# CAPITAL IMPROVEMENT PROJECTS GODDARD CIRCLE, BROOKLAWN DRIVE, PORTION OF TADPOLE ROAD, TIMOTHY LANE, WEST BLADE DRIVE

CONTRACT 2019-C2 MARCH 12, 2019



PENNSYLVANIA ! CALL 1-800-242-1776

verified by the owner or its representative. The contractor shall determine the exact location of all existing utilities before commencing work, and agrees to be fully responsible for any and all damages which

ROCK SPRINGS WATER COMPANY

PENNSYLVANIA FURNACE, PA 16865

FIRSTENERGY TELECOM SERVICES, INC.

110 UNIVERSITY SUPPORT BUILDING 2

UNIVERSITY PARK, PA 16802-1013

PH: (814) 863-5419 (JIM REIGH)

READING, PA 19612-5164

ALLTEL COMMUNICATIONS

WARRIORS MARK, PA 16877

PH: (877) 611-2111

PH: (814) 632-3501

P.O. BOX 239

2800 POTTSVILLE PIKE, P.O. BOX 15164

PENN STATE TELECOMMUNICATIONS AND NETWORKING SERVICES

1750 TADPOLE ROAD

(814) 231–2911

Contractor shall notify the pa. One call system not less than three (3) days prior to construction. The contractor shall place the call and reference the serial number given and provide an approximate date and time that digging will occur. The one call system will again notify the public utilities in the area. Public utilities will then coordinate directly with the contractor for actual field locations. Pa. One call system: ph. 1-800-242-1776 Serial no.: None — No underground work proposed with project.

SANITARY: UNIVERSITY AREA JOINT AUTHORITY

1576 SPRING VALLEY ROAD STATE COLLEGE, PA 16801 PH: (814) 238-5361

STORM: FERGUSON TOWNSHIP 3147 RESEARCH DRIVE STATE COLLEGE, PA 16801 PH: (814) 238-4651

WATER: STATE COLLEGE BOROUGH WATER AUTHORITY 1201 WEST BRANCH ROAD STATE COLLEGE, PA 16801

COLUMBIA GAS OF PENNA. INC. 2550 CAROLEAN INDUSTRIAL DRIVE

PH: (814) 238-6766

STATE COLLEGE, PA 16801 PH: (814) 278-5842; WEEKEND: (888) 460-4332

ELECTRIC: WEST PENN POWER COMPANY 2800 EAST COLLEGE AVENUE STATE COLLEGE, PA 16801 PH: (814) 231-5338/(800) 255-3443

CABLE: COMCAST 250 REESE ROAD

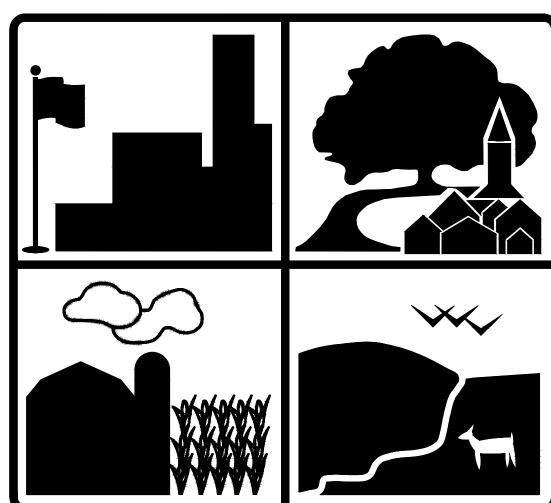
STATE COLLEGE, PA 16801 PH: (814) 238-8510/(740) 773-4123

PHONE: VERIZON PENNSYLVANIA, INC. 224 SOUTH ALLEN STREET STATE COLLEGE, PA 16801 PH: (814) 231-6528; AFTER HOURS (800) 275-2355

> WINDSTREAM 441 SCIENCE PARK ROAD STATE COLLEGE, PA 16803 PH: (814) 272-2685

ALLEGHENY COMMUNICATIONS CONNECT (FIBER) 100 BRUSH RUN ROAD GREENSBURG, PA 15601 PH: (866) 463-8222

FERGUSON TOWNSHIP



PUBLIC WORKS & ENGINEERING

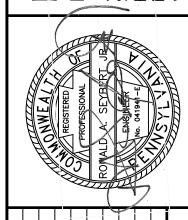
> 3147 Research Drive, State College, PA 16801 Ph: 814-238-4651 Fax: 814-238-3454 www.twp.ferguson.pa.us

