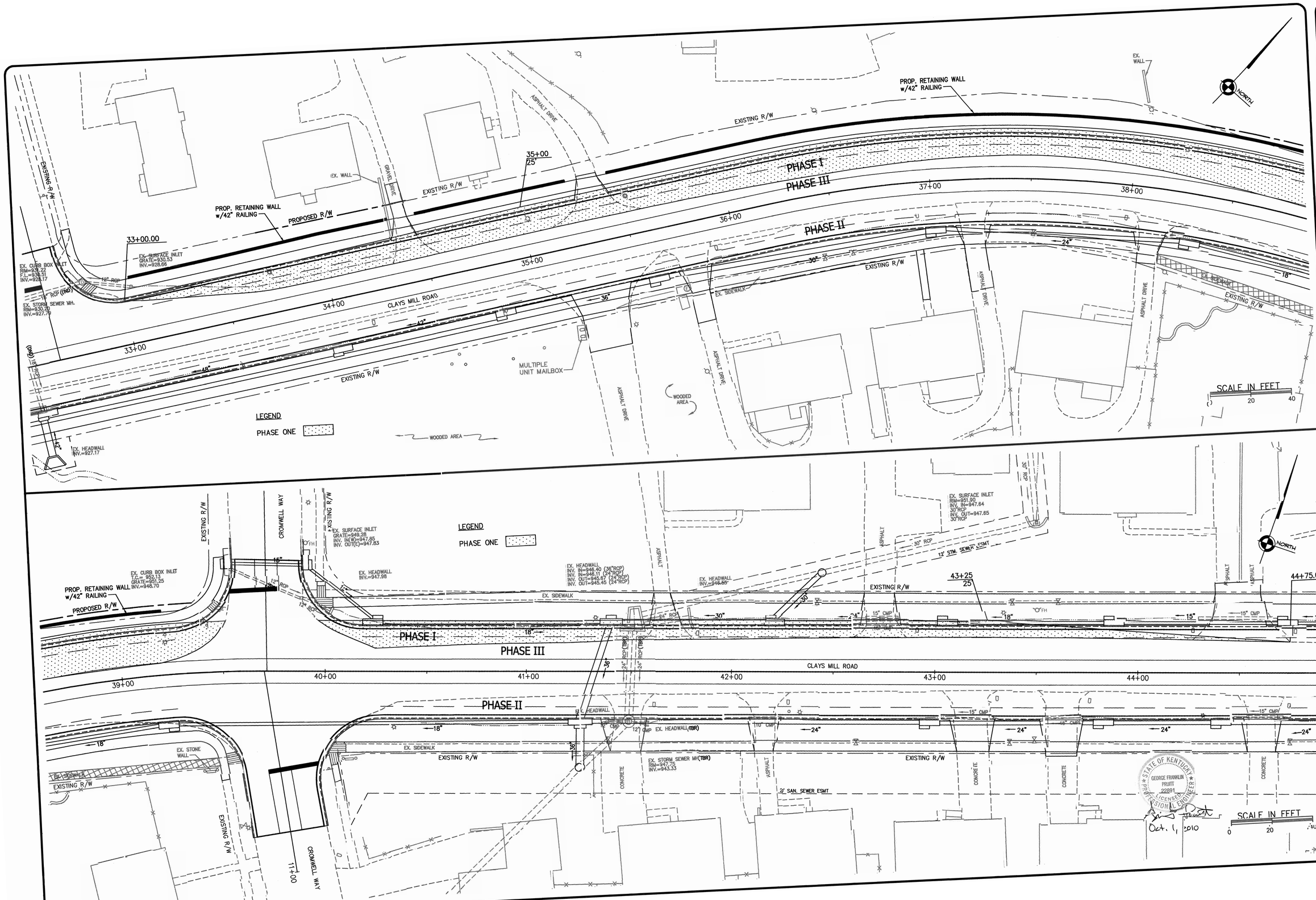
		REV. #	BY:	DATE:
SCALE :	1"=20'			
DESIGNED BY :	JBS			
DRAWN BY :	JLC			
CHECKED BY :	JBS			
PROJECT NO. :	03055			
DATE :	11-30-10			
CADD DWG ID :	3055-R14			

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

M.O.T. PHASE PLANS
GENERAL NOTES

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-14



cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

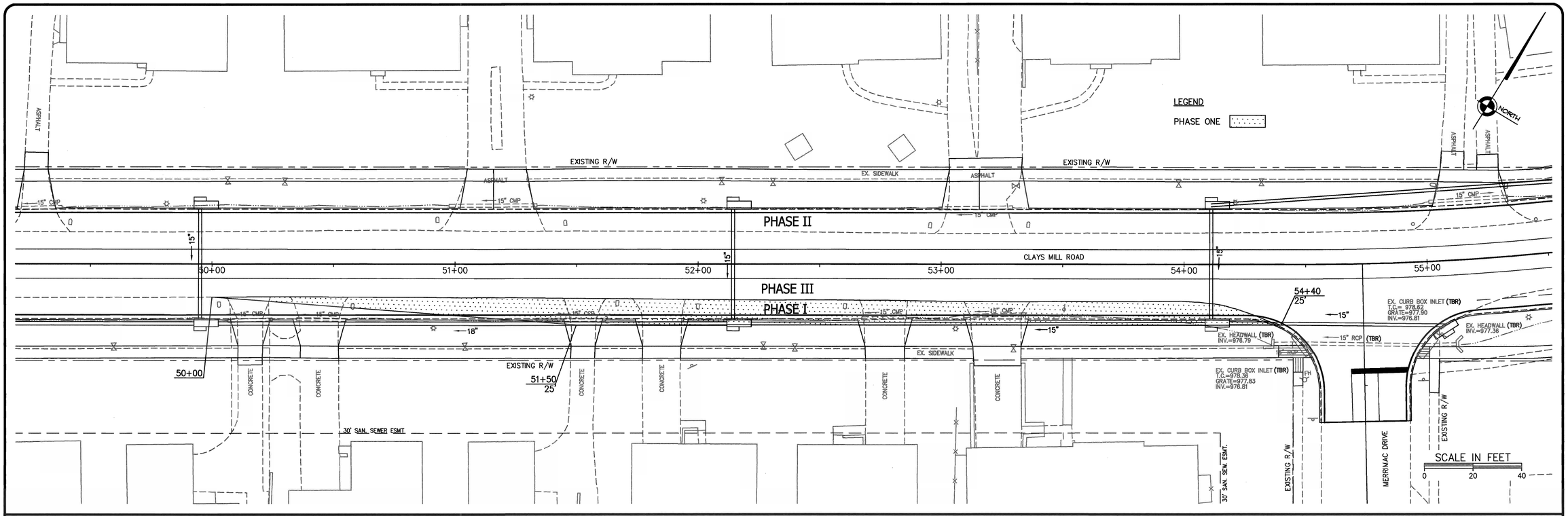
SCALE	1"=20'	REV. #	BY: DATE:
DESIGNED BY :	JBS		
DRAWN BY :	JLC		
CHECKED BY :	JBS		
PROJECT NO :	03055		
DATE	08-06-10		
CADD DWG ID :	3055-R15		

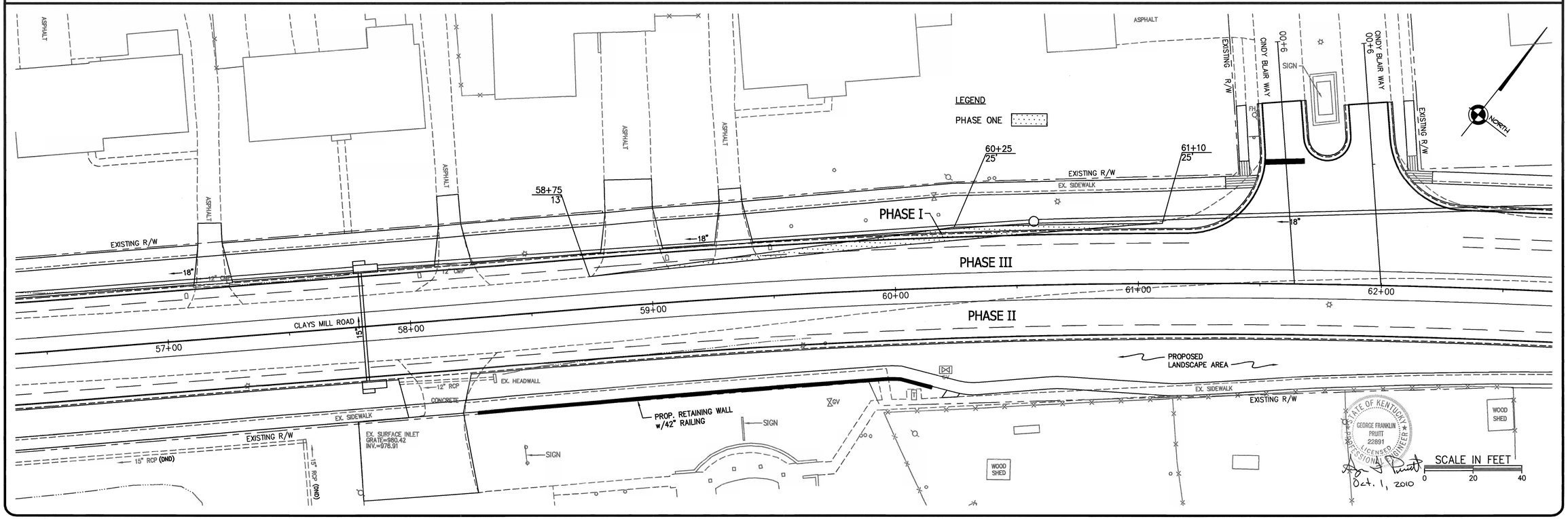
LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

