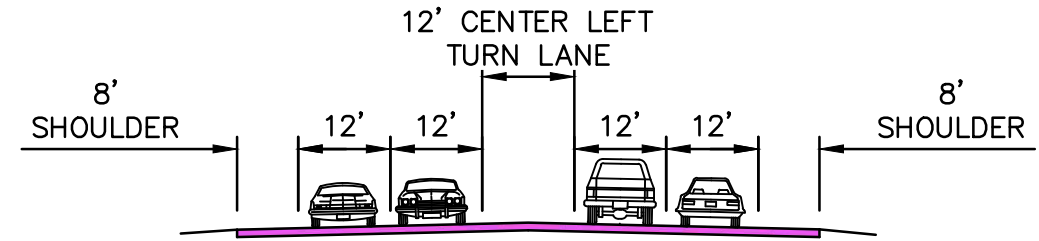


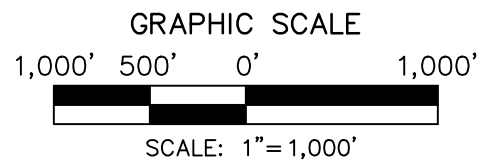


APPENDIX M
IMPROVEMENT SKETCHES



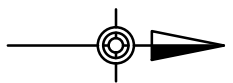
LEGEND:

- PROPOSED BIKE PATH
- PROPOSED ROAD
- POTENTIAL CONNECTOR ROAD

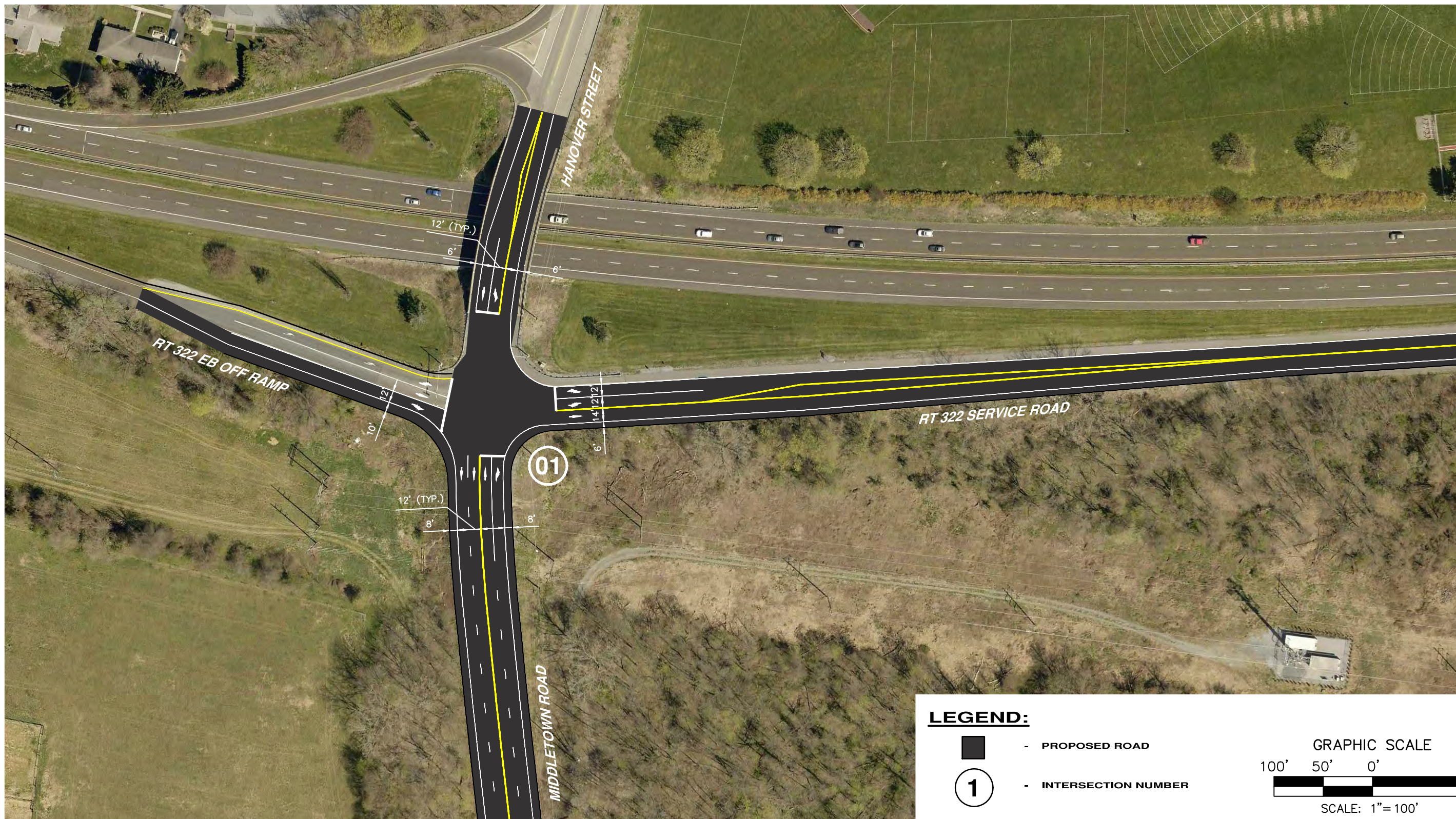


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

CORRIDOR 3 - MIDDLETOWN RD
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 OCTOBER 2020

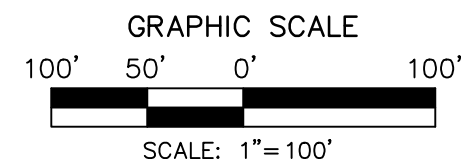


369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1156
 hr@hrg-inc.com
 www.hrg-inc.com



LEGEND:

- PROPOSED ROAD
- 1 - INTERSECTION NUMBER

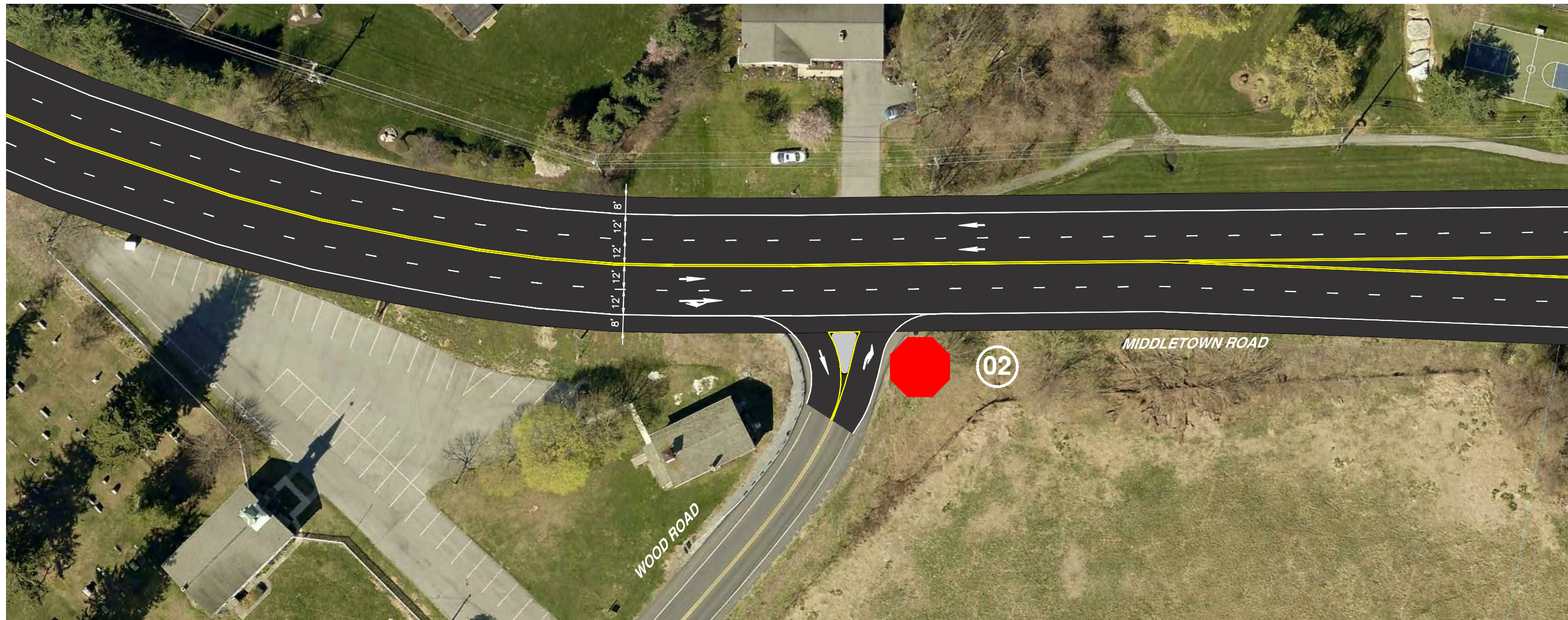


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN




INT. 01 - MIDDLETOWN RD & RT 322 EB RAMP/SERVICE RD
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 SEPTEMBER 2020

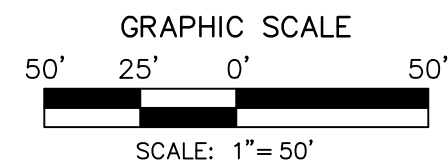


369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1156
 hrghrg.com
 www.hrg-inc.com



LEGEND:

-  - PROPOSED ROAD
-  - PROPOSED STOP
-  - INTERSECTION NUMBER

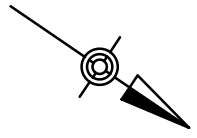


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN

INT. 02 - MIDDLETOWN RD & WOOD RD
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 JANUARY 2020







369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax: (717) 564-1156
hrg@hrg-inc.com
www.hrg-inc.com

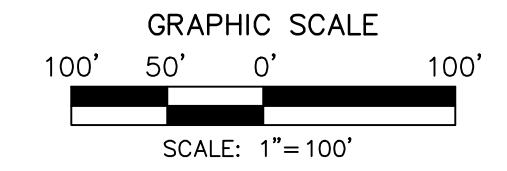


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN

INT. 07 - BULLFROG VALLEY ROAD & WOOD ROAD
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 JUNE 2020

