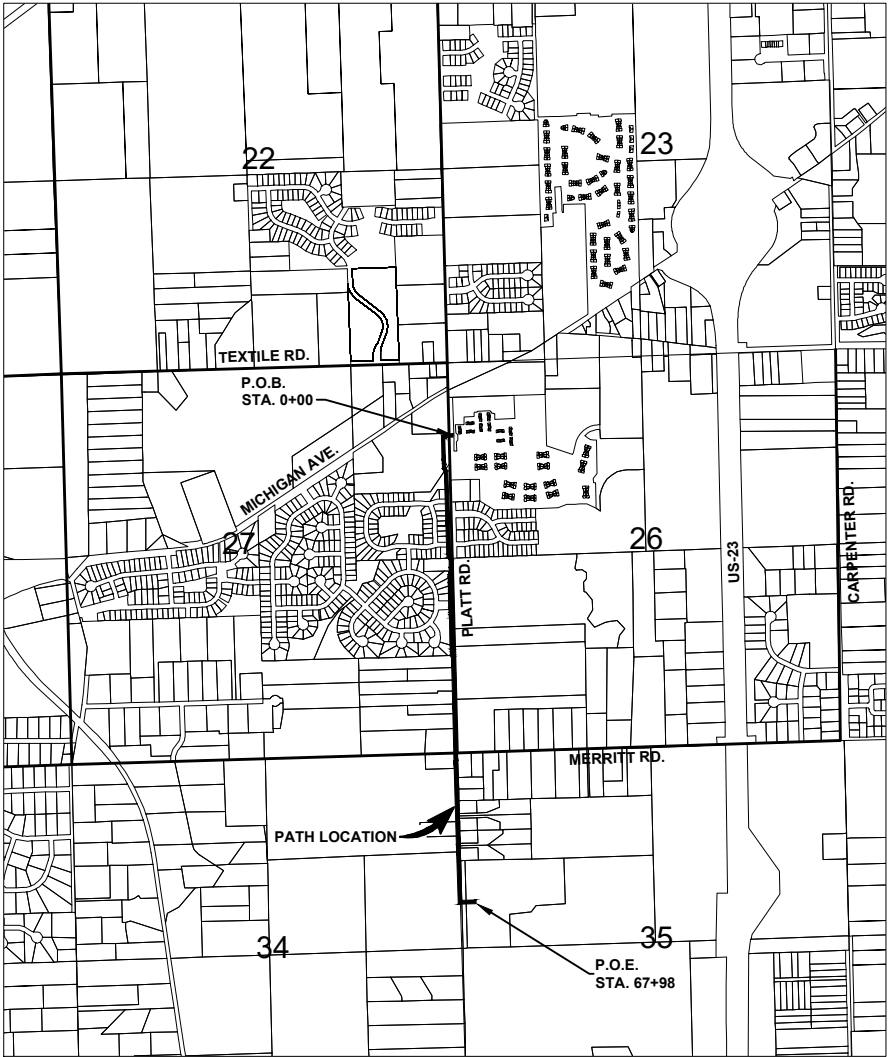


WASHTENAW COUNTY ROAD COMMISSION  
AND  
PITTSFIELD TOWNSHIP  
WASHTENAW COUNTY, MICHIGAN  
IN CO-OPERATION WITH  
MICHIGAN DEPARTMENT OF TRANSPORTATION  
AND  
FEDERAL HIGHWAY ADMINISTRATION  
PLANS FOR  
PLATT ROAD GREENWAY II (PRGII)



CONTROL SECTION NO. -                      JOB NO. - 210724                      FEDERAL PROJECT NO. - TAP 2020006                      FEDERAL ITEM NO. -



PROJECT LIMITS: Part of Sections 26,  
27, 34 & 35, T3S R6E  
PROJECT LOCATION MAP

NOT TO SCALE

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL DIAL 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

INDEX OF SHEETS

|       |                                     |
|-------|-------------------------------------|
| 1     | COVER SHEET                         |
| 2-4   | LEGEND AND CONSTRUCTION NOTES       |
| 5-12  | TYPICAL CROSS SECTIONS              |
| 13-14 | PROJECT DETAILS                     |
| 15    | OVERALL PLAN                        |
| 16-26 | EXISTING CONDITIONS & REMOVAL PLANS |
| 27-51 | CONSTRUCTION PLAN & PROFILES        |
| 52-53 | PLATT ROAD CROSSING DETAILS         |

NOTE:  
WHERE THE FOLLOWING ITEMS ARE CALLED FOR ON THE PLANS, THEY ARE TO BE CONSTRUCTED ACCORDING TO THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD PLANS GIVEN BELOW OPPOSITE EACH ITEM UNLESS OTHERWISE INDICATED.

CONTRACT FOR 1.3 MILES OF HMA NON-MOTORIZED SHARED USE PATH INCLUDING, STORM WATER IMPROVEMENTS, RRFB PEDESTRIAN CROSSINGS, PAVEMENT MARKINGS, SIGNAGE, AND RESTORATION INSTALLATION.

WASHTENAW COUNTY ROAD COMMISSION APPROVAL

MATTHEW MACDONELL, P.E.  
COUNTY HIGHWAY ENGINEER

DATE

PREPARED UNDER SUPERVISION OF

CLAIRE MARTIN - REGISTERED PROFESSIONAL ENGINEER                      64386  
REGISTRATION NO.

STANTEC CONSULTING MICHIGAN, INC.

ORGANIZATION

3754 RANCHERO DRIVE, ANN ARBOR, MI. 48108

ADDRESS

STANDARD PLANS NOT TO BE PRINTED

| SHEET NO. | TITLE                                                                             |
|-----------|-----------------------------------------------------------------------------------|
| R-1-G     | DRAINAGE STRUCTURES                                                               |
| R-7-F     | COVER B                                                                           |
| R-10-D    | COVER E                                                                           |
| R-14-D    | COVER J                                                                           |
| R-28-J*   | SIDEWALK RAMP AND DETECTABLE WARNING DETAILS                                      |
| R-29-I    | DRIVEWAY OPENINGS & APPROACHES, AND CONCRETE SIDEWALKS                            |
| R-30-G    | CONCRETE CURB AND CONCRETE CURB & GUTTER                                          |
| R-66-E*   | GUARDRAIL DEPARTING TERMINAL TYPES B, T & MGS                                     |
| R-74-D    | BUMPER & PARKING RAILS, MISC WOOD POSTS                                           |
| R-80-E    | GRANULAR BLANKET, UNDERDRAINS, OUTLET ENDINGS FOR UNDERDRAINS AND SEWER BULKHEADS |
| R-82-D    | BEDDING AND FILLING AROUND PIPE CULVERTS                                          |
| R-83-C    | UTILITY TRENCHES                                                                  |
| R-86-F*   | PRECAST CONCRETE END SECTION FOR PIPE CULVERTS                                    |
| R-95-G*   | CULVERT SLOPED END SECTIONS                                                       |
| R-96-E    | SOIL EROSION & SEDIMENTATION CONTROL MEASURES                                     |
| R-100-H   | SEEDING AND TREE PLANTING                                                         |

\*DENOTES SPECIAL DETAIL INCLUDED IN PROPOSAL

TRAFFIC AND SAFETY STANDARD PLANS  
NOT TO BE PRINTED

| SHEET NO.   | TITLE                                       |
|-------------|---------------------------------------------|
| *WZD-100-A  | GROUND DRIVEN SIGN SUPPORTS FOR TEMP SIGNS  |
| *WZD-125-E  | TEMPORARY TRAFFIC CONTROL DEVICES           |
| SIGN-120-E  | ROADSIDE SIGN LOCATIONS & SUPPORT SPACING   |
| SIGN-200-D  | STEEL POSTS                                 |
| PAVE-900-F  | PAVEMENT ARROW AND MESSAGE DETAILS          |
| PAVE-945-C  | INTERSECTION, STOP BAR & CROSSWALK MARKINGS |
| *SIGN-740-B | MISCELLANEOUS SIGN CONNECTION DETAILS       |

\*DENOTES SPECIAL DETAIL INCLUDED IN PROPOSAL

EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP FOR ALL IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION, 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION, AND SUPPLEMENTAL SPECIFICATIONS.

THE IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH 2011 AASHTO, A POLICY ON GEOMETRIC DESIGN OF HIGHWAY AND STREETS.

THE IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH 2012 AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES, EXCEPT AS NOTED.

PATH DESIGN SPEED = 18mph.  
ADT ROAD = 6029  
POSTED ROAD SPEED = 50 mph

v:\2075\active\2075136601\design\drawing\136601\_g-02

2020.07.01 1:53:42 PM

LEGEND

| SYMBOL | DESCRIPTION                        | SYMBOL | DESCRIPTION                          |
|--------|------------------------------------|--------|--------------------------------------|
|        | EXIST. CONTOUR                     |        | EXIST. CURB AND GUTTER               |
|        | PROP. CONTOUR                      |        | PROP. CURB AND GUTTER                |
|        | EXIST. SPOT ELEVATION              |        | CENTERLINE OF DITCH                  |
|        | PROP. SPOT ELEVATION               |        | EDGE OF WATER                        |
|        | TOP OF CURB                        |        | EDGE OF WETLAND                      |
|        | TOP OF PAVEMENT                    |        | EXISTING FENCE                       |
|        | GUTTER                             |        | PROPOSED FENCE                       |
|        | EXIST. STORM SEWER                 |        | TREE PROTECTION FENCE                |
|        | PROP. STORM SEWER                  |        | SILT FENCE                           |
|        | EXIST. MANHOLE                     |        | CLEARING LIMITS                      |
|        | PROP. MANHOLE                      |        | EXIST. GUARDRAIL                     |
|        | PROP. EDGE DRAIN                   |        | PROP. GUARDRAIL                      |
|        | EXIST. CATCH BASIN/INLET           |        | PROPERTY LINE                        |
|        | PROP. CATCH BASIN/INLET            |        | CENTERLINE                           |
|        | END SECTION/HEAD WALL              |        | EXIST. SIGN                          |
|        | CULVERT                            |        | PROP. SIGN                           |
|        | INLET FILTER                       |        | ENCLOSED TRASH AREA                  |
|        | PROP. CLEANOUT                     |        | DRAINAGE DIRECTION                   |
|        | EXIST. SANITARY SEWER              |        | SIDEWALK RAMP                        |
|        | PROP. SANITARY SEWER               |        | BARRIER FREE PARKING                 |
|        | EXIST. WATER MAIN                  |        | FINISH FLOOR ELEV.                   |
|        | PROP. WATER MAIN                   |        | FINISH GRADE ELEV.                   |
|        | EXIST. HYDRANT                     |        | BASEMENT FLOOR ELEV.                 |
|        | PROP. HYDRANT                      |        | GARAGE FLOOR ELEV.                   |
|        | EXIST. POST INDICATOR VALVE        |        | SECTION CORNER                       |
|        | EXIST. GATE VALVE AND BOX/STOP BOX |        | CONTROL POINT                        |
|        | PROP. CURB STOP BOX                |        | FOUND IRON PIPE                      |
|        | EXIST. GATE VALVE AND WELL         |        | SET IRON PIPE                        |
|        | PROP. GATE VALVE AND WELL          |        | FOUND CONCRETE MONUMENT              |
|        | PROP. REDUCER                      |        | SET CONCRETE MONUMENT                |
|        | PROP. END CAP                      |        | FOUND PK NAIL                        |
|        | EXIST. OVERHEAD ELECTRIC           |        | SET PK NAIL                          |
|        | PROP. OVERHEAD ELECTRIC            |        | FOUND LEADED CHISEL HOLE             |
|        | EXIST. UNDERGROUND ELECTRIC        |        | SET LEADED CHISEL HOLE               |
|        | PROP. UNDERGROUND ELECTRIC         |        | FOUND REROD                          |
|        | EXIST. LIGHT POLE                  |        | APPROX. LOCATION OF SOIL BORING      |
|        | PROP. LIGHT POLE                   |        | APPROX. LOCATION OF MONITORING WELL  |
|        | EXIST. UTILITY POLE                |        | APPROX. LOCATION OF PENETRATION TEST |
|        | GUY WIRE                           |        | EXIST. DECIDUOUS TREE                |
|        | EXIST. ELECTRIC TRANSFORMER        |        | EXIST. EVERGREEN TREE                |
|        | PROP. ELECTRIC TRANSFORMER         |        | EXIST. SHRUB                         |
|        | EXIST. OVERHEAD TELEPHONE          |        | EXIST. TREE OR BRUSH LIMIT           |
|        | PROP. OVERHEAD TELEPHONE           |        | TREE TO BE REMOVED                   |
|        | EXIST. UNDERGROUND TELEPHONE       |        | REMOVE AND REPLACE                   |
|        | PROP. UNDERGROUND TELEPHONE        |        | BITUMINOUS PAVEMENT                  |
|        | EXIST. GAS                         |        | GRAVEL PAVEMENT                      |
|        | PROP. GAS                          |        | CONCRETE PAVEMENT                    |
|        | EXIST. MAILBOX                     |        | COMPACTED SAND BACKFILL              |
|        | EXIST. GAS RISER                   |        | BRICK PAVERS                         |
|        | EXIST. TELEPHONE RISER             |        |                                      |
|        | COMPACTED SAND BACKFILL            |        |                                      |
|        |                                    |        |                                      |

CONSTRUCTION NOTES

1. PRE-CONSTRUCTION MEETING  
A PRE-CONSTRUCTION MEETING SHALL BE HELD PRIOR TO ANY WORK BEING PERFORMED ON THE PROJECT. THE MEETING TIME, PLACE, AND ATTENDEES SHALL BE ARRANGED BY THE PROJECT ENGINEER. PITTSFIELD TOWNSHIP, WASHTENAW COUNTY WATER RESOURCES COMMISSION, WASHTENAW COUNTY ROAD COMMISSION AND MICHIGAN DEPARTMENT OF TRANSPORTATION SHALL BE INVITED, AT A MINIMUM TO THE PRE-CONSTRUCTION MEETING.
2. SHOP DRAWINGS AND MATERIAL CERTIFICATES  
PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL FURNISH MATERIAL SOURCE LISTS AND CERTIFICATIONS TO THE PROJECT ENGINEER. VERIFYING THAT ALL MATERIALS USED ON THE PROJECT ARE IN ACCORDANCE WITH MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION. SHOP DRAWINGS SHALL BE REQUIRED FOR MAJOR MATERIALS.
3. MISS DIG UTILITY ALERT AND FIELD LOCATION OF UTILITIES  
THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT MISS DIG UTILITY PROTECTION SERVICE (811) TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES. UNDERGROUND UTILITY LOCATIONS AS SHOWN ON THE PLANS WERE OBTAINED FROM UTILITY OWNERS AND WERE NOT FIELD LOCATED. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. ALL UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH LIKE MATERIAL IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. THE CONTRACTOR SHALL VERIFY THE DEPTH AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE DETERMINED BY HAND DIGGING.
4. UTILITY INFORMATION  
PUBLIC UTILITY INFORMATION IS DELINEATED IN ACCORDANCE WITH LOCATIONS PROVIDED BY UTILITY OWNERS. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION OR THE LOCATION AT WHICH THESE SERVICES EXIST. DIFFERING FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.  
  
THE LOCATION OF ALL PUBLIC UTILITIES SHOWN ON THE PLANS ARE TAKEN FROM THE BEST AVAILABLE DATA. THE OWNER WILL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATIONS FROM THE LOCATIONS SHOWN.  
  
CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN A MANNER AS TO INSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED. REPARATIONS OF UTILITIES DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR IN ACCORDANCE WITH THE AFFECTED UTILITY OWNERS REQUIREMENTS.  
  
ALL PRIVATE UTILITY STRUCTURES WILL BE ADJUSTED TO GRADE BY THE OWNER OF THE FACILITY. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THREE (3) WORKING DAYS NOTICE PRIOR TO THE START OF SUCH WORK.
5. STORMWATER DRAINAGE DURING CONSTRUCTION  
THE CONTRACTOR SHALL MAINTAIN DITCH DRAINAGE DURING CONSTRUCTION AND SHALL NOT OBSTRUCT SUMP PUMP LEADS DISCHARGING TO THE DITCH. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL STORM SEWER FACILITIES SUCH AS CATCH BASINS, CULVERTS AND HEADWALLS DURING CONSTRUCTION. CULVERTS AND CATCH BASINS CONTAMINATED DURING CONSTRUCTION SHALL BE CLEANED AND THE COSTS SHALL BE INCLUDED IN THE EROSION CONTROL AND PROJECT CLEAN UP PAY ITEMS.
6. CULVERTS  
CONTRACTOR TO MARK ALL CULVERT LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY WITH MDOT THAT NO CULVERTS WERE DAMAGED DURING CONSTRUCTION. ALL CULVERT EXTENSIONS SHALL MATCH EXISTING CULVERT MATERIAL. RIP-RAP SHALL BE PLACED AT CULVERTS WITH HIGH FLOWS. QUANTITY SHALL BE DETERMINED BY THE ENGINEER.
7. EXISTING UTILITIES  
THE CONTRACTOR SHALL MAINTAIN ALL EXISTING SANITARY SEWER, WATER OR STORM SEWER SERVICE CONNECTIONS IN SERVICE THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL PROVIDE OR ARRANGE FOR TEMPORARY SUPPORT OF GAS MAIN AND UTILITY POLES WHERE NEEDED. ALL STORM SEWERS DAMAGED OR REMOVED OR RELOCATED BY THE CONTRACTOR SHALL BE REPLACE WITH THE SAME SIZE AND QUALITY PIPE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT. ALL UTILITIES UNDERMINED BY THE EXCAVATION SHALL HAVE COMPACTED CLASS II SAND BACKFILL PLACED UNDER THEM.
8. UTILITY COORDINATION  
COORDINATION OF RELOCATED UTILITIES WILL BE PERFORMED AND COMPLETED PRIOR TO INSTALLATION OF THE PATH. FOR UTILITIES THAT NEED TO BE RELOCATED DURING CONSTRUCTION, THE CONTRACTOR WILL COORDINATE WITH THE RESPECTIVE UTILITY OWNER TO COMPLETE THIS TASK. THE COST TO RELOCATE UTILITIES WILL BE PAID FOR BY OTHERS. NO ADDITIONAL COST FOR COORDINATION EFFORTS INCURRED BY THE CONTRACTOR WILL BE PROVIDED.
9. PROTECTION OF HAZARDOUS AREAS / OPEN EXCAVATIONS  
EXCAVATIONS AND HAZARDOUS AREAS SHALL BE PROTECTED BY BARRICADES OR SNOW FENCE. THE PLACEMENT OF PROTECTIVE FENCING MEETING MIOSHA STANDARDS IS REQUIRED AROUND ALL OPEN EXCAVATIONS, PAID FOR AS; FENCE, PROTECTIVE.
10. DISPOSAL OF EXCESS EXCAVATED MATERIAL  
ALL EXCESS EXCAVATED MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR AT A LOCATION PROVIDED BY THE CONTRACTOR. ADJACENT PROPERTY OWNERS SHALL BE GIVEN PREFERENCE FOR DISPOSAL SITES.
11. SALVAGED MATERIALS  
SALVAGEABLE MATERIALS SHALL BECOME THE PROPERTY OF THE OWNER, AND SHALL BE STORED AS DIRECTED BY THE ENGINEER.  
  
ALL WASHTENAW COUNTY ROAD COMMISSION SIGNS RELOCATED BY CONSTRUCTION SHALL BE REPLACED. SIGNS AND POSTS REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR.



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

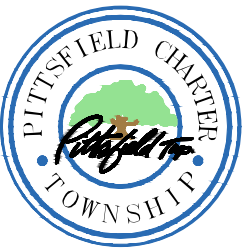
|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
LEGEND AND CONSTRUCTION NOTES

|                           |                  |
|---------------------------|------------------|
| Project No.<br>2075136601 |                  |
| Scale<br>NO SCALE         |                  |
| Drawing No.<br>G-02       | Sheet<br>2 of 51 |

v:\2075\active\2075136601\design\drawing\136601\_g-03

2020.07.01 1:53:55 PM

CONSTRUCTION NOTES CONTINUED

12. REMOVING PAVEMENT AND HMA SURFACES  
THIS PROJECT INCLUDES PAVEMENT REMOVED OR MODIFIED AS BASIS OF PAYMENT FOR REMOVING EXISTING HOT MIX ASPHALT (HMA), CONCRETE, AND/OR MASONRY PAVEMENTS WITHIN THE CONSTRUCTION LIMITS. THE INFORMATION SHOWN ON THE PLANS AND THE QUANTITY FOR EACH OF THESE ITEMS IS APPROXIMATE AND BASED ON FIELD TESTS AND/OR HISTORICAL RECORDS. ACTUAL PAYMENT WILL BE BASED ON FIELD MEASUREMENTS IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
13. SAW CUTS  
ALL SAW CUTS SHOWN ON THE PLANS OR AS SPECIFIED WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT UNIT PRICE BID FOR CURB REMOVAL.
14. CLEARING  
TREE REMOVAL OF TREES LARGER THAN 3" DBH IS NOT ALLOWED BETWEEN APRIL 1 AND SEPTEMBER 30 DUE TO THE POTENTIAL FOR FEDERALLY PROTECTED SPECIES HABITAT OF THE INDIANA BAT AND THE NORTHERN LONG EAR BAT. TREE REMOVALS 6" DBH AND LARGER SHALL E PAID FOR AS; TREE, REM, \_ INCH TO \_ INCH. TREE REMOVALS UNDER 6" DBH AND BRUSH REMOVAL SHALL BE PAID FOR AS: \_SHARED USE PATH, GRADING, SPECIAL.
15. HERBICIDE APPLICATION  
WITHIN 48 HOURS OF TREE AND BRUSH REMOVAL, CONTRACTOR SHALL APPLY TRICLOPYR 4, BANVEL, OR APPROVED EQUAL VEGETATION SOLUTION AT MANUFACTURER'S RECOMMENDED APPLICATION RATE TO ALL EXPOSED ROOT MATERIAL. PAID FOR AS; \_SHARED USE PATH, GRADING, SPECIAL.
16. DRIVEWAY APPROACHES  
MINOR GRADING OF DRIVEWAY APPROACHES AND ALL SAW CUTS REQUIRED FOR DRIVEWAY APPROACHES WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT UNIT PRICE BID FOR HMA APPROACH OR DRIVEWAY, NONREINF CONC, 6 INCH. APPROACHES WILL BE MEASURED FROM THE EDGE OF THE PAVEMENT TO THE END OF THE APPROACH. ALL OTHER PAVING SHALL BE CONSIDERED MAINLINE PAVING, INCLUDING ALL STREET APPROACHES, DECELERATION AND ACCELERATION LANES. COMMERCIAL DRIVEWAYS SHALL HAVE 30' RADII, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
17. PROPERTY INGRESS AND EGRESS  
THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCEPTABLE INGRESS AND EGRESS TO ALL PROPERTIES DURING CONSTRUCTION. THIS WORK WILL BE PAID FOR AS: \_MAINTENANCE GRAVEL, SPECIAL.
18. GRADING LIMITS  
THE GRADING/CLEARING LIMIT LINES SHOWN ON THE PLANS ARE GENERAL LIMITS PROVIDED IN ADDITION TO THE PATH PROFILE TO GUIDE THE CONTRACTOR IN ESTIMATING DISTURBANCE AREAS, AS WELL AS EXCAVATION AND EMBANKMENT. AREAS TO BE GRADED MAY EXTEND PAST THESE LIMITS WHEN WITHIN THE PUBLIC RIGHT-OF-WAY OR WITHIN DESIGNATED PATHWAY EASEMENTS AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ESTIMATE RESTORATION IMPACTS BASED ON THEIR ANALYSIS OF THE INFORMATION PROVIDED, AND NOT NECESSARILY THE GRADING LIMIT LINES SHOWN ON THE PLANS, AND SHALL BE RESPONSIBLE FOR PROVIDING ALL SITE RESTORATION FOR A SQUARE YARD AMOUNT AS PROVIDED IN TURF ESTABLISHMENT, PERFORMANCE AND PROJECT CLEAN UP PAY ITEMS. DISTURBANCE LIMITS SHALL BE MINIMIZED TO PROTECT ALL NATURAL AREAS. ALL DISTURBED AREAS SHALL BE RESTORED AS NEW.
19. COVERS AND CASTINGS  
ALL FINAL ELEVATIONS OF MANHOLE CASTINGS, HYDRANTS, VALVES AND VALVE BOXES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. CASTINGS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, WITH MATERIALS APPROVED BY THE ENGINEER.
20. STRUCTURES  
DRAINAGE STRUCTURES, MANHOLES, CATCH BASINS, INLETS, GATE WELLS AND VALVE BOXES WHICH REQUIRE ADJUSTMENT OR RECONSTRUCTION SHALL ONLY BE PAID FOR ONCE, PER THE CONTRACT PAY ITEM. REGARDLESS OF HOW MANY TIMES THE STRUCTURE IS ADJUSTED. "POINTING UP" STRUCTURES SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT UNIT PRICE BID FOR DR STRUCTURE COVER, TYPE G.
21. RESTORATION OF GRAVEL SHOULDERS  
FOR GRAVEL SHOULDERS CONTAMINATED BY CONSTRUCTION THE CONTRACTOR SHALL RE-GRAVEL WITH 23A CRUSHED LIMESTONE TO MICHIGAN DEPARTMENT OF TRANSPORTATION 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION. FOR SHOULDERS REMOVED BY CONSTRUCTION THE MINIMUM REPLACEMENT SHALL BE 4" WIDE BY 4" DEEP, INCIDENTAL TO OTHER PAY ITEMS.
22. SLOPE RESTORATION  
ALL AREAS OF SLOPE RESTORATION SHALL BE SEEDED WITH MDOT TYPE TURF (TURF URBAN FREEWAY) SEED MIXTURE. AT AREAS OF EROSION SOILS AND SLOPES, THE SEEDING MIXTURE SHALL CONTAIN ADDITIONAL CEREAL RYE WITHIN THE SEED MIXTURE FOR FASTER GROWTH POTENTIAL.
23. RIPRAP, PLAIN  
RIPRAP MATERIAL SHALL BE NATURAL STONE AS SPECIFIED IN SECTION 916.01 OF THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.

GENERAL NOTES

1. PATHWAY TO MEET ALL BARRIER FREE UNIVERSAL ACCESS REQUIREMENTS.
2. THERE IS EXTENSIVE BRUSH ADJACENT TO THE PROPOSED SHARED USE PATH. APPROXIMATE BRUSH LIMITS ARE SHOWN ON THE PLANS, CONTRACTOR TO FIELD VERIFY PRIOR TO SUBMITTING BID, AND INCLUDE COST OF ALL BRUSH CLEANING NECESSARY TO CONSTRUCT THE PATHWAY. PAID FOR AS; \_SHARED USE PATH, GRADING, SPECIAL.
3. ALL PATH RAMPS ARE TO BE ADA COMPLIANT AND BE CONSTRUCTED WITH 6" THICK CONCRETE ON TOP OF A MINIMUM 4" 21AA AGGREGATE BASE WITH THE INSTALLATION OF DETECTABLE WARNING SURFACES PER MDOT STANDARD DETAIL R-28 SERIES.
4. NOTICE OF COVERAGE  
THIS PROJECT DISTURBS LESS THAN 5 ACRES OF LAND AND DOES NOT REQUIRE AN NDPES PERMIT.
5. STATE HISTORIC PRESERVATION OFFICE (SHPO)  
IT IS THE OPINION OF THE SHPO THAT NO HISTORIC PROPERTIES ARE AFFECTED WITHIN THE AREA OF POTENTIAL EFFECTS OF THE PROJECT. IF ARTIFACTS OR BONES ARE DISCOVERED, NOTIFY THE ENGINEER IMMEDIATELY.