M.O.T. PHASING PLAN

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-15





cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

REV. #	BY:	DATE:

SCALE	1"=20'
DESIGNED BY :	JBS
DRAWN BY :	JLC
CHECKED BY :	JBS
PROJECT NO :	03055
DATE	08-06-10
CADD DWG ID :	3055-R16

LEXINGTON FAYETTE
URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

M.O.T. PHASING PLAN

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-16

GENERAL SUMMARY FOR STRIPING
STA 26+31 – 32+00

ITEM	DESCRIPTION	QUANTITY	UNIT
(1)	4" YELLOW, CONT. LINE	1,121	LF
(2)	4" YELLOW, DASHED LINE	700	LF
(3)	4" WHITE, CONT. LINE	1,283	LF
(4)	4" WHITE, DASHED LINE	1,081	LF
(5)	6" WHITE, CONT. LINE	–	LF
(6)	12" YELLOW, CONT. LINE	–	LF
(7)	24" WHITE, CONT. LINE	–	LF
(8)	TURN ARROW	7	EA
(9)	TURN & THRU ARROW	–	EA
(10)	BIKE LANE SYMBOL	2	EA
(11)	MERGE ARROW	4	EA

NOTES:

A. ALL LANE LINE MARKINGS ARE TO BE HOT THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 mil.

B. ALL LANE USE ARROWS SHALL BE FHWA STANDARD, PREFORMED, & HOT MELT APPLIED W/ A MIN. THICKNESS OF 120 mil. AS SHOWN IN FIGURE 3B–20 OF THE MUTCD MANUAL, CURRENT EDITION. ARROW SIZES WILL BE REDUCED BY ONE THIRD FOR LOW SPEED URBAN ENVIRONMENT.

C. BIKE LANES SHALL BE MARKED WITH THE "BIKE RIDER SYMBOL", ITEM (10), AS SHOWN IN FIGURE 13 OF THE AASHTO "GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES", 3rd EDITION.

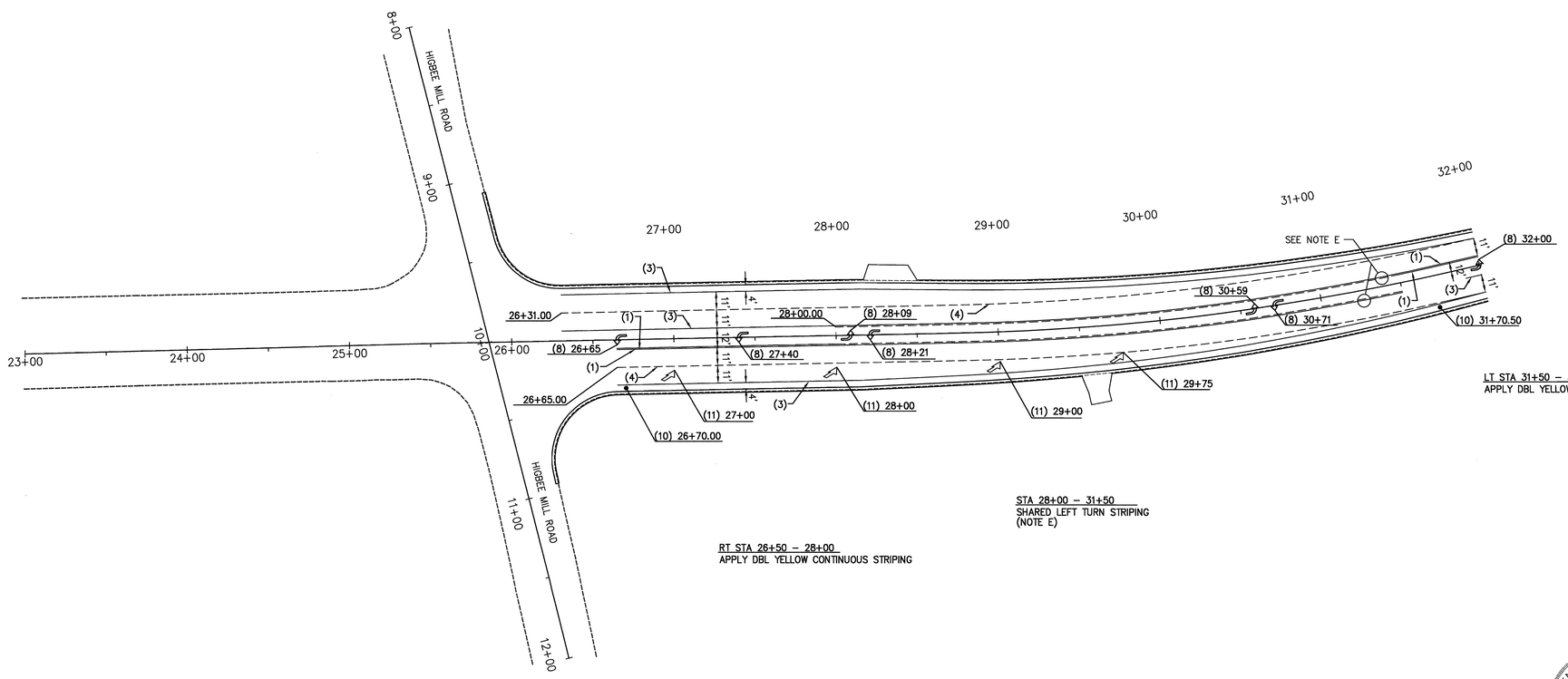
D. BIKE LANE STRIPING AT RIGHT TURN LANE TRANSITION AREAS SHALL BE A 4" WHITE DASHED LINE 2.5' LONG AND 6' SKIP CYCLE.

E. SHARED LEFT TURN STRIPING SHALL BE A 4" YELLOW DASHED LINE 10' LONG AND 30' SKIP CYCLE OFFSET 4" INSIDE 4" YELLOW CONTINUOUS LINE.

F. LEFT TURN EXTENSION STRIPING SHALL BE 4" WHITE DASHED LINE 2' LONG AND 6' SKIP CYCLE.

G. CROSS WALK STRIPING SHALL BE 6" WHITE CONTINUOUS LINES 6' WIDE.

H. 4" WHITE DASHED LINES SHALL BE 10' LONG WITH 30' SKIP CYCLE.



LT STA 31+50 – 32+00
APPLY DBL YELLOW CONTINUOUS STRIPING

STA 28+00 – 31+50
SHARED LEFT TURN STRIPING
(NOTE E)

RT STA 26+50 – 28+00
APPLY DBL YELLOW CONTINUOUS STRIPING

STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED
PROFESSIONAL ENGINEER

Nov. 30, 2010

SCALE IN FEET
0 40

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

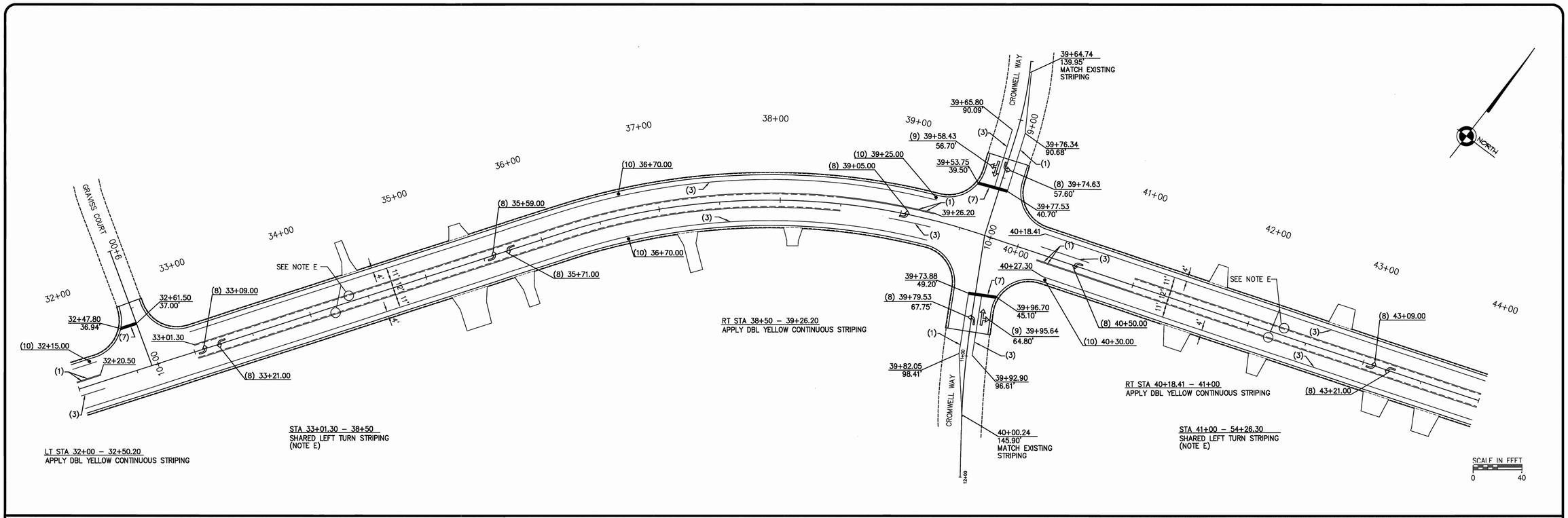
SCALE :	1"=40'	REV. #	BY:	DATE:
DESIGNED BY :	JBS			
DRAWN BY :	JLC			
CHECKED BY :	JBS			
PROJECT NO :	03055			
DATE :	11–30–10			
CADD DWG ID :	3055–R17			