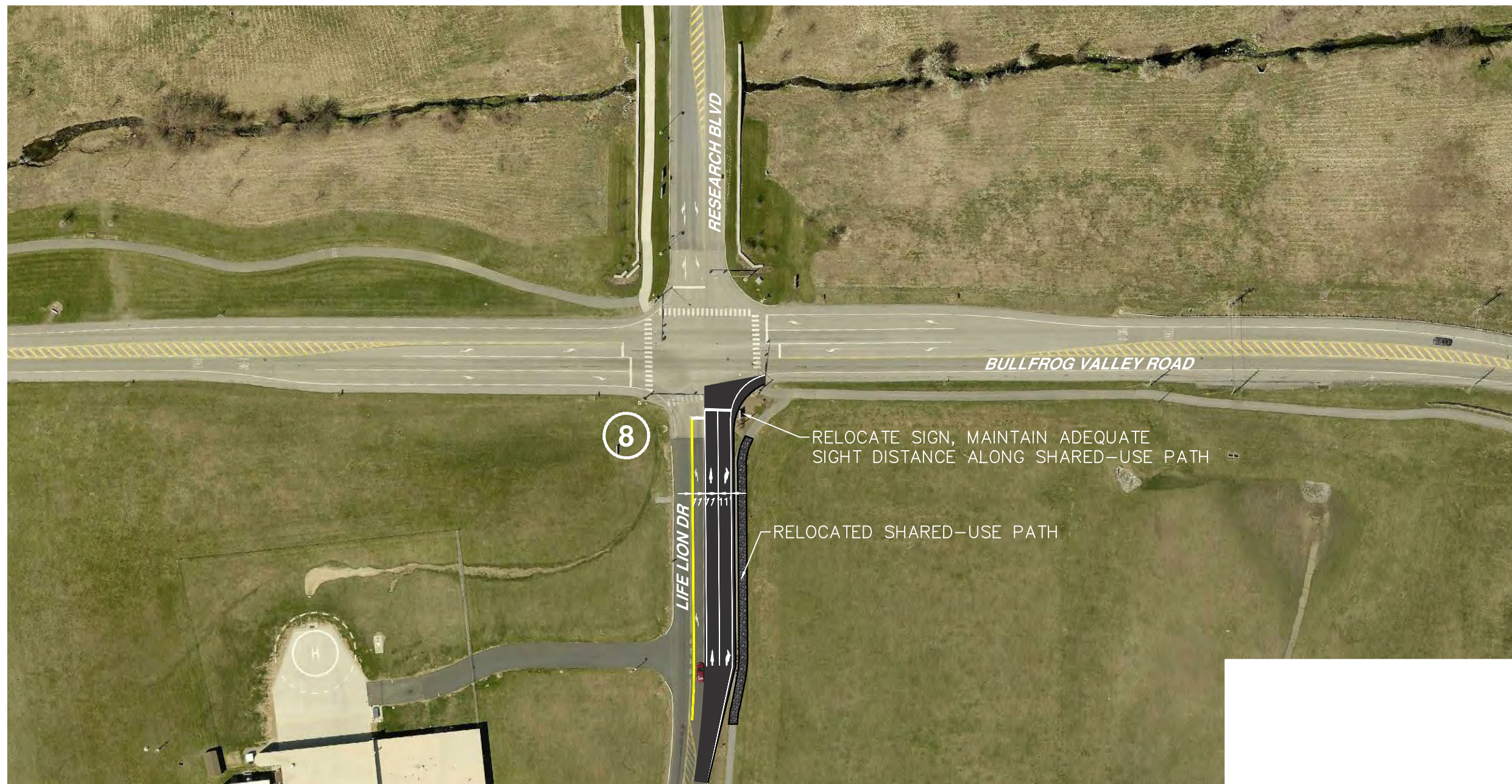
LEGEND:

-  - PROPOSED BIKE PATH
-  - PROPOSED ROAD
-  - PROPOSED STOP
-  - INTERSECTION NUMBER



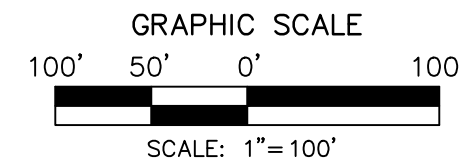
HRG
 Herbert Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1156
 hrg@hrg-inc.com
 www.hrg-inc.com






RELOCATE SIGN, MAINTAIN ADEQUATE SIGHT DISTANCE ALONG SHARED-USE PATH

RELOCATED SHARED-USE PATH



LEGEND:

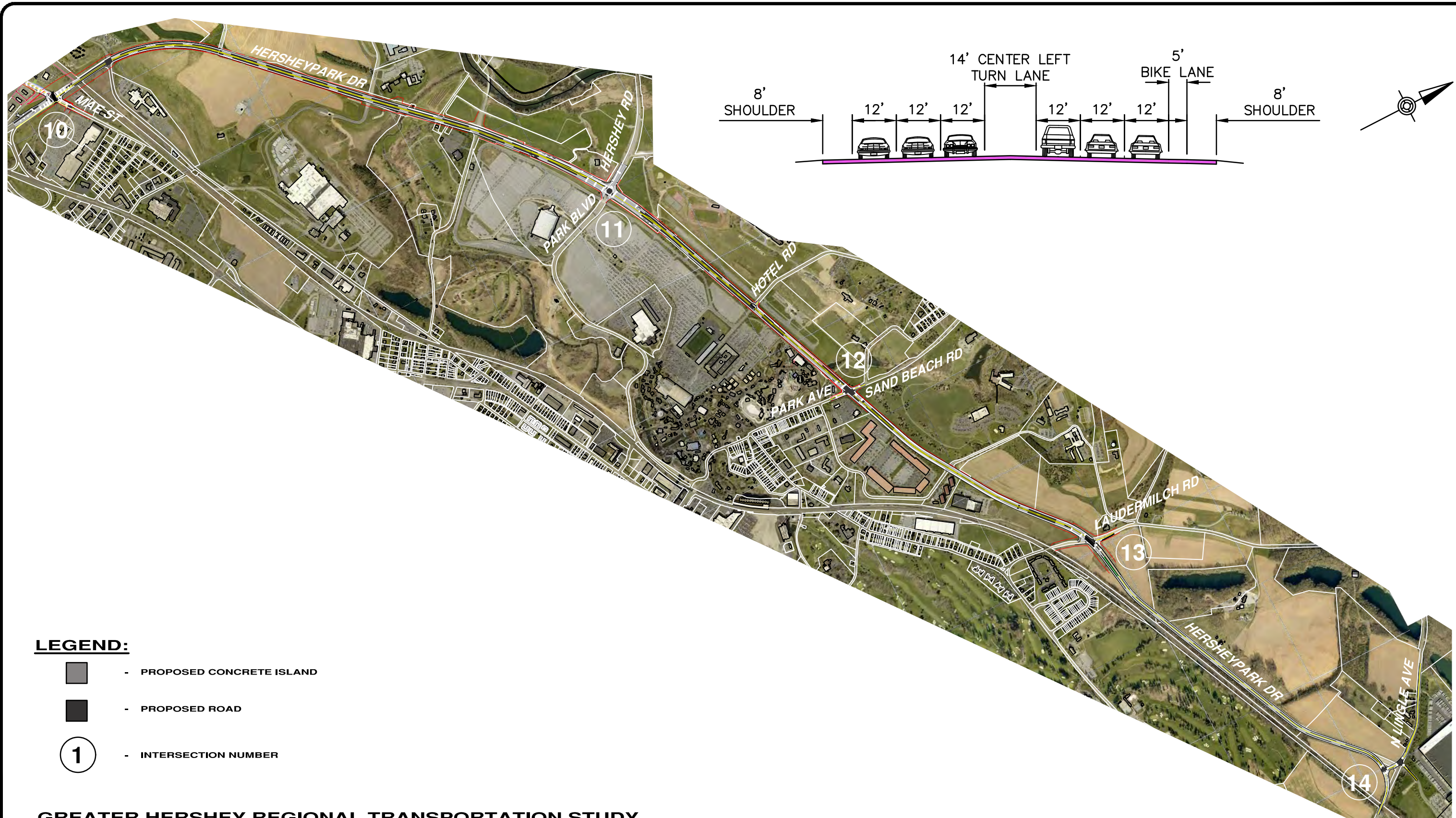
-  - PROPOSED BIKE PATH
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN




INT. 08 - BULLFROG VALLEY ROAD & RESEARCH BLVD/LIFE LION DR
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 JUNE 2020

HRG
 Herbert Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1158
 hrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

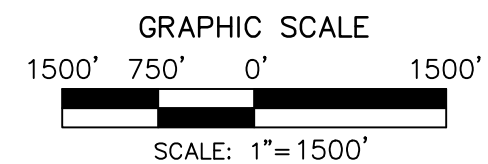
-  - PROPOSED CONCRETE ISLAND
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

**GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN**

**CORRIDOR 1 - HERSHEY PARK DRIVE
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA**

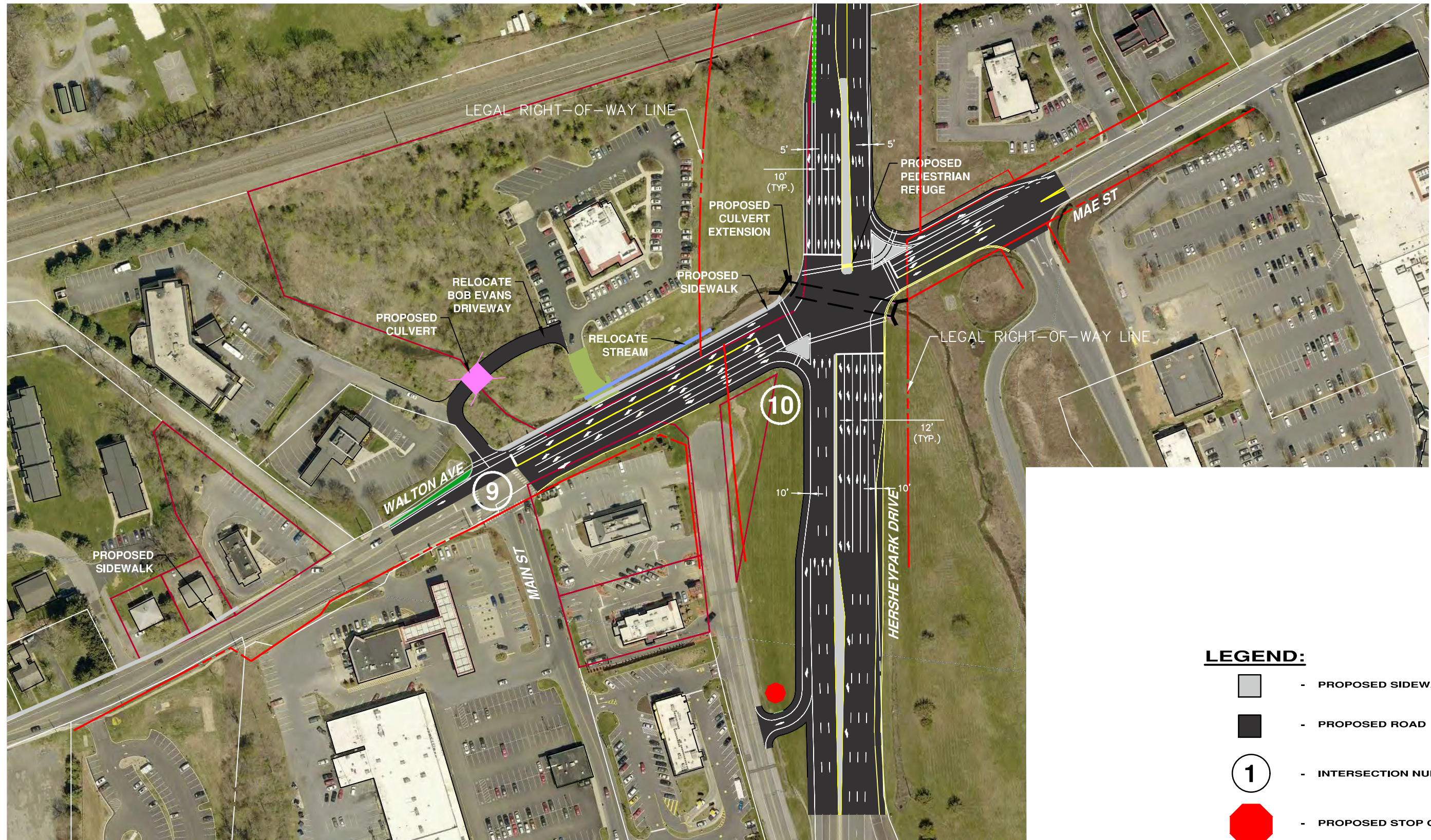
JOB#: R002484.0484

JANUARY 2020







HRG
 HERSHEY, BOWLING & GRUBIC, INC.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

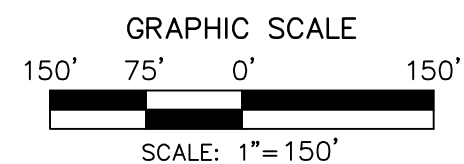
-  - PROPOSED SIDEWALK/ISLAND
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER
-  - PROPOSED STOP CONTROL

**GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN**

**INT. 10 - W HERSHEY PARK DRIVE & WALTON AVE/MAE ST
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA**

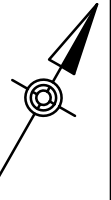
JOB#: R002484.0484

JUNE 2020






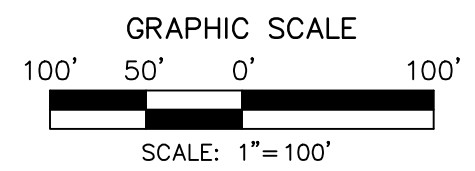
HRG
 Herzog, Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrghrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

