# PROJECT INFORMATION:

**Project Name:** REPAIR PAVEMENTS - BROWN PARKWAY WESTBOUND, B07161, PH 1
REPAIR PAVEMENTS - BROWN PARKWAY EASTBOUND, B07161, PH 2
CONSTRUCT SIDEWALKS, B07191
CONSTRUCT CLUB ACCESS ROAD, B07161

**Project No:** XTLF21-1045PA
XTLF21-1045PB
XTLF23-1015
XTLF24-1020

Project Location: VANCE AFB, ENID OK

Project Status: 100% PLANS Issue Date: 12 MARCH 2021

## RELEVANT CODE DOCUMENTS

| DOCUMENT TITLE | |
|---|---|
| 2019 ODOT STANDARD SPECIFICATIONS | |
| 2019 ODOT ROADWAY & TRAFFIC STANDARDS | |
| UFC 3-250-01-2016 PAVEMENT DESIGN FOR ROADS AND PARKING AREAS | |
| UFC 3-250-08FA STANDARD PRACTICE FOR SEALING JOINTS AND CRACKS IN RIGID AND FLEXIBLE PAVEMENTS | |
| UFC 3-270-01 O&M MANUAL: ASPHALT AND CONCRETE PAVEMENT MAINTENANCE AND REPAIR | |
| | |
| | |
| | |

| ASBESTOS CONTAINING MATERIAL (ACM) | |
|---|---|
| THERE IS NO KNOWN ACM MATERIALS IN THE PROJECT AREA | BLS |
| THIS FACILITY CONTAINS ACM MATERIALS. HOWEVER, NOT IN THE AREA OF CONSTRUCTION | |
| THIS FACILITY CONTAINS ACM MATERIALS. THAT WILL BE IN LEFT IN PLACE FOR THIS PROJECT. | |
| THIS FACILITY CONTAINS ACM MATERIALS. THAT WILL BE REMOVED BY THE AIR FORCE. | |
| THIS FACILITY CONTAINS ACM MATERIALS. THAT WILL BE REMOVED BY ACM/LBP REMOVAL CONTRACTOR. | |
| THIS FACILITY CONTAINS ACM MATERIALS. THAT WILL BE REMOVED UNDER THIS CONTRACT. | |

Bryce L. Strype — 10 Mar 2021
BASE ENVIRONMENTAL ENGINEER — DATE

| LEAD BASED PAINT (LBP) | |
|---|---|
| THERE IS NO KNOWN LBP MATERIALS IN THE PROJECT AREA | BLS |
| THIS FACILITY CONTAINS LBP MATERIALS. HOWEVER, NOT IN THE AREA OF CONSTRUCTION | |
| THIS FACILITY CONTAINS LBP MATERIALS. THAT WILL BE IN LEFT IN PLACE FOR THIS PROJECT. | |
| THIS FACILITY CONTAINS LBP MATERIALS. THAT WILL BE REMOVED BY THE AIR FORCE. | |
| THIS FACILITY CONTAINS LBP MATERIALS. THAT WILL BE REMOVED BY ACM/LBP REMOVAL CONTRACTOR. | |
| THIS FACILITY CONTAINS LBP MATERIALS. THAT WILL BE REMOVED UNDER THIS CONTRACT. | |

Bryce L. Strype — 10 Mar 2021
BASE ENVIRONMENTAL ENGINEER — DATE

| IRP REMEDIAL PROGRAM (IRP) | |
|---|---|
| THERE IS KNOWN CONTAMINATION IN THE PROJECT AREA. SPECIAL REQUIREMENTS ARE NEEDED. | |
| THERE IS NO KNOWN CONTAMINATION IN THE PROJECT AREA | gh |

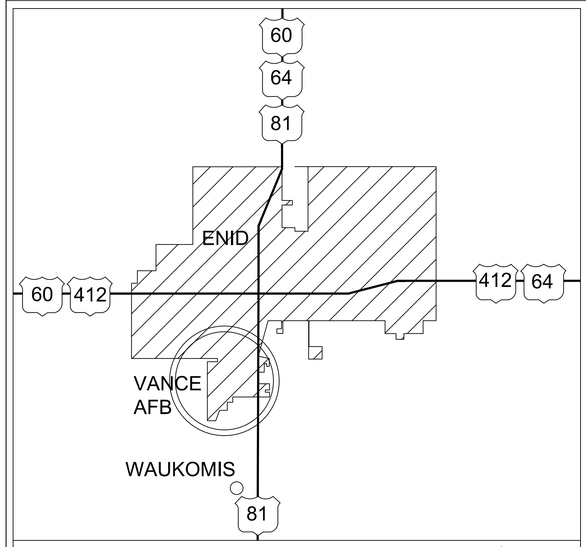
Gail Hamill — 11 Mar 2021
IRP-REMEDIAL PROJECT MANAGER — DATE

LICENSED PROFESSIONAL ENGINEER — DERICK MILLICAN — 25027 — OKLAHOMA — 3/18/21

RESPONSIBLE FOR TRAFFIC SUMMARIES, SUGGESTED SEQUENCE OF CONSTRUCTION, ADVANCED SIGNS, SUGGESTED TRAFFIC CONTROL, SIGNING AND STRIPING, LIGHTING PLAN, SIGN LAYOUTS

LICENSED PROFESSIONAL ENGINEER — LIESL D. CLARK — 24569 — OKLAHOMA — 3/18/21

RESPONSIBLE FOR ALL DRAWINGS NOT PREVIOUSLY LISTED.




VICINITY MAP
NOT TO SCALE

BROWN PARKWAY

EXISTING INLETS
TO BE REMOVED

| Sheet List Table | |
|---|---|
| SHEET NUMBER | SHEET TITLE |
| G001 | TITLE, INDEX & COORDINATION |
| G002 | PROJECT LOCATION & HAUL ROUTE |
| G003 | GENERAL NOTES (1) |
| G003A | GENERAL NOTES (2) |
| G004 | QUANTITIES & PAY ITEM NOTES |
| G005 | SUMMARY OF QUANTITIES- EASTBOUND & WESTBOUND |
| G006 | SUMMARY OF QUANTITIES- SIDEWALKS & ACCESS ROAD |
| G007 | SUMMARY OF QUANTITIES-TRAFFIC (1) |
| G008 | SUMMARY OF QUANTITIES-TRAFFIC (2) |
| G009 | EXISTING CONDITIONS (1) |
| G010 | EXISTING CONDITIONS (2) |
| G011 | EXISITNG CONDITIONS (3) |
| G012 | EXISTING DRAINAGE MAP |
| G013 | PROPOSED DRAINAGE MAP |
| REPAIR PAVEMENTS-WESTBOUND | |
| C101 | DEMOLITION PLAN (1) – WB PH1 |
| C102 | DEMOLITION PLAN (2) – WB PH1 |
| C103 | EROSION CONTROL PLAN (1) – WB PH1 |
| C104 | EROSION CONTROL PLAN (2) – WB PH1 |
| C105 | ROADWAY PLAN & PROFILE (1) – WB PH1 |
| C106 | ROADWAY PLAN & PROFILE (2) – WB PH1 |
| C107 | SIDEWALK RAMPS- WB PH1 |
| C108 | JOINT LAYOUT (1) – WB PH1 |
| C109 | JOINT LAYOUT (2) – WB PH1 |
| C110 | STORM SEWER PLAN (1) – WB PH1 |
| C111 | STORM SEWER PLAN (2) – WB PH1 |
| C112 | STORM SEWER PROFILE (1) – WB PH1 |
| C113 | STORM SEWER PROFILE (2) – WB PH1 |
| C114 | STORM SEWER PROFILE (3) – WB PH1 |
| C115 | SUGGESTED SEQUENCE OF CONSTRUCTION – WB PH1 |
| C116 | ADVANCED SIGNS – WB PH1 |
| C117 | SUGGESTED TRAFFIC CONTROL – WB PH1 |
| C118 | SIGNING & STRIPING PLAN (1) – WB PH1 |
| C119 | SIGNING & STRIPING PLAN (2) – WB PH1 |
| REPAIR PAVEMENTS-EASTBOUND | |
| C201 | DEMOLITION PLAN (1) – EB PH2 |
| C202 | DEMOLITION PLAN (2) – EB PH2 |
| C203 | EROSION CONTROL PLAN (1) – EB PH2 |
| C204 | EROSION CONTROL PLAN (2) – EB PH2 |
| C205 | ROADWAY PLAN & PROFILE (1) – EB PH2 |
| C206 | ROADWAY PLAN & PROFILE (2) – EB PH2 |
| C207 | SIDEWALK RAMPS- EB PH2 |
| C208 | SPOT ELEVATIONS – EB PH2 |
| C209 | JOINT LAYOUT (1) – EB PH2 |
| C210 | JOINT LAYOUT (2) – EB PH2 |
| C211 | STORM SEWER PLAN (1) – EB PH2 |
| C212 | STORM SEWER PLAN (2) – EB PH2 |
| C213 | STORM SEWER PROFILE (1) – EB PH2 |
| C214 | STORM SEWER PROFILE (2) – EB PH2 |
| C215 | SUGGESTED SEQUENCE OF CONSTRUCTION – EB PH2 |
| C216 | ADVANCED SIGNS – EB PH2 |
| C217 | SUGGESTED TRAFFIC CONTROL (1) – EB PH2A |
| C218 | SUGGESTED TRAFFIC CONTROL (2) – EB PH2B |
| C219 | SIGNING & STRIPING PLAN (1) – EB PH2 |
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| CONSTRUCT SIDEWALKS | |
| C301 | SIDEWALK PLAN (1)- PH 3 |
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| C303 | SIDEWALK RAMPS- PH3 |
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| C305 | ADVANCED SIGNS – PH3 |
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| C307 | SIGNING & STRIPING PLAN (2) – PH3 |
| C308 | LIGHTING PLAN (1)- PH3 |
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| CONSTRUCT CLUB ACCESS ROAD | |
| C401 | DEMOLITION PLAN- PH4 |
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| C403 | ROADWAY PLAN & PROFILE- PH4 |
| C404 | JOINT LAYOUT PLAN- PH4 |
| C501 | SIGN LAYOUTS |
| C502 | TYPICAL PAVEMENT SECTIONS |

## ODOT STANDARD DRAWINGS

ROADWAY
SSS-2 SOLID SLAB SODDING
TRFD-2 TEMPORARY ROCK FILTER DAMS
ASCD-6 ASPHALT SURFACING CONSTRUCTION DETAILS
CSCD-6 CONCRETE SURFACING CONSTRUCTION DETAILS
LECS-5 JOINTS AND SEALERS- LONGITUDINAL, EXPANSION/ISOLATION AND CONTRACTION
LTU-5 LOAD TRANSFER UNITS FOR CONCRETE PAVEMENT JOINTS
WCR-4 WHEELCHAIR RAMPS
TWD-2 TACTILE WARNING DEVICES
CDIB30-2 CONCRETE DROP INLETS FOR 30DEG SKEW R.C. BOXES
CDIP30-2 CONCRETE DROP INLETS FOR 30DEG SKEW 18" TO 72" RCP
CI-2 CURB INLETS
MJB-4 MANHOLES AND JUNCTION BOXES
SPB-2 STANDARD PIPE BEDDING

TRAFFIC
TCS1-1 TRAFFIC CONTROL CONSTRUCTION NOTES
TCS2-1 TRAFFIC CONTROL TABLES AND CHARTS
TCS 3-1 TEMPORARY TRAFFIC CONTROL ELEMENTS
TCS 4-1 TRAFFIC CONTROL DEVICES
TCS 5-1 TYPICAL SIGN INSTALLATION
TCS 6-1 CHANNELIZING DEVICES
TCS 7-1 ADVANCE WARNING SIGNS
TCS 8-1 CONSTRUCTION SIGNS
TCS 9-1 CONSTRUCTION SIGNS
TCS 10-1 CONSTRUCTION SIGNS
TCS 14-1 CONSTRUCTION SIGNS
TCS 15-1 CONSTRUCTION SIGNS
TCS 21-1 CONSTRUCTION ZONE PAVEMENT MARKINGS
TCS 22-1 CONSTRUCTION ZONE PAVEMENT MARKINGS

CCD1-1 TYPICAL CONDUIT CONSTRUCTION DETAILS (FOR UNDERGROUND INSTALLATION)
PBD1-1 TYPICAL PULL BOX DETAILS
SCD1-1 TYPICAL SPLICE AND CONNECTOR DETAILS
TEWD1-2 TYPICAL ELECTRICAL WIRING DETAILS

PM1-1 PAVEMENT MARKING (CROSSWALKS AND LEFT TURN BAY)
PM5-1 PAVEMENT MARKING (WORDS AND NUMERALS)
PM6-1 PAVEMENT MARKING (ARROWS)

MOD1-1 STANDARD MEDIAN OPENING DETAILS (ALL WAY INTERSECTION)
MOD2-1 STANDARD MEDIAN OPENING DETAILS (T-INTERSECTION)
RSD 1-1 REGULATORY SIGN DETAILS (R-SERIES)
RSD 2-1 REGULATORY SIGN DETAILS (R-SERIES)
WSD 1-1 WARNING SIGN DETAILS (W-SERIES)
WSD 3-1 WARNING SIGN DETAILS (W-SERIES)
SBS 1-1 SIGN BLANK AND BRACKET DETAILS
SBS 2-1 SIGN BLANK AND BRACKET DETAILS
SBS 3-1 SIGN BLANK AND BRACKET DETAILS
SBS 5-1 SIGN BLANK AND BRACKET DETAILS
GMS 1-1 TYPICAL INSTALLATIONS OF GROUND MOUNTED SIGNS
GMS 2-1 TYPICAL INSTALLATIONS OF GROUND MOUNTED SIGNS & OBJECT MARKERS
SSP 1-1 SQUARE TUBE POST DETAILS
SSA 1-1 SHEET SIGN ASSEMBLY DETAILS (SQUARE TUBE)
SSA 2-1 SHEET SIGN ASSEMBLY DETAILS (GALVANIZED PIPE)
FGS 1-1 STANDARD FOOTINGS FOR GROUND MOUNTED SIGNS (GALVANIZED PIPE)

## DESIGN APPROVED BY

| FUNCTION | PRINTED NAME | SIGNATURE | DATE |
|---|---|---|---|
| Organization | Name | | |
| ARSC/CEE- OPS BRANCH MANAGER | DENNIS BURNETT | Dennis Burnett | 15 March 2021 |
| 71 SFS/S5X- ATPM | JAMES KITE | James Kite | 10 March 2021 |
| ASRCC/CE - ENG BRANCH MANAGER | DAVID HATHCOAT | David B Hathcoat | 15 March 2021 |
| 71 ISS/CE-BCE | STEPHEN STIMSON | | **18 March 2021** |
| | | **TITLE, INDEX & COORDINATION** | **G001** |

UNITED STATES AIR FORCE AIR EDUCATION TRAINING COMMAND
VANCE AFB, OK


11600 Broadway Ext. / Ste. 300
Oklahoma City, OK 73114
TEL 405.242.6600
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140 Channel St. Suite 205
Vance AFB, OK 73705
(580) 213-7772
CA# 7864 Expires: JUNE 30, 2022

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

GENERAL NOTES:

1. APPROVED HAUL AND ACCESS ROUTES ARE NOTED ON THE PLAN. THE CONTRACTOR SHALL USE ONLY ACCESS ROUTES THAT ARE PREVIOUSLY APPROVED BY CONSTRUCTION MANAGEMENT.
2. ALL NON-HAZARDOUS DEMOLITION WASTE PRODUCTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
3. THE CONTRACTOR SHOULD SCHEDULE WORK IN ACCORDANCE WITH THE APPROVED CONSTRUCTION SEQUENCE SUBMITTED DURING THE NON-PERFORMANCE PERIOD OF SCHEDULE F OF THE SPECIFICATIONS.
4. EXISTING CONSTRUCTION INFORMATION PROVIDED WITHIN THESE PLANS IS BASED ON RECORD DRAWINGS AND FIELD INVESTIGATION AND MAY VARY WITHIN THE PROJECT. NOTIFY CONSTRUCTION MANAGER OF DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS.
5. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION TO THE PROJECT.

## LEGEND

- PRIMARY BASE ACCESS ROUTE
- SECONDARY BASE ACCESS ROUTE

## KEYNOTES:

(1) PRIMARY COMMERCIAL ENTRY HAUL ROUTE.

(2) SECONDARY HAUL ROUTE. TO BE USED ONLY WHEN PRIMARY ENTRY ROUTE GATE IS CLOSED. ALL COMMERCIAL AND POV TRAFFIC SHALL EXIT THIS ROUTE.

(3) GOTT ROAD

(4) FACILITY 288 CIVIL ENGINEERING INCLUDING CONSTRUCTION MANAGEMENT.

(5) FACILITY 200 PROCUREMENT.

(6) FACILITY 72 VISITORS CENTER, USE FOR PASS APPROVAL PRIOR TO BEGINNING WORK.

(7) FACILITY 75 COMMERCIAL VEHICLE INSPECTION.

(8) MATERIAL LAY DOWN AREA.

(9) PROJECT LOCATION – BROWN PARKWAY

(10) ANDERSON STREET

(11) THOMPSON AVENUE

(12) WILLIAMS AVENUE

(13) FACILITY 500 – HEADQUARTERS BUILDING

N

0' 200' 400' 800'
SCALE IN FEET


UNITED STATES AIR FORCE
AIR EDUCATION
TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

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CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY

## PROJECT LOCATION & HAUL ROUTE

**G002**

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## GENERAL SITE NOTES:

1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR SHALL SUBMIT A LOCATION MAP TO THE CONSTRUCTION MANAGER AT LEAST (2) TWO WEEKS IN ADVANCE OF DIGGING WORK TO OBTAIN UTILITY MARKINGS.
2. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND ENGINEER. THE CONTRACTOR SHALL COORDINATE REQUESTS WITH THE CONSTRUCTION MANAGER.
3. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
4. ALL ESTIMATES OF QUANTITIES ARE FOR INFORMATION PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL QUANTITIES AND FOR BRINGING THE PROJECT TO THE LINES AND GRADES SHOWN HEREIN. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS REQUIRED TO FULFILL THE PLANS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE EARTHWORK QUANTITIES AND TO ACCOUNT FOR HAUL IN OR HAUL OFF OF MATERIAL AS NECESSARY TO MEET THE LINES AND GRADES OF THE PLANS EVEN IF QUANTITY ESTIMATES ARE SHOWN WITHIN THESE DOCUMENTS. NO ADDITIONAL PAYMENTS WILL BE MADE FOR IMPORT OR EXPORT OF MATERIAL OR FOR ADJUSTMENTS TO QUANTITY ESTIMATES.
5. ALL CONSTRUCTION SHALL CONFORM TO THE PROJECT DRAWINGS, SPECIFICATIONS & THE GEOTECHNICAL REPORT, ALL FEDERAL APPLICABLE CODES & UNIFIED FACILITIES CRITERIA, EXCEPT WHERE SHOWN OTHERWISE. NOTIFY ENGINEER OF DISCREPANCIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS, PAYING ALL FEES AND FOR OTHERWISE COMPLYING WITH ALL APPLICABLE REGULATIONS GOVERNING THE WORK.
7. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AT LEAST 48 HOURS TO COMMENCING WORK.
8. THE CONTRACTOR SHALL PROTECT ALL MAJOR TREES FROM DAMAGE. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER, UNLESS SHOWN OTHERWISE ON THESE PLANS.
9. CLEARING AND GRUBBING OPERATIONS AND DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE PERFORMED BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
10. ALL WASTE MATERIAL RESULTING FROM THE PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.
11. ALL UTILITY EXTENSIONS AND CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE APPLICABLE UTILITY COMPANIES.
12. ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS ARE TO BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED.
13. ALL DISTURBED AREAS SHALL BE LANDSCAPED, SEEDED OR SODDED, WHERE APPLICABLE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF SURFACE EROSION DURING CONSTRUCTION AND UNTIL THE OWNER ACCEPTS THE WORK AS COMPLETE. EROSION CONTROL MEASURES INCLUDING, BUT NOT LIMITED TO, THE SILT FENCES AND GRAVEL FILTER BAGS SHOWN ON THE EROSION CONTROL PLAN SHALL BE IN PLACE FOR THE DURATION OF THE SITE IMPROVEMENTS.
15. ALL HDPE PIPE SHALL BE ADS (N-12) OR APPROVED EQUAL, AND CONFORM TO AASHTO M294 SPECIFICATIONS. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.

## UTILITY NOTES:

1. CONTRACTOR SHALL FOLLOW ALL VANCE AIR FORCE BASE AND OSHA RULES AND REGULATIONS FOR EXTRA DEPTH TRENCHING AND SHORING, INCLUDING INSPECTIONS BY COMPETENT PERSON AS DEFINED BY OSHA AND VANCE AIR FORCE BASE.
2. CONTRACTOR SHALL INSTALL ELECTRICAL AND GAS SERVICE PER SERVICE PROVIDER'S REQUIRED MINIMUM DEPTH, STANDARDS AND SPECIFICATIONS. COORDINATE ROUTING, INSTALLATION AND CONNECTION WITH SERVICE PROVIDER PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY CONSTRUCTION MANAGER AND ENGINEER OF ANY PLAN DISCREPANCIES.
4. CONTRACTOR SHALL NOT BLOCK DRIVE LANES, OR INTERRUPT SURROUNDING BUSINESS UTILITY SERVICE AT ANY TIME. IF SUCH INTERRUPTION IS NECESSARY THE CONTRACTOR SHALL CONTACT CONSTRUCTION MANAGER TO DETERMINE AN APPROVED COURSE OF ACTION.
5. ALL WATERLINES, SANITARY SEWER AND STORM SEWER LINES SHOULD BE KEPT TEN FEET (10') APART OR WHEN CROSSING 24" VERTICAL CLEARANCE. CROSSING'S LESS THAN 24" SHALL BE ENCASED IN CONCRETE.
6. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
7. THE CONTRACTOR SHALL OBTAIN THE REQUIRED PERMITS AND WORK ORDERS FROM THE VANCE AIR FORCE BASE PRIOR TO COMMENCING CONSTRUCTION.
8. AFTER CONSTRUCTION IS COMPLETE, ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.
9. IF PRECAST CONCRETE STORM SEWER STRUCTURES ARE TO BE USED ON THIS PROJECT, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND HAVE THEM APPROVED BY THE ENGINEER PRIOR TO FABRICATION OF THE STRUCTURES. FAILURE TO DO SO SHALL BE CAUSE FOR REJECTION.
10. FOR PAVEMENT SECTION, GRAVEL SECTION & SUBGRADE, REFER TO THE GEOTECHNICAL REPORT PROVIDED BY OLSSON.

11. THE CONTRACTOR SHALL, BY HIS OWN INVESTIGATION, AND PRIOR TO COMMENCING WORK, SATISFY HIMSELF AS TO THE SURFACE AND SUBSURFACE CONDITIONS TO BE ENCOUNTERED.
12. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL BOUNDARY CORNERS AND SECTION CORNERS. ANY BOUNDARY CORNER AND/OR SECTION CORNER DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A LAND SURVEYOR LICENSED IN THE STATE OF OKLAHOMA, AT THE CONTRACTOR'S EXPENSE.
13. THE CONTOUR LINES, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS, ETC. REFER TO TYPICAL SECTIONS FOR PAVING, AND AGGREGATE BASE THICKNESS TO DEDUCT FOR GRADING LINE ELEVATIONS.
14. THE CONTRACTOR SHALL FINISH GRADE SLOPES AS SHOWN NO STEEPER THAN 1 FOOT VERTICAL IN 3 FEET HORIZONTAL.
15. THE CONTRACTOR SHALL GRADE AREAS TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING.
16. ALL EXTERIOR CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI AND BE AIR ENTRAINED. FLYASH IS NOT A SUITABLE REPLACEMENT FOR PORTLAND CEMENT (REFER TO GEOTECHNICAL REPORT).
17. THE CONTRACTOR SHALL MAKE HIS OWN ASSUMPTIONS ON THE LOCATION AND CONSISTENCY OF ANY EXISTING ROCK LAYERS UNDERLYING THE PROJECT SITE. ALL ROCK EXCAVATION AND REMOVAL SHALL BE INCLUDED IN THE CONTRACTORS' BID.
18. SITE PREPARATION, GRADING AND EXCAVATION PROCEDURES SHALL CONFORM TO THE RECOMMENDATIONS AS OUTLINED IN THE GEOTECHNICAL REPORT PROVIDED BY OLSSON AND ALL ADDENDUMS.
19. CONCRETE PAVEMENT JOINTS SHALL BE CONSTRUCTED AS PER PLANS.
20. CONTRACTOR TO FIELD VERIFY ELEVATIONS AND LOCATIONS OF EXISTING UTILITIES AND INFRASTRUCTURE PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS.
21. ANY CONTRACTOR BIDDING ANY PORTION OF THIS WORK SHALL HAVE IN HIS OR HER POSSESSION A COMPLETE SET OF CONSTRUCTION DOCUMENTS AND BE FAMILIAR WITH ALL SCOPES OF WORK AND TRADES TO UNDERSTAND THEIR INTERACTIONS.

## SAFETY PLAN NOTES:

1. EMERGENCY NOTIFICATION:

   A. CONTACT VAFB CONSTRUCTION MANAGER.

5. COORDINATION:

   A. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION MANAGER AT LEAST 3 WEEKS IN ADVANCE OF STARTING CONSTRUCTION.

   B. PRIOR TO CLOSURE OF ANY PORTION OF THE ROADWAY, CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION MANAGER AT LEAST 72 HOURS IN ADVANCE OF CHANGING PHASES.

7. VEHICLE MARKING:

   VEHICLES AND EQUIPMENT MUST HAVE EITHER A FLASHING YELLOW BEACON OR A 3-BY-3-FOOT FLAG WITH INTERNATIONAL ORANGE AND WHITE 12-INCH SQUARES MOUNTED ON TOP OF THE VEHICLE.

8. SAFETY AREA REQUIREMENTS:

   F. NO CONSTRUCTION ACTIVITY WILL BE ALLOWED IN ACTIVE SAFETY AREAS.

   G. NO OPEN EXCAVATIONS WILL BE ALLOWED IN ACTIVE SAFETY AREAS.

   H. CONTRACTOR MAY WORK IN SAFETY AREAS ONLY WITH ENGINEER'S/OWNER'S APPROVAL AND WHEN CLOSURE X'S / BARRICADES ARE IN PLACE.

   I. PRIOR TO RE-OPENING AREAS, CONTRACTOR SHALL VERIFY AND SHALL ENSURE THAT GRADING & SAFETY STANDARDS ARE MET.

9. DEBRIS / FOD CONTROL:

   A. CONTRACTOR SHALL KEEP ALL ACTIVE PAVEMENT CLEAR OF FOREIGN OBJECT DEBRIS (FOD). THE ENGINEER OR OWNER WILL VERIFY COMPLIANCE TWICE DAILY OR AS NEEDED.

   B. CONTRACTOR SHALL USE VACUUM SWEEPER OR APPROVED METHOD TO PERFORM DAILY CLEANING AND FOD CONTROL

10. UNDERGROUND UTILITIES:

    CONTRACTOR SHALL LOCATE ALL ON-SITE UTILITIES PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CONTACT VAFB CONSTRUCTION MANAGER FOR:

    A. UTILITY LOCATOR SERVICE
    B. AIR-SIDE ELECTRICAL
    C. AIRPORT OPERATIONS

11. PERSONNEL COMPLIANCE:

    ALL ON-SITE CONTRACTOR PERSONNEL SHALL COMPLY WITH THE SAFETY AND SECURITY REQUIREMENTS. NON-COMPLIANCE MAY RESULT IN EXPULSION FROM THE BASE.

12. PENALTY FOR NONCOMPLIANCE WITH SAFETY PROVISIONS:

    CONTRACTOR SHALL IMMEDIATELY CEASE THOSE OPERATIONS INVOLVED IN VIOLATION AND CONDUCT A SAFETY MEETING. CONTRACTOR SHALL NOT RESUME CONSTRUCTION UNTIL APPROPRIATE ACTION IS TAKEN, AS DETERMINED BY THE OWNER.

13. VAFB ID BADGE REQUIREMENTS:

    THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING VAFB ID BADGE REQUIREMENTS FOR ALL PERSONNEL WORKING ON THE BASE. THE CONTRACTOR SHALL CONTACT CONSTRUCTION MANAGER FOR COORDINATION OF REQUIREMENTS.

## UTILITIES CONTACT INFORMATION

CONTACT VAFB CONSTRUCTION MANAGER

## ABBREVIATIONS:

| | |
|---|---|
| C | CONTRACTION JOINT |
| CONC. | CONCRETE |
| CMP | CORRUGATED METAL PIPE |
| CT | CONSTRUCTION JOINT |
| CTL | CONTROL |
| CY | CUBIC YARDS |
| D OR d | DIAMETER |
| E | EXPANSION JOINT |
| ELEC | ELECTRIC |
| EX. | EXISTING |
| FL | FLOW LINE |
| IN | INCHES |
| IRR | IRRIGATION |
| LF | LINEAR FEET |
| LONG | LONGITUDINAL |
| LSUM | LUMP SUM |
| MH. | MANHOLE |
| MIN. | MINIMUM |
| PCC | PORTLAND CEMENT CONCRETE |
| PVC | POLYVINYL CHLORIDE |
| R | REINFORCED SLAB-MESH |
| RCP | REINFORCED CONCRETE PIPE |
| SD | STORM SEWER |
| SF | SQUARE FEET |
| SS | SANITARY SEWER |
| SSMH | SANITARY SEWER MANHOLE |
| STMH | STORM SEWER MANHOLE |
| SY | SQUARE YARDS |
| T | THICKNESS |
| TELE | TELEPHONE |
| TG | TOP OF GRATE |
| TR | TOP OF RIM |
| TRANS | TRANSVERSE |
| TYP. | TYPICAL |
| T/2 | THICKNESS DIVIDED BY 2 |
| W4 | SIZE OF WIRE |
| W/ | WITH |

XX/C-501
DETAIL NUMBER — SHEET NUMBER


71st FLYING TRAINING WING

UNITED STATES AIR FORCE
AIR EDUCATION
TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

ASRC FEDERAL
140 Channel St., Suite 205
Vance AFB, OK 73705
(580) 213-7772
CA# 07864 EXPIRES
JUNE 30, 2022

olsson
11600 Broadway Ext. / Ste. 300
Oklahoma City, OK 73114
TEL 405.242.6600
CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY

GENERAL NOTES (1)

G003

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## GENERAL NOTES - TRAFFIC SIGNING

(C–51) REMOVED MATERIAL TO BECOME PROPERTY OF CONTRACTOR AND IT SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

(C–53) ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, GUARDRAIL, SLOPES, AND SIGNS SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.

(C–56) ALL REGULATORY SIGNS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956–(LATEST REVISION) FOR TYPE III SHEETING.

ALL WARNING SIGNS SHALL HAVE FLUORESCENT YELLOW SHEETING. THE FLUORESCENT YELLOW SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956–(LATEST REVISION) REQUIREMENTS FOR TYPE VIII SHEETING.

ALL GREEN AND BLUE SIGNS ON CONVENTIONAL HIGHWAYS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956–(LATEST REVISION) FOR TYPE III SHEETING.

ALL PANEL AND OVERHEAD SIGNS SHALL HAVE TYPE III HIGH INTENSITY BACKGROUND WITH TYPE VIII LEGENDS AND BORDERS. THE TYPE III BACKGROUND AND THE TYPE VIII LEGENDS AND BORDERS SHALL MEET THE REQUIREMENTS OF ASTM D4956–(LATEST REVISION).

THE MANUFACTURER SHALL FURNISH A TYPE 'A' CERTIFICATION IN ACCORDANCE WITH ODOT STANDARD SPECIFICATIONS, LATEST EDITION, AND SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON THE MATERIAL SUBMITTED FOR APPROVAL.

(C–58) NO SPLICES SHALL BE PERMITTED IN ANY PIPE OR WIDE FLANGE SIGN POSTS.

(C–59) ALL ANCHOR BOLTS SHALL BE GRADE A–36 STEEL.

(C–60) THE STATIONS AND LOCATIONS OF THE SIGN PLACEMENT, AS SHOWN ON THE PLAN SHEETS, ARE APPROXIMATE. EXACT STATIONS AND LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR SO THAT THE SIGN IS INSTALLED IN ACCORDANCE WITH THE MUTCD IN ORDER TO PROVIDE OPTIMUM VISIBILITY TO THE ONCOMING/APPROACHING MOTORIST. IF A PROPOSED LOCATION CONFLICTS WITH OTHER SIGNS, UTILITIES OR OTHER ROADWAY FEATURES, THE ENGINEER SHALL BE NOTIFIED.

(C–61) POST LENGTHS SHOWN ON SIGN SUMMARY ARE APPROXIMATE. EXACT LENGTH SHALL BE DETERMINED BY FIELD SURVEY BY THE CONTRACTOR.

(C–68) AFTER REMOVAL OF ANY SIGN FOOTINGS, THE HOLES SHALL BE FILLED WITH SOIL AND TAMPED AND SHAPED IN A MANNER APPROVED BY THE ENGINEER.

(C–69) FOR NEW OR EXISTING GROUND MOUNTED SIGNS, MAXIMUM STUB POST PROJECTION ABOVE FOOTING/GROUND LINE SHALL BE 1–3/4" +/– 1/4". MAXIMUM FOOTING PROJECTION ABOVE GROUND LINE SHALL BE NO MORE THAN 2". SHOULD ADDITIONAL SOIL BE REQUIRED, THE ENGINEER WILL DESIGNATE AN AREA TO OBTAIN ADDITIONAL SOIL. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN OTHER ITEMS OF WORK.


UNITED STATES AIR FORCE
AIR EDUCATION
TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

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JUNE 30, 2022

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| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY

GENERAL NOTES (2)

G003A

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## GENERAL CONSTRUCTION NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2019 ODOT STANDARD SPECIFICATIONS AND ROADWAY AND TRAFFIC DESIGN STANDARDS. THE CODES LISTED ON THE COVER SHEET SHALL BE USED IF THE REQUIREMENTS LISTED IN THEM ARE MORE STRINGENT.

GEOTECHNICAL ENGINEERING REPORT: VANCE AIR FORCE BASE, BROWN PARKWAY PAVEMENT DESIGN, ENID, OKLAHOMA, SEPTEMBER 24, 2020 HAS BEEN PREPARED FOR THIS PROJECT AND WILL BE AVAILABLE UPON REQUEST FROM THE BASE ENGINEER.

## PAY QUANTITY NOTES

(R–2) ESTIMATED QUANTITY ONLY. TO BE USED IN A MANNER APPROVED BY THE ENGINEER, FOR MISCELLANEOUS GRADING.

(R–3) INCLUDES 25 CU. YDS. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.