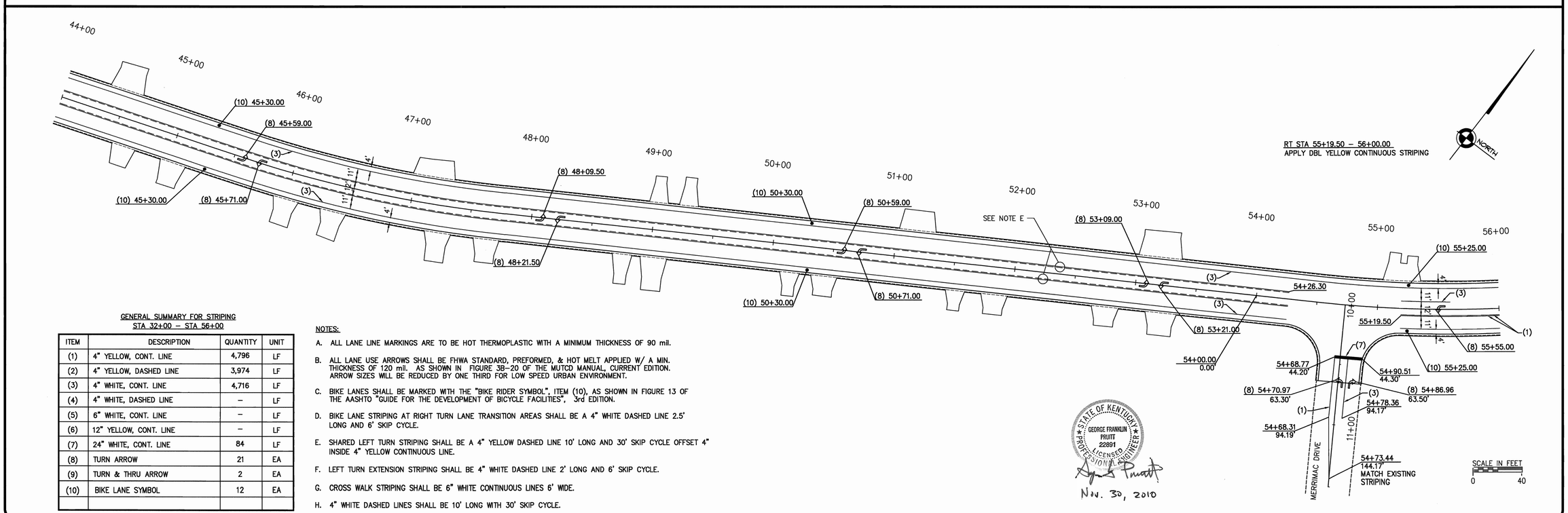
LEXINGTON FAYETTE
URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

STRIPING PLAN STA. 26+00 – 32+00

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-17





GENERAL SUMMARY FOR STRIPING
STA 32+00 – STA 56+00

ITEM	DESCRIPTION	QUANTITY	UNIT
(1)	4" YELLOW, CONT. LINE	4,796	LF
(2)	4" YELLOW, DASHED LINE	3,974	LF
(3)	4" WHITE, CONT. LINE	4,716	LF
(4)	4" WHITE, DASHED LINE	–	LF
(5)	6" WHITE, CONT. LINE	–	LF
(6)	12" YELLOW, CONT. LINE	–	LF
(7)	24" WHITE, CONT. LINE	84	LF
(8)	TURN ARROW	21	EA
(9)	TURN & THRU ARROW	2	EA
(10)	BIKE LANE SYMBOL	12	EA

NOTES:

A. ALL LANE LINE MARKINGS ARE TO BE HOT THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 mil.

B. ALL LANE USE ARROWS SHALL BE FHWA STANDARD, PREFORMED, & HOT MELT APPLIED W/ A MIN. THIOKNESS OF 120 mil. AS SHOWN IN FIGURE 3B-20 OF THE MUTCD MANUAL, CURRENT EDITION. ARROW SIZES WILL BE REDUCED BY ONE THIRD FOR LOW SPEED URBAN ENVIRONMENT.

C. BIKE LANES SHALL BE MARKED WITH THE "BIKE RIDER SYMBOL", ITEM (10), AS SHOWN IN FIGURE 13 OF THE AASHTO "GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES", 3rd EDITION.

D. BIKE LANE STRIPING AT RIGHT TURN LANE TRANSITION AREAS SHALL BE A 4" WHITE DASHED LINE 2.5' LONG AND 6' SKIP CYCLE.

E. SHARED LEFT TURN STRIPING SHALL BE A 4" YELLOW DASHED LINE 10' LONG AND 30' SKIP CYCLE OFFSET 4" INSIDE 4" YELLOW CONTINUOUS LINE.

F. LEFT TURN EXTENSION STRIPING SHALL BE 4" WHITE DASHED LINE 2' LONG AND 6' SKIP CYCLE.

G. CROSS WALK STRIPING SHALL BE 6" WHITE CONTINUOUS LINES 6' WIDE.

H. 4" WHITE DASHED LINES SHALL BE 10' LONG WITH 30' SKIP CYCLE.

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

SCALE :	1"=40'	REV. #	BY:	DATE:
DESIGNED BY :	JBS			
DRAWN BY :	JLC, SMN			
CHECKED BY :	JBS			
PROJECT NO :	03055			
DATE :	11-30-10			
CADD DWG ID :	3055-R18			

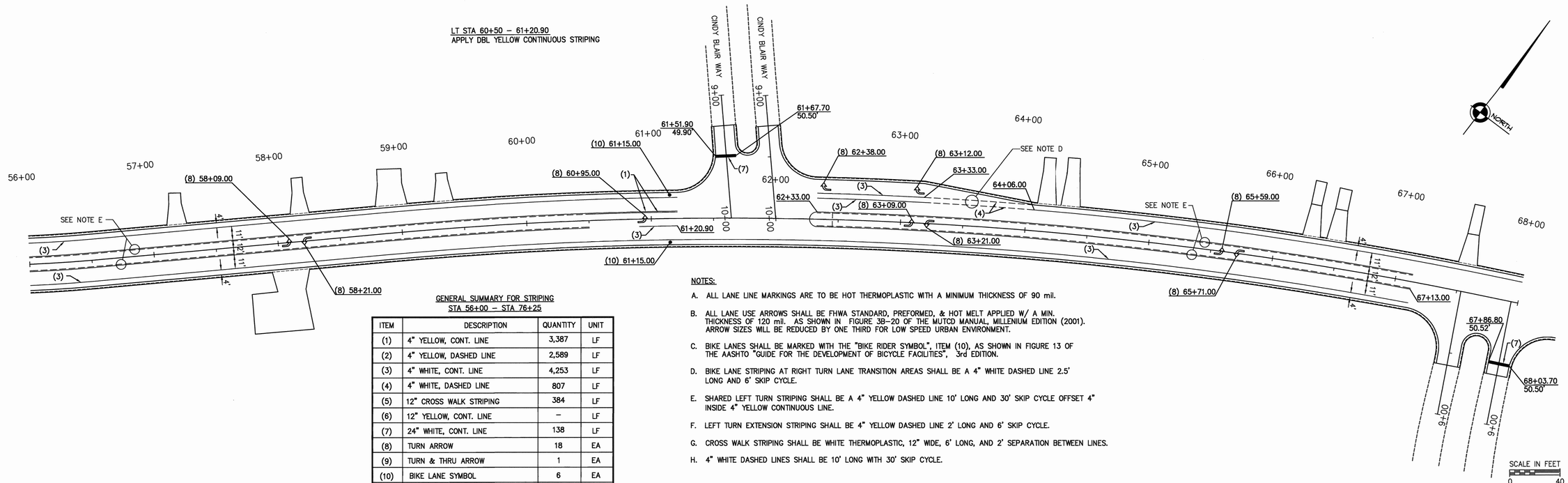
LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

STRIPING PLAN STA. 32+00 – 56+00

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
R-18

LT STA 60+50 – 61+20.90
APPLY DBL YELLOW CONTINUOUS STRIPING



GENERAL SUMMARY FOR STRIPING
STA 56+00 – STA 76+25

ITEM	DESCRIPTION	QUANTITY	UNIT
(1)	4" YELLOW, CONT. LINE	3,387	LF
(2)	4" YELLOW, DASHED LINE	2,589	LF
(3)	4" WHITE, CONT. LINE	4,253	LF
(4)	4" WHITE, DASHED LINE	807	LF
(5)	12" CROSS WALK STRIPING	384	LF
(6)	12" YELLOW, CONT. LINE	–	LF
(7)	24" WHITE, CONT. LINE	138	LF
(8)	TURN ARROW	18	EA
(9)	TURN & THRU ARROW	1	EA
(10)	BIKE LANE SYMBOL	6	EA
(11)	4" YELLOW PAINT	68	SY

NOTES:

A. ALL LANE LINE MARKINGS ARE TO BE HOT THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 mil.

B. ALL LANE USE ARROWS SHALL BE FHWA STANDARD, PREFORMED, & HOT MELT APPLIED W/ A MIN. THICKNESS OF 120 mil. AS SHOWN IN FIGURE 3B-20 OF THE MUTCD MANUAL, MILLENIUM EDITION (2001). ARROW SIZES WILL BE REDUCED BY ONE THIRD FOR LOW SPEED URBAN ENVIRONMENT.