-  - PROPOSED CONCRETE ISLAND
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER



GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

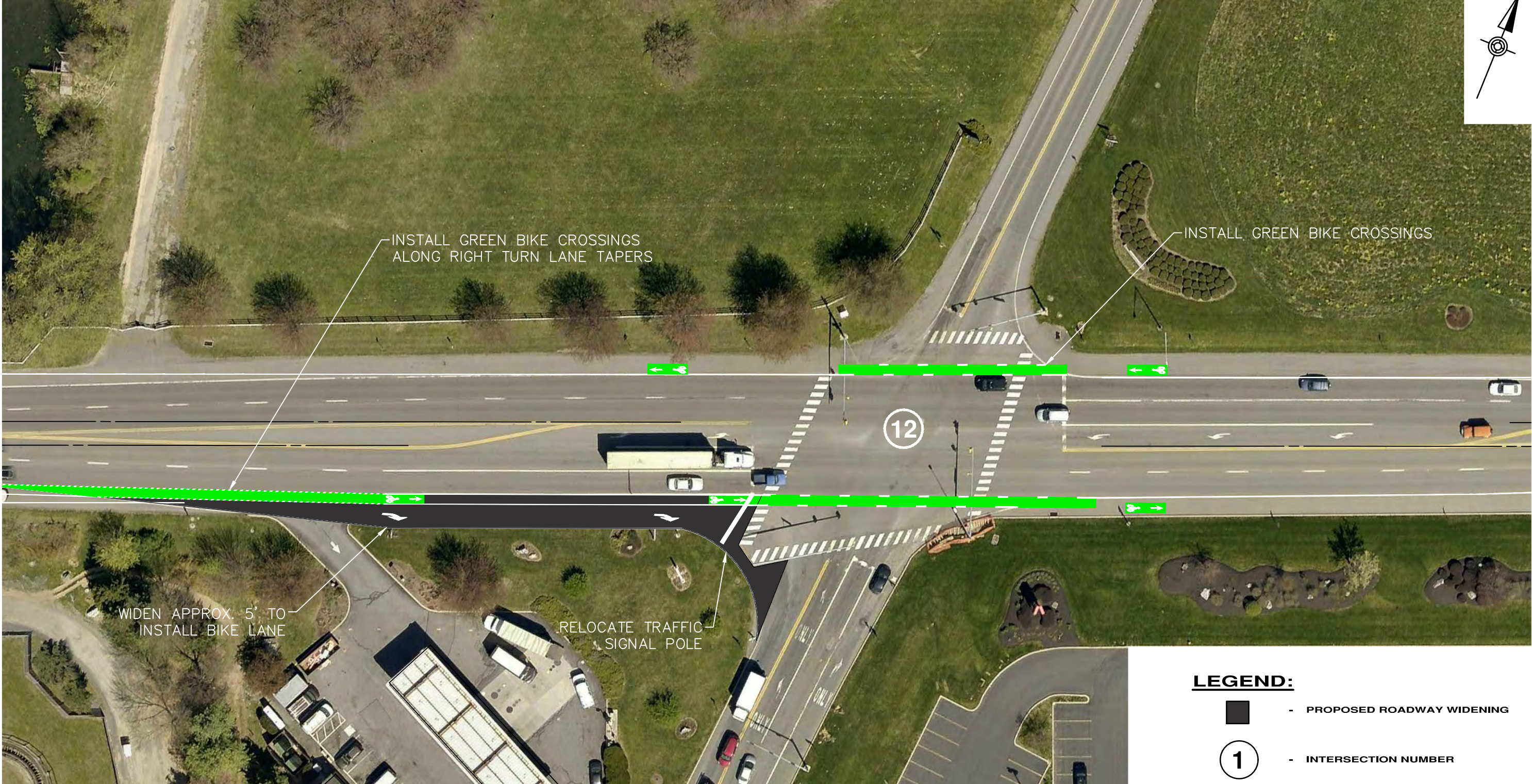
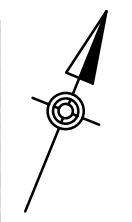
INT. 11 - W HERSHEY PARK DRIVE & HERSHEY ROAD
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

JOB#: R002484.0484



JUNE 2020



369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hr@hrg-inc.com
 www.hrg-inc.com



LEGEND:

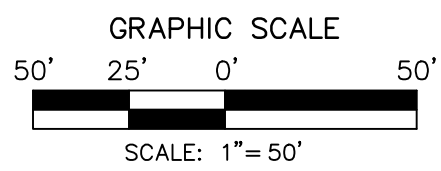
-  - PROPOSED ROADWAY WIDENING
-  - INTERSECTION NUMBER

SHORT TERM
 GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

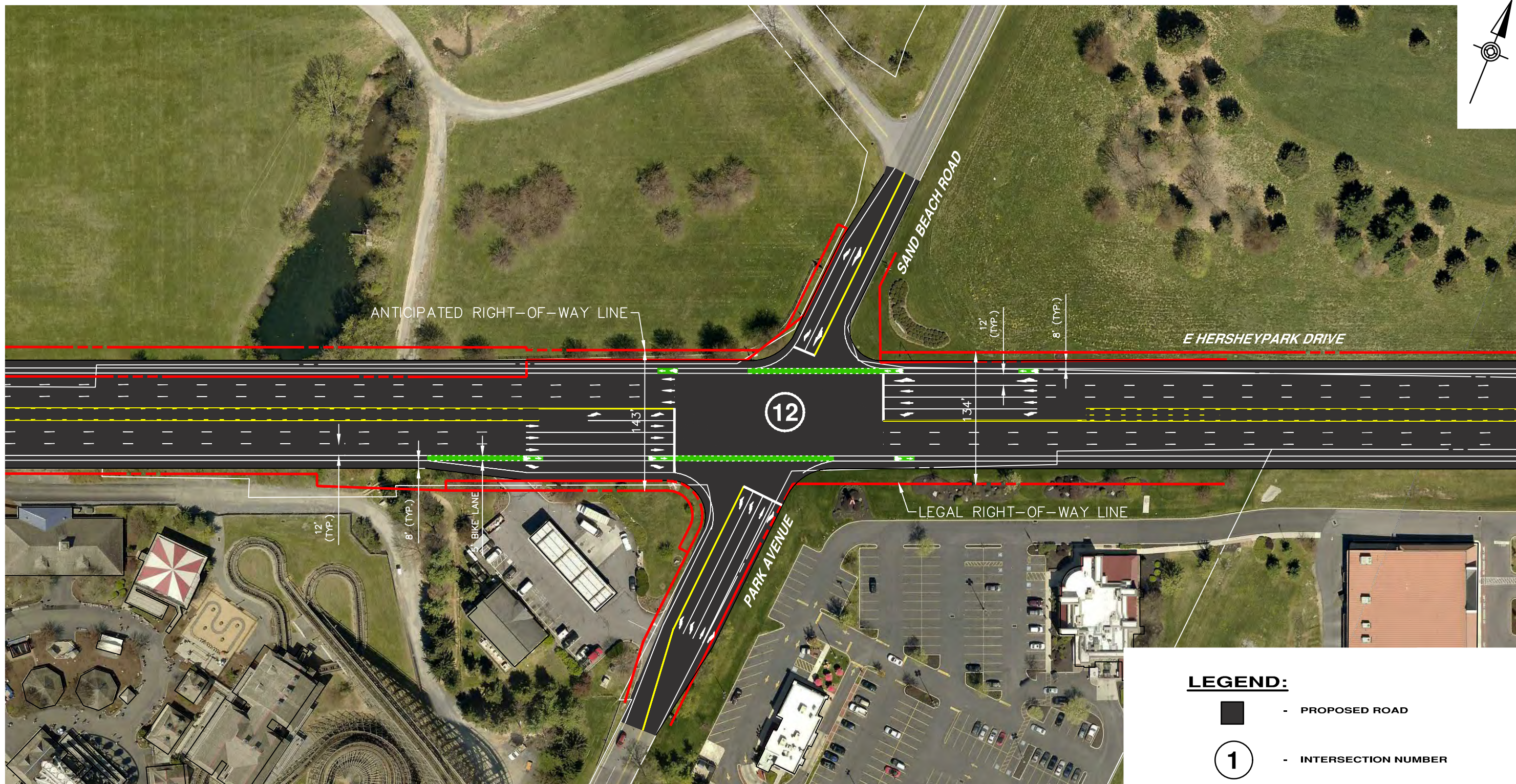
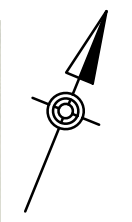
INT. 12 - E/W HERSHEY PARK DRIVE & SAND BEACH RD/PARK AVE
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

JOB#: R002484.0484



JUNE 2020



369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

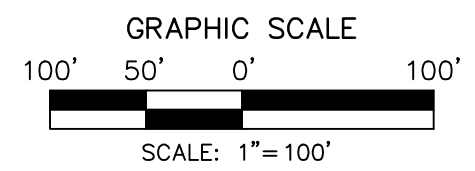
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

LONG TERM
 GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

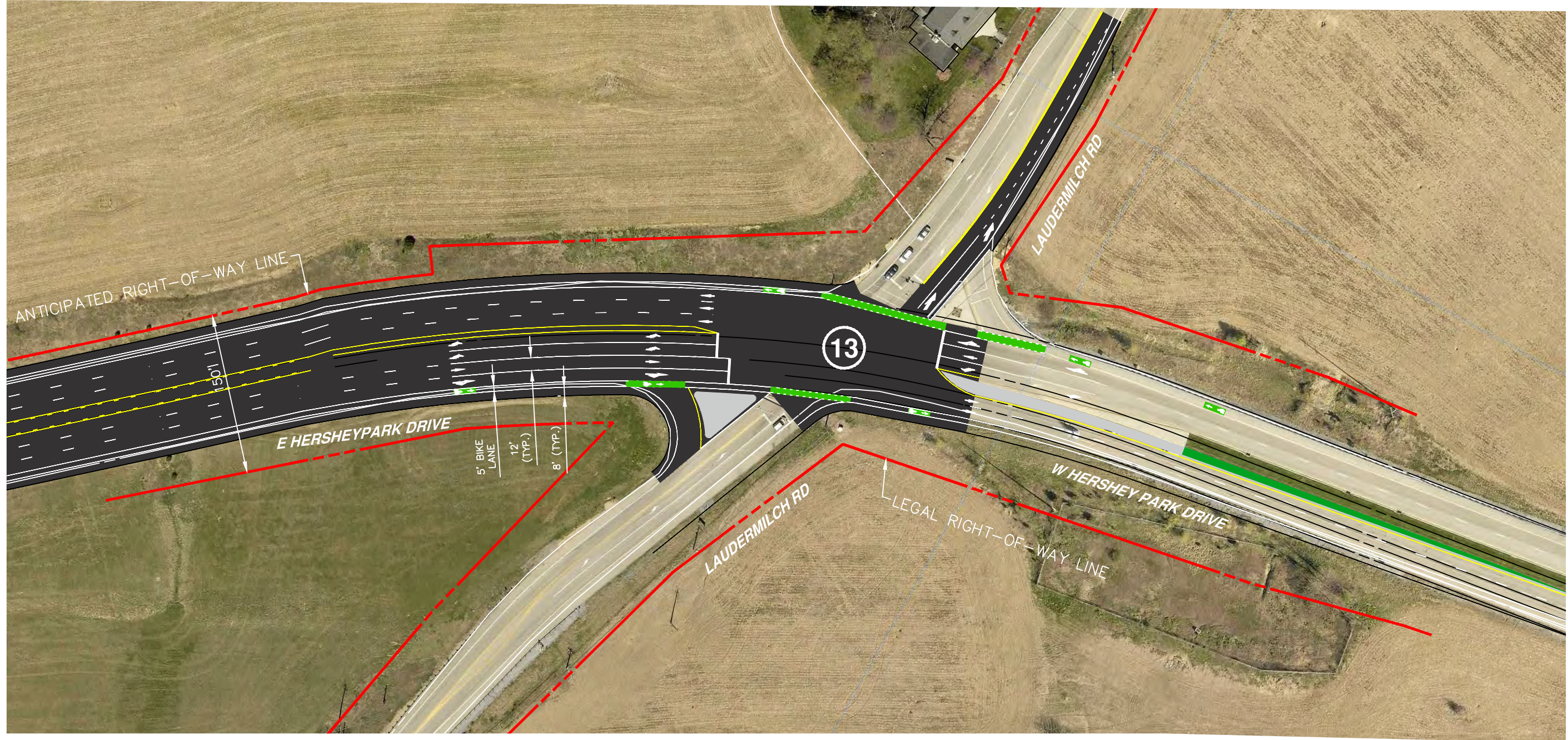
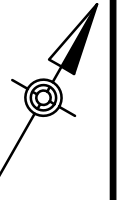
INT. 12 - E/W HERSHEY PARK DRIVE & SAND BEACH RD/PARK AVE
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

