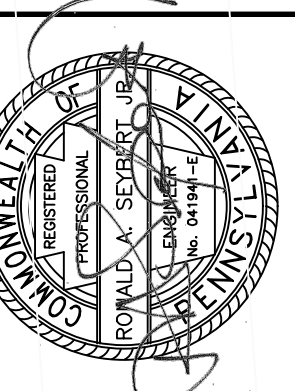


FERGUSON TOWNSHIP
DEPT. OF PUBLIC WORKS & ENGINEERING
3147 RESEARCH DRIVE
STATE COLLEGE, PA 16801
PHONE: 814-238-4651
FAX: 814-238-3454
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CONTRACT 2019-C2

COVER

T

DRAWN BY: MSP
CHECKED BY: RAS
DATE: 03-12-2019
PATH: v:\Public Works\Projects\2019-C2 Street Improvements

1. OWNER: FERGUSON TOWNSHIP
3147 RESEARCH DRIVE
STATE COLLEGE, PA 16801
(814) 238-4651
2. THE LEGAL RIGHT OF WAY ON BROOKLAWN DRIVE IS FORTY (40) FEET.
3. THE LEGAL RIGHT OF WAY ON GODDARD CIRCLE IS FORTY (40) FEET.
3. 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.

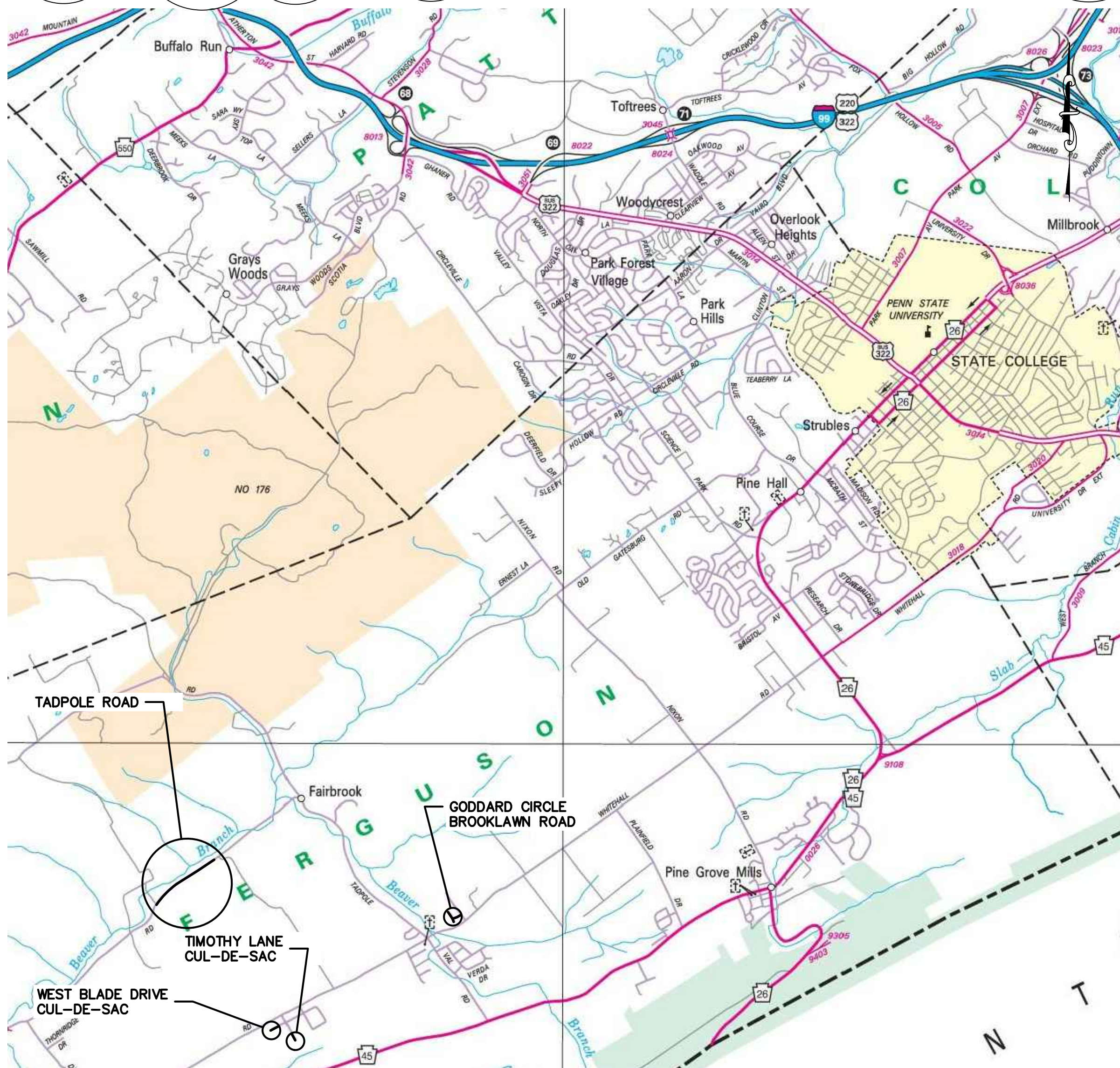
1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND ARE BASED ON RECORDS OF THE VARIOUS FACILITY OWNERS AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE UTILITY INFORMATION IS NOT TO BE RELIED ON AS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

