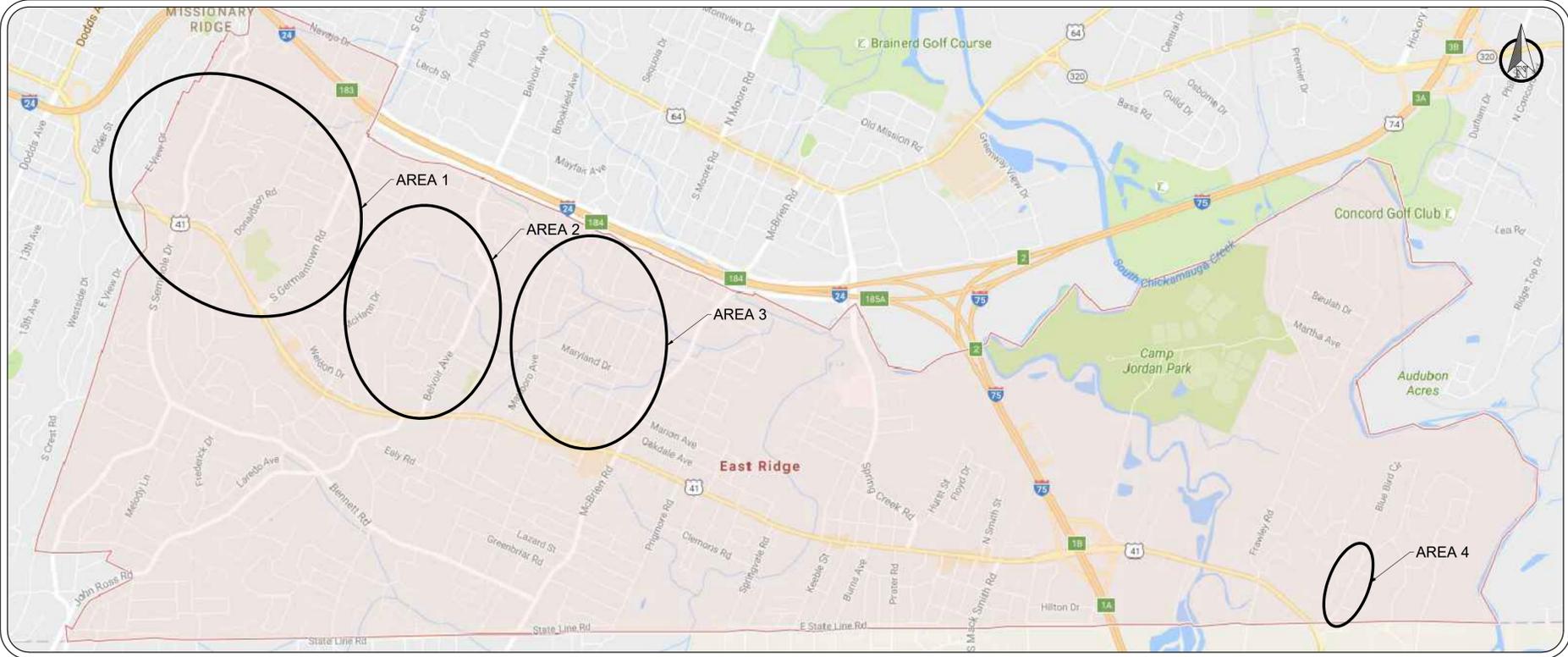


# 2024 STREET IMPROVEMENT PLANS

FOR

# CITY OF EAST RIDGE

HAMILTON COUNTY | TENNESSEE



**LOCATION MAP**

SCALE: NTS

**CONTACTS**

**OWNER**

CITY OF EAST RIDGE  
CITY MANAGER - SCOTT MILLER  
1517 TOMBRAS AVE  
EAST RIDGE, TN 37412  
CDORSEY@EASTRIDGETN.GOV  
423.867.7711

**ENGINEER**

ASA ENGINEERING & CONSULTING  
201 CHEROKEE BLVD  
CHATTANOOGA, TN 37405  
423.805.3700

**CITY OF EAST RIDGE STREET IMPROVEMENTS**

AREA 1	
S. SEMINOLE AT MASON	INTERSECTION
S. SEMINOLE	800 TO 774
S. SEMINOLE	750 BLOCK
S. SEMINOLE	516 BLOCK
S. SEMINOLE	510 TO 532
GLEASON AT DUNLAP	INTERSECTION
DUNLAP	706 TO 715
CLAREMONT TO GERMANTOWN	INTERSECTION
AREA 2	
HIBBLER CIR	DEAD END AREA
HIBBLER CIR	1022 BLOCK
CEMETERY RD	
FOUNTAIN AVE	3701, 3704, 3708, 3722, 3738 BLOCK
MCHANN TO GERMANTOWN	VARIOUS OVERLAY
MCHANN NEAR FOUNTAIN	INTERSECTION
FOUNTAIN	3901
BEVOIR	FROM CURVE TO S. TERRACE
SWEETBRIAR	617 BLOCK
AREA 3	
SHADY DR	FOUNTAIN TO DELEWARE
DELEWARE	SHADY TO MOORE
ANDERSON	MCBRIEN TO 50-FT PAST LOVELL
LOVELL	ANDERSON TO S. TERRACE
MOORE	OAKDALE TO RINGGOLD
CLOSE ROAD	JOHN ROSS TO MISSIONARY
EASTWAY TERRACE	
AREA 4	
SANCTUARY	STATE LINE TO HARRIS
CAMP JORDAN	EMERGENCY REPAIRS

**INDEX OF SHEETS**

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C1.0	STREET IMPROVEMENTS (AREA 1)
C1.1	STREET IMPROVEMENTS (AREA 2)
C1.2	STREET IMPROVEMENTS (AREA 2)
C1.3	STREET IMPROVEMENTS (AREA 3)
C1.4	STREET IMPROVEMENTS (AREA 3)
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2024 STREET IMPROVEMENTS

FOR CITY OF EAST RIDGE

EAST RIDGE, TN

No.	Revision/Issue	Date

PROJECT NO.	20-0081-24
DATE	01/27/2024
SCALE	AS SHOWN
DESIGNED BY	JS
DRAWN BY	SRH
CHECKED BY	RT
TITLE	

COVER

SHEET NO.

# C0.0

# GENERAL NOTES

## GRADING

- (1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

## DRAINAGE

THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFIED DESIGN. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

## UTILITIES

- (2) THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- (3) UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- (4) THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (5) PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS.
- (6) THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106.

## MISCELLANEOUS

- (7) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES WHERE AND AS DIRECTED BY THE ENGINEER.
- (8) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA

## ROAD CLOSURE

- (9) NO LESS THAN SEVEN (7) DAYS PRIOR TO THE CLOSURE OF THE ROAD, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE APPROXIMATE DURATION OF THE CONSTRUCTION: THESE PARTIES INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, AND (6) LOCAL ROAD SUPERINTENDENT.

## PAVEMENT MARKINGS

### TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS

- (10) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (4" LINE), L.M.

### FINAL PAVEMENT MARKING - 4" SPRAY THERMOPLASTIC (40 mil)

- (11) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 4" SPRAY THERMOPLASTIC (40 mil) INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-13.06, SPRAY THERMO PAINT MKNG (40 mil) (4IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

## PAVEMENT

### PAVING

- (12) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.