# DRAWING INDEX

SHEET	<u>TITLE</u>
1	COVER
2	GENERAL NOTES, PROJECT LOCATION, SUMMARY OF QUANTITIES
3	BROOKLAWN ROAD AND GODDARD CIRCLE
4	TADPOLE ROAD
5	TIMOTHY LANE CUL-DE-SAC
6	WEST BLADE DRIVE TURN-AROUND
7	DETAILS & TYPICAL SECTIONS

### FERGUSON TOWNSHIP BOARD OF SUPERVISORS

STEVE MILLER	CHAIRMAN
RICHARD KILLIAN	VICE CHAIRMAN
PETER BUCKLAND	BOARD MEMBER
LAURA DININNI	BOARD MEMBER
TONY RICCIARDI	BOARD MEMBER
DAVID PRIBULKA	SECRETARY, TOWNSHIP MANAGER



3-20-2019 QUANTITY ADJUSTMENT	ADDENDUM 2					F C C C C C C C C C C C C C C C C C C C
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## PROJECT NOTES:

- 1. OWNER: FERGUSON TOWNSHIP 3147 RESEARCH DRIVE STATE COLLEGE, PA 16801
- (814) 238-4651
- THE LEGAL RIGHT OF WAY ON BROOKLAWN DRIVE IS FORTY (40) FEET. THE LEGAL RIGHT OF WAY ON GODDARD CIRCLE IS FORTY (40) FEET.
- THE LEGAL RIGHT OF WAY ON TADPOLE ROAD IS FIFTY (50) FEET.
- 4. THE LEGAL RIGHT OF WAY ON TIMOTHY LANE IS FIFTY (50) FEET.
- 5. THE LEGAL RIGHT OF WAY ON WEST BLADE DRIVE IS FIFTY (50) FEET.

#### <u>UTILITY NOTES:</u>

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND ARE BASED ON RECORDS OF THE VARIOUS FACILITY OWNERS AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE UTILITY INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST NOTIFY THE PA ONE-CALL SYSTEM AT
- 3 DAYS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.

# **CONSTRUCTION NOTES:**

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING PUBLICATIONS: FERGUSON TOWNSHIP CHAPTER 21 - "STREETS AND SIDEWALKS"
  - FERGUSON TOWNSHIP CHAPTER 26 "WATER (STORMWATER MANAGEMENT)"
    - PENNDOT PUBLICATION 408 / 2016 (CHANGE No. 5)
    - PENNDOT PUBLICATIONS 34, 35, 37, AND 38 (APPROVED CONSTRUCTION MATERIALS)
    - PENNDOT PUBLICATION 72M STANDARDS FOR ROADWAY CONSTRUCTION
    - PENNDOT PUBLICATION 213M WORK ZONE TRAFFIC CONTROL • PENNDOT PUBLICATION 70M - GUIDELINES FOR DESIGN OF LOCAL ROADS AND STREETS
    - PENNDOT PUBLICATION 111M TC 8700 TRAFFIC SIGNING STANDARDS
    - PENNDOT PUBLICATION 236M HANDBOOK OF APPROVED SIGNS
    - PENNDOT PUBLICATION 13M DESIGN MANUAL 2 HIGHWAY DESIGN
    - PENNSYLVANIA CODE, TITLE 67, CHAPTERS 441 AND 459
  - PENNDOT PUBLICATION 148 TC 8800 TRAFFIC STANDARDS
- 2. CONSTRUCTION STANDARDS:
- CONSTRUCTION DETAILS, OTHER THAN THOSE INDICATED ON THE PLAN, ARE ON THE FOLLOWING PENNDOT
- PUBLICATIONS 72M STANDARD DRAWINGS:
  - RC-10M CLASSIFICATION OF EARTHWORK
  - RC-13M PAY LIMIT OF SUBBASE • RC-28M OVERLAY TRANSITIONS AND PAVING NOTCHES
  - RC-72M INLET AND OUTLET PROTECTION
- 3. VIBRATORY FUNCTION ON ROLLERS SHALL NOT BE USED WITHIN ONE ROLLER PASS ON EITHER SIDE OF WATER
- 4. FIELD ADJUST DRIVEWAY TIE-INS TO ENSURE POSITIVE DRAINAGE TO PREVENT PONDING, REFER TO APPENDIX "A" OF FERGUSON TOWNSHIP CHAPTER 21 - "STREETS AND SIDEWALKS" FOR DRIVEWAY CONSTRUCTION GUIDELINES. LIMITS OF WORK MAY VARY AND WILL BE FIELD DIRECTED BY OWNER.
- 5. ALL WORK ACTIVITIES ON TADPOLE ROAD SHALL BE COMPLETED BY JUNE 28, 2019.