C. BIKE LANES SHALL BE MARKED WITH THE "BIKE RIDER SYMBOL", ITEM (10), AS SHOWN IN FIGURE 13 OF THE AASHTO "GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES", 3rd EDITION.

D. BIKE LANE STRIPING AT RIGHT TURN LANE TRANSITION AREAS SHALL BE A 4" WHITE DASHED LINE 2.5' LONG AND 6' SKIP CYCLE.

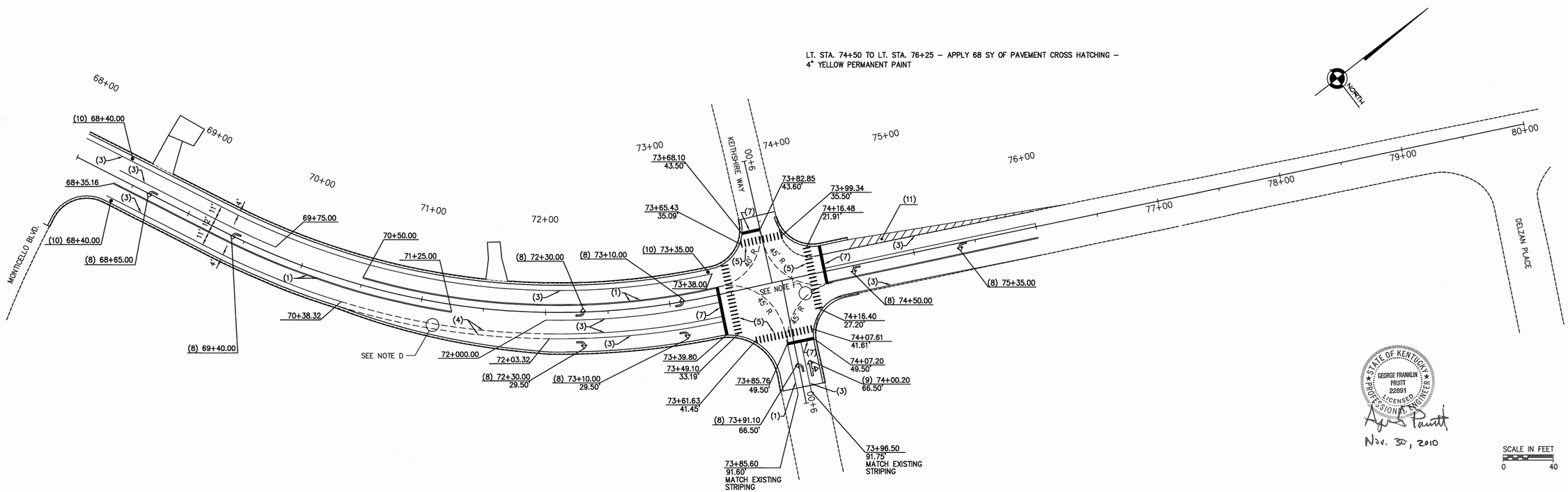
E. SHARED LEFT TURN STRIPING SHALL BE A 4" YELLOW DASHED LINE 10' LONG AND 30' SKIP CYCLE OFFSET 4" INSIDE 4" YELLOW CONTINUOUS LINE.

F. LEFT TURN EXTENSION STRIPING SHALL BE 4" YELLOW DASHED LINE 2' LONG AND 6' SKIP CYCLE.

G. CROSS WALK STRIPING SHALL BE WHITE THERMOPLASTIC, 12" WIDE, 6' LONG, AND 2' SEPARATION BETWEEN LINES.

H. 4" WHITE DASHED LINES SHALL BE 10' LONG WITH 30' SKIP CYCLE.

LT. STA. 74+50 TO LT. STA. 76+25 – APPLY 68 SY OF PAVEMENT CROSS HATCHING – 4" YELLOW PERMANENT PAINT



STATE OF KENTUCKY
GEORGE FRANKLIN PRUITT
22891
LICENSED
PROFESSIONAL ENGINEER

Nov. 30, 2010

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

SCALE :	1"=40'
DESIGNED BY :	JBS
DRAWN BY :	JLC, SMN
CHECKED BY :	JBS
PROJECT NO :	03055
DATE :	11-30-10
CADD DWG ID :	3055-R19

REV. #	BY:	DATE:

LEXINGTON FAYETTE
URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

STRIPING PLAN STA. 56+00 – 80+00

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

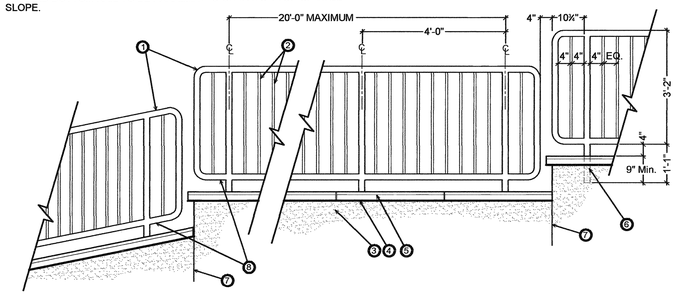
SHEET NUMBER
R-19

KEY NOTES

1. 2" DIAMETER ROUND STEEL TUBING FOR TOP, BOTTOM, AND POSTS OF GUARDRAIL.
2. 3 / 4" SOLID SQUARE BAR FOR PICKETS.
3. NON-REINFORCED GRAVITY TYPE CONCRETE RETAINING WALL WITH CULTURED STONE VENEER APPLICATION. REFER TO LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT STANDARD DRAWING NO. 180 - RETAINING WALL GRAVITY TYPE FOR DETAILING OF CONCRETE RETAINING WALL.
4. TOP OF CONCRETE RETAINING WALL / BOTTOM OF PRECAST CONCRETE CAP (TOP OF WALL SPOT ELEVATIONS SHOWN ON WALL ELEVATION SHEETS REFLECT THE LOCATION OF THIS SPOT).
5. PRECAST CONCRETE CAP.
6. CORE DRILL TOP OF CONCRETE CAP AND GRAVITY RETAINING WALL TO RECEIVE 2" DIAMETER STEEL TUBING.
7. EXPANSION JOINT MATERIAL - REFER TO EXP. JOINT DETAIL FOR PLACEMENT FREQUENCY.
8. TOP AND BOTTOM RAIL TO BE PARALLEL TO OR MATCH TOP OF WALL SLOPE.

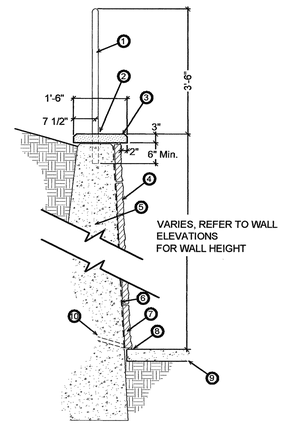
GENERAL NOTES

A. STEEL GUARDRAILS TO BE POWDER COATED. COLOR TO BE BLACK.
B. ALL VERTICAL POSTS AND PICKETS SHALL BE SET PLUMB.
C. GUARDRAIL POST SHALL BE PLACED EVERY FOUR (4) LINEAR FEET. GUARDRAIL SEGMENTS WILL NOT EXCEED TWENTY (20) LINEAR FEET FROM CENTER TO CENTER OF POST. GUARDRAIL FABRICATOR TO FIELD VERIFY ALL MEASUREMENTS AND PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
D. REFER TO WALL ELEVATION SHEETS FOR FINISH GRADE ELEVATIONS OF PROPOSED GRAVITY RETAINING WALL.
E. REFER TO LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT STANDARD DRAWING NO. 180 - RETAINING WALL GRAVITY TYPE FOR DETAILING OF CONCRETE RETAINING WALL.