## RESURFACING

- (13) WHERE DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- (14) ALL PUBLIC SIDE ROADS SHALL BE PAVED ONE PAVEMENT WIDTH THROUGH THE INTERSECTION AS A MINIMUM. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD OR BUSINESS ENTRANCE SHALL BE PROVIDED. SHOULD THE PAVEMENT OF THE INTERSECTING PUBLIC ROAD BE DISTRESSED, THE RESURFACING WIDTH MAY BE INCREASED TO THE NORMAL RIGHT OF WAY LINE.
- (15) PRIVATE DRIVEWAYS, FIELD ENTRANCES, AND BUSINESS ENTRANCES WILL BE RESURFACED A PAVEMENT WIDTH (LANE WIDTH) AS A MINIMUM. A PAVEMENT TAPER TO TRANSITION THE NEW PAVEMENT SHALL BE REQUIRED. IT SHALL BE BASED ON AN ADDITIONAL ONE FOOT OF WIDTH PER ONE INCH DEPTH OF PAVEMENT. IF THE SHOULDER IS NARROW ENOUGH THAT THE SUM OF THE SHOULDER AND THE TRANSITION ARE LESS THAN A PAVEMENT WIDTH, THE TRANSITION SHALL OCCUR WITHIN THE PAVEMENT WIDTH. IF THE SUM OF THE SHOULDER AND THE TRANSITION IS GREATER THAN A PAVEMENT WIDTH (LANE WIDTH), THE TRANSITION SHALL OCCUR OUTSIDE OF THE PAVEMENT WIDTH.
- (16) ON CURB AND GUTTER SECTIONS, PUBLIC ROAD INTERSECTIONS SHALL BE RESURFACED TO THE END OF RADIUS. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD SHALL BE PROVIDED.
- (17) ON URBAN TYPICAL SECTIONS, (CURB AND GUTTER), RESIDENTIAL DRIVEWAYS AND BUSINESS ENTRANCES SHALL HAVE A MINIMUM WIDTH OF MATERIAL NOT LESS THAN ONE FOOT USED IN THE TRANSITION TO FEATHER THE PAVEMENT EDGE.

- (18) IN ALL CASES, THE LENGTH OF THE PAVEMENT TRANSITION, THE THICKNESS AND WIDTH OF THE RESURFACING AND ANY ADDITIONAL PAVEMENT MATERIALS SHALL BE AS DIRECTED BY THE ENGINEER.

## TRAFFIC CONTROL DIRECTIONAL SIGNING

- (19) ALL EXISTING 'EMERGENCY REFERENCE MARKERS' AND 'HOSPITAL SIGNS' SHALL BE MAINTAINED WITHIN FULL VIEW OF THE MOTORING PUBLIC THROUGHOUT ALL PHASES OF CONSTRUCTION.

## CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (20) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERRECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- (21) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (22) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (23) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERRECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (24) USE OF BARRICADES, PORTABLE BARRIER RAILS, VERTICAL PANELS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADTS LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADTS OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

- (25) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADTS LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADTS OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADTS LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADTS OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

- (26) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

## LITTER, DEBRIS, WASTE, PETROLEUM

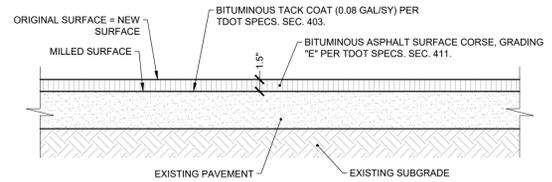
- (27) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS. AFTER USE, MATERIALS USED FOR EPSC WILL BE REMOVED FROM THE SITE.
- (28) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.

## SPECIAL NOTES

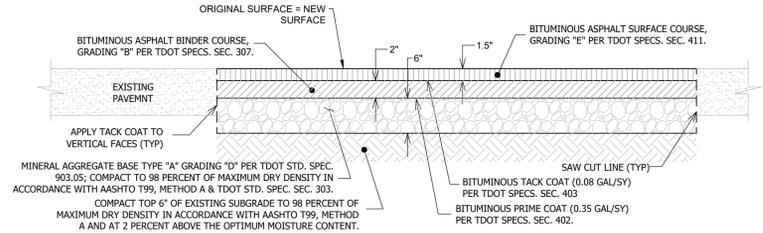
- (1) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK AND INCLUDE ALL COSTS THEREOF IN THE PRICES BID FOR OTHER ITEMS OF CONSTRUCTION: REPAIR OF SHOULDERS AND DITCHES; SHOULDERS SHOULD BE DEGRASSSED, MATERIAL SHALL BE PICKED UP AND REMOVED. CLEANING AND STRAIGHTENING ENDS OF EXISTING SIDEDRAINS AND CROSDRAINS WHERE DIRECTED BY THE ENGINEER.
- (2) DAMAGE TO ANY DEPARTMENT OF TRANSPORTATION STRUCTURE DURING THE COURSE OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED AT HIS OWN EXPENSE.
- (3) THE CONTRACTOR WILL TAKE EXTREME CARE WHERE WORKING AROUND EXISTING GUARDRAIL TO AVOID DAMAGE. ANY DAMAGED GUARDRAIL WILL BE REPLACED OR REPAIRED AT HIS OWN EXPENSE.
- (4) ALL STRUCTURES (DRAINAGE STRUCTURES, MANHOLES, UTILITY BOXES, ETC) SHALL HAVE A FINISHED GRADE COMPATIBLE WITH THE FINISHED GRADE OF THE ROADWAY.
- (5) SURFACE TO BE CROWNED AS DIRECTED BY THE ENGINEER.
- (6) CONSTRUCTION SIGNS, FLAGMEN AND OTHER TRAFFIC CONTROL DEVICES WILL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (7) THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH AND LOCATE ALL NO-PASSING ZONES. THE ESTABLISHMENT OF NO-PASSING ZONES IS TO BE IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. ALL NO-PASSING ZONES WILL BE APPROVED BY THE ENGINEER WITH ADVICE FROM THE REGIONAL TRAFFIC ENGINEER PRIOR TO THE PAINT APPLICATION.
- (8) THE ASPHALT PLANINGS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ALL EXCESS PLANINGS SHALL BE REMOVED FROM THE PROJECT. NO DIRECT PAYMENT WILL BE MADE FOR REMOVING THE EXCESS ASPHALT PLANINGS AND PAYMENT FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS.
- (9) AT THE CLOSE OF DAILY OPERATIONS, ALL UTILITY COVERS, RIMS AND BOXES AS WELL AS CATCHBASINS IN THE TRAVELLED WAY SHALL BE LEFT IN A SAFE CONDITION. UNDER NO CIRCUMSTANCES SHALL ANYTHING BE LEFT IN SUCH A HAZARDOUS CONDITION AS TO CAUSE DAMAGE TO VEHICLES OR ACCIDENTS. THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR ANY DAMAGE TO VEHICLES OR PERSONAL INJURIES RESULTING FROM HIS FAILURE TO EITHER DEFINE THE LOCATION OR PROTECT THE OBSTACLE BY RAMPING AROUND IT WITH BITUMINOUS MATERIAL.
- (10) AFTER NOVEMBER 15, PAVEMENT MAY BE PERFORMED UPON ENGINEER APPROVAL.

ASPHALT STRAIGHTEDGE TESTING:  
AFTER SURFACE PAVEMENT PLACEMENT, THE PAVEMENT SHALL BE TESTED FOR TRUENESS USING AN ACCURATE METAL STRAIGHTEDGE, NOT LESS THAN 12' IN LENGTH, HOLD THE STRAIGHTEDGE IN SUCCESSIVE POSITIONS PARALLEL TO THE ROAD CENTERLINE, AND GO OVER THE WHOLE AREA FROM ONE SIDE OF THE ROADWAY TO THE OTHER. ADVANCE THE STRAIGHTEDGE ALONG THE ROADWAY IN SUCCESSIVE STAGES NO MORE THAN HALF THE LENGTH OF THE STRAIGHTEDGE. CORRECT THE SURFACE OF THE PAVEMENT TO ELIMINATE HIGH AND LOW AREAS AS REQUIRED. ENSURE THAT THE SURFACE ACROSS JOINTS, AND WHERE THE NEW PAVEMENT ABUTS EXISTING PAVEMENT MEETS THESE STRAIGHTEDGE REQUIREMENTS. CONTINUE THE STRAIGHTEDGE TESTING AND SURFACE CORRECTIONS UNTIL THE ENTIRE SURFACE IS FREE OF OBSERVABLE DEPARTURES FROM THE STRAIGHTEDGE AND THE PAVEMENT CONFORMS TO THE REQUIRED GRADE AND CROSS-GRADE.