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|   |                         |     |     |            |
|---|-------------------------|-----|-----|------------|
|   |                         |     |     |            |
|   |                         |     |     |            |
|   |                         |     |     |            |
| D | GI SUBMITTAL            | CAM | MDP | 2020.07.06 |
| C | WCRC SUBMITTAL          | CAM | MDP | 2020.06.26 |
| B | PERMIT SET              | CAM | MDP | 2020.04.24 |
| A | WCRC PRELIMINARY REVIEW | CAM | MDP | 2020.04.03 |

Issued

ByAppdYYYY.MM.DD



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
CONSTRUCTION NOTES

Project No.  
2075136601

Scale  
NO SCALE

Drawing No.  
G-03

Sheet  
3 of 51

EASEMENTS

| Address                         | Owner Name                         | Property Type          | Email               | Phone #      | Easement                                         |
|---------------------------------|------------------------------------|------------------------|---------------------|--------------|--------------------------------------------------|
| 6201 W Michigan Ave<br>Platt Rd | PCT Hall & Prairie Park            | Municipal              |                     |              | Permanent and Grading                            |
|                                 | Hidden Creek Property Owners Assoc | Exempt Other Real Prop |                     |              | Permanent and Grading                            |
|                                 | Bp Pipelines [North America Inc]   | Residential Vacant     |                     |              | Permanent and Grading (Desired,<br>not required) |
| 6834 Platt Rd                   | Morin Henry Jr                     | Residential            |                     |              | Grading                                          |
| 6856 Platt Rd                   | Haupt Steven D                     | Residential            | shaupt131@gmail.com | 734-260-1667 | Grading                                          |
| 6880 Platt Rd                   | Stange Daniel & Norlaine M         | Residential            | dstange@comcast.net | 734-434-3945 | Grading                                          |
| 6900 Platt Rd                   | Kamal Amir                         | Residential            |                     |              | None                                             |
| 6920 Platt Rd                   | Billitier Marion                   | Residential            |                     |              | Grading                                          |
| 6930 Platt Rd                   | Raymond Stephen L & Cynthia K      | Residential            |                     |              | Grading                                          |
| 6980 Platt Rd                   | Deutsche Bank National Trust       | Residential            |                     |              | Grading                                          |
| 7006 Platt Rd                   | Sweet Wayne                        | Residential            |                     |              | Grading                                          |
| 7130 Platt Rd                   | Makielski Edward & Diane           | Agricultural           |                     | 734-434-3673 | Permanent ROW                                    |
| 7200 Platt Rd                   | Makielski Edward & Diane           | Residential            |                     | 734-434-3673 | Permanent ROW                                    |
| 7130 Platt Rd                   | Makielski Edward & Diane           | Agricultural           |                     | 734-434-3673 | Permanent ROW                                    |
| Platt Rd                        | Szewczyk Teresa Gorski             | Agricultural           |                     |              | Grading, Permanent (Desired, not<br>required)    |

UTILITY CONTACTS

Name: PITTSFIELD CHARTER TOWNSHIP  
Addr: 6201 WEST MICHIGAN AVE  
ANN ARBOR, MI 48108  
Phone: 734-822-2110  
Email: utilities@pittsfield-mi.gov  
Contact: B. WEIRICH

Name: WASHTENAW COUNTY ROAD COMMISSION  
Addr: 555 N. ZEEB RD  
ANN ARBOR, MI 48103  
Phone: 734-327-6652  
Email: formd@wcroads.org  
Contact: MICHELE FORD

Name: MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES AND ENERGY  
Addr: 525 W. ALLEGAN ST, P.O. BOX 30473  
LANSING, MI 48909  
Phone: 517-256-1469  
Email: skubinnaj@michigan.gov  
Contact: JOHN SKUBINNA

Name: PITTSFIELD TOWNSHIP PARKS AND RECREATION  
Addr: 701 ELLSWORTH RD  
ANN ARBOR, MI 48108  
Phone: 734-822-2120  
Email: recreation@pittsfield-mi.gov  
Contact: PHILIP BISCORNER, CPRP

Name: BP-AMOCO PIPELINE CO  
Addr: 4502 E 41ST STREET SUITE 300  
TULSA, OK  
Phone: 800-548-6482  
Email: MITICKETS@DIGTRACK.COM  
Contact: BOBBY ROYE

Name: ATT  
Addr: 550 S MAPLE RD  
ANN ARBOR, MI 48103  
Phone: 734-996-5338  
Email: jm9175@att.com  
Contact: JOHN MILLER

Name: COMCAST  
Addr: 24744 EUREKA RD  
TAYLOR, MI 48180  
Phone: 248-809-2717  
Email: chris\_cyr@CABLE.COMCAST.COM  
Contact: CHRIS CYR

Name: DTE ENERGY: ELECTRIC  
Addr: 8001 HAGGERTY RD  
BELLEVILLE, MI 48111  
Phone: 734-397-4447  
Email: anthony.ignasiak@dteenergy.com  
Contact: ANTHONY IGNASIAK

Name: DTE ENERGY: GAS  
Addr: 17150 ALLEN RD  
MELVINDALE MI 48122  
Phone: 313-389-7992  
Email: laura.forrester@dteenergy.com  
Contact: LAURA FORRESTER

Name: STATE OF MI DMB/TELECOM

Addr: 608 W. ALLEGAN ST.  
HANNAH BLDG. - 1ST FLOOR TELECOM  
LANSING, MI 48933  
Phone: 517-335-5800  
Email: DTMB-TELECOMMISSDIG@MICHIGAN.GOV  
Contact: DARRIN FOGG

Name: FRONTIER/VERIZON  
Addr: 311 S CEDAR  
IMLAY CITY, MI 48444  
Phone: 810-724-3127  
Email: MI.MISDIG.FACILITIES.DESIGN.REQUEST@FTR.COM  
Contact: KATHRYN ANDERSON

Name: YPSILANTI COMM UTIL AUTH  
Addr: 2777 STATE RD  
YPSILANTI, MI 48198  
Phone: 734-484-4600  
Email: swestover@ycua.org  
Contact: SCOTT WESTOVER

Name: WASHTENAW COUNTY WATER RESOURCES COMMISSION  
Addr: 705 N. ZEEB RD  
ANN ARBOR, MI 48103  
Phone: 734-222-6860  
Email: drains@washtenaw.org  
Contact: EVAN PRATT, PE

BID ITEM QUANTITY TABLE (MISC. QUANTITIES):

| #       | DESCRIPTION                                     | QNTY   | UNIT |
|---------|-------------------------------------------------|--------|------|
| 1500001 | MOBILIZATION, MAX 10%                           | 1      | LSUM |
| 2075021 | SUBGRADE UNDERCUTTING, CLASS II, SPECIAL        | 200    | CYD  |
| 2075021 | SUBGRADE UNDERCUTTING, 21AA, SPECIAL            | 200    | CYD  |
| 2075021 | SUBGRADE UNDERCUTTING, 6A, SPECIAL              | 200    | CYD  |
| 2090001 | PROJECT CLEANUP                                 | 1      | LSUM |
| 2097051 | AUDIO VIDEO DVD, SPECIAL                        | 1      | LSUM |
| 3067031 | MAINTENANCE GRAVEL, SPECIAL                     | 600    | TON  |
| 3080005 | GEOTEXTILE, SEPARATOR                           | 1000   | SYD  |
| 8080007 | FENCE, PROTECTIVE                               | 500    | FT   |
| 8120026 | PEDESTRIAN TYPE II BARRICADE, TEMP              | 12     | EA   |
| 8120035 | CHANNELIZING DEVICE, 42 INCH, FLUORESCENT, FURN | 150    | EA   |
| 8120036 | CHANNELIZING DEVICE, 42 INCH, FLUORESCENT, OPER | 150    | EA   |
| 8120140 | LIGHTED ARROW, TYPE C, FURN                     | 4      | EA   |
| 8120141 | LIGHTED ARROW, TYPE C, OPER                     | 4      | EA   |
| 8120170 | MINOR TRAF DEVICES                              | 1      | LSUM |
| 8120350 | SIGN, TYPE B, TEMP, PRISMATIC, FURN             | 464    | SFT  |
| 8120351 | SIGN, TYPE B, TEMP, PRISMATIC, OPER             | 464    | SFT  |
| 8120370 | TRAF REGULATOR CONTROL                          | 1      | LSUM |
| 8167011 | TURF ESTABLISHMENT, PERFORMANCE                 | 10,000 | SYD  |

LONG TERM MAINTENANCE PLAN:

|                                         | Infiltration<br>Trenches | Schedule    | Annual<br>budget |
|-----------------------------------------|--------------------------|-------------|------------------|
| Inspect for Sediment Accumulation       | X                        | Annually    | \$300            |
| Remove Sediment with Vactor             | X                        | As Required | \$1,000          |
| Inspect for Erosion                     | X                        | Annually    | \$300            |
| Re-establish Vegetation in Eroded Areas | X                        | As Required | \$500            |
| Clear Areas with Over-grown Vegetation  | X                        | As Required | \$500            |

MAINTENANCE OF THE STORMWATER BMP's WILL BE THE RESPONSIBILITY OF PITTSFIELD TOWNSHIP.



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
CONSTRUCTION NOTES  
& CONTACT INFORMATION

Project No.  
2075136601

Scale  
NO SCALE

Drawing No.  
G-04

Sheet  
4 of 51



v:\2075\active\2075136601\design\drawing\136601\_g-05

2020.07.01 1:54:22 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

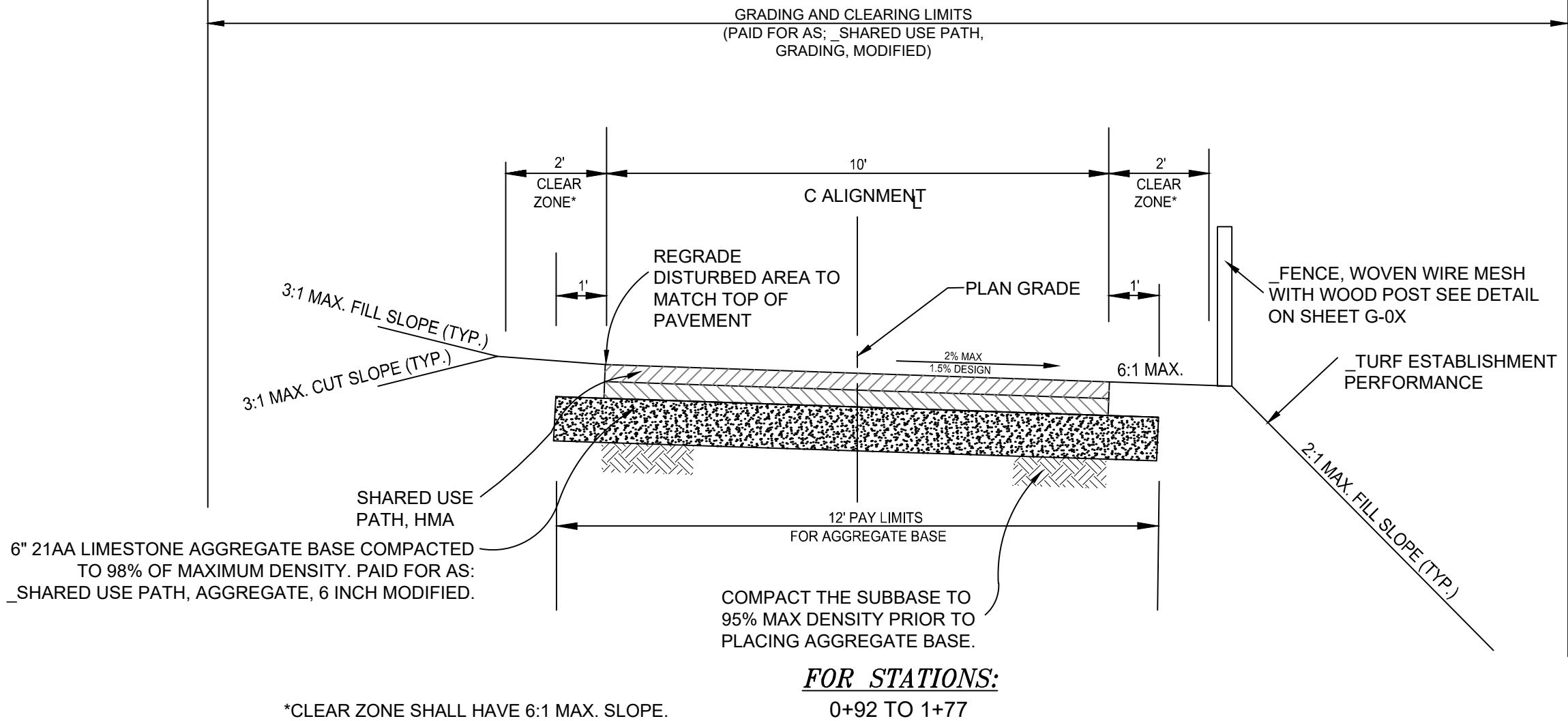


Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
TYPICAL CROSS SECTIONS

|                           |                  |
|---------------------------|------------------|
| Project No.<br>2075136601 |                  |
| Scale<br>NO SCALE         |                  |
| Drawing No.<br>G-05       | Sheet<br>5 of 51 |



PROPOSED 10' WIDE BITUMINOUS SHARED USE PATH CROSS SECTION WITH RAILING WITHIN TOWNSHIP PROPERTY

NO SCALE

HMA APPLICATION TABLE

| ITEM                 | APPLICATION RATE | PERFORMANCE GRADE | REMARKS                                                          | MINIMUM AWI |
|----------------------|------------------|-------------------|------------------------------------------------------------------|-------------|
| SHARED USE PATH, HMA | 220 lb/SYD       | 58-28             | TOP COURSE, 5E03 (2-INCH LIFT)                                   | 220         |
|                      | 220 lb/SYD       | 58-28             | LEVELING COURSE, LVSP (2-INCH LIFT)                              | 220         |
| HMA APPROACH         | 220 lb/SYD       | 58-28             | TOP COURSE OF 5E03 RESIDENTIAL DRIVE ENTRANCE (2-INCH LIFT)      | 220         |
| HMA APPROACH         | 220 lb/SYD       | 58-28             | LEVELING COURSE OF LVSP RESIDENTIAL DRIVE ENTRANCE (2-INCH LIFT) | 220         |
| HMA, 5E1             | 220 lb/SYD       | 64-28             | TOP COURSE OF ROAD SHOULDER, 5E1 (2-INCH LIFT)                   | 220         |
| HMA, 3E1             | 330 lb/SYD       | 64-28             | LEVELING COURSE OF ROAD SHOULDER, 3E1 (3-INCH LIFT)              | 260         |

**BITUMINOUS BOND COAT:** THE FOLLOWING RATES OF BITUMINOUS BOND COAT (SS-1h) SHALL BE USED UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

(A.) 0.10 GAL./SQ. YD. SHALL BE APPLIED OVER ALL EXISTING PAVEMENTS AND PAVEMENT SURFACES.

(B.) 0.10 GAL./SQ. YD. SHALL BE APPLIED BETWEEN SUBSEQUENT HMA COURSES.

**RECYCLED ASPHALT PAVEMENT:**  
MAXIMUM RAP SHALL BE 25%.

**AIR VOIDS:**  
3% AIR VOIDS SHALL BE USED ON HMA TOP COURSE.

v:\2075\active\2075136601\design\drawing\136601\_g-06

2020.07.01 1:54:37 PM



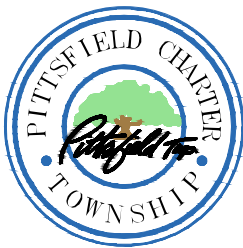
Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



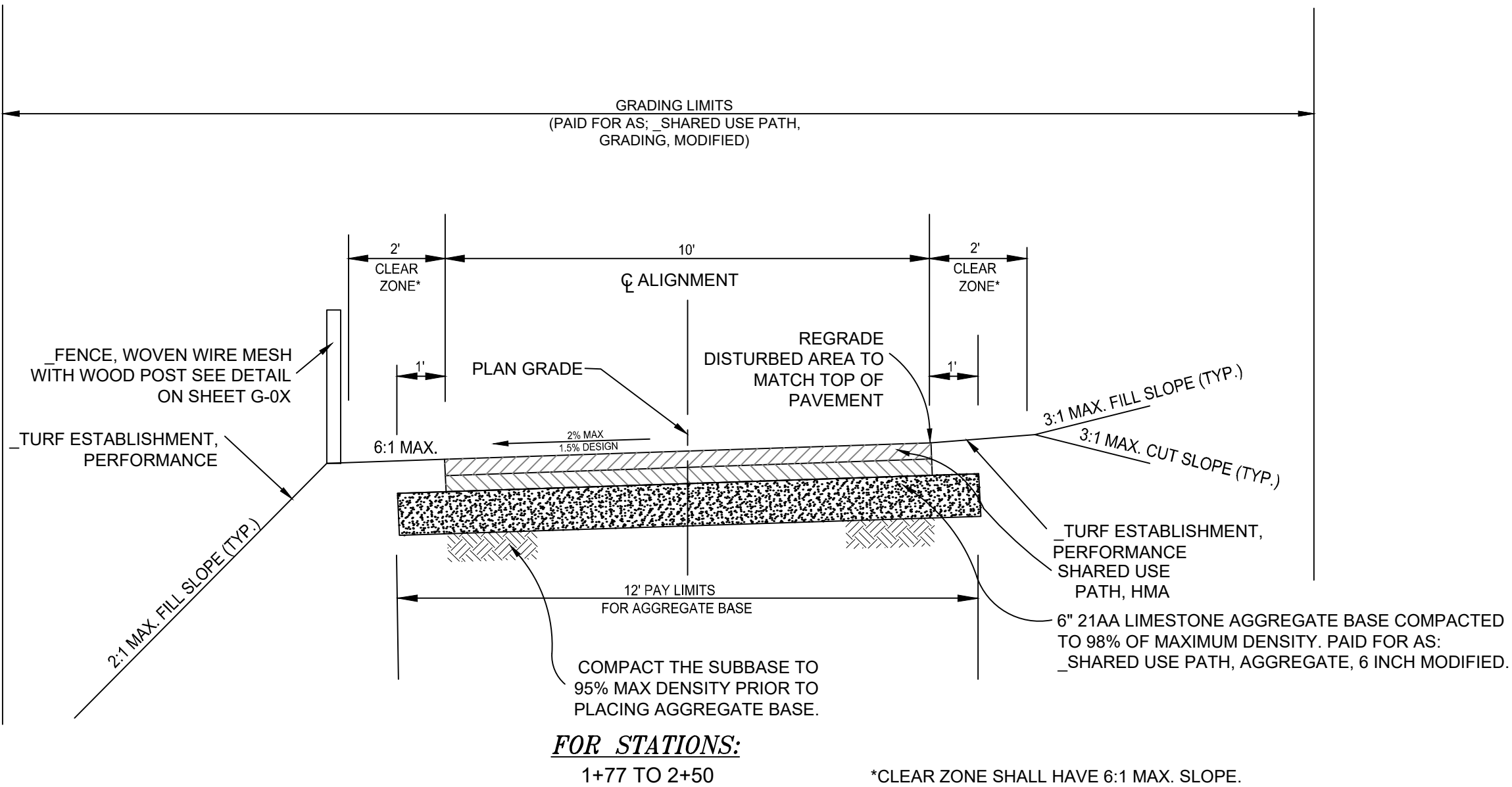
Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
TYPICAL CROSS SECTIONS

Project No.  
2075136601

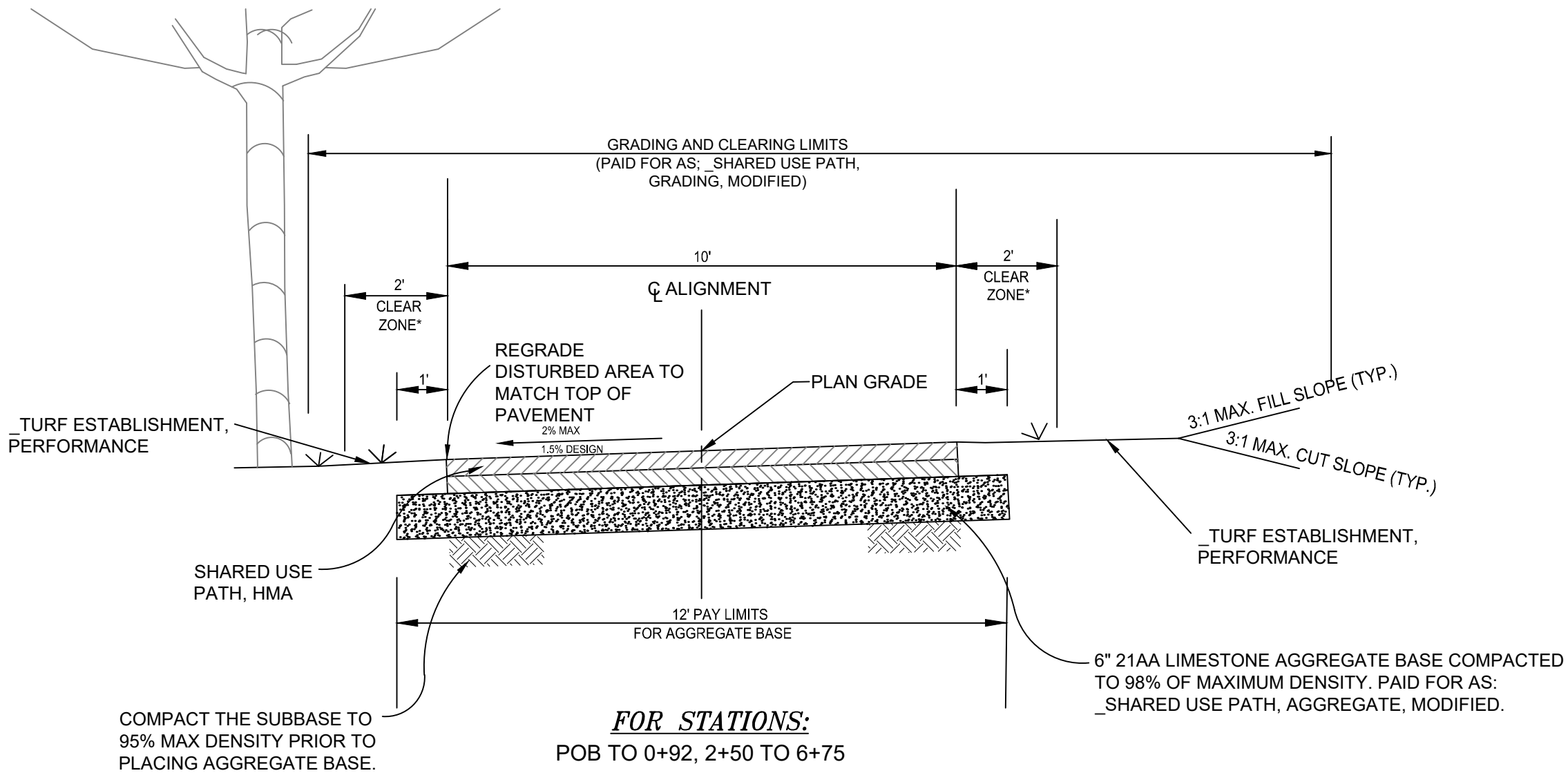
Scale  
NO SCALE

Drawing No.  
G-06

Sheet  
6 of 51



PROPOSED 10' WIDE BITUMINOUS SHARED USE PATH CROSS SECTION WITH RAILING WITHIN TOWNSHIP PROPERTY AND PLATT ROAD R.O.W.  
NO SCALE



\*CLEAR ZONE SHALL HAVE 6:1 MAX. SLOPE.

**PROPOSED 10' WIDE BITUMINOUS SHARED USE PATH CROSS SECTION WITHIN TOWNSHIP PROPERTY**  
NO SCALE



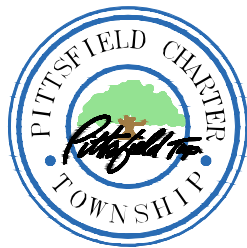
Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
TYPICAL CROSS SECTIONS

Project No.  
2075136601

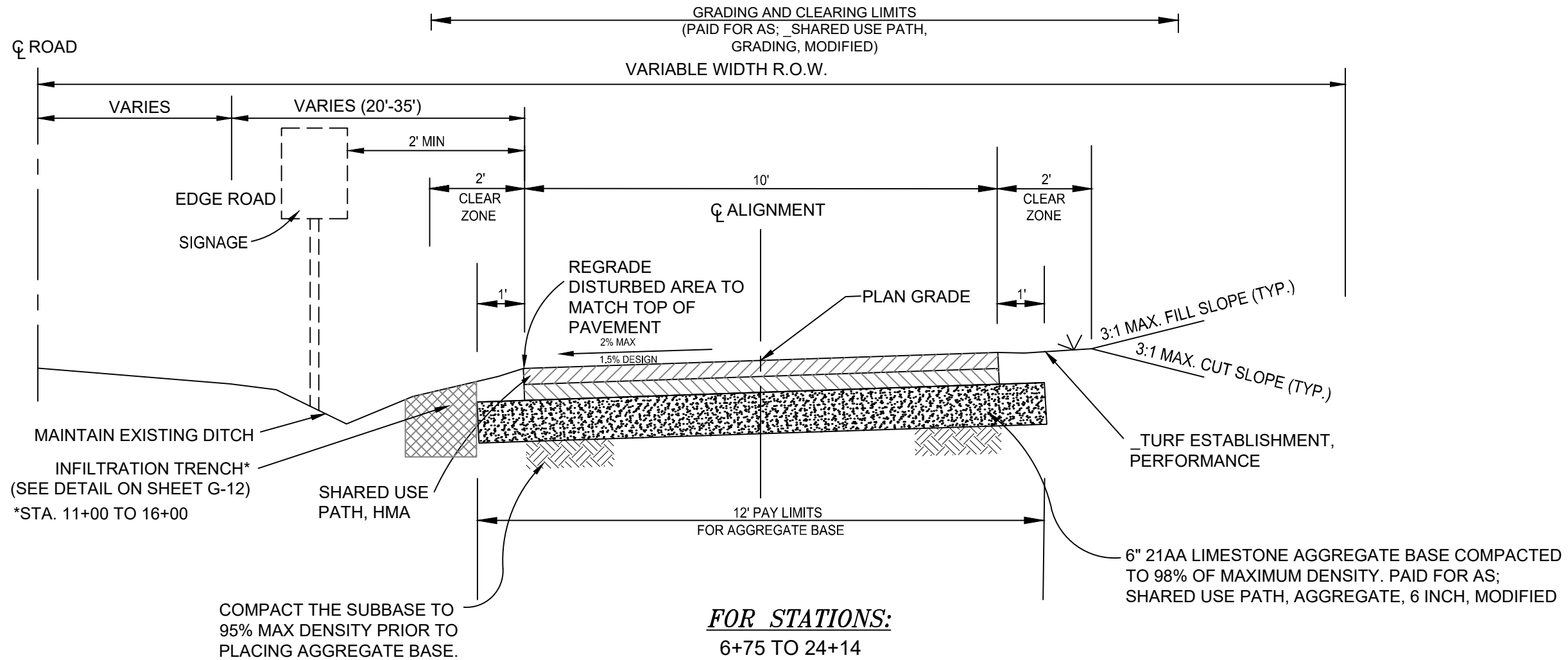
Scale  
NO SCALE

Drawing No.  
G-07

Sheet  
7 of 51

v:\2075\active\2075136601\design\drawing\136601\_g-08

2020.07.01 1:55:07 PM



NOTE: CLEAR ZONE SHALL HAVE 6:1 MAX SLOPE

**PROPOSED 10' WIDE BITUMINOUS SHARED USE PATH CROSS SECTION WITHIN PLATT ROAD R.O.W.**  
NO SCALE



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

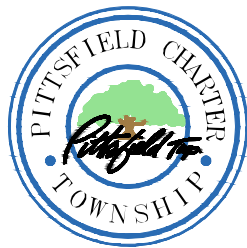
|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING  
UNDERGROUND UTILITIES AS SHOWN ON THIS  
DRAWING ARE ONLY APPROXIMATE. NO  
GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS  
TO THE COMPLETENESS OR ACCURACY THEREOF.  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR  
CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
TYPICAL CROSS SECTIONS

Project No.  
2075136601

Scale  
NO SCALE

Drawing No.  
G-08

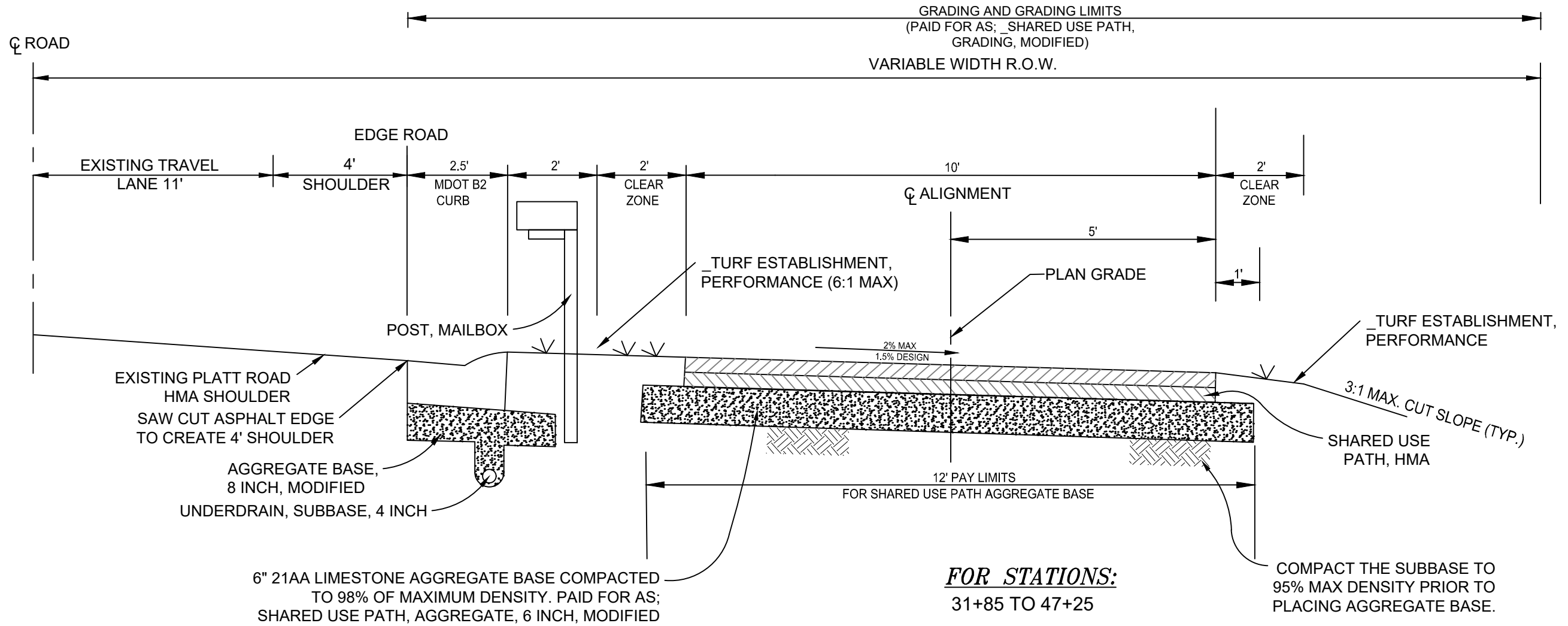
Sheet  
8 of 51



2020.07.01 1:55:22 PM

v:\2075\active\2075136601\design\drawing\136601\_g-10

2020.07.01 1:55:37 PM



NOTE: CLEAR ZONE SHALL HAVE 6:1 MAX SLOPE

**PROPOSED 12' WIDE BITUMINOUS SHARED USE PATH CROSS SECTION WITH CURB WITHIN PLATT ROAD R.O.W.**  
NO SCALE



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
TYPICAL CROSS SECTIONS

Project No.  
2075136601

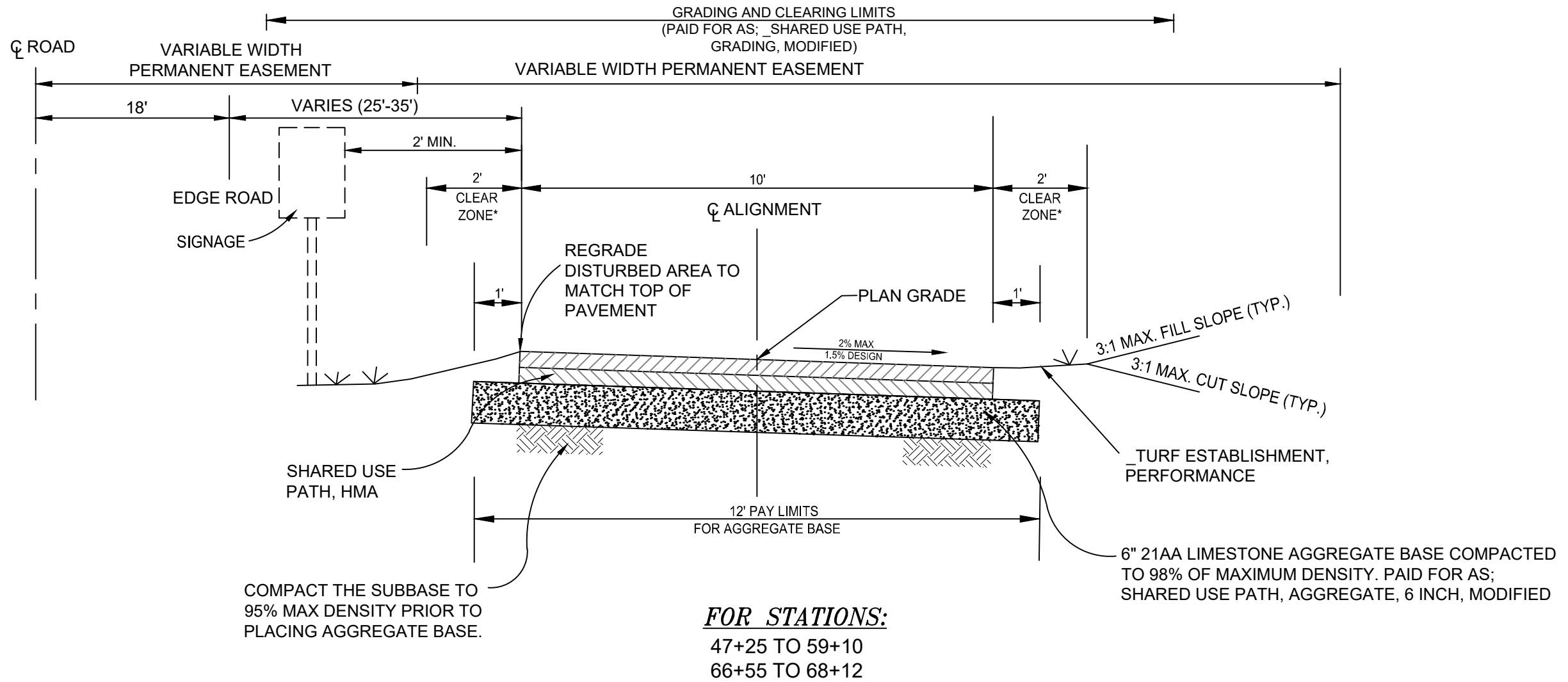
Scale  
NO SCALE

Drawing No.  
G-10

Sheet  
10 of 51

v:\2075\active\2075136601\design\drawing\136601\_g-11

2020.07.01 1:55:52 PM



NOTE: CLEAR ZONE SHALL HAVE 6:1 MAX SLOPE

**PROPOSED 10' WIDE BITUMINOUS SHARED USE PATH CROSS SECTION WITHIN EASEMENTS**  
NO SCALE



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



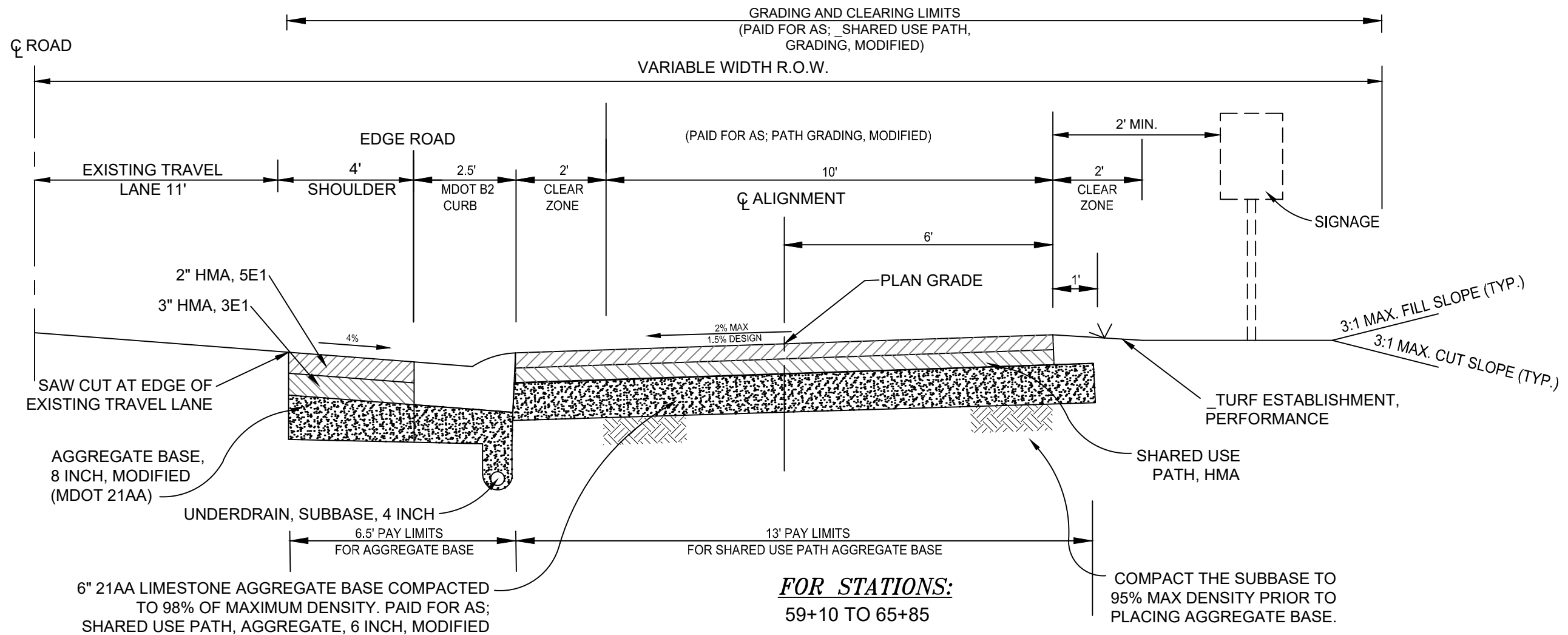
Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
TYPICAL CROSS SECTIONS