A LD1 GRAVITY WALL GUARDRAIL ELEVATION

1/2" =1'-0"



KEY NOTES

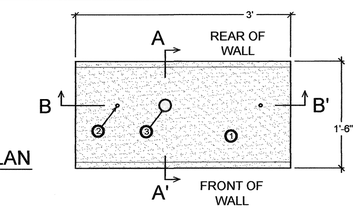
1. 2" DIAMETER STEEL GUARDRAIL POSTS.
2. CORE DRILL TOP OF CAPS AND WALLS TO RECEIVE 2" DIAMETER POSTS AND SECURE WITH WATERPROOF NON-SHRINK GROUT.
3. PRECAST CONCRETE CAP. CONTRACTOR TO CENTER CAP ABOUT TOTAL WIDTH OF WALL, INCLUDING CULTURED STONE VENEER.
4. CULTURED STONE VENEER - INSTALL PER MANUFACTURER'S SPECIFICATIONS.
5. RETAINING WALL GRAVITY TYPE NON-REINFORCED (REFER TO LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT STD. DRAWING NO. 180).
6. METAL WIRE LATHE - INSTALL PER MANU. SPECS. ALIGN LATHE AT EXPANSION JOINTS SO MATERIAL DOES NOT SPAN EXPANSION JOINTS.
7. CUT BOTTOM STONE VENEER COURSE AS NEEDED TO PROVIDE RECOMMENDED SEPARATION DISTANCE FROM VENEER AND SIDEWALK. GRAVITY WALL WEEP HOLES WILL ALSO NEED TO BE CONSIDERED.
8. EXPANSION JOINT MATERIAL BETWEEN WALL AND SIDEWALK AND BETWEEN CULTURED STONE VENEER AND SIDEWALK.
9. PROPOSED SIDEWALK.
10. PROPOSED DRAINAGE WEEP HOLE, PER LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT STANDARD DRAWING NO. 180 - RETAINING WALL GRAVITY TYPE.

GENERAL NOTES

A. CULTURED STONE PRECAST CONCRETE VENEER. REFER TO SPECIFICATIONS FOR LIST OF MANUFACTURERS.
B. WALL SHALL BE CLEAN AND FREE OF RESIDUE FROM CONCRETE FORMS OR ANY OTHER MATERIAL THAT MAY HINDER THE ADHERENCE OF CULTURED STONE VENEER
C. CULTURED STONE VENEER SHALL BE APPLIED SO THAT THE MATERIAL DOES NOT SPAN ANY EXPANSION JOINT.
D. GUARDRAIL FABRICATOR TO FIELD VERIFY ALL MEASUREMENTS AND PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.

B LD1 GRAVITY WALL GUARDRAIL SECTION

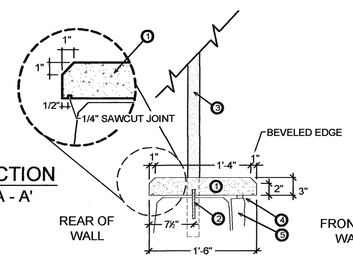
1/2" =1'-0"



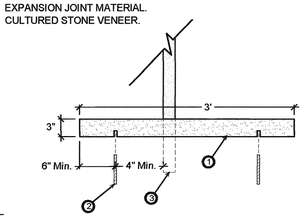
PLAN

KEY NOTES:

1. CAP TO BE PRE-CAST CONCRETE - COLOR AND FINISH TO BE SELECTED BY OWNER. DO NOT EXCEED THREE FEET (3') IN LENGTH. SECURE TO WALL PER MANUFACTURER'S SPECIFICATIONS. PROVIDE SHOP DRAWINGS OF WALL CAP FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION.
2. A MINIMUM OF TWO STEEL DOWELS (#3 REBAR) SHALL BE USED TO ANCHOR THE CAP TO THE TOP OF WALL. CORE DRILL TOP OF CAPS AND WALLS TO RECEIVE DOWELS AND SECURE WITH NON-SHRINK GROUT. DOWELS SHALL BE LOCATED A MIN. OF SIX INCHES (6") FROM THE EDGE OF CAP. DOWELS SHALL ALSO BE LOCATED A MIN. OF FOUR INCHES (4") FROM GUARDRAIL POSTS. DOWELS SHALL BE RECESSED ONE INCH (1") INTO THE PRECAST CONCRETE CAP AND A MINIMUM OF FOUR INCHES (4") INTO THE TOP OF RETAINING WALL.
3. 2" DIAMETER STEEL GUARDRAIL POST - LOCATIONS VARY- REFER TO GUARDRAIL DETAILS.
4. EXPANSION JOINT MATERIAL.
5. CULTURED STONE VENEER.



SECTION
A - A'



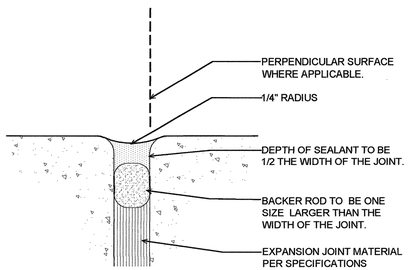
SECTION
B - B'

C LD1 PRECAST CAP DETAIL PLAN & SECTIONS

1"=1'-0"

GENERAL NOTES

A. NOTE THAT VERTICAL EXPANSION JOINTS SHALL BE PLACED IN GRAVITY RETAINING WALL IN EVERY LOCATION WHERE THERE IS A CHANGE IN ELEVATION. REFER TO WALL ELEVATION SHEETS FOR THESE ELEVATION CHANGES.
B. NOTE THAT VERTICAL EXPANSION JOINTS SHALL BE PLACED IN GRAVITY RETAINING WALL A MINIMUM OF EVERY SIXTEEN (16) LINEAR FEET OR CHANGE IN ELEVATION, WHICH EVER OCCURS FIRST.



D LD1 EXPANSION JOINT SECTION

NTS

STATE OF KENTUCKY
JASON E. HALE
730
4/9/10
REGISTERED LANDSCAPE ARCHITECT

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

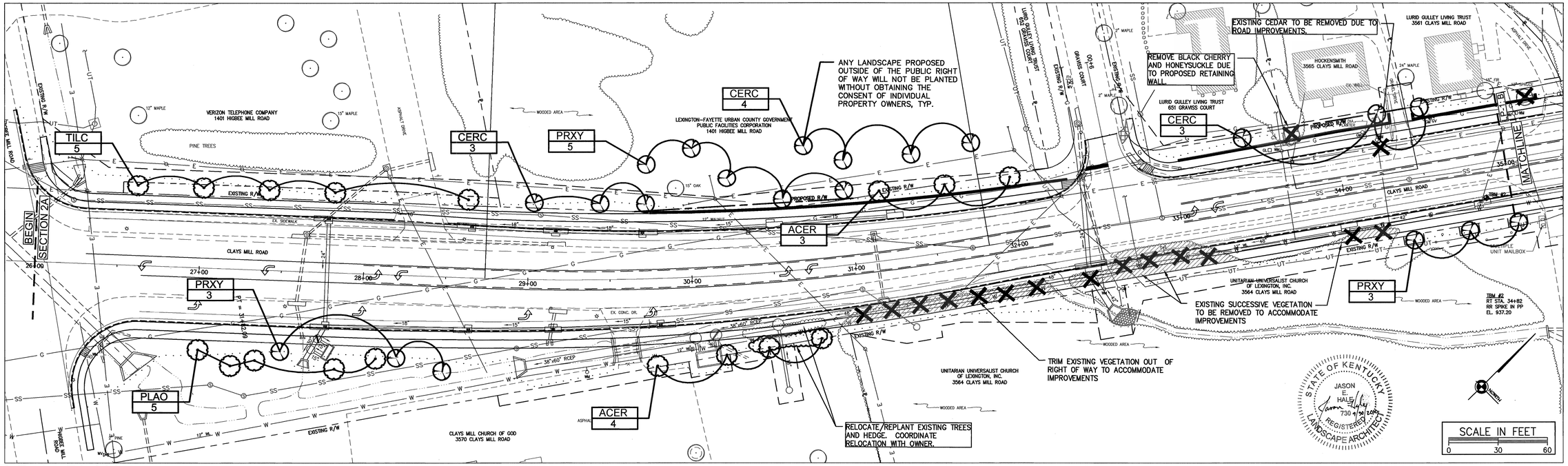
		REV. #	BY:	DATE:
SCALE :	AS NOTED			
DESIGNED BY :	JEH			
DRAWN BY :	JEH			
CHECKED BY :	JEH			
PROJECT NO :	03055			
DATE :	03-29-10			
CADD DWG ID :	LD-3055-01			