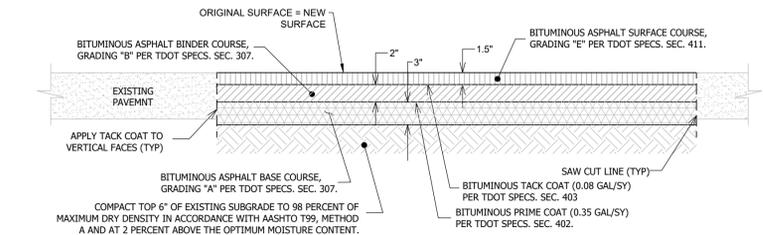
PAVEMENT MARKINGS:  
PAVEMENT MARKINGS SHALL BE REPLACED WHERE EXISTING. COST OF PAVEMENT MARKING REPLACEMENT TO BE INCLUDED IN OTHER ITEMS.



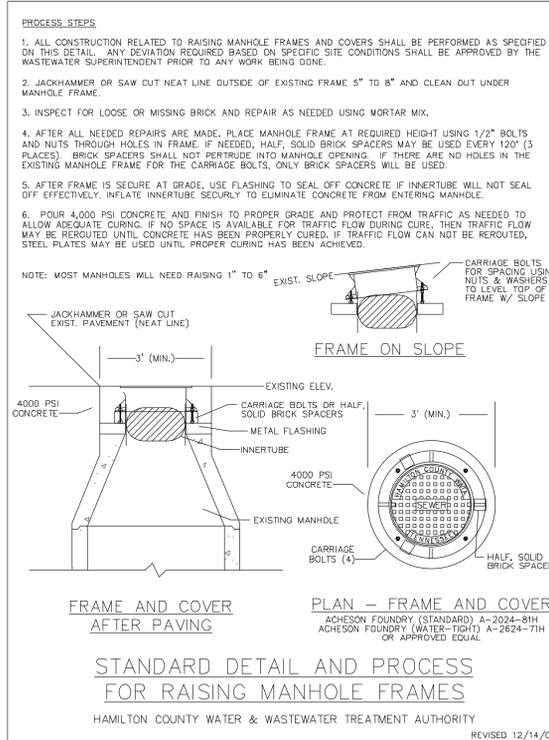
1 MILLING WITH 1.5" OVERLAY NTS



2 FULL DEPTH REMOVAL & REPLACEMENT NTS



3 FULL DEPTH REMOVAL & REPLACEMENT - ALTERNATE NTS



UTILITIES:	
WATER:	TENNESSEE AMERICAN WATER COMPANY 1500 RIVERSIDE DRIVE CHATTANOOGA, TN 37406 CONTACT: TYLER K. CROSS, E.I.T. (771-4704)
ELECTRIC:	EPB PO BOX 182255 CHATTANOOGA, TN 37422 CONTACT: MIKE JONES (648-3439)
GAS:	CHATTANOOGA GAS COMPANY 2207 OLAN MILLS DRIVE CHATTANOOGA, TN 37421 CONTACT: JANA HALL PAPA (421-3263 MOB.)
PHONE:	AT&T 300 EAST M.L. KING BLVD CHATTANOOGA, TN 37403 CONTACT: STEVE MCCORMICK (421-3263)
CABLE:	COMCAST CABLE COMMUNICATIONS, INC. 2030 EAST POLYMER DR. (PO BOX 182249) CHATTANOOGA, TN, 37422 CONTACT: MIKE SCHLOTE (855-3900 X2192)
SEWERS:	HAMILTON COUNTY WATER & WASTEWATER TREATMENT AUTHORITY 1250 MARKET ST, SUITE 3050 CHATTANOOGA, TN 37402 CONTACT: MARK HARRISON, PE (209-7835)



ANY LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR AND MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. FOR INFORMATION REGARDING THESE UTILITIES, CONTACT THE APPROPRIATE AGENCIES.

No.	Revision/Issue	Date

PROJECT NO.	20-0081-24
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TITLE	

## NOTES & DETAILS

SHEET NO.

C0.1



S. SEMINOLE AT MASON  
 SCALE: 1"=100'



S. SEMINOLE DR  
 SCALE: 1"=100'



GLEASON AT DUNLAP AVE  
 SCALE: 1"=100'



CLAREMONT AVENUE  
 SCALE: 1"=100'

**PAVING LEGEND**

WORK AREA - SEE TABLE FOR REPAIR AND ESTIMATED QUANTITIES

**PAVEMENT MARKING LEGEND**

PROPOSED STOP BAR

**UTILITIES:**

**WATER:** TENNESSEE AMERICAN WATER COMPANY  
 1500 RIVERSIDE DRIVE  
 CHATTANOOGA, TN 37406  
 CONTACT: TYLER K. CROSS, E.I.T. (771-4704)

**ELECTRIC:** EPB  
 PO BOX 182255  
 CHATTANOOGA, TN 37422  
 CONTACT: MIKE JONES (648-3439)

**GAS:** CHATTANOOGA GAS COMPANY  
 2207 OLAN MILLS DRIVE  
 CHATTANOOGA, TN 37421  
 CONTACT: JANA HALL PAPA (421-3263 MOB.)

**PHONE:** AT&T  
 300 EAST M.L. KING BLVD  
 CHATTANOOGA, TN 37403  
 CONTACT: STEVE MCCORMICK (421-3263)

**CABLE:** COMCAST CABLE COMMUNICATIONS, INC.  
 2030 EAST POLYMER DR. (PO BOX 182249)  
 CHATTANOOGA, TN, 37422  
 CONTACT: MIKE SCHLOTE (855-3900 X2192)

**SEWERS:** HAMILTON COUNTY WATER & WASTEWATER TREATMENT AUTHORITY  
 1250 MARKET ST, SUITE 3050  
 CHATTANOOGA, TN 37402  
 CONTACT: MARK HARRISON, PE (209-7835)

**PAVING NOTES:**

1. THE EXISTING PAVEMENT SHOULD BE CLEANED OF ALL LOOSE DIRT, VEGETATION, AND OTHER OBJECTIONABLE MATERIAL, PRIOR TO THE APPLICATION OF THE CRACK SEAL.
2. THE EXISTING PAVEMENT SHOULD BE SAW CUT AT A MINIMUM OF 1 FOOT OUTSIDE THE DISTRESSED AREA FOR A FULL DEPTH REPAIR. CONTRACTOR TO VERIFY FULL DEPTH REPAIR AREAS WITH CITY OR CITY REPRESENTATIVE PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL MILL 20' BUTT JOINTS AT LIMITS OF CONSTRUCTION.
4. SEE SHEET CO.1 FOR OTHER NOTES & DETAILS.

**STRIPING NOTES:**

1. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER IDOT SPECS SECTION 919.01.
3. STRIPING SHALL INCLUDE DOUBLE SOLID YELLOW LINE OR CENTERLINE WHERE PAVEMENT IMPROVEMENTS WERE MADE.