Project No.  
2075136601

Scale  
NO SCALE

Drawing No.  
G-11

Sheet  
11 of 51



PROPOSED 12' WIDE BITUMINOUS SHARED USE PATH CROSS SECTION WITH CURB WITHIN PLATT ROAD R.O.W.  
NO SCALE



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
TYPICAL CROSS SECTIONS

Project No.  
2075136601

Scale  
NO SCALE

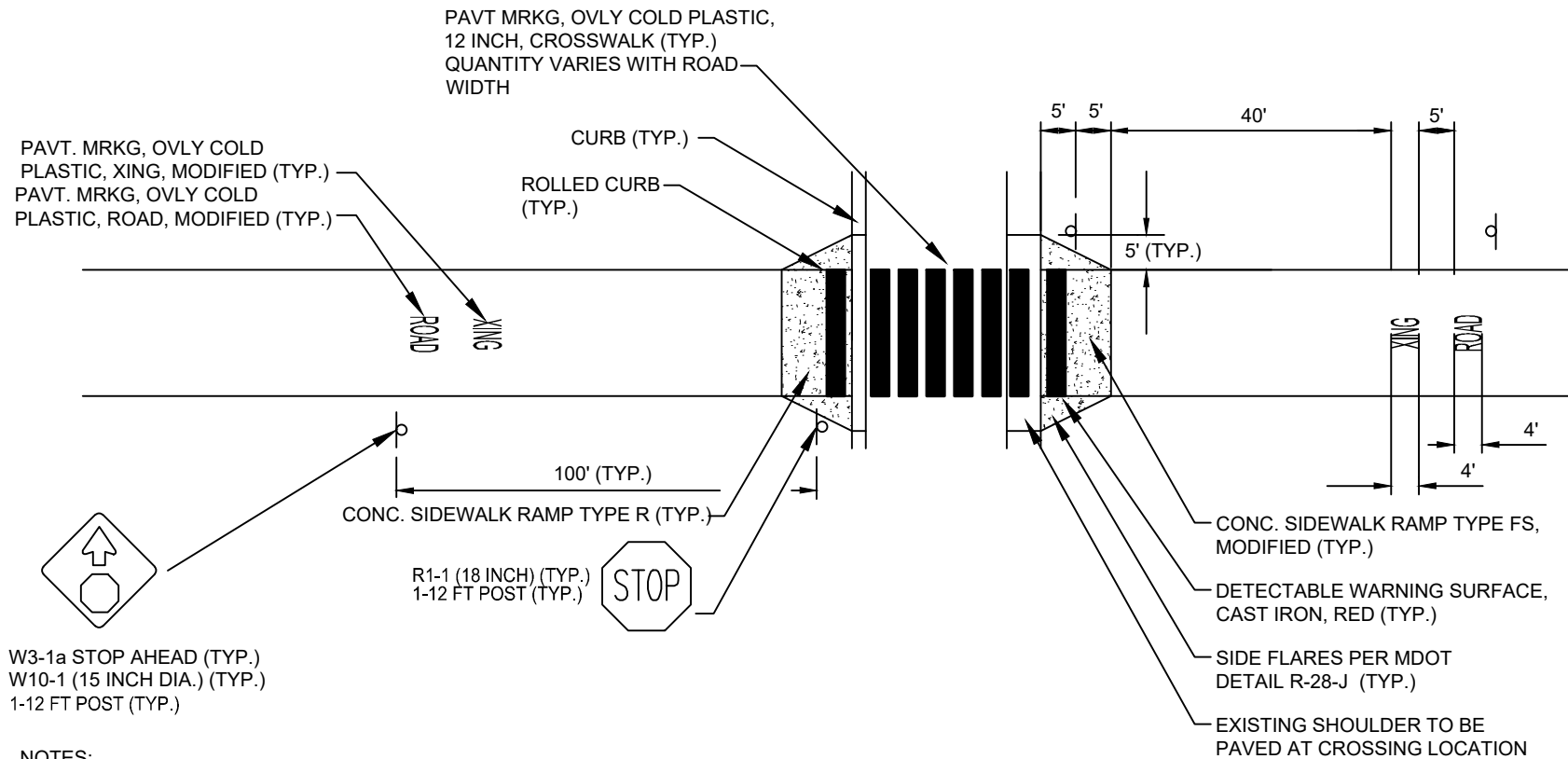
Drawing No.  
G-12

Sheet  
12 of 51



v:\2075\active\2075136601\design\drawing\136601\_g-13

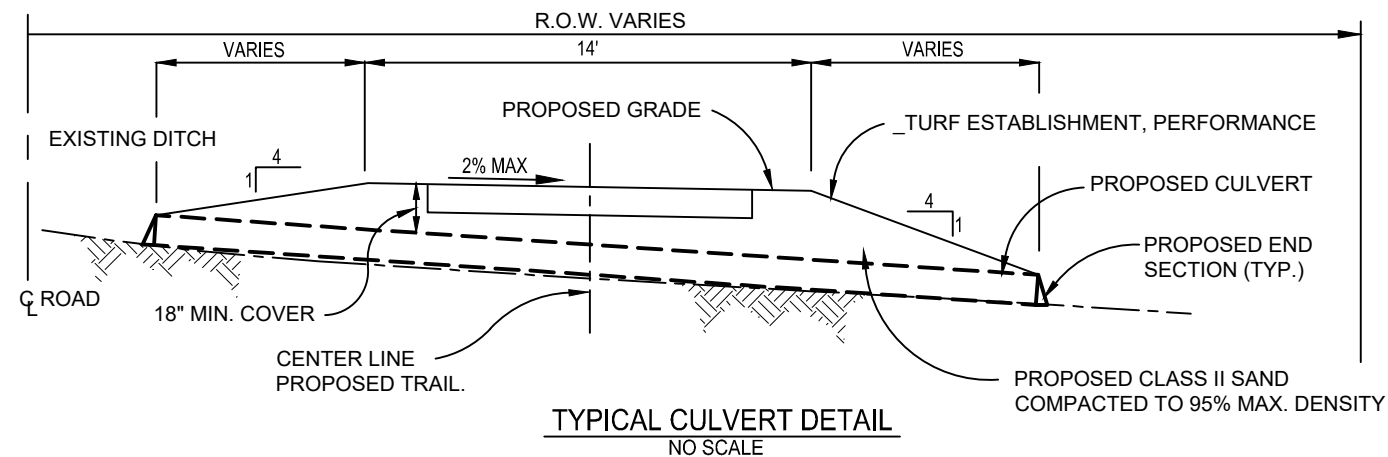
2020.07.01 1:56:16 PM



- NOTES:
1. THE PROPOSED SIGNS SHALL NOT BLOCK ANY EXISTING SIGNS AND PROPER SIGN SPACING WILL BE REQUIRED BETWEEN ALL EXISTING AND PROPOSED SIGNS.
  2. AT ROADS WITH EXISTING CURB, CURB CUT SHALL BE INSTALLED WITH ROLLED CURB PER R-28 SERIES TYPE R RAMPS.
  3. AT ROADS WITHOUT EXISTING CURB, SIDE FLARES SHALL BE CONSTRUCTED PER R-28 SERIES TYPE FS MODIFIED RAMP.
  4. SHOULDER INSTALLATION IS TO HAVE THE SAME CROSS-SECTION AS THE PROPOSED PATH OR HMA AS SHOWN ON SHEET G-02, AND MUST EXTEND FLUSH TO THE ROAD EDGE.
  5. SPECIAL EMPHASIS CROSSWALK PAVEMENT MARKING TO BE CONSTRUCTED PER MDOT PAVE-945-C DETAIL.

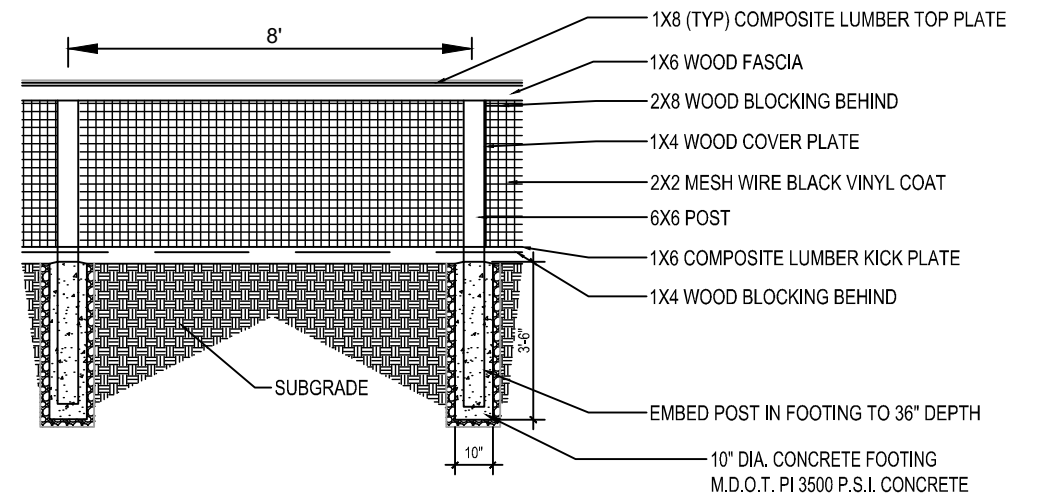
#### TYPICAL SHOULDER, MARKING AND SIGNAGE DETAIL BITUMINOUS PATHWAY CROSSING BITUMINOUS ROAD

NO SCALE



#### TYPICAL CULVERT DETAIL

NO SCALE

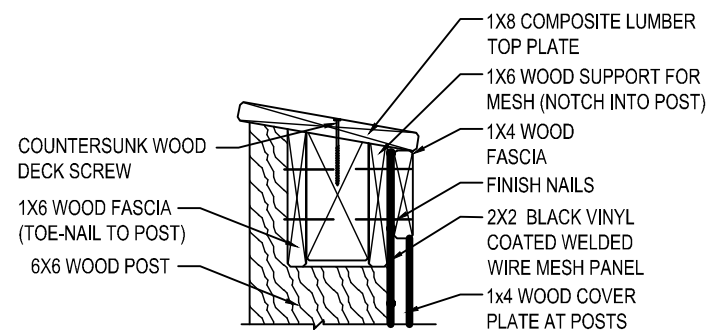


#### NOTES:

1. ALL TIMBER (EXCEPT THAT NOTED AS COMPOSITE) SHALL BE PRESSURE TREATED TO 0.23 PCF (GROUND CONTACT RATED) WITH MCA.
2. ALL COMPOSITE LUMBER MATERIAL AND COLOR SHALL BE APPROVED BY ENGINEER.
3. ALL STEEL FASTENERS SHALL BE HOT DIPPED GALVANIZED.
4. COUNTER SINK ALL SCREW CONNECTIONS 1/4".
5. 2"(H) X 2"(V) 16 GAUGE BLACK VINYL COATED WELD WIRE STEEL MESH PANEL SET IN A WOODEN FRAME. COVER ALL SHARP ENDS OF MESH PANEL WITH WOODEN FRAMING MEMBERS. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.
6. POSTS MUST BE PLACED SO THAT NO POSTS ARE DIRECTLY OVER CULVERTS OR OTHER UTILITIES.

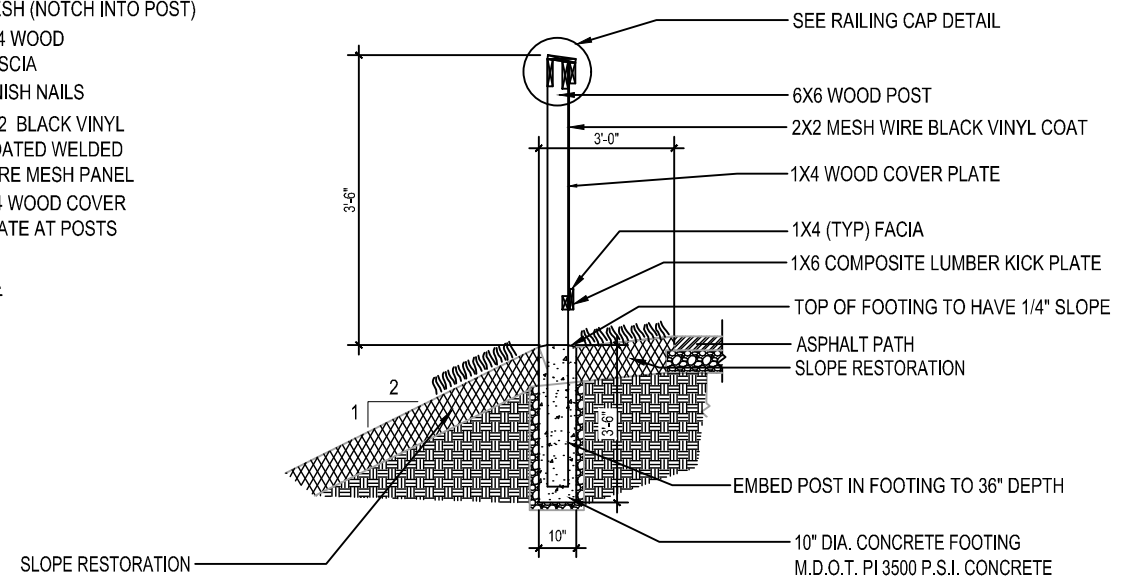
#### TYPICAL FENCE, WOVEN WIRE MESH WITH WOOD POST DETAIL

NO SCALE



#### RAILING CAP DETAIL

NO SCALE



#### FENCE, WOVEN WIRE MESH WITH WOOD POST SECTION

NO SCALE



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
Know what's below.  
Call before you dig.

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
PROJECT DETAILS

Project No.  
2075136601

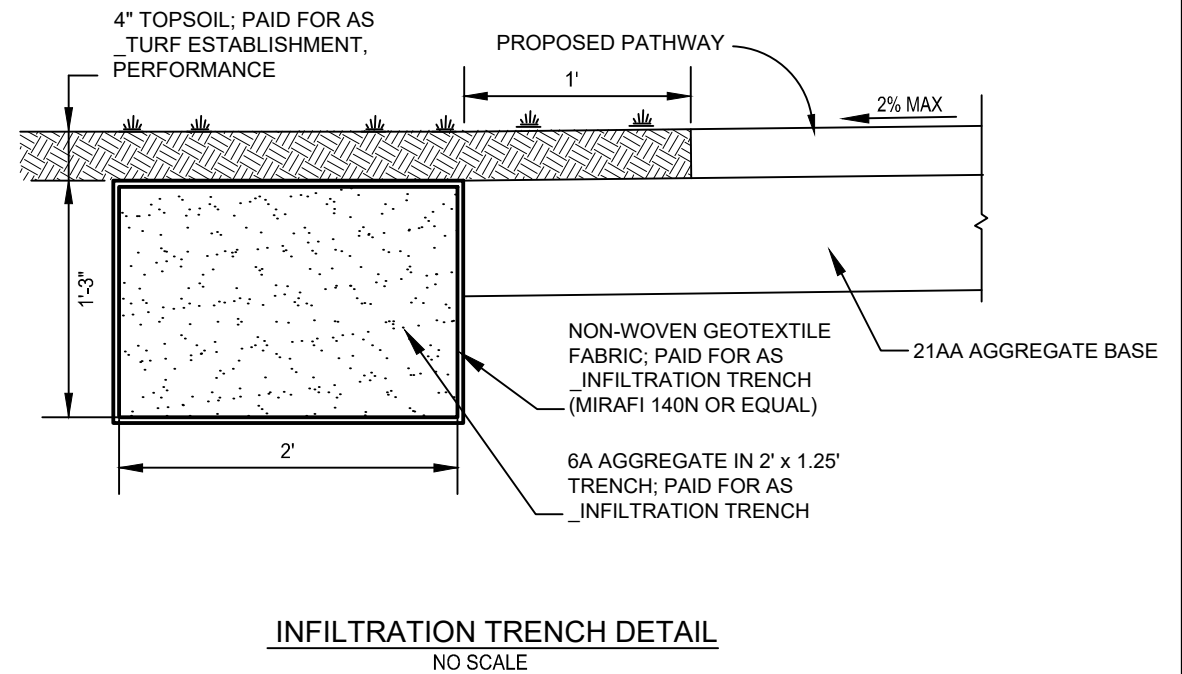
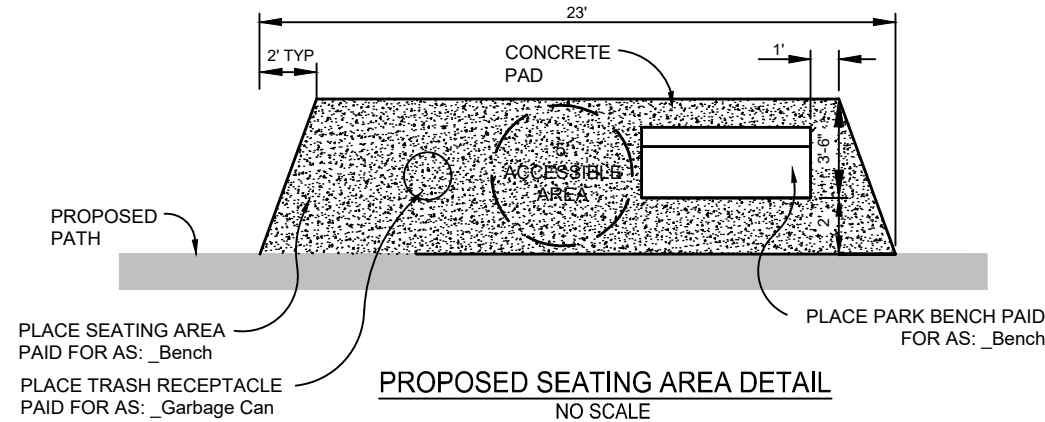
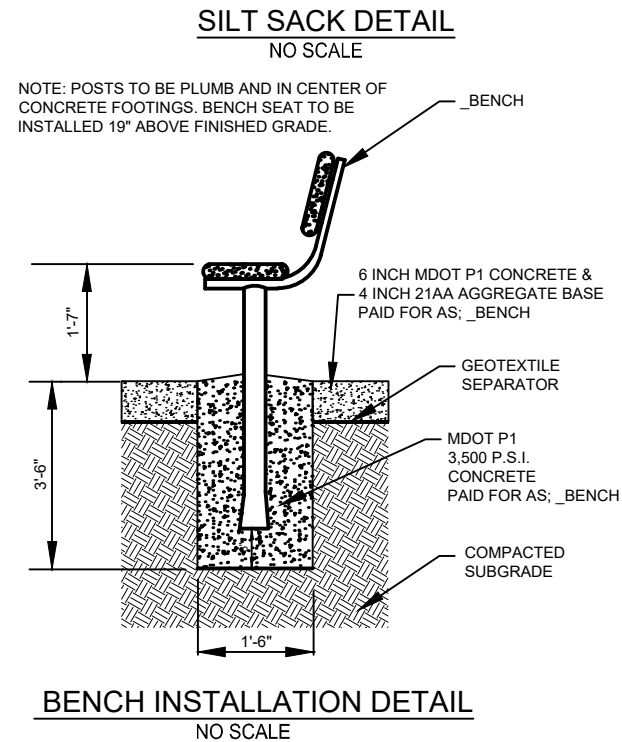
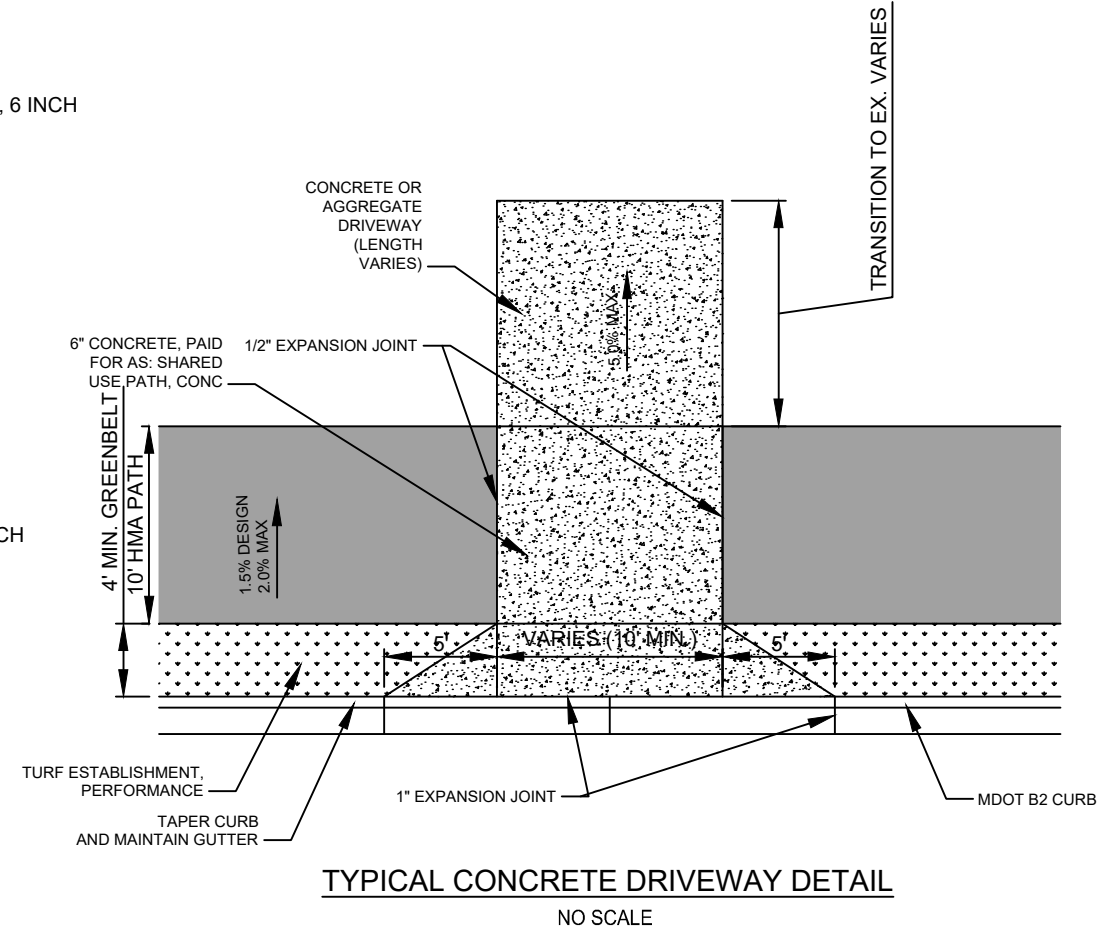
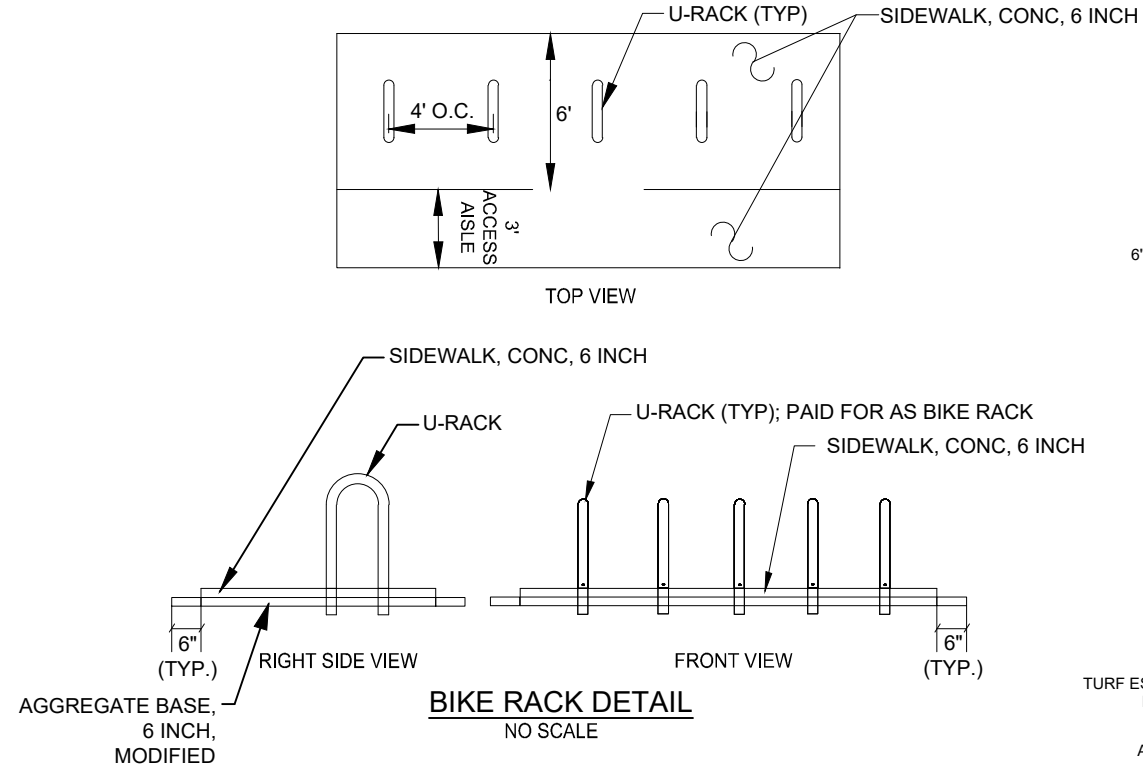
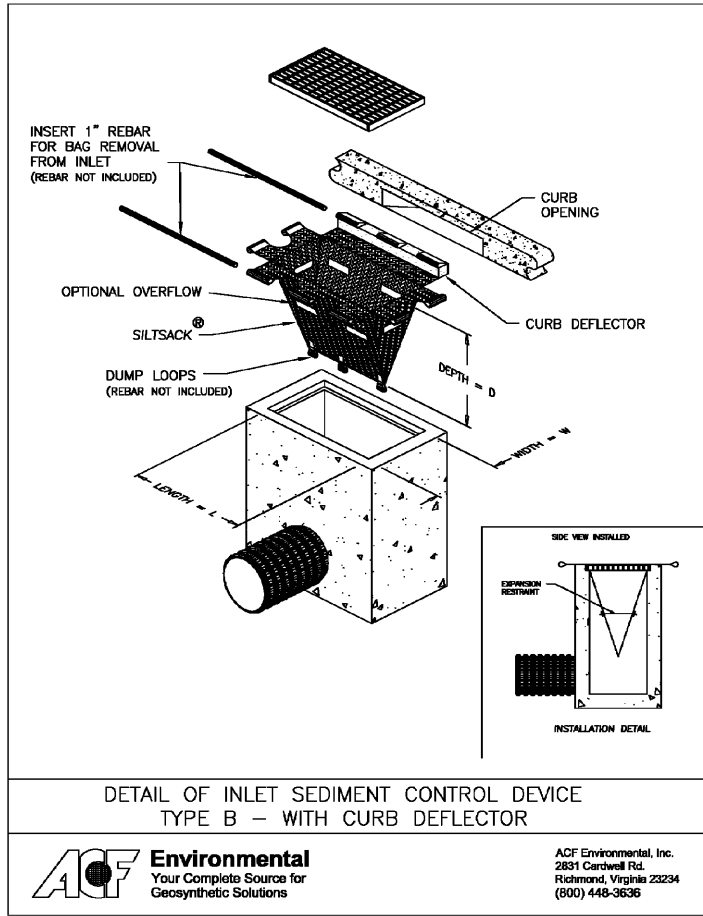
Scale  
NO SCALE

Drawing No.  
G-13

Sheet  
13 of 51

v:\2075\active\2075136601\design\drawing\136601\_g-14

2020.07.01 1:56:27 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



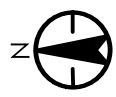
Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
PROJECT DETAILS

Project No.  
2075136601

Scale  
NO SCALE

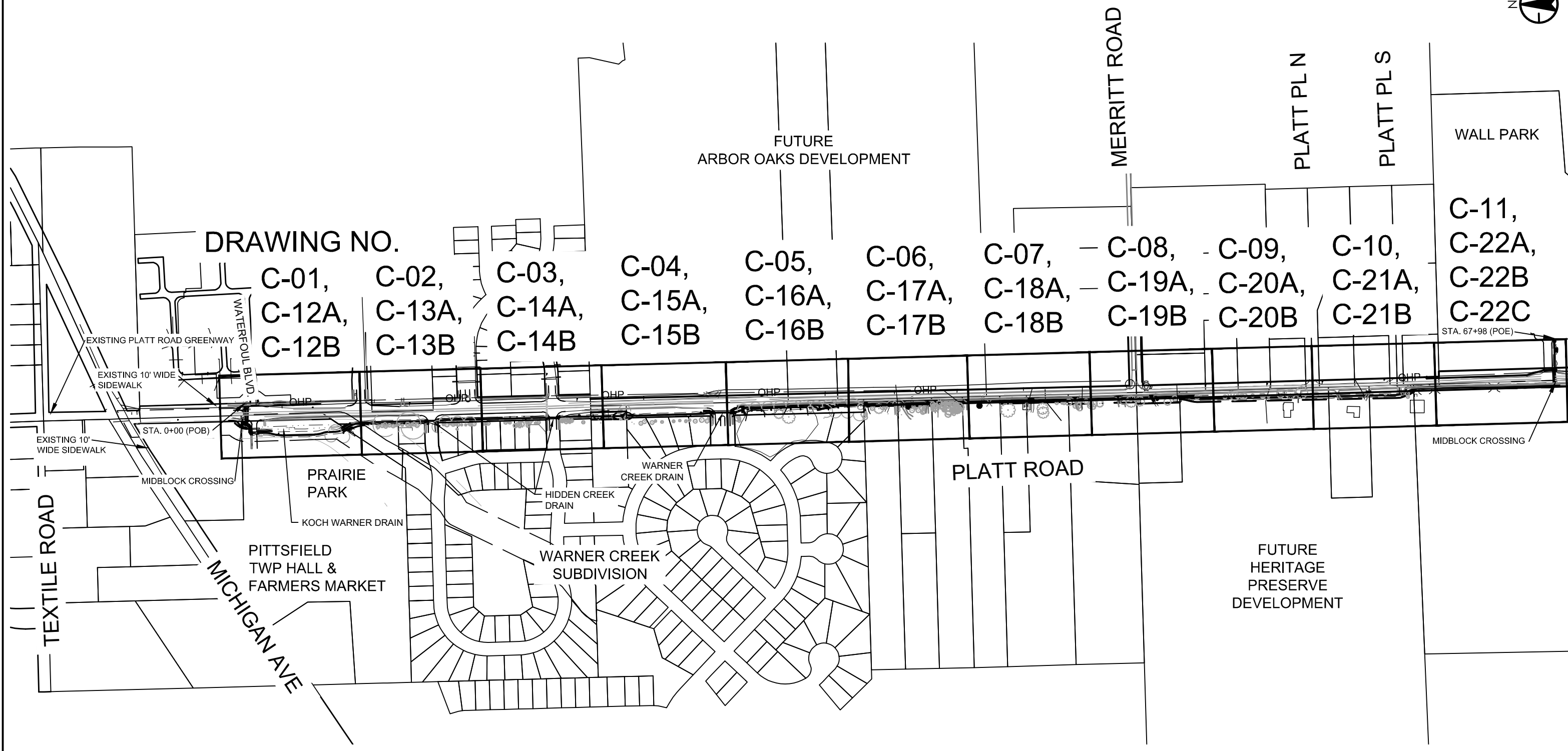
Drawing No.  
G-14

Sheet  
14 of 51



DRAWING NO.