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY
40507

SITE DETAILS

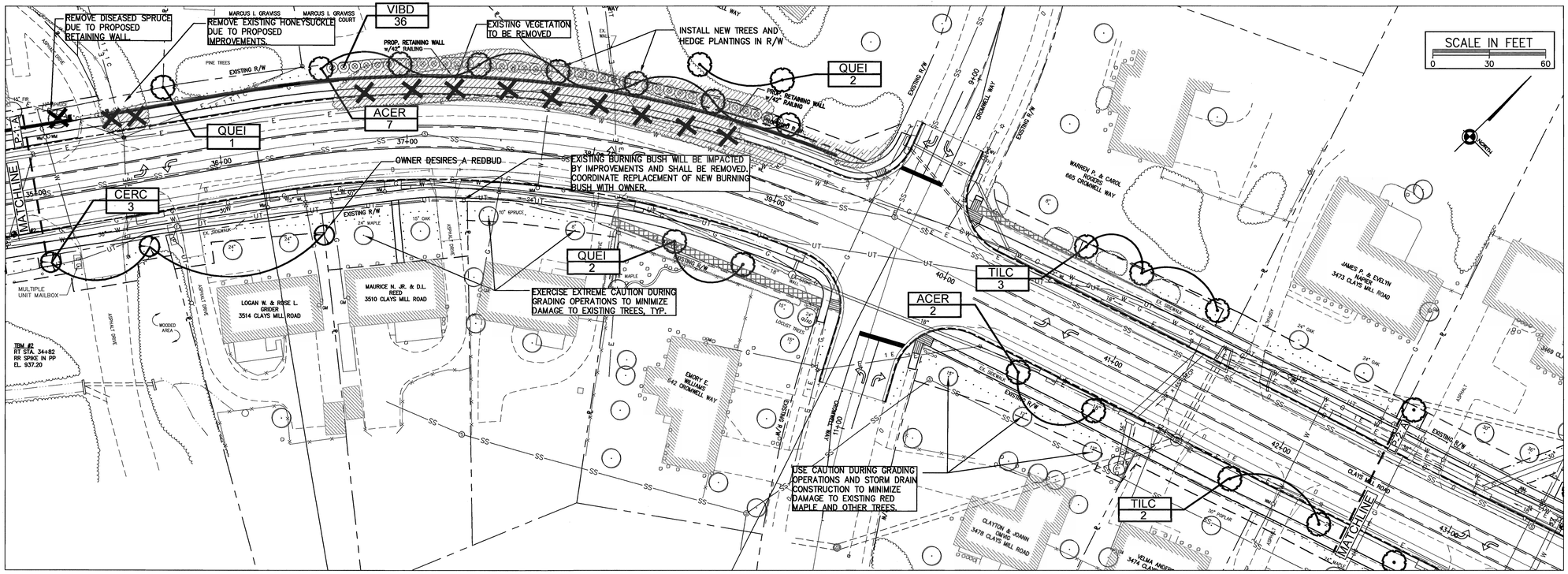
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
LD-1



LP-1: PLAN A

Scale: 1"=30'-0"



LP-1: PLAN B

Scale: 1"=30'-0"

LEGEND

EXISTING

- ROAD
- STORM SEWER
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- SIDEWALK
- GAS LINE
- UNDERGROUND TELEPHONE
- FENCE
- WATER LINE
- PROPERTY LINE
- RIGHT OF WAY
- STREAMS/DITCHES
- SANITARY SEWER
- SANITARY FORCE MAIN
- OVERHEAD TELEPHONE
- TREE
- TREE TO BE REMOVED
- GUY WIRE
- STORM SEWER MANHOLE
- WATER VALVE
- LIGHT POLE
- POWER POLE
- STORM SEWER CATCH BASIN
- SIGN
- TELEPHONE MANHOLE
- SANITARY SEWER MANHOLE
- WATER METER
- MAILBOX
- GAS MARKER
- FIRE HYDRANT
- GAS VALVE
- GAS METER
- SIGNAL BOX
- (DND) DO NOT DISTURB
- (TBR) TO BE REMOVED
- (TBA) TO BE ABANDONED

PROPOSED

- PROPOSED R/W — PROPOSED RIGHT OF WAY
- BIKE LANE
- FACE OF CURB
- CONSTRUCTION LIMITS
- STORM DRAIN PIPE
- STORM MANHOLE
- SURFACE INLET
- CURB BOX INLET
- LANE ARROW
- HEADWALL
- LANDSCAPE EASEMENT
- SMALL/ORNAMENTAL TREE
- LARGE TREE

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

REV. #	BY:	DATE:

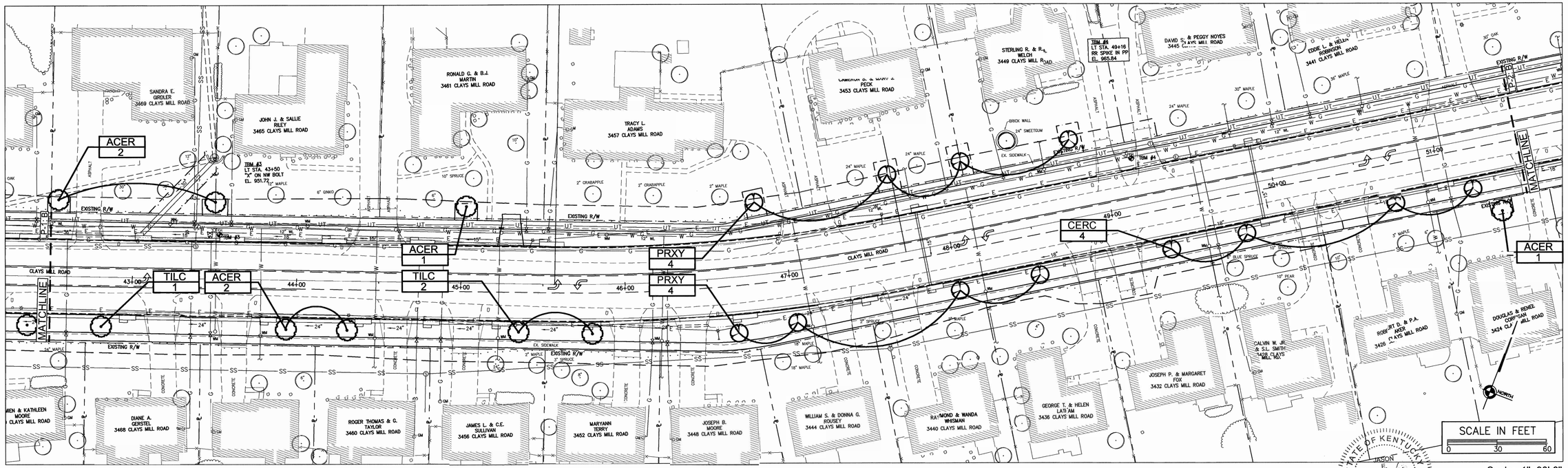
SCALE : 1"=30'
DESIGNED BY : JEH
DRAWN BY : JEH
CHECKED BY : BWW
PROJECT NO : 03055
DATE : 08-06-10
CADD DWG ID : LP-3055-01

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

LANDSCAPE PLAN STA. 26+00 – 42+50

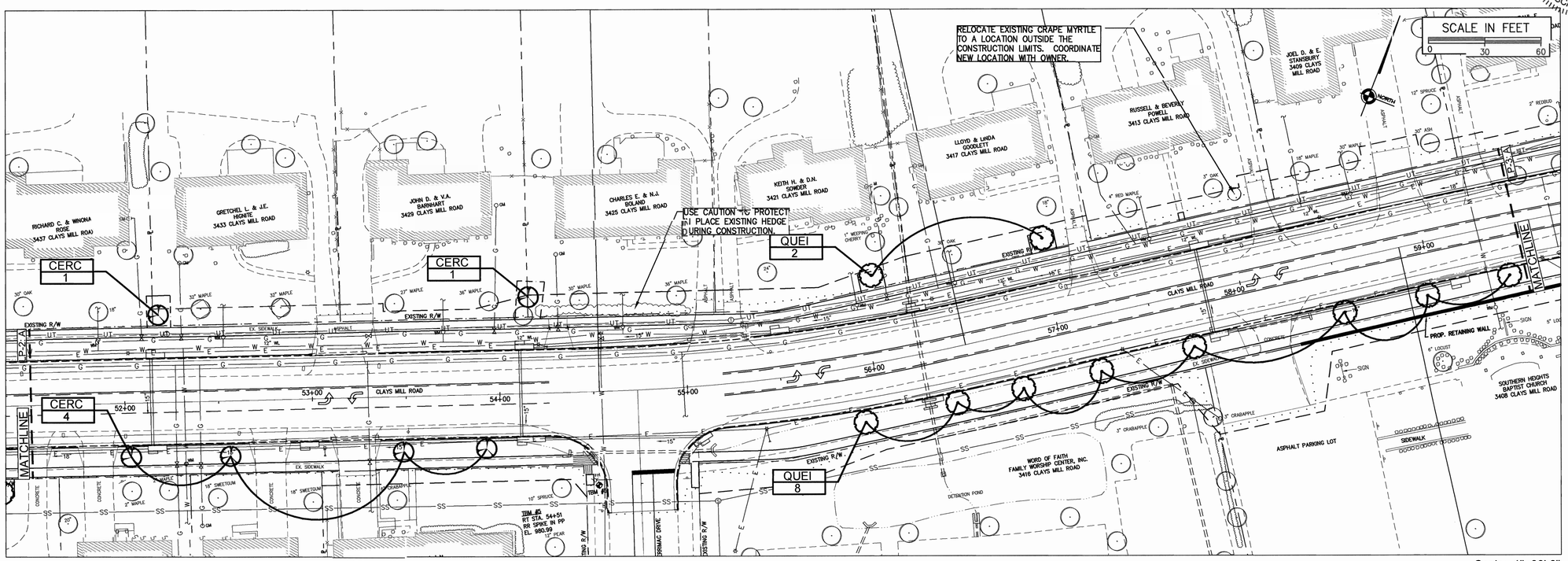
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
LP-1



LP-2: PLAN A

Scale: 1"=30'-0"



LP-2: PLAN B

Scale: 1"=30'-0"