(R–4) AN ESTIMATED QUANTITY OF 25 C.Y. TOPSOIL TO BE RESERVED FOR REPLACEMENT OF APPROXIMATELY 5" ON COMPLETED FORESLOPES, DITCHES, AND BACKSLOPES. THIS QUANTITY IS INCLUDED IN THE EARTHWORK BALANCE. ANY ADDITIONAL EXCAVATION REQUIRED IN CUT SECTIONS TO ALLOW FOR PLACEMENT OF TOPSOIL TO FINAL GRADE, SHALL BE INCLUDED IN THE PRICE BID.

(R–8) PRICE BID TO INCLUDE COST OF ALL NECESSARY MAINTENANCE, MAINTAINING DEVICE IN PROPER UPRIGHT POSITION, REMOVAL OF DEVICE, AND REMOVAL OF SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE DEVICE.

(R–21) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL. PER SQ. YD. WHEN APPLIED TO SUBGRADE, AND 0.25 GAL. PER SQ. YD. WHEN APPLIED TO AGGREGATE BASE. THE ACTUAL CUTBACK PRIME COAT REQUIRED FOR PLACEMENT OPERATIONS WILL BE DETERMINED BY THE CONTRACTOR, AND SHALL CONSIDER THE RESIDUE FROM DISTILLATION PERCENTAGE SHOWN IN SECTION 708.03 OF THE STANDARD SPECIFICATIONS.

(R–24) ESTIMATED AT 0.075 GALLONS PER SQUARE YARD OF ORIGINAL EMULSION OF TACK COAT (BEFORE DILUTION FOR APPLICATION) IN ACCORDANCE WITH SECTION 407 OF THE STANDARD SPECIFICATIONS.

(R–25) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.

(R–32) PRICE BID TO INCLUDE COST OF _ –4" MOUNTABLE CURB HOODS, _ –6" MOUNTABLE CURB HOODS, _ –6" BARRIER CURB HOODS, _ –8" BARRIER CURB HOODS.

(R–33) THE PRECAST CONCRETE OPTION MAY BE USED INSTEAD, PER DIRECTION OF THE ENGINEER.

(R–38) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

(R–39) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.

(TC–25) CONSTRUCTION TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION), AND APPLICABLE O.D.O.T. STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS REQUIRED FOR COMPLETION OF THE PROJECT.

(TC–33) ALL CONSTRUCTION WORK ZONE SIGNS SHALL HAVE FLUORESCENT SHEETING. THE FLUORESCENT SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956 (LATEST REVISION).

(TS–24) QUANTITY SHOWN INCLUDES 345 L.F. TRAFFIC STRIPE (PAINT)(WHITE) FOR WESTBOUND LANES AND 400 L.F. TRAFFIC STRIPE (PAINT)(WHITE) FOR EASTBOUND LANES. QUANTITY SHOWN INCLUDES 160 L.F. TRAFFIC STRIPE (PAINT)(YELLOW) FOR WESTBOUND LANES AND 395 L.F. TRAFFIC STRIPE (PAINT)(YELLOW) FOR EASTBOUND LANES. QUANTITY WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6") WIDE TRAFFIC STRIPE.

(TS–28) QUANTITY SHOWN INCLUDES 35 L.F. TRAFFIC STRIPE (PAINT)(WHITE) FOR THE EASTBOUND LANES AND 216 L.F. TRAFFIC STRIPE (PAINT)(WHITE) FOR THE SIDEWALK/LIGHTING WORK ITEMS. QUANTITY WILL BE MEASURED BY THE LINEAR FOOT OF TWENTY–FOUR INCH (24") WIDE TRAFFIC STRIPE.

(TS–33) INCLUDED IN THIS PAY ITEM IS ALL HARDWARE ASSOCIATED WITH PROPERLY ANCHORING AND MOUNTING THE HIGHWAY SIGN IN ACCORDANCE WITH O.D.O.T. PLANS AND STANDARD DRAWINGS SSA1–1 AND SSP1–1–(LATEST REVISION).

(TS–34) INCLUDED IN THIS PAY ITEM IS THE REMOVAL OF ANY EXISTING SIGNS TO BE REPLACED BY NEW ASSEMBLIES AND THE REMOVAL OF ANY EXISTING SIGNS THAT WILL BE IN CONFLICT WITH THE NEW ROADWAY OR NEW SIGNAGE.

(1) PRICE BID INCLUDES ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR REMOVAL OF EXISTING MATERIAL UNDERNEATH THE EXISTING PAVEMENT TO BE REMOVED AND FOR THE CONSTRUCTION AND PREPARATION OF EARTHWORK TO SUPPORT THE RECONSTRUCTED PAVEMENT AREA(S), AS REQUIRED IN THE PLANS.

PRICE BID INCLUDES QUANTITY FOR ANY UNSUITABLE MATERIAL ENCOUNTERED DURING EXCAVATION.

(2) EROSION CONTROL ITEMS SHALL BE PLACED IN A MANNER AND LOCATION AS APPROVED BY THE ENGINEER.

(101) LIGHTED BOLLARDS ALONG BROWN PARKWAY SIDEWALK, BOLLARD NOS. B01 TO B109, SHALL BE HYDREL "3110C–H42–4COB–AMBLW–MVOLT–FT–BLS–LDIM–BL" OR APPROVED EQUAL.

SECURITY–RATED LIGHTED BOLLARDS ON THE WEST END OF BROWN PARKWAY, BOLLARD NOS. SB01 TO SB24, SHALL BE BEGA "LED SYSTEM BOLLARD UNSHIELDED LIGHT WITH SAFETY GUARD (180°) INSTALLED IN ACCORDANCE WITH HIGH–SECURITY BOLLARD REQUIREMENTS WITH BLACK FINISH". PAYMENT

PAYMENT SHALL INCLUDE LUMINAIRE, BOLLARD INSTALLATION, FOOTING, WIRING CONNECTION, AND ANY INCIDENTALS REQUIRED TO COMPLETE THE INSTALLATION AT EACH LOCATION AS SHOWN IN THE PLANS.

(102) PRICE BID TO INCLUDE FLASHING LED SIGNS THAT SHALL BE MUTCD COMPLIANT. PAYMENT SHALL BE MEASURED AND PAID FOR BASED ON THE SQUARE FEET (S.F.) AREA OF THE SIGN FACE ONLY. PRICE BID SHALL INCLUDE ALUMINUM SIGN PANELS WITH REQUIRED SHEETING, LEDS, SOLAR PANELS, ELECTRICAL WIRING, CONTROL CIRCUIT, BATTERIES, AND ALL HARDWARE AND COMPONENTS NECESSARY TO CONSTITUTE A COMPLETE FLASHING LED SIGN ASSEMBLY.

SHALL BE TAPCO "BLINKERSIGN" OR APPROVED EQUAL.

**PAY ITEMS-REPAIR PAVEMENTS-BROWN PARKWAY WESTBOUND, B07161, PH1**

*ASPHALT OPTION* — *XTLF21-1045PA*

| PAY ITEM NO. | ODOT ITEM NO. | ITEM DESCRIPTION | NOTES | UNIT | QUANTITY | |
|---|---|---|---|---|---|---|
| | | | | | BASE BID | ALTERNATE |
| 1 | 201(A) | CLEARING AND GRUBBING | (6) | LSUM | 1.00 | 1.00 |
| 2 | 202(A) | UNCLASSIFIED EXCAVATION | (R-2)(1) | CY | 95.00 | 95.00 |
| 3 | 202(D) | UNCLASSIFIED BORROW | (R-2)(R-3)(1) | CY | 706.00 | 706.00 |
| 4 | 205(A) | TYPE A-SALVAGED TOPSOIL | (R-4) | LSUM | 1.00 | 1.00 |
| 5 | 221(F) | TEMPORARY ROCK FILTER DAM TYPE 4 | | CY | 368.00 | 368.00 |
| 6 | 221(H) | (SP)TEMPORARY INLET SEDIMENT FILTER | (R-8)(2) | EA | 14.00 | 14.00 |
| 7 | 240(A) | REMOVING TREES 19" TO 24" IN DIAMETER | | EA | 4.00 | 4.00 |
| 8 | 242 | (PL)STABILIZED CONSTRUCTION EXIT | | EA | 1.00 | 1.00 |
| 9 | 303(A) | AGGREGATE BASE TYPE A | | CY | 701.00 | 462.66 |
| 10 | 307(H) | LIME STABILIZED SUBGRADE | | SY | 3162.22 | 3162.22 |
| 11 | 326(A) | GEOTEXTILE REINFORCEMENT | | SY | 3162.22 | 3162.22 |
| 12 | 407(B) | TACK COAT | (R-24) | GAL | 474.33 | 0.00 |
| 13 | 408 | PRIME COAT | (R-21) | GAL | 316.22 | 0.00 |
| 14 | 411(B) | SUPERPAVE, TYPE S3 (PG 64-22 OK) | (R-25) | TON | 531.25 | 0.00 |
| 15 | 411(C) | SUPERPAVE, TYPE S4 (PG 64-22 OK) | (R-25) | TON | 531.25 | 0.00 |
| 16 | 414(B) | DOWEL JOINTED P.C.C. PAVT. (PLACEMENT) | | SY | 0.00 | 3162.22 |
| 17 | 509(B) | CLASS A CONCRETE | | CY | 0.00 | 527.04 |
| 18 | 609(B) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) | | LF | 2273.00 | 2273.00 |
| 19 | 610(A) | 4" CONCRETE SIDEWALK | | SY | 26.00 | 26.00 |
| 20 | 611(A) | MANHOLE (4' DIA.) | (R-33) | EA | 9.00 | 9.00 |
| 21 | 611(G) | INLET CI DES. 2 (STD) | (R-32)(R-33) | EA | 15.00 | 15.00 |
| 22 | 611(G) | INLET CDI RCB DES. 5 | | EA | 1.00 | 2.00 |
| 23 | 611(G) | INLET CDI RCB DES. 6 (TEMPORARY STRUCTURE) | | EA | 1.00 | 2.00 |
| 24 | 613(E) | 12" CMP | | LF | 30.00 | 30.00 |
| 25 | 613(E) | 18" CMP | | LF | 66.00 | 66.00 |
| 26 | 613(A) | 18" R.C.PIPE CLASS IV | | LF | 715.00 | 715.00 |
| 27 | 613(A) | 24" R.C.PIPE CLASS IV | | LF | 390.00 | 390.00 |
| 28 | 619(B) | REMOVAL OF CURB AND GUTTER | (R-38)(R-39) | LF | 2330.00 | 2330.00 |
| 29 | 619(B) | REMOVAL OF ASPHALT PAVEMENT | (R-38)(R-39) | SY | 3378.22 | 3378.22 |
| 30 | 619(B) | REMOVAL OF DRAINAGE INLETS | (R-38)(R-39) | EA | 6.00 | 6.00 |
| 31 | 619(B) | REMOVAL OF MANHOLES | (R-38)(R-39) | EA | 2.00 | 2.00 |
| 32 | 619(B) | REMOVAL OF SIDEWALK | (R-38)(R-39) | SY | 23.33 | 23.33 |
| 33 | 619(B) | REMOVAL OF EXISTING PIPE | (R-38)(R-39) | LF | 777.00 | 777.00 |
| 34 | 619(C) | SAWING PAVEMENT | | LF | 336.00 | 336.00 |
| 35 | 641 | MOBILIZATION | | LSUM | 1.00 | 1.00 |
| 36 | 642(A) | CONSTRUCTION STAKING LEVEL I | | LSUM | 1.00 | 1.00 |
| 37 | 805(A) | REMOVAL OF EXISTING SIGNS | | LSUM | 1.00 | 1.00 |
| 38 | 805(D) | REMOVE AND STORE GROUND MOUNTED FLAG POLES | | EA | 41.00 | 6.00 |
| 39 | 805(D) | REMOVE AND RESET GROUND MOUNTED SIGNS | | LSUM | 1.00 | 1.00 |
| 40 | 850(A) | SHEET ALUMINUM SIGNS | (TS-34) | SF | 47.29 | 47.29 |
| 41 | 851(C) | 2 1/4" SQUARE TUBE POST | (TS-33) | LF | 34.00 | 34.00 |
| 42 | 851(C) | 2 1/2" SQUARE TUBE POST | (TS-33) | LF | 46.50 | 46.50 |
| 43 | 854(A) | TRAFFIC STRIPE (PAINT) (6" WIDE) | (TS-24) | LF | 505.00 | 505.00 |
| 44 | 854(A) | TRAFFIC STRIPE (PAINT) (24" WIDE) | (TS-28) | LF | 88.00 | 88.00 |
| 45 | 854(B) | TRAFFIC STRIPE (PAINT) (ARROWS) | | EA | 28.00 | 28.00 |
| 46 | 854(B) | TRAFFIC STRIPE (PAINT) (SYMBOLS) | | EA | 6.00 | 6.00 |
| 47 | 854(B) | TRAFFIC STRIPE (PAINT) (WORDS) | | EA | 4.00 | 4.00 |
| 48 | 880(J) | CONSTRUCTION TRAFFIC CONTROL | (TC-25)(TC-33) | LSUM | 1.00 | 1.00 |
| 49 | SP | BONDS AND INSURANCE | | LSUM | 1.00 | 1.00 |

**PAY ITEMS-CONSTRUCT SIDEWALKS, B07191**

*XTLF23-1016*

| PAY ITEM NO. | ODOT ITEM NO. | ITEM DESCRIPTION | NOTES | UNIT | QUANTITY | |
|---|---|---|---|---|---|---|
| | | | | | BASE BID | ALTERNATE |
| 1 | 610(A) | 4" CONCRETE SIDEWALK | | SY | 1096.00 | |
| 2 | 641 | MOBILIZATION | | LSUM | 1.00 | |
| 3 | 642(A) | CONSTRUCTION STAKING LEVEL I | | LSUM | 1.00 | |
| 4 | 802(B) | 1 1/2" PVC SCH.40 PLASTIC CONDUIT BORED | | LF | 3400.00 | |
| 5 | 802(B) | 1 1/2" PVC SCH.40 PLASTIC CONDUIT TRENCHED | | LF | 550.00 | |
| 6 | 803(A) | PULL BOX (SIZE I) | | EA | 14.00 | |
| 7 | 804(A) | STRUCTURAL CONCRETE-CLASS A | | CY | 1.56 | |
| 8 | 804(B) | REINFORCING STEEL | | LB | 228.00 | |
| 9 | 806(D) | (SP)LIGHTED BOLLARD | (101) | EA | 134.00 | |
| 10 | 811 | 1/C NO.8 ELECT.COND. | | LF | 28000.00 | |
| 11 | 811 | 1/C NO.10 ELECT. COND. | | LF | 13500.00 | |
| 12 | 850(A) | SHEET ALUMINUM SIGNS | (TS-34) | SF | 96.00 | |
| 13 | 850(D) | SPECIAL SIGNS | (102) | SF | 108.00 | |
| 14 | 851(B) | 3 1/2" @ 9.11 GALV. STEEL PIPE "A" | (TS-33) | LF | 99.00 | |
| 15 | 851(C) | 2 1/2" SQUARE TUBE POST | (TS-33) | LF | 60.00 | |
| 16 | 880(J) | CONSTRUCTION TRAFFIC CONTROL | (TC-25)(TC-33) | LSUM | 1.00 | |
| 17 | SP | BONDS AND INSURANCE | | LSUM | 1.00 | |
| 18 | SP | PROTECTION BARRIER-OPTION 1 (PLANTERS WITH LIGHTED BOLLARDS) | | LSUM | 1.00 | |

**PAY ITEMS-REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH2**

*ASPHALT OPTION* — *XTLF21-1045PB*

| PAY ITEM NO. | ODOT ITEM NO. | ITEM DESCRIPTION | NOTES | UNIT | QUANTITY | |
|---|---|---|---|---|---|---|
| | | | | | BASE BID | ALTERNATE |
| 1 | 201(A) | CLEARING AND GRUBBING | (6) | LSUM | 1.00 | 1.00 |
| 2 | 202(A) | UNCLASSIFIED EXCAVATION | (R-2)(1) | CY | 514.00 | 95.00 |
| 3 | 202(D) | UNCLASSIFIED BORROW | (R-2)(R-3)(1) | CY | 609.00 | 706.00 |
| 4 | 205(A) | TYPE A-SALVAGED TOPSOIL | (R-4) | LSUM | 1.00 | 1.00 |
| | 221(F) | TEMPORARY ROCK FILTER DAM TYPE 4 | | CY | 339.00 | 339.00 |
| 5 | 221(H) | (SP)TEMPORARY INLET SEDIMENT FILTER | (R-8)(2) | EA | 12.00 | 12.00 |
| 6 | 240(A) | REMOVING TREES 19" TO 24" IN DIAMETER | | EA | 4.00 | 4.00 |
| 7 | 242 | (PL)STABILIZED CONSTRUCTION EXIT | | EA | 1.00 | 1.00 |
| 8 | 303(A) | AGGREGATE BASE TYPE A | | CY | 756.43 | 499.24 |
| 9 | 307(H) | LIME STABILIZED SUBGRADE | | SY | 3593.44 | 3593.44 |
| 10 | 326(A) | GEOTEXTILE REINFORCEMENT | | SY | 3593.44 | 3593.44 |
| 11 | 407(B) | TACK COAT | (R-24) | GAL | 539.02 | 0.00 |
| 12 | 408 | PRIME COAT | (R-21) | GAL | 359.34 | 0.00 |
| 13 | 411(B) | SUPERPAVE, TYPE S3 (PG 64-22 OK) | (R-25) | TON | 603.70 | 0.00 |
| 14 | 411(C) | SUPERPAVE, TYPE S4 (PG 64-22 OK) | (R-25) | TON | 603.70 | 0.00 |
| 15 | 414(B) | DOWEL JOINTED P.C.C. PAVT. (PLACEMENT) | | SY | 0.00 | 3593.44 |
| 16 | 509(B) | CLASS A CONCRETE | | CY | 0.00 | 598.91 |
| 17 | 609(B) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) | | LF | 1538.00 | 1538.00 |
| 18 | 610(A) | 4" CONCRETE SIDEWALK | | SY | 73.00 | 73.00 |
| 19 | 611(A) | MANHOLE (4' DIA.) | (R-33) | EA | 2.00 | 2.00 |
| 20 | 611(A) | MANHOLE (6' DIA.) | (R-33) | EA | 2.00 | 2.00 |
| 21 | 611(G) | INLET CI DES. 2 (STD) | (R-32)(R-33) | EA | 7.00 | 7.00 |
| 22 | 611(G) | INLET CDI RCB DES. 5 | | EA | 1.00 | 1.00 |
| 23 | 613(A) | 18" R.C.PIPE CLASS IV | | LF | 483.00 | 483.00 |
| 24 | 613(A) | 24" R.C.PIPE CLASS IV | | LF | 55.00 | 55.00 |
| 25 | 613(A) | 48" R.C.PIPE CLASS IV | | LF | 30.00 | 30.00 |
| 26 | 619(B) | REMOVAL OF CURB AND GUTTER | (R-38)(R-39) | LF | 1430.00 | 1430.00 |
| 27 | 619(B) | REMOVAL OF CONCRETE PAVEMENT | (R-38)(R-39) | SY | 84.04 | 84.04 |
| 28 | 619(B) | REMOVAL OF ASPHALT PAVEMENT | (R-38)(R-39) | SY | 4243.33 | 4243.33 |
| 29 | 619(B) | REMOVAL OF DRAINAGE INLETS | (R-38)(R-39) | EA | 7.00 | 7.00 |
| 30 | 619(B) | REMOVAL OF MANHOLES | (R-38)(R-39) | EA | 2.00 | 2.00 |
| 31 | 619(B) | REMOVAL OF SIDEWALK | (R-38)(R-39) | SY | 290.00 | 23.33 |
| 32 | 619(B) | REMOVAL OF EXISTING PIPE | (R-38)(R-39) | LF | 467.00 | 467.00 |
| 33 | 619(C) | SAWING PAVEMENT | | LF | 141.00 | 141.00 |
| 34 | 641 | MOBILIZATION | | LSUM | 1.00 | 1.00 |
| 35 | 642(A) | CONSTRUCTION STAKING LEVEL I | | LSUM | 1.00 | 1.00 |
| 36 | 804(A) | STRUCTURAL CONCRETE-CLASS A | | CY | 1.04 | 1.04 |
| 37 | 804(B) | REINFORCING STEEL | | LB | 152.00 | 152.00 |
| 38 | 805(A) | REMOVAL OF EXISTING SIGNS | | LSUM | 1.00 | 1.00 |
| 39 | 805(D) | REMOVE AND RESET GROUND MOUNTED SIGN | | LSUM | 1.00 | 1.00 |
| 40 | 850(A) | SHEET ALUMINUM SIGNS | (TS-34) | SF | 150.89 | 150.89 |
| 41 | 851(B) | 3 1/2" @ 9.11 GALV. STEEL PIPE POST | (TS-33) | LF | 71.00 | 71.00 |
| 42 | 851(C) | 2 1/4" SQUARE TUBE POST | (TS-33) | LF | 22.00 | 22.00 |
| 43 | 851(C) | 2 1/2" SQUARE TUBE POST | (TS-33) | LF | 31.00 | 31.00 |
| 44 | 854(A) | TRAFFIC STRIPE (PAINT) (6" WIDE) | (TS-24) | LF | 795.00 | 795.00 |
| 45 | 854(A) | TRAFFIC STRIPE (PAINT) (24" WIDE) | (TS-28) | LF | 203.00 | 203.00 |
| 46 | 854(B) | TRAFFIC STRIPE (PAINT) (ARROWS) | | EA | 8.00 | 8.00 |
| 47 | 854(B) | TRAFFIC STRIPE (PAINT) (SYMBOLS) | | EA | 11.00 | 11.00 |
| 48 | 854(B) | TRAFFIC STRIPE (PAINT) (WORDS) | | EA | 11.00 | 11.00 |
| 49 | 880(J) | CONSTRUCTION TRAFFIC CONTROL | (TC-25)(TC-33) | LSUM | 1.00 | 1.00 |
| 50 | SP | BONDS AND INSURANCE | | LSUM | 1.00 | 1.00 |

**PAY ITEMS—CONSTRUCT CLUB ACCESS ROAD, B07161**

*ASPHALT OPTION* — *XTLF24-1020*

| PAY ITEM NO. | ODOT ITEM NO. | ITEM DESCRIPTION | NOTES | UNIT | QUANTITY | |
|---|---|---|---|---|---|---|
| | | | | | BASE BID | ALTERNATE |
| 1 | 201(A) | CLEARING AND GRUBBING | (6) | LSUM | 1.00 | 1.00 |
| 2 | 202(A) | UNCLASSIFIED EXCAVATION | (R-2)(1) | CY | 25.00 | 25.00 |
| 3 | 202(D) | UNCLASSIFIED BORROW | (R-2)(R-3)(1) | CY | 25.00 | 25.00 |
| 4 | 205(A) | TYPE A-SALVAGED TOPSOIL | (R-4) | LSUM | 1.00 | 1.00 |
| 5 | 221(H) | (SP)TEMPORARY INLET SEDIMENT FILTER | (R-8)(2) | EA | 2.00 | 2.00 |
| 6 | 240(A) | REMOVING TREES 19" TO 24" IN DIAMETER | | EA | 2.00 | 2.00 |
| 7 | 242 | (PL)STABILIZED CONSTRUCTION EXIT | | EA | 1.00 | 1.00 |
| 8 | 303(A) | AGGREGATE BASE TYPE A | | CY | 129.89 | 85.73 |
| 9 | 307(H) | LIME STABILIZED SUBGRADE | | SY | 779.33 | 779.33 |
| 10 | 326(A) | GEOTEXTILE REINFORCEMENT | | SY | 779.33 | 779.33 |
| 11 | 407(B) | TACK COAT | (R-24) | GAL | 116.90 | 0.00 |
| 12 | 408 | PRIME COAT | (R-21) | GAL | 77.93 | 0.00 |
| 13 | 411(B) | SUPERPAVE, TYPE S3 (PG 64-22 OK) | (R-25) | TON | 130.93 | 0.00 |
| 14 | 411(C) | SUPERPAVE, TYPE S4 (PG 64-22 OK) | (R-25) | TON | 130.93 | 0.00 |
| 15 | 414(B) | DOWEL JOINTED P.C.C. PAVT. (PLACEMENT) | | SY | 0.00 | 779.33 |
| 16 | 509(B) | CLASS A CONCRETE | | CY | 0.00 | 389.67 |
| 17 | 609(B) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) | | LF | 676.00 | 676.00 |
| 18 | 619(B) | REMOVAL OF CURB AND GUTTER | (R-38)(R-39) | LF | 200.00 | 200.00 |
| 19 | 619(B) | REMOVAL OF ASPHALT PAVEMENT | (R-38)(R-39) | SY | 70.33 | 70.33 |
| 20 | 619(C) | SAWING PAVEMENT | | LF | 141.00 | 141.00 |
| 21 | 641 | MOBILIZATION | | LSUM | 1.00 | 1.00 |
| 22 | 642(A) | CONSTRUCTION STAKING LEVEL I | | LSUM | 1.00 | 1.00 |
| 23 | 880(J) | CONSTRUCTION TRAFFIC CONTROL | (TC-25)(TC-33) | LSUM | 1.00 | 1.00 |
| 24 | SP | BONDS AND INSURANCE | | LSUM | 1.00 | 1.00 |


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CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY

QUANTITIES & PAY ITEM NOTES

G004

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## SUMMARY OF SURFACING

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| LOCATION | AGGREGATE BASE TYPE A 303(A) | LIME STABILIZED SUBGRADE 307(H) | GEOTEXTILE REINFORCEMENT 326(A) | DOWEL JOINTED P.C.C. PAVT. (PLACEMENT) 414(B) | CLASS A CONCRETE 509(B) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) 609(B) | 4" CONCRETE SIDEWALK 610(A) |
|---|---|---|---|---|---|---|---|
| | CY | SY | SY | SY | CY | LF | SY |
| WEST BOUND | 462.66 | 3162.22 | 3162.22 | 3162.22 | 527.04 | 2273.00 | 26.00 |
| TOTALS | 463 | 3163 | 3163 | 3163 | 528 | 2273 | 26 |

## SUMMARY OF REMOVALS

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| LOCATION | REMOVAL OF CURB AND GUTTER 619(B) | REMOVAL OF ASPHALT PAVEMENT 619(B) | REMOVAL OF DRAINAGE INLETS 619(B) | REMOVAL OF MANHOLES 619(B) | REMOVAL OF SIDEWALK 619(B) | REMOVAL OF EXISTING PIPE 619(B) | SAWING PAVEMENT 619(C) |
|---|---|---|---|---|---|---|---|
| | LF | SY | EA | EA | SY | LF | LF |
| WEST BOUND | 2330.00 | 3378.22 | 6.00 | 2.00 | 23.33 | 777.00 | 336.00 |
| TOTALS | 2330 | 3379 | 6 | 2 | 24 | 777 | 336 |

## SUMMARY OF EROSION CONTROL

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| LOCATION | TEMPORARY ROCK FILTER DAM TYPE 4 221(F) | TEMPORARY INLET SEDIMENT FILTER 221(H) | REMOVING TREES 19" TO 24" IN DIA. 240(A) |
|---|---|---|---|
| | CY | EA | EA |
| WEST BOUND | 368 | 14 | 4 |
| TOTALS | 368 | 14 | 4 |

## SUMMARY OF EARTHWORK

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| STATION | UNCLASSIFIED EXCAVATION 202(A) | UNCLASSIFIED BORROW 202(D) |
|---|---|---|
| | CY | CY |
| WEST BOUND | 95 | 706 |
| TOTALS (ROADWAY) | 95 | 706 |

## SUMMARY OF SURFACING

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| LOCATION | AGGREGATE BASE TYPE A 303(A) | LIME STABILIZED SUBGRADE 307(H) | GEOTEXTILE REINFORCEMENT 326(A) | TACK COAT 407(B) | PRIME COAT 408 | SUPERPAVE, TYPE S3 (PG 64-22 OK) 411(B) | SUPERPAVE, TYPE S4 (PG 64-22 OK) 411(C) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) 609(B) | 4" CONCRETE SIDEWALK 610(A) |
|---|---|---|---|---|---|---|---|---|---|
| | CY | SY | SY | GAL | GAL | TON | TON | LF | SY |
| WEST BOUND | 701.00 | 3162.22 | 3162.22 | 474.33 | 316.22 | 531.25 | 531.25 | 2273.00 | 26.00 |
| TOTALS | 701 | 3163 | 3163 | 475 | 317 | 532 | 532 | 2273 | 26 |

## SUMMARY OF DRAINAGE STRUCTURES

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| LOCATION | MANHOLE (4' DIA.) 611(A) | INLET CI DES. 2 STD. 611(G) | INLET CDI RCB DES. 5 611(G) | 18" R.C. PIPE CLASS IV 613(A) | 24" R.C. PIPE CLASS IV 613(A) | 12" CORR. METAL PIPE 613(B) | 18" CORR. METAL PIPE 613(B) |
|---|---|---|---|---|---|---|---|
| | EA | EA | EA | LF | LF | LF | LF |
| WEST BOUND | 9 | 19 | 2 | 715 | 390 | 30 | 66 |
| TOTALS | 9 | 19 | 2 | 715 | 390 | 30 | 66 |

## SUMMARY OF SURFACING

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| LOCATION | AGGREGATE BASE TYPE A 303(A) | LIME STABILIZED SUBGRADE 307(H) | GEOTEXTILE REINFORCEMENT 326(A) | DOWEL JOINTED P.C.C. PAVT. (PLACEMENT) 414(B) | CLASS A CONCRETE 509(B) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) 609(B) | 4" CONCRETE SIDEWALK 610(A) |
|---|---|---|---|---|---|---|---|
| | CY | SY | SY | SY | CY | LF | SY |
| EAST BOUND | 499.24 | 3593.44 | 3593.44 | 3593.44 | 598.91 | 1538.00 | 73.00 |
| TOTALS | 500 | 3594 | 3594 | 3594 | 599 | 1538 | 73 |

## SUMMARY OF REMOVALS

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| LOCATION | REMOVAL OF CURB AND GUTTER 619(B) | REMOVAL OF CONCRETE PAVEMENT 619(B) | REMOVAL OF ASPHALT PAVEMENT 619(B) | REMOVAL OF DRAINAGE INLETS 619(B) | REMOVAL OF MANHOLES 619(B) | REMOVAL OF SIDEWALK 619(B) | REMOVAL OF EXISTING PIPE 619(B) | SAWING PAVEMENT 619(C) |
|---|---|---|---|---|---|---|---|---|
| | LF | SY | SY | EA | EA | SY | LF | LF |
| EAST BOUND | 1430.00 | 84.04 | 4243.33 | 7.00 | 2.00 | 290.00 | 467.00 | 141.00 |
| TOTALS | 1430 | 84 | 4244 | 7 | 2 | 290 | 467 | 141 |

## SUMMARY OF EROSION CONTROL

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| LOCATION | TEMPORARY ROCK FILER DAM TYPE 4 221(F) | TEMPORARY INLET SEDIMENT FILTER 221(H) | REMOVING TREES 19" TO 24" IN DIA. 240(A) |
|---|---|---|---|
| | CY | EA | EA |
| EAST BOUND | 339 | 12 | 4 |
| TOTALS | 339 | 12 | 4 |

## SUMMARY OF EARTHWORK

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| STATION | UNCLASSIFIED EXCAVATION 202(A) | UNCLASSIFIED BORROW 202(D) |
|---|---|---|
| | CY | CY |
| EAST BOUND | 514 | 609 |
| TOTALS (ROADWAY) | 514 | 609 |

## SUMMARY OF SURFACING

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| LOCATION | AGGREGATE BASE TYPE A 303(A) | LIME STABILIZED SUBGRADE 307(H) | GEOTEXTILE REINFORCEMENT 326(A) | TACK COAT 407(B) | PRIME COAT 408 | SUPERPAVE, TYPE S3 (PG 64-22 OK) 411(B) | SUPERPAVE, TYPE S4 (PG 64-22 OK) 411(C) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) 609(B) | 4" CONCRETE SIDEWALK 610(A) |
|---|---|---|---|---|---|---|---|---|---|
| | CY | SY | SY | GAL | GAL | TON | TON | LF | SY |
| EAST BOUND | 756.43 | 3593.44 | 3593.44 | 539.02 | 359.34 | 603.70 | 603.70 | 1537.00 | 73.00 |
| TOTALS | 757 | 3594 | 3594 | 540 | 360 | 604 | 604 | 1537 | 73 |

## SUMMARY OF DRAINAGE STRUCTURES

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| LOCATION | MANHOLE (4' DIA.) 611(A) | MANHOLE (6' DIA.) 611(A) | INLET CI DES. 2 611(G) | 18" R.C. PIPE CLASS IV 613(A) | 24" R.C. PIPE CLASS IV 613(A) | 48" R.C. PIPE CLASS IV 613(A) |
|---|---|---|---|---|---|---|
| | EA | EA | EA | LF | LF | LF |
| EAST BOUND | 2 | 2 | 7 | 483 | 55 | 28.5 |
| TOTALS | 2 | 2 | 7 | 483 | 55 | 29 |


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CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS BROWN PARKWAY

SUMMARY OF QUANTITIES- EASTBOUND & WESTBOUND

G005

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## SUMMARY OF SURFACING

CONSTRUCT SIDEWALKS,B07191 — XTLF23-1016

| LOCATION | 4" CONCRETE SIDEWALK 610(A) |
|---|---|
| | SY |
| SIDEWALK | 1096.00 |
| TOTALS | 1096 |

## SUMMARY OF SURFACING

CONSTRUCT CLUB ACCESS ROAD, B07161 — XTLF24-1020

| LOCATION | AGGREGATE BASE TYPE A 303(A) | LIME STABILIZED SUBGRADE 307(H) | GEOTEXTILE REINFORCEMENT 326(A) | PORTLAND CEMENT 426(B) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) 609(B) |
|---|---|---|---|---|---|
| | CY | SY | SY | SY | LF |
| ACCESS ROAD | 85.73 | 779.33 | 779.33 | 779.33 | 676.00 |
| TOTALS | 86 | 780 | 780 | 780 | 676 |

## SUMMARY OF REMOVALS

CONSTRUCT CLUB ACCESS ROAD, B07161 — XTLF24-1020

| LOCATION | REMOVAL OF CURB AND GUTTER 619(B) | REMOVAL OF ASPHALT PAVEMENT 619(B) | SAWING PAVEMENT 619(C) |
|---|---|---|---|
| | LF | SY | LF |
| ACCESS ROAD | 200.00 | 70.33 | 141.00 |
| TOTALS | 200 | 71 | 141 |

## SUMMARY OF EROSION CONTROL

CONSTRUCTION CLUB ACCESS ROAD, B07161 — XTLF24-1020

| LOCATION | TEMPORARY ROCK FILTER DAM TYPE 4 221(F) | TEMPORARY INLET SEDIMENT FILTER 221(H) | REMOVING TREES 19" TO 24" IN DIA. 240(A) |
|---|---|---|---|
| | CY | LF | EA |
| ACCESS ROAD | 9 | 1 | 2 |
| TOTALS | 9 | 1 | 2 |