JOB#: R002484.0484




JUNE 2020



369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hr@hrg-inc.com
 www.hrg-inc.com



LEGEND:

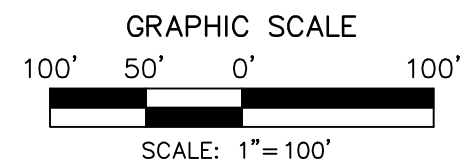
-  - PROPOSED CONCRETE ISLAND
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN

INT. 13 - E HERSHEY PARK DRIVE & LAUDERMILCH ROAD
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

JOB#: R002484.0484

JUNE 2020




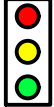


HRG
 Herzog, Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrghrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

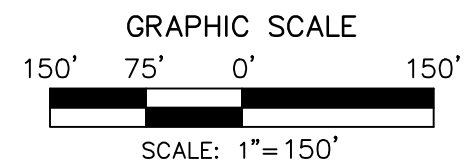
-  - PROPOSED ROAD
-  - PROPOSED CONCRETE ISLAND
-  - INTERSECTION NUMBER
-  - PROPOSED SIGNALIZED INTERSECTION

GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

INT. 14 - E HERSHEY PARK DRIVE & N LINGLE AVENUE
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

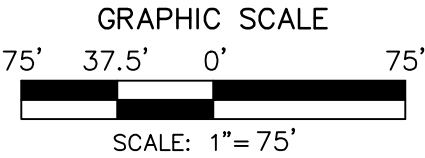
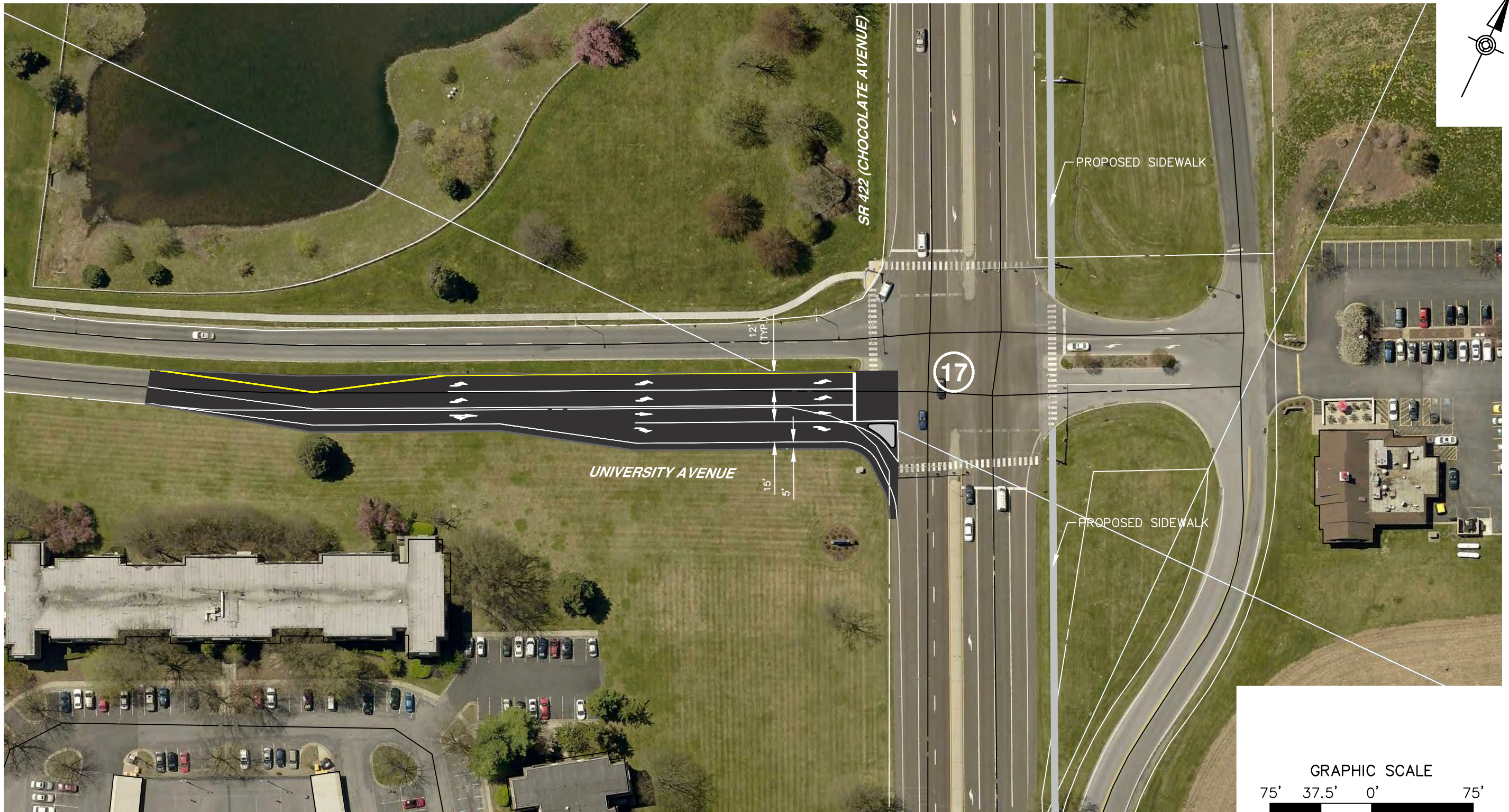
JOB#: R002484.0484

JUNE 2020



HRG
 Hershey, Rowland & Graphic, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY




369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrg@hrg-inc.com
 www.hrg-inc.com



GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

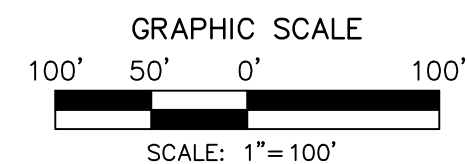
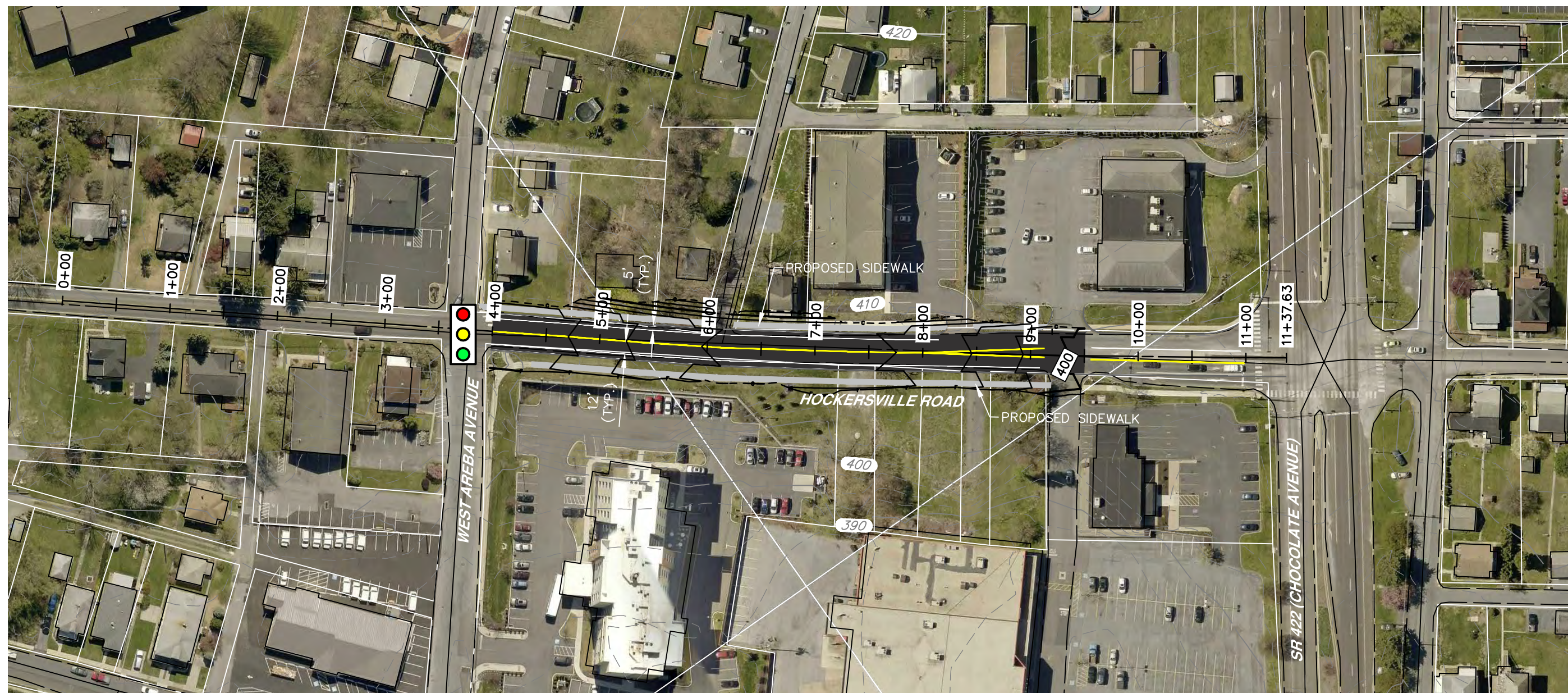
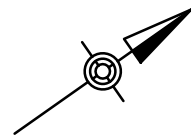
INT. 17 - W CHOCOLATE AVE & UNIVERSITY DR
 DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 JANUARY 2020

LEGEND:



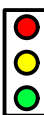
-  - PROPOSED ROAD
-  - PROPOSED CONCRETE ISLAND/ SIDEWALK
-  - INTERSECTION NUMBER



369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1156
 hr@hrg-inc.com
 www.hrg-inc.com



LEGEND:

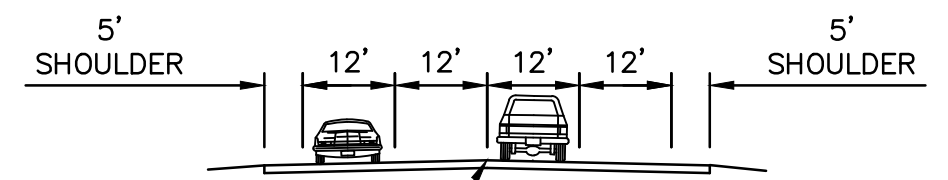
-  - PROPOSED ROAD
-  - PROPOSED SIDEWALK
-  - PROPOSED SIGNALIZED INTERSECTION

GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN

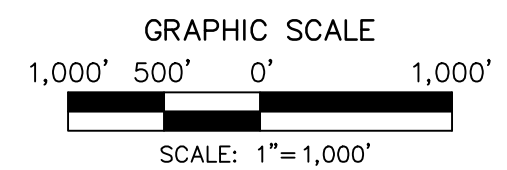
INT. 22 - HOCKERSVILLE ROAD & WEST AREBA AVENUE
DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 JANUARY 2020