AREA 1	ESTIMATED QUANTITIES											
	FULL DEPTH		OVERLAY		MILLING AREA		TOTAL AREA (SF)			MANHOLE		
	LENGTH	WIDTH	LENGTH	WIDTH			FULL DEPTH	OVERLAY	MILLING	ADJUSTMENT	STRIPING	STOP BAR
(A) S. SEMINOLE AT MASON S. (INT)			90	11	22	15	0	990	330	1	90	
(B) MASON AT S. SEMINOLE (INT)	90	11	70	22	22	15	990	1540	330	1	70	
(C) 800 TO 774 S. SEMINOLE	45	5					225	0	0		0	
	25	5					125	0	0		0	
	45	5					225	0	0		0	
(D) 750 S. SEMINOLE	33	11	110	11	22	15	363	1210	330	1	110	
	75	5					375	0	0		0	
(E) 516 S. SEMINOLE	60	5					300	0	0		0	
(F) 510 TO 532 S. SEMINOLE	60	11	550	11	22	15	660	6050	330	4	550	
	66	11					726	0	0		0	
	30	11					330	0	0		0	
	18	5					90	0	0		0	
(G) GLEASON AT DUNLAP	120	10	150	20	22	15	1200	3000	330	2	150	1
(H) 715 TO 706 DUNLAP	75	10					750	0	0		0	
(I) 3529 CLAREMONT TO GERAMNTOWN	60	20	800	24	22	15	1200	19200	330	5	800	1
	120	12					1440	0	0		0	



Know what's below.  
 Call before you dig.



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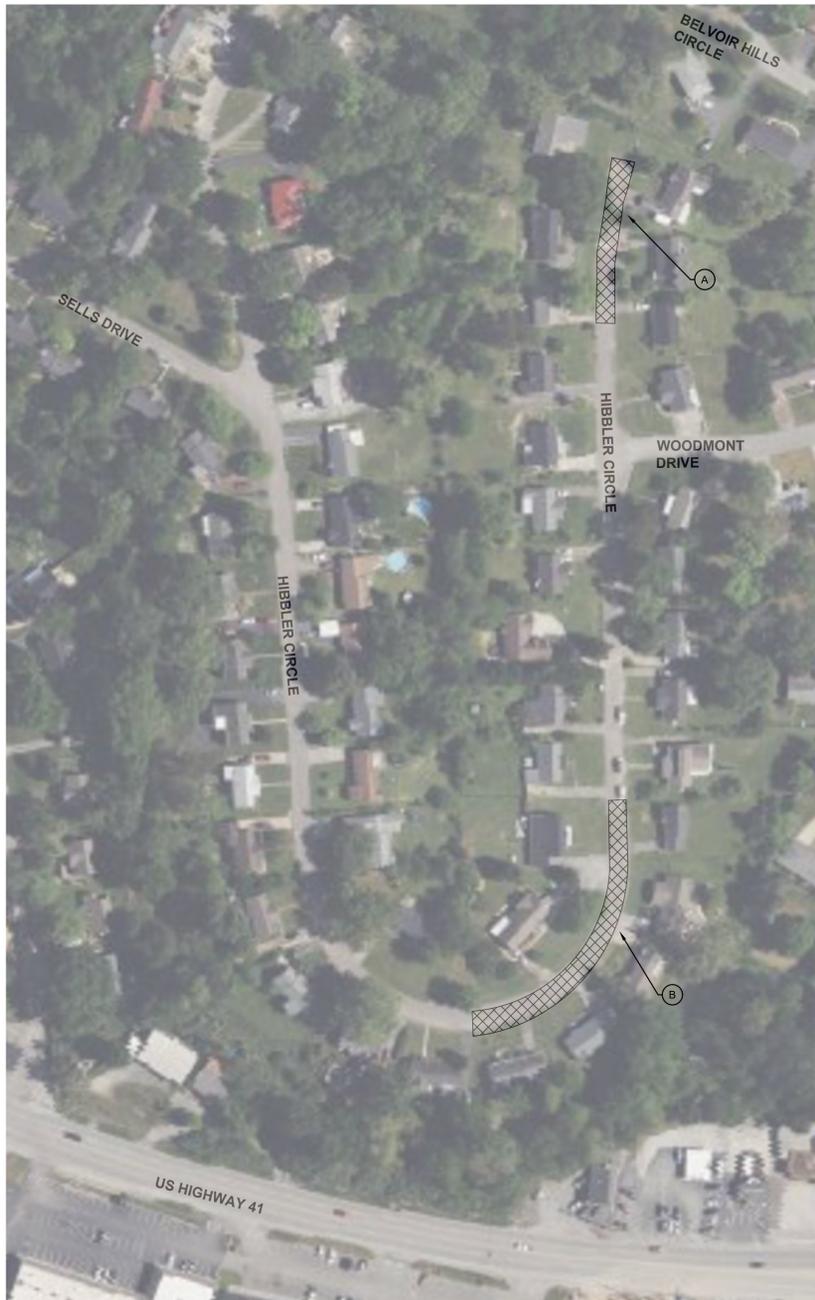
2024 STREET IMPROVEMENTS

FOR  
 CITY OF EAST RIDGE  
 EAST RIDGE, TN

No.	Revision/Issue	Date

PROJECT NO. 20-0081-24  
 DATE 01/27/2024  
 SCALE AS SHOWN  
 DESIGNED BY JS  
 DRAWN BY SRH  
 CHECKED BY RT  
 TITLE

STREET IMPROVEMENTS - AREA 1  
 SHEET NO.  
**C1.0**



**HIBBLER CIRCLE**  
SCALE: 1"=100'



**CEMETERY ROAD**  
SCALE: 1"=100'



**MCHANN DRIVE AND FOUNTAIN AVENUE**  
SCALE: 1"=100'

**PAVING LEGEND**

WORK AREA - SEE TABLE FOR REPAIR AND ESTIMATED QUANTITIES

**PAVEMENT MARKING LEGEND**

PROPOSED STOP BAR

**UTILITIES:**

**WATER:** TENNESSEE AMERICAN WATER COMPANY  
1500 RIVERSIDE DRIVE  
CHATTANOOGA, TN 37406  
CONTACT: TYLER K. CROSS, E.I.T. (771-4704)

**ELECTRIC:** EPB  
PO BOX 182255  
CHATTANOOGA, TN 37422  
CONTACT: MIKE JONES (648-3439)

**GAS:** CHATTANOOGA GAS COMPANY  
2207 OLAN HILLS DRIVE  
CHATTANOOGA, TN 37421  
CONTACT: JANA HALL PAPA (421-3263 MOB.)

**PHONE:** AT&T  
300 EAST M.L. KING BLVD  
CHATTANOOGA, TN 37403  
CONTACT: STEVE MCCORMICK (421-3263)

**CABLE:** COMCAST CABLE COMMUNICATIONS, INC.  
2030 EAST POLYMER DR. (PO BOX 182249)  
CHATTANOOGA, TN 37422  
CONTACT: MIKE SCHLOTE (855-3900 X2192)

**SEWERS:** HAMILTON COUNTY WATER & WASTEWATER TREATMENT AUTHORITY  
1250 MARKET ST, SUITE 3050  
CHATTANOOGA, TN 37402  
CONTACT: MARK HARRISON, PE (209-7835)

**PAVING NOTES:**

1. THE EXISTING PAVEMENT SHOULD BE CLEANED OF ALL LOOSE DIRT, VEGETATION, AND OTHER OBJECTIONABLE MATERIAL PRIOR TO THE APPLICATION OF THE CRACK SEAL.
2. THE EXISTING PAVEMENT SHOULD BE SAW CUT AT A MINIMUM OF 1 FOOT OUTSIDE THE DISTRESSED AREA FOR A FULL DEPTH REPAIR. CONTRACTOR TO VERIFY FULL DEPTH REPAIR AREAS WITH CITY OR CITY REPRESENTATIVE PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL MILL 20' BUTT JOINTS AT LIMITS OF CONSTRUCTION.
4. SEE SHEET C0.1 FOR OTHER NOTES & DETAILS

**STRIPING NOTES:**

1. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER TDOT SPEC'S SECTION 919.01.
3. STRIPING SHALL INCLUDE DOUBLE SOLID YELLOW LINE OR CENTERLINE WHERE PAVEMENT IMPROVEMENTS WERE MADE.