## SUMMARY OF SURFACING

CONSTRUCT CLUB ACCESS ROAD, B07161 — XTLF24-1020

| LOCATION | AGGREGATE BASE TYPE A 303(A) | LIME STABILIZED SUBGRADE 307(H) | GEOTEXTILE REINFORCEMENT 326(A) | TACK COAT 407(B) | PRIME COAT 408 | SUPERPAVE, TYPE S3 (PG 64-22 OK) 411(B) | SUPERPAVE, TYPE S4 (PG 64-22 OK) 411(C) | 1'-8" COMB. CRB. & GUT. (6" BARRIER) 609(B) |
|---|---|---|---|---|---|---|---|---|
| | CY | SY | SY | GAL | GAL | TON | TON | LF |
| ACCESS ROAD | 129.89 | 779.33 | 779.33 | 116.90 | 77.93 | 130.93 | 130.93 | 676.00 |
| TOTALS | 130 | 780 | 780 | 117 | 78 | 131 | 131 | 676 |


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CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY

SUMMARY OF QUANTITIES-
SIDEWALKS & ACCESS ROAD

G006

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## SUMMARY OF TRAFFIC CONTROL

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| PHASE OF CONSTRUCTION | ESTIMATED CALENDAR DAYS PER PHASE | CONSTRUCTION SIGNS 0 TO 6.25 SF | CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF | CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF | CONSTRUCTION BARRICADES (TYPE III) | WARNING LIGHTS (TYPE A) | (SP) DRUMS |
|---|---|---|---|---|---|---|---|
| | | 880(B) | 880(B) | 880(B) | 880(C) | 880(E) | 880(G) |
| | | S.D. | S.D. | S.D. | S.D. | S.D. | S.D. |
| WB PHASE 1 | 60 | 600 | 540 | 480 | 1,080 | 2,640 | 0 |
| WB INCIDENTAL | 30 | 360 | 300 | 300 | 60 | 360 | 600 |
| | | | | | | | |
| TOTALS | 90.00 | 960.00 | 840.00 | 780.00 | 1,140.00 | 3,000.00 | 600.00 |

## SUMMARY OF TRAFFIC CONTROL

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| PHASE OF CONSTRUCTION | ESTIMATED CALENDAR DAYS PER PHASE | CONSTRUCTION SIGNS 0 TO 6.25 SF | CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF | CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF | CONSTRUCTION BARRICADES (TYPE III) | WARNING LIGHTS (TYPE A) | (SP) DRUMS |
|---|---|---|---|---|---|---|---|
| | | 880(B) | 880(B) | 880(B) | 880(C) | 880(E) | 880(G) |
| | | S.D. | S.D. | S.D. | S.D. | S.D. | S.D. |
| EB PHASE 2A | 30 | 840 | 390 | 240 | 690 | 1,620 | 0 |
| EB PHASE 2B | 60 | 1,800 | 960 | 480 | 1,740 | 3,960 | 0 |
| EB INCIDENTAL | 30 | 360 | 300 | 300 | 60 | 360 | 600 |
| | | | | | | | |
| TOTALS | 120.00 | 3,000.00 | 1,650.00 | 1,020.00 | 2,490.00 | 5,940.00 | 600.00 |

## SUMMARY OF TRAFFIC CONTROL

CONSTRUCT SIDEWALKS,B07191 — XTLF23-1016

| PHASE OF CONSTRUCTION | ESTIMATED CALENDAR DAYS PER PHASE | CONSTRUCTION SIGNS 0 TO 6.25 SF | CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF | CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF | CONSTRUCTION BARRICADES (TYPE III) | WARNING LIGHTS (TYPE A) | (SP) DRUMS |
|---|---|---|---|---|---|---|---|
| | | 880(B) | 880(B) | 880(B) | 880(C) | 880(E) | 880(G) |
| | | S.D. | S.D. | S.D. | S.D. | S.D. | S.D. |
| SW INCIDENTAL | 60 | 720 | 600 | 600 | 120 | 720 | 1,200 |
| | | | | | | | |
| TOTALS | 60.00 | 720.00 | 600.00 | 600.00 | 120.00 | 720.00 | 1,200.00 |

## SUMMARY OF SIGNS

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| SIGN NO. | STATION | OFFSET | PROJECT | ROADWAY ALIGNMENT | SIGN PANEL TYPE(S) | SIGN PANELS | | SIGN POSTS | | | | | | | FOOTINGS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SHEET ALUMINUM | SPECIAL SIGNS | 3 1/2" @ 9.11 GALV. STEEL PIPE "A" | 3 1/2" @ 9.11 GALV. STEEL PIPE "B" | 2 1/4" SQUARE TUBE POST "A" | 2 1/4" SQUARE TUBE POST "B" | 2 1/2" SQUARE TUBE POST "A" | 2 1/2" SQUARE TUBE POST "B" | POST SPACING | TYPE | CLASS "A" CONCRETE | REINFORCING STEEL | |
| | | | | | | 850(A) | 850(D) | 851(B) | 851(B) | 851(C) | 851(C) | 851(C) | 851(C) | | | 804(A) | 804(B) | |
| | | | | | | SF | SF | LF | LF | LF | LF | LF | LF | FT. | | CY | LB | |
| 008 | 16+79 | LT | WB PHASE 1 | WB BROWN PKWY | R6-1(R), R1-2E | 9.93 | | | | | | 15.5 | | | | | | |
| 009 | 17+17 | RT | WB PHASE 1 | WB BROWN PKWY | R6-1(L) | 3.00 | | | | 11.0 | | | | | | | | |
| 010 | 17+83 | LT | WB PHASE 1 | WB BROWN PKWY | R6-1(R), R1-2E | 9.93 | | | | | | 15.5 | | | | | | |
| 011 | 18+31 | RT | WB PHASE 1 | WB BROWN PKWY | R6-1(L) | 3.00 | | | | 11.0 | | | | | | | | |
| 012 | 18+53 | LT | WB PHASE 1 | WB BROWN PKWY | R6-1(R), R1-2E | 9.93 | | | | | | 15.5 | | | | | | |
| 013 | 21+16 | LT | WB PHASE 1 | WB BROWN PKWY | (2) D3-1 (BROWN PKWY), D3-1 (GOTT RD) | 11.50 | | | | 12.0 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | TOTALS | 47.29 | 0.00 | 0.00 | 0.00 | 34.00 | 0.00 | 46.50 | 0.00 | | | 0.00 | 0.00 | |
| | | | | | | | | 0.00 | | 34.00 | | 46.50 | | | | | | |

## SUMMARY OF SIGNS

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| SIGN NO. | STATION | OFFSET | PROJECT | ROADWAY ALIGNMENT | SIGN PANEL TYPE(S) | SIGN PANELS | | SIGN POSTS | | | | | | | FOOTINGS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SHEET ALUMINUM | SPECIAL SIGNS | 3 1/2" @ 9.11 GALV. STEEL PIPE "A" | 3 1/2" @ 9.11 GALV. STEEL PIPE "B" | 2 1/4" SQUARE TUBE POST "A" | 2 1/4" SQUARE TUBE POST "B" | 2 1/2" SQUARE TUBE POST "A" | 2 1/2" SQUARE TUBE POST "B" | POST SPACING | TYPE | CLASS "A" CONCRETE | REINFORCING STEEL | |
| | | | | | | 850(A) | 850(D) | 851(B) | 851(B) | 851(C) | 851(C) | 851(C) | 851(C) | | | 804(A) | 804(B) | |
| | | | | | | SF | SF | LF | LF | LF | LF | LF | LF | FT. | | CY | LB | |
| 001 | 10+85 | RT | EB PHASE 2B | EB BROWN PKWY | (2) D3-1 (BROWN PKWY) | 8.00 | | | | 11.0 | | | | | | | | |
| 002 | 10+90 | LT | EB PHASE 2A | WB BROWN PKWY | R1-2E,R6-1(L), R6-1(R), R5-1E, D3-1 (ANDERSON LT), D3-1 (ANDERSON RT | 29.06 | | 18.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| 003 | 10+90 | RT | EB PHASE 2A | WB BROWN PKWY | R1-2E,R6-1(L), R6-1(R), R5-1E, D3-1 (THOMPSON LT), D3-1 (THOMPSON RT | 29.06 | | 18.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| 004 | 17+44 | RT | EB PHASE 2B | EB BROWN PKWY | R6-1(R), R1-2E | 9.93 | | | | | | 15.5 | | | | | | |
| 005 | 17+97 | RT | EB PHASE 2B | EB BROWN PKWY | R6-1(L), R6-1(R) | 6.00 | | | | 11.0 | | | | | | | | |
| 006 | 18+43 | RT | EB PHASE 2B | EB BROWN PKWY | R6-1(R), R1-2E | 9.93 | | | | | | 15.5 | | | | | | |
| 007A | 21+25 | RT | EB PHASE 2B | EB BROWN PKWY | R1-1E, R6-1(L), R6-1(R), (2) D3-1 (GOTT RD), R5-1E | 29.46 | | 17.0 | | | | | | | A-5 | 0.26 | 38.00 | |
| 007B | 21+25 | LT | EB PHASE 2B | EB BROWN PKWY | R1-1E, R6-1(L), R6-1(R), (2) D3-1 (GOTT RD), R5-1E | 29.46 | | 17.0 | | | | | | | A-5 | 0.26 | 38.00 | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | TOTALS | 150.89 | 0.00 | 71.00 | 0.00 | 22.00 | 0.00 | 31.00 | 0.00 | | | 1.04 | 152.00 | |
| | | | | | | | | 71.00 | | 22.00 | | 31.00 | | | | | | |

## SUMMARY OF SIGNS

CONSTRUCT SIDEWALKS,B07191 — XTLF23-1016

| SIGN NO. | STATION | OFFSET | PROJECT | ROADWAY ALIGNMENT | SIGN PANEL TYPE(S) | SIGN PANELS | | SIGN POSTS | | | | | | | FOOTINGS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SHEET ALUMINUM | SPECIAL SIGNS | 3 1/2" @ 9.11 GALV. STEEL PIPE "A" | 3 1/2" @ 9.11 GALV. STEEL PIPE "B" | 2 1/4" SQUARE TUBE POST "A" | 2 1/4" SQUARE TUBE POST "B" | 2 1/2" SQUARE TUBE POST "A" | 2 1/2" SQUARE TUBE POST "B" | POST SPACING | TYPE | CLASS "A" CONCRETE | REINFORCING STEEL | |
| | | | | | | 850(A) | 850(D) | 851(B) | 851(B) | 851(C) | 851(C) | 851(C) | 851(C) | | | 804(A) | 804(B) | |
| | | | | | | SF | SF | LF | LF | LF | LF | LF | LF | FT. | | CY | LB | |
| 014 | 10+74 | LT | SIDEWALK | WB BROWN PKWY | (2) W11-2E (W/LEDS), W16-7PE(L), W16-7PE(R) | 7.50 | 18.00 | 16.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| 015 | 11+04 | RT | SIDEWALK | EB BROWN PKWY | (2) W11-2E (W/LEDS), W16-7PE(L), W16-7PE(R) | 7.50 | 18.00 | 16.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| 016 | 13+49 | LT | SIDEWALK | EB BROWN PKWY | W11-2E, W16-7PE(R) | 12.75 | | | | | | 15.0 | | | | | | |
| 017 | 13+50 | RT | SIDEWALK | EB BROWN PKWY | W11-2E, W16-7PE(L) | 12.75 | | | | | | 15.0 | | | | | | |
| 018 | 13+59 | RT | SIDEWALK | WB BROWN PKWY | W11-2E, W16-7PE(L) | 12.75 | | | | | | 15.0 | | | | | | |
| 019 | 13+60.5 | LT | SIDEWALK | WB BROWN PKWY | W11-2E, W16-7PE(R) | 12.75 | | | | | | 15.0 | | | | | | |
| 020 | 21+47.5 | RT | SIDEWALK | WB BROWN PKWY | (2) W11-2E (W/LEDS), W16-7PE(L), W16-7PE(R) | 7.50 | 18.00 | 16.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| 021 | 21+52 | RT | SIDEWALK | EB BROWN PKWY | (2) W11-2E (W/LEDS), W16-7PE(L), W16-7PE(R) | 7.50 | 18.00 | 16.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| 022 | 21+94 | RT | SIDEWALK | WB BROWN PKWY | (2) W11-2E (W/LEDS), W16-7PE(L), W16-7PE(R) | 7.50 | 18.00 | 16.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| 023 | 21+98.5 | RT | SIDEWALK | EB BROWN PKWY | (2) W11-2E (W/LEDS), W16-7PE(L), W16-7PE(R) | 7.50 | 18.00 | 16.5 | | | | | | | A-5 | 0.26 | 38.00 | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | TOTALS | 96.00 | 108.00 | 99.00 | 0.00 | 0.00 | 0.00 | 60.00 | 0.00 | | | 1.56 | 228.00 | |
| | | | | | | | | 99.00 | | 0.00 | | 60.00 | | | | | | |

## SUMMARY OF STRIPING

REPAIR PAVEMENTS- BROWN PARKWAY WESTBOUND, B07161, PH1 — XTLF21-1045PA

| SHEET NO. | STATION | TO | STATION | ALIGNMENT | TRAFFIC STRIPE (PAINT) (6" WIDE) | | TRAFFIC STRIPE (PAINT) (24" WIDE) | TRAFFIC STRIPE (PAINT) (ARROWS) (LEFT) | TRAFFIC STRIPE (PAINT) (ARROWS) (RIGHT) | TRAFFIC STRIPE (PAINT) (SYMBOLS) | TRAFFIC STRIPE (PAINT) (WORDS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 854(A) | | 854(A) | 854(B) | 854(B) | 854(B) | 854(B) |
| | | | | | LF | | LF | EA | EA | EA | EA |
| | | | | | WHITE | YELLOW | WHITE | | | | |
| SIGNING AND STRIPING WB (1) | 10+00.00 | TO | 16+00.00 | CRL BROWN PKWY | 215 | 0 | 40 | 2 | 2 | 0 | 0 |
| SIGNING AND STRIPING WB (2) | 16+00.00 | TO | 21+57.04 | CRL BROWN PKWY | 130 | 160 | 48 | 24 | 0 | 6 | 4 |
| | | | | | | | | | | | |
| TOTALS | | | | | 345 | 160 | 88 | 26 | 2 | 6 | 4 |
| | | | | | 505 | | | 28 | | | |

## SUMMARY OF STRIPING

REPAIR PAVEMENTS-BROWN PARKWAY EASTBOUND, B07161, PH 2 — XTLF21-1045PB

| SHEET NO. | STATION | TO | STATION | ALIGNMENT | TRAFFIC STRIPE (PAINT) (6" WIDE) | | TRAFFIC STRIPE (PAINT) (24" WIDE) | TRAFFIC STRIPE (PAINT) (ARROWS) (LEFT) | TRAFFIC STRIPE (PAINT) (ARROWS) (RIGHT) | TRAFFIC STRIPE (PAINT) (SYMBOLS) | TRAFFIC STRIPE (PAINT) (WORDS) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 854(A) | | 854(A) | 854(B) | 854(B) | 854(B) | 854(B) |
| | | | | | LF | | LF | EA | EA | EA | EA |
| | | | | | WHITE | YELLOW | WHITE | | | | |
| SIGNING AND STRIPING EB (1) | 10+00.00 | TO | 16+00.00 | CRL BROWN PKWY | 150 | 395 | 80 | 1 | 1 | 11 | 11 |
| SIGNING AND STRIPING EB (2) | 16+00.00 | TO | 21+57.04 | CRL BROWN PKWY | 250 | 0 | 123 | 3 | 3 | 0 | 0 |
| | | | | | | | | | | | |
| TOTALS | | | | | 400 | 395 | 203 | 4 | 4 | 11 | 11 |
| | | | | | 795 | | | 8 | | | |


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CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS BROWN PARKWAY

SUMMARY OF QUANTITIES-TRAFFIC (1)

G007

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## LIGHTING BOLLARD SUMMARY

**CONSTRUCT SIDEWALKS, B07191** — **XTLF 23-1016**

| ITEM NO. | ALIGNMENT | STATION | OFFSET | NORTHING | EASTING | HIGH SECURITY LIGHTED BOLLARD & FOOTING | BROWN PKWY SIDEWALK LIGHTED BOLLARD & FOOTING |
|---|---|---|---|---|---|---|---|
| B01 | WB BROWN PKWY. | 10+12.00 | 18.8' LT. | - | - | - | 1 |
| B02 | WB BROWN PKWY. | 10+36.00 | 18.8' LT. | - | - | - | 1 |
| B03 | WB BROWN PKWY. | 10+60.00 | 18.8' LT. | - | - | - | 1 |
| B04 | WB BROWN PKWY. | 10+84.00 | 18.8' LT. | - | - | - | 1 |
| B05 | WB BROWN PKWY. | 11+08.00 | 18.8' LT. | - | - | - | 1 |
| B06 | WB BROWN PKWY. | 11+32.00 | 18.8' LT. | - | - | - | 1 |
| B07 | WB BROWN PKWY. | 11+56.00 | 18.8' LT. | - | - | - | 1 |
| B08 | WB BROWN PKWY. | 11+80.00 | 18.8' LT. | - | - | - | 1 |
| B09 | WB BROWN PKWY. | 12+04.00 | 18.8' LT. | - | - | - | 1 |
| B10 | WB BROWN PKWY. | 12+28.00 | 18.8' LT. | - | - | - | 1 |
| B11 | WB BROWN PKWY. | 12+52.00 | 18.8' LT. | - | - | - | 1 |
| B12 | WB BROWN PKWY. | 12+76.00 | 18.8' LT. | - | - | - | 1 |
| B13 | WB BROWN PKWY. | 13+00.00 | 18.8' LT. | - | - | - | 1 |
| B14 | WB BROWN PKWY. | 13+24.00 | 18.8' LT. | - | - | - | 1 |
| B15 | WB BROWN PKWY. | 13+48.00 | 18.8' LT. | - | - | - | 1 |
| B16 | WB BROWN PKWY. | 13+72.00 | 18.8' LT. | - | - | - | 1 |
| B17 | WB BROWN PKWY. | 13+96.00 | 18.8' LT. | - | - | - | 1 |
| B18 | WB BROWN PKWY. | 14+20.00 | 18.8' LT. | - | - | - | 1 |
| B19 | WB BROWN PKWY. | 14+44.00 | 18.8' LT. | - | - | - | 1 |
| B20 | WB BROWN PKWY. | 14+68.00 | 18.8' LT. | - | - | - | 1 |
| B21 | WB BROWN PKWY. | 14+92.00 | 18.8' LT. | - | - | - | 1 |
| B22 | WB BROWN PKWY. | 15+16.00 | 18.8' LT. | - | - | - | 1 |
| B23 | WB BROWN PKWY. | 15+40.00 | 18.8' LT. | - | - | - | 1 |
| B24 | WB BROWN PKWY. | 15+64.00 | 18.8' LT. | - | - | - | 1 |
| B25 | WB BROWN PKWY. | 15+88.00 | 18.8' LT. | - | - | - | 1 |
| B26 | WB BROWN PKWY. | 16+12.00 | 18.8' LT. | - | - | - | 1 |
| B27 | WB BROWN PKWY. | 16+36.00 | 18.8' LT. | - | - | - | 1 |
| B28 | WB BROWN PKWY. | 16+60.00 | 18.8' LT. | - | - | - | 1 |
| B29 | WB BROWN PKWY. | 16+84.00 | 18.8' LT. | - | - | - | 1 |
| B30 | WB BROWN PKWY. | 17+08.00 | 18.8' LT. | - | - | - | 1 |
| B31 | WB BROWN PKWY. | 17+32.00 | 18.8' LT. | - | - | - | 1 |
| B32 | WB BROWN PKWY. | 17+56.00 | 18.8' LT. | - | - | - | 1 |
| B33 | WB BROWN PKWY. | 17+80.00 | 18.8' LT. | - | - | - | 1 |
| B34 | WB BROWN PKWY. | 18+04.00 | 18.8' LT. | - | - | - | 1 |
| B35 | WB BROWN PKWY. | 18+28.00 | 18.8' LT. | - | - | - | 1 |
| B36 | WB BROWN PKWY. | 18+52.00 | 18.8' LT. | - | - | - | 1 |
| B37 | WB BROWN PKWY. | 18+76.00 | 18.8' LT. | - | - | - | 1 |
| B38 | WB BROWN PKWY. | 19+00.00 | 18.8' LT. | - | - | - | 1 |
| B39 | WB BROWN PKWY. | 19+24.00 | 18.8' LT. | - | - | - | 1 |
| B40 | WB BROWN PKWY. | 19+48.00 | 18.8' LT. | - | - | - | 1 |
| B41 | WB BROWN PKWY. | 19+72.00 | 18.8' LT. | - | - | - | 1 |
| B42 | WB BROWN PKWY. | 19+96.00 | 18.8' LT. | - | - | - | 1 |
| B43 | WB BROWN PKWY. | 20+20.00 | 18.8' LT. | - | - | - | 1 |
| B44 | WB BROWN PKWY. | 20+44.00 | 18.8' LT. | - | - | - | 1 |
| B45 | WB BROWN PKWY. | 20+68.00 | 18.8' LT. | - | - | - | 1 |
| B46 | WB BROWN PKWY. | 20+92.00 | 18.8' LT. | - | - | - | 1 |
| B47 | WB BROWN PKWY. | 21+16.00 | 18.8' LT. | - | - | - | 1 |
| B48 | WB BROWN PKWY. | 21+40.00 | 18.8' LT. | - | - | - | 1 |
| B49 | EB BROWN PKWY. | 10+00.00 | 18.8' RT. | - | - | - | 1 |
| B50 | EB BROWN PKWY. | 10+24.00 | 18.9' RT. | - | - | - | 1 |
| B51 | EB BROWN PKWY. | 10+48.00 | 19.2' RT. | - | - | - | 1 |
| B52 | EB BROWN PKWY. | 10+72.00 | 21' RT. | - | - | - | 1 |
| B53 | EB BROWN PKWY. | 10+96.00 | 21.76' RT. | - | - | - | 1 |
| B54 | EB BROWN PKWY. | 11+20.00 | 21.50' RT | - | - | - | 1 |
| B55 | EB BROWN PKWY. | 11+44.00 | 21.26' RT. | - | - | - | 1 |
| B56 | EB BROWN PKWY. | 11+68.00 | 21' RT. | - | - | - | 1 |
| B57 | EB BROWN PKWY. | 11+92.00 | 21.33 RT. | - | - | - | 1 |
| B58 | EB BROWN PKWY. | 12+16.00 | 21.32' RT. | - | - | - | 1 |
| B59 | EB BROWN PKWY. | 12+40.00 | 21.25' RT. | - | - | - | 1 |
| B60 | EB BROWN PKWY. | 12+64.00 | 21.25' RT. | - | - | - | 1 |
| B61 | EB BROWN PKWY. | 12+88.00 | 21.25' RT. | - | - | - | 1 |
| B62 | EB BROWN PKWY. | 13+12.00 | 21.25' RT. | - | - | - | 1 |
| B63 | EB BROWN PKWY. | 13+36.00 | 21.25' RT. | - | - | - | 1 |
| B64 | EB BROWN PKWY. | 13+60.00 | 21' RT. | - | - | - | 1 |
| B65 | EB BROWN PKWY. | 13+78.00 | 23.70' RT. | - | - | - | 1 |
| B66 | EB BROWN PKWY. | 14+02.00 | 20.13' RT. | - | - | - | 1 |
| B67 | EB BROWN PKWY. | 14+26.00 | 20.33' RT. | - | - | - | 1 |
| B68 | EB BROWN PKWY. | 14+50.00 | 20.72' RT. | - | - | - | 1 |
| B69 | EB BROWN PKWY. | 14+76.00 | 20.67' RT. | - | - | - | 1 |
| B70 | EB BROWN PKWY. | 15+24.00 | 20.60' RT. | - | - | - | 1 |
| B71 | EB BROWN PKWY. | 15+44.00 | 20.85' RT. | - | - | - | 1 |
| B72 | EB BROWN PKWY. | 16+08.00 | 20.85' RT. | - | - | - | 1 |
| B73 | EB BROWN PKWY. | 16+32.00 | 20.95' RT. | - | - | - | 1 |
| B74 | EB BROWN PKWY. | 16+64.00 | 20.85' RT. | - | - | - | 1 |
| B75 | EB BROWN PKWY. | 16+86.00 | 25.33' RT. | - | - | - | 1 |
| B76 | EB BROWN PKWY. | 17+45.00 | 32.30' RT | - | - | - | 1 |
| B77 | EB BROWN PKWY. | 17+66.00 | 32.45' RT. | - | - | - | 1 |
| B78 | EB BROWN PKWY. | 17+87.00 | 32.85' RT. | - | - | - | 1 |
| B79 | EB BROWN PKWY. | 18+08.00 | 32.93' RT. | - | - | - | 1 |
| B80 | EB BROWN PKWY. | 18+43.00 | 34.66' RT. | - | - | - | 1 |
| B81 | EB BROWN PKWY. | 18+60.00 | 24.92' RT. | - | - | - | 1 |
| B82 | EB BROWN PKWY. | 18+84.00 | 19.86' RT. | - | - | - | 1 |
| B83 | EB BROWN PKWY. | 19+08.00 | 19.94' RT. | - | - | - | 1 |
| B84 | EB BROWN PKWY. | 19+32.00 | 19.62' RT. | - | - | - | 1 |
| B85 | EB BROWN PKWY. | 19+56.00 | 19.55' RT. | - | - | - | 1 |
| B86 | EB BROWN PKWY. | 19+80.00 | 19.67' RT. | - | - | - | 1 |
| B87 | EB BROWN PKWY. | 20+04.00 | 19.53' RT. | - | - | - | 1 |
| B88 | EB BROWN PKWY. | 20+28.00 | 19.29' RT. | - | - | - | 1 |
| B89 | EB BROWN PKWY. | 20+52.00 | 19.17' RT. | - | - | - | 1 |
| B90 | EB BROWN PKWY. | 20+76.00 | 19.25' RT. | - | - | - | 1 |
| B91 | EB BROWN PKWY. | 21+00.00 | 19.14' RT. | - | - | - | 1 |
| B92 | EB BROWN PKWY. | 21+24.00 | 19.14' RT. | - | - | - | 1 |
| B93 | EB BROWN PKWY. | 21+46.00 | 33.60' RT | - | - | - | 1 |
| B94 | EB BROWN PKWY. | 21+55.00 | 54.60' RT. | - | - | - | 1 |

## LIGHTING BOLLARD SUMMARY

**CONSTRUCT SIDEWALKS, B07191** — **XTLF 23-1016**

| ITEM NO. | ALIGNMENT | STATION | OFFSET | NORTHING | EASTING | HIGH SECURITY LIGHTED BOLLARD & FOOTING | BROWN PKWY SIDEWALK LIGHTED BOLLARD & FOOTING |
|---|---|---|---|---|---|---|---|
| B95 | - | - | - | 487,704.30 | 1,998,257.42 | - | 1 |
| B96 | - | - | - | 487,882.21 | 1,998,257.34 | - | 1 |
| B97 | - | - | - | 487,858.25 | 1,998,257.43 | - | 1 |
| B98 | - | - | - | 487,836.23 | 1,998,257.50 | - | 1 |
| B99 | - | - | - | 487,814.55 | 1,998,257.98 | - | 1 |
| B100 | - | - | - | 487,774.25 | 1,998,257.36 | - | 1 |
| B101 | - | - | - | 487,752.23 | 1,998,256.78 | - | 1 |
| B102 | - | - | - | 487,727.17 | 1,998,256.45 | - | 1 |
| B103 | - | - | - | 487,704.32 | 1,998,257.46 | - | 1 |
| B104 | - | - | - | 487,803.51 | 1,997,165.68 | - | 1 |
| B105 | - | - | - | 487,796.86 | 1,997,175.35 | - | 1 |
| B106 | - | - | - | 487,796.77 | 1,997,155.99 | - | 1 |
| B107 | - | - | - | 487,822.05 | 1,997,417.30 | - | 1 |
| B108 | - | - | - | 487,799.83 | 1,997,417.58 | - | 1 |
| B109 | - | - | - | 487,777.77 | 1,997,417.76 | - | 1 |
| SB01 | - | - | - | 487,923.70 | 1,997,014.31 | 1 | - |
| SB02 | - | - | - | 487,914.96 | 1,997,022.84 | 1 | - |
| SB03 | - | - | - | 487,893.58 | 1,997,044.15 | 1 | - |
| SB04 | - | - | - | 487,906.22 | 1,997,031.36 | 1 | - |
| SB05 | - | - | - | 487,884.87 | 1,997,052.70 | 1 | - |
| SB06 | - | - | - | 487,876.15 | 1,997,061.25 | 1 | - |
| SB07 | - | - | - | 487,867.56 | 1,997,070.01 | 1 | - |
| SB08 | - | - | - | 487,858.85 | 1,997,078.56 | 1 | - |
| SB09 | - | - | - | 487,849.67 | 1,997,086.17 | 1 | - |
| SB10 | - | - | - | 487,839.58 | 1,997,092.64 | 1 | - |
| SB11 | - | - | - | 487,828.52 | 1,997,097.79 | 1 | - |
| SB12 | - | - | - | 487,816.88 | 1,997,101.11 | 1 | - |
| SB13 | - | - | - | 487,784.06 | 1,997,101.11 | 1 | - |
| SB14 | - | - | - | 487,772.43 | 1,997,097.79 | 1 | - |
| SB15 | - | - | - | 487,761.36 | 1,997,092.64 | 1 | - |
| SB16 | - | - | - | 487,751.27 | 1,997,086.17 | 1 | - |
| SB17 | - | - | - | 487,742.04 | 1,997,078.54 | 1 | - |
| SB18 | - | - | - | 487,733.33 | 1,997,069.99 | 1 | - |
| SB19 | - | - | - | 487,724.74 | 1,997,061.22 | 1 | - |
| SB20 | - | - | - | 487,716.03 | 1,997,052.67 | 1 | - |
| SB21 | - | - | - | 487,707.32 | 1,997,044.11 | 1 | - |
| SB22 | - | - | - | 487,695.82 | 1,997,031.63 | 1 | - |
| SB23 | - | - | - | 487,687.11 | 1,997,023.08 | 1 | - |
| SB24 | - | - | - | 487,678.40 | 1,997,014.53 | 1 | - |


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CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG
CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY

SUMMARY OF QUANTITIES-TRAFFIC (2)

G008

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

SITE BENCHMARK #300
CUT "X" IN CONC.
N: 488089.147
E: 1996871.381
EL: 1283.68

SITE CONTROL POINT #4
½" IRON BAR W/ CAP
N: 488095.048
E: 1996922.882
EL: 1284.17

SSMH
TR=1283.70
℄ SE=1278.28 12" PVC

| POINT CONTROL TABLE | | | | |
|---|---|---|---|---|
| POINT # | NORTHING | EASTING | ELEVATION | FULL DESCRIPTION |
| 1 | 487985.465 | 1998176.285 | 1285.82 | CTL |
| 4 | 488095.048 | 1996922.882 | 1284.17 | CTL |
| 5 | 487683.892 | 1997038.865 | 1286.34 | CTL |
| 300 | 488089.147 | 1996871.381 | 1284.17 | TBM |
| | | | | |

## SITE LEGEND

- SS — EXISTING SANITARY SEWER
- SD — EXISTING STORM SEWER
- P–OH — EXISTING OVERHEAD POWER LINE
- P–UG — EXISTING UNDERGROUND POWER LINE
- EXISTING FENCE
- W — EXISTING WATER MAIN
- G — EXISTING GAS MAIN
- TEL — EXISTING TELEPHONE LINE
- FO — EXISTING FIBER OPTIC LINE
- EXISTING BUILDING

- GV — GAS VALVE
- LIGHT POLE
- TP — TELEPHONE PEDESTAL
- POWER POLE
- S — SANITARY MANHOLE
- D — STORM SEWER MANHOLE
- AC — AIR CONDITIONER
- DECIDUOUS TREE
- SITE CONTROL POINT
- TC — EXISTING TELECOM BOX
- EM — ELECTRIC METER
- FIRE HYDRANT
- WM — WATER METER
- WV — WATER VALVE
- SANITARY CLEANOUT
- GM — GAS METER

N

0' 10' 20' 40'
SCALE IN FEET

GRASS
ELECTRIC MANHOLE
WATER METER
STMH
TR=1284.72
℄ WSW=1279.62 15" RCP
℄ ENE=1279.53 12" RCP
6" PVC
FL=1283.78
STMH
TR=1285.26
℄ NE=1280.11 15" RCP
WEAVER STREET
ASPHALT
SIDEWALK
THOMPSON AVENUE
FIRE HYDRANT
13" PVC
FL=1282.89
STMH
TR=1285.28
℄ NE=1280.40
15" RCP
6" PVC
FL=1284.35
TELE. MANHOLE
STMH
TR=1287.59
FACILITY 200 — HEADQUARTERS BUILDING
FINISH FLOOR
ELEV.=1288.81
CONCRETE
BUILDING
IRRIGATION VALVES
CLEANOUT
SIDEWALK
GRASS
FLAG POLE (TYP.)
STMH
TR=1286.28
℄ NE=1277.53 24" RCP
℄ SW=1277.53 24" RCP
SITE CONTROL POINT #5
½" IRON BAR W/ CAP
N: 487683.892
E: 1997038.865
EL: 1286.34
FIRE HYDRANT
STMH
TR=1286.37
℄ W=1280.25 15" RCP
℄ NE=1277.99 18" RCP
℄ SW=1277.99 18" RCP
STMH
TR=1285.32
℄ E=1282.07 15" RCP
CONCRETE
WATER METERS
FIRE HYDRANT
ANDERSON ST.
SIGN "YIELD"
STMH
TR=1285.03
℄ NW=1276.21 48" RCP
℄ SE=1276.21 48" RCP
8" PVC
FL=1283.82
STMH
TR=1285.09
℄ NW=1276.44 SIZE UNKNOWN
℄ S=1282.69 10" PVC
STMH
TR=1285.52
℄ NW=1276.80 48" RCP
℄ SW=1276.87 30"RCP
10" PVC
FL=1274.28
SSMH
TR=1282.69
℄ NW=1276.55 12" PVC
℄ SE=1276.65 10" PVC
℄ SW=1276.71 12" PVC
CONC. SIGN
"VANCE AFB"
FLAG POLE
CONC.
2" IRRIGATION LINE (PER ATLAS)
CURB INLET
TG=1285.52
℄ SE=1284.30 12" CMP
TELE. PEDESTAL
ELEC. PEDESTAL
GRATE INLET
TG=1286.34
℄ S=1284.87 12" CMP
℄ E=1284.78 12" RCP
TELE. CABINET
TRANSFORMER
SSMH
TR=1286.50
℄ NE&SW=1280.14 10" PVC
℄ NW=1281.20 10" PVC
SIDEWALK
P–UG
TEL
SD
SS
W
FO
1285
1286
1287