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 215M – 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 LINES.
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.

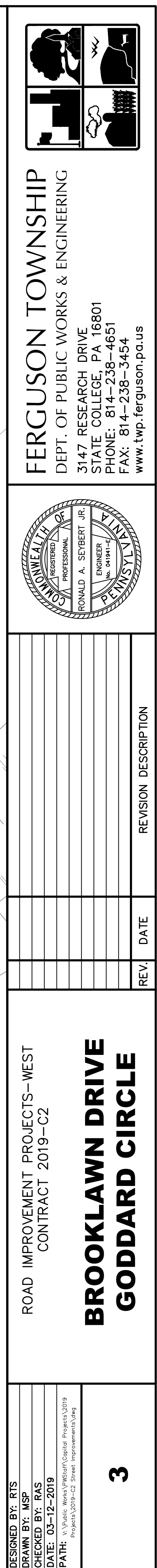
1. MAINTAIN TRAFFIC IN ACCORDANCE WITH THE LATEST EDITION OF PENNDOT PUBLICATION 213M (67 PA CODE, CH. 212)
2. WORK ZONE TRAFFIC CONTROL GUIDELINES.
3. PROVIDE FLAGGERS AT INTERSECTION DURING LANE CLOSURES.
4. ROAD CLOSURES SHALL NOT BE PERMITTED, ONE LANE SHALL BE ACCESSIBLE TO TRAFFIC AT ALL TIMES.
5. SHORT-TERM WORK ZONE TRAFFIC CONTROL SHALL BE REMOVED AT THE END OF A WORK DAY.
6. DO NOT HAVE OPEN LANE-TOFFS/OPEN EXCAVATIONS DURING NON-WORKING HOURS.
7. THE POSTED SPEED LIMIT ON ALL ROADS IN CONTRACT 2019-02 ARE 25 MPH, EXCEPT TADPOLE ROAD WHICH IS 40 MPH.
8. PROVIDE CANALIZING DEVICES AS NEEDED TO CLEARLY DELINEATE TRAVEL LANE AND ACCESS TO DRIVEWAYS.
9. PROVIDE AN APPROPRIATE NUMBER OF FLAG PERSONS AS NEEDED BASED UPON LIMIT OF WORK AREA.

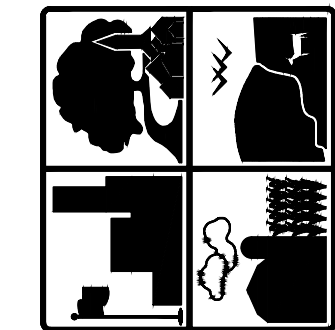
ITEM No. UNIT	DESCRIPTION	TOTAL QTY.	BROOKLAWN QTY	GODDARD QTY	TADPOLE QTY	TIMOTHY QTY	WEST BLADE QTY
0203 0001 CY	CLASS 1 EXCAVATION	111	0	0	0	0	111
0203 0004 CY	CLASS 1B EXCAVATION (BASE REPAIR)	25	6	0	0	19	0
4311 0324 SY	SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BASE COURSE, PG 64-22, < 0.3 MILLION ESALS, 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 CONTRACTOR	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