STATE OF KENTUCKY
JASON E. HALE
730
REGISTERED LANDSCAPE ARCHITECT

LEGEND

EXISTING

- ROAD
- STORM SEWER
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- SIDEWALK
- GAS LINE
- UNDERGROUND TELEPHONE
- FENCE
- WATER LINE
- PROPERTY LINE
- RIGHT OF WAY
- STREAMS/DITCHES
- SANITARY SEWER
- SANITARY FORCE MAIN
- OVERHEAD TELEPHONE
- TREE
- TREE TO BE REMOVED
- STORM SEWER MANHOLE
- WATER VALVE
- LIGHT POLE
- POWER POLE
- STORM SEWER CATCH BASIN
- SIGN
- TELEPHONE MANHOLE
- SANITARY SEWER MANHOLE
- WATER METER
- MAILBOX
- GAS MARKER
- FIRE HYDRANT
- GAS VALVE
- GAS METER
- SIGNAL BOX
- (DND) DO NOT DISTURB
- (TBR) TO BE REMOVED
- (TBA) TO BE ABANDONED

PROPOSED

- PROPOSED RIGHT OF WAY
- BIKE LANE
- FACE OF CURB
- CONSTRUCTION LIMITS
- STORM DRAIN PIPE
- STORM MANHOLE
- SURFACE INLET
- CURB BOX INLET
- LANE ARROW
- HEADWALL
- LANDSCAPE EASEMENT
- SMALL/ORNAMENTAL TREE
- LARGE TREE

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

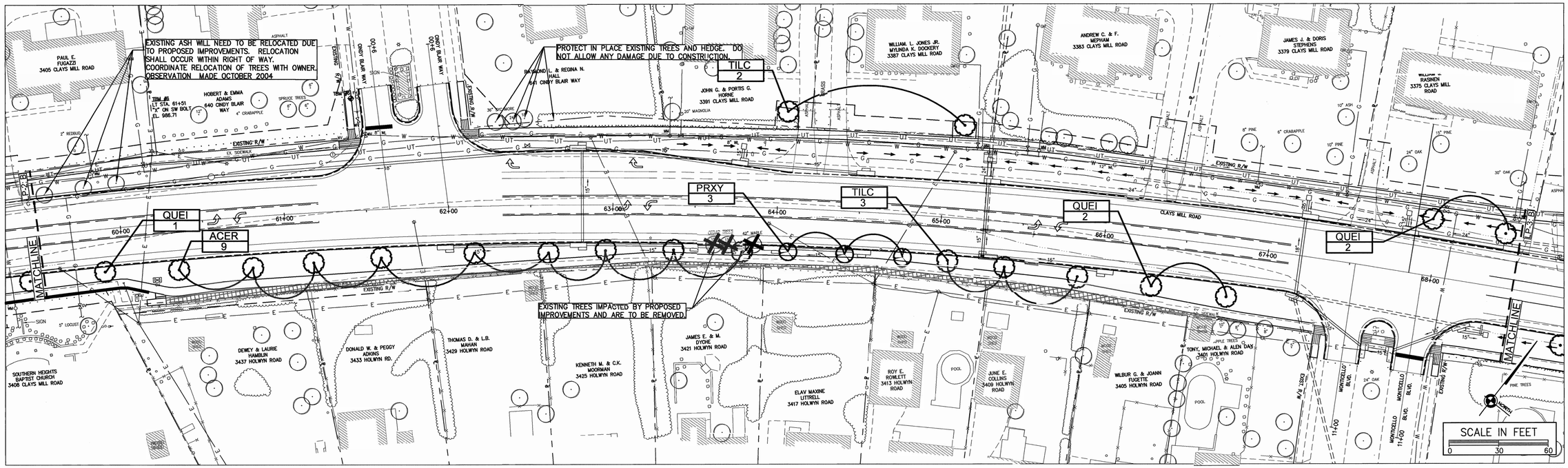
SCALE :	1"=30'	REV. #	BY:	DATE:
DESIGNED BY :	JEH			
DRAWN BY :	JEH			
CHECKED BY :	BWW			
PROJECT NO :	03055			
DATE :	08-06-10			
CADD DWG ID :	LP-3055-01			

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

LANDSCAPE PLAN
STA. 42+50 – 59+50

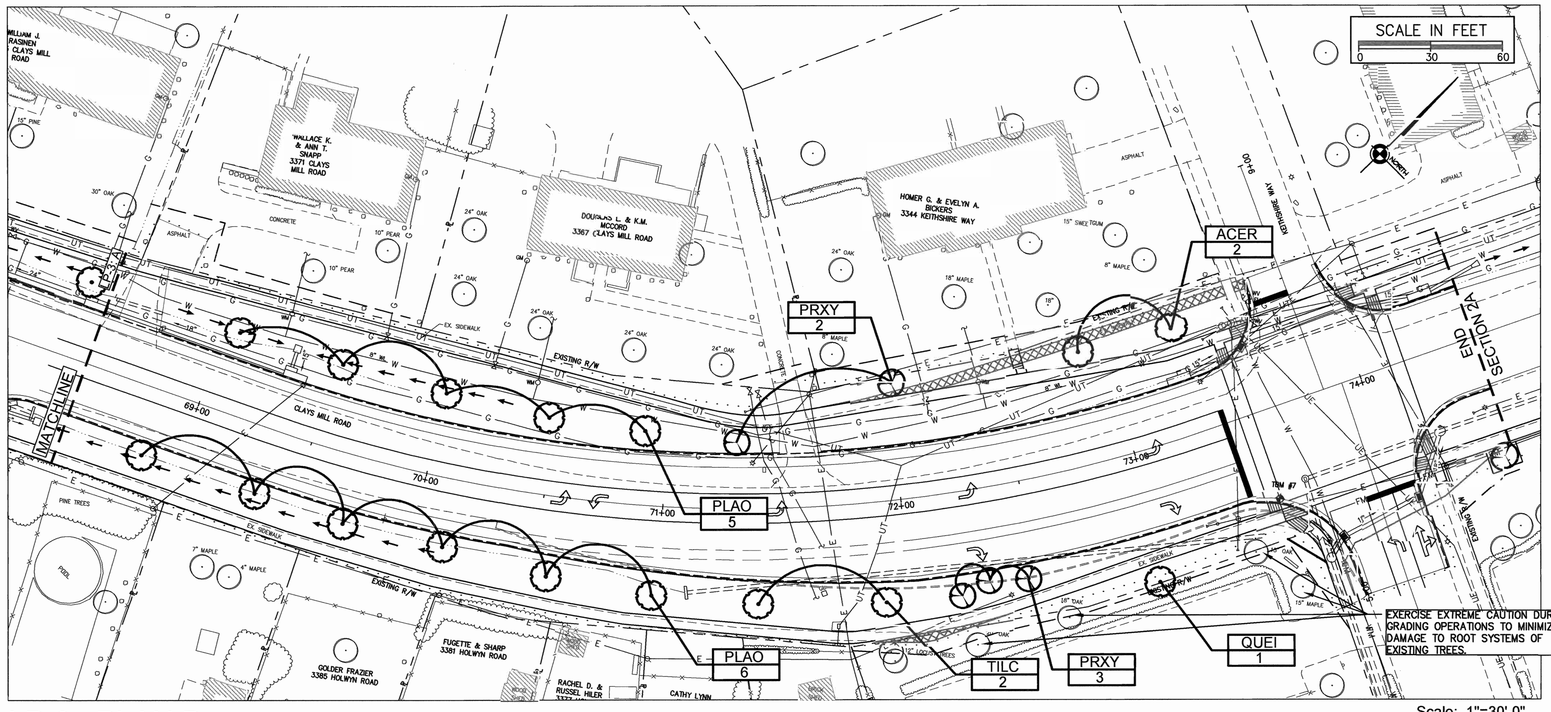
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
LP-2



LP-3: PLAN A

Scale: 1"=30'-0"



LP-3: PLAN B

Scale: 1"=30'-0"

STATE OF KENTUCKY
JASON E. HALE
730
REGISTERED LANDSCAPE ARCHITECT

LEGEND

EXISTING

- ROAD
- STORM SEWER
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- SIDEWALK
- GAS LINE
- UNDERGROUND TELEPHONE
- FENCE
- WATER LINE
- PROPERTY LINE
- RIGHT OF WAY
- STREAMS/DITCHES
- SANITARY SEWER
- SANITARY FORCE MAIN
- OVERHEAD TELEPHONE
- TREE
- TREE TO BE REMOVED
- STORM SEWER MANHOLE
- WATER VALVE
- LIGHT POLE
- POWER POLE
- STORM SEWER CATCH BASIN
- SIGN
- TELEPHONE MANHOLE
- SANITARY SEWER MANHOLE
- WATER METER
- MAILBOX
- GAS MARKER
- FIRE HYDRANT
- GAS VALVE
- GAS METER
- SIGNAL BOX
- (DND) DO NOT DISTURB
- (TBR) TO BE REMOVED
- (TBA) TO BE ABANDONED

PROPOSED

- PROPOSED R/W — PROPOSED RIGHT OF WAY
- BIKE LANE
- FACE OF CURB
- CONSTRUCTION LIMITS
- STORM DRAIN PIPE
- STORM MANHOLE
- SURFACE INLET
- CURB BOX INLET
- LANE ARROW
- HEADWALL
- LANDSCAPE EASEMENT
- SMALL/ORNAMENTAL TREE
- LARGE TREE

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

SCALE :	1"=30'	REV. #	BY:	DATE:
DESIGNED BY :	JEH			
DRAWN BY :	JEH			
CHECKED BY :	BWW			
PROJECT NO :	03055			
DATE :	08-06-10			
CADD DWG ID :	LP-3055-01			