MATCHLINE REF: SHEET G010


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JUNE 30, 2022

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TEL 405.242.6600
CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY

EXISTING CONDITIONS (1)

G009

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## SITE LEGEND

- SS — EXISTING SANITARY SEWER
- SD — EXISTING STORM SEWER
- P–OH — EXISTING OVERHEAD POWER LINE
- P–UG — EXISTING UNDERGROUND POWER LINE
- EXISTING FENCE
- W — EXISTING WATER MAIN
- G — EXISTING GAS MAIN
- TEL — EXISTING TELEPHONE LINE
- FO — EXISTING FIBER OPTIC LINE
- EXISTING BUILDING
- GV — GAS VALVE
- LIGHT POLE
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- S — SANITARY MANHOLE
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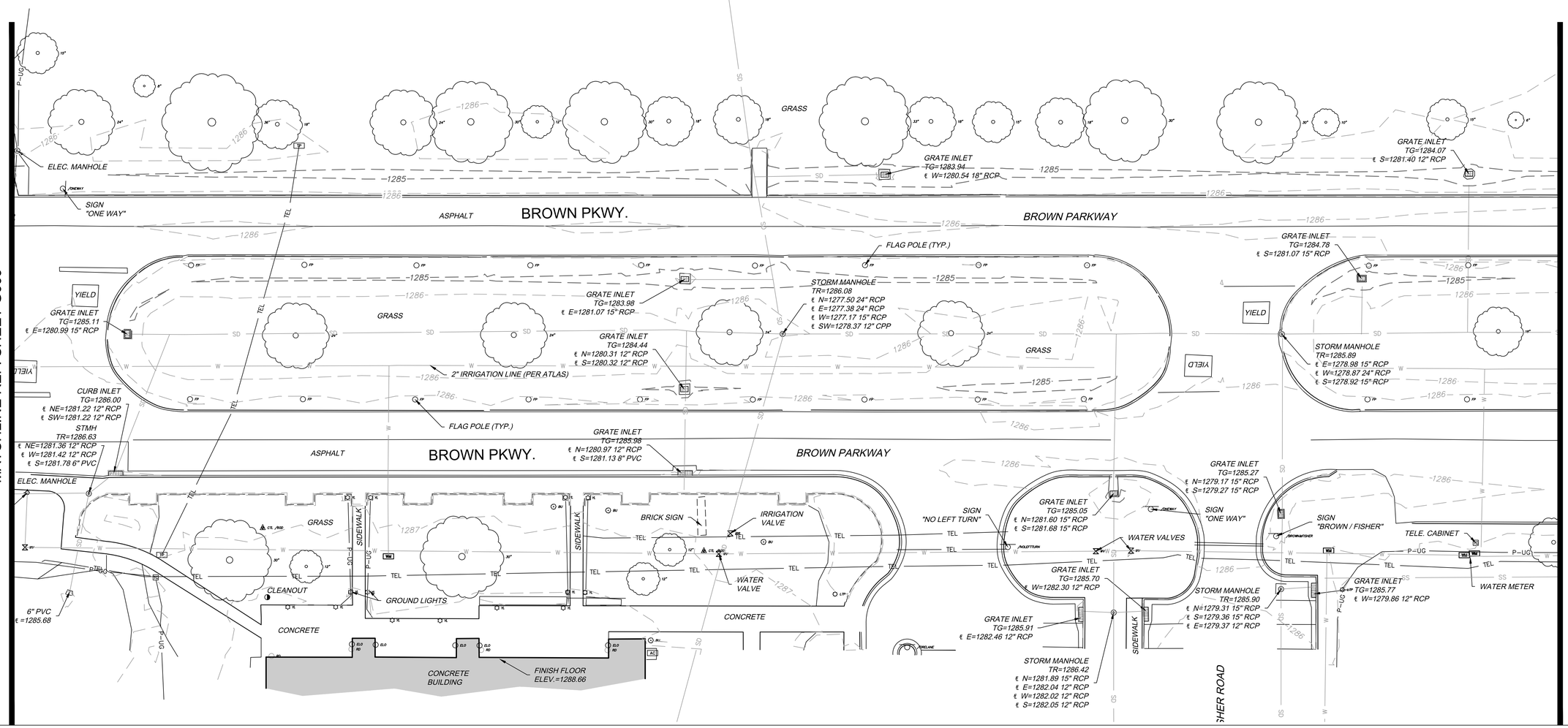
- AC — AIR CONDITIONER
- DECIDUOUS TREE
- SITE CONTROL POINT
- TC — EXISTING TELECOM BOX
- EM — ELECTRIC METER
- FIRE HYDRANT
- WM — WATER METER
- WV — WATER VALVE
- SANITARY CLEANOUT
- GM — GAS METER

### POINT CONTROL TABLE

| POINT # | NORTHING | EASTING | ELEVATION | FULL DESCRIPTION |
|---|---|---|---|---|
| 1 | 487985.465 | 1998176.285 | 1285.82 | CTL |
| 4 | 488095.048 | 1996922.882 | 1284.17 | CTL |
| 5 | 487683.892 | 1997038.865 | 1286.34 | CTL |
| 300 | 488089.147 | 1996871.381 | 1284.17 | TBM |
| | | | | |

N

0' 10' 20' 40'
SCALE IN FEET


STMH
TR=1284.57
℄ S=1274.99 24" RCP
℄ N=N/A
MATCHLINE REF: SHEET G009
MATCHLINE REF: SHEET G011
ELEC. MANHOLE
SIGN "ONE WAY"
ASPHALT
BROWN PKWY.
BROWN PARKWAY
GRASS
GRATE INLET TG=1283.94 ℄ W=1280.54 18" RCP
GRATE INLET TG=1284.07 ℄ S=1281.40 12" RCP
FLAG POLE (TYP.)
GRATE INLET TG=1283.98 ℄ E=1281.07 15" RCP
STORM MANHOLE TR=1286.08 ℄ N=1277.50 24" RCP ℄ E=1277.38 24" RCP ℄ W=1277.17 15" RCP ℄ SW=1278.37 12" CPP
GRATE INLET TG=1284.44 ℄ N=1280.31 12" RCP ℄ S=1280.32 12" RCP
2" IRRIGATION LINE (PER ATLAS)
GRATE INLET TG=1284.78 ℄ S=1281.07 15" RCP
YIELD
GRATE INLET TG=1285.11 ℄ E=1280.99 15" RCP
STORM MANHOLE TR=1285.89 ℄ E=1278.98 15" RCP ℄ W=1278.87 24" RCP ℄ S=1278.92 15" RCP
CURB INLET TG=1286.00 ℄ NE=1281.22 12" RCP ℄ SW=1281.22 12" RCP
STMH TR=1286.63 ℄ NE=1281.36 12" RCP ℄ W=1281.42 12" RCP ℄ S=1281.78 6" PVC
GRATE INLET TG=1285.98 ℄ N=1280.97 12" RCP ℄ S=1281.13 8" PVC
GRATE INLET TG=1285.27 ℄ N=1279.17 15" RCP ℄ S=1279.27 15" RCP
GRATE INLET TG=1285.05 ℄ N=1281.60 15" RCP ℄ S=1281.68 15" RCP
SIGN "NO LEFT TURN"
SIGN "ONE WAY"
SIGN "BROWN / FISHER"
TELE. CABINET
WATER VALVES
GRATE INLET TG=1285.70 ℄ W=1282.30 12" RCP
GRATE INLET TG=1285.91 ℄ E=1282.46 12" RCP
STORM MANHOLE TR=1285.90 ℄ N=1279.31 15" RCP ℄ S=1279.36 15" RCP ℄ E=1279.37 12" RCP
GRATE INLET TG=1285.77 ℄ W=1279.86 12" RCP
WATER METER
STORM MANHOLE TR=1286.42 ℄ N=1281.89 15" RCP ℄ E=1282.04 12" RCP ℄ W=1282.02 12" RCP ℄ S=1282.05 12" RCP
BRICK SIGN
IRRIGATION VALVE
WATER VALVE
GROUND LIGHTS
CLEANOUT
6" PVC ℄ =1285.68
SIDEWALK
CONCRETE
CONCRETE BUILDING
FINISH FLOOR ELEV.=1288.66
GOLF CART CROSSING
GOLF CART CROSSING
GOLF CART CROSSING

| POINT CONTROL TABLE | | | | |
|---|---|---|---|---|
| POINT # | NORTHING | EASTING | ELEVATION | FULL DESCRIPTION |
| 1 | 487985.465 | 1998176.285 | 1285.82 | CTL |
| 4 | 488095.048 | 1996922.882 | 1284.17 | CTL |
| 5 | 487683.892 | 1997038.865 | 1286.34 | CTL |
| 300 | 488089.147 | 1996871.381 | 1284.17 | TBM |
| | | | | |

## SITE LEGEND

- SS — EXISTING SANITARY SEWER
- SD — EXISTING STORM SEWER
- P–OH — EXISTING OVERHEAD POWER LINE
- P–UG — EXISTING UNDERGROUND POWER LINE
- EXISTING FENCE
- W — EXISTING WATER MAIN
- G — EXISTING GAS MAIN
- TEL — EXISTING TELEPHONE LINE
- FO — EXISTING FIBER OPTIC LINE
- EXISTING BUILDING

- GV — GAS VALVE
- LIGHT POLE
- TP — TELEPHONE PEDESTAL
- POWER POLE
- S — SANITARY MANHOLE
- D — STORM SEWER MANHOLE
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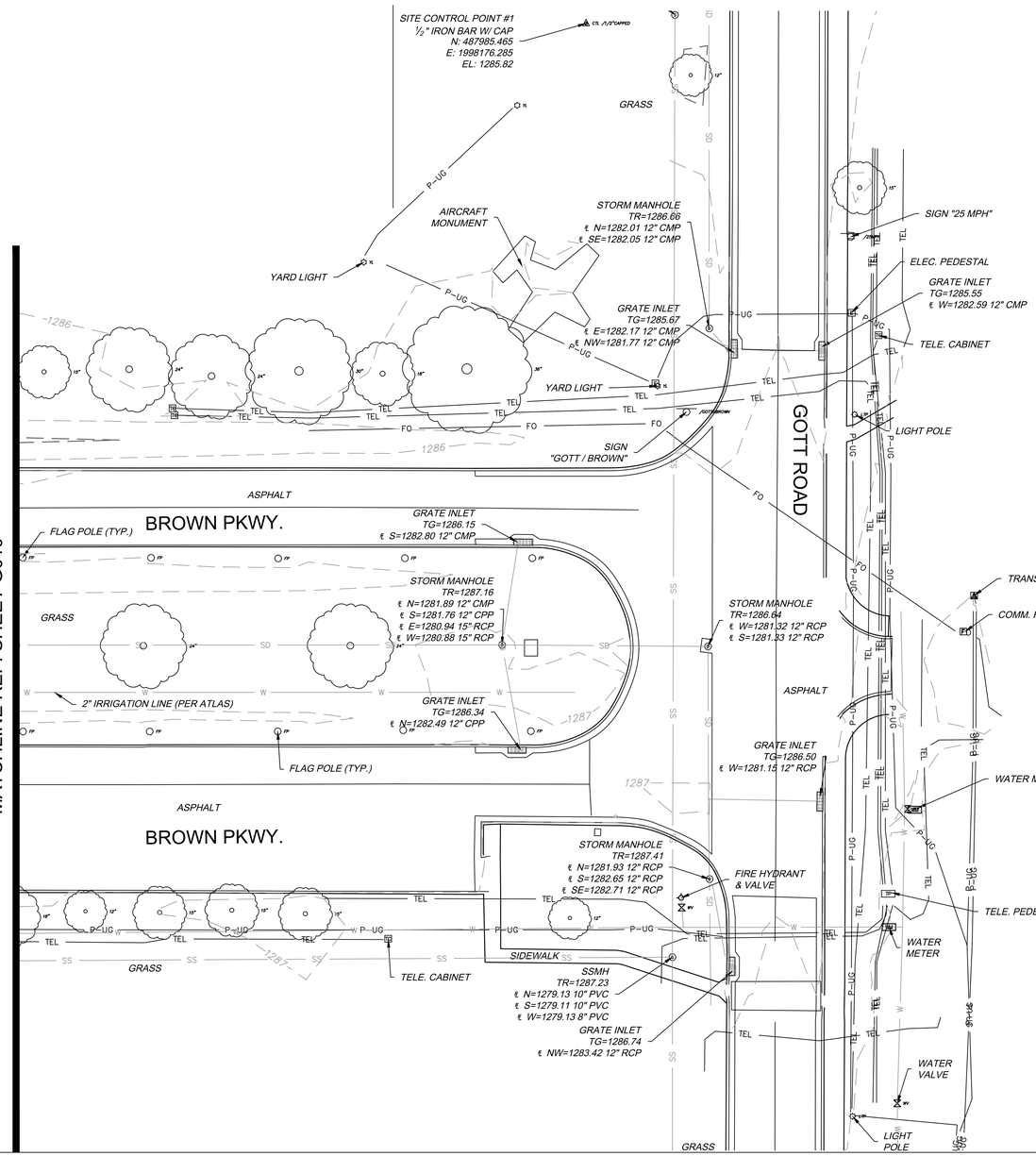
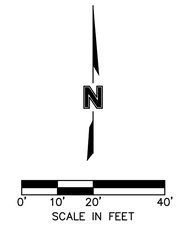
- WV — WATER VALVE
- SANITARY CLEANOUT
- GM — GAS METER




MATCHLINE REF: SHEET G010

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CA# 2483 Expires: June 30, 2021

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DRAWN BY: BG
CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY

EXISITNG CONDITIONS (3)

G011

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

EX-1
AREA=1.13 AC
To=55'
Tc=275'
Q25=4.6 CFS
Q50=6.5 CFS

BROWN PARKWAY

EX-2
AREA=0.50 AC
To=28'
Tc=144'
Q25=2.1 CFS
Q50=2.9 CFS

EX-3
AREA=0.06 AC
To=32'
Tc=25'
Q25=0.5 CFS
Q50=0.6 CFS

EX-4
AREA=0.40 AC
To=30'
Tc=188'
Q25=1.6 CFS
Q50=1.9 CFS

EX-5
AREA=0.40 AC
To=26'
Tc=190'
Q25=1.6 CFS
Q50=1.9 CFS

EX-6
AREA=0.50 AC
To=33'
Tc=122'
Q25=1.9 CFS
Q50=2.3 CFS

BROWN PARKWAY

THOMPSON AVE.

ANDERSON ST.

GOTT RORAD

EX-11
AREA=0.23 AC
To=70'
Tc=194'
Q25=0.7 CFS
Q50=0.9 CFS

EX-13
AREA=0.53 AC
To=195'
Tc=190'
Q25=2.2 CFS
Q50=2.8 CFS

EX-10
AREA=0.58 AC
To=174'
Tc=56'
Q25=1.5 CFS
Q50=1.9 CFS

EX-9
AREA=0.72 AC
To=206'
Tc=44'
Q25=2.1 CFS
Q50=2.6 CFS

EX-8
AREA=0.44 AC
To=197'
Tc=148'
Q25=1.0 CFS
Q50=1.2 CFS

EX-12
AREA=1.6 AC
To=300'
Tc=0'
Q25=2.9 CFS
Q50=3.6 CFS

EX-14
AREA=0.40 AC
To=100'
Tc=25'
Q25=1.3 CFS
Q50=1.6 CFS

N

0' 20' 40' 80'
SCALE IN FEET


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DRAWN BY: BG
CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY

## EXISTING DRAINAGE MAP

G012

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

HIGH POINT

LOW POINT

THOMPSON AVE.

ANDERSON ST.

BROWN PARKWAY

BROWN PARKWAY

EXISTING MANHOLE

MANHOLE A

MANHOLE B

MANHOLE C

MANHOLE D

MANHOLE E

MANHOLE F

MANHOLE G

MANHOLE H

MANHOLE K

MANHOLE L

MANHOLE M

INLET 1

INLET 2

INLET 3

INLET 4

INLET 5

INLET 6

INLET 7

INLET 8

INLET 9

INLET 10

INLET 11

INLET 12

INLET 13

INLET 14

INLET 15

INLET 16

INLET 17

INLET 18

INLET 19

INLET 20

INLET 21

INLET 22

INLET 23

INLET 24

INLET 25

INLET 26

GOTT ROAD

PR-1
AREA=0.06 AC
To=12'
Tc=158'
Q25=0.5 CFS
Q50=0.6 CFS

PR-2
AREA=.16 AC
To=25'
Tc=160'
Q25=0.8 CFS
Q50=1 CFS

PR-3
AREA=.25 AC
To=30'
Tc=270'
Q25=1.2 CFS
Q50=1.5 CFS

PR-4
AREA=.63 AC
To=100'
Tc=196'
Q25=2.2 CFS
Q50=2.7 CFS

PR-4o
AREA=.1 AC
To=69'
Tc=55'
Q25=0.4 CFS
Q50=0.6 CFS

PR-5
AREA=.07 AC
To=12'
Tc=166'
Q25=0.5 CFS
Q50=0.6 CFS

PR-6
AREA=.16 AC
To=31'
Tc=166'
Q25=0.8 CFS
Q50=0.9 CFS

PR-7
AREA=.07 AC
To=12'
Tc=145'
Q25=0.5 CFS
Q50=0.6 CFS

PR-8
AREA=.15 AC
To=26'
Tc=145'
Q25=0.7 CFS
Q50=0.9 CFS

PR-9
AREA=.05 AC
To=28'
Tc=55'
Q25=0.3 CFS
Q50=0.3 CFS

PR-10
AREA=.15 AC
To=25'
Tc=152'
Q25=0.7 CFS
Q50=0.8 CFS

PR-11
AREA=.31 AC
To=68'
Tc=150'
Q25=1.6 CFS
Q50=2.0 CFS

PR-12
AREA=.11 AC
To=12'
Tc=158'
Q25=0.8 CFS
Q50=1.0 CFS

PR-13
AREA=.24 AC
To=27'
Tc=150'
Q25=1.5 CFS
Q50=1.8 CFS

PR-14
AREA=.24 AC
To=27'
Tc=152'
Q25=1.3 CFS
Q50=1.6 CFS

PR-15
AREA=.57 AC
To=193'
Tc=59'
Q25=1.9 CFS
Q50=2.4 CFS

PR-16
AREA=.07 AC
To=12'
Tc=175'
Q25=0.5 CFS
Q50=0.6 CFS

PR-17
AREA=.17 AC
To=27'
Tc=174'
Q25=0.9 CFS
Q50=1.0 CFS

PR-18
AREA=.17 AC
To=27'
Tc=172'
Q25=0.8 CFS
Q50=1.0 CFS

PR-19
AREA=.60 AC
To=206'
Tc=177'
Q25=1.7 CFS
Q50=2.2 CFS

PR-20
AREA=.02 AC
To=12'
Tc=110'
Q25=0.2 CFS
Q50=0.2 CFS

PR-21
AREA=.08 AC
To=26'
Tc=110'
Q25=0.5 CFS
Q50=0.6 CFS

PR-22
AREA=.04 AC
To=27'
Tc=44'
Q25=0.2 CFS
Q50=0.3 CFS

PR-23
AREA=.05 AC
To=58'
Tc=0'
Q25=0.4 CFS
Q50=0.5 CFS

PR-24
AREA=.05 AC
To=65'
Tc=44'
Q25=0.2 CFS
Q50=0.3 CFS

PR-25
AREA=.39 AC
To=100'
Tc=97'
Q25=1.4 CFS
Q50=1.8 CFS

PR-26
AREA=1.06 AC
To=12'
Tc=314'
Q25=5.0 CFS
Q50=6.1 CFS

N

0' 20' 40' 80'
SCALE IN FEET


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DRAWN BY: BG
CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY

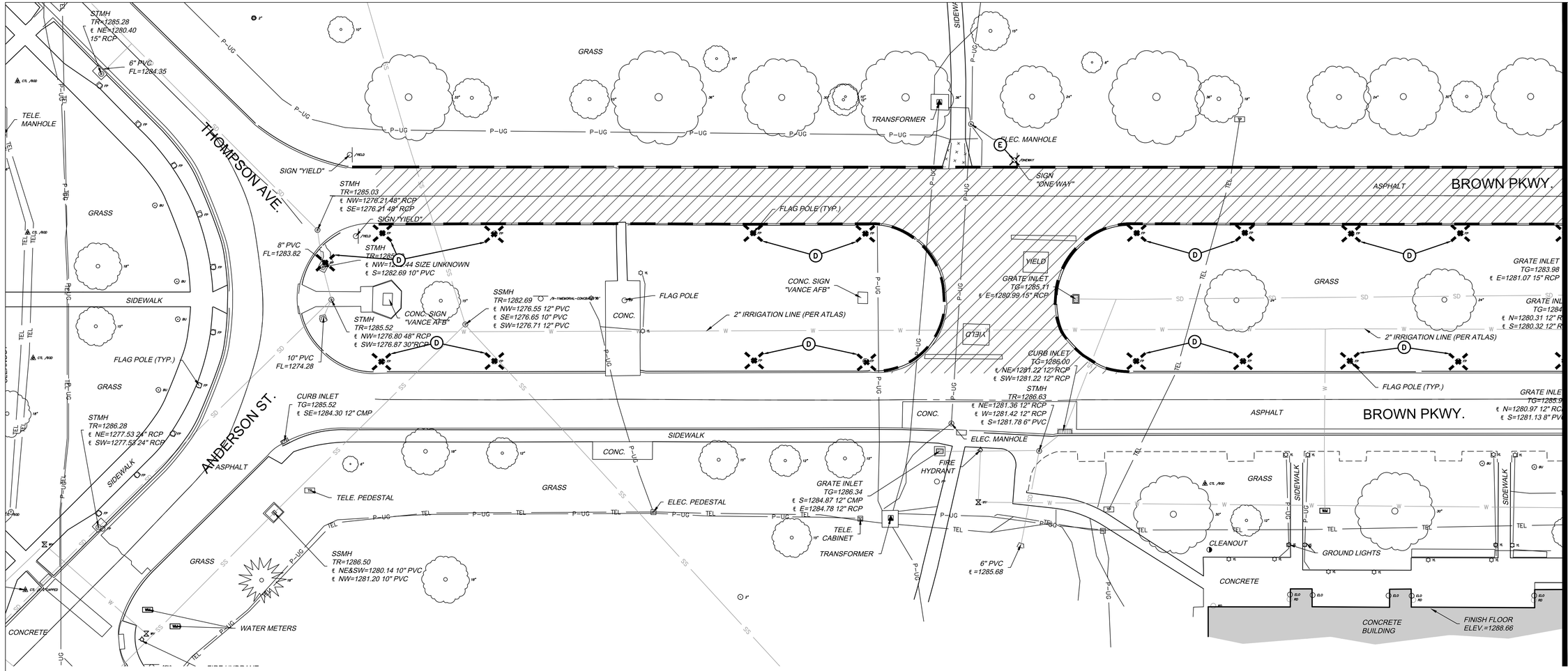
## PROPOSED DRAINAGE MAP

G013

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




## DEMOLITION LEGEND

- DEMOLITION OF ASPHALT
- DEMOLITION OF SIDEWALK
- DEMOLITION OF CONCRETE
- REMOVE EXISTING STORM SEWER
- REMOVE EXISTING CONCRETE CURB AND GUTTER
- (A) REMOVE EXISTING STORM INLET
- (B) REMOVE EXISTING STORM MANHOLE
- (C) REMOVE EXISTING TREE
- (D) REMOVE AND STORE EXISTING FLAGPOLE. COORDINATE STORAGE LOCATION OF FLAG POLES WITH CONSTRUCTION MANAGEMENT.
- (E) REMOVE EXISTING SIGN

N

0' 10' 20' 40'
SCALE IN FEET

MATCHLINE REF: SHEET C102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PROJECT NO.: XTLF21-1045PA

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

DEMOLITION PLAN (1) - WB PH1

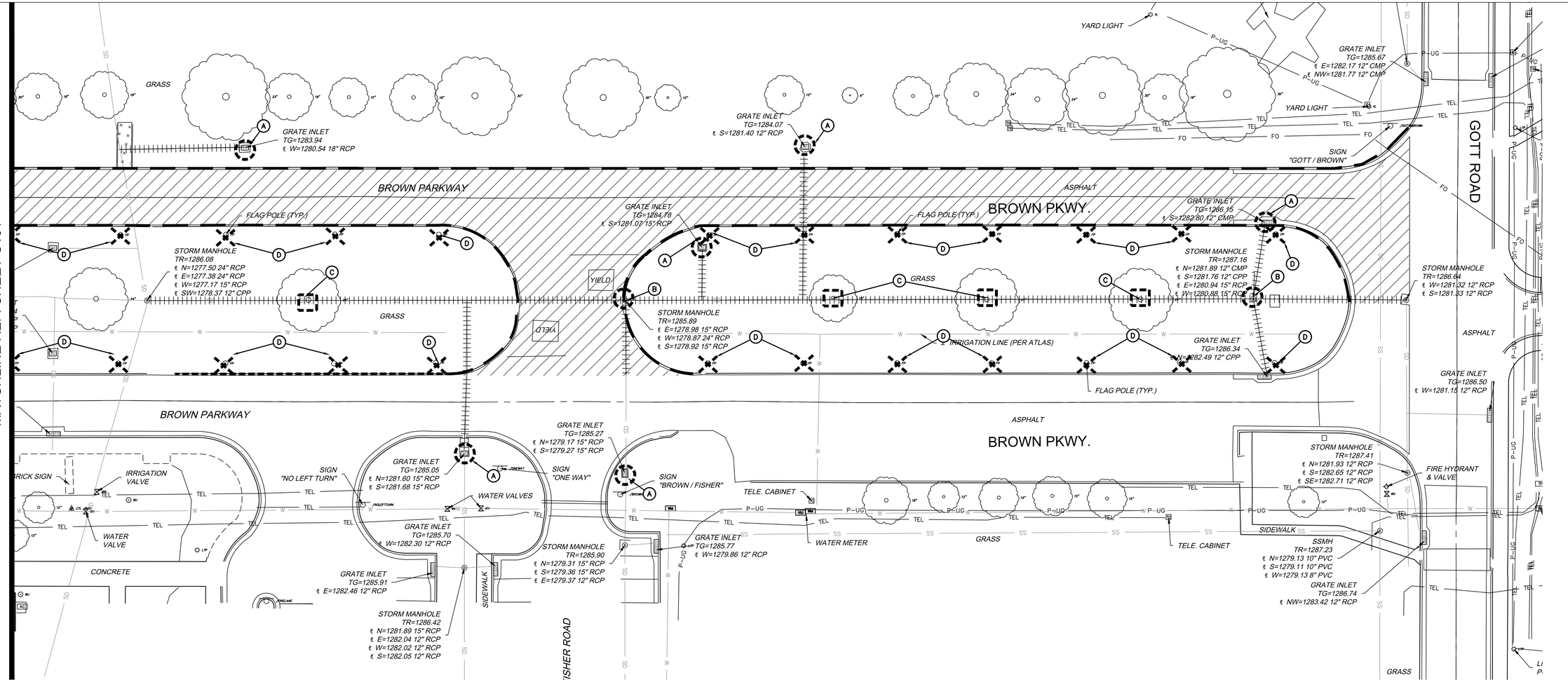
C101

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

MATCHLINE REF: SHEET C101




## DEMOLITION LEGEND

- DEMOLITION OF ASPHALT
- DEMOLITION OF SIDEWALK
- DEMOLITION OF CONCRETE
- REMOVE EXISTING STORM SEWER
- REMOVE EXISTING CONCRETE CURB AND GUTTER
- (A) REMOVE EXISTING STORM INLET
- (B) REMOVE EXISTING STORM MANHOLE
- (C) REMOVE EXISTING TREE
- (D) REMOVE AND STORE EXISTING FLAGPOLE. COORDINATE STORAGE LOCATION OF FLAG POLES WITH CONSTRUCTION MANAGEMENT.

N

0' 10' 20' 40'
SCALE IN FEET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DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

DEMOLITION PLAN (2) - WB PH1

C102

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

THOMPSON AVE.

ANDERSON ST.

BROWN PKWY.

TEMPORARY ROCK BAG CURB INLET BARRIER REF: DETAIL THIS SHEET

PLACE FILTER FABRIC BELOW GRATE

MATCHLINE, SEE SHEET C105

FL=1282.19

STMH TR=1285.28 ℄ NE=1280.40 15" RCP

6" PVC FL=1284.35

TELE. MANHOLE

SIGN "YIELD"

STMH TR=12 ℄ NW= ℄ SE=

8" PVC FL=1283.82

STMH TR=1285.09 ℄ NW=1276.44 SIZE UNKNOWN ℄ S=1282.69 10" PVC

STMH TR=1285.52 ℄ NW=1276.60 48" RCP SW=1276.87 30"RCP

10" PVC FL=1274.28

CONC. SIGN "VANCE AFB"

SSMH TR=1282.69 ℄ NW=1276.55 12" PVC ℄ SE=1276.65 10" PVC ℄ SW=1276.71 12" PVC

FLAG POLE

CONC. SIGN "VANCE AFB"

2" IRRIGATION LINE (PER ATLAS)

CURB INLET TG=1285.52 ℄ SE=1284.30 12" CMP

STMH TR=1286.28 ℄ NE=1277.53 24" RCP ℄ SW=1277.53 24" RCP

FLAG POLE (TYP.)

SIDEWALK

ASPHALT

CONC.

GRASS

TELE. PEDESTAL

ELEC. PEDESTAL

GRATE INLET TG=1286.34 ℄ S=1284.87 12" CMP ℄ E=1284.78 12" RCP

TELE. CABINET

TRANSFORMER

SSMH TR=1286.50 ℄ NE&SW=1280.14 10" PVC ℄ NW=1281.20 10" PVC

WATER METERS

6" PVC ℄ =1285.68

FIRE HYDRANT

ELEC. MANHOLE

CURB INLET TG=1286.00 ℄ NE=1281.22 12" RCP ℄ SW=1281.22 12" RCP

STMH TR=1286.63 ℄ NE=1281.36 12" RCP ℄ W=1281.42 12" RCP ℄ S=1281.78 6" PVC

GRATE INLET TG=1283.98 ℄ E=1281.07 15" RCP

GRATE INLE TG=1284.4 ℄ N=1280.31 12" RC ℄ S=1280.32 12" RC

GRATE INLET TG=1285.98 ℄ N=1280.97 12" RCP ℄ S=1281.13 8" PVC

CLEANOUT

GROUND LIGHTS

CONCRETE

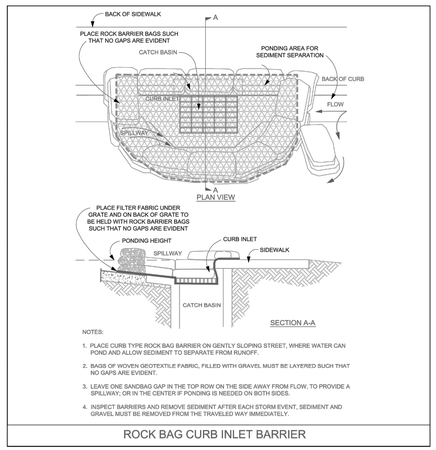
## LEGEND

- SILT FENCE MUST BE INSTALLED IN NO GREATER THAN 100' RUNS; THE ENDS OF EACH RUN MUST TURN UPHILL ('J' HOOKS) FOR AN APPROPRIATE DISTANCE TO KEEP WATER FROM FLOWING TO THE NEXT SECTION.
- DISTURBED AREA (2.12 ACRES ±)
- CONSTRUCTION ENTRANCE/EXIT (REF. DETAIL)
- CONCRETE WASHOUT
- ROCK BAG CURB INLET PROTECTION
- FLOW ARROWS

N

0' 10' 20' 40'

SCALE IN FEET




NOTES:

1. PLACE CURB TYPE ROCK BAG BARRIER ON GENTLY SLOPING STREET, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

ROCK BAG CURB INLET BARRIER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TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

ASRC FEDERAL

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CA# 07864 EXPIRES
JUNE 30, 2022

olsson

11600 Broadway Ext. / Ste. 300
Oklahoma City, OK 73114
TEL 405.242.6600
CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

EROSION CONTROL PLAN
(1) - WB PH1

C103

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

MATCHLINE, SEE SHEET C104

BROWN PKWY.

BROWN PARKWAY

GOTT ROAD

TEMPORARY ROCK BAG CURB INLET BARRIER REF: DETAIL THIS SHEET

CONCRETE WASHOUT AND GRAVEL CONSTRUCTION ENTRANCE. REF: DETAIL, THIS SHEET

STORM MANHOLE TR=1286.08 ℄ N=1277.50 24" RCP ℄ E=1277.38 24" RCP ℄ W=1277.17 15" RCP ℄ SW=1278.37 12" CPP

STORM MANHOLE TR=1286.66 ℄ N=1282.01 12" CMP ℄ SE=1282.05 12" CMP

STORM MANHOLE TR=1286.64 ℄ W=1281.32 12" RCP ℄ S=1281.33 12" RCP

STORM MANHOLE TR=1287.41 ℄ N=1281.93 12" RCP ℄ S=1282.65 12" RCP ℄ SE=1282.71 12" RCP

STORM MANHOLE TR=1285.90 ℄ N=1279.31 15"RCP ℄ S=1279.36 15" RCP ℄ E=1279.37 12" RCP

SSMH TR=1287.23 ℄ N=1279.13 10" PVC ℄ S=1279.11 10" PVC ℄ W=1279.13 8" PVC

GRATE INLET TG=1285.67 ℄ E=1282.17 12" CMP ℄ NW=1281.77 12" CMP

GRATE INLET TG=1286.34 ℄ N=1282.49 12" CPP

GRATE INLET TG=1286.50 ℄ W=1281.15 12" RCP

GRATE INLET TG=1285.70 ℄ W=1282.30 12" RCP

GRATE INLET TG=1285.91 ℄ E=1282.46 12" RCP

GRATE INLET TG=1285.77 ℄ W=1279.86 12" RCP

GRATE INLET TG=1286.74 ℄ NW=1283.42 12" RCP

2" IRRIGATION LINE (PER ATLAS)

WATER VALVES

WATER METER

TELE. CABINET

FIRE HYDRANT & VALVE

IRRIGATION VALVE

SIGN "NO LEFT TURN"

SIGN "ONE WAY"

SIGN "BROWN / FISHER"

GRASS

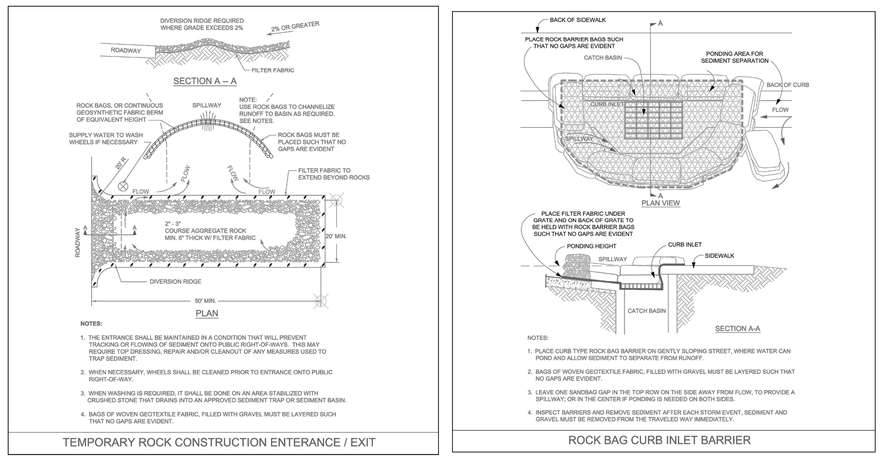
ASPHALT

CONCRETE

SIDEWALK

YARD LIGHT

AIRCRAFT MONUMENT




NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.