369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax: (717) 564-1156
hrg@hrg-inc.com
www.hrg-inc.com



OPTIONAL IMPROVEMENT



LEGEND:

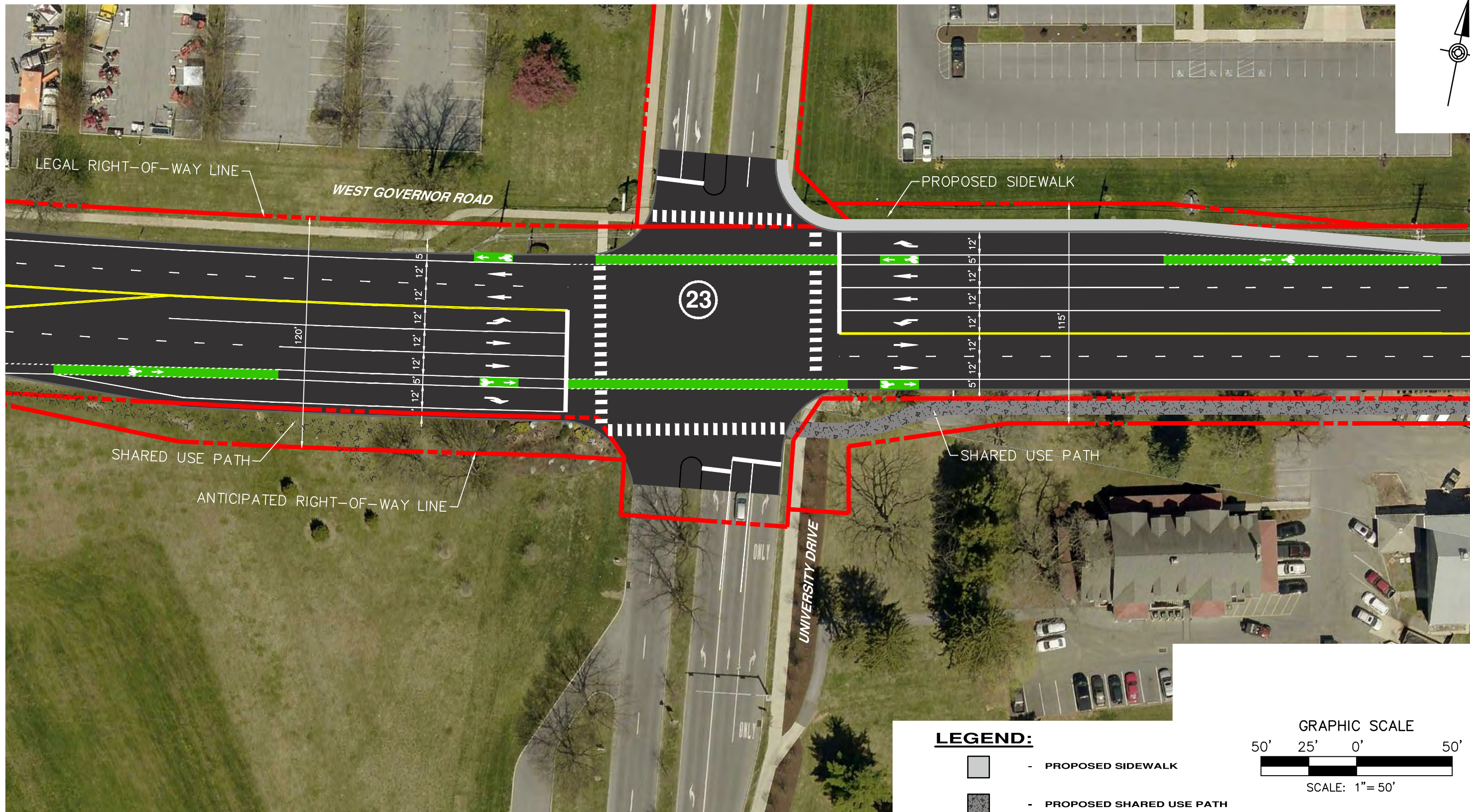
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN

COORIDOR 2 - GOVERNOR ROAD
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 SEPTEMBER 2020

HRG
 Robert Rowland & Gerbig, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY





369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1156
 hr@hr-inc.com
 www.hr-inc.com

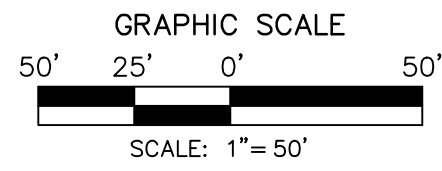


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

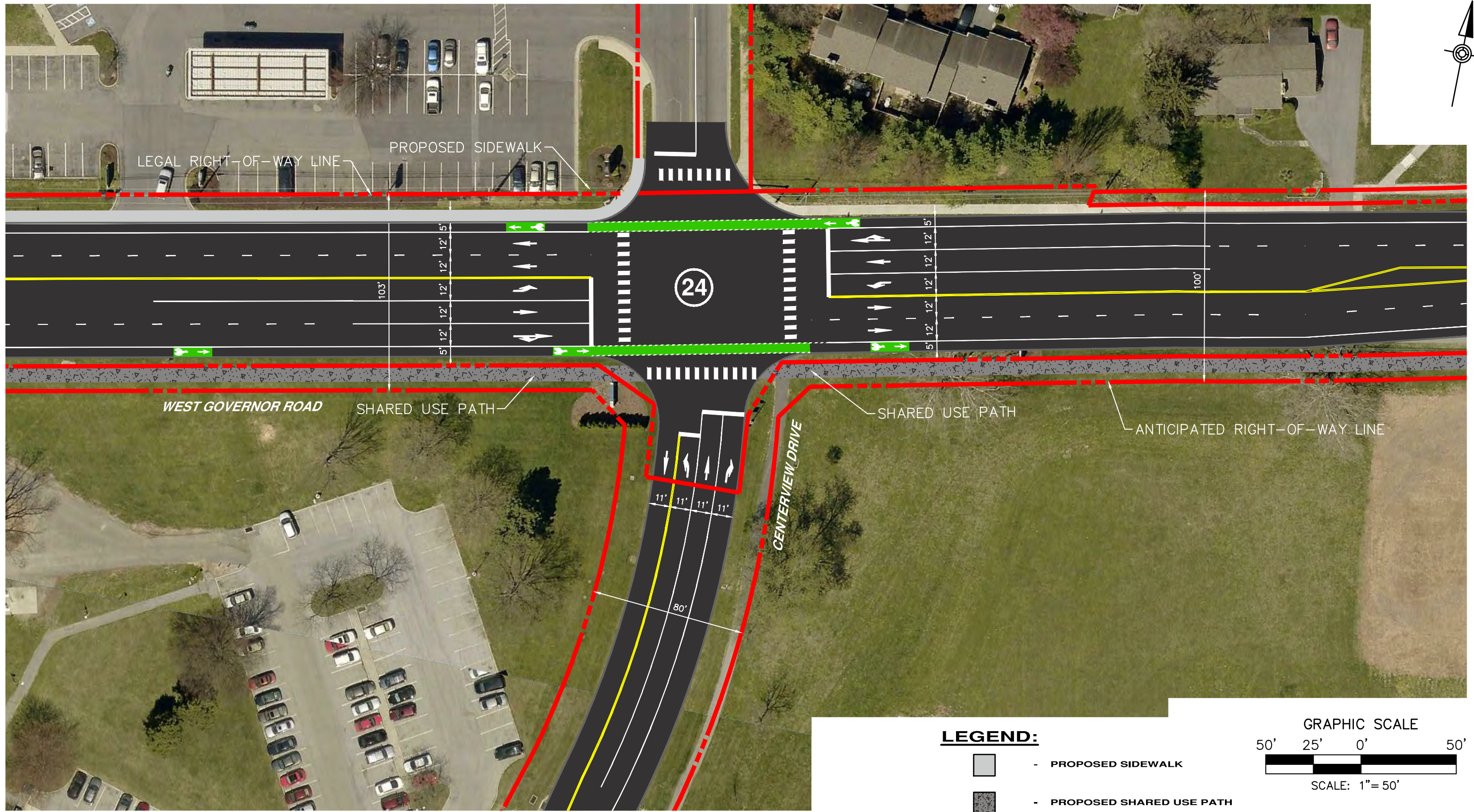
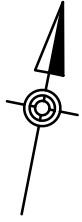
INT. 23 - W GOVERNOR RD & UNIVERSITY DR
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 SEPTEMBER 2020

LEGEND:





-  - PROPOSED SIDEWALK
-  - PROPOSED SHARED USE PATH
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

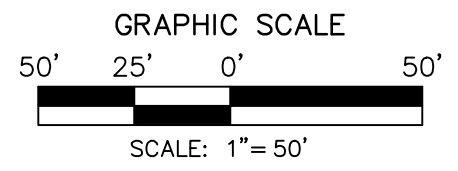


369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrgh@hrg-inc.com
 www.hrg-inc.com



LEGEND:

-  - PROPOSED SIDEWALK
-  - PROPOSED SHARED USE PATH
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

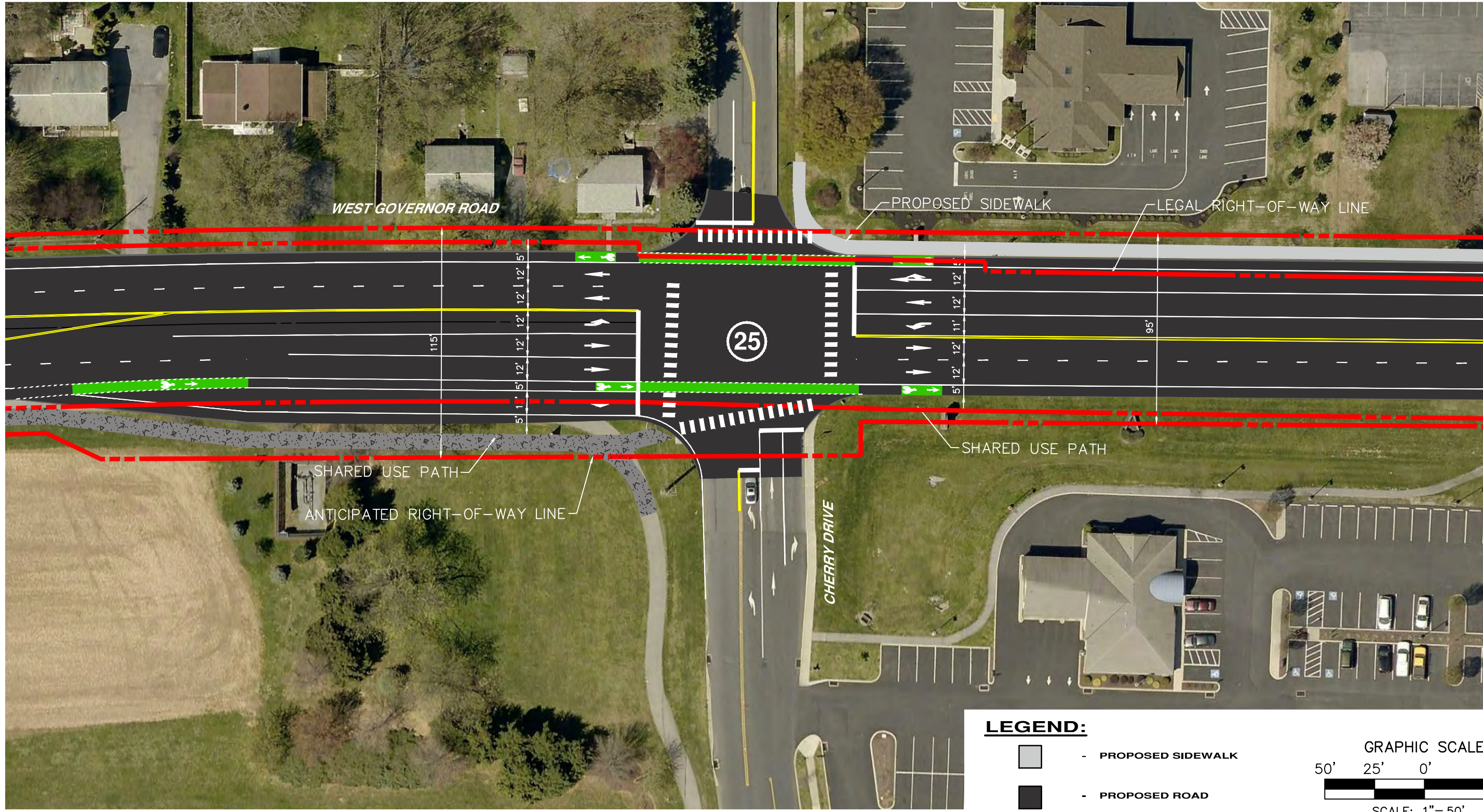


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN





INT. 24 - W GOVERNOR RD & CENTERVIEW DR
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 SEPTEMBER 2020