AREA 2	ESTIMATED QUANTITIES												
	FULL DEPTH		OVERLAY		MILLING AREA		TOTAL AREA (SF)		MANHOLE				
	LENGTH	WIDTH	LENGTH	WIDTH			FULL DEPTH	OVERLAY	MILLING	ADJUSTMENT	STRIPING	STOP BAR	
(A) HIBBLER CIRCLE (DEAD END AREA)	40	5					200	0	0			0	
(B) 1022 HIBLER CIRCLE	20	10					200	0	0			0	
(C) CEMETARY ROAD			790	18	36	15	0	14220	540		4	790	1
(D) FOUNTAIN AVENUE 3738	30	12					360	0	0			0	
	3722	45	14				630	0	0			0	
	3708	15	12				180	0	0			0	
	3704	33	5				165	0	0			0	
	3701	45	5				225	0	0			0	
	3701	15	5	150	11		75	1650	0		2	150	
(E) MCHANN TO INDIAN TRAIL (VARIOUS OVERLAY)			400	11	150	11	0	4400	1650		3	400	
(F) MCHANN NEAR FOUNTAIN INTERSECTION	10	10					100	0	0			0	
(G) 3901 FOUNTAIN	45	11					495	0	0			0	
(H) BELVOIR FROM CURVE TO S. TERRACE (VARIOUS)	50	10					500	0	0			0	
(I) SWEETBRIAR (617 TO JUST PAST SWEET)	100	10	1000	20	20	30	1000	20000	600		4	1000	1
							0	0	0			0	



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**2024 STREET IMPROVEMENTS**

FOR  
**CITY OF EAST RIDGE**  
EAST RIDGE, TN

No.	Revision/Issue	Date

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SCALE AS SHOWN

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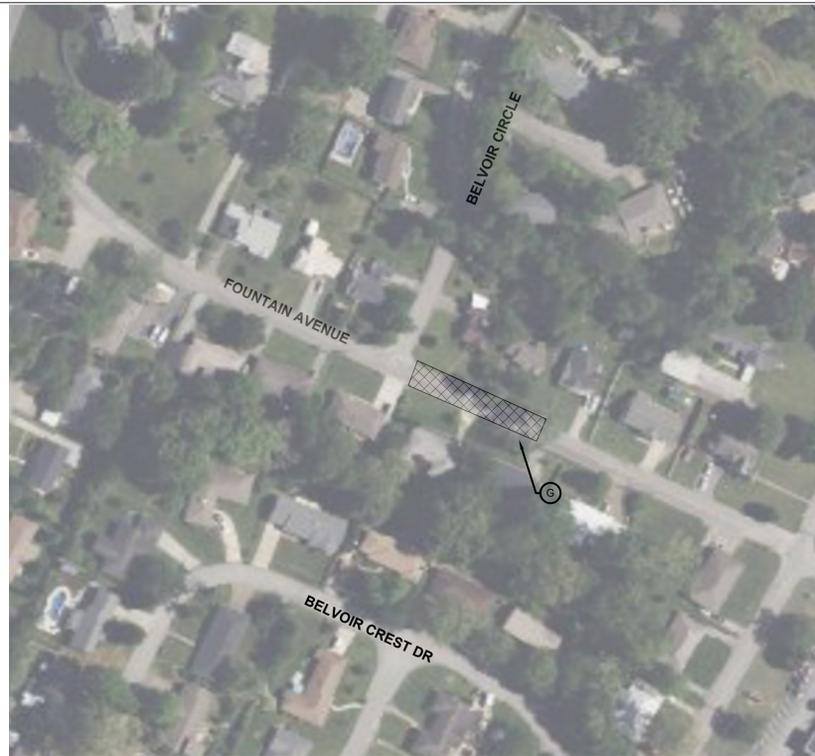
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**STREET IMPROVEMENTS - AREA 2**

SHEET NO.

**C1.1**

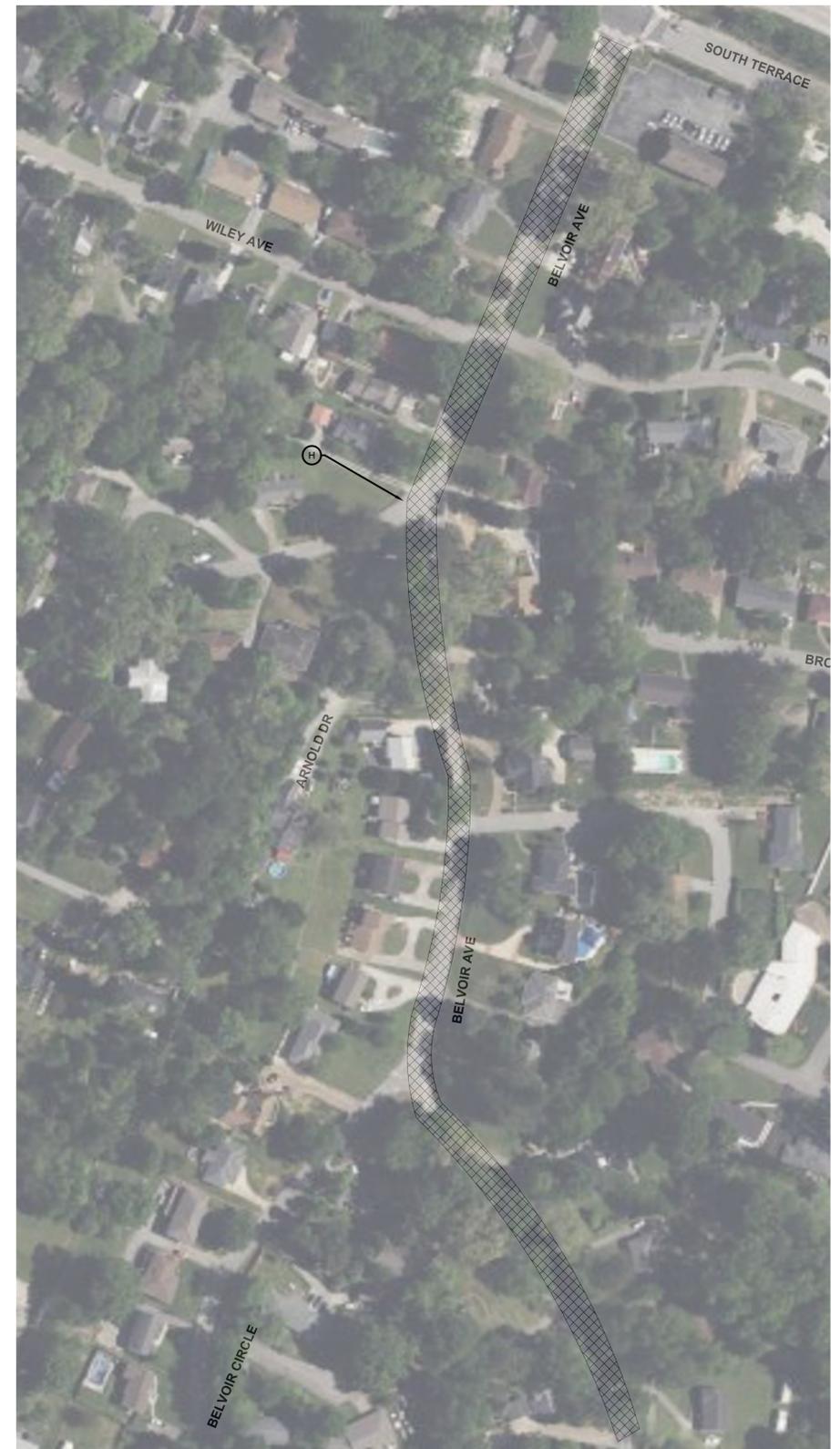
**2024 STREET IMPROVEMENTS**  
FOR  
**CITY OF EAST RIDGE**  
EAST RIDGE, TN