TEMPORARY ROCK CONSTRUCTION ENTERANCE / EXIT




NOTES:

1. PLACE CURB TYPE ROCK BAG BARRIER ON GENTLY SLOPING STREET, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

ROCK BAG CURB INLET BARRIER

## LEGEND

- SILT FENCE MUST BE INSTALLED IN NO GREATER THAN 100' RUNS; THE ENDS OF EACH RUN MUST TURN UPHILL ('J' HOOKS) FOR AN APPROPRIATE DISTANCE TO KEEP WATER FROM FLOWING TO THE NEXT SECTION.
- DISTURBED AREA (2.12 ACRES ±)
- CONSTRUCTION ENTRANCE/EXIT (REF. DETAIL)
- CONCRETE WASHOUT
- ROCK BAG CURB INLET PROTECTION
- FLOW ARROWS

N

0' 10' 20' 40'

SCALE IN FEET


UNITED STATES AIR FORCE
AIR EDUCATION
TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

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CA# 2483 Expires: June 30, 2021


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DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY WESTBOUND, B07161, PH 1

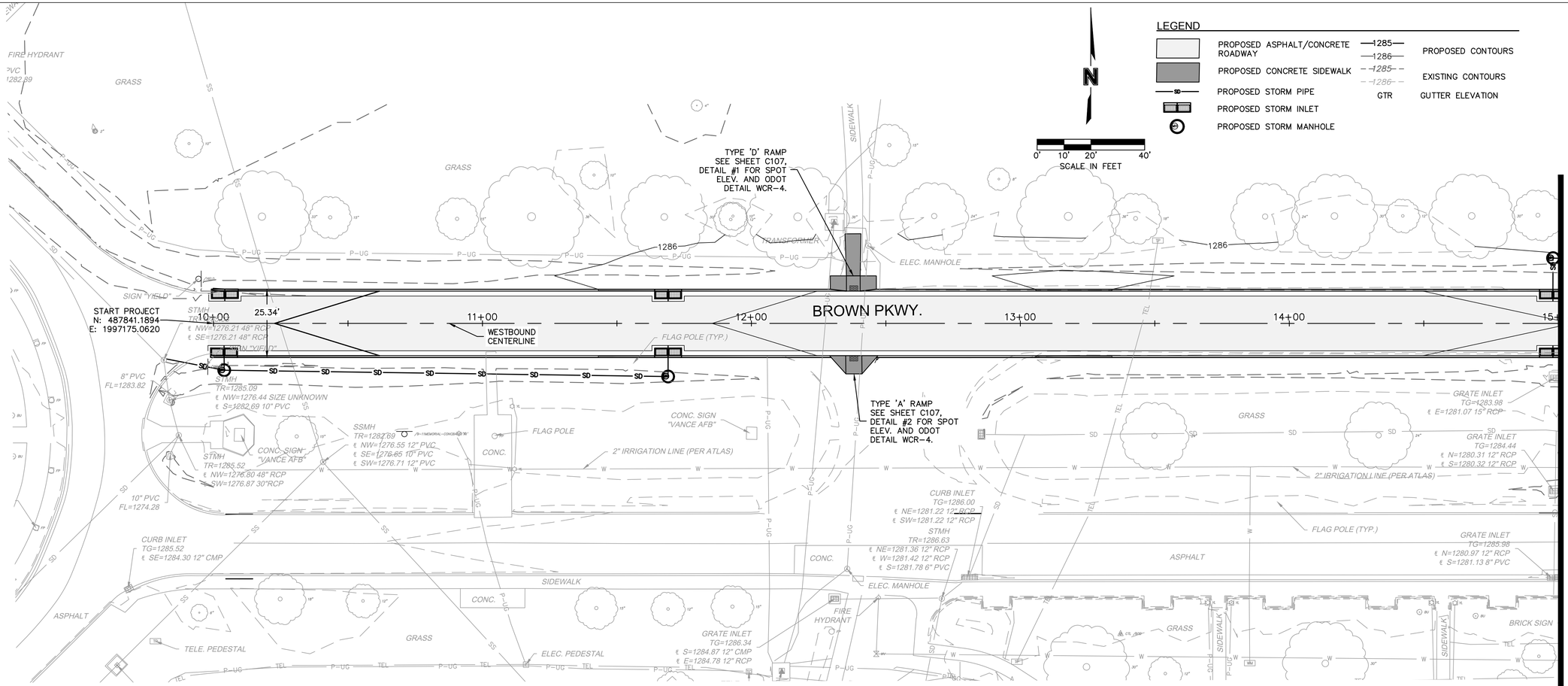
## EROSION CONTROL PLAN (2) - WB PH1

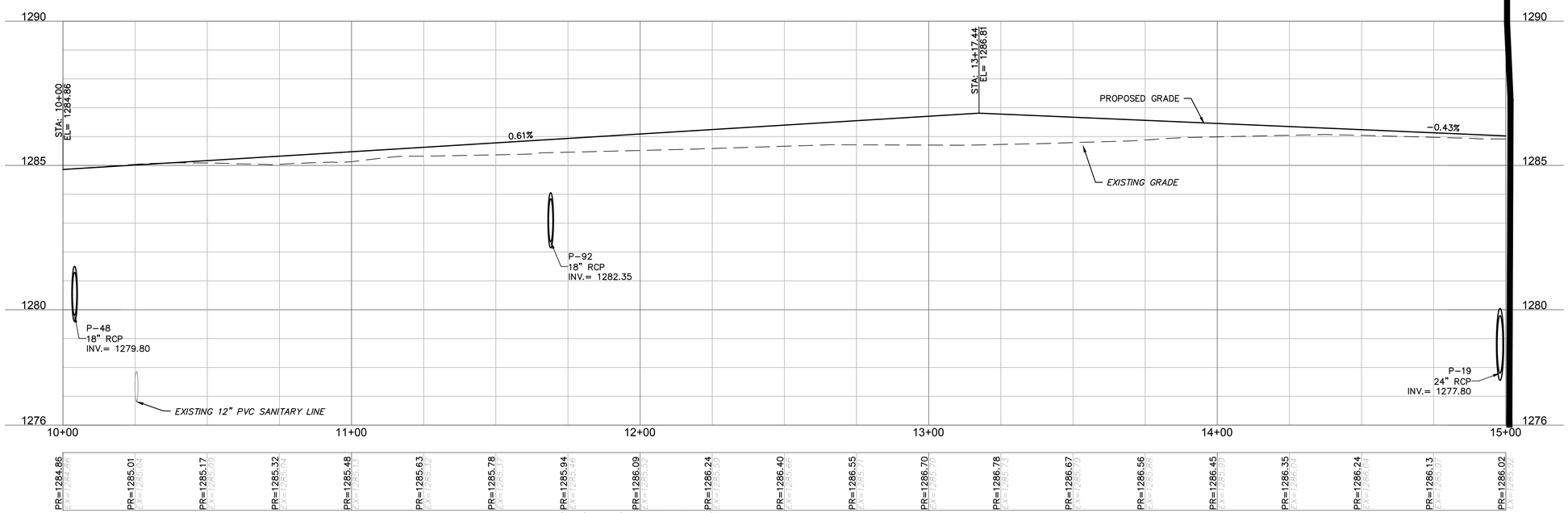
C104

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




WESTBOUND CENTERLINE PROFILE

SCALE: HORZ. 1"=20'
VERT. 1"=4'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CHECKED BY: RB
PROJECT NO.: XTLF21-1045PA
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY WESTBOUND, B07161, PH 1

ROADWAY PLAN & PROFILE (1) - WB PH1

C105

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

LEGEND

PROPOSED ASPHALT/CONCRETE ROADWAY
PROPOSED CONCRETE SIDEWALK
PROPOSED STORM PIPE
PROPOSED STORM INLET
PROPOSED STORM MANHOLE
PROPOSED CONTOURS
EXISTING CONTOURS
GTR GUTTER ELEVATION

N

0' 10' 20' 40'
SCALE IN FEET

MATCHLINE STA 15+00.00

STA: 15+51.09, 12.00' RT
GTR= 1285.64
STA: 15+78.26, 39.17' RT
GTR= 1286.49
STA: 15+78.26, 43.12' RT
GTR= 1286.49
STA: 15+51.20, 70.29' RT
GTR= 1286.23
STA: 16+21.92, 39.17' RT
GTR= 1286.06
STA: 16+21.92, 42.74' RT
GTR= 1286.06
STA: 16+49.09, 12.00' RT
GTR= 1285.21
STA: 16+83.94, 39.16' RT
GTR= 1285.88
STA: 16+83.95, 42.69' RT
GTR= 1285.88
STA: 16+49.20, 69.91' RT
GTR= 1285.71
STA: 16+56.77, 12.00' RT
GTR= 1285.18
STA: 16+56.88, 69.88' RT
GTR= 1285.67
STA: 17+56.11, 12.00' RT
GTR= 1285.85
STA: 17+28.94, 39.18' RT
GTR= 1286.34
STA: 17+28.95, 42.33' RT
GTR= 1286.33
STA: 17+56.22, 69.48' RT
GTR= 1286.12
STA: 19+88.12, 12.00' RT
GTR= 1286.47
STA: 20+15.12, 40.07' RT
GTR= 1287.00
STA: 20+09.30, 12.00' LT
GTR= 1286.17

45.00'
46.34'
25.34'

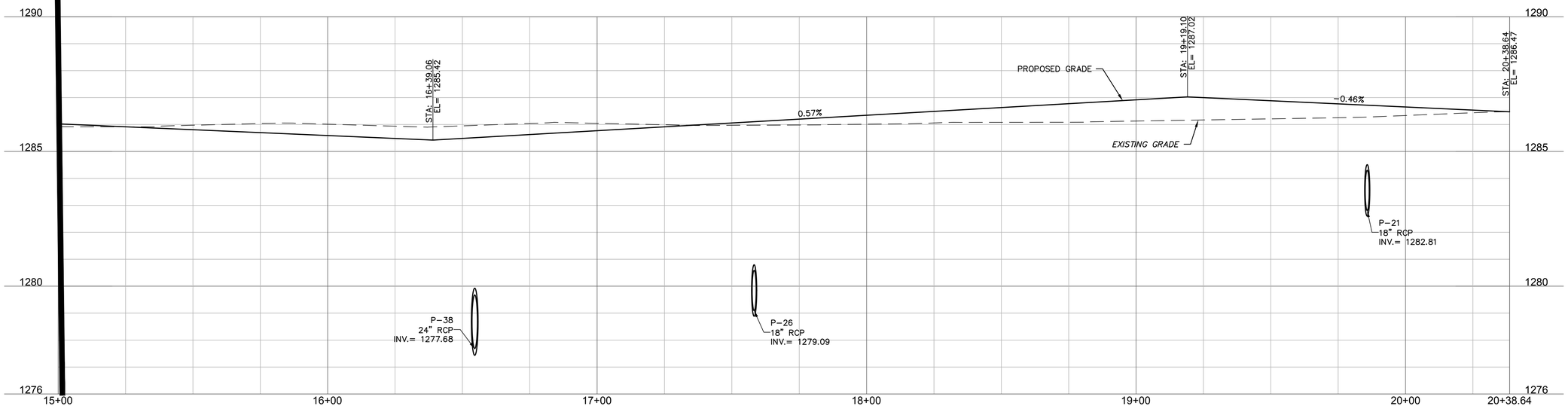
BROWN PKWY.
BROWN PARKWAY
15+00 16+00 17+00 18+00 19+00 20+00 20+38.64

END PROJECT
N: 487841.1457
E: 1998213.6990

TYPE 'A' RAMP
SEE SHEET C107,
DETAIL #3 FOR SPOT
ELEV. AND ODOT
DETAIL WCR-4.

SIGN "GOTT / BROWN"
SIGN "NO LEFT TURN"
SIGN "ONE WAY"
SIGN "BROWN / FISHER"

GRASS
IRRIGATION VALVE
WATER VALVE
CONCRETE
WATER VALVES
GRATE INLET TG=1285.70 ℄ W=1282.30 12" RCP
GRATE INLET
STORM MANHOLE TR=1285.90 ℄ N=1279.31 15" RCP ℄ S=1279.36 15" RCP
GRATE INLET TG=1285.77 ℄ W=1279.86 12" RCP
TELE. CABINET
WATER METER
GRASS
TELE. CABINET
SIDEWALK
SSMH TR=1287.23 ℄ N=1279.13 10" PVC ℄ S=1279.11 10" PVC
STORM MANHOLE TR=1287.41 ℄ N=1281.93 12" RCP ℄ S=1282.65 12" RCP ℄ SE=1282.71 12" RCP
FIRE HYDRANT & VALVE
AIRCRAFT MONUMENT
YARD LIGHT
STORM MANHOLE TR=1286.66 ℄ N=1282.01 12" CMP ℄ SE=1282.05 12" CMP
GRATE INLET TG=1285.67 ℄ E=1282.17 12" CMP ℄ NW=1281.77 12" CMP
STORM MANHOLE TR=1286.64 ℄ W=1281.32 12" RCP ℄ S=1281.33 12" RCP
ASPHALT
GRATE INLET TG=1286.50 ℄ W=1281.15 12" RCP
GRATE INLET TG=1286.34 ℄ N=1282.49 12" CPP
2" IRRIGATION LINE (PER ATLAS)
STORM MANHOLE TR=1286.08 ℄ N=1277.50 24" RCP ℄ E=1277.38 24" RCP ℄ W=1277.17 24" RCP




PR=1286.02 EX=1285.92
PR=1285.91 EX=1285.81
PR=1285.81 EX=1285.97
PR=1285.70 EX=1286.04
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PR=1286.88 EX=1286.21
PR=1286.77 EX=1286.25
PR=1286.65 EX=1286.33
PR=1286.53 EX=1286.44
PR= EX=1286.47

WESTBOUND CENTERLINE PROFILE (CONTINUED)
SCALE: HORZ. 1"=20'
VERT. 1"=4'

7TH FLYING TRAINING WING

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DRAWN BY: BG CHECKED BY: RB
PROJECT NO.: XTLF21-1045PA
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

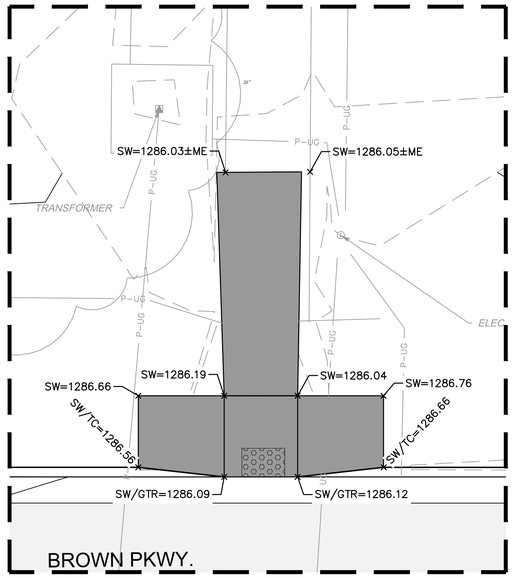
ROADWAY PLAN & PROFILE (2)
- WB PH1

C106

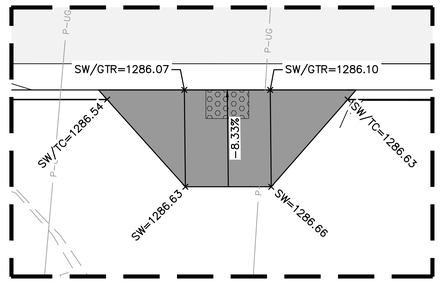
100%

1 1/2"(ACTUAL SIZE)

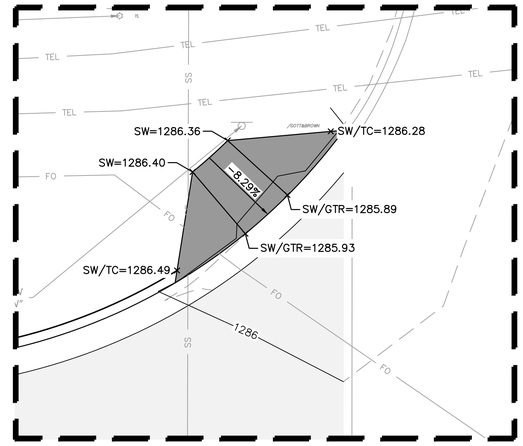
DRAWING SIZE INTENDED TO BE 24" x 36"




SIDEWALK DETAIL #1
SCALE: 1"=5'




SIDEWALK DETAIL #2
SCALE: 1"=5'




SIDEWALK DETAIL #3
SCALE: 1"=5'

N

LEGEND

| | | | |
|---|---|---|---|
| | PROPOSED ASPHALT/CONCRETE ROADWAY | —1285— | PROPOSED CONTOURS |
| | PROPOSED CONCRETE SIDEWALK | —1286— | |
| | | – –1285– – | EXISTING CONTOURS |
| | | – –1286– – | |
| | | GTR | GUTTER ELEVATION |
| | | TC | TOP OF CURB ELEVATION |
| | | ME | MATCH EXISTING ELEVATION |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DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

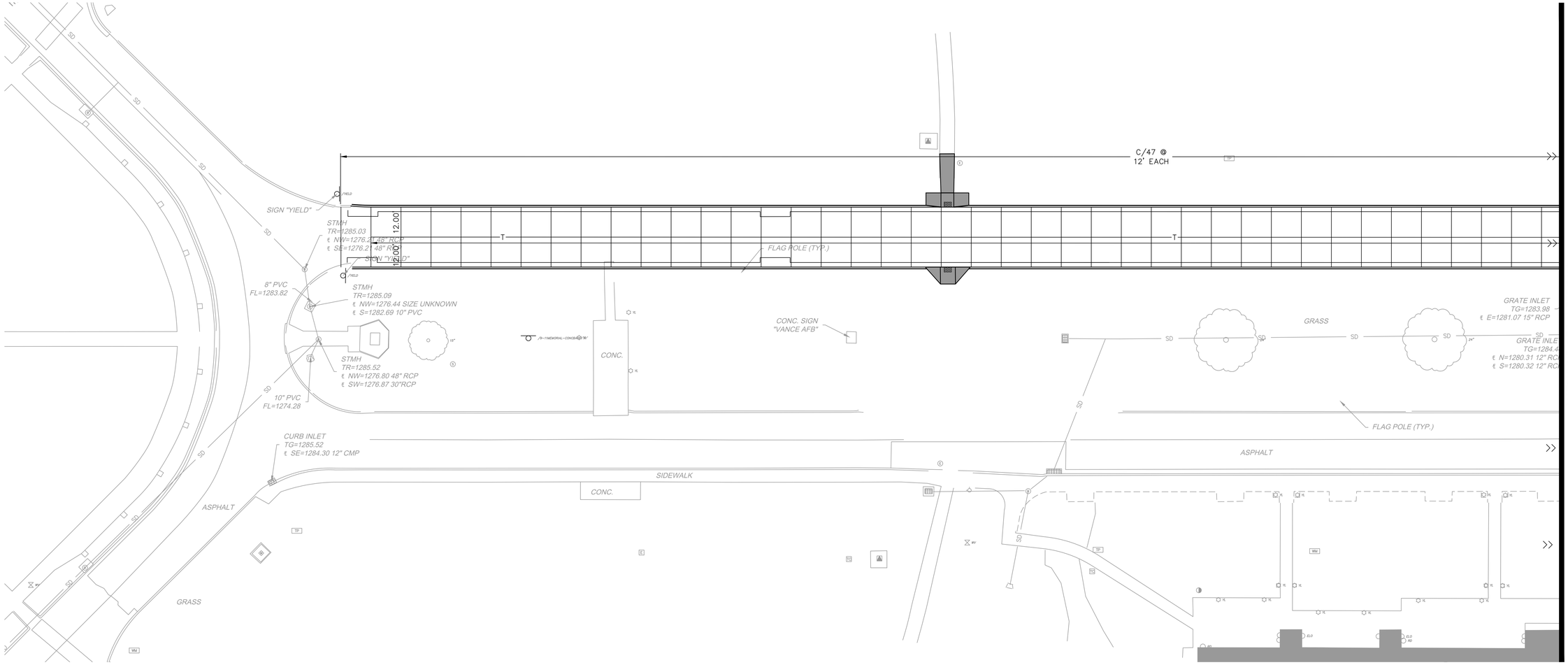
SIDEWALK RAMPS- WB PH1

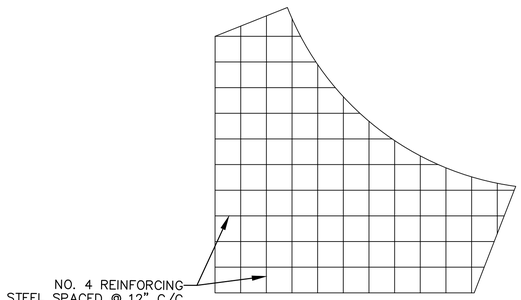
C107

100%

1 1/2"(ACTUAL SIZE)

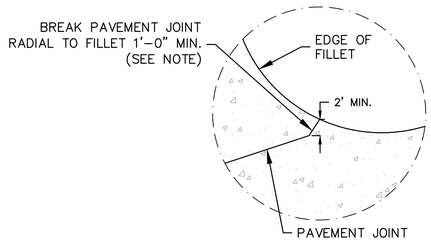
DRAWING SIZE INTENDED TO BE 24" x 36"



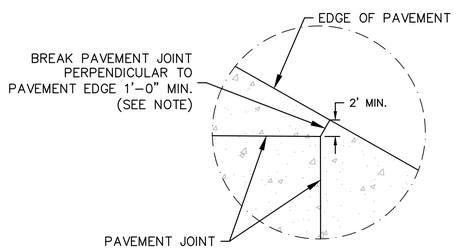

REINFORCED PANEL DETAIL

N.T.S.




CURVED PAVEMENT EDGE DETAIL

N.T.S.




STRAIGHT PAVEMENT EDGE DETAIL

N.T.S.

PAVEMENT JOINT LEGEND

—C— CONTRACTION JOINT W/ DOWELS

—E— EXPANSION JOINT

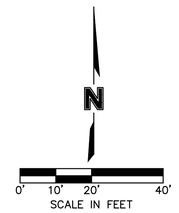
R REINFORCED CONCRETE SLAB

—T— TIED JOINT

—TE— THICKENED EDGE

NOTES:

1. TRANSVERSE JOINTS SHALL BE PLACED AT 15 FEET SPACING UNLESS OTHERWISE NOTED.
2. SEE ODOT STD. LECS-5 FOR JOINT DETAILS.
3. FOR ADDITIONAL INFORMATION SEE ODOT STD. CSCD-6, ASCD-6, & LTU-5.
4. FOR REINFORCED PANEL DESIGN DETAILS SEE THIS SHEET.
5. FOR SIDEWALK DETAIL REFER TO DETAIL D/C502.
6. JOINT LAYOUT ONLY TO BE USED ON CONCRETE OPTION.





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DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

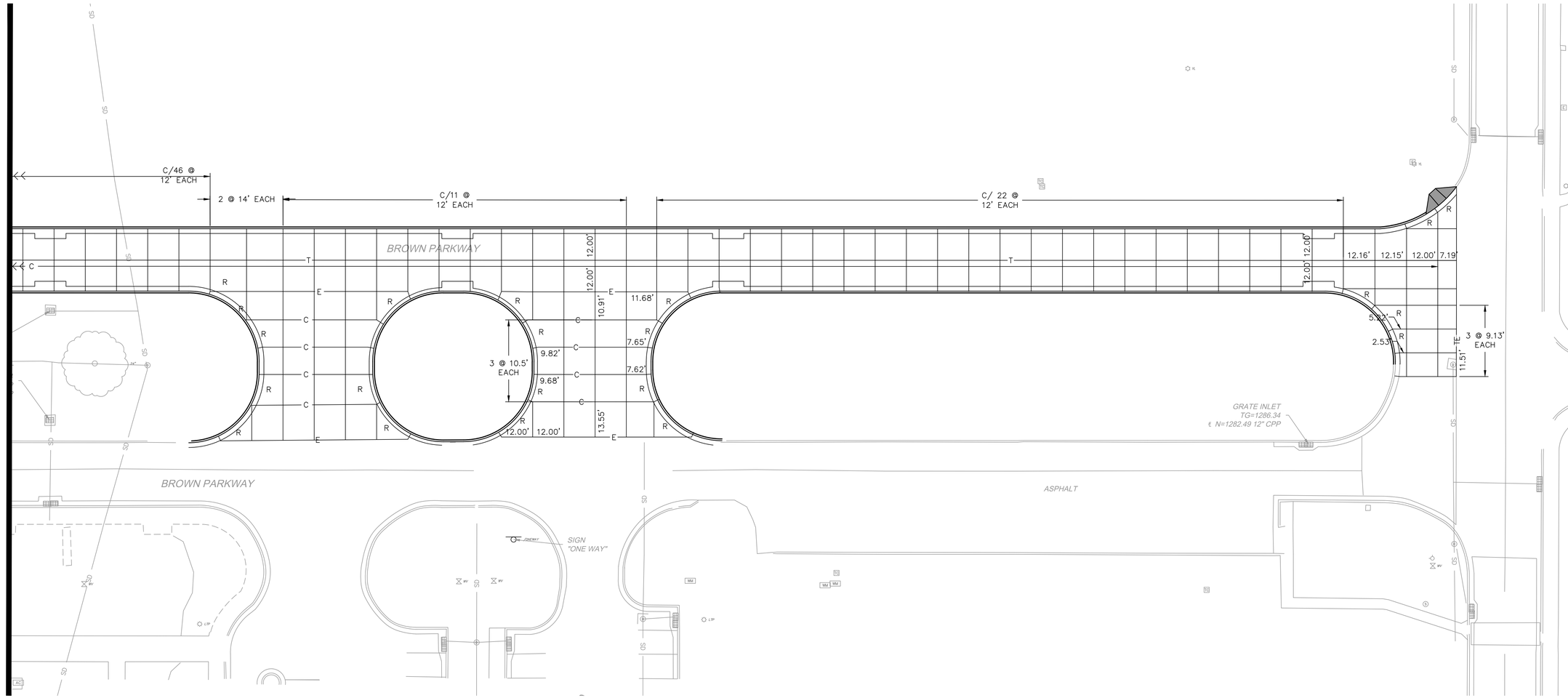
JOINT LAYOUT (1) - WB
PH1

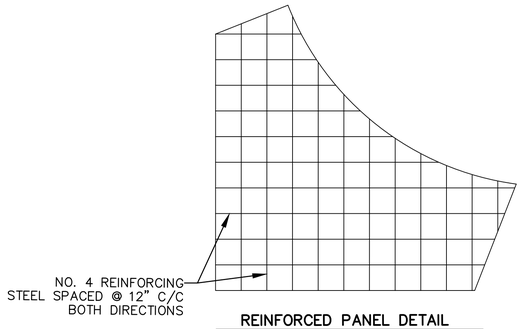
C108

100%

1 1/2"(ACTUAL SIZE)

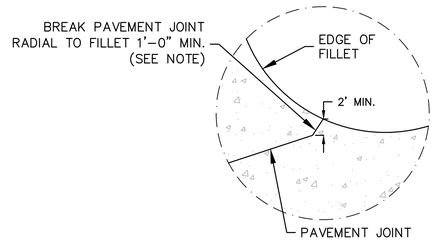
DRAWING SIZE INTENDED TO BE 24" x 36"



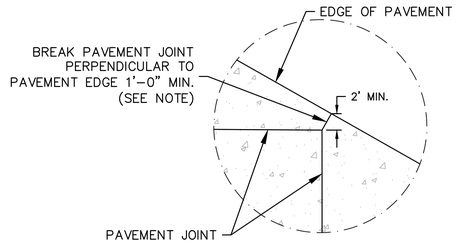

REINFORCED PANEL DETAIL

N.T.S.




CURVED PAVEMENT EDGE DETAIL

N.T.S.




STRAIGHT PAVEMENT EDGE DETAIL

N.T.S.

PAVEMENT JOINT LEGEND

—C— CONTRACTION JOINT W/ DOWELS

—E— EXPANSION JOINT

R REINFORCED CONCRETE SLAB

—T— TIED JOINT

—TE— THICKENED EDGE

NOTES:

1. TRANSVERSE JOINTS SHALL BE PLACED AT 15 FEET SPACING UNLESS OTHERWISE NOTED.
2. SEE ODOT STD. LECS-5 FOR JOINT DETAILS.
3. FOR ADDITIONAL INFORMATION SEE ODOT STD. CSCD-6, ASCD-6, & LTU-5.
4. FOR REINFORCED PANEL DESIGN DETAILS SEE THIS SHEET.
5. FOR SIDEWALK DETAIL REFER TO DETAIL D/C502.
6. JOINT LAYOUT ONLY TO BE USED ON CONCRETE OPTION.

N

0' 10' 20' 40'

SCALE IN FEET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| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

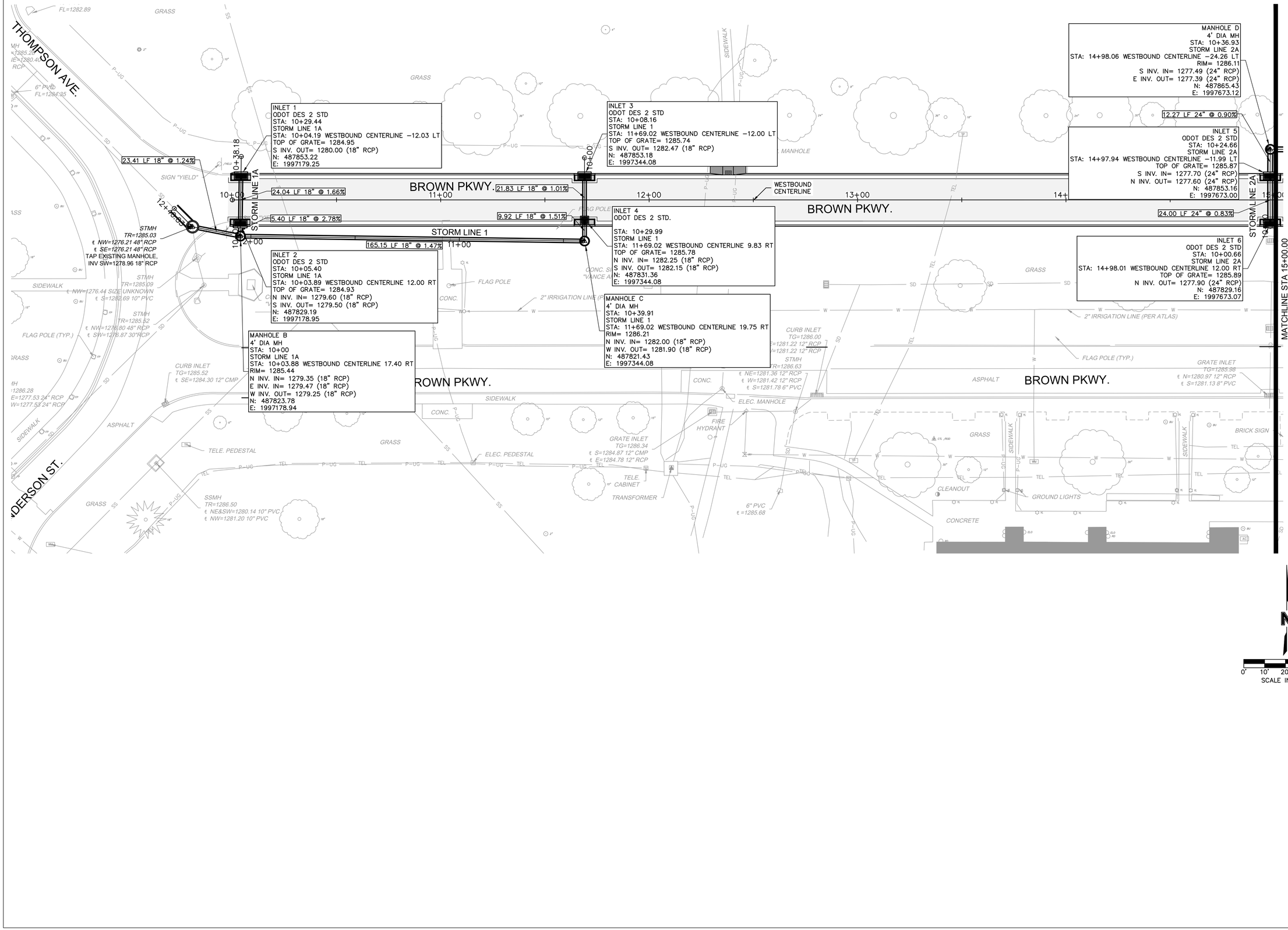
JOINT LAYOUT (2) - WB
PH1

C109

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"





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DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY WESTBOUND, B07161, PH 1

STORM SEWER PLAN (1) - WB PH1

C110

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

MANHOLE E
4' DIA MH
STA: 10+15.17
STORM LINE 2
STA: 15+23.77 WESTBOUND CENTERLINE −24.26 LT
RIM= 1286.00
W INV. IN= 1276.67 (24" RCP)
E INV. IN= 1276.67 (24" RCP)
S INV. IN= 1276.67 (24" RCP)
N INV. OUT= 1276.67 (24" RCP)
N: 487865.43
E: 1997698.83

MANHOLE F
4' DIA MH
STA: 11+46.04
STORM LINE 2
STA: 16+54.64 WESTBOUND CENTERLINE −23.63 LT
RIM= 1285.73
E INV. IN= 1277.45 (24" RCP)
S INV. IN= 1277.45 (24" RCP)
W INV. OUT= 1277.30 (24" RCP)
N: 487864.79
E: 1997829.70

MANHOLE G
4' DIA MH
STA: 12+49.65
STORM LINE 2
STA: 17+58.25 WESTBOUND CENTERLINE −23.63 LT
RIM= 1286.13
S INV. IN= 1278.83 (18" RCP)
W INV. OUT= 1278.33 (24" RCP)
N: 487864.79
E: 1997933.31

INLET 11
ODOT DES 2 STD
STA: 10+52.23
STORM LINE 2D
STA: 19+85.80 WESTBOUND CENTERLINE −11.99 LT
TOP OF GRATE= 1286.11
S INV. OUT= 1283.15 (18" RCP)
N: 487853.14
E: 1998160.87

INLET 9
ODOT DES 2 STD
STA: 12+61.28
STORM LINE 2
STA: 17+58.25 WESTBOUND CENTERLINE −12.00 LT
TOP OF GRATE= 1285.59
S INV. IN= 1279.01 (18" RCP)
N INV. OUT= 1278.91 (18" RCP)
N: 487853.16
E: 1997933.31

INLET 7
ODOT DES 2 STD
STA: 10+11.64
STORM LINE 2B
STA: 16+54.49 WESTBOUND CENTERLINE −11.99 LT
TOP OF GRATE= 1285.19
S INV. IN= 1277.63 (24" RCP)
N INV. OUT= 1277.53 (24" RCP)
N: 487853.15
E: 1997829.55

INLET 8
ODOT DES 2 STD
STA: 10+35.62
STORM LINE 2B
STA: 16+54.64 WESTBOUND CENTERLINE 11.99 RT
TOP OF GRATE= 1285.19
S INV. IN= 1277.83 (24" RCP)
N INV. OUT= 1277.73 (24" RCP)
N: 487829.18
E: 1997829.70

INLET 10
ODOT DES 2 STD
STA: 12+85.28
STORM LINE 2
STA: 17+58.28 WESTBOUND CENTERLINE 12.00 RT
TOP OF GRATE= 1285.59
S INV. IN= 1279.27 (18" RCP)
N INV. OUT= 1279.17 (18" RCP)
N: 487829.16
E: 1997933.35

INLET 12
ODOT DES 2 STD
STA: 10+28.24
STORM LINE 2D
STA: 19+85.77 WESTBOUND CENTERLINE 12.00 RT
TOP OF GRATE= 1286.11
N INV. IN= 1282.46 (18" RCP)
S INV. OUT= 1282.35 (18" RCP)
N: 487829.15
E: 1998160.83

INLET 17
ODOT DES 2 STD
STA: 10+93.51
STORM LINE 2B
STA: 16+54.64 WESTBOUND CENTERLINE 69.88 RT
TOP OF GRATE= 1285.68
S INV. IN= 1278.56 (18" RCP)
N INV. OUT= 1278.06 (24" RCP)
N: 487771.28
E: 1997829.70

INLET 18
ODOT DES 2 STD
STA: 11+17.08
STORM LINE 2B
STA: 16+54.54 WESTBOUND CENTERLINE 93.88 RT
TOP OF GRATE= 1285.68
SE INV. IN= 1278.76 (18" RCP)
N INV. OUT= 1278.66 (18" RCP)
N: 487747.28
E: 1997829.60

MANHOLE H
4' DIA MH
STA: 13+13.53
STORM LINE 2
STA: 17+58.25 WESTBOUND CENTERLINE 40.25 RT
RIM= 1286.62
E INV. IN= 1279.55 (18" RCP)
S INV. IN= 1279.95 (18" RCP)
N INV. OUT= 1279.45 (18" RCP)
N: 487800.91
E: 1997933.31

MANHOLE I
4' DIA MH
STA: 15+41.06
STORM LINE 2
STA: 19+85.78 WESTBOUND CENTERLINE 40.24 RT
RIM= 1286.96
S INV. IN= 1281.50 (12" CMP)
E INV. IN= 1281.10 (18" RCP)
N INV. IN= 1281.50 (18" RCP)
W INV. OUT= 1281.00 (18" RCP)
N: 487800.91
E: 1998160.84

INLET 19
ODOT DES 2 STD
STA: 10+29.23
STORM LINE 2C
STA: 17+58.28 WESTBOUND CENTERLINE 69.48 RT
TOP OF GRATE= 1286.13
N INV. OUT= 1281.62 (18" RCP)
N: 487771.68
E: 1997933.34

JUNCTION BOX A
ODOT TYPE 5
STA: 11+27.57
STORM LINE 2B
STA: 16+61.98 WESTBOUND CENTERLINE 101.38 RT
TOP OF GRATE= 1286.31
E INV. IN= 1278.91 (18" CMP)
NW INV. OUT= 1278.81 (18" RCP)
N: 487739.78
E: 1997837.04

TEMP. STRUCTURE B
ODOT TYPE 5
STA: 11+93.03
STORM LINE 2B
STA: 17+26.31 WESTBOUND CENTERLINE 113.46 RT
TOP OF GRATE= 1285.27
W INV. OUT= 1279.17 (18" CMP)
N: 487727.69
E: 1997901.36

MATCHLINE STA 15+00.00

STORM LINE 2

STORM LINE 2B

STORM LINE 2C

STORM LINE 2D

BROWN PKWY.