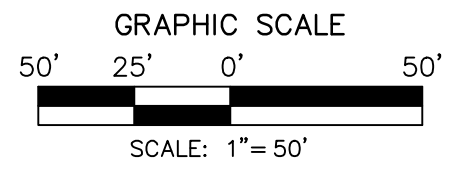
HRG
 Herbert Rowland & Grubis, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1156
 hr@hrg-inc.com
 www.hrg-inc.com



LEGEND:

-  - PROPOSED SIDEWALK
-  - PROPOSED ROAD
-  - PROPOSED SHARED USE PATH
-  - INTERSECTION NUMBER

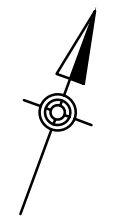
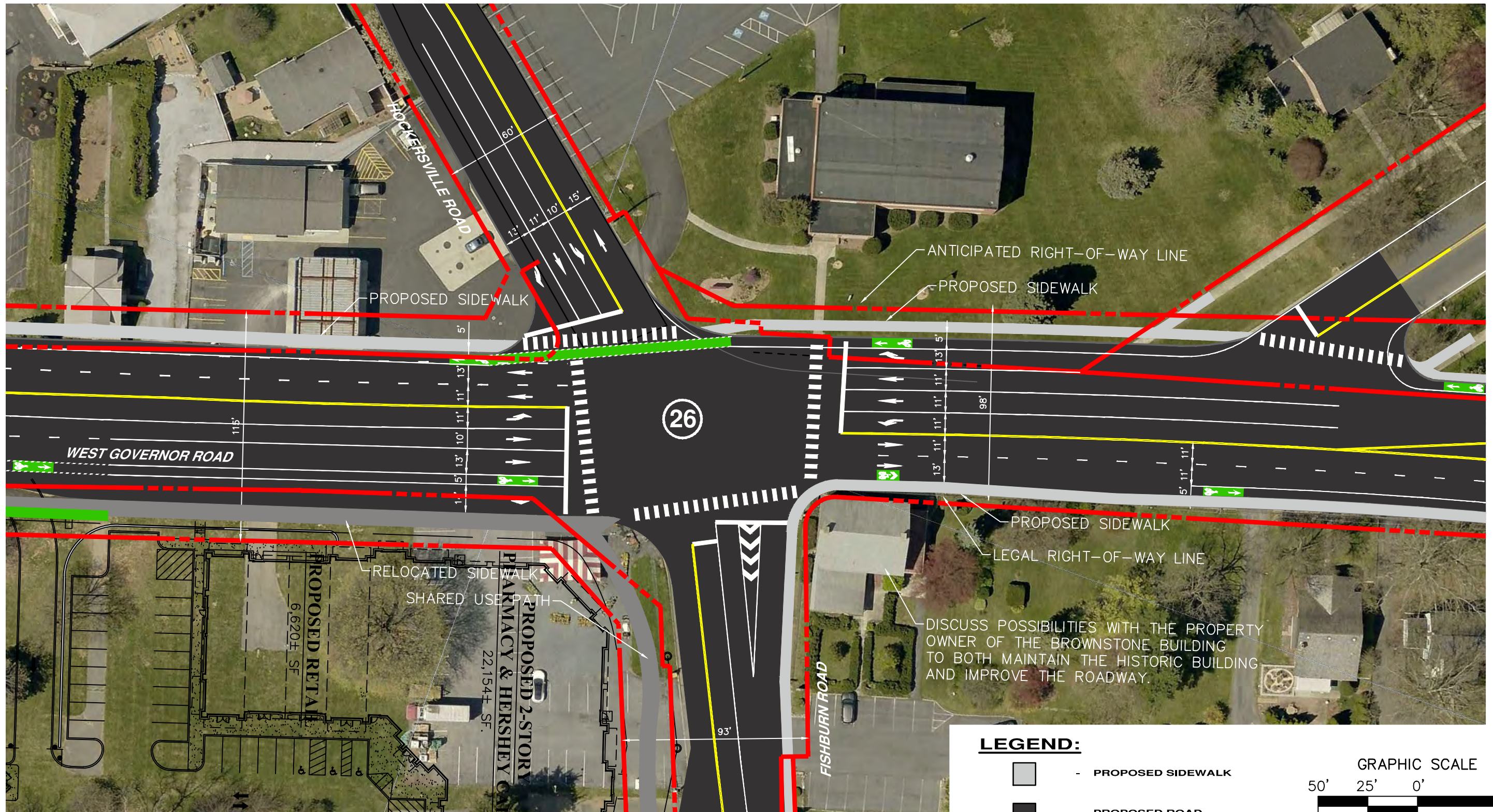


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

INT. 25 - W GOVERNOR RD & CHERRY DR
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 SEPTEMBER 2020

HRG
 Herbert Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax: (717) 564-1156
 hrg@hrg-inc.com
 www.hrg-inc.com



ANTICIPATED RIGHT-OF-WAY LINE
 PROPOSED SIDEWALK

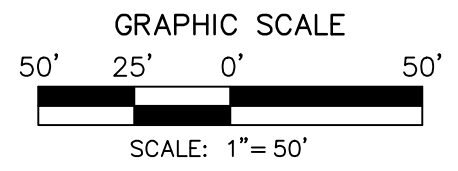
PROPOSED SIDEWALK
 LEGAL RIGHT-OF-WAY LINE

DISCUSS POSSIBILITIES WITH THE PROPERTY OWNER OF THE BROWNSTONE BUILDING TO BOTH MAINTAIN THE HISTORIC BUILDING AND IMPROVE THE ROADWAY.

LEGEND:

-  - PROPOSED SIDEWALK
-  - PROPOSED ROAD
-  - PROPOSED SHARED USE PATH

1 - INTERSECTION NUMBER

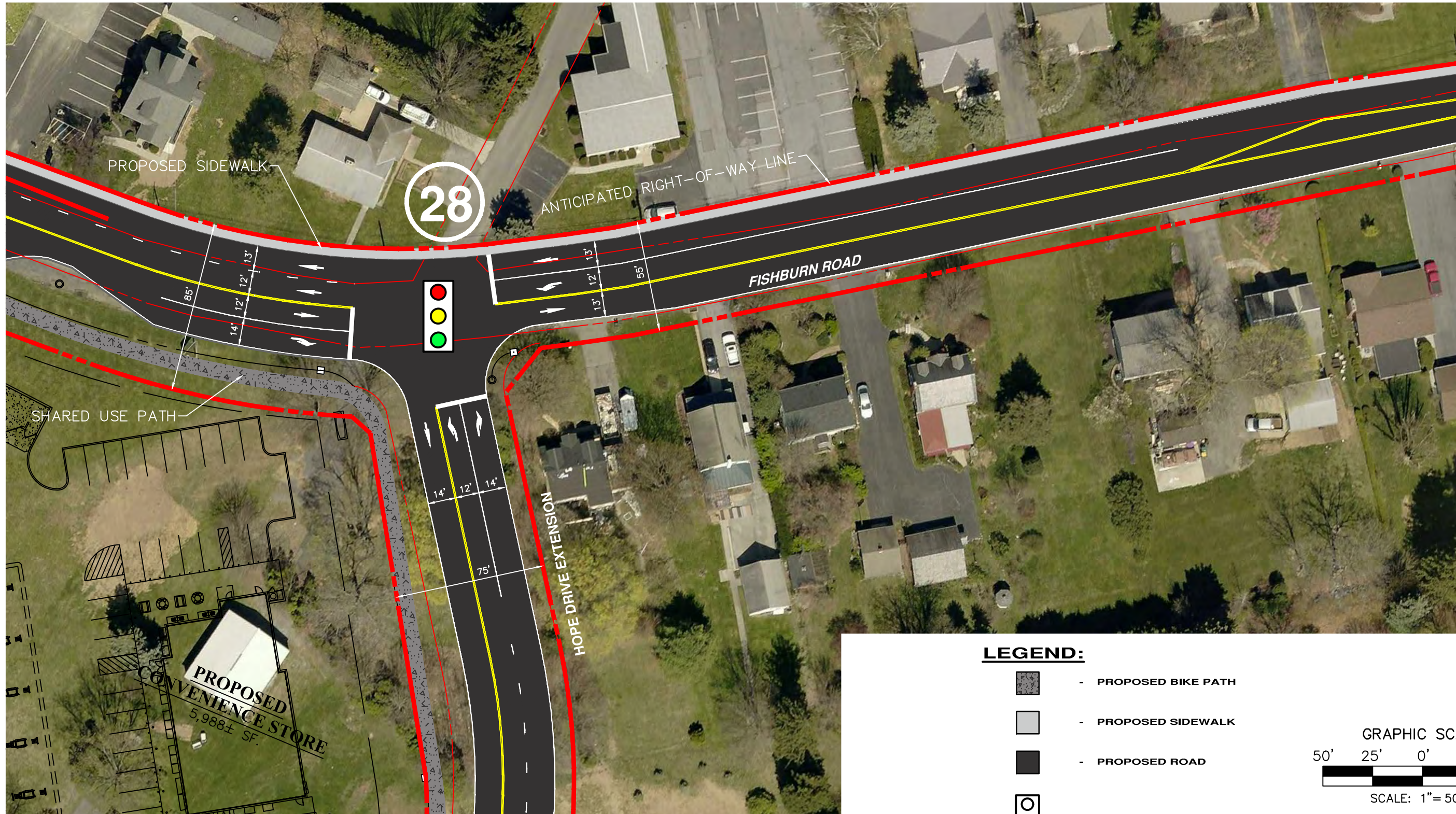
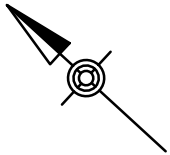


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN




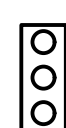

INT. 26 - W GOVERNOR RD & HOCKERSVILLE RD/FISHBURN RD
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 SEPTEMBER 2020

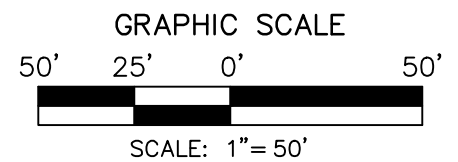
HRG
 Herbert Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1156
 hrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

-  - PROPOSED BIKE PATH
-  - PROPOSED SIDEWALK
-  - PROPOSED ROAD
-  - PROPOSED SIGNALIZED INTERSECTION
-  - INTERSECTION NUMBER