FOUNTAIN AVE  
SCALE: 1"=100'



SWEETBRIAR AVENUE  
SCALE: 1"=100'



BELVOIR AVENUE  
SCALE: 1"=100'

**PAVING LEGEND**

WORK AREA - SEE TABLE FOR REPAIRS AND ESTIMATED QUANTITIES

**PAVEMENT MARKING LEGEND**

PROPOSED STOP BAR

**UTILITIES:**

**WATER:** TENNESSEE AMERICAN WATER COMPANY  
1500 RIVERSIDE DRIVE  
CHATTANOOGA, TN 37406  
CONTACT: TYLER K. CROSS, E.I.T. (771-4704)

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**PHONE:** AT&T  
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**CABLE:** COMCAST CABLE COMMUNICATIONS, INC.  
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CHATTANOOGA, TN, 37422  
CONTACT: MIKE SCHLOTE (855-3900 X2192)

**SEWERS:** HAMILTON COUNTY WATER & WASTEWATER TREATMENT AUTHORITY  
1250 MARKET ST. SUITE 3050  
CHATTANOOGA, TN 37402  
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SHEET NO.  
**C1.2**



**EASTWAY TERRACE**  
SCALE: 1"=100'



**ANDERSON AVENUE AND S. LOVELL AVENUE**  
SCALE: 1"=100'

**PAVING LEGEND**

WORK AREA - SEE TABLE FOR REPAIRS AND ESTIMATED QUANTITIES

**PAVEMENT MARKING LEGEND**

PROPOSED STOP BAR

**UTILITIES:**

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1500 RIVERSIDE DRIVE  
CHATTANOOGA, TN 37406  
CONTACT: TYLER K. CROSS, E.I.T. (771-4704)

**ELECTRIC:** EPB  
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CHATTANOOGA, TN 37421  
CONTACT: JANA HALL PAPA (421-3263 MOB.)

**PHONE:** AT&T  
300 EAST M.L. KING BLVD  
CHATTANOOGA, TN 37403  
CONTACT: STEVE MCCORMICK (421-3263)

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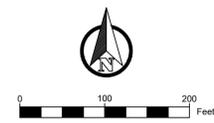
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AREA 3	ESTIMATED QUANTITIES											
	FULL DEPTH		OVERLAY		MILLING AREA	TOTAL AREA (SF)			MANHOLE			
	LENGTH	WIDTH	LENGTH	WIDTH		FULL DEPTH	OVERLAY	MILLING	ADJUSTMENT	STRIPING	STOP BAR	
(A) SHADY DRIVE (FOUNTAIN TO DELEWARE)						0	0	0		0		
(B) DELEWARE (SHADY TO MOORE)	80	10	100	22		800	2200	0		100	1	
(C) ANDERSON ( MCBRIEN TO 50-FT PAST LOVELL)	20	10	1000	22	44	15	200	22000	660	4	1000	1
(D) LOVELL (ANDERSON TO S. TERRACE)	30	10	350	22	450	15	300	7700	6750	2	350	2
(E) MOORE (OAKDALE TO RINGGOLD)	100	10	540	36	300	15	1000	19440	4500	3	540	2
(F) CLOSE ROAD (JOHN ROSS TO MISSIONARY)			1200	11	22	15	0	13200	330	5	1200	
(G) EASTWAY TERRACE	133	20	930	22	44	15	2660	20460	660	4	930	2
						0	0	0		0		



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**2024 STREET IMPROVEMENTS**

FOR  
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EAST RIDGE, TN

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TITLE

STREET IMPROVEMENTS - AREA 3

SHEET NO.

**C1.3**

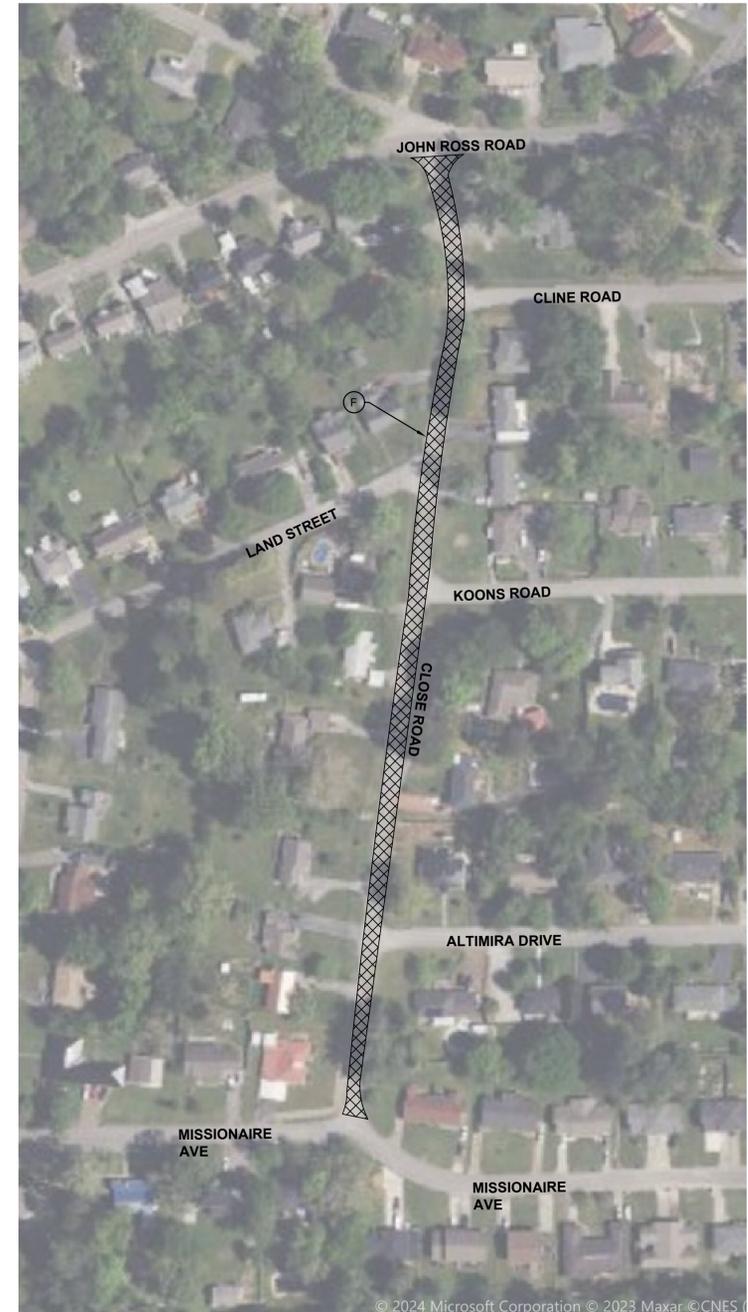
**2024 STREET IMPROVEMENTS**  
FOR  
**CITY OF EAST RIDGE**  
EAST RIDGE, TN

No.	Revision/Issue	Date

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DRAWN BY	SRH
CHECKED BY	TR
TITLE	STREET IMPROVEMENTS - AREA 3

SHEET NO.