BROWN PKWY.

WESTBOUND CENTERLINE

IRRIGATION LINE (PER ATLAS)

25.71 LF 24" @ 2.80%
130.87 LF 24" @ 0.48%
11.64 LF 24" @ 0.69%
103.61 LF 24" @ 0.85%
11.63 LF 18" @ 0.69%
23.98 LF 24" @ 0.42%
24.00 LF 18" @ 0.67%
23.99 LF 18" @ 2.88%
28.25 LF 18" @ 0.64%
28.24 LF 18" @ 3.01%
57.90 LF 24" @ 0.40%
29.23 LF 18" @ 5.71%
227.53 LF 18" @ 0.64%
51.55 LF 18" @ 0.43%
30.02 LF 12" @ 3.30%
TEMP. CMP PIPE CONNECTED TO EXISTING INLET
23.99 LF 18" @ 0.42%
10.56 LF 18" @ 0.47%
65.45 LF 18" @ 0.40%
TEMP. CMP PIPE
12+08.39 ⊕

AIRCRAFT MONUMENT
STORM MANHOLE TR=1286.06 ℄ N=1282.01 12" CMP ℄ SE=1282.05 12" CMP
GRATE INLET TG=1285.67 ℄ E=1282.17 12" CMP ℄ NW=1281.77 12" CMP
YARD LIGHT
SIGN "GOTT / BROWN"
STORM MANHOLE TR=1286.08 ℄ N=1277.50 ℄ E=1277.38 ℄ W=1277.17 ℄ SW=1278.3
IRRIGATION VALVE
WATER VALVE
CONCRETE
SIGN "NO LEFT TURN"
WATER VALVES
STORM MANHOLE TR=1285.90 ℄ N=1279.31 15" RCP ℄ S=1279.36 15" RCP ℄ E=1279.37 12" RCP
GRATE INLET TG=1285.91 ℄ E=1282.46 12" RCP
SIDEWALK
STORM MANHOLE
SIGN "BROWN / FISHER"
TELE. CABINET
GRASS
TELE. CABINET
SIDEWALK
SSMH TR=1287.23 ℄ N=1279.13 10" PVC ℄ S=1279.11 10" PVC ℄ W=1279.13 8" PVC
GRATE INLET TG=1286.74 ℄ NW=1283.42 12" RCP
STORM MANHOLE TR=1287.41 ℄ N=1281.93 12" RCP ℄ S=1282.65 12" RCP ℄ SE=1282.71 12" RCP
FIRE HYDRANT & VALVE
15+92.61 ℄ S=1281.33 12" RCP

N

0' 10' 20' 40'
SCALE IN FEET


71st FLYING TRAINING WING
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DRAWN BY: BG
CHECKED BY: RB
PROJECT NO.: XTLF21-1045PA
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY WESTBOUND, B07161, PH 1

STORM SEWER PLAN (2) - WB PH1

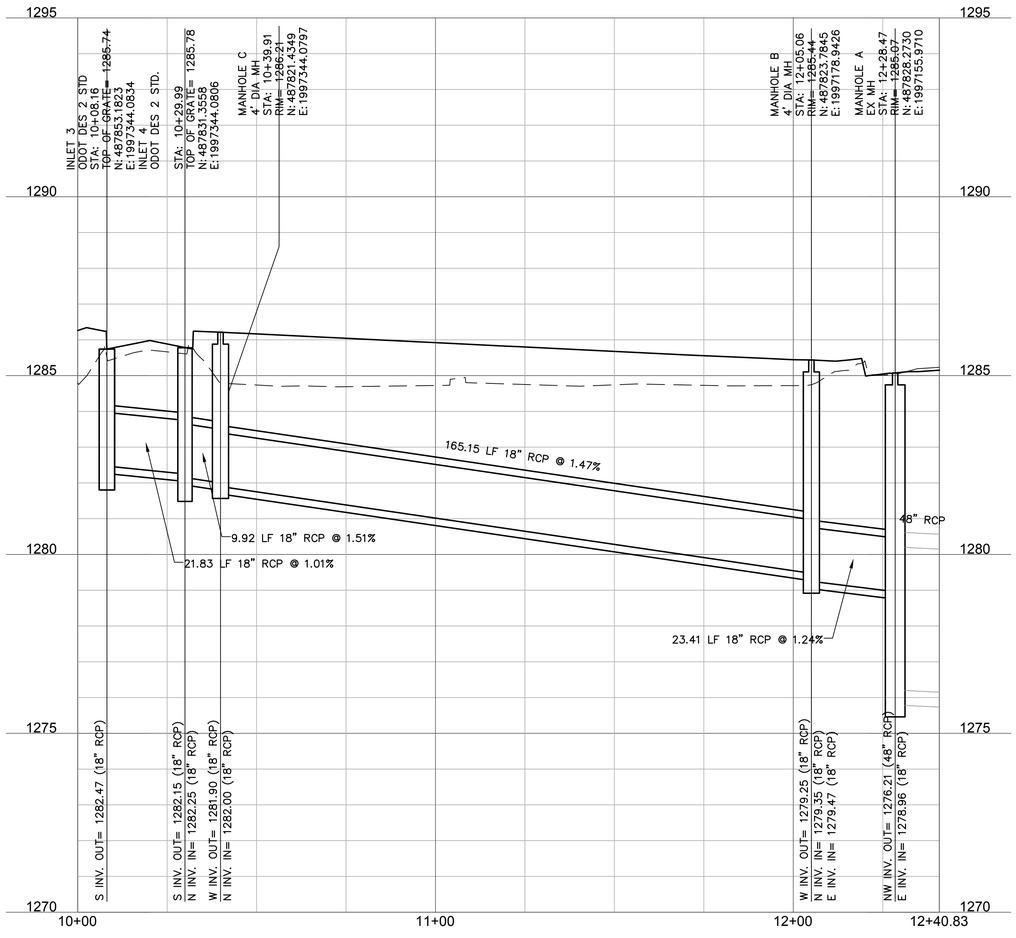
C111

100%

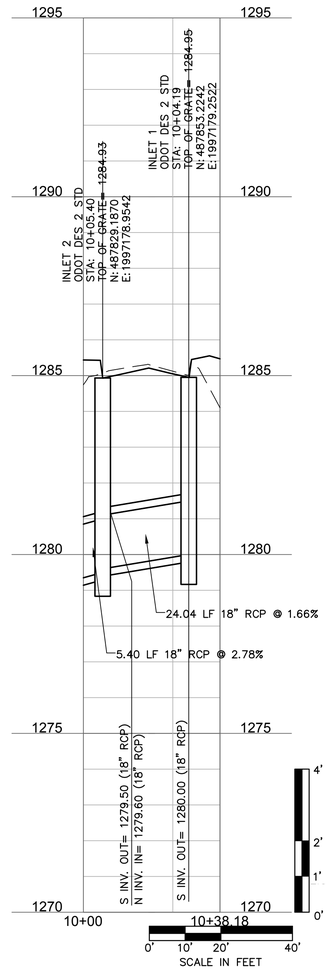
1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

# STORM LINE 1 (10+00 - 12+40.83)




# STORM LINE 1A (10+00 - 10+38.18)





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REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

STORM SEWER PROFILE (1) - WB
PH1

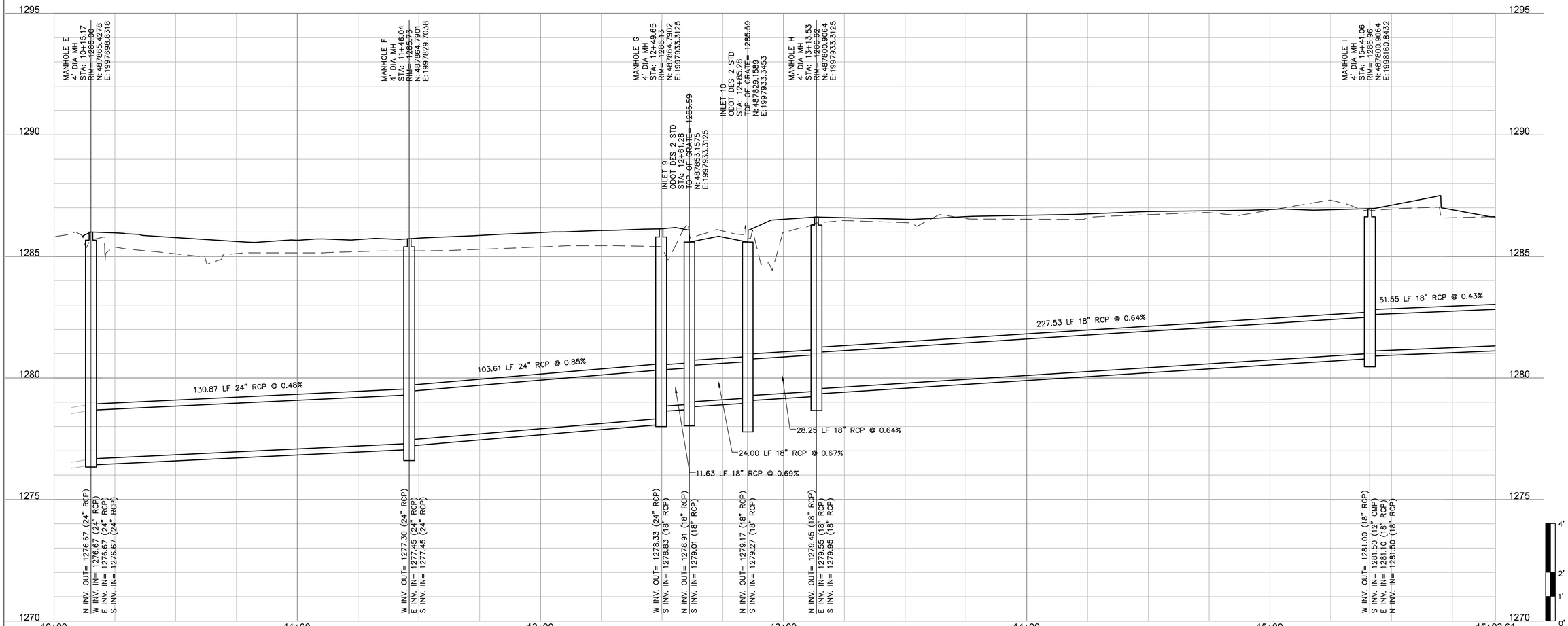
C112

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

# STORM LINE 2 (10+00 - 15+92.61)





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REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

STORM SEWER PROFILE (2) - WB
PH1

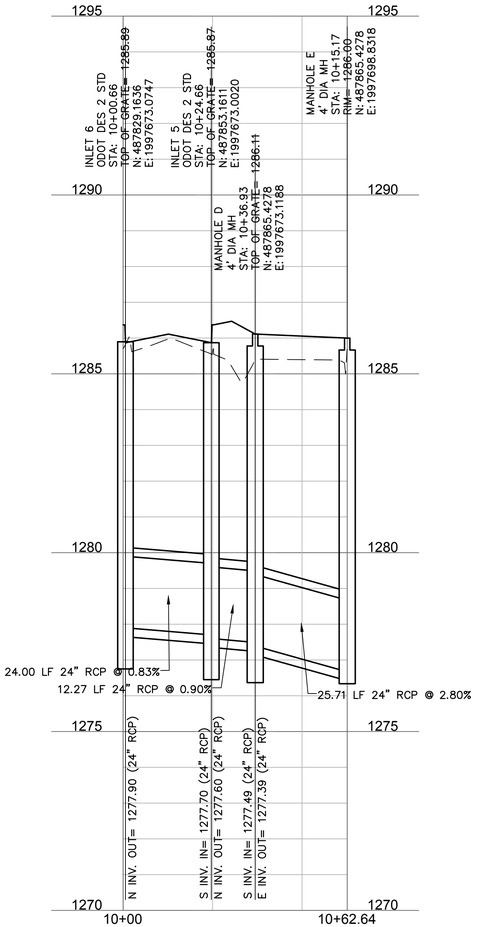
C113

100%

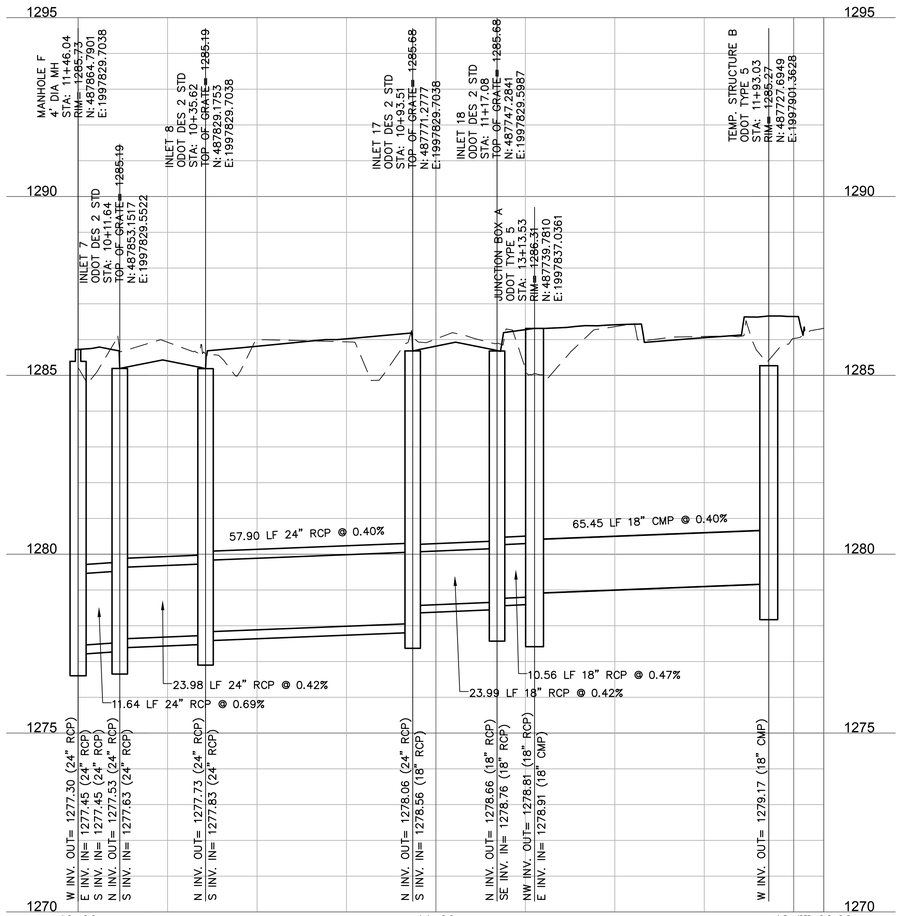
1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

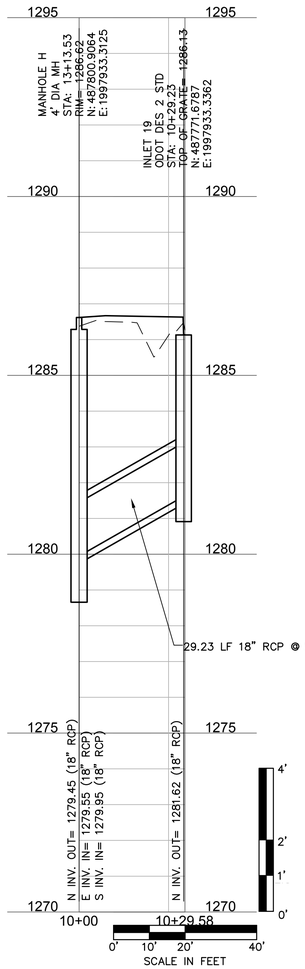
## STORM LINE 2A (10+00 - 10+62.64)



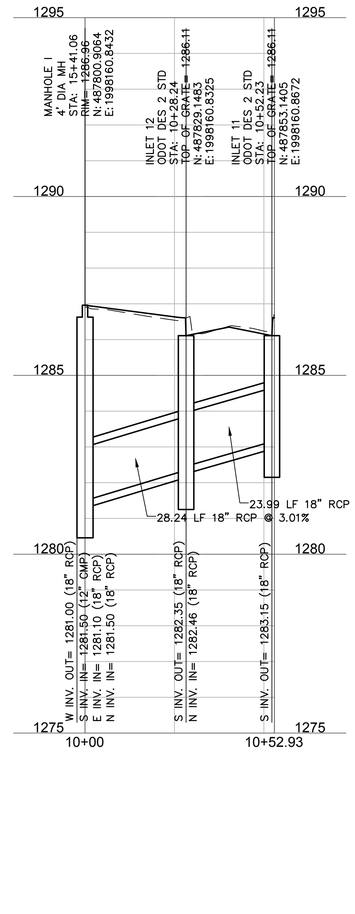

## STORM LINE 2B (10+00 - 12+08.39)




## STORM LINE 2C (10+00 - 10+29.58)




## STORM LINE 2D (10+00 - 10+52.93)





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# REPAIR PAVEMENTS BROWN PARKWAY WESTBOUND, B07161, PH 1

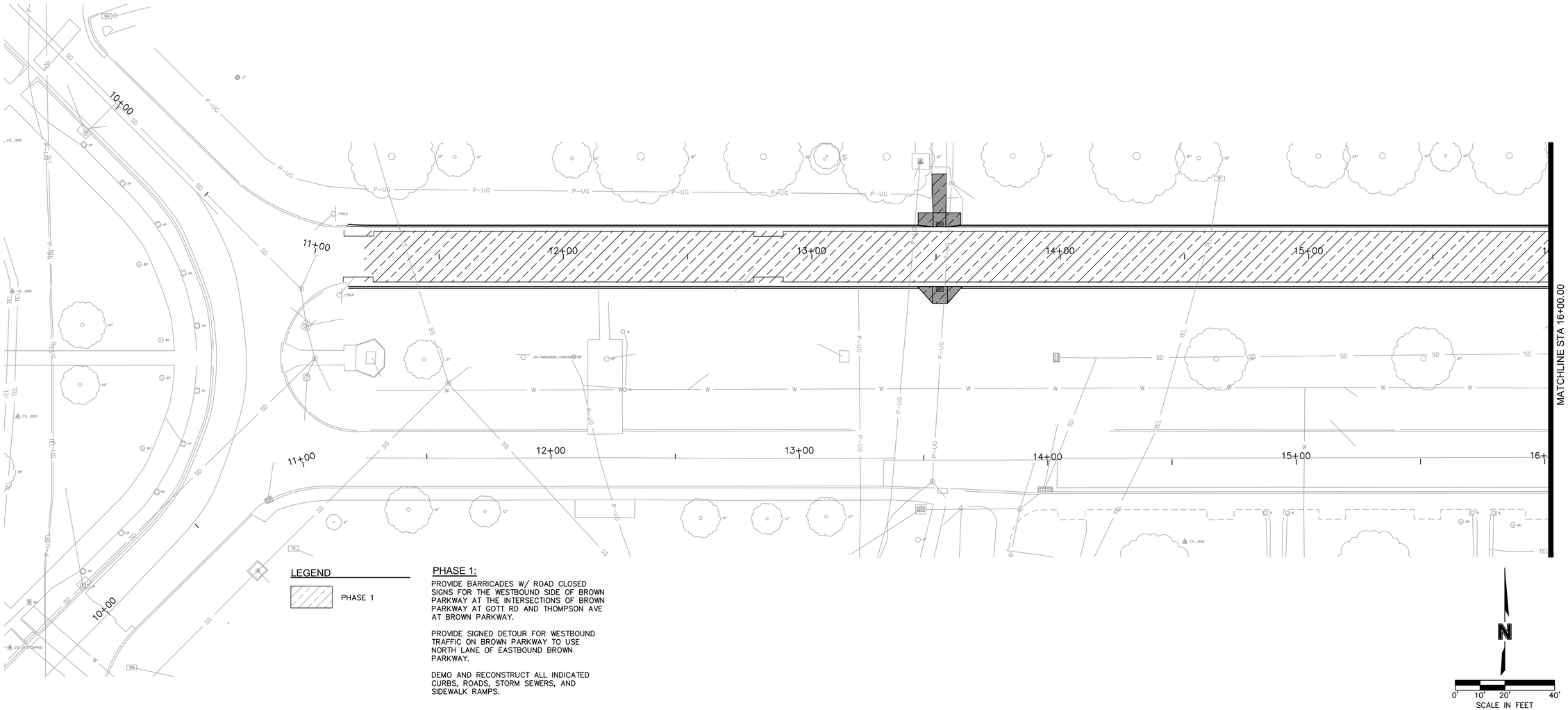
STORM SEWER PROFILE (3) - WB PH1

C114

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




LEGEND

PHASE 1

PHASE 1:

PROVIDE BARRICADES W/ ROAD CLOSED SIGNS FOR THE WESTBOUND SIDE OF BROWN PARKWAY AT THE INTERSECTIONS OF BROWN PARKWAY AT GOTT RD AND THOMPSON AVE AT BROWN PARKWAY.

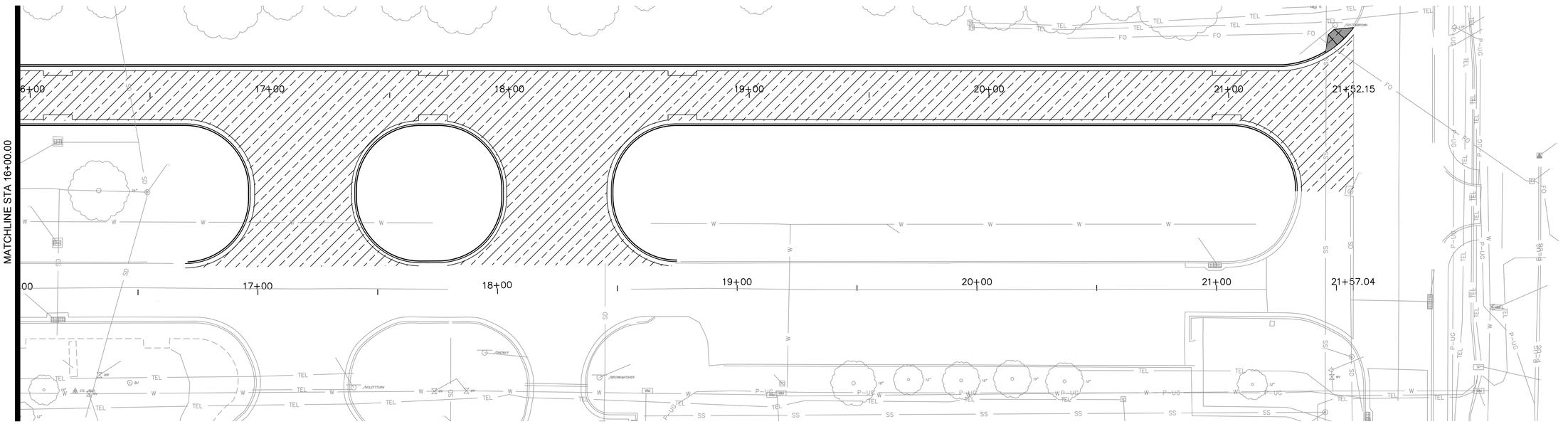
PROVIDE SIGNED DETOUR FOR WESTBOUND TRAFFIC ON BROWN PARKWAY TO USE NORTH LANE OF EASTBOUND BROWN PARKWAY.

DEMO AND RECONSTRUCT ALL INDICATED CURBS, ROADS, STORM SEWERS, AND SIDEWALK RAMPS.

N

0' 10' 20' 40'

SCALE IN FEET

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DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY WESTBOUND, B07161, PH 1

## SUGGESTED SEQUENCE OF CONSTRUCTION - WB PH1

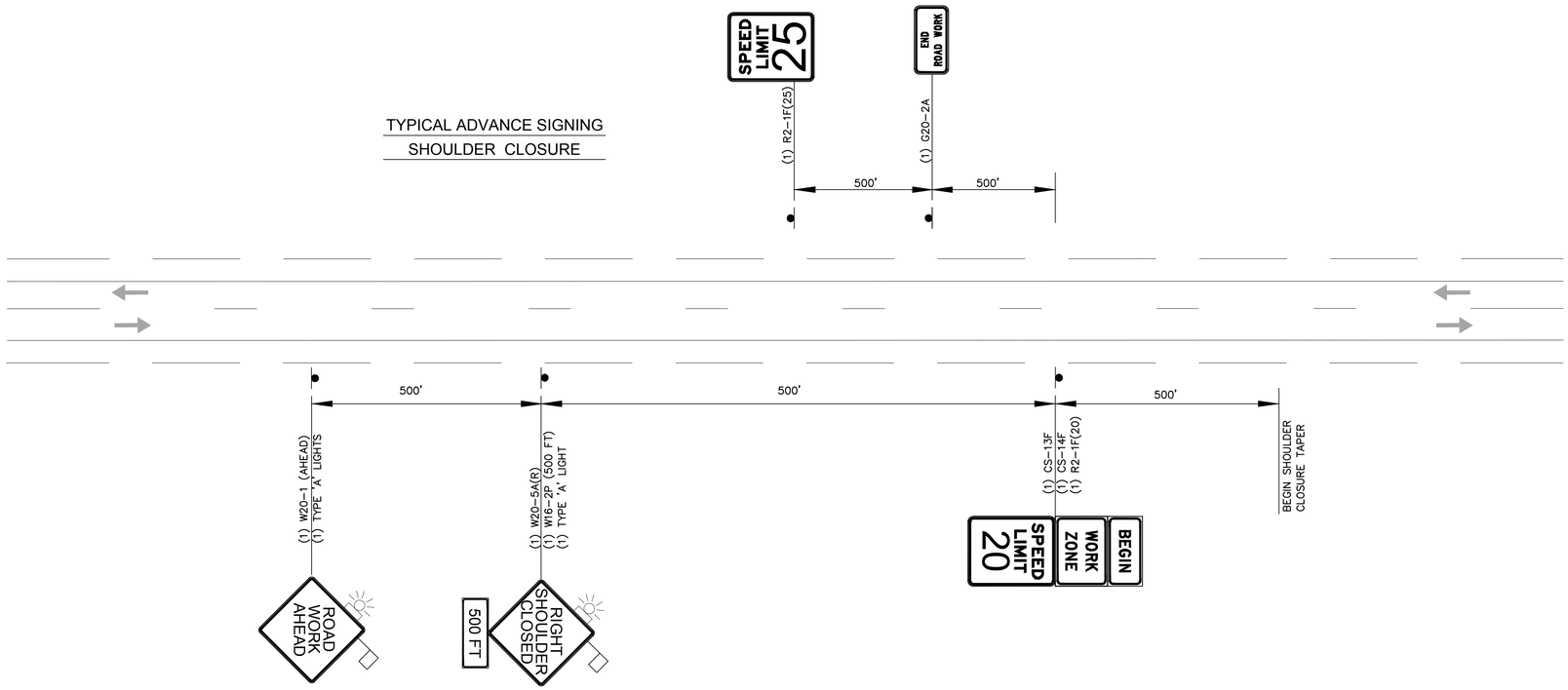
C115

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## TYPICAL ADVANCE SIGNING
## SHOULDER CLOSURE

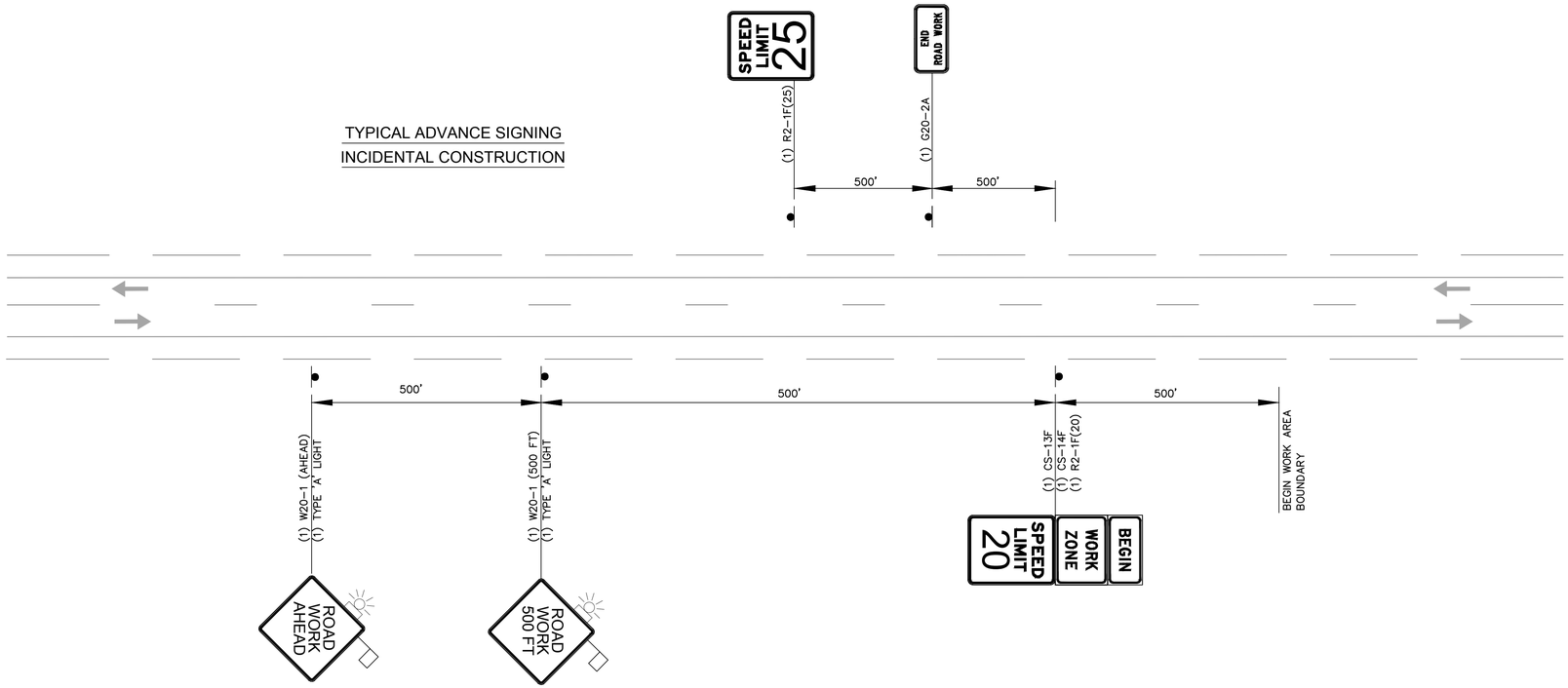



LEGEND

FLOW OF TRAFFIC

SIGN

## TYPICAL ADVANCE SIGNING
## INCIDENTAL CONSTRUCTION




NOTE:

1. TRAFFIC CONTROL ADVANCE WARNING SIGNS SHALL BE MIRRORED FOR OPPOSITE DIRECTION.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PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY

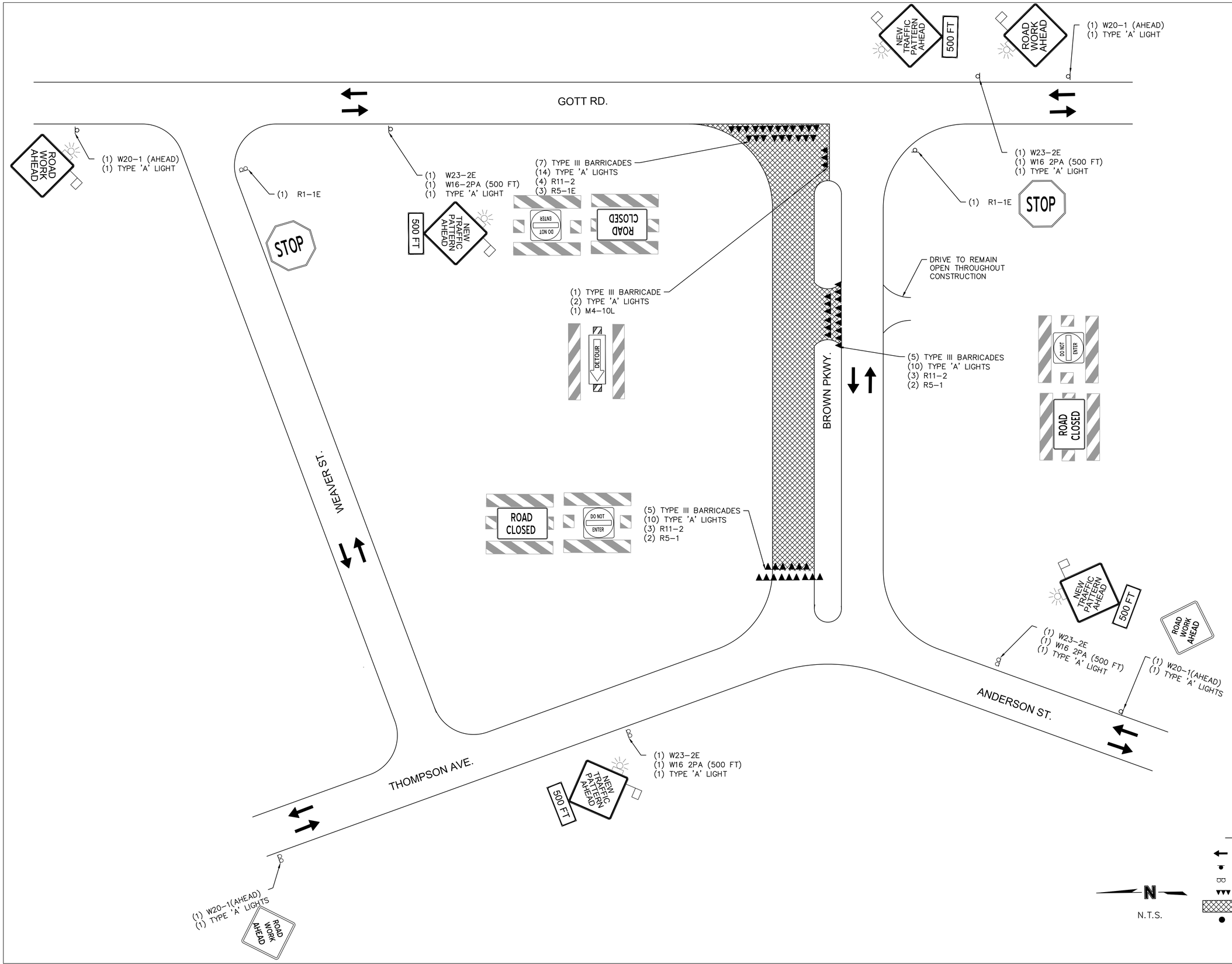
ADVANCED SIGNS - WB PH1

C116

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"





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JUNE 30, 2022

olsson
11600 Broadway Ext. / Ste. 300
Oklahoma City, OK 73114
TEL 405.242.6600
CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG
CHECKED BY: RB
PROJECT NO.: XTLF21-1045PA
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY WESTBOUND, B07161, PH 1

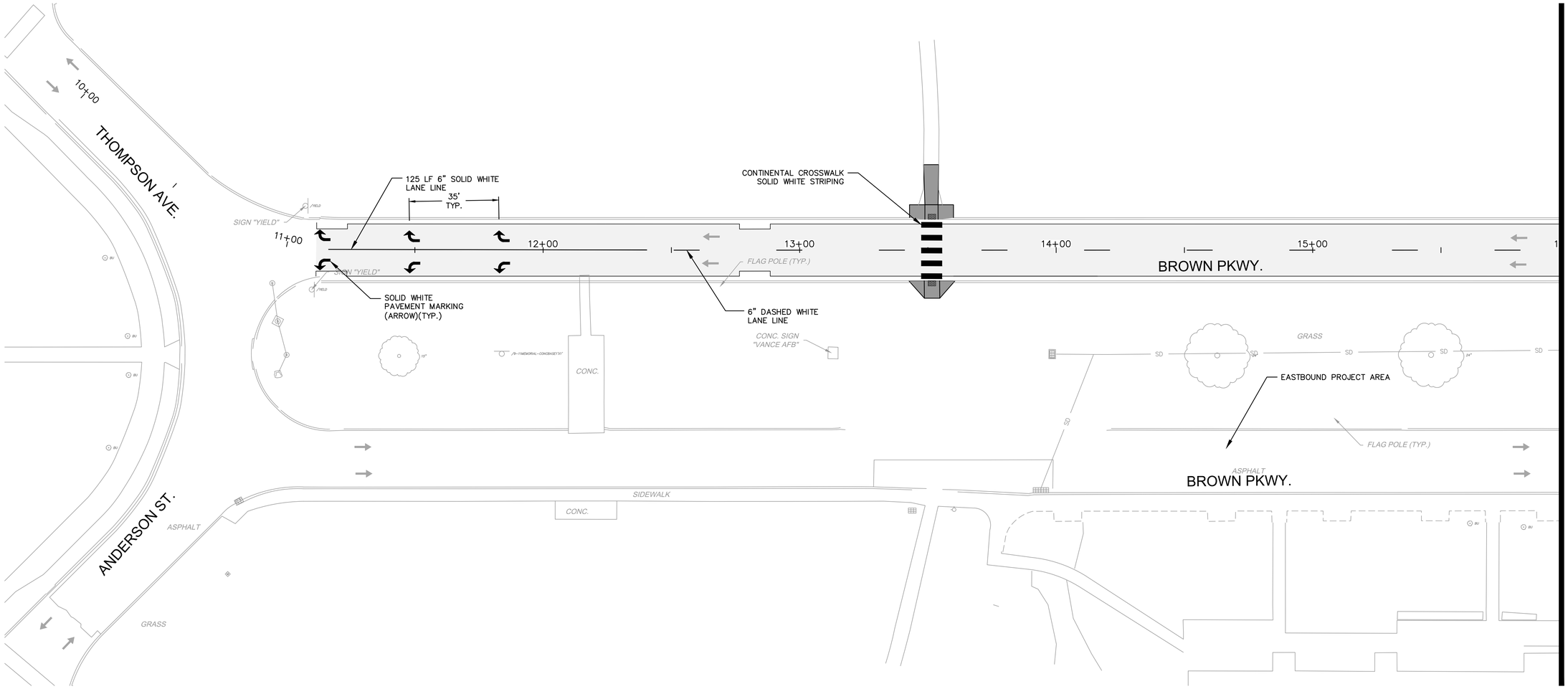
SUGGESTED TRAFFIC CONTROL - WB PH1

C117

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




LEGEND

- FLOW OF TRAFFIC
- SIGN
- CONSTRUCTED DURING WESTBOUND PROJECT

NOTE:
EASTBOUND LANES OF BROWN PARKWAY AND SIDEWALK ARE NOT A PART OF THIS PHASE.

SEE SHEET C501 FOR SIGN LAYOUTS.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PROJECT NO.: XTLF21-1045PA
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

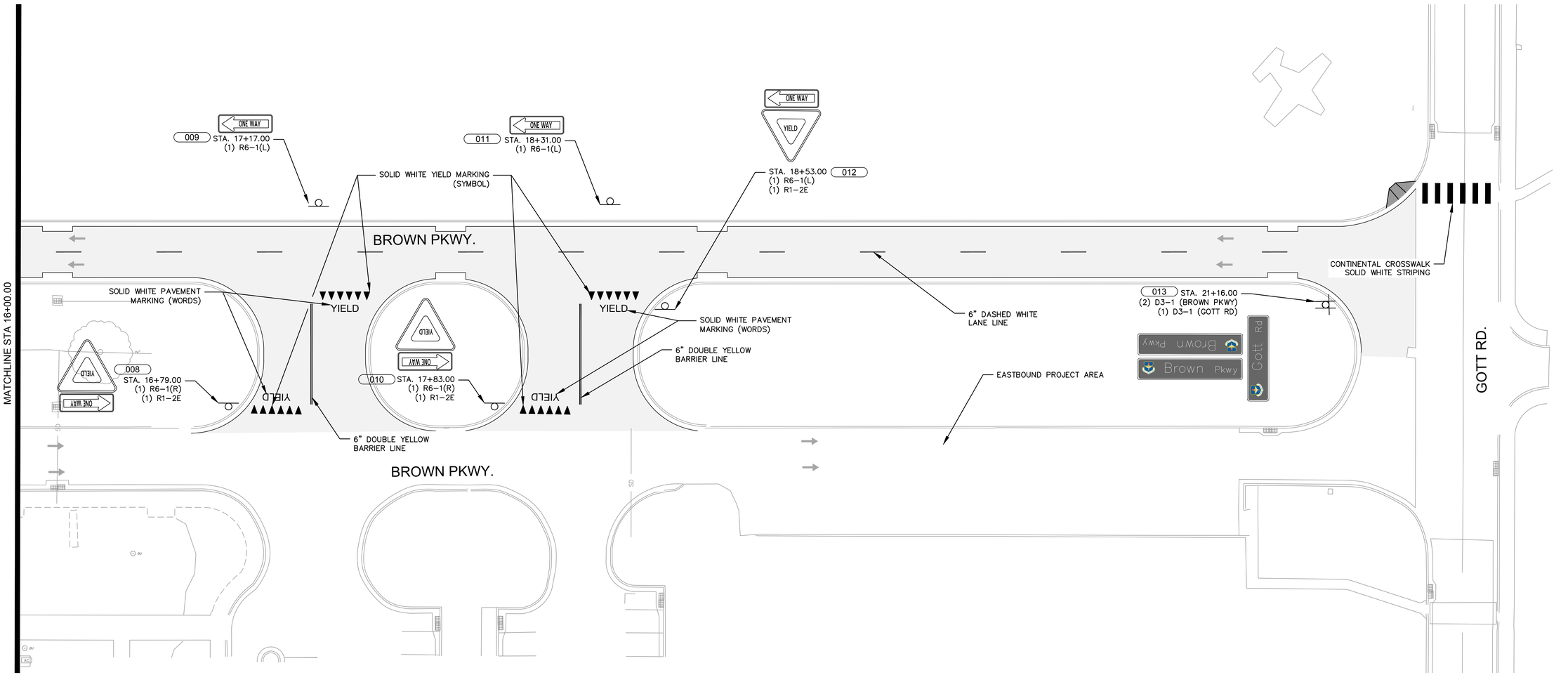
SIGNING & STRIPING PLAN
(1) - WB PH1

C118

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"



LEGEND

- FLOW OF TRAFFIC
- SIGN
- CONSTRUCTED DURING WESTBOUND PROJECT

NOTE:
EASTBOUND LANES OF BROWN PARKWAY AND SIDEWALK ARE NOT A PART OF THIS PHASE.

SEE SHEET C501 FOR SIGN LAYOUTS.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DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
WESTBOUND, B07161, PH 1

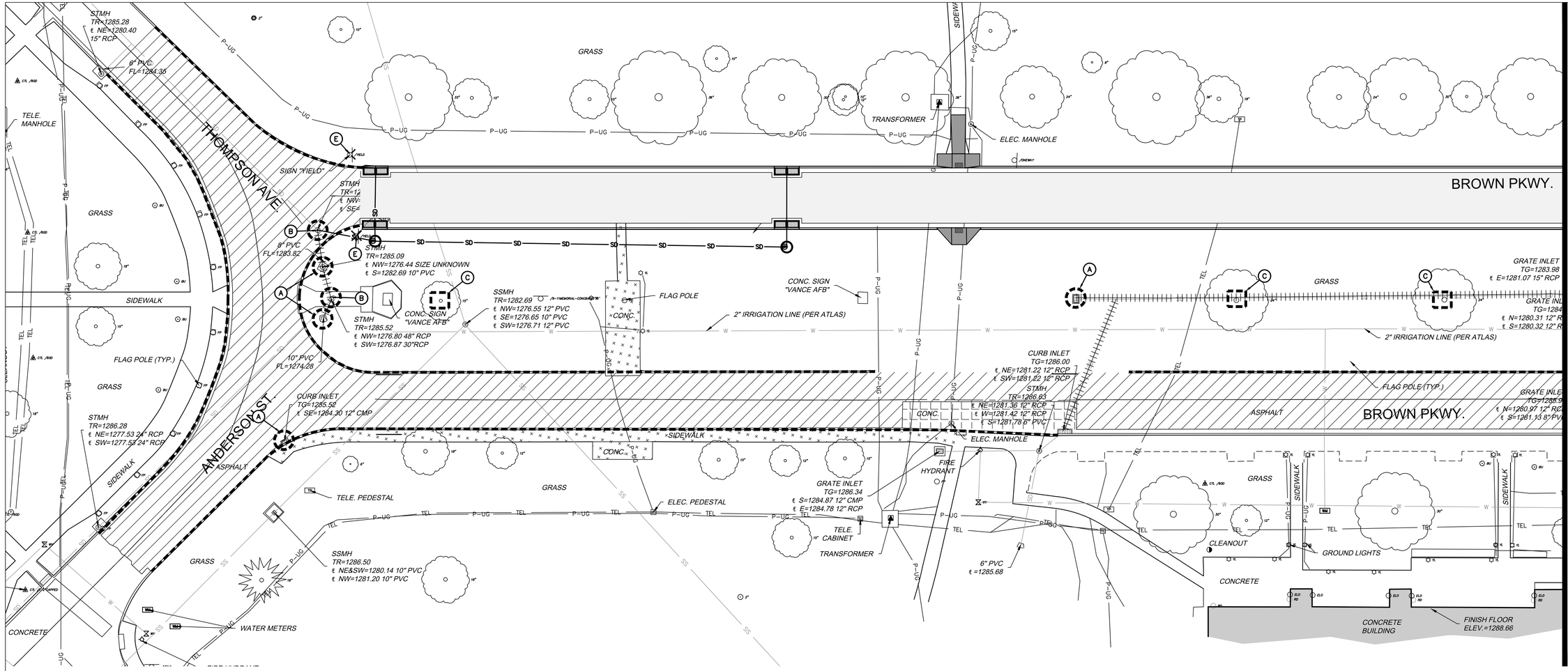
SIGNING & STRIPING PLAN
(2) - WB PH1

C119

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




MATCHLINE REF: SHEET C102

## DEMOLITION LEGEND

- DEMOLITION OF ASPHALT
- DEMOLITION OF SIDEWALK
- DEMOLITION OF CONCRETE
- REMOVE EXISTING STORM SEWER
- ABANDON IN PLACE
- REMOVE EXISTING CONCRETE CURB AND GUTTER
- (A) REMOVE EXISTING STORM INLET
- (B) REMOVE EXISTING STORM MANHOLE
- (C) REMOVE EXISTING TREE
- (D) REMOVE AND STORE EXISTING FLAGPOLE
- (E) REMOVE EXISTING SIGN

N

0' 10' 20' 40'
SCALE IN FEET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PROJECT NO.: XTLF21-1045PB

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

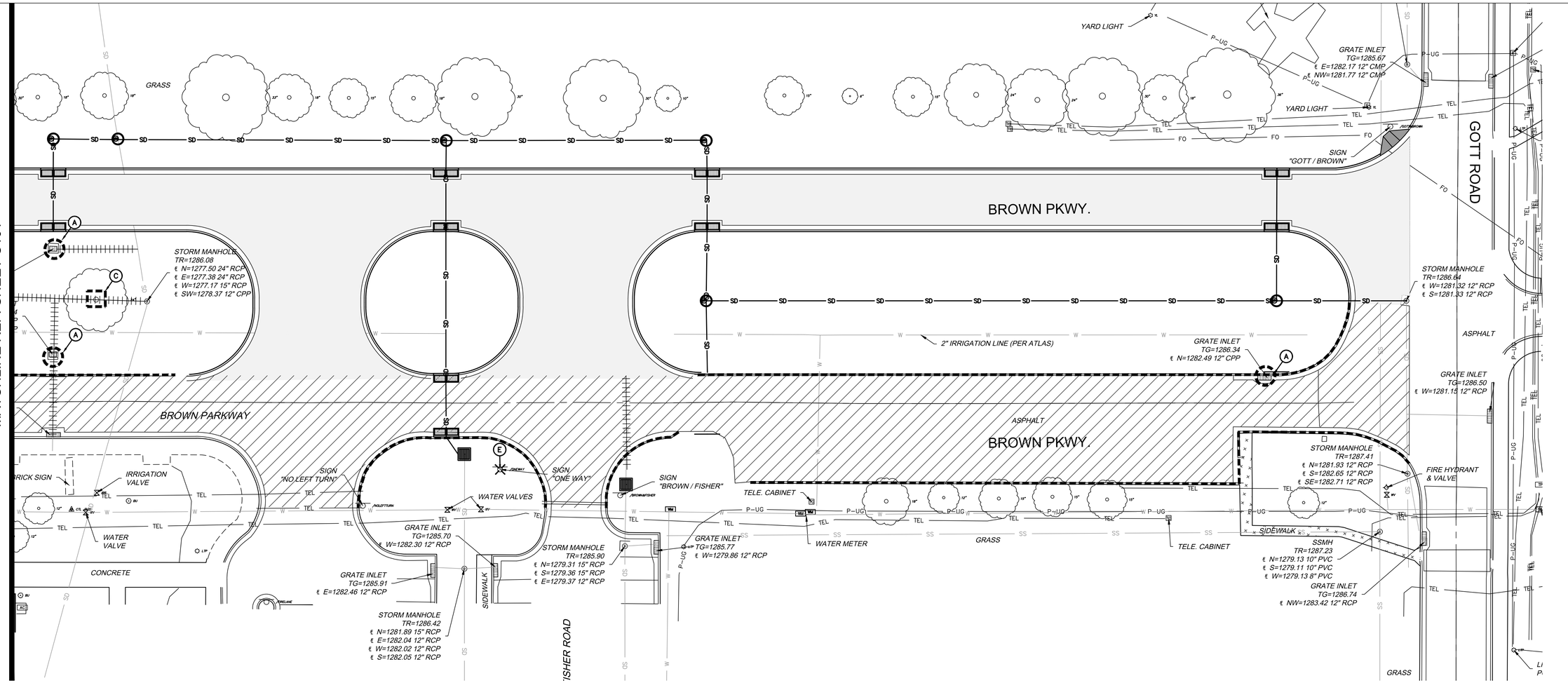
REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

DEMOLITION PLAN (1) - EB
PH2

C201

100%

MATCHLINE REF: SHEET C101




## DEMOLITION LEGEND

- DEMOLITION OF ASPHALT
- DEMOLITION OF SIDEWALK
- DEMOLITION OF CONCRETE
- REMOVE EXISTING STORM SEWER
- ABANDON IN PLACE
- REMOVE EXISTING CONCRETE CURB AND GUTTER
- (A) REMOVE EXISTING STORM INLET
- (B) REMOVE EXISTING STORM MANHOLE
- (C) REMOVE EXISTING TREE
- (D) REMOVE AND STORE EXISTING FLAGPOLE
- (E) REMOVE EXISTING SIGN

0' 10' 20' 40'
SCALE IN FEET

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DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

DEMOLITION PLAN (2) - EB
PH2

C202

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

TEMPORARY INLET SEDIMENT GRAVEL BAG. REF: DETAIL THIS SHEET

TEMPORARY ROCK BAG CURB INLET BARRIER REF: DETAIL THIS SHEET

THOMPSON AVE.

ANDERSON ST.

BROWN PKWY.

BROWN PKWY.

MATCHLINE, SEE SHEET C105

STMH TR=1285.28 ℄ NE=1280.40 15" RCP

8" PVC FL=1284.35

STMH TR=1286.28 ℄ NE=1277.53 24" RCP ℄ SW=1277.53 24" RCP

SSMH TR=1282.69 ℄ NW=1276.55 12" PVC ℄ SE=1276.65 10" PVC ℄ SW=1276.71 12" PVC

SSMH TR=1286.50 ℄ NE&SW=1280.14 10" PVC ℄ NW=1281.20 10" PVC

STMH TR=1286.63 ℄ NE=1281.36 12" RCP ℄ W=1281.42 12" RCP ℄ S=1281.78 6" PVC

GRATE INLET TG=1286.34 ℄ S=1284.87 12" CMP ℄ E=1284.78 12" RCP

GRATE INLET TG=1285.98 ℄ N=1280.97 12" RCP ℄ S=1281.13 8" PVC

6" PVC ℄ =1285.68

CONC. SIGN "VANCE AFB"

FLAG POLE

FLAG POLE (TYP.)

2" IRRIGATION LINE (PER ATLAS)

TELE. MANHOLE

ELEC. MANHOLE

TRANSFORMER

TELE. PEDESTAL

ELEC. PEDESTAL

TELE. CABINET

TRANSFORMER

FIRE HYDRANT

CLEANOUT

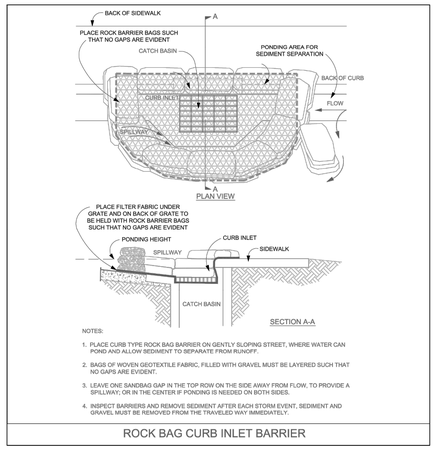
GROUND LIGHTS

CONCRETE

WATER METERS

SIDEWALK

GRASS




NOTES:

1. PLACE CURB TYPE ROCK BAG BARRIER ON GENTLY SLOPING STREET, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

ROCK BAG CURB INLET BARRIER

## LEGEND

- SILT FENCE MUST BE INSTALLED IN NO GREATER THAN 100' RUNS; THE ENDS OF EACH RUN MUST TURN UPHILL ('J' HOOKS) FOR AN APPROPRIATE DISTANCE TO KEEP WATER FROM FLOWING TO THE NEXT SECTION.
- DISTURBED AREA (2.12 ACRES ±)
- CONSTRUCTION ENTRANCE/EXIT (REF. DETAIL)
- CONCRETE WASHOUT
- ROCK BAG CURB INLET PROTECTION
- FLOW ARROWS

N

0' 10' 20' 40'

SCALE IN FEET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PROJECT NO.: XTLF21-1045PB

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

EROSION CONTROL PLAN
(1) - EB PH2

C203

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

MATCHLINE, SEE SHEET C104

GOTT ROAD

BROWN PKWY.

BROWN PARKWAY

GRASS

AIRCRAFT MONUMENT

YARD LIGHT

STORM MANHOLE
TR=1286.66
℄ N=1282.01 12" CMP
℄ SE=1282.05 12" CMP

GRATE INLET
TG=1285.67
℄ E=1282.17 12" CMP
℄ NW=1281.77 12" CMP

SIGN
GOTT / BROWN"

STORM MANHOLE
TR=1286.08
℄ N=1277.50 24" RCP
℄ E=1277.38 24" RCP
℄ W=1277.17 15" RCP
℄ SW=1278.37 12" CPP

TEMPORARY ROCK BAG CURB INLET BARRIER
REF: DETAIL THIS SHEET

2" IRRIGATION LINE (PER ATLAS)

CONCRETE WASHOUT AND GRAVEL CONSTRUCTION ENTRANCE. REF: DETAIL, THIS SHEET

STORM MANHOLE
TR=1286.64
℄ W=1281.32 12" RCP
℄ S=1281.33 12" RCP

GRATE INLET
TG=1286.50
℄ W=1281.15 12" RCP

STORM MANHOLE
TR=1287.41
℄ N=1281.93 12" RCP
℄ S=1282.65 12" RCP
℄ SE=1282.71 12" RCP

FIRE HYDRANT & VALVE

SIGN
"NO LEFT TURN"

SIGN
"BROWN / FISHER"

TELE. CABINET

IRRIGATION VALVE

WATER VALVES

WATER METER

SIDEWALK

SSMH
TR=1287.23
℄ N=1279.13 10" PVC
℄ S=1279.11 10" PVC
℄ W=1279.13 8" PVC

GRATE INLET
TG=1286.74
℄ NW=1283.42 12" RCP

WATER VALVE

CONCRETE

GRATE INLET
TG=1285.70
℄ W=1282.30 12" RCP

GRATE INLET
TG=1285.91
℄ E=1282.46 12" RCP

STORM MANHOLE
TR=1285.90
℄ N=1279.31 15" RCP
℄ S=1279.36 15" RCP
℄ E=1279.37 12" RCP

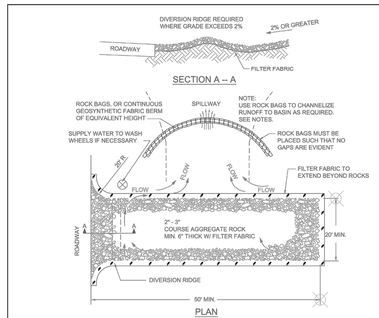
GRATE INLET
TG=1285.77
℄ W=1279.86 12" RCP

STORM MANHOLE

SIDEWALK

DRIVELANE

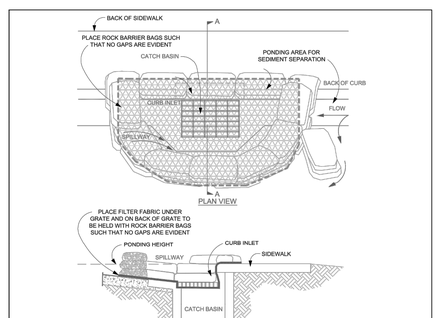
RICK SIGN




NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.

TEMPORARY ROCK CONSTRUCTION ENTERANCE / EXIT




NOTES:

1. PLACE CURB TYPE ROCK BAG BARRIER ON GENTLY SLOPING STREET, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS OF WOVEN GEOTEXTILE FABRIC, FILLED WITH GRAVEL MUST BE LAYERED SUCH THAT NO GAPS ARE EVIDENT.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW ON THE SIDE AWAY FROM FLOW, TO PROVIDE A SPILLWAY; OR IN THE CENTER IF PONDING IS NEEDED ON BOTH SIDES.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

ROCK BAG CURB INLET BARRIER

## LEGEND

- SILT FENCE MUST BE INSTALLED IN NO GREATER THAN 100' RUNS; THE ENDS OF EACH RUN MUST TURN UPHILL ('J' HOOKS) FOR AN APPROPRIATE DISTANCE TO KEEP WATER FROM FLOWING TO THE NEXT SECTION.
- DISTURBED AREA (2.12 ACRES ±)
- CONSTRUCTION ENTRANCE/EXIT (REF. DETAIL)
- CONCRETE WASHOUT
- ROCK BAG CURB INLET PROTECTION
- FLOW ARROWS

N

0' 10' 20' 40'

SCALE IN FEET


UNITED STATES AIR FORCE
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CHECKED BY: RB
PROJECT NO.: XTLF21-1045PB
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

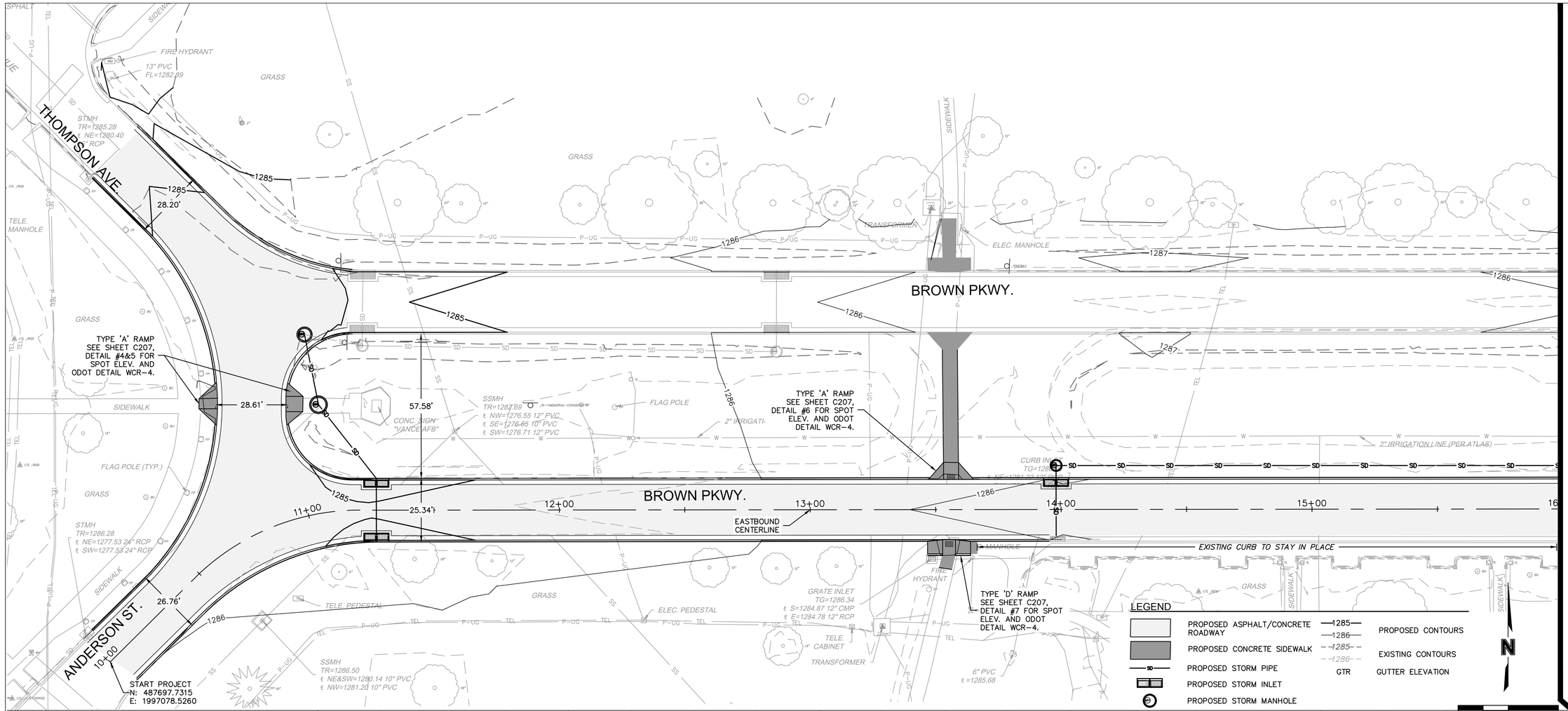
EROSION CONTROL PLAN
(2) - EB PH2

C204

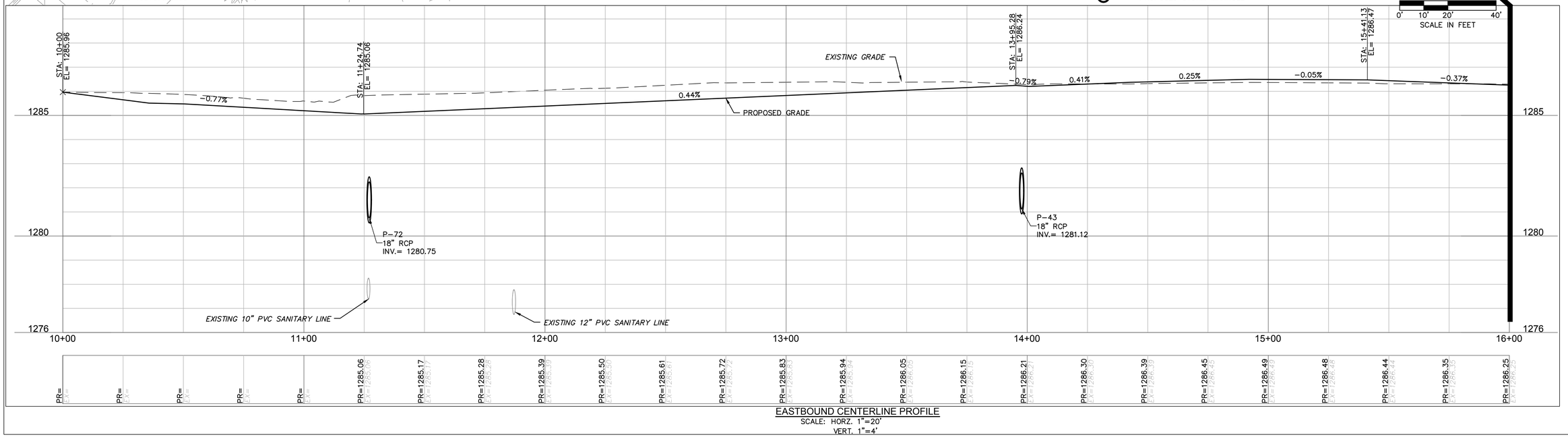
100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




MATCHLINE STA 16+00.00




EASTBOUND CENTERLINE PROFILE

SCALE: HORZ. 1"=20'
VERT. 1"=4'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DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

ROADWAY PLAN & PROFILE (1) - EB PH2

C205

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

MATCHLINE STA 16+00.00

LEGEND

PROPOSED ASPHALT/CONCRETE ROADWAY
PROPOSED CONCRETE SIDEWALK
PROPOSED STORM PIPE
PROPOSED STORM INLET
PROPOSED STORM MANHOLE
PROPOSED CONTOURS
EXISTING CONTOURS
GTR GUTTER ELEVATION

N

0' 10' 20' 40'
SCALE IN FEET

BROWN PARKWAY
BROWN PKWY.
BROWN PKWY.
56.02'
25.34'
EASTBOUND CENTERLINE
2" IRRIGATION LINE (PER ATLAS)
EXISTING CURB TO STAY IN PLACE
ASPHALT
CONCRETE
GRASS
SIDEWALK
AIRCRAFT MONUMENT
YARD LIGHT
SIGN "GOTT / BROWN"
SIGN "BROWN / FISHER"
IRRIGATION VALVE
WATER VALVE
WATER VALVES
WATER METER
FIRE HYDRANT & VALVE
TELE. CABINET