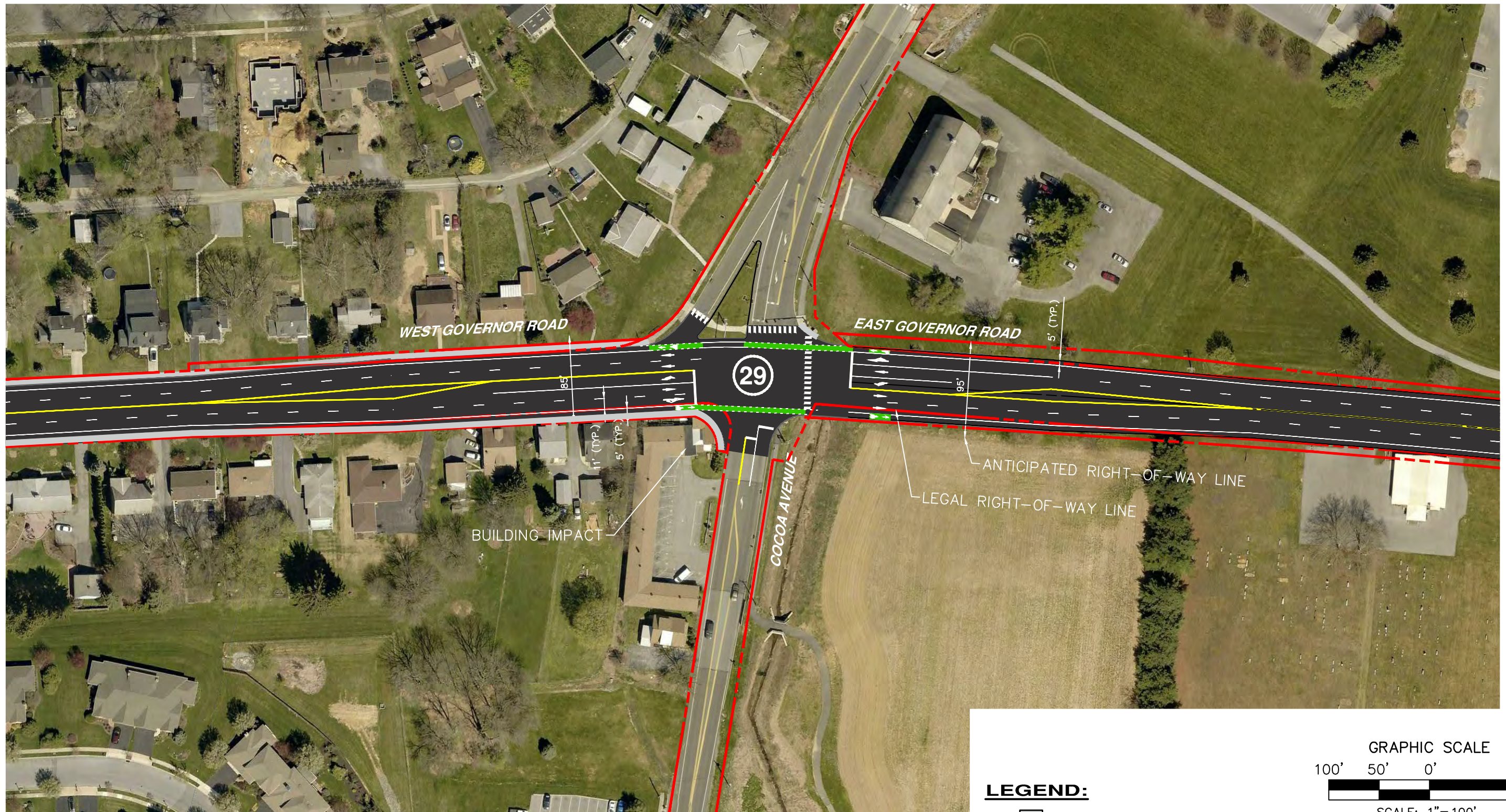
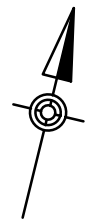


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN




INT. 28 - FISHBURN RD & SAND HILL RD
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 JUNE 2020

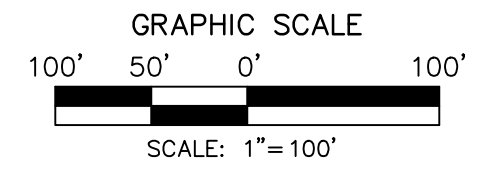


369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

-  - PROPOSED SIDEWALK
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

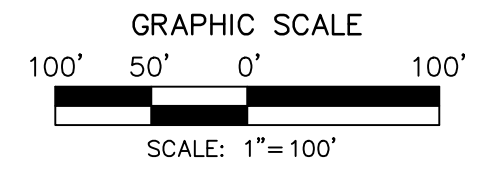
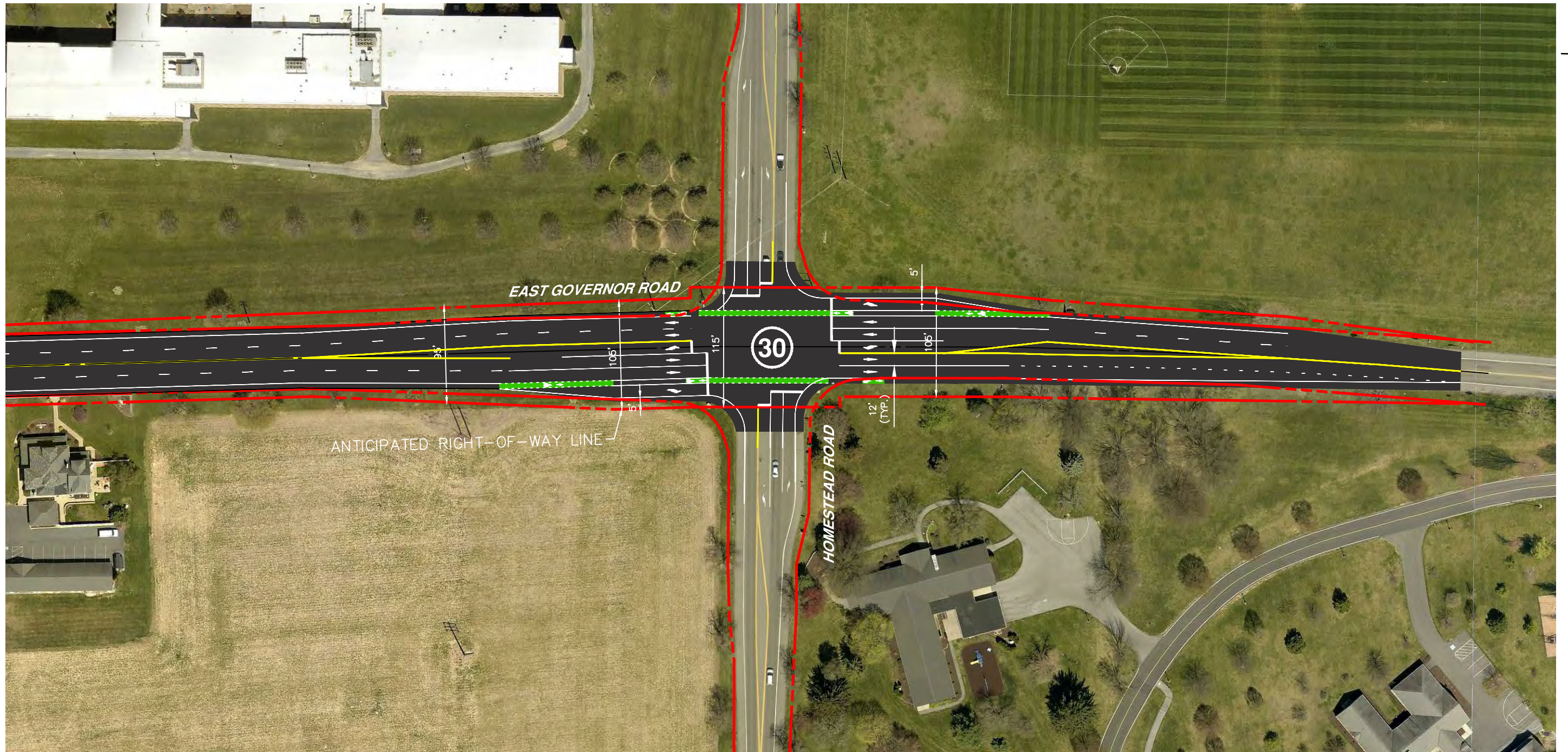


GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

INT. 29 - E/W GOVERNOR RD & COCOA AVE
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 SEPTEMBER 2020

HRG
 Herbert Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY



369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1156
 hrg@hrg-inc.com
 www.hrg-inc.com



GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

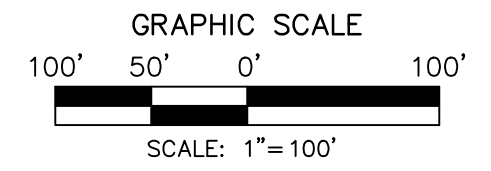
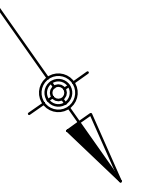
INT. 30 - E/W GOVERNOR RD & HOMESTEAD ROAD
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 SEPTEMBER 2020

LEGEND:



-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

HRG
 Herbert Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1156
 hrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

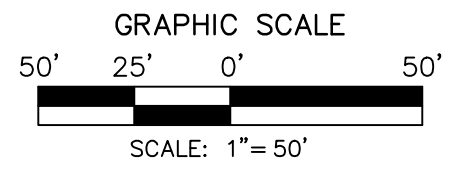
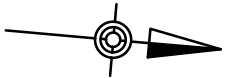
-  - PROPOSED ROAD
-  - INTERSECTION NUMBER

GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN

INT. 31 - FISHBURN ROAD & COCOA AVENUE
DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 JANUARY 2020

HRG
Herbert Rowland & Grubb, Inc.
Engineering & Related Services
AN EMPLOYEE-OWNED COMPANY



369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1158
 hrg@hrg-inc.com
 www.hrg-inc.com



GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN

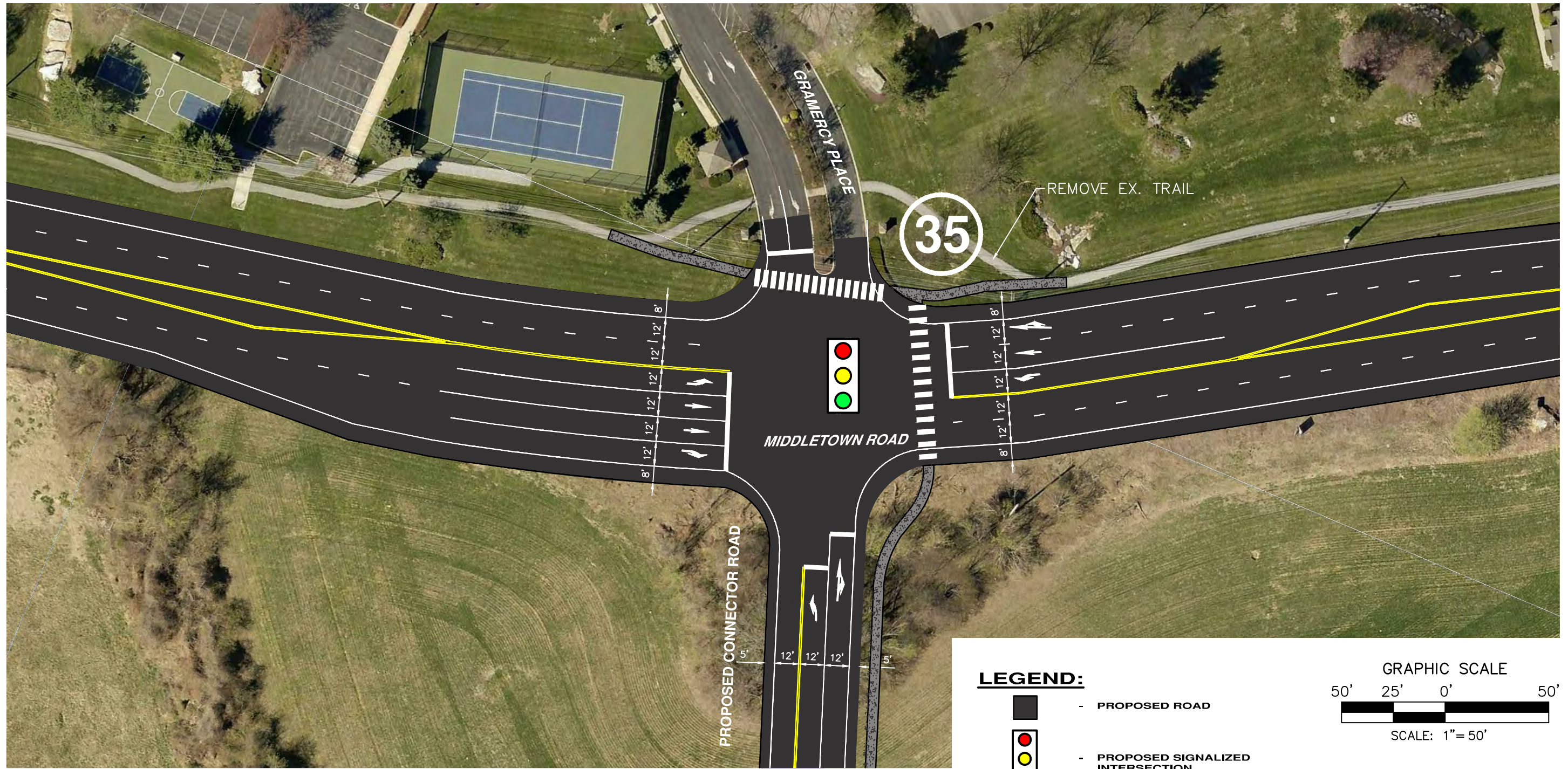
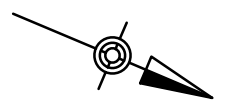
INT. 33 - MAIN ST & HANOVER ST
HUMMELSTOWN BOROUGH, DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 JANUARY 2020