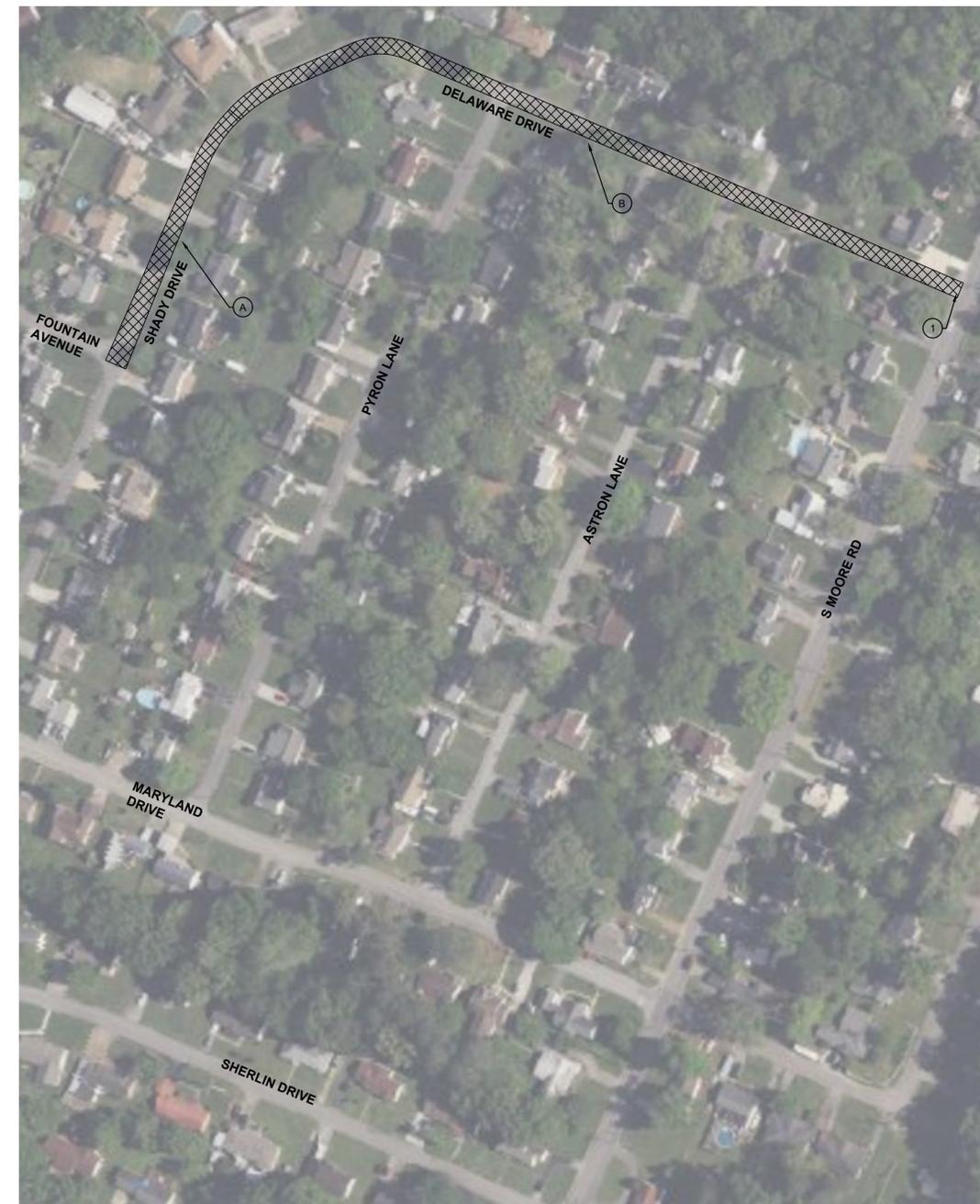
**C1.4**



**CLOSE ROAD**  
SCALE: 1"=100'



**S. MOORE RD**  
SCALE: 1"=100'



**SHADY DRIVE AND DELAWARE DRIVE**  
SCALE: 1"=100'

**UTILITIES:**

**WATER:** TENNESSEE AMERICAN WATER COMPANY  
1500 RIVERSIDE DRIVE  
CHATTANOOGA, TN 37406  
CONTACT: TYLER K. CROSS, E.I.T. (771-4704)

**ELECTRIC:** EPB  
PO BOX 182255  
CHATTANOOGA, TN 37422  
CONTACT: MIKE JONES (648-3439)

**GAS:** CHATTANOOGA GAS COMPANY  
2207 OLAN HILLS DRIVE  
CHATTANOOGA, TN 37421  
CONTACT: JANA HALL PAPA (421-3263 MOB.)

**PHONE:** AT&T  
300 EAST M.L. KING BLVD  
CHATTANOOGA, TN 37403  
CONTACT: STEVE MCCORMICK (421-3263)

**CABLE:** COMCAST CABLE COMMUNICATIONS, INC.  
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CHATTANOOGA, TN 37422  
CONTACT: MIKE SCHLOTE (855-3900 X2192)

**SEWERS:** HAMILTON COUNTY WATER & WASTEWATER TREATMENT AUTHORITY  
1250 MARKET ST, SUITE 3050  
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CONTACT: MARK HARRISON, PE (209-7835)

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  3. CONTRACTOR SHALL MILL 20' BUTT JOINTS AT LIMITS OF CONSTRUCTION.
  4. SEE SHEET C0.1 FOR OTHER NOTES & DETAILS
  5. SEE SHEET 1.3 FOR REPAIR AND ESTIMATED QUANTITIES
- STRIPING NOTES:**
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**PAVING LEGEND**