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

LANDSCAPE PLAN
STA. 59+50 – 74+50
CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
LP-3

GENERAL LANDSCAPE NOTES

1. ANY LANDSCAPE PROPOSED TO BE PLANTED OUTSIDE OF THE PUBLIC RIGHT OF WAY WILL NOT BE PLANTED WITHOUT OBTAINING THE CONSENT OF INDIVIDUAL PROPERTY OWNERS.
2. REVIEW THE LANDSCAPE PLAN WITH THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO STARTING ANY WORK IN THE FIELD.
3. UNLESS OTHERWISE SPECIFIED, ALL PLANTS TO BE FURNISHED BALLED AND BURLAPPED. ONLY NURSERY GROWN PLANT MATERIAL SHALL BE USED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND AVOIDING ANY AND ALL UNDERGROUND UTILITIES. DAMAGE CAUSED DURING THESE OPERATIONS SHALL BE REPLACED AT NO COST TO THE OWNER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REMOVAL OF ALL BINDING CORDS AND ROPES FROM THE TRUNKS OF ALL TREES AND SHRUBS IMMEDIATELY AFTER PLANTING.
6. ALL PLANTING AREAS SHALL BE MULCHED WITH APPROVED ORGANIC HARDWOOD MULCH.
7. ALL PLANT MATERIAL SHALL MEET THE CURRENT MINIMUM STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN AS SPECIFIED IN AMERICAN STANDARD FOR NURSERY STOCK.
8. ALL PLANTING AREAS SHALL BE FILLED AND BACKFILLED WITH CLEAN TOPSOIL FREE OF BUILDING DEBRIS, CRUSHED ROCK, MORTAR MIX, ETC.
9. THE QUANTITIES INDICATED ON THE MATERIAL SCHEDULE ARE AN APPROXIMATION PROVIDED FOR THE BENEFIT OF THE CONTRACTOR AND ARE FOR INFORMATIONAL PURPOSES ONLY. IN THE EVENT OF A DISCREPANCY THE PLANTING PLAN WILL TAKE PRECEDENCE OVER THE MATERIAL SCHEDULE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY CALCULATIONS AND THE LIABILITY PERTAINING TO THOSE QUANTITIES AND ANY RELATED CONTRACT DOCUMENTS AND/OR PRICE QUOTATIONS.
10. IF ANY CONFLICTS ARISE DURING THE INSTALLATION OF THE PLANT MATERIAL, NOTIFY THE LANDSCAPE ARCHITECT FOR RESOLUTION.

SHRUB LIST

QUANTITY	ABBREV.	BOTANICAL NAME	COMMON NAME		MINIMUM SPREAD	MINIMUM HEIGHT	MINIMUM BALL DIA.	NO.CANE	COMMENTS:
36	VIBD	Viburnum dentatum	Arrowood Viburnum		30"	36"	18"	5	Plants to be balled & burlapped & uniform in appearance

UNDERSTORY TREE LIST

QUANTITY	ABBREV.	BOTANICAL NAME	COMMON NAME	MINIMUM CALIPER	MINIMUM SPREAD	MINIMUM HEIGHT	MINIMUM BALL DIA.	NO.CANE	COMMENTS:
23	CERC	Cercis canadensis	Redbud	2"		8'	30"	1	Plants to be pruned/trained as standards (single trunk) and uniform in appearance
27	PRXY	Prunus x yedoensis	Yoshino Cherry	2"		8'	30"	1	Plants to be pruned/trained as standards (single trunk) and uniform in appearance

CANOPY TREE LIST

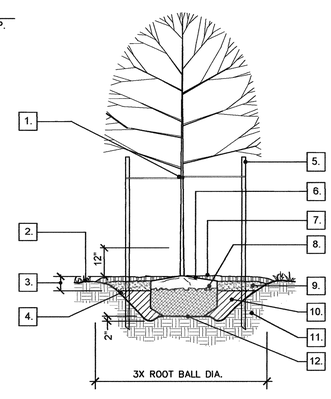
QUANTITY	ABBREV.	BOTANICAL NAME	COMMON NAME	MINIMUM CALIPER	MINIMUM SPREAD	MINIMUM HEIGHT	MINIMUM BALL DIA.	NO.CANE	COMMENTS:
29	ACER	Acer rubrum	Red Maple	2 1/2"		12' to 14'	30"	1	Trees to have a strong central leader and uniform in appearance
11	PLAO	Platanus occidentalis	Sycamore	2 1/2"		12' to 14'	30"	1	Trees to have a strong central leader and uniform in appearance
21	QUEI	Quercus imbricaria	Shingle Oak	2 1/2"		12' to 14'	30"	1	Trees to have a strong central leader and uniform in appearance
20	TILC	Tilia cordata	Littleleaf Linden	2 1/2"		12' to 14'	30"	1	Trees to have a strong central leader and uniform in appearance

QUANTITIES ARE PROVIDED FOR REFERENCE PURPOSES ONLY.
LANDSCAPE CONTRACTOR TO VERIFY ALL QUANTITIES.

CERC — TREE ABBREVIATION
4 — QUANTITY

STATE OF KENTUCKY
JASON E. HALE
730
REGISTERED LANDSCAPE ARCHITECT
9/30/2010

NOTES:
1. COMMERCIAL GRADE POLYPROPYLENE TREE STRAP. (NO WIRES PERMITTED)
2. FINISHED GRADE.
3. ONE THIRD DEPTH OF ROOTBALL.
4. TAPER SIDE OF TREE PIT.
5. 2"X2"X8' UNTREATED WOOD STAKE.
6. SET TOP OF ROOT BALL 2" HIGHER THAN FINISHED GRADE.
7. 2" SHREDDED HARDWOOD BARK MULCH.
8. REMOVE BURLAP FROM TOP ONE THIRD OF ROOT BALL.
9. SOIL MIX - REFER TO SPECIFICATIONS.
10. BACKFILL W. EX. TOPSOIL (NO STONES >1" DIA.)
11. EXISTING SUB-GRADE.
12. 2" RAISED SUB-GRADE PLATFORM
13. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
14. PRUNE ONLY AS DIRECTED BY OWNER.

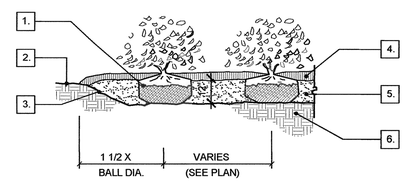


STAKING SCHEDULE:

CALIPER	# Of Stakes
< 3"	2 STAKES
≥ 3"	3 STAKES

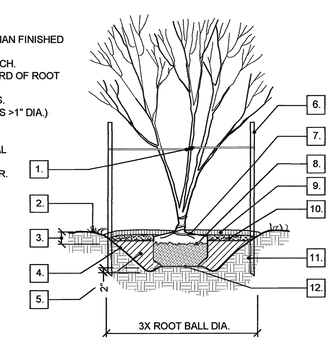
1 LP4 TREE PLANTING DETAIL
N.T.S.

NOTES:
1. REMOVE BURLAP FROM TOP ONE-THIRD OF ROOT BALL.
2. FINISHED GRADE
3. TAPER SIDE OF PIT.
4. 2" SHREDDED HARDWOOD BARK MULCH.
5. SOIL MIX - REFER TO SPECIFICATIONS.
6. EXISTING SUB-GRADE.
7. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. PRUNE ONLY AS DIRECTED BY OWNER.



2 LP4 SHRUB PLANTING DETAIL
N.T.S.

NOTES:
1. COMMERCIAL GRADE POLYPROPYLENE TREE STRAP. (NO WIRES PERMITTED)
2. FINISHED GRADE.
3. ONE THIRD DEPTH OF ROOTBALL.
4. TAPER SIDE OF TREE PIT.
5. 2"X2"X8' UNTREATED WOOD STAKE.
6. SET TOP OF ROOT BALL 2" HIGHER THAN FINISHED GRADE.
7. 2" SHREDDED HARDWOOD BARK MULCH.
8. REMOVE BURLAP FROM TOP ONE THIRD OF ROOT BALL.
9. SOIL MIX - REFER TO SPECIFICATIONS.
10. BACKFILL W. EX. TOPSOIL (NO STONES >1" DIA.)
11. EXISTING SUB-GRADE.
12. 2" RAISED SUB-GRADE PLATFORM
13. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
14. PRUNE ONLY AS DIRECTED BY OWNER.



STAKING SCHEDULE:

CALIPER	# Of Stakes
< 3"	2 STAKES
≥ 3"	3 STAKES

3 LP4 ORNAMENTAL TREE PLANTING DETAIL
N.T.S.

cdpengineers
3250 blazer pkwy lexington ky 40509 T 859.264.7500 F 859.264.7501

SCALE :	NOT TO SCALE	REV. #	BY:	DATE:
DESIGNED BY :	JEH			
DRAWN BY :	JEH			
CHECKED BY :	JEH			
PROJECT NO :	03055			
DATE :	09-29-10			
CADD DWG ID :	LP-3055-01			

LEXINGTON FAYETTE URBAN CO. GOVERNMENT
200 E. MAIN STREET
LEXINGTON, KENTUCKY 40507

LANDSCAPE NOTES

CLAYS MILL ROAD IMPROVEMENTS
LEXINGTON, KENTUCKY

SHEET NUMBER
LP-4