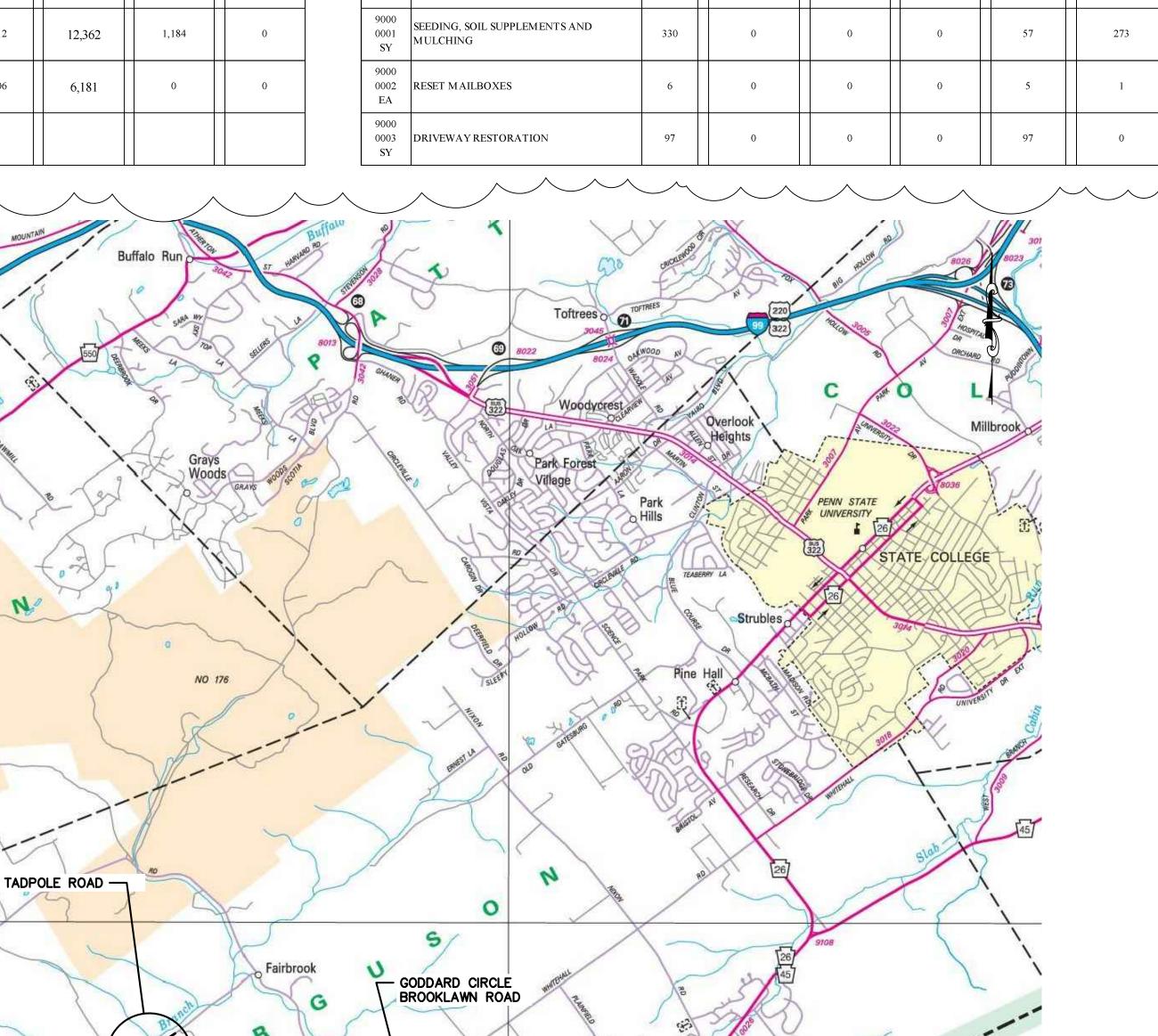
#### TRAFFIC CONTROL NOTES:

- 1. MAINTAIN TRAFFIC IN ACCORDANCE WITH THE LATEST EDITION OF PENNDOT PUBLICATION 213M (67 PA CODE, CH. 212)
  - WORK ZONE TRAFFIC CONTROL GUIDELINES.
- PROVIDE FLAGGERS AT INTERSECTION DURING LANE CLOSURES.
- ROAD CLOSURES SHALL NOT BE PERMITTED, ONE LANE SHALL BE ACCESSIBLE TO TRAFFIC AT ALL TIMES. SHORT-TERM WORK ZONE TRAFFIC CONTROL SHALL BE REMOVED AT THE END OF EACH WORK DAY.
- DO NOT HAVE TRAVEL LANE DROP-OFFS/OPEN EXCAVATIONS DURING NON-WORKING HOURS.
- THE POSTED SPEED LIMIT ON ALL ROADS IN CONTRACT 2019—C2 ARE 25 MPH, EXCEPT TADPOLE ROAD WHICH IS
- 7. PROVIDE CANALIZING DEVICES AS NEEDED TO CLEARLY DELINEATE TRAVEL LANE AND ACCESS TO DRIVEWAYS. PROVIDE AN APPROPRIATE NUMBER OF FLAG PERSONS AS NEEDED BASED UPON LIMIT OF WORK AREA.

# **SUMMARY OF QUANTITIES**

ITEM No. UNIT	DESCRIPTION	TOTAL QTY.	BROOKLAWN QTY	GODDARD QTY	TADPOLE QTY	TIMOTHY QTY	WEST BLADE QTY
0203 0001 CY	CLASS 1 EXCAVATION	111	0	0	0	0	111
0203 0004 CY	CLASS 1B EXCAVATION (BASE REPAIR)	25	6	0	0	19	0
4311 0324 SY	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BASE COURSE, PG 64-22, < 0.3 MILLION ESALS, 25 MM MIX (5" DEPTH) (MODIFIED)	413	17	0	0	58	338
4350 0106 SY	SUBBASE 6" DEPTH (NO. 2A) (BASE REPAIR) (MODIFIED)	413	17	0	0	58	338
4411 0385 SY	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA WEARING COURSE, PG 64-22, <0.3 MILLION ESALS, 9.5MM MIX, 1.5" DEPTH, SRL-L (MODIFIED)	9,967	1,050	1,806	6,181	592	338
4411 2395 TON	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA WEARING COURSE (SCRATCH), PG 64- 22, <0.3 MILLION ESALS, 9.5MM MIX, SRL-L (MODIFIED)	266	29	50	170	17	0
0460 0001 SY	BITUMINOUS TACK COAT	19,258	2,100	3,612	12,362	1,184	0
0491 0013 SY	MILLING OF BITUMINOUS PAVEMENT SURFACE, 2" DEPTH, MILLED MATERIAL RETAINED BY CONTRCTOR	9,037	1,050	1,806	6,181	0	0
0608 0001 LS	MOBILIZATION	1					

ITEM No. UNIT	DESCRIPTION	TOTAL QTY.	BROOKLAWN QTY	GODDARD QTY	TADPOLE QTY	TIMOTHY QTY	WEST BLADE QTY
0802 0001 CY	TOPSOIL FURNISHED AND PLACED	37	0	0	0	5	32
0810 0052 EA	SELECTIVE TREE REMOVAL	1	0	0	0	0	1
0860 0000 EA	INLET FILTER BAG FOR TYPE M INLET	2	0	0	0	2	0
0860 0002 EA	INLET FILTER BAG FOR TYPE C INLET	6	1	5	0	0	0
0901 0001 LS	MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION	1					
4931 0003 SF	POST MOUNTED SIGNS, TYPE B, STEEL SQUARE POST (MODIFIED)	3	0	0	0	0	3
9000 0001 SY	SEEDING, SOIL SUPPLEMENTS AND MULCHING	330	0	0	0	57	273
9000 0002 EA	RESET MAILBOXES	6	0	0	0	5	1
9000 0003 SY	DRIVEWAY RESTORATION	97	0	0	0	97	0