- C-01,  
C-12A,  
C-12B
- C-02,  
C-13A,  
C-13B
- C-03,  
C-14A,  
C-14B
- C-04,  
C-15A,  
C-15B
- C-05,  
C-16A,  
C-16B
- C-06,  
C-17A,  
C-17B
- C-07,  
C-18A,  
C-18B
- C-08,  
C-19A,  
C-19B
- C-09,  
C-20A,  
C-20B
- C-10,  
C-21A,  
C-21B
- C-11,  
C-22A,  
C-22B,  
C-22C



OVERALL PLAN  
NOT TO SCALE



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

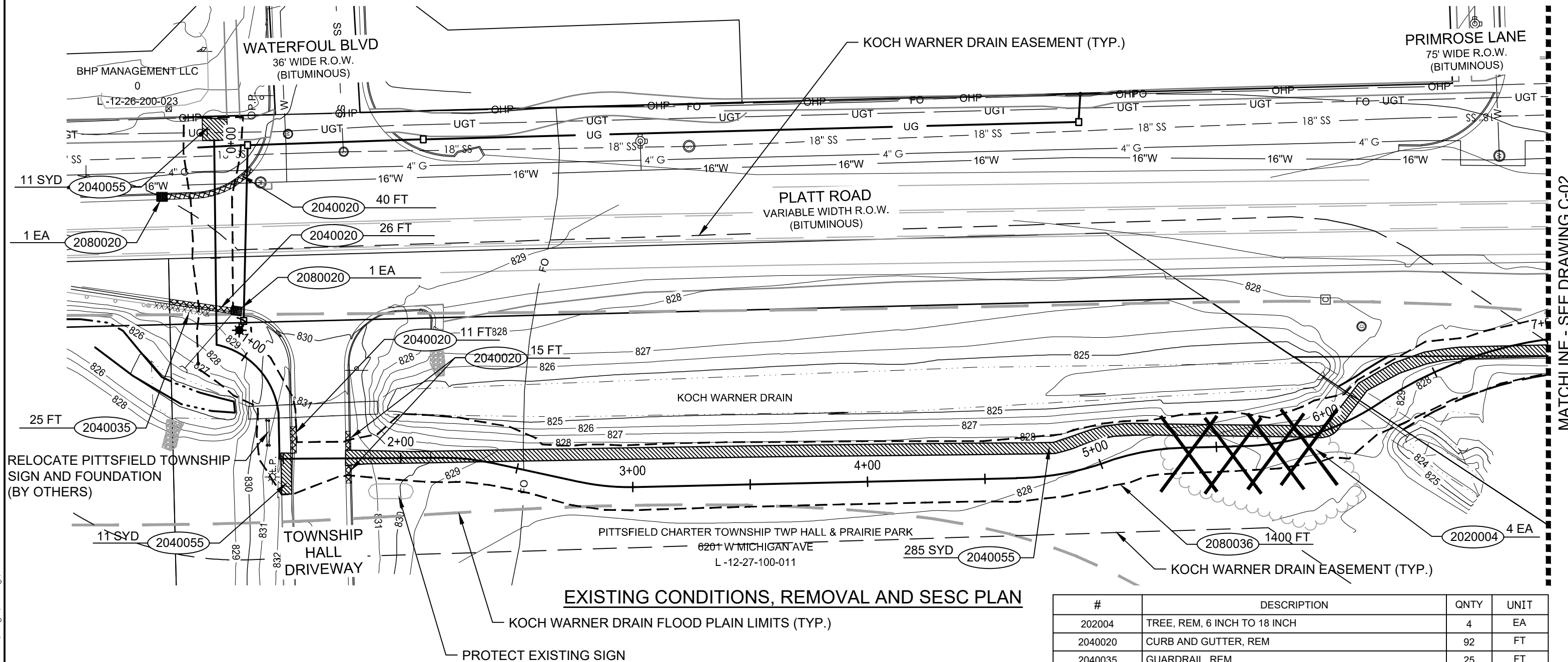
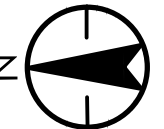


Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
OVERALL PLAN

|                           |                   |
|---------------------------|-------------------|
| Project No.<br>2075136601 |                   |
| Scale<br>NO SCALE         |                   |
| Drawing No.<br>G-15       | Sheet<br>15 of 51 |



- PERMANENT EASEMENT  
PROPOSED GRADING/DISTURBANCE LIMITS  
WETLAND LIMITS  
REMOVAL LIMITS



EXISTING CONDITIONS, REMOVAL AND SESC PLAN

| #       | DESCRIPTION                                    | QNTY | UNIT |
|---------|------------------------------------------------|------|------|
| 202004  | TREE, REM, 6 INCH TO 18 INCH                   | 4    | EA   |
| 2040020 | CURB AND GUTTER, REM                           | 92   | FT   |
| 2040035 | GUARDRAIL, REM                                 | 25   | FT   |
| 2040055 | SIDEWALK, REM                                  | 305  | SYD  |
| 2080020 | EROSION CONTROL, INLET PROTECTION, FABRIC DROP | 2    | EA   |
| 2080036 | EROSION CONTROL, SILT FENCE                    | 1400 | FT   |



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



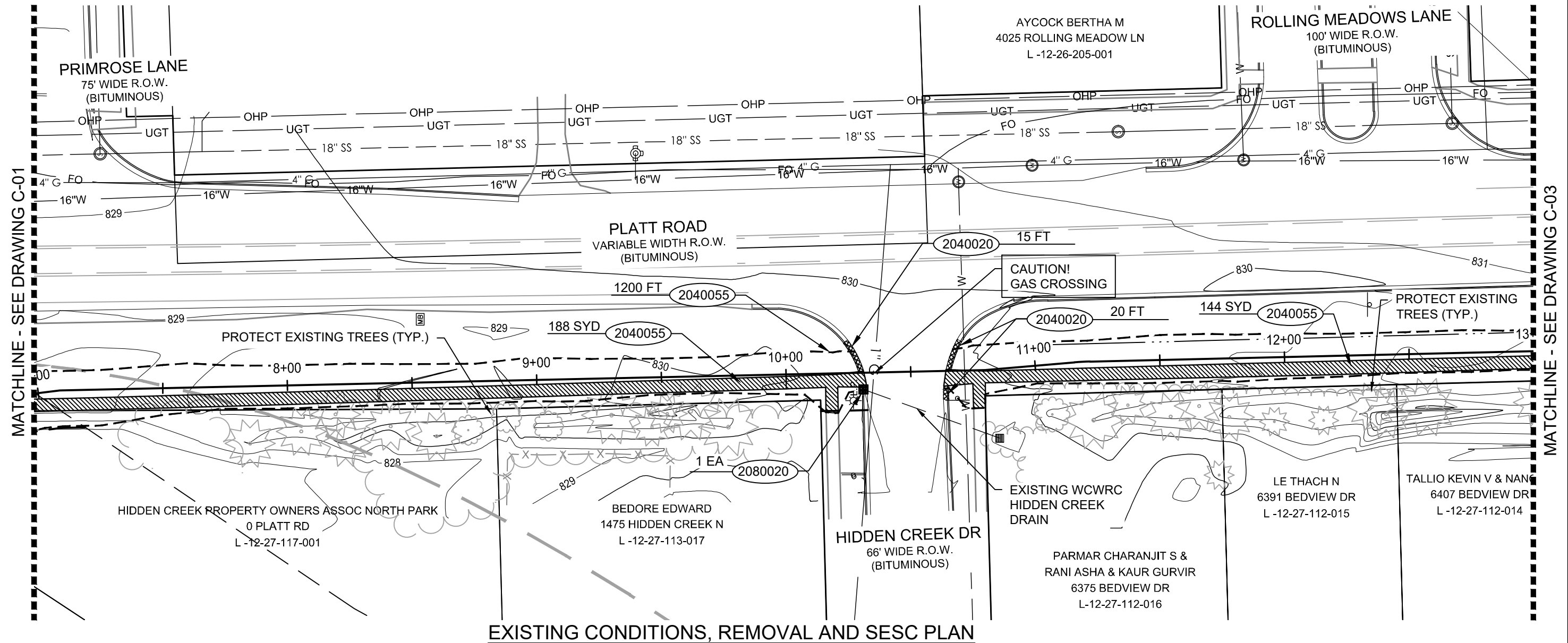
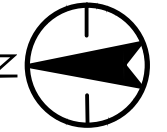
Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
EXISTING CONDITIONS, REMOVAL AND SESC PLAN  
STA. 0+00 TO STA. 7+00

Project No.  
2075136601



Drawing No. C-01  
Sheet 16 of 51

----- PROPOSED GRADING/DISTURBANCE LIMITS  
- - - - - WETLAND LIMITS  
REMOVAL LIMITS



EXISTING CONDITIONS, REMOVAL AND SESC PLAN

| #       | DESCRIPTION                                    | QNTY | UNIT |
|---------|------------------------------------------------|------|------|
| 2040020 | CURB AND GUTTER, REM                           | 35   | FT   |
| 2040055 | SIDEWALK, REM                                  | 332  | SYD  |
| 2080020 | EROSION CONTROL, INLET PROTECTION, FABRIC DROP | 1    | EA   |
| 2080036 | EROSION CONTROL, SILT FENCE                    | 1200 | FT   |

v:\2075\active\2075136601\design\drawing\136601c-02

2020.07.01 1:57:53 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

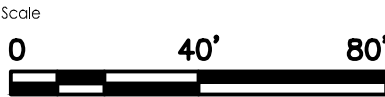


NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
EXISTING CONDITIONS, REMOVAL AND SESC PLAN  
STA. 7+00 TO STA. 13+00

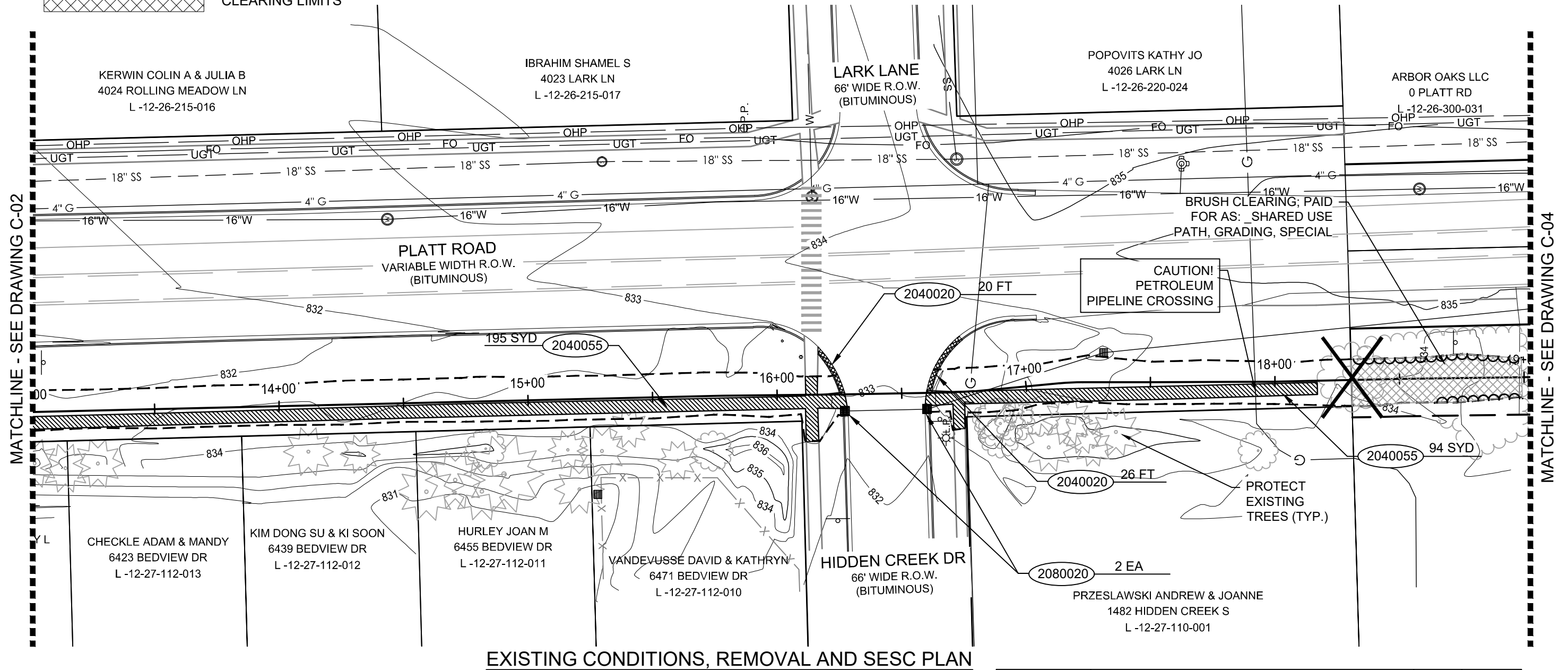
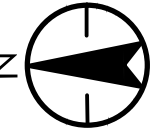
Project No.  
2075136601



Drawing No. C-02  
Sheet 17 of 51



- PERMANENT EASEMENT  
PROPOSED GRADING/DISTURBANCE LIMITS  
WETLAND LIMITS  
REMOVAL LIMITS  
CLEARING LIMITS



EXISTING CONDITIONS, REMOVAL AND SESC PLAN

| #       | DESCRIPTION                                    | QNTY | UNIT |
|---------|------------------------------------------------|------|------|
| 2040020 | CURB AND GUTTER, REM                           | 46   | FT   |
| 2040055 | SIDEWALK, REM                                  | 289  | SYD  |
| 2080020 | EROSION CONTROL, INLET PROTECTION, FABRIC DROP | 2    | EA   |
| 2080036 | EROSION CONTROL, SILT FENCE                    | 1200 | FT   |



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



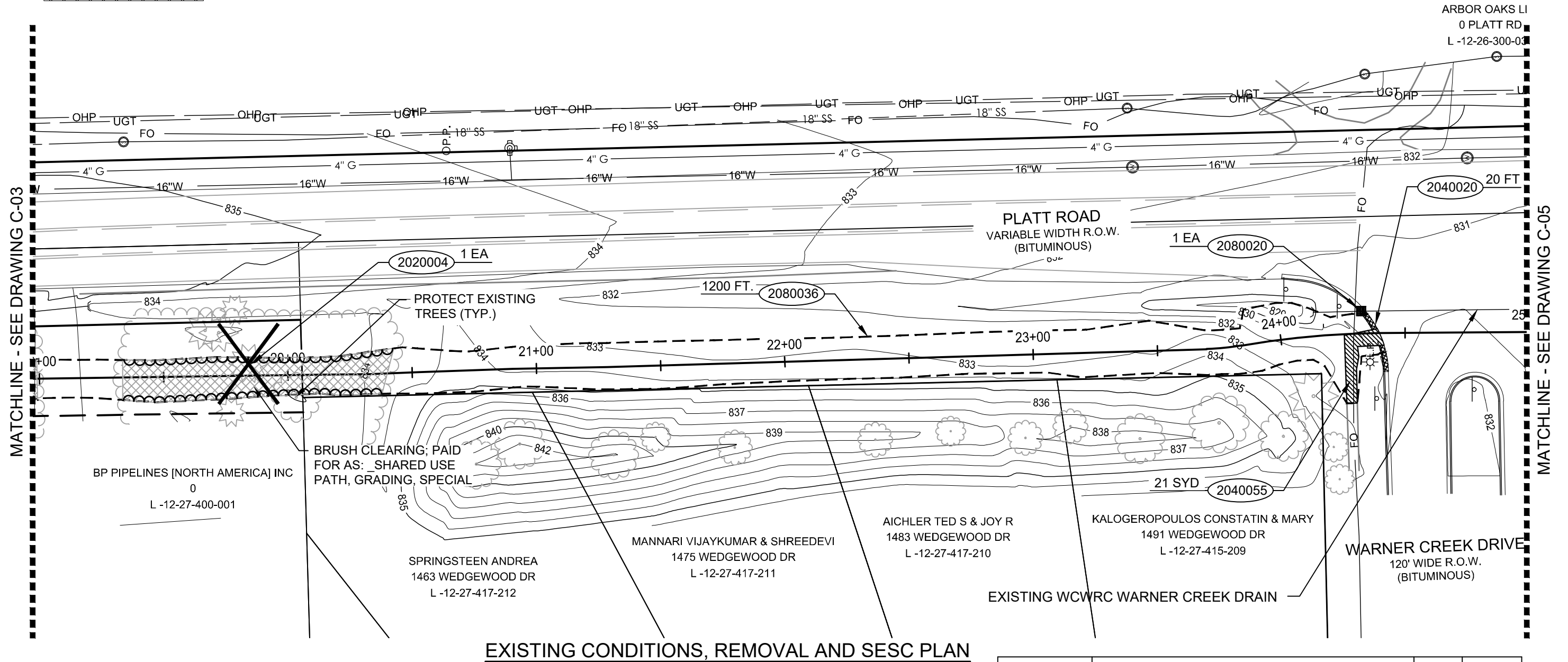
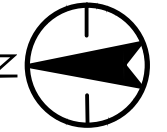
NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
EXISTING CONDITIONS, REMOVAL AND SESC PLAN  
STA. 13+00 TO STA. 19+00

Project No.  
2075136601  
Scale  
0 40' 80'  
Drawing No.  
C-03  
Sheet  
18 of 51

- PERMANENT EASEMENT  
PROPOSED GRADING/DISTURBANCE LIMITS  
WETLAND LIMITS  
REMOVAL LIMITS  
CLEARING LIMITS



EXISTING CONDITIONS, REMOVAL AND SESC PLAN

| #       | DESCRIPTION                                    | QNTY | UNIT |
|---------|------------------------------------------------|------|------|
| 2020004 | TREE, REM, 6 INCH TO 18 INCH                   | 1    | EA   |
| 2040020 | CURB AND GUTTER, REM                           | 20   | FT   |
| 2040055 | SIDEWALK, REM                                  | 21   | SYD  |
| 2080020 | EROSION CONTROL, INLET PROTECTION, FABRIC DROP | 1    | EA   |
| 2080036 | EROSION CONTROL, SILT FENCE                    | 1200 | FT   |

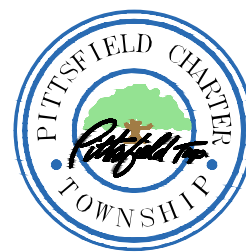


Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

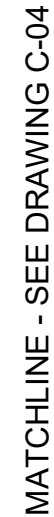
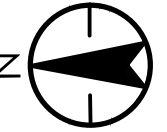


Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
EXISTING CONDITIONS,  
REMOVAL AND SESC PLAN  
STA. 19+00 TO STA. 25+00

Project No.  
2075136601



Drawing No.  
C-04  
Sheet  
19 of 51



MATCHLINE - SEE DRAWING C-06

v:\2075\active\2075136601\design\drawing\136601c-05



Project No.  
2075136601

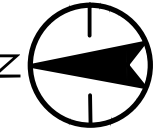
Scale

0 40' 80'

A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '40'' at the midpoint, and '80'' at the right end.

Drawing No. C-05  
Sheet 20 of 51





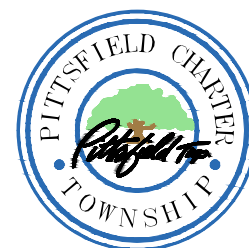
v:\2075\active\2075136601\design\drawing\136601c-06



NOTE:

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

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Project No.  
2075136601

Scale



Drawing No. C-06  
Sheet 21 of 51



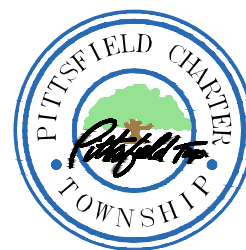


MATCHLINE - SEE DRAWING C-08



**NOTE:**

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



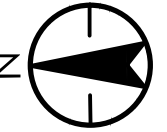
Project No.  
2075136601

Scale

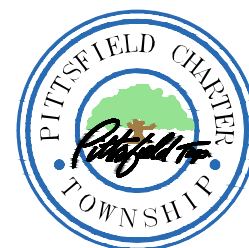
0 40' 80'

A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '40'' at the midpoint, and '80'' at the right end.

Drawing No. C-07

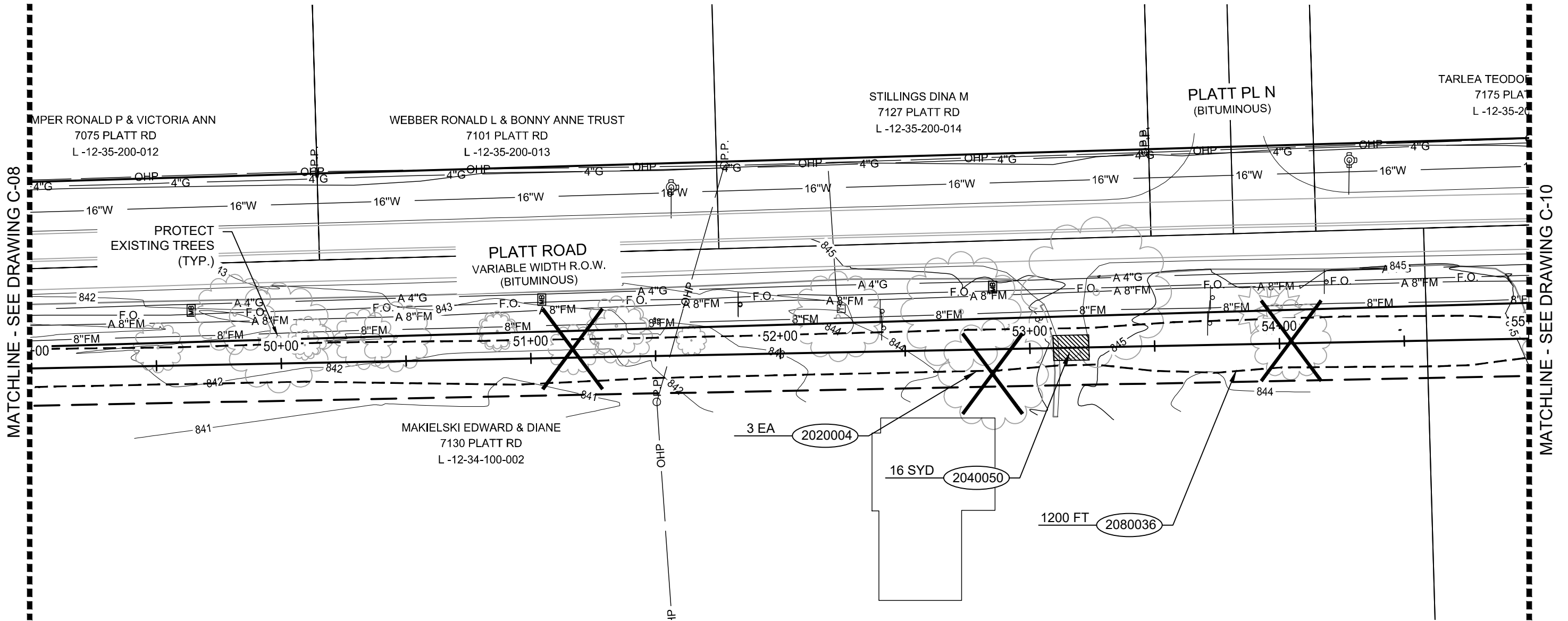
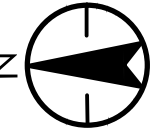


|        |    |      |            |
|--------|----|------|------------|
| Issued | By | Appd | YYYY.MM.DD |
|--------|----|------|------------|



Drawing No. C-08  
Sheet 23 of 51

- PERMANENT EASEMENT  
--- PROPOSED GRADING/DISTURBANCE LIMITS  
--- WETLAND LIMITS  
REMOVAL LIMITS



EXISTING CONDITIONS, REMOVAL AND SESC PLAN

| #       | DESCRIPTION                  | QNTY | UNIT |
|---------|------------------------------|------|------|
| 2020004 | TREE, REM, 6 INCH TO 18 INCH | 3    | EA   |
| 2040050 | PAVT, REM                    | 16   | SYD  |
| 2080036 | EROSION CONTROL, SILT FENCE  | 1200 | FT   |



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



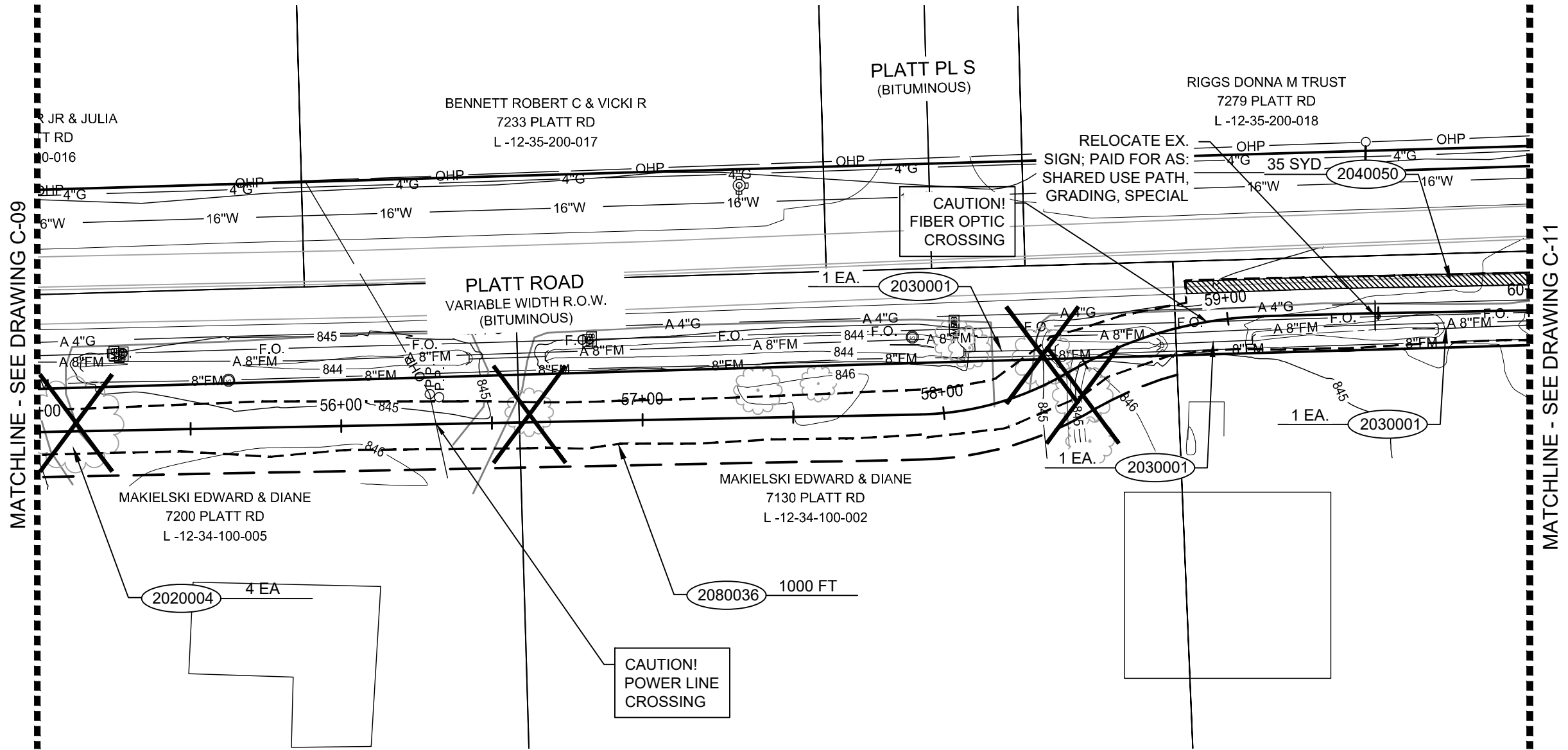
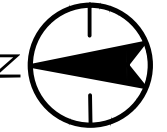
Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
EXISTING CONDITIONS,  
REMOVAL AND SESC PLAN  
STA. 49+00 TO STA. 55+00