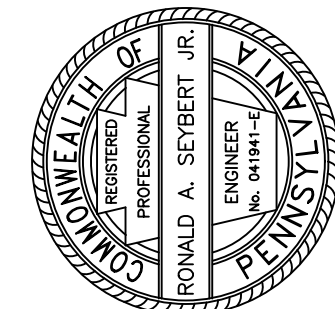


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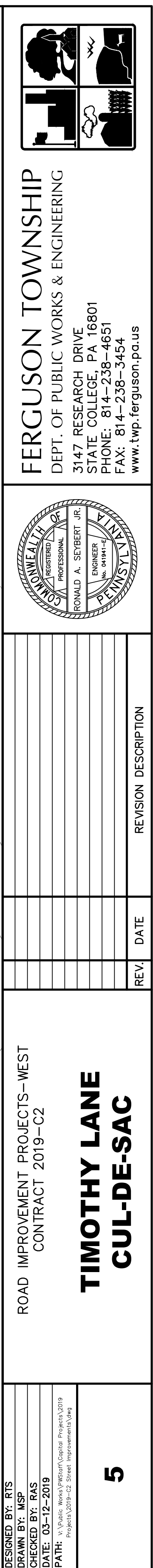
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CONTRACT 2019—C2

TADPOLE ROAD

4

DESIGNED BY: RTS
DRAWN BY: MSP
CHECKED BY: RAS
DATE: 03-12-2019
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NOTE:
1. LIMITS OF DRIVEWAY RESTORATION TO BE DETERMINED
IN THE FIELD AT THE DIRECTION OF THE OWNER.

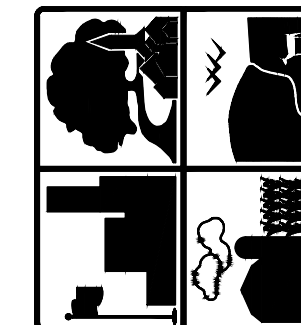
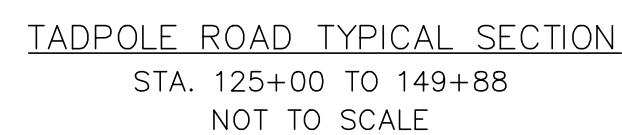
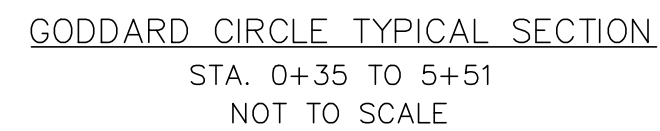
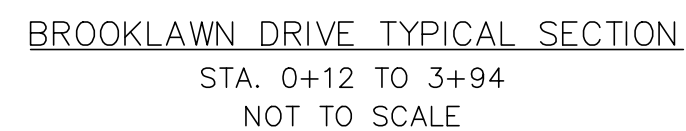


NOTES:
1. BASE REPAIR TO BE DETERMINED AND MARKED IN THE FIELD BY THE OWNER AFTER MILLING (2") HAS BEEN PERFORMED BY CONTRACTOR.

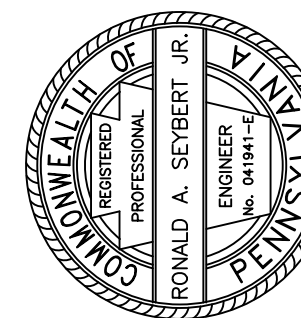


TYPICAL SECTION NOTES:

- ① 2" MILL
- ② WMA WEARING COURSE, PG 64-22, <0.3 MILLION ESALS, 9.5 MM MIX, 1.5" DEPTH, SRL-L
- ③ WMA WEARING COURSE (SCRATCH), PG 64-22, <0.3 MILLION ESALS, 9.5 MM MIX, SRL-L
- ④ *Base Course*
- ⑤ *Sub-Base Aggregate*
- ⑥ *Base Supported Concrete Curb*



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CONTRACT 2019—C2

DETAILS & TYPICAL SECTIONS

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