LEGEND:


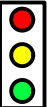

-  - PROPOSED ROAD
-  - INTERSECTION NUMBER



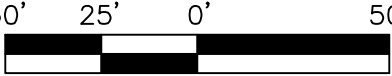
369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax: (717) 564-1156
hr@hr-inc.com
www.hr-inc.com



LEGEND:

-  - PROPOSED ROAD
-  - PROPOSED SIGNALIZED INTERSECTION
-  - INTERSECTION NUMBER

GRAPHIC SCALE



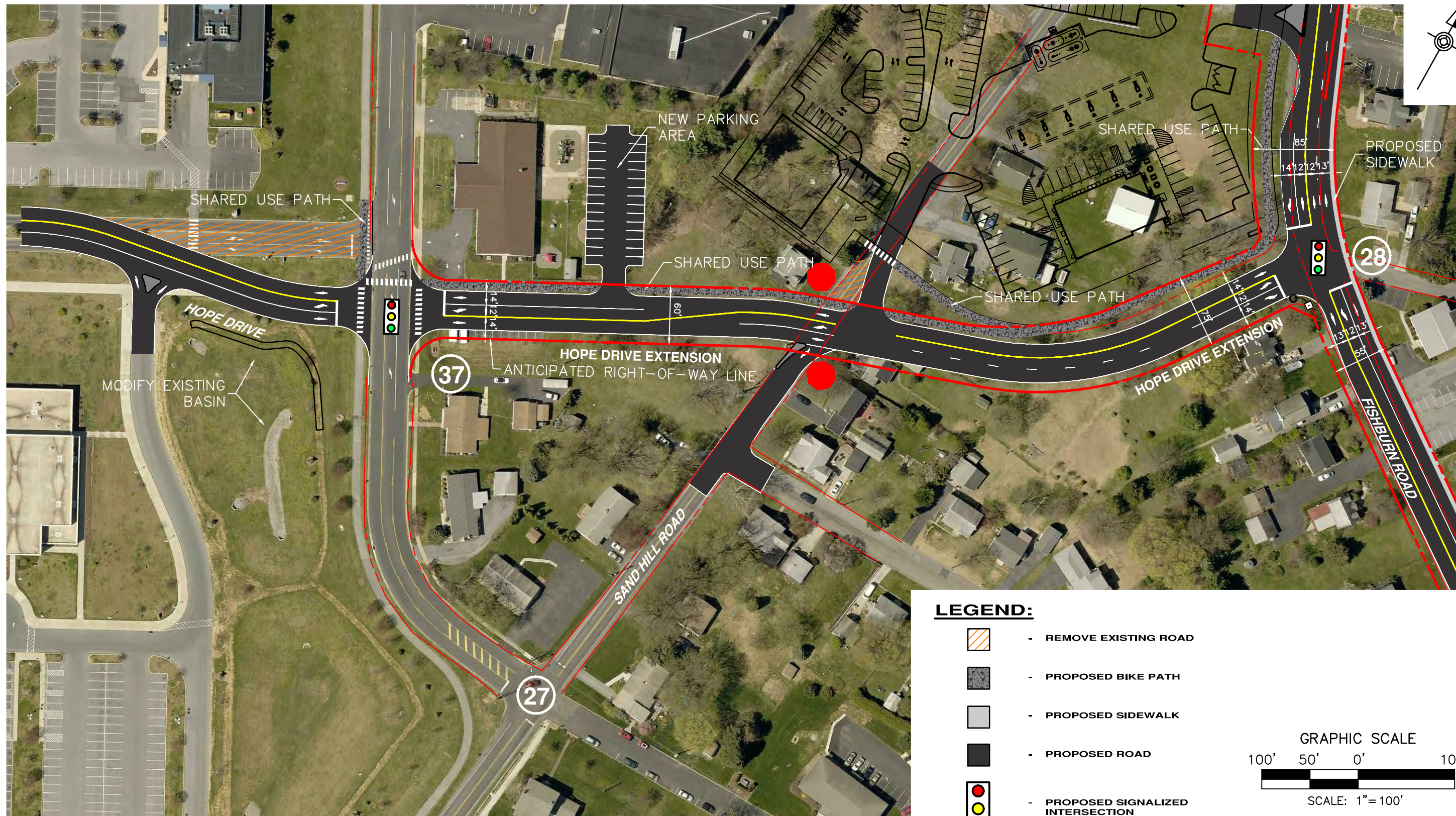
SCALE: 1" = 50'

GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN





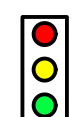


INT. 35 - MIDDLETOWN RD & PROPOSED CONNECTOR
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 JANUARY 2020

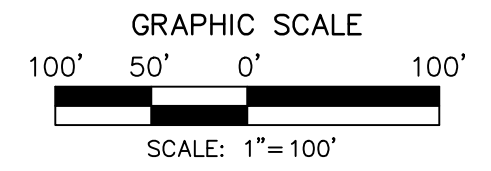
HRG
 Herbert Rowland & Grubis, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1156
 hrg@hrg-inc.com
 www.hrg-inc.com



LEGEND:

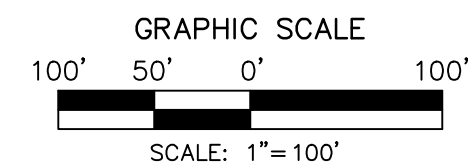
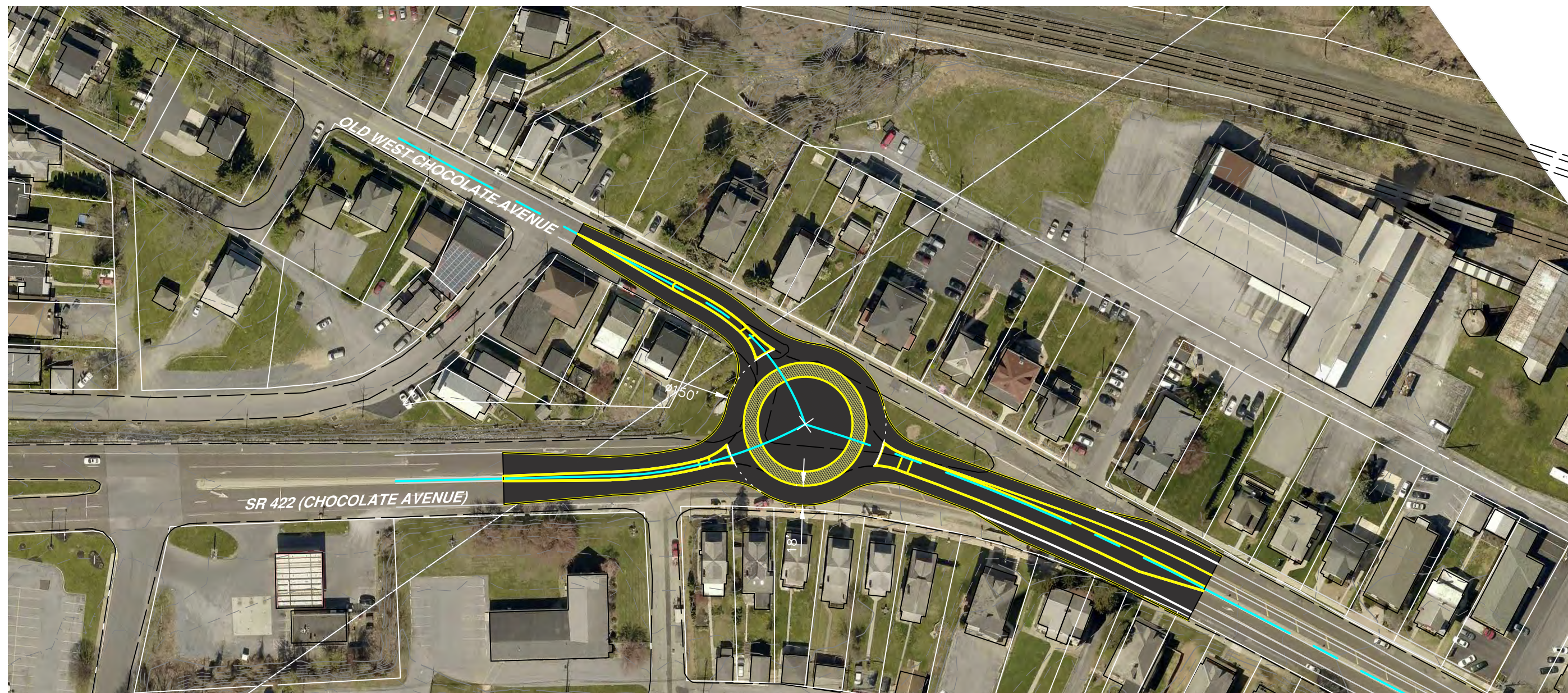
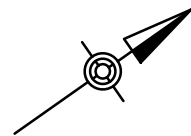
-  - REMOVE EXISTING ROAD
-  - PROPOSED BIKE PATH
-  - PROPOSED SIDEWALK
-  - PROPOSED ROAD
-  - PROPOSED SIGNALIZED INTERSECTION
-  - PROPOSED STOP CONTROL
-  - INTERSECTION NUMBER



GREATER HERSHEY REGIONAL TRANSPORTATION STUDY
CONCEPT IMPROVEMENT PLAN
 INT. 37 - HOPE DRIVE EXTENSION
 DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
 JOB#: R002484.0484 JUNE 2020

HRG
 Herbert Rowland & Grubb, Inc.
 Engineering & Related Services
 AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
 Harrisburg, PA 17111
 (717) 564-1121
 Fax (717) 564-1156
 hrg@hrg-inc.com
 www.hrg-inc.com



GREATER HERSHEY REGIONAL TRANSPORTATION STUDY CONCEPT IMPROVEMENT PLAN

W CHOCOLATE AVE & OLD WEST CHOCOLATE RD
DERRY TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA
JOB#: R002484.0484 JANUARY 2020

HRG
Herbert Rowland & Gribble, Inc.
Engineering & Related Services
AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
Harrisburg, PA 17111
(717) 564-1121
Fax (717) 564-1158
hr@hrg-inc.com
www.hrg-inc.com