Project No.  
2075136601



Drawing No.  
C-09  
Sheet  
24 of 51

- PERMANENT EASEMENT  
----- PROPOSED GRADING/DISTURBANCE LIMITS  
----- WETLAND LIMITS  
REMOVAL LIMITS



EXISTING CONDITIONS, REMOVAL AND SESC PLAN

| #       | DESCRIPTION                  | QNTY | UNIT |
|---------|------------------------------|------|------|
| 2020004 | TREE, REM, 6 INCH TO 18 INCH | 4    | EA   |
| 2030001 | CULV, REM, LESS THAN 24 INCH | 3    | EA   |
| 2040050 | PAVT, REM                    | 35   | SYD  |
| 2080036 | EROSION CONTROL, SILT FENCE  | 1200 | FT   |

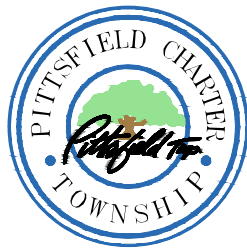


Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
EXISTING CONDITIONS,  
REMOVAL AND SESC PLAN  
STA. 55+00 TO STA. 60+00

Project No.  
2075136601



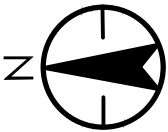
Drawing No.  
C-10  
Sheet  
25 of 51



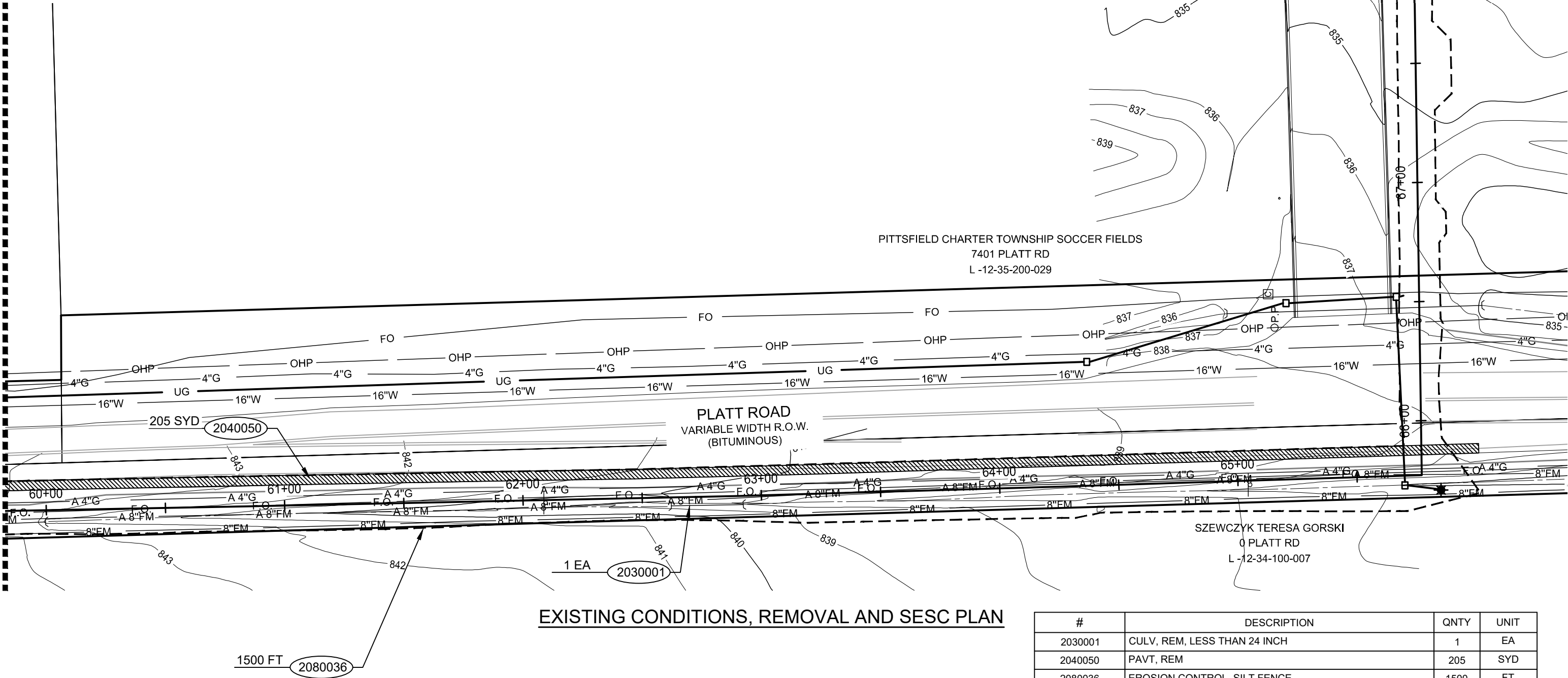
v:\2075\active\2075136601\design\drawing\136601c-11

2020.07.01 2:02:26 PM

- PROPOSED GRADING/DISTURBANCE LIMITS
- WETLAND LIMITS
- REMOVAL LIMITS



MATCHLINE - SEE DRAWING C-10



EXISTING CONDITIONS, REMOVAL AND SESC PLAN

| #       | DESCRIPTION                  | QNTY | UNIT |
|---------|------------------------------|------|------|
| 2030001 | CULV, REM, LESS THAN 24 INCH | 1    | EA   |
| 2040050 | PAVT, REM                    | 205  | SYD  |
| 2080036 | EROSION CONTROL, SILT FENCE  | 1500 | FT   |



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
EXISTING CONDITIONS,  
REMOVAL AND SESC PLAN  
STA. 60+00 TO STA. 68+12

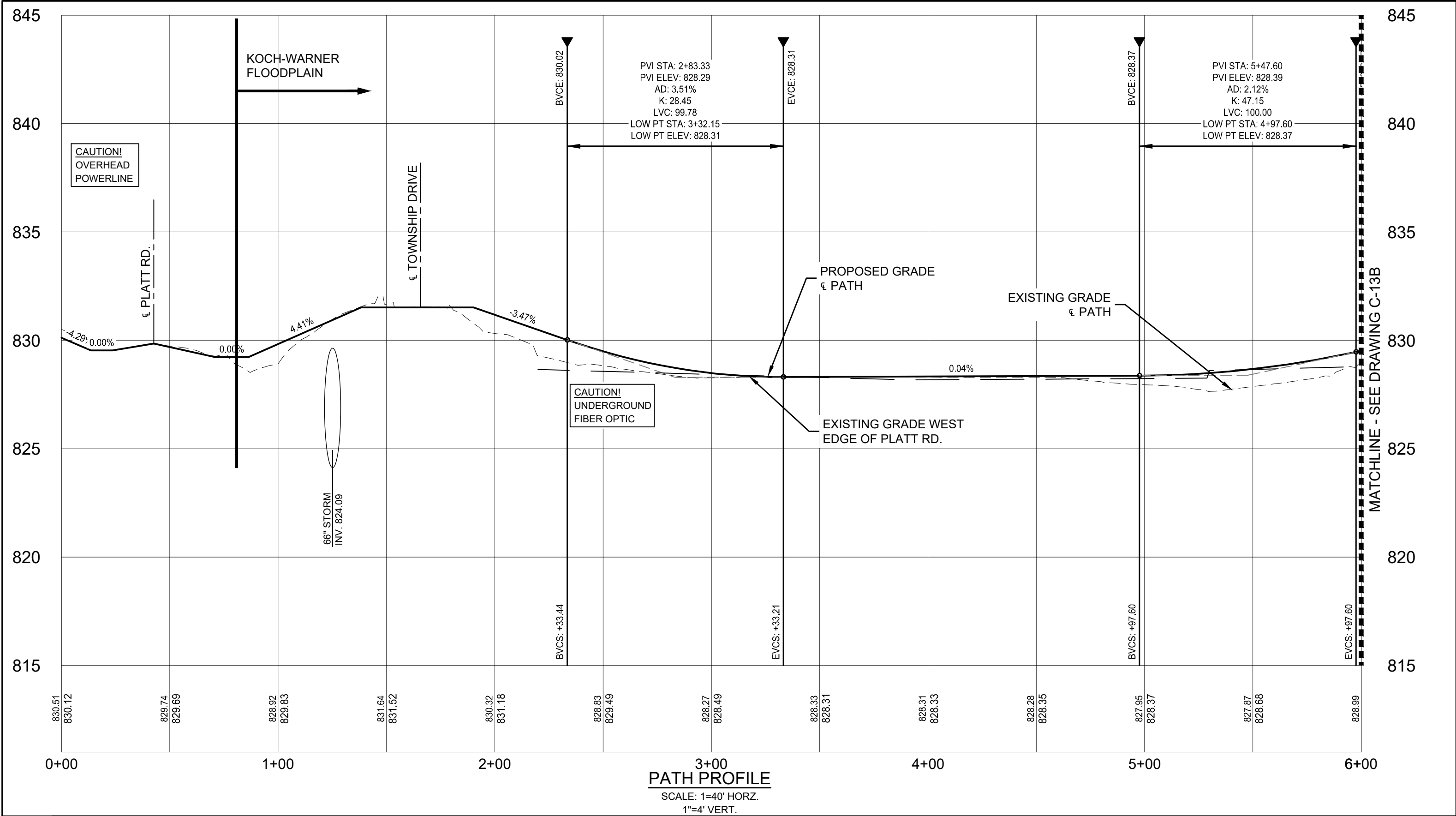
Project No.  
2075136601



Drawing No.  
C-11  
Sheet  
26 of 51

v:\2075\active\2075136601\design\drawing\136601 c-12b

2020.07.01 2:03:32 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

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

**NOTE:**  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

PITTSFIELD CHARTER TOWNSHIP

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 0+00 TO STA. 7+00

Project No.  
2075136601

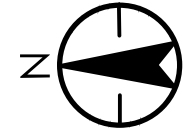
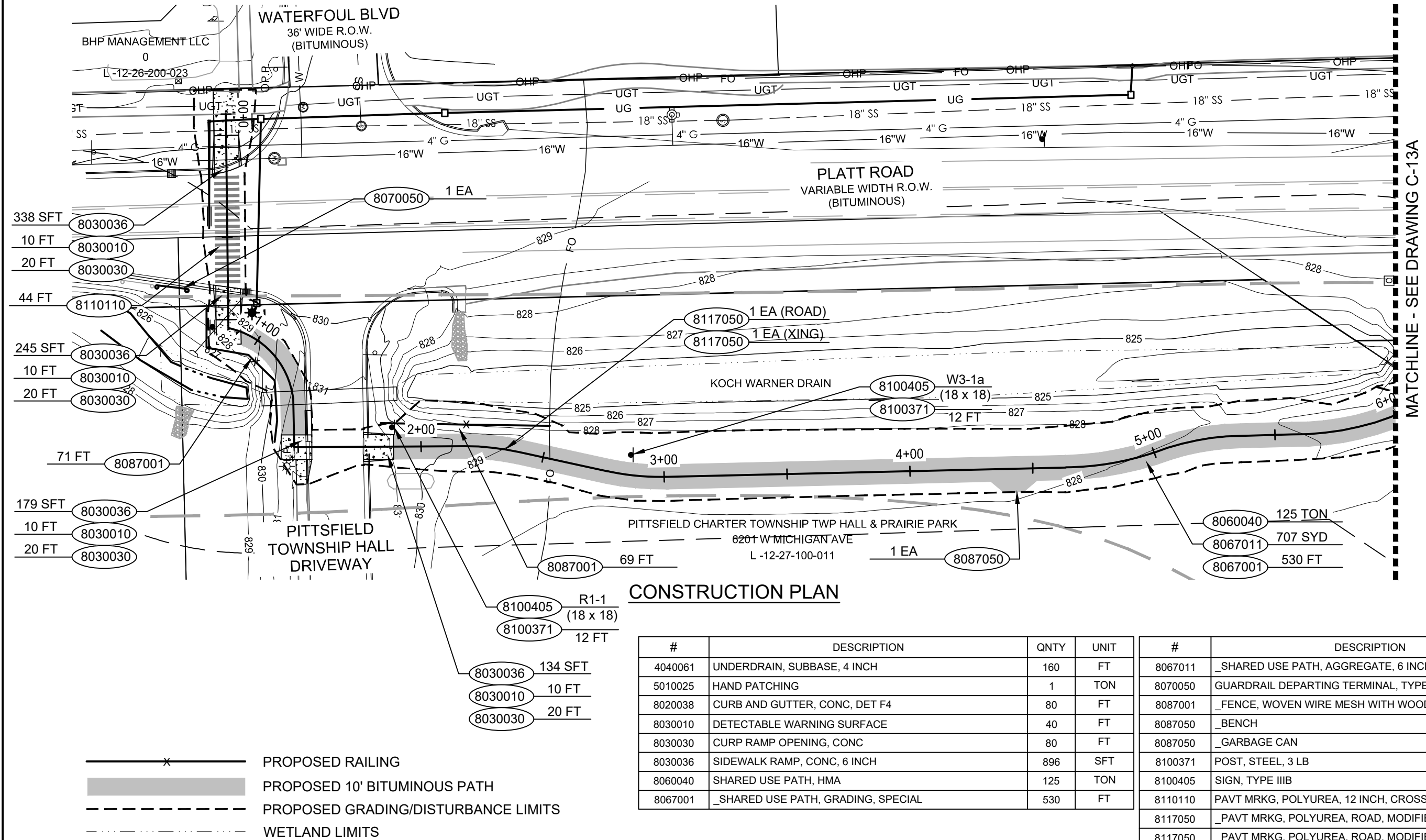
Scale  
0 40' 80'

Drawing No.  
C-12B

Sheet  
28 of 51

v:\2075\active\2075136601\design\drawing\136601-c-12

2020.07.01 2:02:52 PM



MATCHLINE - SEE DRAWING C-13A

### CONSTRUCTION PLAN

| #       | DESCRIPTION                        | QNTY | UNIT |
|---------|------------------------------------|------|------|
| 4040061 | UNDERDRAIN, SUBBASE, 4 INCH        | 160  | FT   |
| 5010025 | HAND PATCHING                      | 1    | TON  |
| 8020038 | CURB AND GUTTER, CONC, DET F4      | 80   | FT   |
| 8030010 | DETECTABLE WARNING SURFACE         | 40   | FT   |
| 8030030 | CURP RAMP OPENING, CONC            | 80   | FT   |
| 8030036 | SIDEWALK RAMP, CONC, 6 INCH        | 896  | SFT  |
| 8060040 | SHARED USE PATH, HMA               | 125  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL | 530  | FT   |

| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 707  | SYD  |
| 8070050 | GUARDRAIL DEPARTING TERMINAL, TYPE B         | 1    | EA   |
| 8087001 | _FENCE, WOVEN WIRE MESH WITH WOOD POST       | 140  | FT   |
| 8087050 | _BENCH                                       | 1    | EA   |
| 8087050 | _GARBAGE CAN                                 | 1    | EA   |
| 8100371 | POST, STEEL, 3 LB                            | 24   | FT   |
| 8100405 | SIGN, TYPE IIIB                              | 4.5  | SFT  |
| 8110110 | PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK      | 150  | FT   |
| 8117050 | _PAVT MRKG, POLYUREA, ROAD, MODIFIED         | 1    | EA   |
| 8117050 | _PAVT MRKG, POLYUREA, ROAD, MODIFIED         | 1    | EA   |



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
CONSTRUCTION PLAN  
STA. 0+00 TO STA. 6+00

Project No.  
2075136601

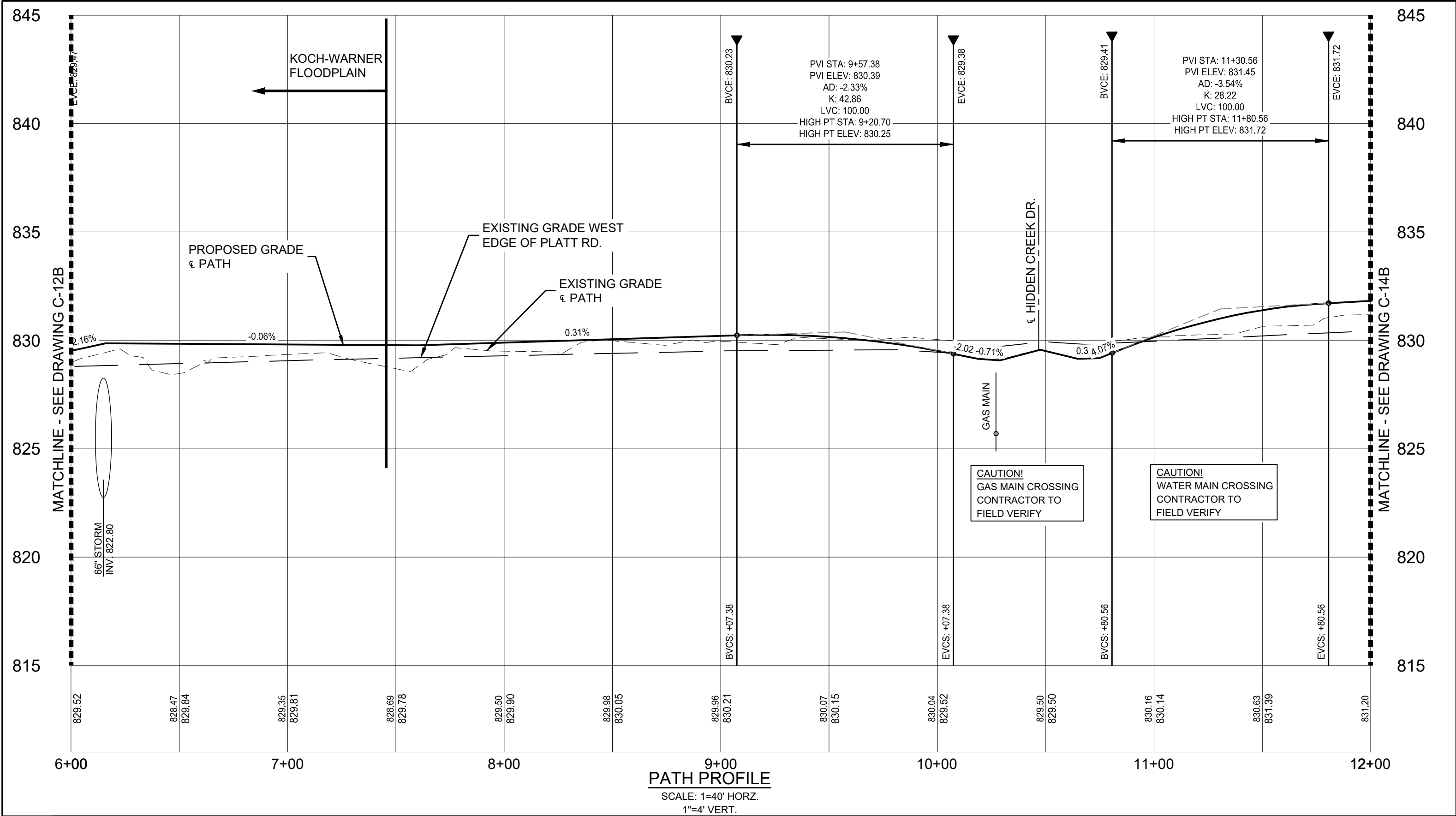
Scale  
0 40' 80'

Drawing No.  
C-12A

Sheet  
27 of 51

v:\2075\active\2075136601\design\drawing\136601 c-13b

2020.07.01 2:04:43 PM



**PATH PROFILE**

SCALE: 1"=40' HORZ.  
1"=4' VERT.



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
PATH PROFILE  
STA. 6+00 TO STA. 12+00

Project No.  
2075136601



Drawing No.  
C-13B  
Sheet  
30 of 51



v:\2075\active\2075136601\design\drawing\136601 c-13

2020.07.01 2:03:57 PM

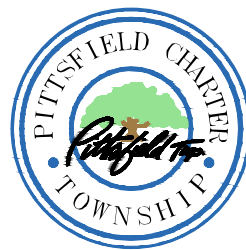


Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
CONSTRUCTION PLAN  
STA. 6+00 TO STA. 12+00

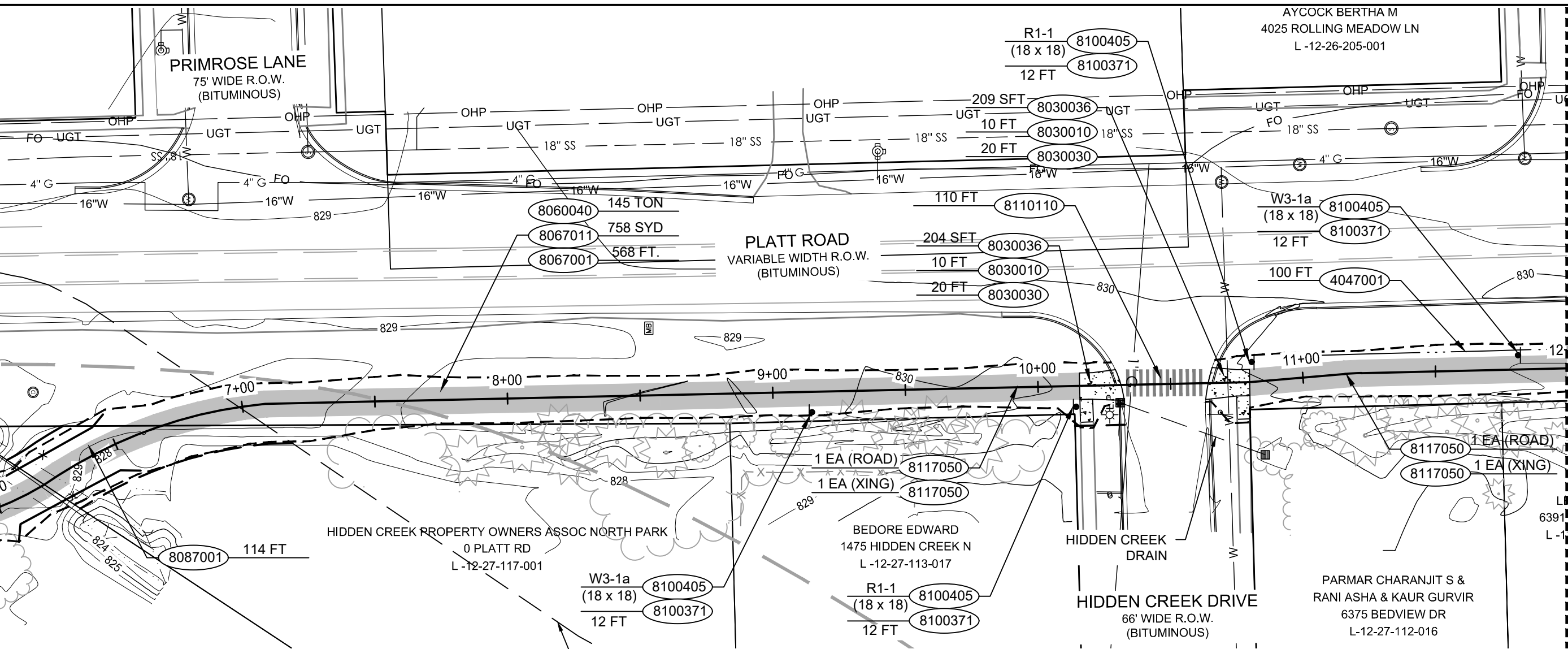
Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-13A  
Sheet  
29 of 51

MATCHLINE - SEE DRAWING C-12A

MATCHLINE - SEE DRAWING C-14A



### CONSTRUCTION PLAN

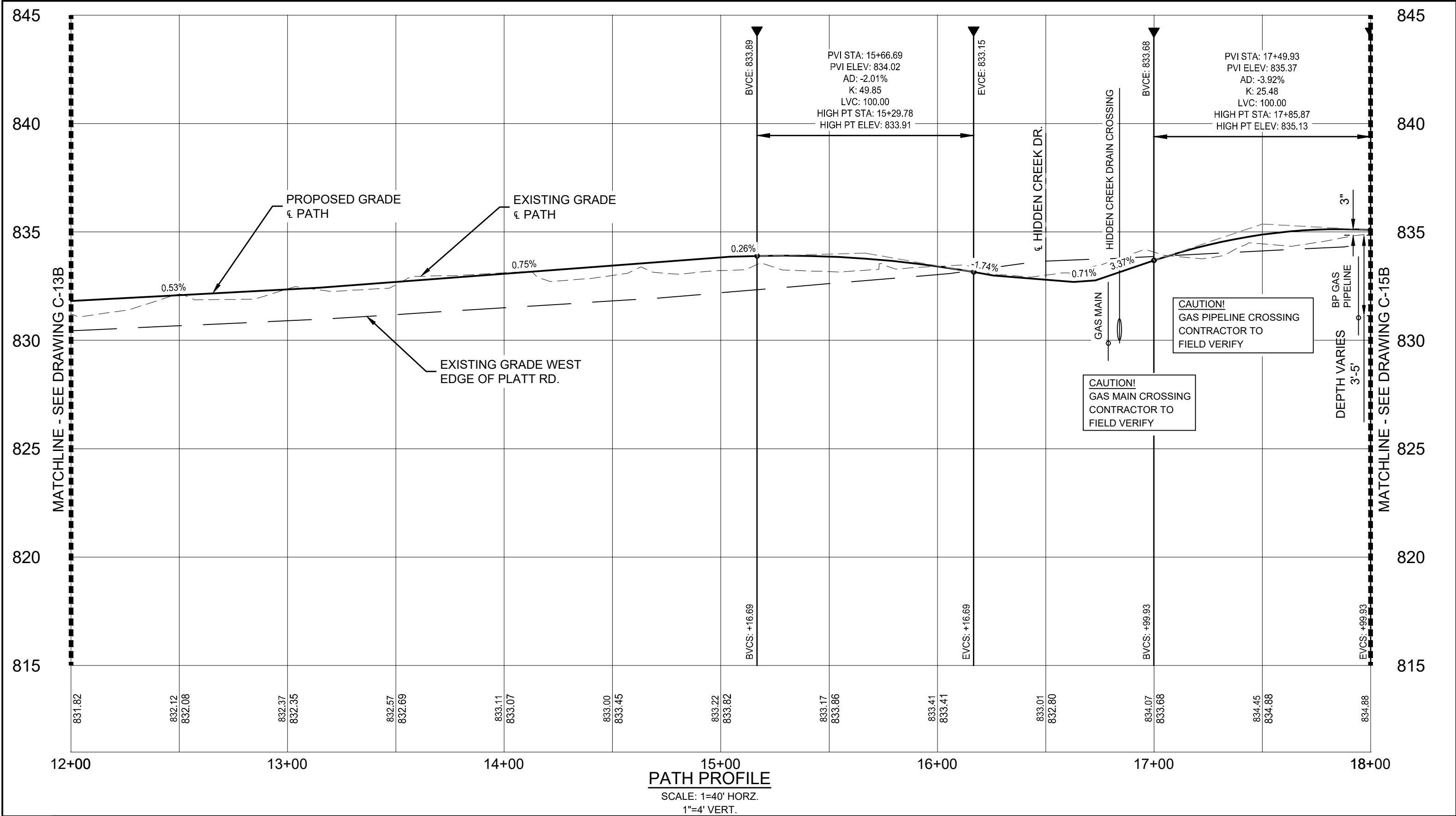
KOCH-WARNER DRAIN EASEMENT (TYP.)

|           |                                     |
|-----------|-------------------------------------|
| ---       | INFILTRATION TRENCH                 |
| - - -     | PERMANENT EASEMENT                  |
| - x -     | PROPOSED RAILING                    |
| █         | PROPOSED 10' BITUMINOUS PATH        |
| - - - - - | PROPOSED GRADING/DISTURBANCE LIMITS |
| .....     | WETLAND LIMITS                      |

| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 4040061 | UNDERDRAIN, SUBBASE, 4 INCH                  | 80   | FT   |
| 4047001 | _INFILTRATION TRENCH                         | 200  | FT   |
| 5010025 | HAND PATCHING                                | 2    | TON  |
| 8020038 | CURB AND GUTTER, CONC, DET F4                | 40   | FT   |
| 8030010 | DETECTABLE WARNING SURFACE                   | 20   | FT   |
| 8030030 | CURB RAMP OPENING, CONC                      | 40   | FT   |
| 8030036 | SIDEWALK RAMP, CONC, 6 INCH                  | 413  | SFT  |
| 8060040 | SHARED USE PATH, HMA                         | 145  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 568  | FT   |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 758  | SYD  |
| 8087001 | _FENCE, WOVEN WIRE MESH WITH WOOD POST       | 114  | FT   |
| 8100371 | POST, STEEL, 3 LB                            | 48   | FT   |
| 8100405 | SIGN, TYPE IIIB                              | 9    | SFT  |
| 8110110 | PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK      | 110  | FT   |
| 8117050 | _PAVT MRKG, POLYUREA, ROAD, MODIFIED         | 2    | EA   |
| 8117050 | _PAVT MRKG, POLYUREA, XING, MODIFIED         | 2    | EA   |

v:\2075\active\2075136601\design\drawing\136601c-14b

2020.07.01 2:06:02 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

PITTSFIELD CHARTER TOWNSHIP

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 12+00 TO STA. 18+00

Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-14B

Sheet  
32 of 51

v:\2075\active\2075136601\design\drawing\136601c-14

2020.07.01 2:05:20 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|   |                         |     |     |            |
|---|-------------------------|-----|-----|------------|
| D | GI SUBMITTAL            | CAM | MDP | 2020.07.06 |
| C | WCRC SUBMITTAL          | CAM | MDP | 2020.06.26 |
| B | PERMIT SET              | CAM | MDP | 2020.04.24 |
| A | WCRC PRELIMINARY REVIEW | CAM | MDP | 2020.04.03 |

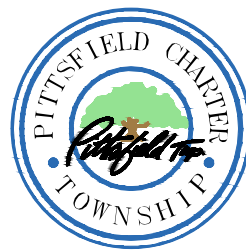
Issued By Appd YYYY.MM.DD



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
CONSTRUCTION PLAN  
STA. 12+00 TO STA. 18+00

Project No.  
2075136601

Scale  
0 40' 80'