WORK AREA - SEE TABLE FOR REPAIRS AND ESTIMATED QUANTITIES

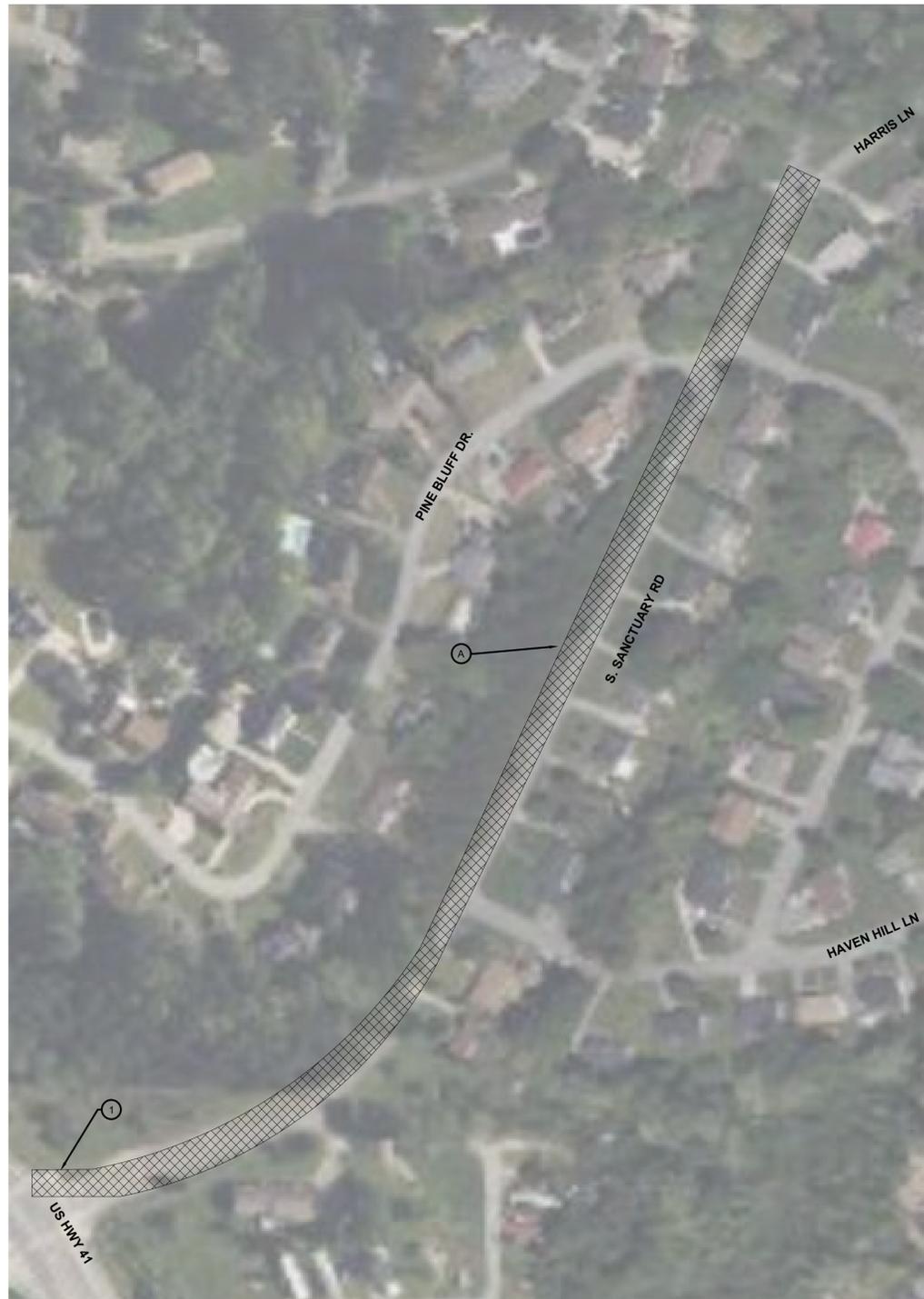
**PAVEMENT MARKING LEGEND**

PROPOSED STOP BAR

1/26/2024 4:55:48 PM J:\01\_Projects\2020\20-0081\_EastRidge\_Repaving\2024\Drawings\DWG\2024-24\XSP-20-0081\_2024-24-C1.4.dwg

**811**  
Know what's below.  
Call before you dig.

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**PAVING LEGEND**

WORK AREA - SEE TABLE FOR REPAIR AND ESTIMATED QUANTITIES

**PAVEMENT MARKING LEGEND**

PROPOSED STOP BAR

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**S. SANCTUARY RD**  
SCALE: 1"=100'

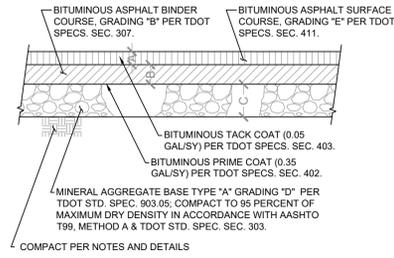


**CAMP JORDAN PKWY**  
SCALE: 1"=100'



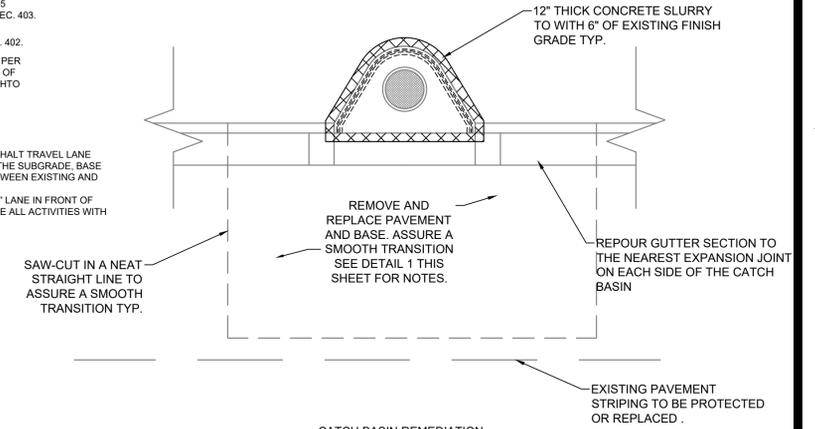
AREA 4	ESTIMATED QUANTITIES												
	FULL DEPTH		OVERLAY		MILLING AREA		TOTAL AREA (SF)		MANHOLE				
	LENGTH	WIDTH	LENGTH	WIDTH			FULL DEPTH	OVERLAY	MILLING	ADJUSTMENT	STRIPING	STOP BAR	
A SANCTUARY (STATE LINE TO HARRIS)	500	11	2250	22	1000	15	5500	49500	15000		8	2250	4
B CAMP JORDAN EMERGENCY REPAIRS	50	12	50	12	24	15	600	600	360			50	0
							0	0	0			0	0

PAVEMENT MATERIALS	HEAVY DUTY SECTION
BITUMINOUS ASPHALT SURFACE MIX "A"	1.5"
BITUMINOUS ASPHALT BINDER MIX "B"	2.5"
COMPACTED CRUSHED AGGREGATE BASE "C"	8"

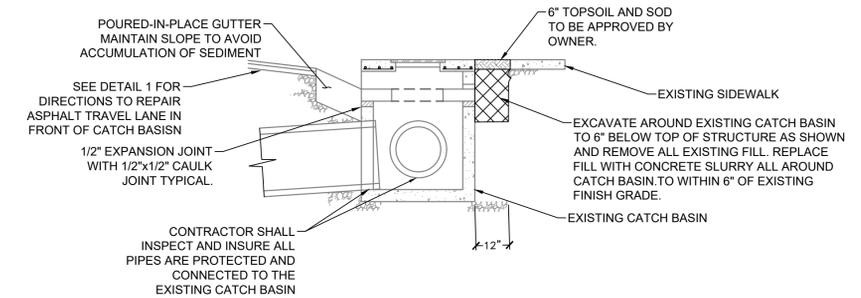


- NOTE:
- THE CONTRACTOR SHALL SAWCUT THE EXISTING ASPHALT TRAVEL LANE IN A STRAIGHT SMOOTH LINE. REMOVE AND REPAIR THE SUBGRADE, BASE AND RE-PAVE TO INSURE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW PAVEMENT.
  - THE PAVEMENT SECTION TO BE REPLACED IS AN 8'X47' LANE IN FRONT OF THE CATCH BASIN TO BE REHABILITATED. COORDINATE ALL ACTIVITIES WITH THE CITY OF EAST RIDGE REPRESENTATIVE.

**1 PAVEMENT SECTIONS**  
NOT TO SCALE



**2 CATCH BASIN REMEDIATION**  
PLAN VIEW  
NOT TO SCALE



- NOTE:
- THE CONTRACTOR SHALL SAW-CUT THE EXISTING CURB AND GUTTER CONNECTED TO EXISTING CATCH BASIN. THIS CURB AND GUTTER SHALL BE REPLACED.
  - THE CONTRACTOR SHALL EXCAVATE TO 6" BELOW THE TOP OF THE STRUCTURE ALL AROUND THE CATCH BASIN FOR A WIDTH OF 12".
  - THE CONTRACTOR SHALL INSURE ALL STORM PIPES CONNECTED TO THE CATCH BASIN ARE UNDAMAGED AND ARE PROPERLY CONNECTED TO THE CATCH BASIN.
  - THE CONTRACTOR SHALL ENCASE THE EXISTING CATCH BASIN IN CONCRETE SLURRY FOR A WIDTH NOT LESS THAN 12" THICK ON ALL SIDES, TO A HEIGHT OF 6" BELOW FINISH GRADE.
  - THE TOP 6" FORM THE TOP OF SLURRY TO FINISH GRADE SHALL BE FILLED WITH TOPSOIL AND APPROVED SOD TO MATCH EXISTING SOD BETWEEN THE BACK OF CURB AND EXISTING SIDEWALK.
  - IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT AND REPAIR ANY DAMAGE TO ANY EXISTING SITE IMPROVEMENTS.

**2 CATCH BASIN REMEDIATION**  
NOT TO SCALE

**UTILITIES:**

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1500 RIVERSIDE DRIVE  
CHATTANOOGA, TN 37406  
CONTACT: TYLER K. CROSS, E.I.T. (771-4704)
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**2024 STREET IMPROVEMENTS**

FOR  
**CITY OF EAST RIDGE**  
EAST RIDGE, TN

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PROJECT NO. 20-0081-24  
DATE 01/27/2024  
SCALE AS SHOWN  
DESIGNED BY JS  
DRAWN BY SRH  
CHECKED BY TR  
TITLE

STREET IMPROVEMENTS - AREA 4

SHEET NO.

**C1.5**