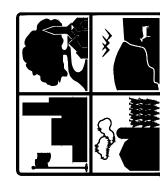


**PROJECT LOCATION MAP** 

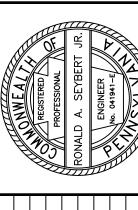
NOT TO SCALE

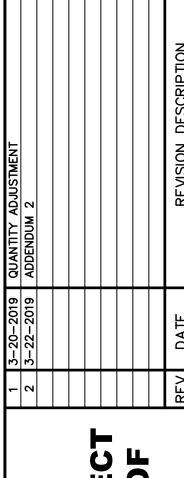
TIMOTHY LANE CUL-DE-SAC

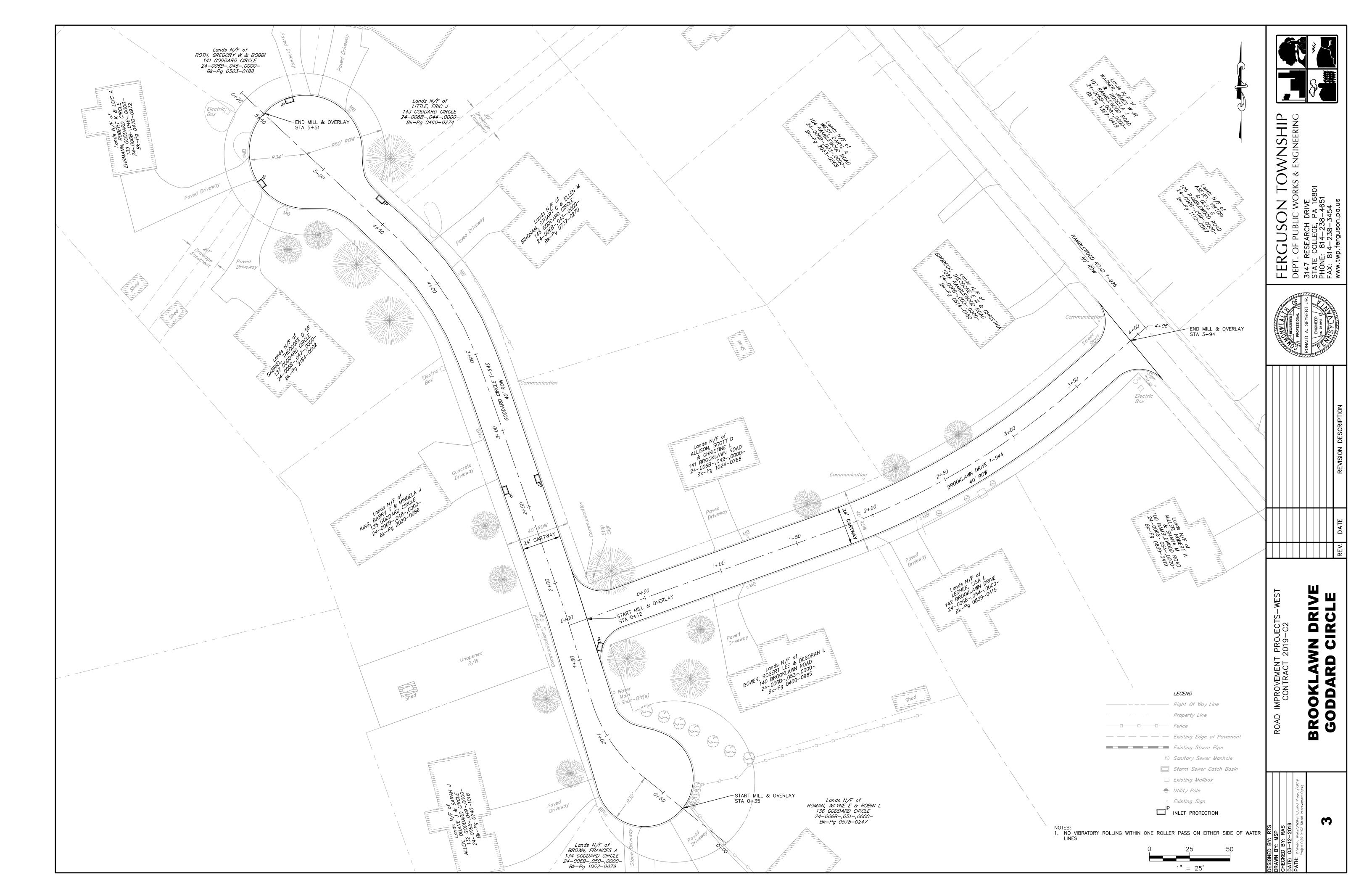
WEST BLADE DRIVE CUL-DE-SAC