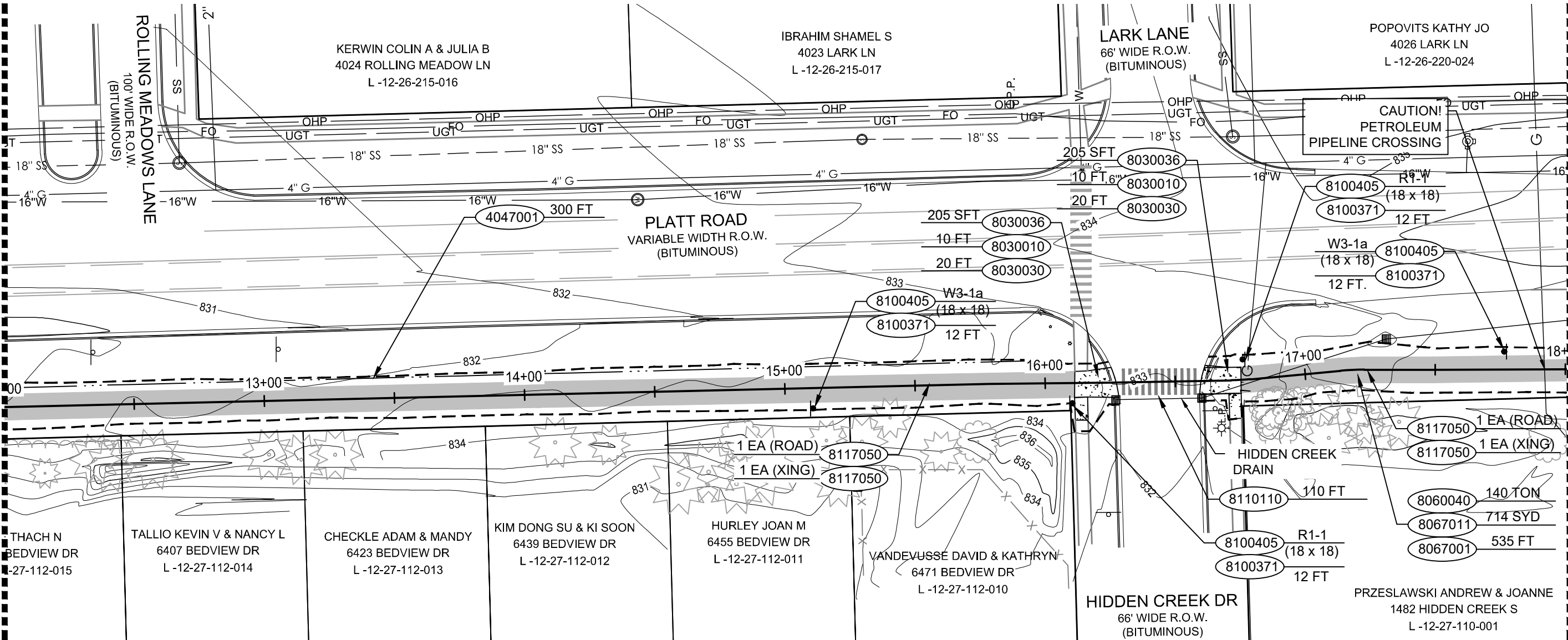
Drawing No.  
C-14A  
Sheet  
31 of 51

MATCHLINE - SEE DRAWING C-13A

MATCHLINE - SEE DRAWING C-15A

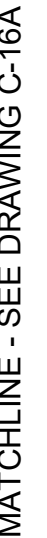
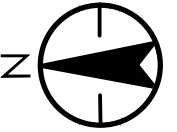
CONSTRUCTION PLAN

--- INFILTRATION TRENCH  
--- PROPOSED 10' BITUMINOUS PATH  
--- PROPOSED GRADING/DISTURBANCE LIMITS



| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 4040061 | UNDERDRAIN, SUBBASE, 4 INCH                  | 80   | FT   |
| 4047001 | _INFILTRATION TRENCH                         | 400  | FT   |
| 5010025 | HAND PATCHING                                | 2    | TON  |
| 8020038 | CURB AND GUTTER, CONC, DET F4                | 40   | FT   |
| 8030010 | DETECTABLE WARNING SURFACE                   | 20   | FT   |
| 8030030 | CURP RAMP OPENING, CONC                      | 40   | FT   |
| 8030036 | SIDEWALK RAMP, CONC, 6 INCH                  | 410  | SFT  |
| 8060040 | SHARED USE PATH, HMA                         | 144  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 535  | FT   |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 714  | SYD  |
| 8100371 | POST, STEEL, 3 LB                            | 48   | FT   |
| 8100405 | SIGN, TYPE IIIB                              | 9    | SFT  |
| 8110110 | PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK      | 110  | FT   |
| 8117050 | _PAVT MRKG, POLYUREA, ROAD, MODIFIED         | 2    | EA   |
| 8117050 | _PAVT MRKG, POLYUREA, XING, MODIFIED         | 2    | EA   |





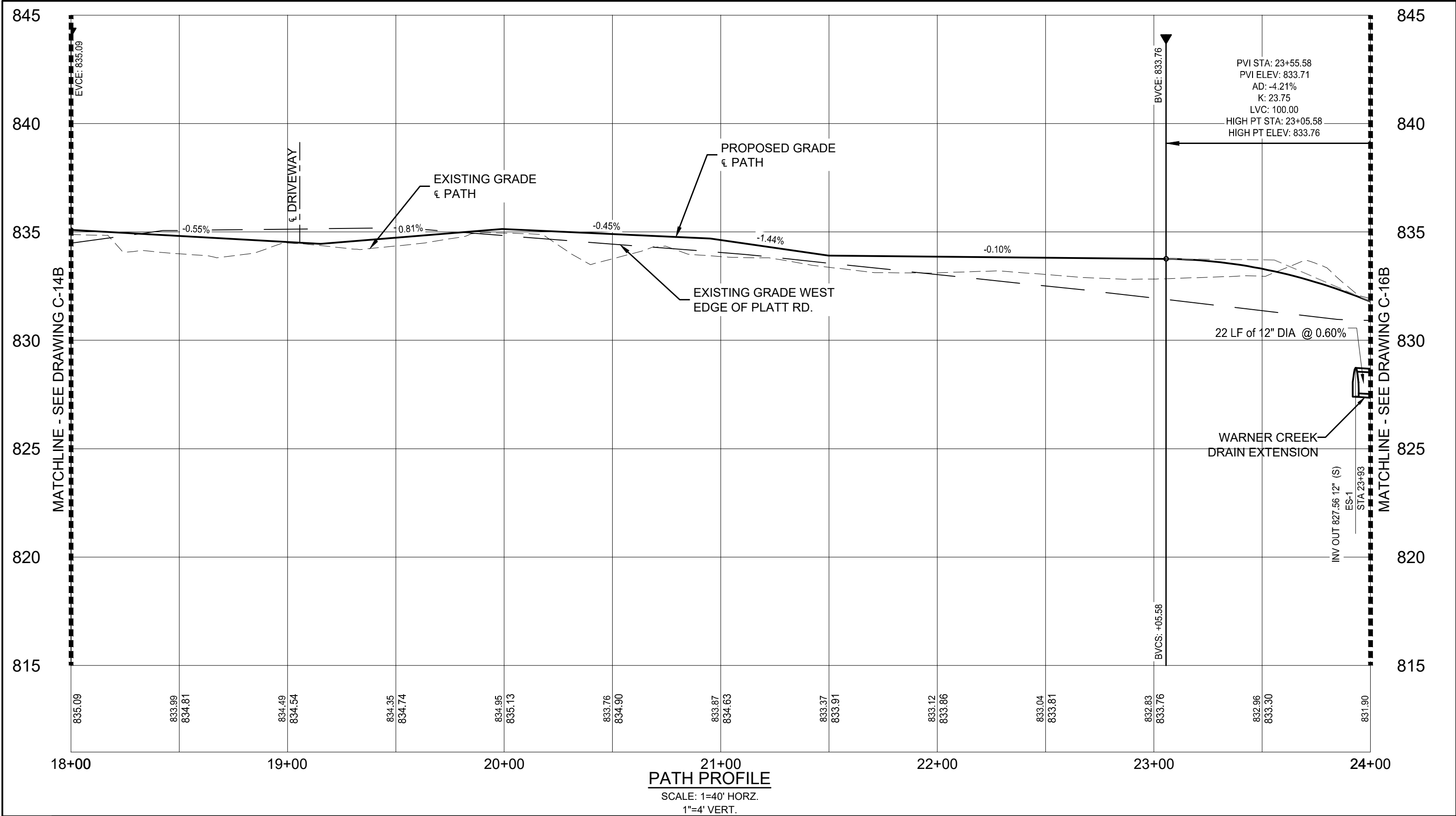
| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 4010012 | CULV, END SECTION, 12 INCH                   | 1    | EA   |
| 4010131 | CULV, CL A, 12 INCH                          | 22   | FT   |
| 8060040 | SHARED USE PATH, HMA                         | 161  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 600  | FT   |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 800  | SYD  |
| 8100371 | POST, STEEL, 3 LB                            | 48   | FT   |
| 8100405 | SIGN, TYPE IIIB                              | 9    | SFT  |
| 8117050 | _PAVT MRKG, POLYUREA, ROAD, MODIFIED         | 1    | EA   |
| 8117050 | _PAVT MRKG, POLYUREA, XING, MODIFIED         | 1    | EA   |





v:\2075\active\2075136601\design\drawing\136601 c-15b

2020.07.01 2:07:31 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

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

**NOTE:**  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

PITTSFIELD CHARTER TOWNSHIP

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 18+00 TO STA. 24+00

Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-15B

Sheet  
34 of 51

v:\2075\active\2075136601\design\drawing\136601 c-16

2020.07.01 2:08:01 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
CONSTRUCTION PLAN  
STA. 24+00 TO STA. 30+00

Project No.  
2075136601

Scale  

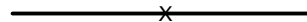

Drawing No.  
C-16

Sheet  
35 of 51

MATCHLINE - SEE DRAWING C-15A

MATCHLINE - SEE DRAWING C-17A

### CONSTRUCTION PLAN

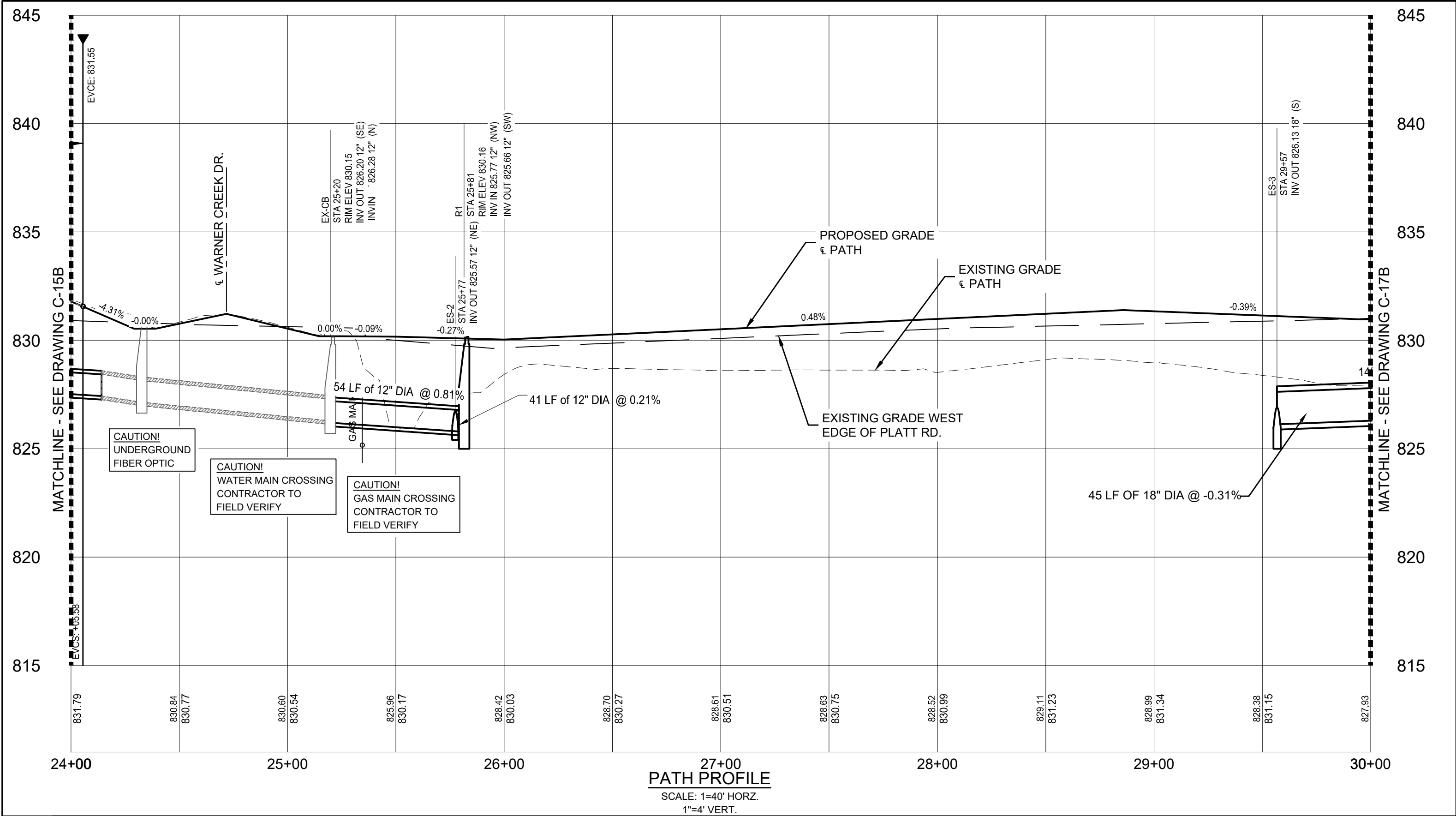
-  PROPOSED RAILING
-  PROPOSED 10' BITUMINOUS PATH
-  PROPOSED GRADING/DISTURBANCE LIMITS
-  WETLAND LIMITS

| #       | DESCRIPTION                                           | QNTY | UNIT |
|---------|-------------------------------------------------------|------|------|
| 3067011 | AGGREGATE BASE, 8 INCH, MODIFIED                      | 253  | SYD  |
| 4010012 | CULV, END SECTION, 12 INCH                            | 1    | EA   |
| 4010018 | CULV, END SECTION, 18 INCH                            | 1    | EA   |
| 4010131 | CULV, CL A, 12 INCH                                   | 100  | FT   |
| 4010133 | CULV, CL A, 18 INCH                                   | 45   | FT   |
| 4030045 | DR STRUCTURE COVER, TYPE J                            | 1    | EA   |
| 4030210 | DR STRUCTURE, 48 INCH DIA                             | 1    | EA   |
| 4030312 | DR STRUCTURE, TAP, 12 INCH                            | 1    | EA   |
| 4040061 | UNDERDRAIN, SUBBASE, 4 INCH                           | 440  | FT   |
| 4040111 | UNDERDRAIN, OUTLET ENDING, 4 INCH, WITH RODENT SCREEN | 2    | EA   |
| 5010025 | HAND PATCHING                                         | 2    | TON  |
| 5010044 | HMA, 3E1                                              | 16   | TON  |
| 5010056 | HMA, 5E1                                              | 24   | TON  |
| 8020016 | CURB AND GUTTER, CONC, DET B2                         | 400  | FT   |

| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 8030010 | DETECTABLE WARNING SURFACE                   | 20   | FT   |
| 8030030 | CURB RAMP OPENING, CONC                      | 40   | FT   |
| 8030036 | SIDEWALK RAMP, CONC, 6 INCH                  | 678  | SFT  |
| 8060040 | SHARED USE PATH, HMA                         | 130  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 525  | FT   |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 700  | SYD  |
| 8087001 | _FENCE, WOVEN WIRE MESH WITH WOOD POST       | 350  | FT   |
| 8100371 | POST, STEEL, 3 LB                            | 48   | FT   |
| 8100405 | SIGN, TYPE IIIB                              | 9    | SFT  |
| 8110110 | PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK      | 250  | FT   |
| 8117050 | _PAVT MRKG, POLYUREA, ROAD, MODIFIED         | 1    | EA   |
| 8117050 | _PAVT MRKG, POLYUREA, XING, MODIFIED         | 1    | EA   |
| 8130010 | RIPRAP, PLAIN                                | 3    | SYD  |

v:\2075\active\2075136601\design\drawing\136601 c-16b

2020.07.01 2:08:54 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 24+00 TO STA. 30+00

Project No.  
2075136601

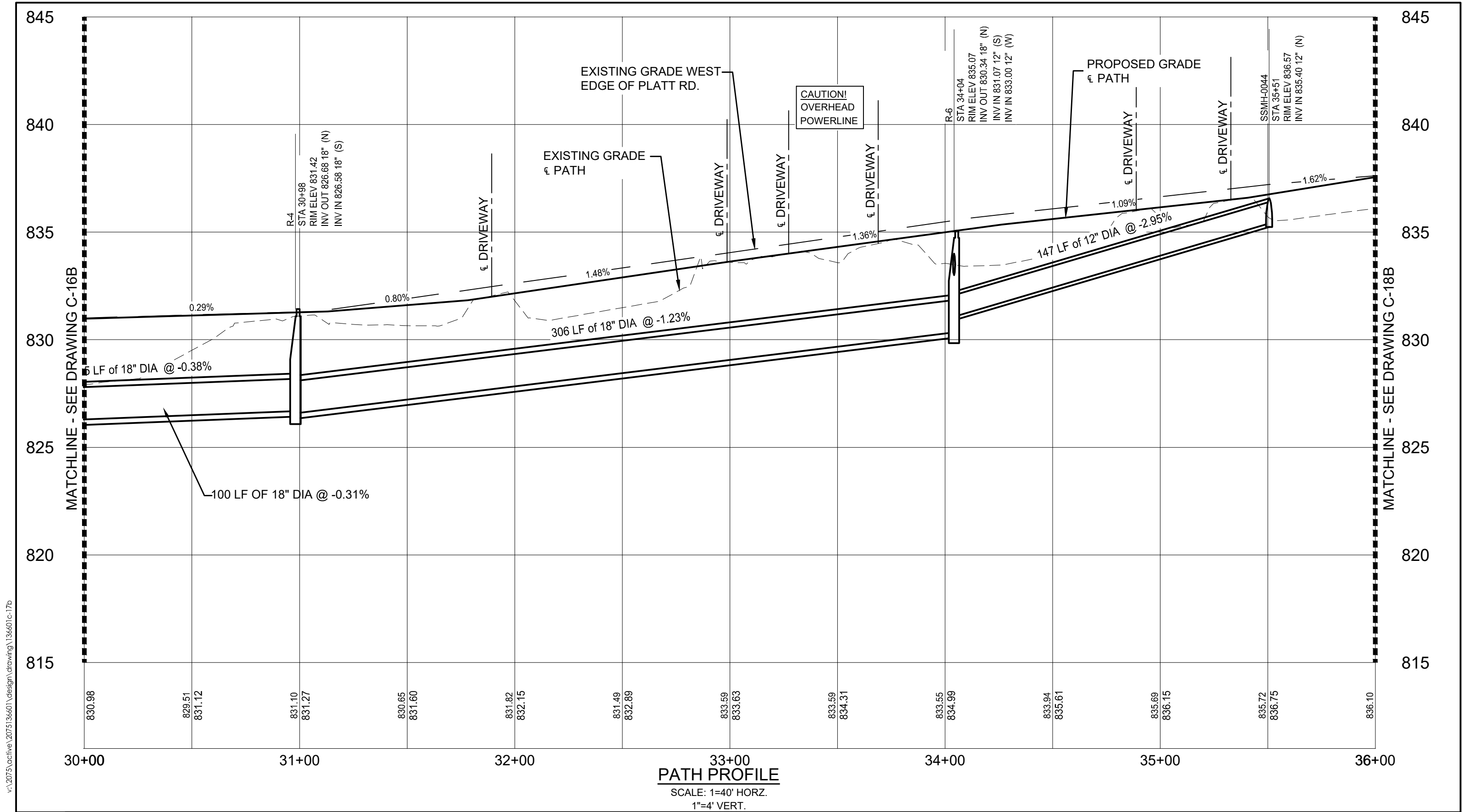
Scale  
0 40' 80'

Drawing No.  
C-16B

Sheet  
36 of 51







Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
[www.stantec.com](http://www.stantec.com)

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



**NOTE:**

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 30+00 TO STA. 36+00

Project No.  
2075136601

Scale

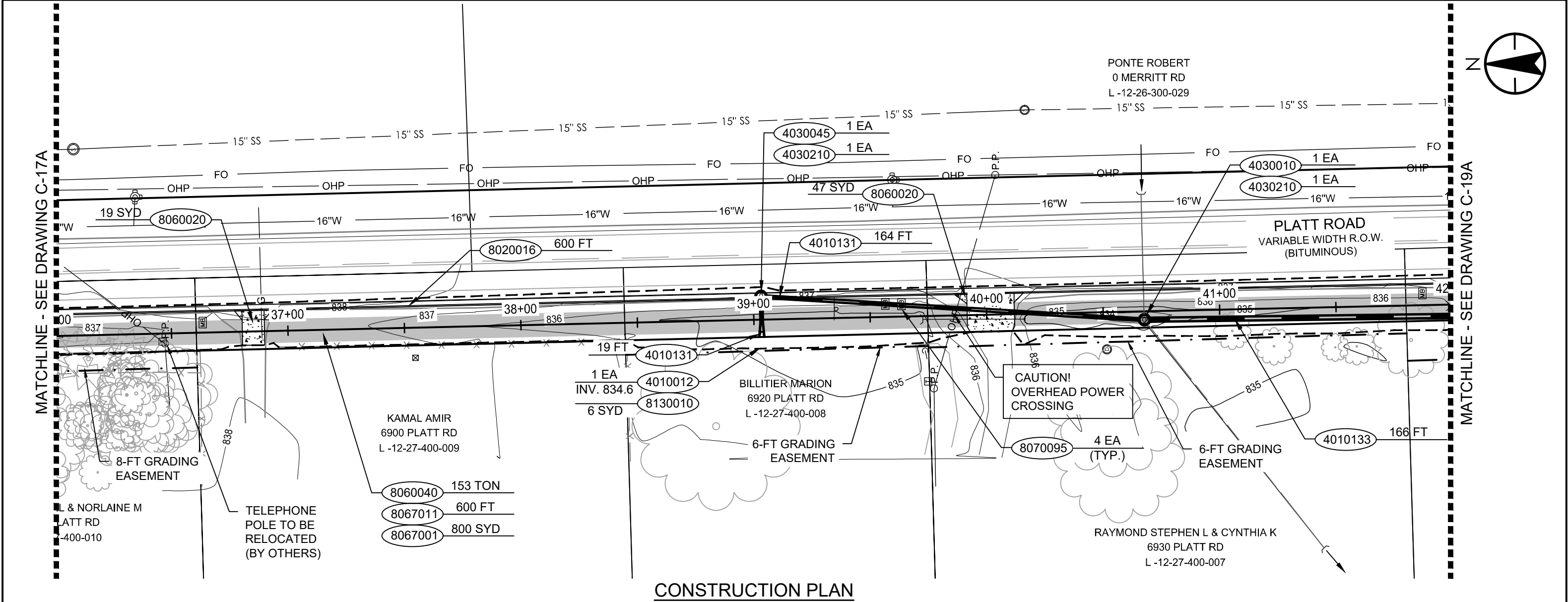
0 40' 80'

A horizontal scale bar with markings at 0, 40, and 80 feet. The bar is divided into segments by vertical lines. The first segment from 0 to 40 is shaded black. The second segment from 40 to 80 is white. The third segment from 80 to the end is shaded black. The markings are labeled '0', '40'', and '80'' above the bar.

|                      |                   |
|----------------------|-------------------|
| Drawing No.<br>C-17B | Sheet<br>38 of 51 |
|----------------------|-------------------|

v:\2075\active\2075136601\design\drawing\136601 c-18

2020.07.01 2:10:52 PM



CONSTRUCTION PLAN

- GRADING EASEMENT
- PROPOSED 10' BITUMINOUS PATH
- PROPOSED GRADING/DISTURBANCE LIMITS

| #       | DESCRIPTION                                           | QNTY | UNIT |
|---------|-------------------------------------------------------|------|------|
| 4010012 | CULV, END SECTION, 12 INCH                            | 1    | EA   |
| 4010131 | CULV, CL A, 12 INCH                                   | 183  | FT   |
| 4010133 | CULV, CL A, 18 INCH                                   | 166  | FT   |
| 4030010 | DR STRUCTURE COVER, TYPE B                            | 1    | EA   |
| 4030045 | DR STRUCTURE COVER, TYPE J                            | 1    | EA   |
| 4030210 | DR STRUCTURE, 48 INCH DIA                             | 2    | EA   |
| 4040061 | UNDERDRAIN, SUBBASE, 4 INCH                           | 600  | FT   |
| 4040111 | UNDERDRAIN, OUTLET ENDING, 4 INCH, WITH RODENT SCREEN | 600  | FT   |

| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 8020016 | CURB AND GUTTER, CONC, DET B2                | 600  | FT   |
| 8020050 | DRIVEWAY OPENING, CONC, DET M                | 50   | FT   |
| 8060020 | SHARED USE PATH, CONC                        | 66   | SYD  |
| 8060040 | SHARED USE PATH, HMA                         | 153  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 600  | FT   |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 800  | SYD  |
| 8070095 | POST, MAILBOX                                | 4    | EA   |
| 8130010 | RIPRAP, PLAIN                                | 6    | SYD  |



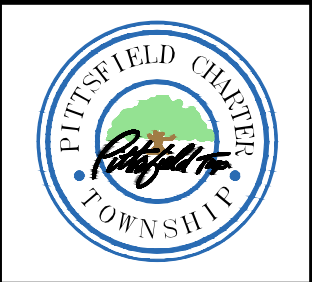
Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
CONSTRUCTION PLAN  
STA. 36+00 TO STA. 42+00

Project No.  
2075136601

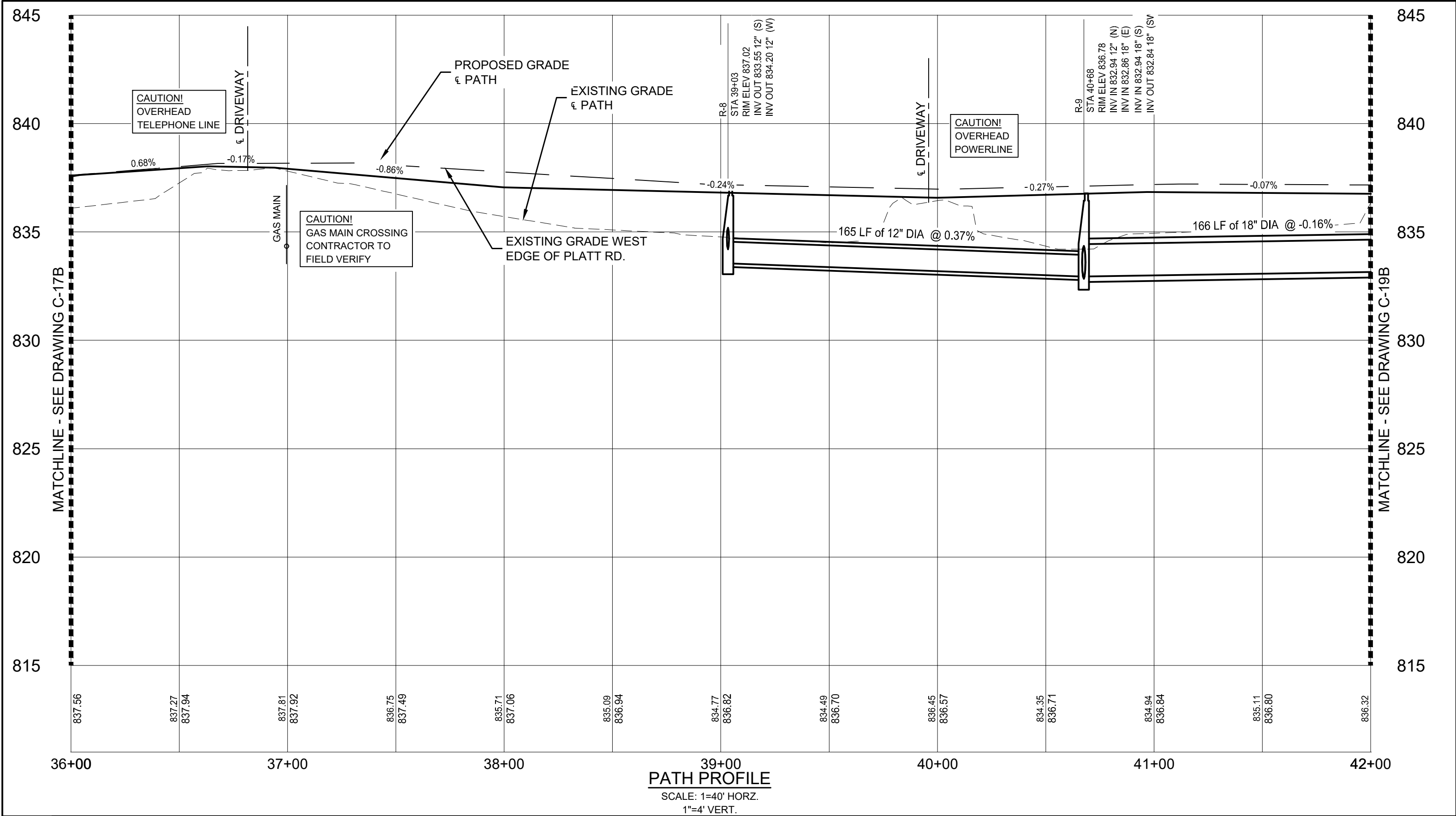
Scale  
0 40' 80'

Drawing No.  
C-18A

Sheet  
39 of 51

v:\2075\active\2075136601\design\drawing\136601 c-18b

2020.07.01 2:11:39 PM



**PATH PROFILE**  
SCALE: 1=40' HORZ.  
1"=4' VERT.

Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

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

**NOTE:**  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

PITTSFIELD CHARTER TOWNSHIP

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

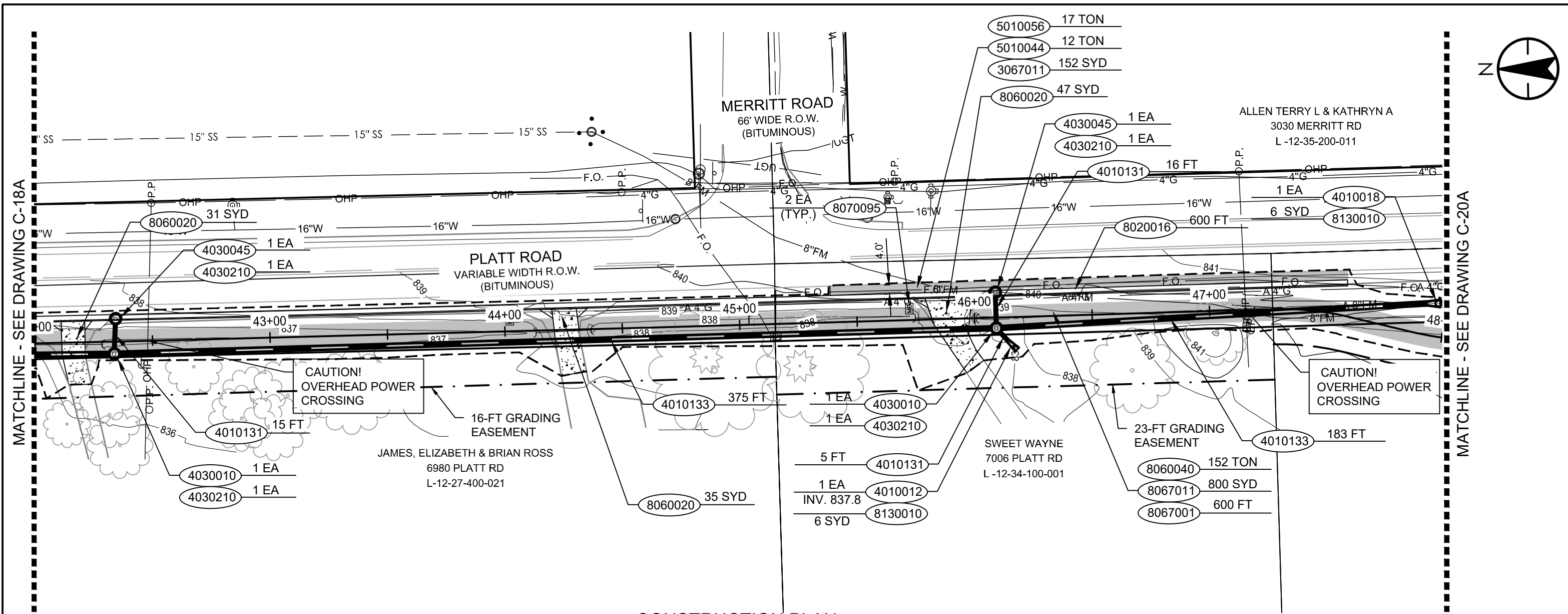
Title  
PATH PROFILE  
STA. 36+00 TO STA. 42+00

Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-18B

Sheet  
40 of 51



CONSTRUCTION PLAN

- GRADING EASEMENT
- PERMANENT EASEMENT
- PROPOSED 10' BITUMINOUS PATH
- PROPOSED GRADING/DISTURBANCE LIMITS

| #        | DESCRIPTION                                           | QNTY | UNIT |
|----------|-------------------------------------------------------|------|------|
| 3067011  | AGGREGATE BASE, 8 INCH, MODIFIED                      | 152  | SYD  |
| 4010012  | CULV, END SECTION, 12 INCH                            | 1    | EA   |
| 4010018  | CULV, END SECTION, 18 INCH                            | 1    | EA   |
| 4010131  | CULV, CL A, 12 INCH                                   | 36   | FT   |
| 4010133  | CULV, CL A, 18 INCH                                   | 558  | FT   |
| 4030010  | DR STRUCTURE COVER, TYPE B                            | 2    | EA   |
| 4030045  | DR STRUCTURE COVER, TYPE J                            | 2    | EA   |
| 4030210  | DR STRUCTURE, 48 INCH DIA                             | 4    | EA   |
| 4040061  | UNDERDRAIN, SUBBASE, 4 INCH                           | 600  | FT   |
| 40400111 | UNDERDRAIN, OUTLET ENDING, 4 INCH, WITH RODENT SCREEN | 2    | EA   |

| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 5010044 | HMA, 3E1                                     | 12   | TON  |
| 5010056 | HMA, 5E1                                     | 17   | TON  |
| 8020016 | CURB AND GUTTER CONC, DET B2                 | 600  | FT   |
| 8020050 | DRIVEWAY OPENING, CONC, DET M                | 70   | FT   |
| 8060020 | SHARED USE PATH, CONC                        | 113  | SYD  |
| 8060040 | SHARED USE PATH, HMA                         | 152  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 600  | FT   |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 800  | SYD  |
| 8070095 | POST, MAILBOX                                | 4    | EA   |
| 8130010 | RIPRAP, PLAIN                                | 12   | SYD  |

v:\2075\active\2075136601\design\drawing\136601c-19

Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
CONSTRUCTION PLAN  
STA. 42+00 TO STA. 48+00

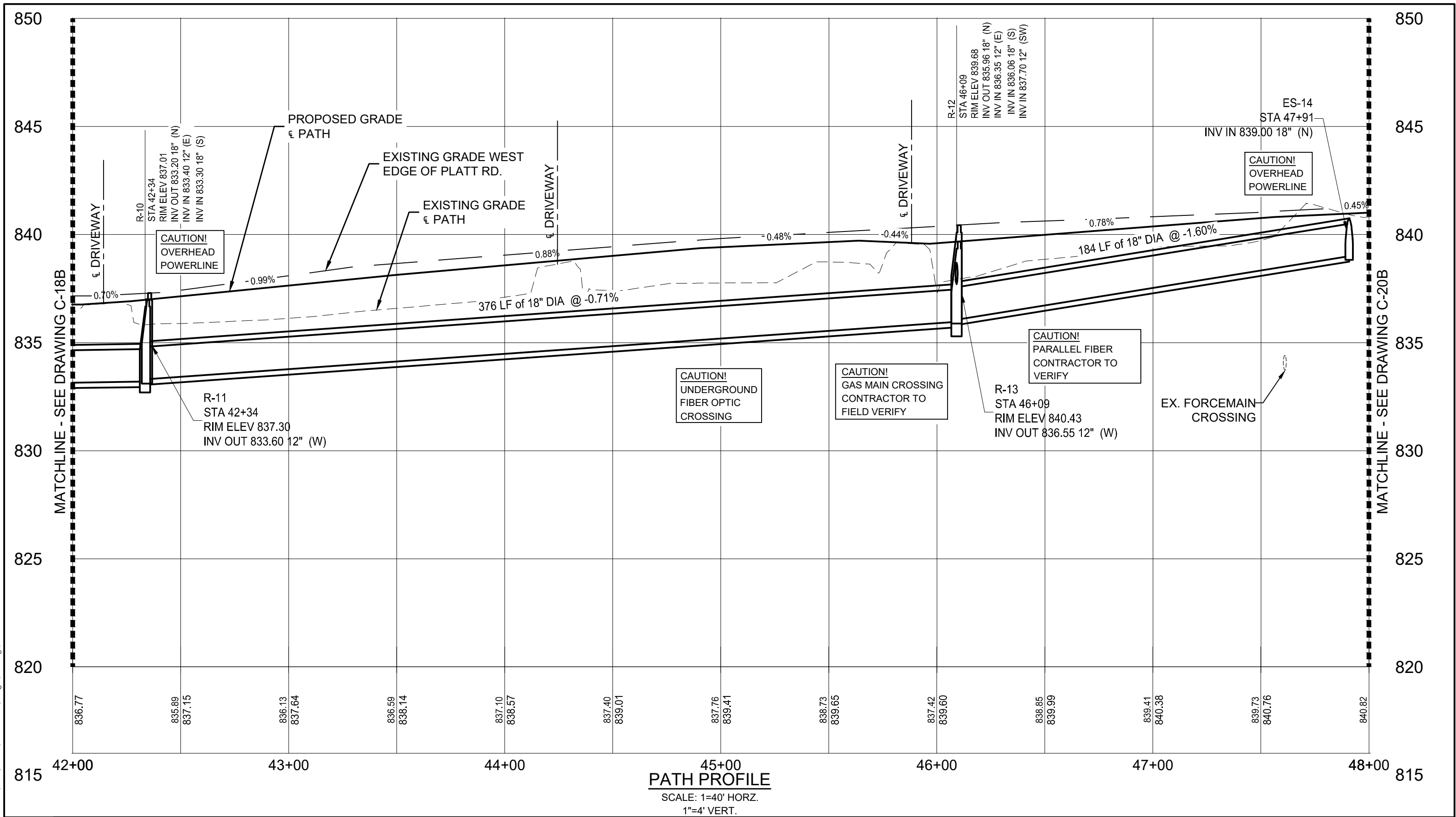
Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-19A

Sheet  
41 of 51

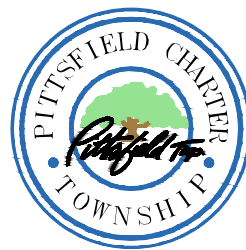




|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



NOTE:



v:\2075\active\2075136601\design\drawing\136601 c-20

2020.07.01 2:14:01 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|   |                         |     |     |            |
|---|-------------------------|-----|-----|------------|
| D | GI SUBMITTAL            | CAM | MDP | 2020.07.06 |
| C | WCRC SUBMITTAL          | CAM | MDP | 2020.06.26 |
| B | PERMIT SET              | CAM | MDP | 2020.04.24 |
| A | WCRC PRELIMINARY REVIEW | CAM | MDP | 2020.04.03 |

|        |    |      |            |
|--------|----|------|------------|
| Issued | By | Appd | YYYY.MM.DD |
|--------|----|------|------------|

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
CONSTRUCTION PLAN  
STA. 48+00 TO STA. 54+00

Project No.  
2075136601

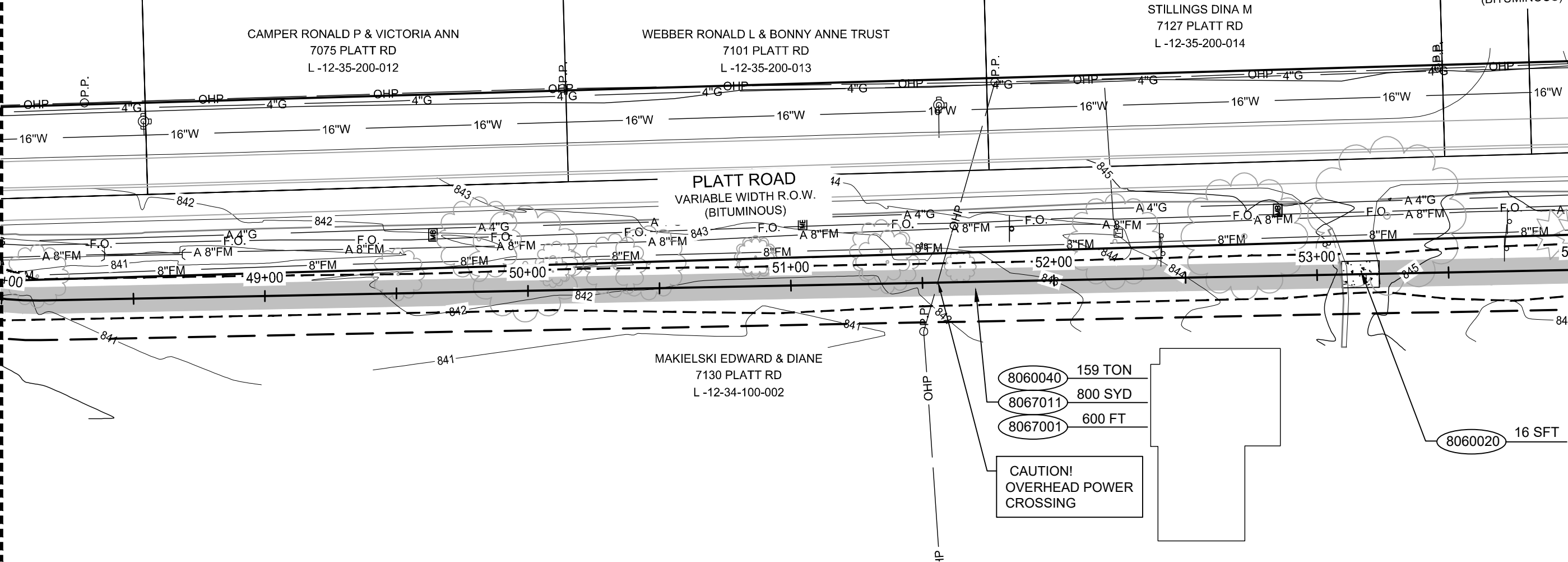
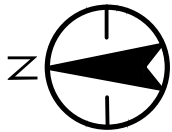


Drawing No.  
C-20A

Sheet  
43 of 51

MATCHLINE - SEE DRAWING C-19A

MATCHLINE - SEE DRAWING C-21A



CONSTRUCTION PLAN

| #       | DESCRIPTION                                  | QNTY | UNIT |
|---------|----------------------------------------------|------|------|
| 8060020 | SHARED USE PATH, CONC                        | 16   | SYD  |
| 8060040 | SHARED USE PATH, HMA                         | 159  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 600  | SYD  |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 800  | SYD  |

8060040 159 TON

8067011 800 SYD

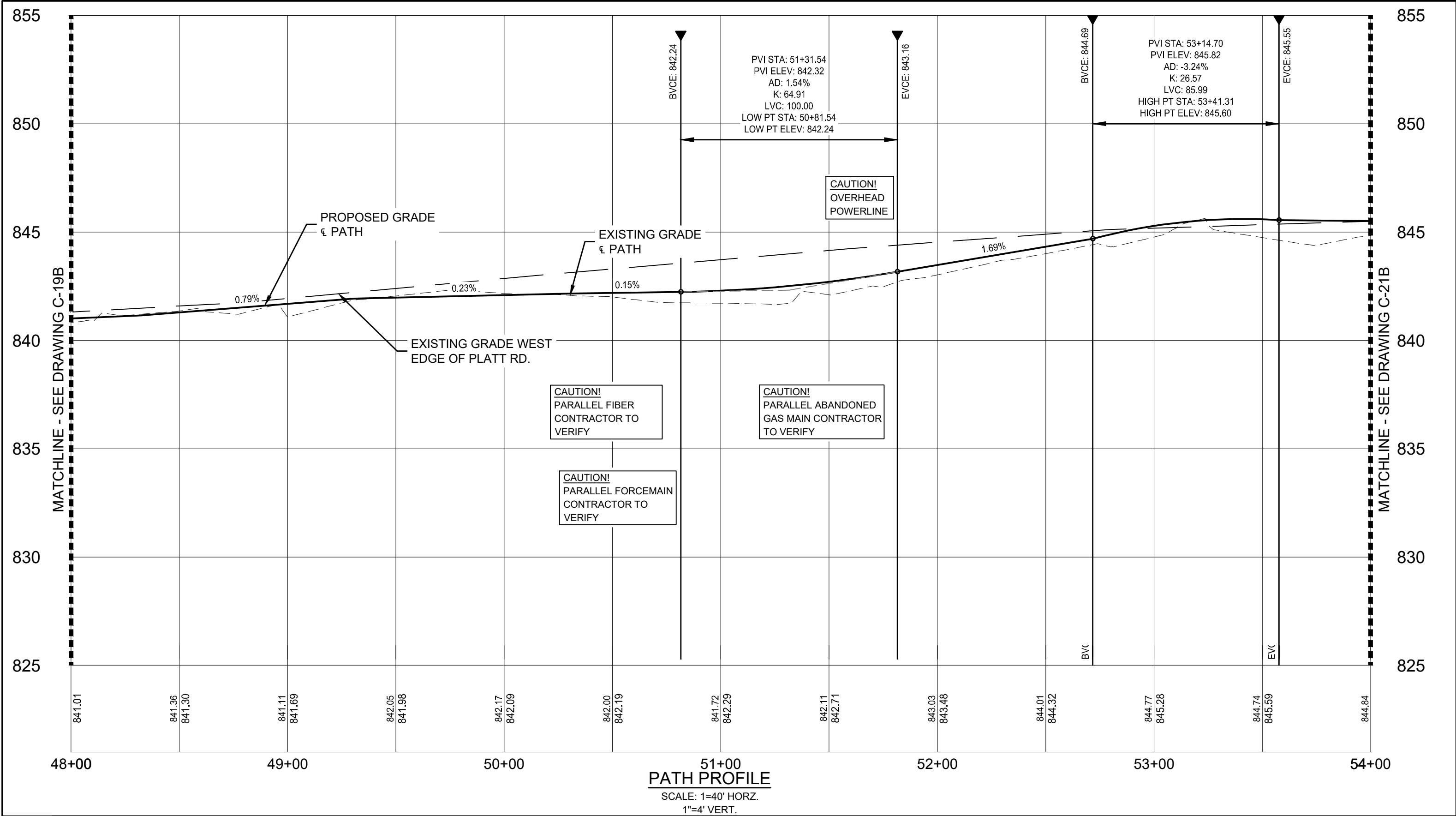
8067001 600 FT

CAUTION!  
OVERHEAD POWER  
CROSSING

8060020 16 SFT

v:\2075\active\2075136601\design\drawing\136601 c-20b

2020.07.01 2:14:49 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

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

**NOTE:**

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

PITTSFIELD CHARTER TOWNSHIP

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 48+00 TO STA. 54+00

Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-20B

Sheet  
44 of 51

v:\2075\active\2075136601\design\drawing\136601 c-21

2020.07.01 2:15:23 PM



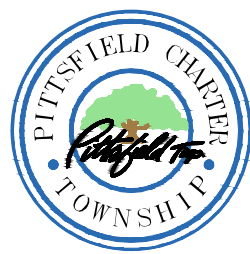
Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



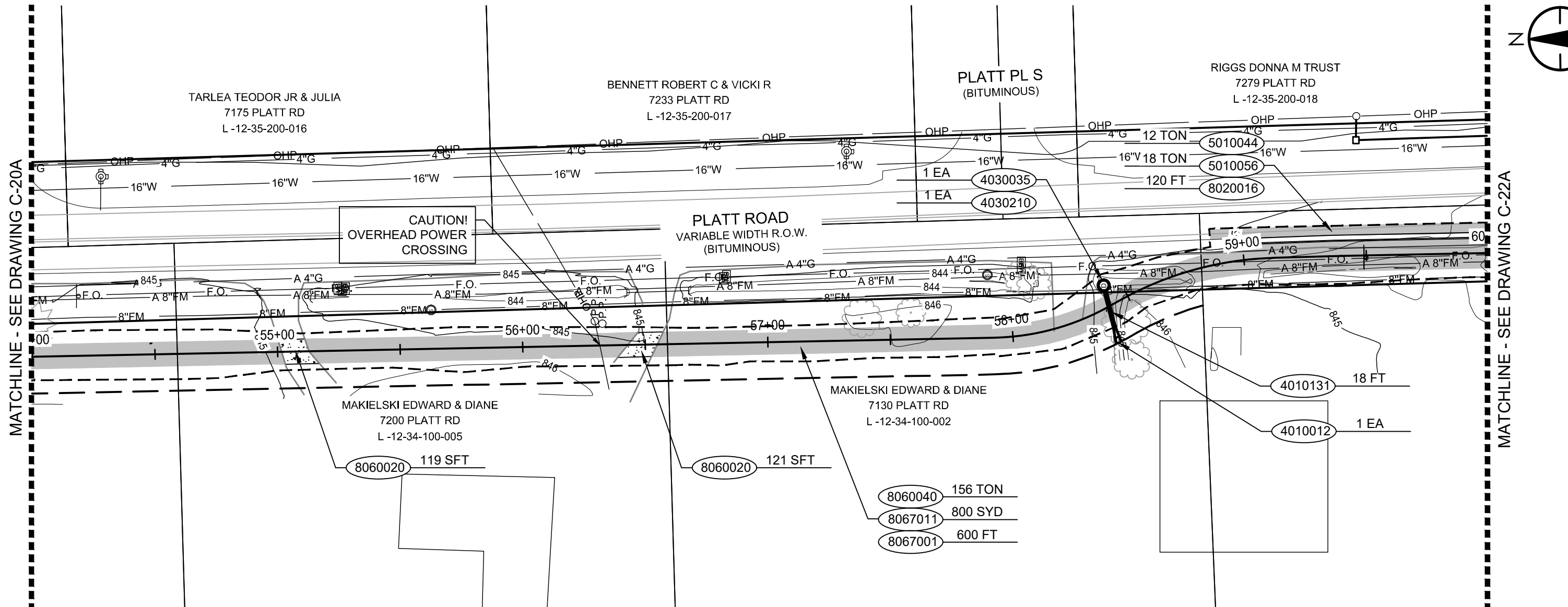
Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
CONSTRUCTION PLAN  
STA. 54+00 TO STA. 60+00

Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-21A

Sheet  
45 of 51



CONSTRUCTION PLAN

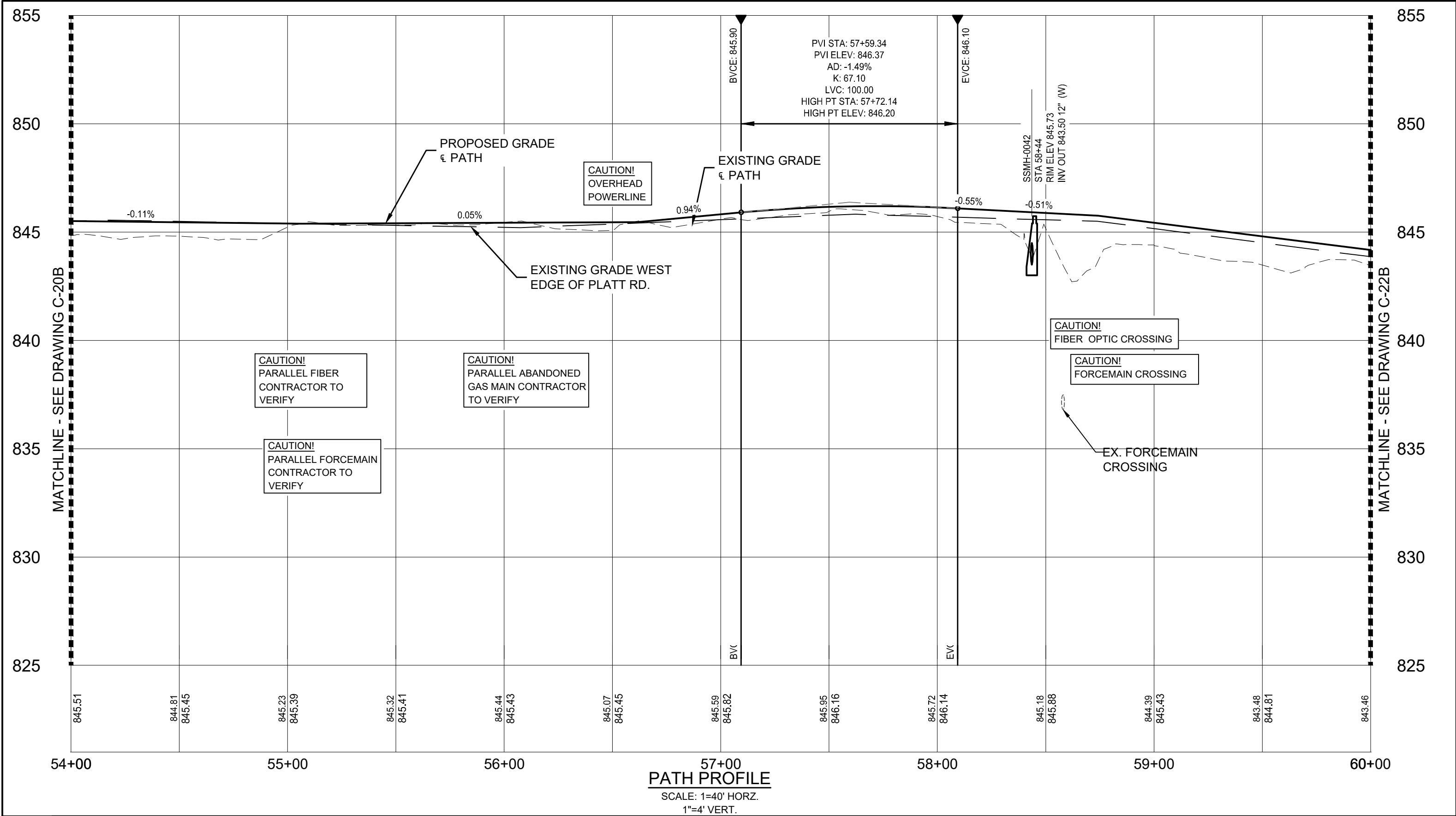
- PERMANENT EASEMENT
- PROPOSED 10' BITUMINOUS PATH
- PROPOSED GRADING/DISTURBANCE LIMITS

| #       | DESCRIPTION                                           | QNTY | UNIT |
|---------|-------------------------------------------------------|------|------|
| 4010012 | CULV, END SECTION, 12 INCH                            | 1    | EA   |
| 4010131 | CULV, CL A, 12 INCH                                   | 47   | FT   |
| 4030035 | DR STRUCTURE COVER, TYPE E                            | 1    | EA   |
| 4030210 | DR STRUCTURE, 48 INCH DIA                             | 1    | EA   |
| 4040061 | UNDERDRAIN, SUBBASE, 4 INCH                           | 120  | FT   |
| 4040111 | UNDERDRAIN, OUTLET ENDING, 4 INCH, WITH RODENT SCREEN | 120  | FT   |
| 5010044 | HMA, 3E1                                              | 12   | TON  |
| 5010056 | HMA, 5E1                                              | 18   | TON  |
| 8020016 | CURB AND GUTTER, CONC, DET B2                         | 120  | FT   |
| 8060020 | SHARED USE PATH, CONC                                 | 28   | SYD  |
| 8060040 | SHARED USE PATH, HMA                                  | 156  | TON  |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL                    | 600  | FT   |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED          | 800  | SYD  |



v:\2075\active\2075136601\design\drawing\136601c-21b

2020.07.01 2:16:15 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

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

**NOTE:**  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.

PITTSFIELD CHARTER TOWNSHIP

Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 54+00 TO STA. 60+00

Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-21B

Sheet  
46 of 51

v:\2075\active\2075136601\design\drawing\136601 c-22

2020.07.01 2:16:51 PM



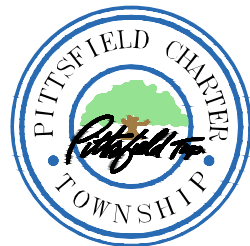
Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
CONSTRUCTION PLAN  
STA. 60+00 TO STA. 68+12

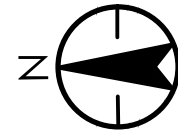
Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-22A

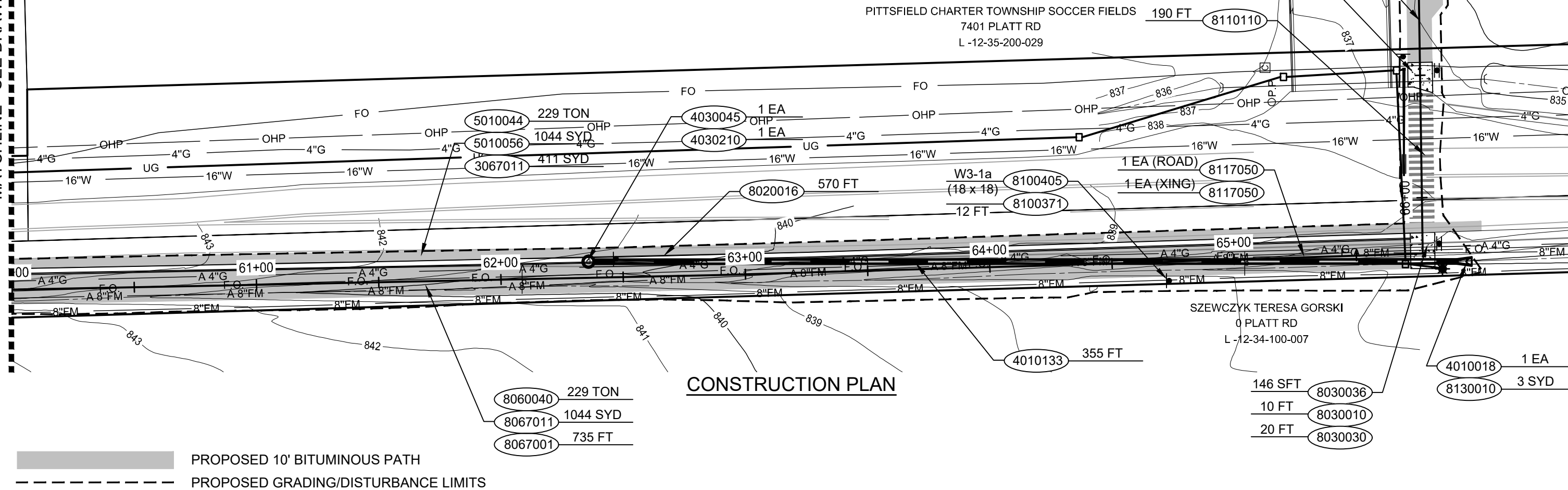
Sheet  
47 of 51

MATCHLINE - SEE DRAWING C-21A



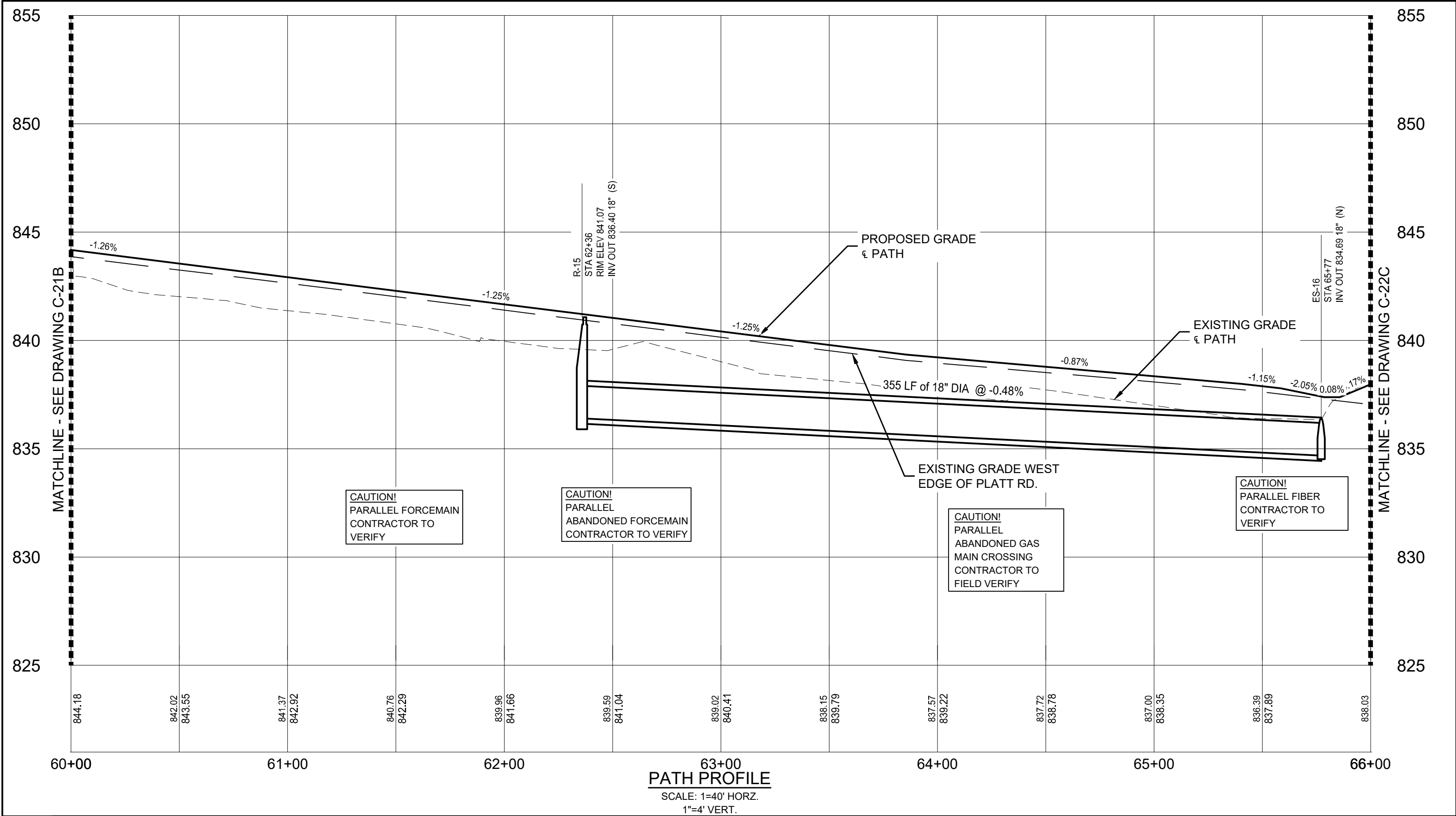
| #       | DESCRIPTION                                           | QNTY | UNIT |
|---------|-------------------------------------------------------|------|------|
| 3067011 | AGGREGATE BASE, 8 INCH, MODIFIED                      | 411  | SYD  |
| 4010018 | CULV, END SECTION, 18 INCH                            | 1    | EA   |
| 4010133 | CULV, CL A, 18 INCH                                   | 355  | FT   |
| 4030045 | DR STRUCTURE COVER, TYPE J                            | 1    | EA   |
| 4030210 | DR STRUCTURE, 48 INCH DIA                             | 1    | EA   |
| 4040061 | UNDERDRAIN, SUBBASE, 4 INCH                           | 570  | FT   |
| 4040111 | UNDERDRAIN, OUTLET ENDING, 4 INCH, WITH RODENT SCREEN | 1    | EA   |
| 5010025 | HAND PATCHING                                         | 3    | TON  |
| 5010044 | HMA, 3E1                                              | 31   | TON  |
| 5010056 | HMA, 5E1                                              | 46   | TON  |
| 8020016 | CURB AND GUTTER, CONC, DET B2                         | 570  | FT   |
| 8030010 | DETECTABLE WARNING SURFACE                            | 30   | FT   |

|         |                                              |      |     |
|---------|----------------------------------------------|------|-----|
| 8030030 | CURP RAMP OPENING, CONC                      | 60   | FT  |
| 8030036 | SIDEWALK RAMP, CONC, 6 INCH                  | 407  | SFT |
| 8060040 | SHARED USE PATH, HMA                         | 229  | TON |
| 8067001 | _SHARED USE PATH, GRADING, SPECIAL           | 735  | FT  |
| 8067011 | _SHARED USE PATH, AGGREGATE, 6 INCH MODIFIED | 1044 | SYD |
| 8087050 | _BENCH                                       | 1    | EA  |
| 8087050 | _BIKE RACK                                   | 6    | EA  |
| 8087050 | _GARBAGE CAN                                 | 1    | EA  |
| 8100371 | POST, STEEL, 3 LB                            | 12   | FT  |
| 8100405 | SIGN, TYPE IIIB                              | 2.25 | SFT |
| 8110110 | PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK      | 190  | FT  |
| 8117050 | _PAVT MRKG, POLYUREA, ROAD, MODIFIED         | 2    | EA  |
| 8117050 | _PAVT MRKG, POLYUREA, XING, MODIFIED         | 2    | EA  |
| 8130010 | RIPRAP, PLAIN                                | 3    | SYD |



v:\2075\active\2075136601\design\drawing\136601 c-22b

2020.07.01 2:17:36 PM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |

Know what's below.  
Call before you dig.

NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP

Project  
PLATT ROAD GREENWAY II

Title  
PATH PROFILE  
STA. 60+00 TO STA. 66+00

Project No.  
2075136601

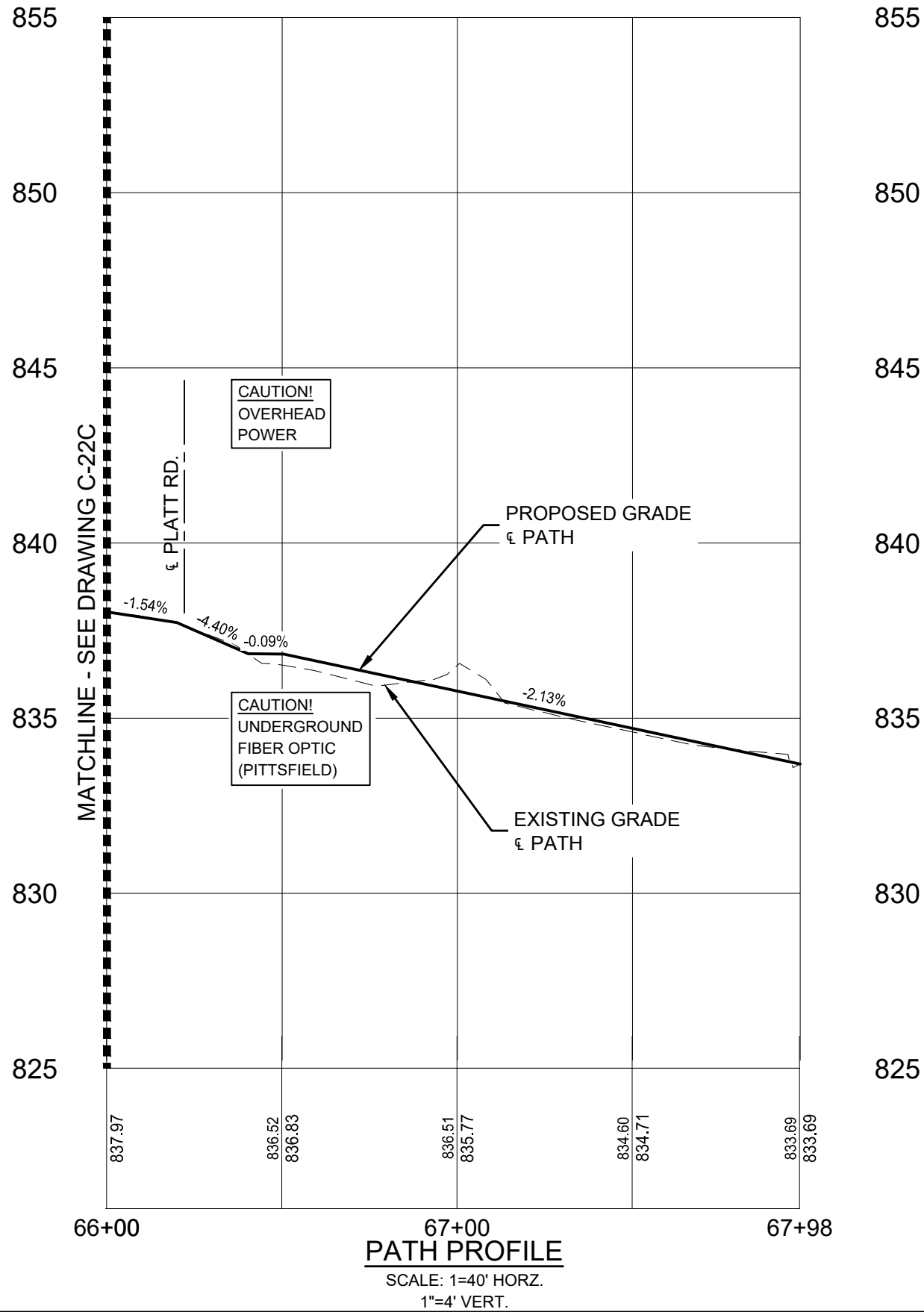
Scale  
0 40' 80'

Drawing No.  
C-22B

Sheet  
48 of 51

v:\2075\active\2075136601\design\drawing\136601 c-22c

2020.07.01 2:18:16 PM



**PATH PROFILE**  
SCALE: 1"=40' HORZ.  
1"=4' VERT.



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|        |                         |     |      |            |
|--------|-------------------------|-----|------|------------|
|        |                         |     |      |            |
|        |                         |     |      |            |
|        |                         |     |      |            |
| D      | GI SUBMITTAL            | CAM | MDP  | 2020.07.06 |
| C      | WCRC SUBMITTAL          | CAM | MDP  | 2020.06.26 |
| B      | PERMIT SET              | CAM | MDP  | 2020.04.24 |
| A      | WCRC PRELIMINARY REVIEW | CAM | MDP  | 2020.04.03 |
| Issued |                         | By  | Appd | YYYY.MM.DD |



Know what's below.  
Call before you dig.

NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
PATH PROFILE  
STA. 66+00 TO STA. 67+98

Project No.  
2075136601



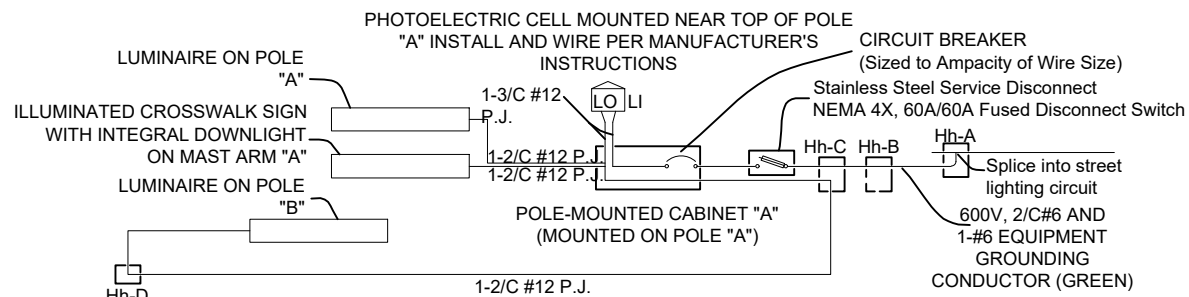
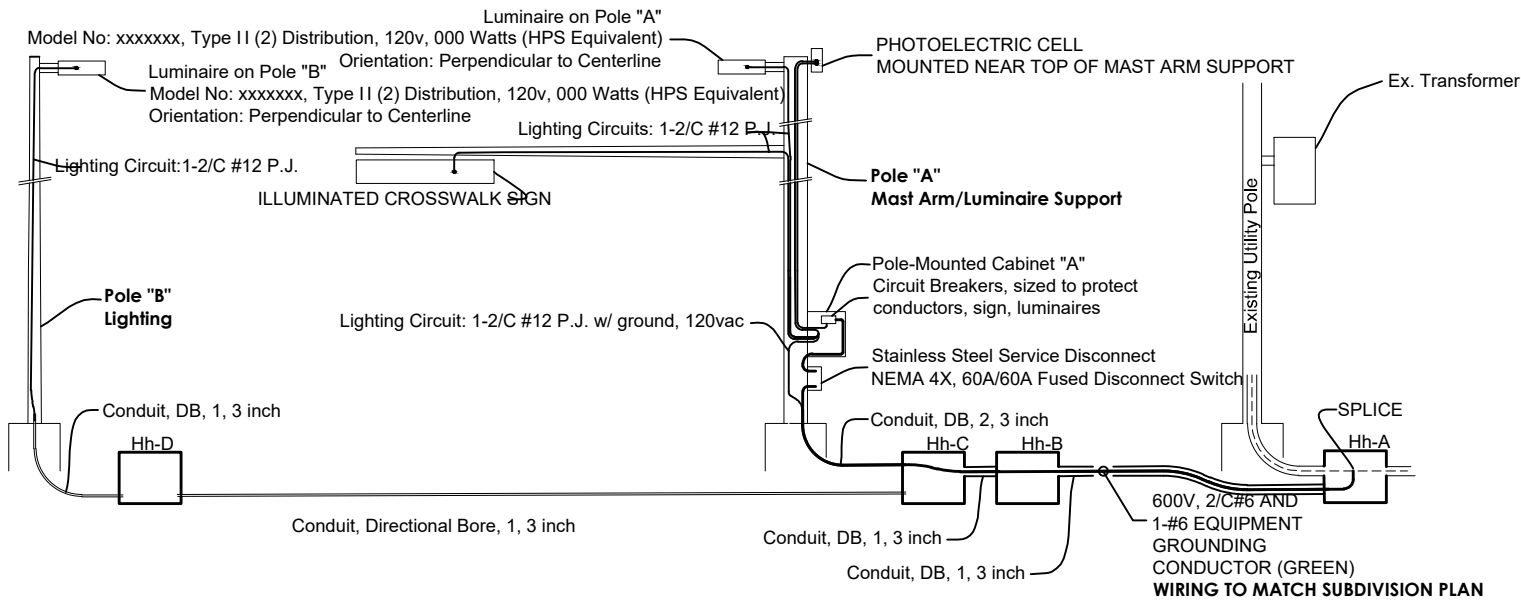
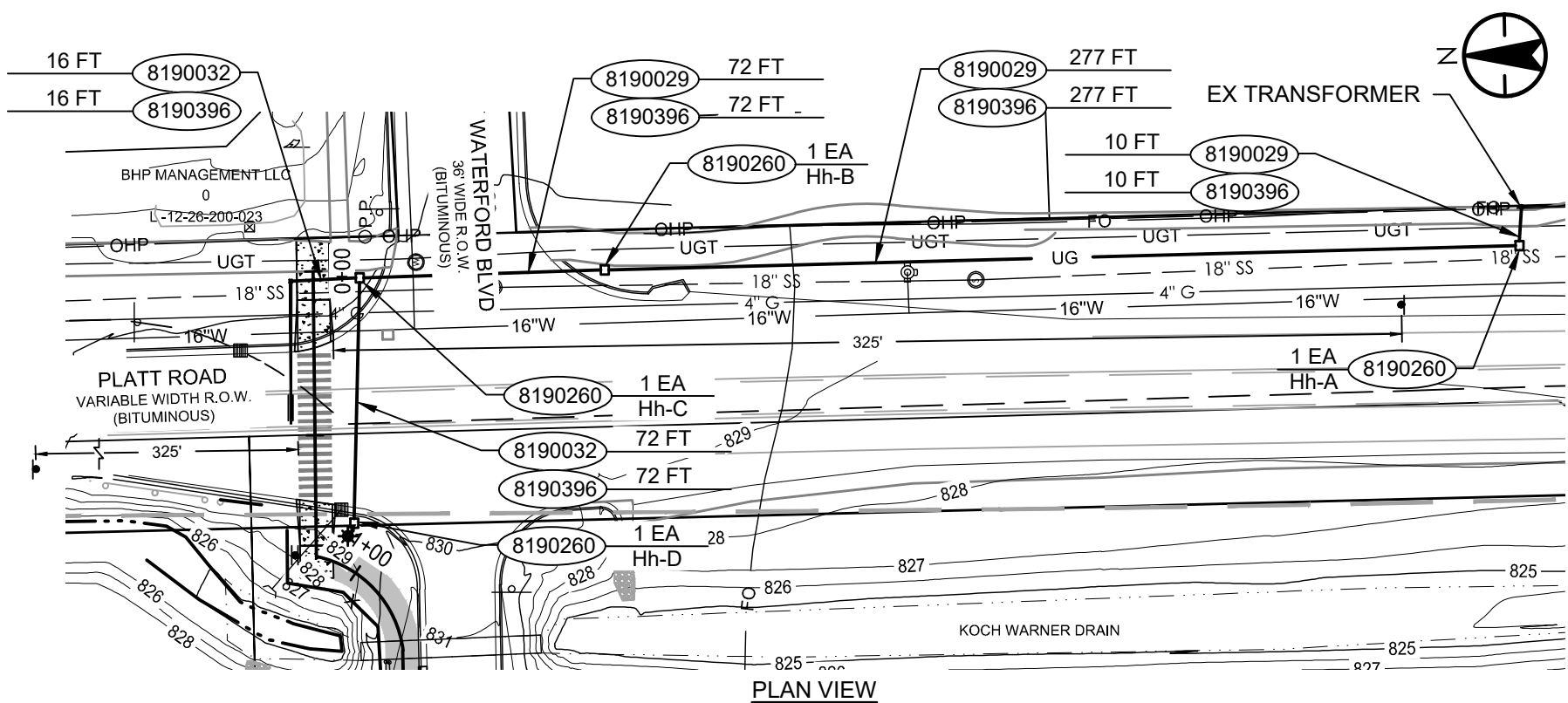
Drawing No.  
C-22C  
Sheet  
49 of 51



v:\2075\active\2075136601\design\drawing\136601c-23

2020.07.01 2:18:40 PM

| #       | DESCRIPTION                                                  | QNTY | UNIT |
|---------|--------------------------------------------------------------|------|------|
| 8100306 | MAST ARM STD FDN, CASED                                      | 20   | FT   |
| 8100371 | POST, STEEL, 3 LB                                            | 48   | FT   |
| 8100405 | SIGN, TYPE IIIB                                              | 22   | SFT  |
| 8100512 | MAST ARM POLE, CAT III, WITH LUMINAIRE ARM, BLACK            | 1    | EA   |
| 8100544 | MAST ARM, 40 FOOT, CAT III, BLACK                            | 1    | EA   |
| 8100616 | REFLECTIVE PANEL FOR PERMANENT SIGN SUPPORT, 6 FOOT YELLOW   | 4    | EA   |
| 8107050 | _SIDE POLE CABINET                                           | 1    | EA   |
| 8190029 | CONDUIT, DB, 1, 3 INCH                                       | 287  | FT   |
| 8190032 | CONDUIT, DB, 2, 3 INCH                                       | 16   | FT   |
| 8190260 | Hh, ROUND                                                    | 4    | EA   |
| 8190270 | LIGHT STD ARM, 17 FOOT                                       | 1    | EA   |
| 8190272 | LIGHT STD ARM, 30 FOOT                                       | 1    | EA   |
| 8190279 | LIGHT STD FDN                                                | 1    | EA   |
| 8190285 | LIGHT STD SHAFT, 30 FOOT OR LESS                             | 1    | EA   |
| 8190330 | LUMINAIRE                                                    | 2    | EA   |
| 8190396 | CABLE, SEC, 600V, 1, 2/C #6                                  | 375  | FT   |
| 8190489 | WOOD POLE, FIT UP, METERED SEC ELEC SERV                     | 1    | EA   |
| 8190602 | CONDUIT, DIRECTIONAL BORE, 1, 3 INCH                         | 144  | FT   |
| 8200100 | PEDESTAL, ALUM                                               | 2    | EA   |
| 8200105 | PEDESTAL, FDN                                                | 2    | EA   |
| 8200116 | POWER CO. (EST COST TO CONTRACTOR)                           | 5000 | DIR  |
| 8200135 | SERVICE DISCONNECT                                           | 1    | EA   |
| 8207050 | _PUSHBUTTON AND SIGN, MODIFIED                               | 2    | EA   |
| 8207050 | _FLSH BEACON, RECTANGULAR RAPID, SOLAR POWERED, DOUBLE SIDED | 2    | EA   |
| 8207050 | _CROSSWALK SIGN, TWO WAY, ILLUMINATED (LED)                  | 1    | EA   |



## WIRING DIAGRAM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|   |                         |     |     |            |
|---|-------------------------|-----|-----|------------|
| D | GI SUBMITTAL            | CAM | MDP | 2020.07.06 |
| C | WCRC SUBMITTAL          | CAM | MDP | 2020.06.26 |
| B | PERMIT SET              | CAM | MDP | 2020.04.24 |
| A | WCRC PRELIMINARY REVIEW | CAM | MDP | 2020.04.03 |

Issued By Appd YYYY.MM.DD



Know what's below.  
Call before you dig.

### NOTE:

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
PLATT ROAD CROSSING  
NORTH CROSSING

Project No.  
2075136601

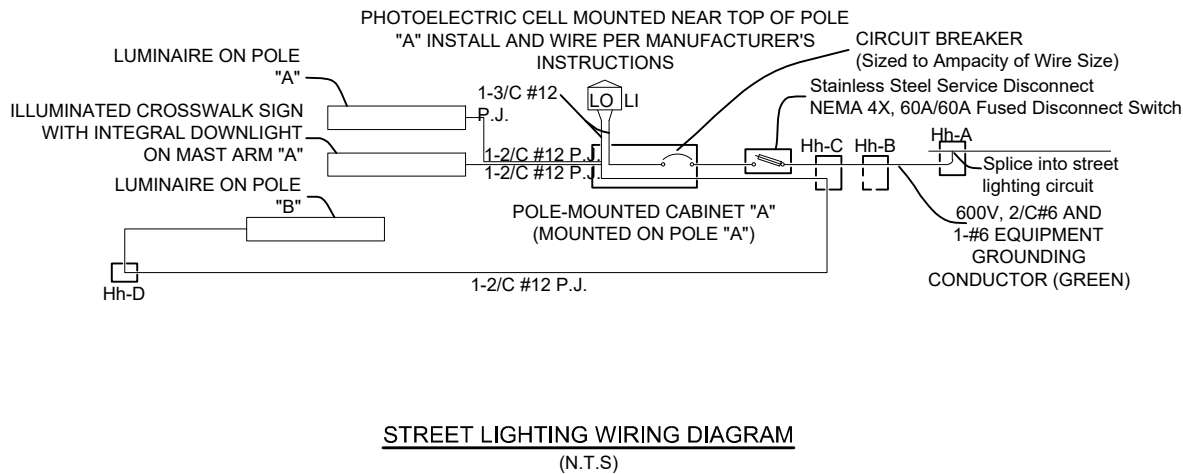
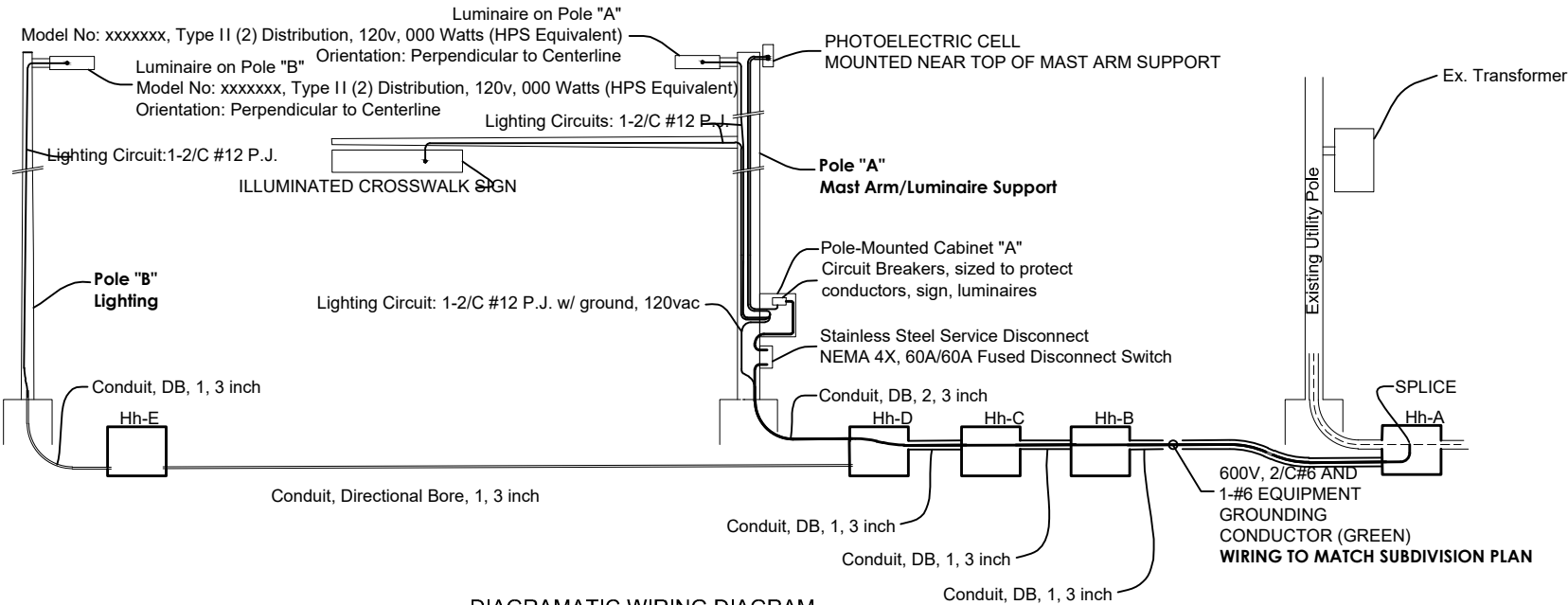
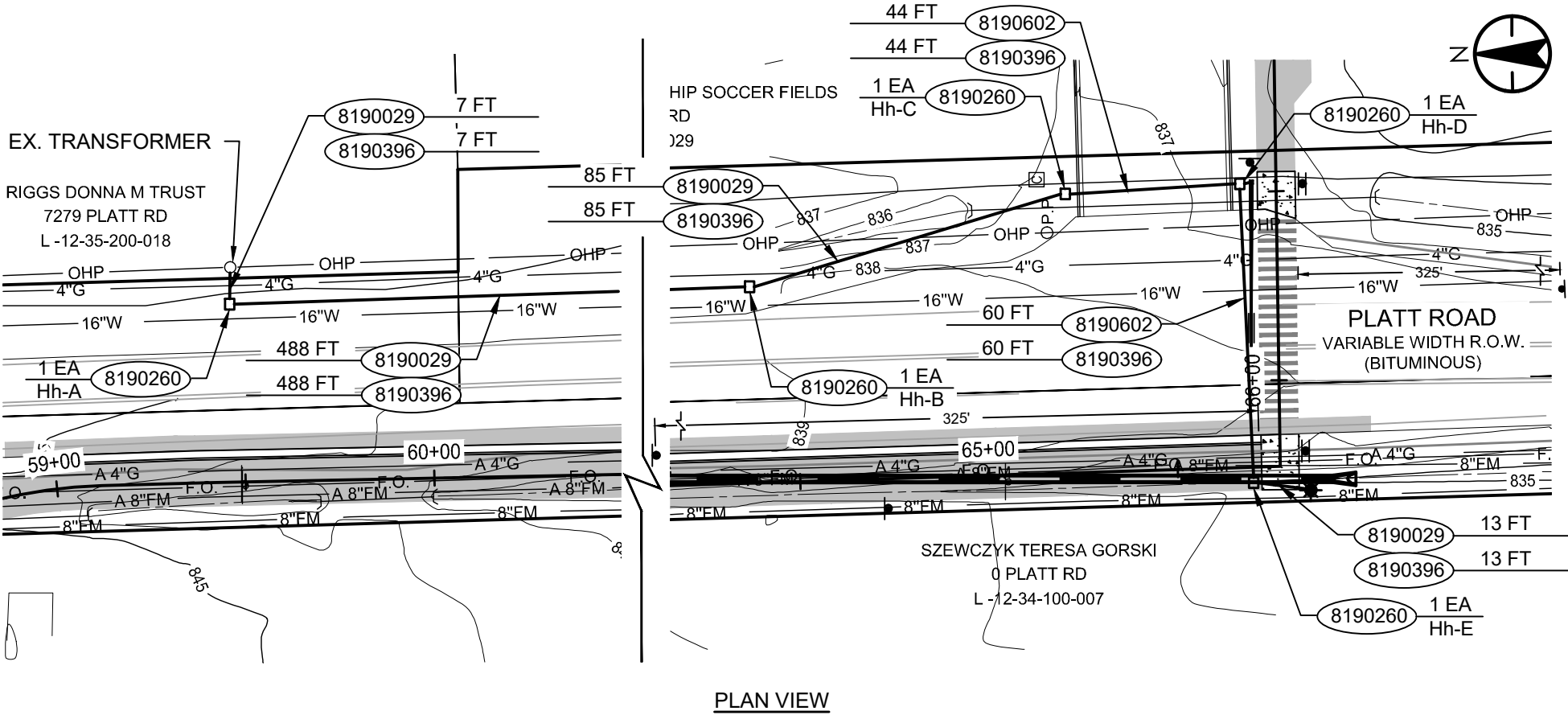
Scale

0 50' 100'

Drawing No.  
C-23

Sheet  
50 of 51

| #       | DESCRIPTION                                                  | QNTY | UNIT |
|---------|--------------------------------------------------------------|------|------|
| 8100306 | MAST ARM STD FDN, CASED                                      | 20   | FT   |
| 8100371 | POST, STEEL, 3 LB                                            | 48   | FT   |
| 8100405 | SIGN, TYPE IIIB                                              | 22   | SFT  |
| 8100512 | MAST ARM POLE, CAT III, WITH LUMINAIRE ARM, BLACK            | 1    | EA   |
| 8100544 | MAST ARM, 40 FOOT, CAT III, BLACK                            | 1    | EA   |
| 8100616 | REFLECTIVE PANEL FOR PERMANENT SIGN SUPPORT, 6 FOOT YELLOW   | 4    | EA   |
| 8107050 | _SIDE POLE CABINET                                           | 1    | EA   |
| 8190029 | CONDUIT, DB, 1, 3 INCH                                       | 593  | FT   |
| 8190032 | CONDUIT, DB, 2, 3 INCH                                       | 4    | FT   |
| 8190260 | Hh, ROUND                                                    | 5    | EA   |
| 8190270 | LIGHT STD ARM, 17 FOOT                                       | 2    | EA   |
| 8190279 | LIGHT STD FDN                                                | 1    | EA   |
| 8190285 | LIGHT STD SHAFT, 30 FOOT OR LESS                             | 1    | EA   |
| 8190330 | LUMINAIRE                                                    | 2    | EA   |
| 8190396 | CABLE, SEC, 600V, 1, 2/C #6                                  | 628  | FT   |
| 8190489 | WOOD POLE, FIT UP, METERED SEC ELEC SERV                     | 1    | EA   |
| 8190602 | CONDUIT, DIRECTIONAL BORE, 1, 3 INCH                         | 104  | FT   |
| 8200100 | PEDESTAL, ALUM                                               | 2    | EA   |
| 8200105 | PEDESTAL, FDN                                                | 2    | EA   |
| 8200116 | POWER CO. (EST COST TO CONTRACTOR)                           | 5000 | DIR  |
| 8200135 | SERVICE DISCONNECT                                           | 1    | EA   |
| 8207050 | _PUSHBUTTON AND SIGN, MODIFIED                               | 2    | EA   |
| 8207050 | _FLSH BEACON, RECTANGULAR RAPID, SOLAR POWERED, DOUBLE SIDED | 2    | EA   |
| 8207050 | _CROSSWALK SIGN, TWO WAY, ILLUMINATED (LED)                  | 1    | EA   |



### WIRING DIAGRAM



Stantec Consulting Michigan Inc.  
3754 Ranchero Drive  
Ann Arbor MI 48108-2771  
Tel: (734) 761-1010  
www.stantec.com

|   |                         |     |     |            |
|---|-------------------------|-----|-----|------------|
| D | GI SUBMITTAL            | CAM | MDP | 2020.07.06 |
| C | WCRC SUBMITTAL          | CAM | MDP | 2020.06.26 |
| B | PERMIT SET              | CAM | MDP | 2020.04.24 |
| A | WCRC PRELIMINARY REVIEW | CAM | MDP | 2020.04.03 |

Issued

By Appd YYYY.MM.DD



NOTE:  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISS DIG PRIOR TO CONSTRUCTION.



Client  
PITTSFIELD CHARTER TOWNSHIP  
Project  
PLATT ROAD GREENWAY II  
Title  
PLATT ROAD CROSSING SOUTH CROSSING

Project No.  
2075136601

Scale  
0 40' 80'

Drawing No.  
C-24  
Sheet  
51 of 51