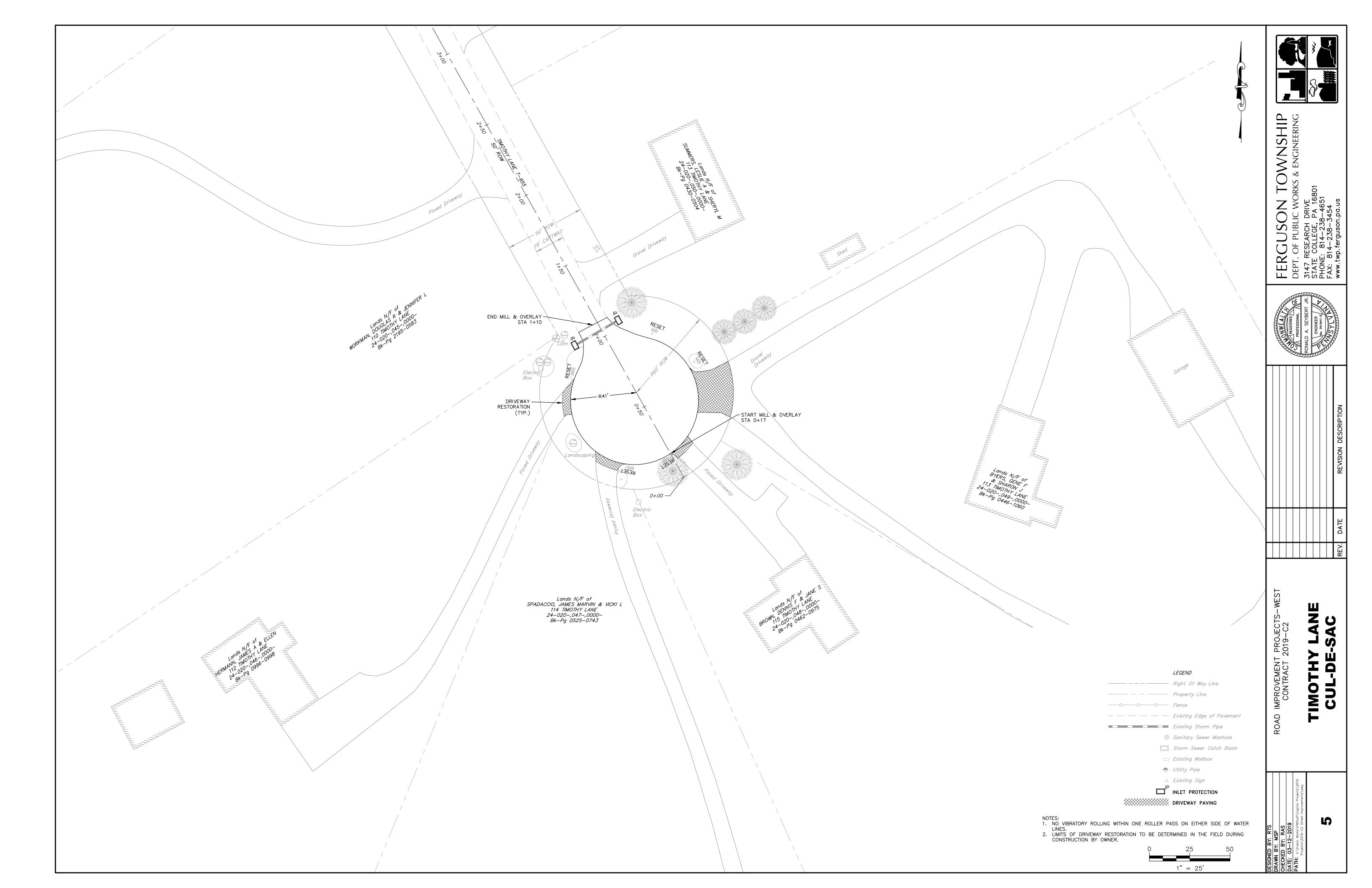
SHIP

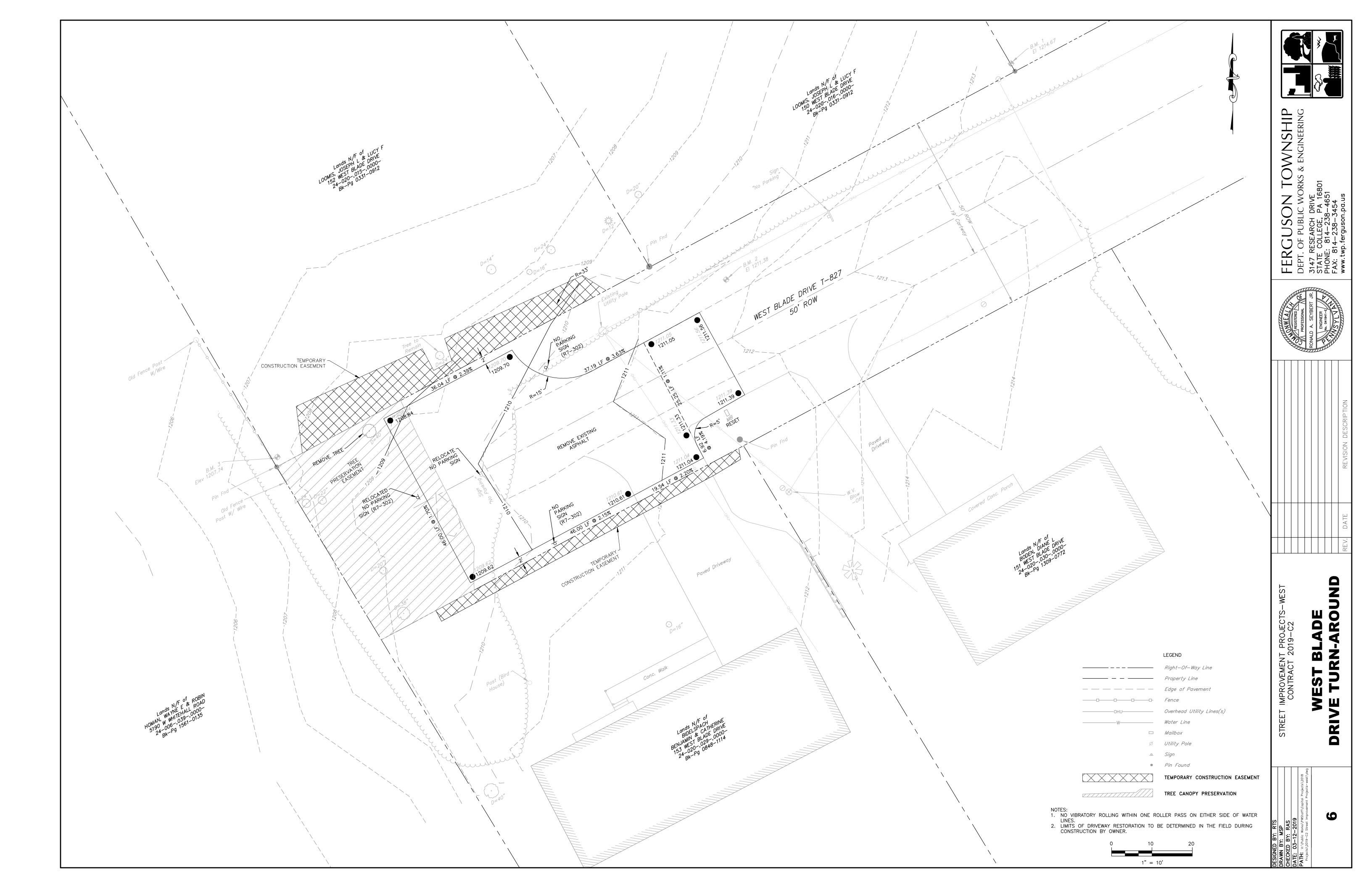


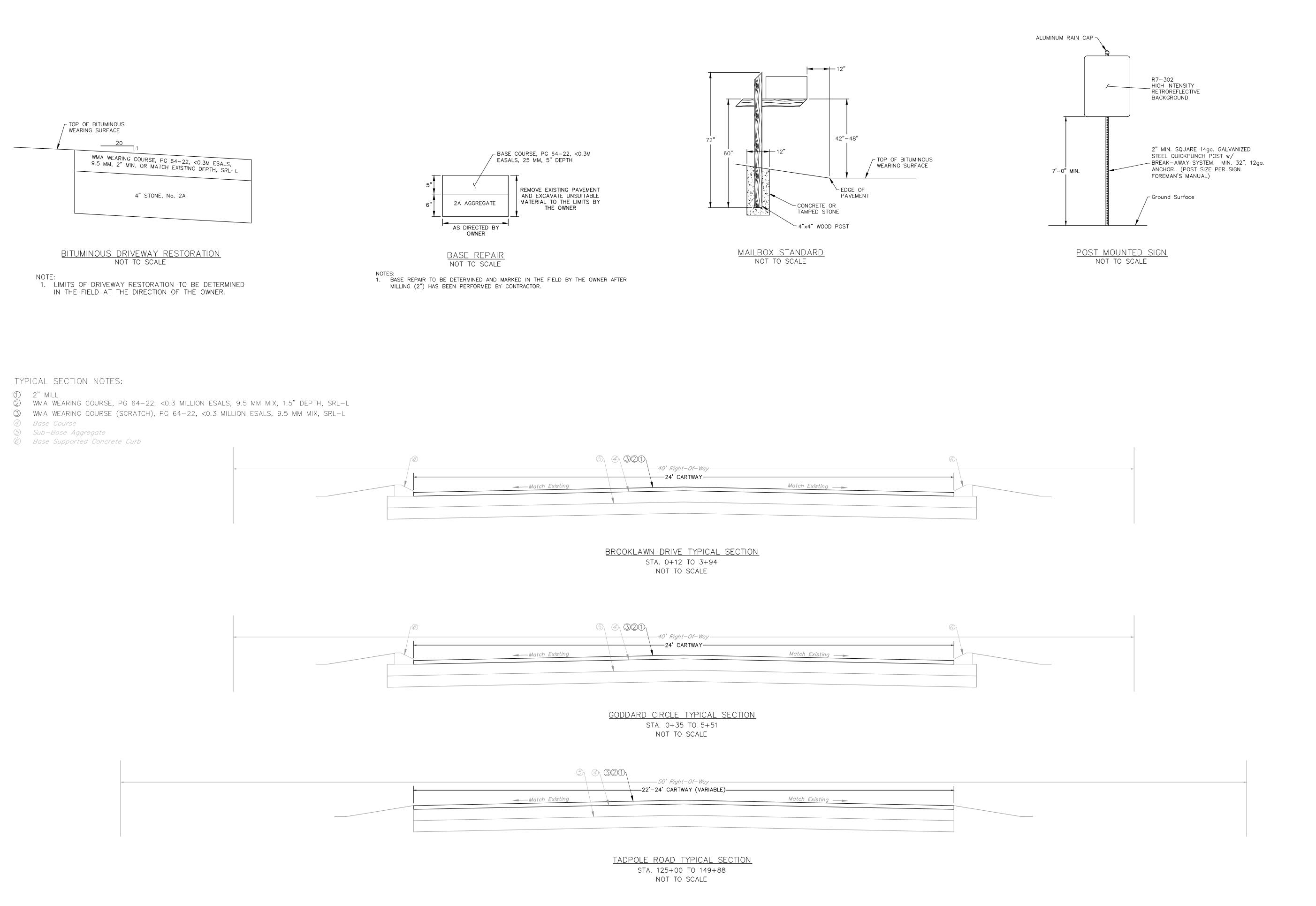












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ROAD IMPROVEMENT PROJECTS CONTRACT 2019—C2