STORM MANHOLE TR=1286.66 ℄ N=1282.01 12" CMP ℄ SE=1282.05 12" CMP
GRATE INLET TG=1285.67 ℄ E=1282.17 12" CMP ℄ NW=1281.77 12" CMP
STORM MANHOLE TR=1286.08 ℄ N=1277.50 24" RCP ℄ E=1277.38 24" RCP ℄ W=1277.17 15" RCP ℄ SW=1278.37 12" CPP
STORM MANHOLE TR=1286.64 ℄ W=1281.32 12" RCP ℄ S=1281.33 12" RCP
GRATE INLET TG=1286.50 ℄ 1281.15 12" RCP
STORM MANHOLE TR=1286.77 ℄ N=1281.93 12" RCP ℄ S=1282.65 12" RCP ℄ SE=1282.71 12" RCP
SSMH TR=1287.23 ℄ N=1279.13 10" PVC ℄ S=1279.11 10" PVC ℄ W=1279.13 8" PVC
GRATE INLET TG=1285.70 ℄ W=1282.30 12" RCP
GRATE INLET TG=1285.91
STORM MANHOLE TR=1286.00 ℄ N=1279.31 15" RCP ℄ S=1279.36 15" RCP ℄ E=1279.37 12" RCP
GRATE INLET TG=1285.77 ℄ W=1279.86 12" RCP

STA: 17+65.11, 12.00' RT
GTR EL= 1285.72
STA: 17+88.55, 12.00' RT
GTR EL= 1285.69
STA: 18+59.55, 12.00' RT
GTR EL= 1286.05
STA: 21+32.81, 39.06' LT
GTR EL= 1287.00
STA: 21+03.13, 12.01' LT
GTR EL= 1286.87
STA: 21+27.70, 12.00' RT
GTR EL= 1286.97

R=28.50'
L=34.68'
R=22.66'
L=32.70'
R=24.00'
L=37.47'
R=28.50'
L=41.52'
R=40.45'
L=31.89'

17+00
18+00
19+00
20+00
21+00
21+56.04

1286
1287

END PROJECT
N: 487724.3739
E: 1997775.4799

END PROJECT
N: 487722.3672
E: 1997881.9872

END PROJECT
N: 487760.7792
E: 1998213.5714
GTR =1286.81±ME

0.44%
-0.54%
0.50%
0.38%
PROPOSED GRADE
EXISTING GRADE
STA: 17+79.50 EL= 1285.89
STA: 20+54.[illegible] EL= 1287.[illegible]
STA: 21+56.04 EL= 1286.87

1285
1280
1276

P-42
18" RCP
INV.= 1280.43

P-15
18" RCP
INV.= 1282.42

P-80
18" RCP
INV.= 1283.54

EXISTING PIPE FROM WESTBOUND CONSTRUCTION
18" RCP
INV.= 1278.61

16+00 17+00 18+00 19+00 20+00 21+00 21+57.04

PR=1286.25 EX=1286.25
PR=1286.26 EX=1286.26
PR=1286.37 EX=1286.37
PR=1286.45 EX=1286.45
PR=1286.32 EX=1286.32
PR=1286.18 EX=1286.18
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PR=1287.19 EX=1287.19
PR=1287.09 EX=1287.09
PR=1286.99 EX=1286.99
PR=1286.90 EX=1286.90
PR=

EASTBOUND CENTERLINE PROFILE
SCALE: HORZ. 1"=20'
VERT. 1"=4'


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PROJECT NO.: XTLF21-10459B
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

ROADWAY PLAN & PROFILE (2)
- EB PH2

C206

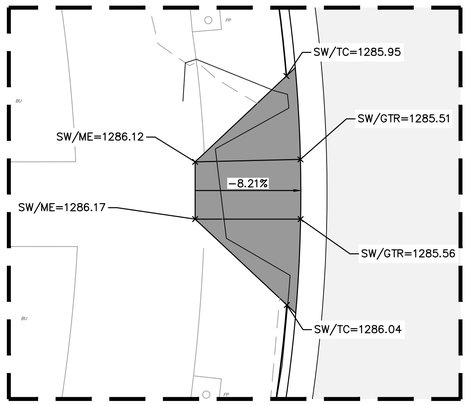
100%

1 1/2"(ACTUAL SIZE)

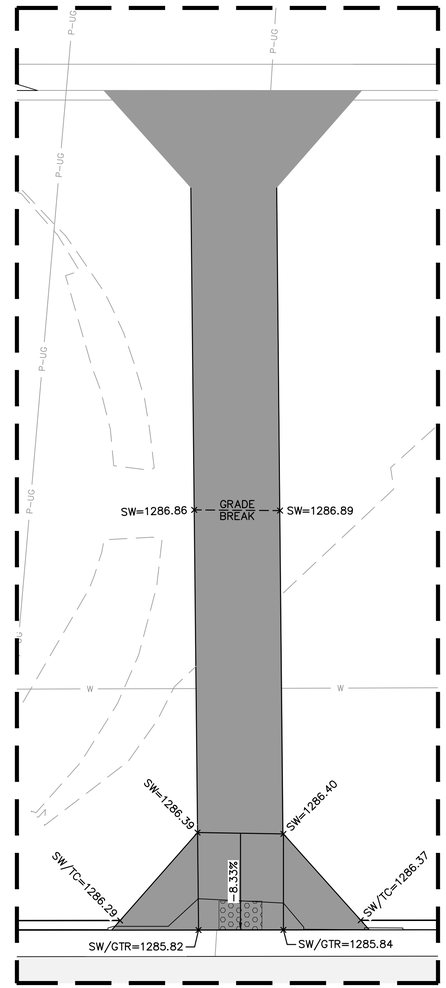
DRAWING SIZE INTENDED TO BE 24" x 36"

LEGEND

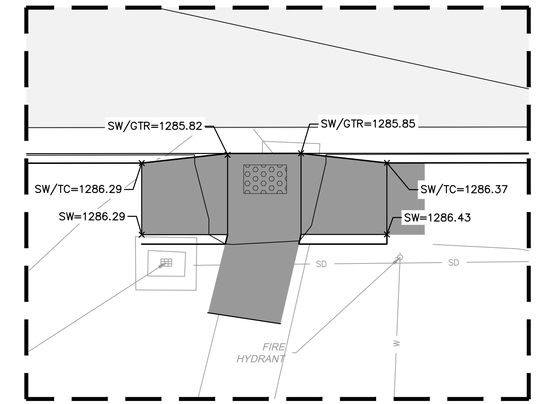
| | | | |
|---|---|---|---|
| | PROPOSED ASPHALT/CONCRETE ROADWAY | 1285 / 1286 | PROPOSED CONTOURS |
| | PROPOSED CONCRETE SIDEWALK | 1285 / 1286 | EXISTING CONTOURS |
| | | GTR | GUTTER ELEVATION |
| | | TC | TOP OF CURB ELEVATION |
| | | ME | MATCH EXISTING ELEVATION |



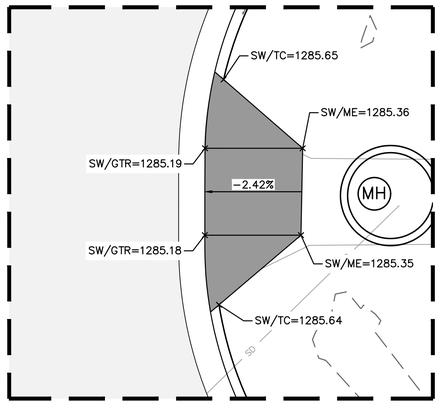

SIDEWALK DETAIL #4
SCALE: 1"=5'




SIDEWALK DETAIL #6
SCALE: 1"=5'




SIDEWALK DETAIL #7
SCALE: 1"=5'




SIDEWALK DETAIL #5
SCALE: 1"=5'

7TH FLYING TRAINING WING

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| Revision Number | Description | Date |
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| | | |

DRAWN BY: BG
CHECKED BY: RB
PROJECT NO.: XTLF21-1045PB
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

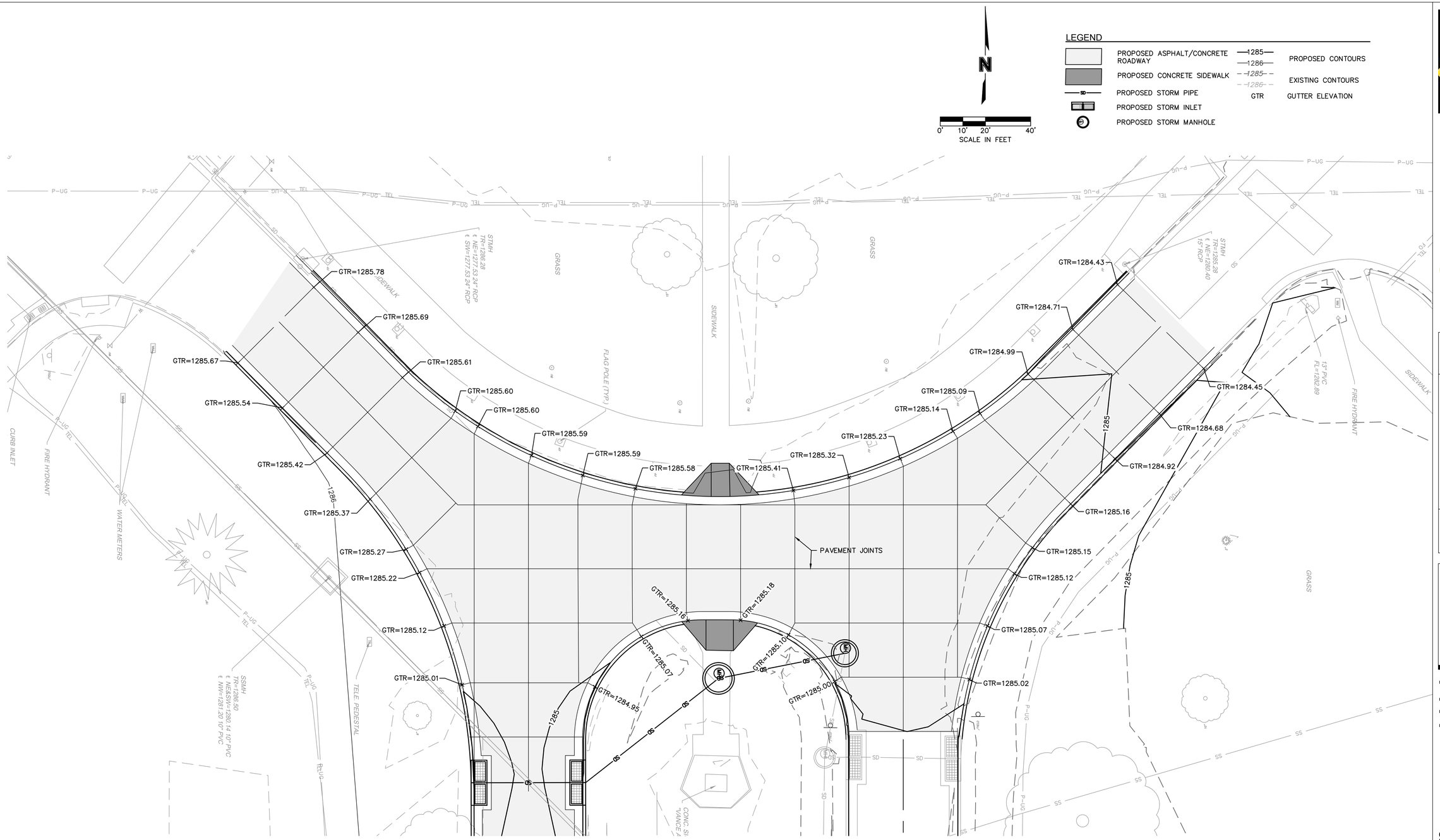
## SIDEWALK RAMPS- EB PH2

C207

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"





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# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

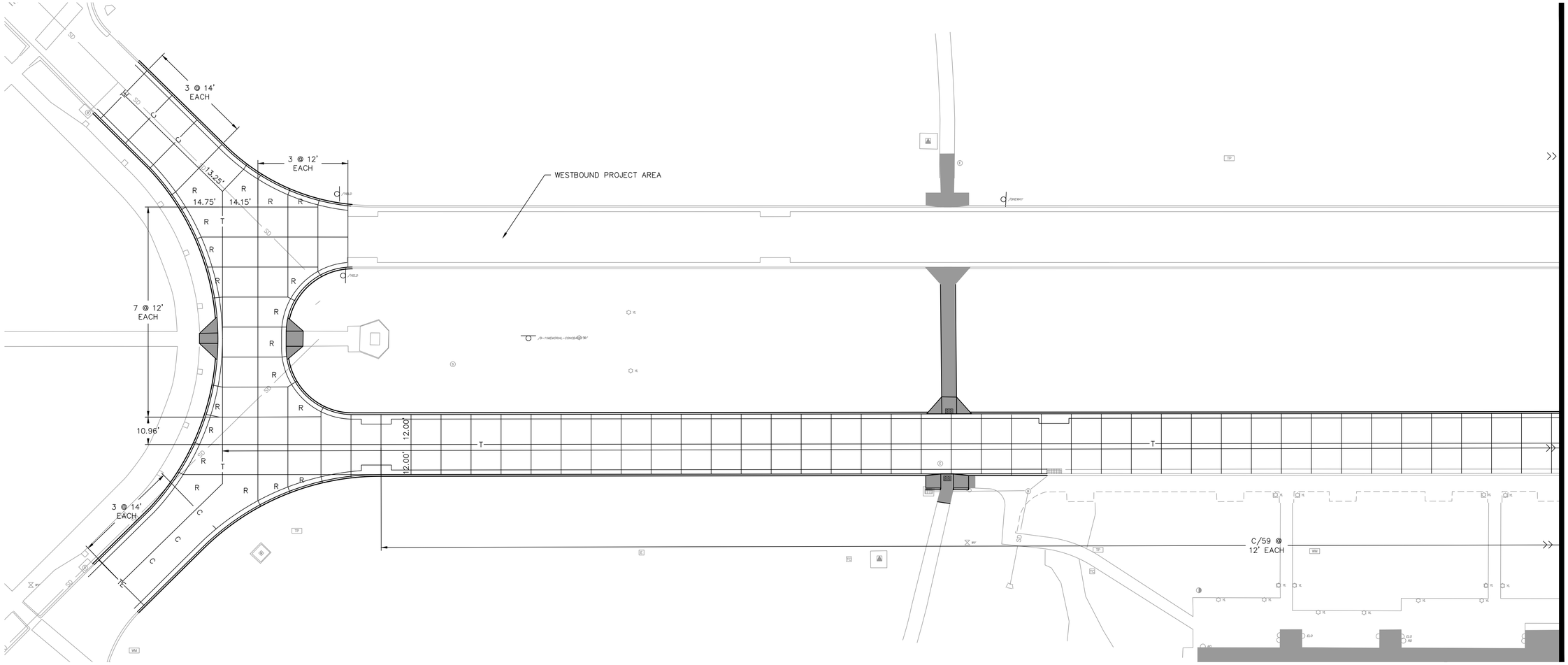
SPOT ELEVATIONS - EB PH2

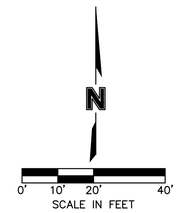
C208

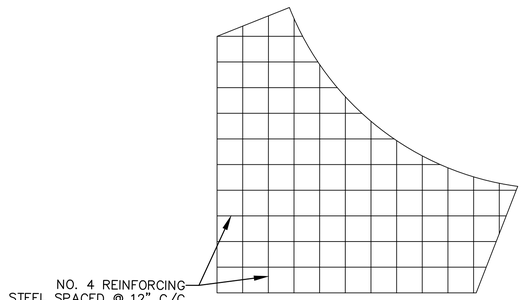
100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

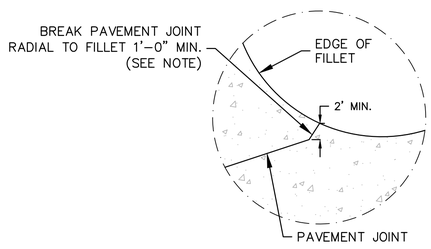


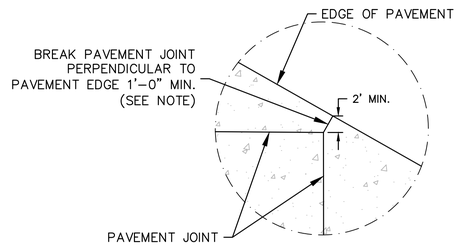

REINFORCED PANEL DETAIL

N.T.S.




CURVED PAVEMENT EDGE DETAIL

N.T.S.




STRAIGHT PAVEMENT EDGE DETAIL

N.T.S.

PAVEMENT JOINT LEGEND

—C— CONTRACTION JOINT W/ DOWELS

—E— EXPANSION JOINT

R REINFORCED CONCRETE SLAB

—T— TIED JOINT

—TE— THICKENED EDGE

NOTES:

1. TRANSVERSE JOINTS SHALL BE PLACED AT 15 FEET SPACING UNLESS OTHERWISE NOTED.
2. SEE ODOT STD. LECS–5 FOR JOINT DETAILS.
3. FOR ADDITIONAL INFORMATION SEE ODOT STD. CSCD–6, ASCD–6, & LTU–5.
4. FOR REINFORCED PANEL DESIGN DETAILS SEE THIS SHEET.
5. FOR SIDEWALK DETAIL REFER TO DETAIL D/C502.
6. JOINT LAYOUT ONLY TO BE USED ON CONCRETE OPTION.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DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

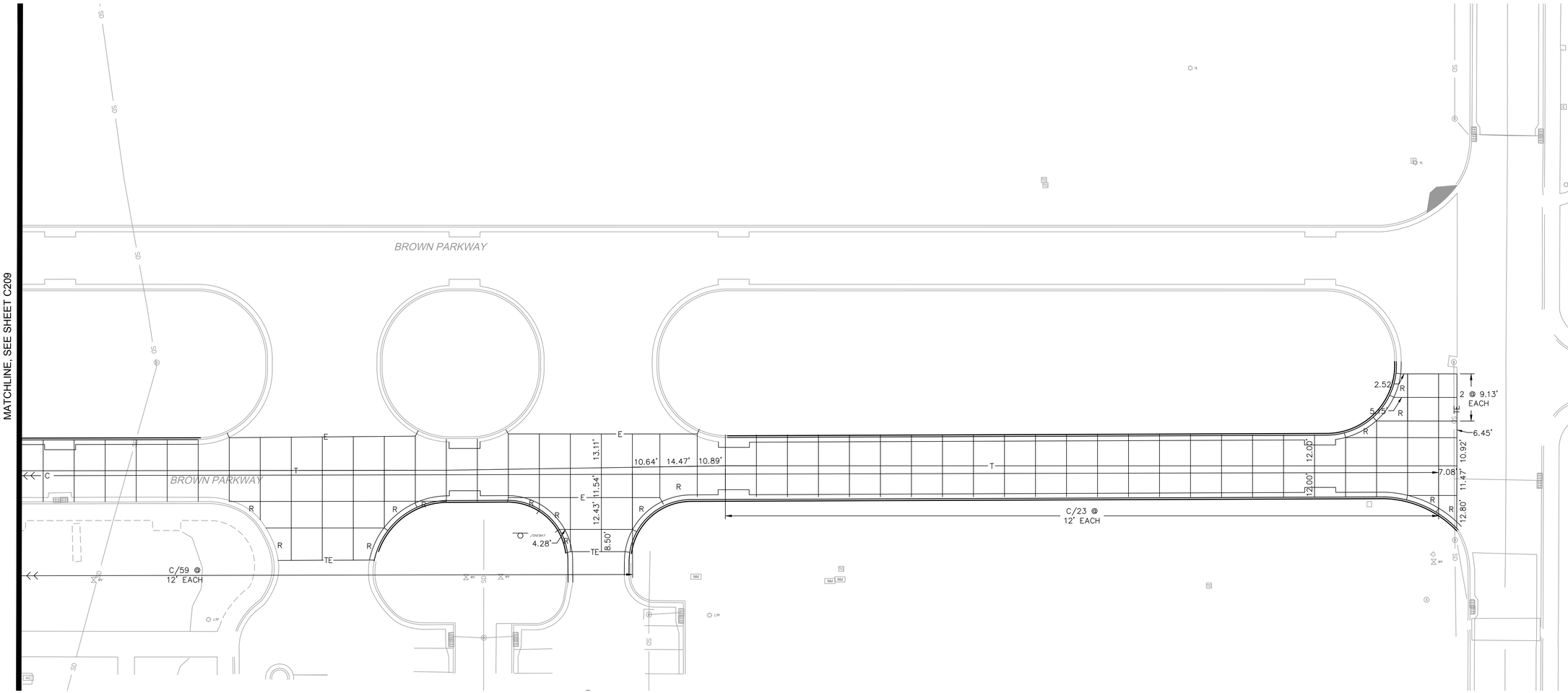
JOINT LAYOUT PLAN (1)

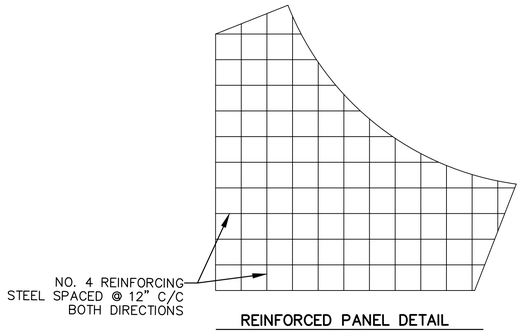
C113

100%

1 1/2"(ACTUAL SIZE)

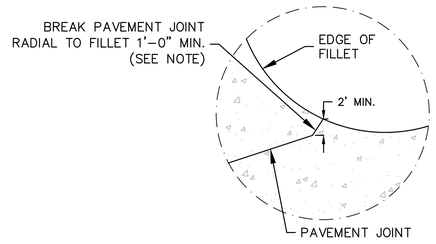
DRAWING SIZE INTENDED TO BE 24" x 36"



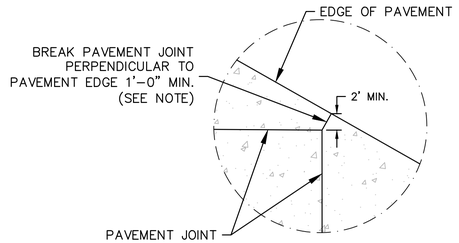

REINFORCED PANEL DETAIL

N.T.S.




CURVED PAVEMENT EDGE DETAIL

N.T.S.




STRAIGHT PAVEMENT EDGE DETAIL

N.T.S.

PAVEMENT JOINT LEGEND

—C— CONTRACTION JOINT W/ DOWELS

—E— EXPANSION JOINT

R REINFORCED CONCRETE SLAB

—T— TIED JOINT

—TE— THICKENED EDGE

NOTES:

1. TRANSVERSE JOINTS SHALL BE PLACED AT 15 FEET SPACING UNLESS OTHERWISE NOTED.
2. SEE ODOT STD. LECS-5 FOR JOINT DETAILS.
3. FOR ADDITIONAL INFORMATION SEE ODOT STD. CSCD-6, ASCD-6, & LTU-5.
4. FOR REINFORCED PANEL DESIGN DETAILS SEE THIS SHEET.
5. FOR SIDEWALK DETAIL REFER TO DETAIL D/C502.
6. JOINT LAYOUT ONLY TO BE USED ON CONCRETE OPTION.

N

0' 10' 20' 40'

SCALE IN FEET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DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

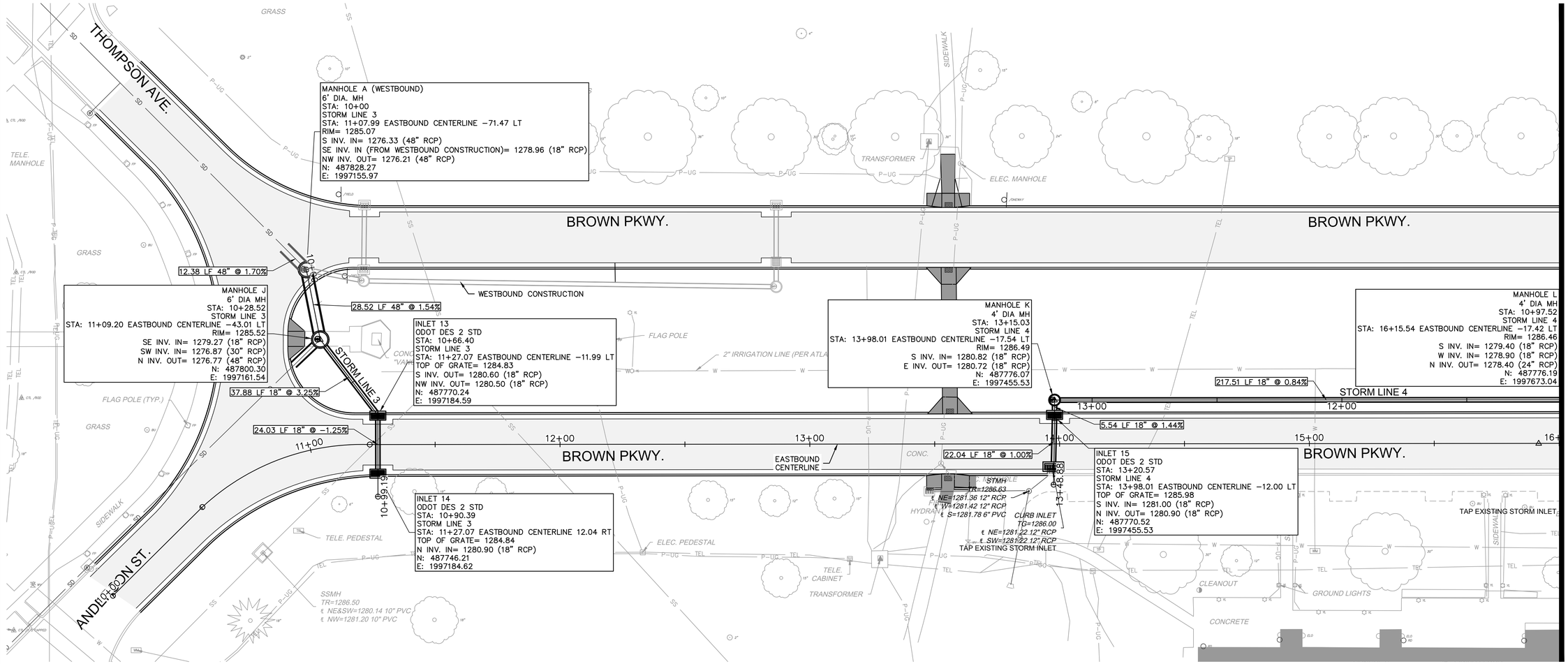
JOINT LAYOUT PLAN (2)

C113

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




N

0' 10' 20' 40'

SCALE IN FEET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DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

STORM SEWER PLAN (1) - EB PH2

C211

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

MATCHLINE STA 16+00.00

BROWN PKWY.

BROWN PKWY.

TAP WESTBOUND CONSTRUCTION INLET 6
S INV. IN= 1278.00

STORM MANHOLE
TR=1286.08
℄ N=1277.50 24" RCP
℄ E=1277.38 24" RCP
℄ W=1277.17 15" RCP
℄ SW=1278.37 12" CPP

STORM LINE 4A

55.06 LF 24" @ 0.73%

INLET 16
ODOT DES 2 STD
STA: 10+05.42
STORM LINE 4A
STA: 16+15.52 EASTBOUND CENTERLINE −12.00 LT
TOP OF GRATE= 1286.04
S INV. IN= 1279.80 (18" RCP)
N INV. OUT= 1279.70 (18" RCP)
N: 487770.77
E: 1997673.03

5.42 LF 18" @ 5.53%

22.45 LF 18" @ 5.21%

GRATE INLET
TG=1285.98
℄ N=1280.97 12" RCP
℄ S=1281.13 8" PVC

WESTBOUND CONSTRUCTION

WESTBOUND CONSTRUCTION

TAP WESTBOUND CONSTRUCTION INLET 19
S INV. IN= 1281.72

22.66 LF 18" @ 6.53%

STORM LINE 5

INLET 20
ODOT DES 2 STD
STA: 10+58.03
STORM LINE 5
STA: 18+75.50 EASTBOUND CENTERLINE 12.00 RT
TOP OF GRATE= 1286.13
N INV. OUT= 1283.20 (18" RCP)
N: 487747.68
E: 1997933.08

EASTBOUND CENTERLINE

65.45 LF 18" @ 0.50%

JUNCTION BOX B
4' X 4' AREA INLET
TOP OF GRATE= 1286.66
W INV. OUT= 1279.17 (18" RCP)
N: 487727.695
E: 1997901.363

REPLACE TEMPORARY STRUCTURE FROM WESTBOUND CONSTRUCTION

TAP WESTBOUND CONSTRUCTION MANHOLE I
S INV. IN= 1281.50

STORM MANHOLE
TR=1286.64
℄ W=1281.32 12" RCP
℄ S=1281.33 12" RCP

INLET 21
ODOT DES 2 STD
STA: 10+32.23
STORM LINE 6
STA: 21+03.36 EASTBOUND CENTERLINE −12.01 LT
TOP OF GRATE= 1286.86
S INV. IN= 1283.19 (18" RCP)
N INV. OUT= 1283.09 (18" RCP)
N: 487772.58
E: 1998160.84

28.33 LF 18" @ 5.61%

STORM LINE 6

24.01 LF 18" @ 2.87%

INLET 22
ODOT DES 2 STD
STA: 10+56.24
STORM LINE 6
STA: 21+03.27 EASTBOUND CENTERLINE 12.00 RT
TOP OF GRATE= 1286.84
N INV. OUT= 1283.88 (18" RCP)
N: 487748.57
E: 1998160.84

21+56.04

AIRCRAFT MONUMENT

YARD LIGHT

YARD LIGHT

SIGN "GOTT / BROWN"

SIGN "NO LEFT TURN"

SIGN "BROWN / FISHER"

FIRE HYDRANT & VALVE

WATER VALVES

WATER VALVE

GRATE INLET
TG=1285.70
℄ W=1282.30 12" RCP

GRATE INLET
TG=1285.91
℄ E=1282.46 12" RCP

STORM MANHOLE
TR=1285.90
℄ N=1279.31 15" RCP
℄ S=1279.36 15" RCP
℄ E=1279.37 12" RCP

STORM MANHOLE

SIDEWALK

CONCRETE

WATER METER

GRASS

TELE. CABINET

SIDEWALK

SSMH
TR=1287.23
℄ N=1279.13 10" PVC
℄ S=1279.11 10" PVC
℄ W=1279.13 8" PVC

ASPHALT

2" IRRIGATION LINE (PER ATLAS)

0' 10' 20' 40'
SCALE IN FEET

N


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# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

STORM SEWER PLAN (2) - EB PH2

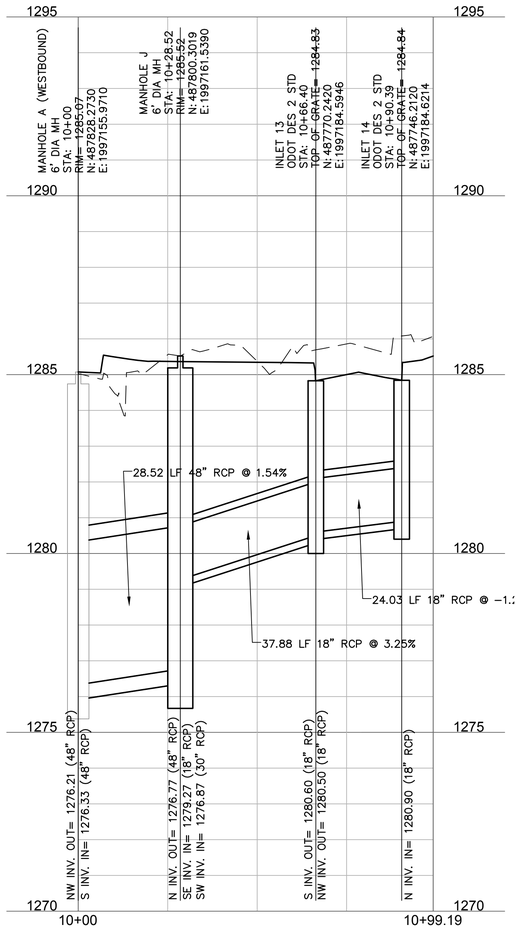
C212

100%

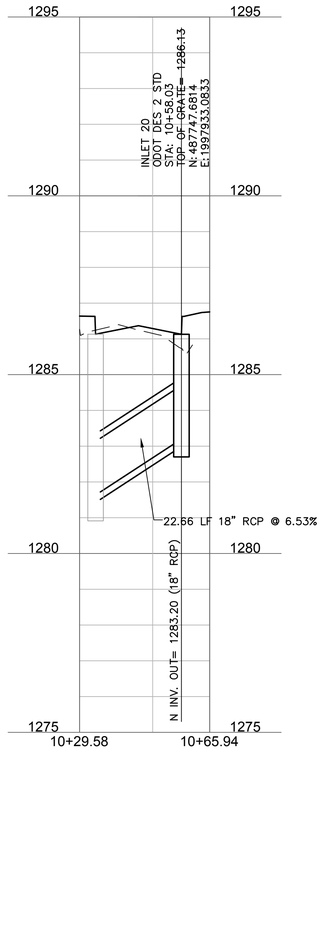
1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

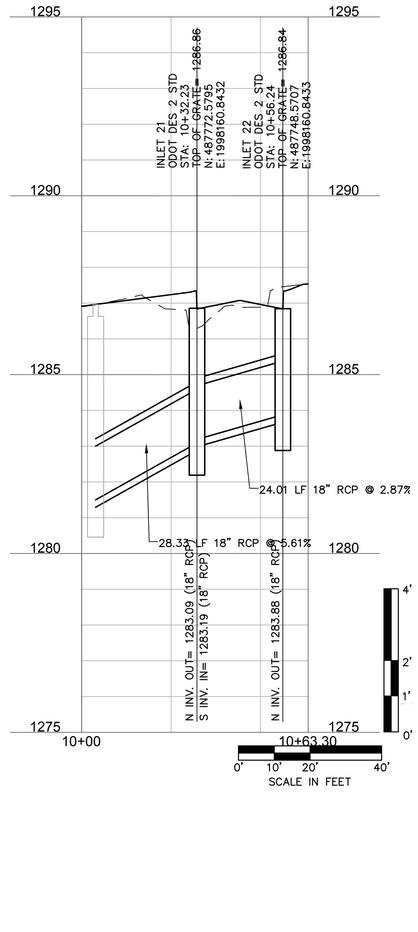
# STORM LINE 3 (10+00 - 10+99.19)




# STORM LINE 5 (10+29.58 - 10+65.94)




# STORM LINE 6 (10+00 - 10+63.30)





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REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

STORM SEWER PROFILE (1) - EB
PH2

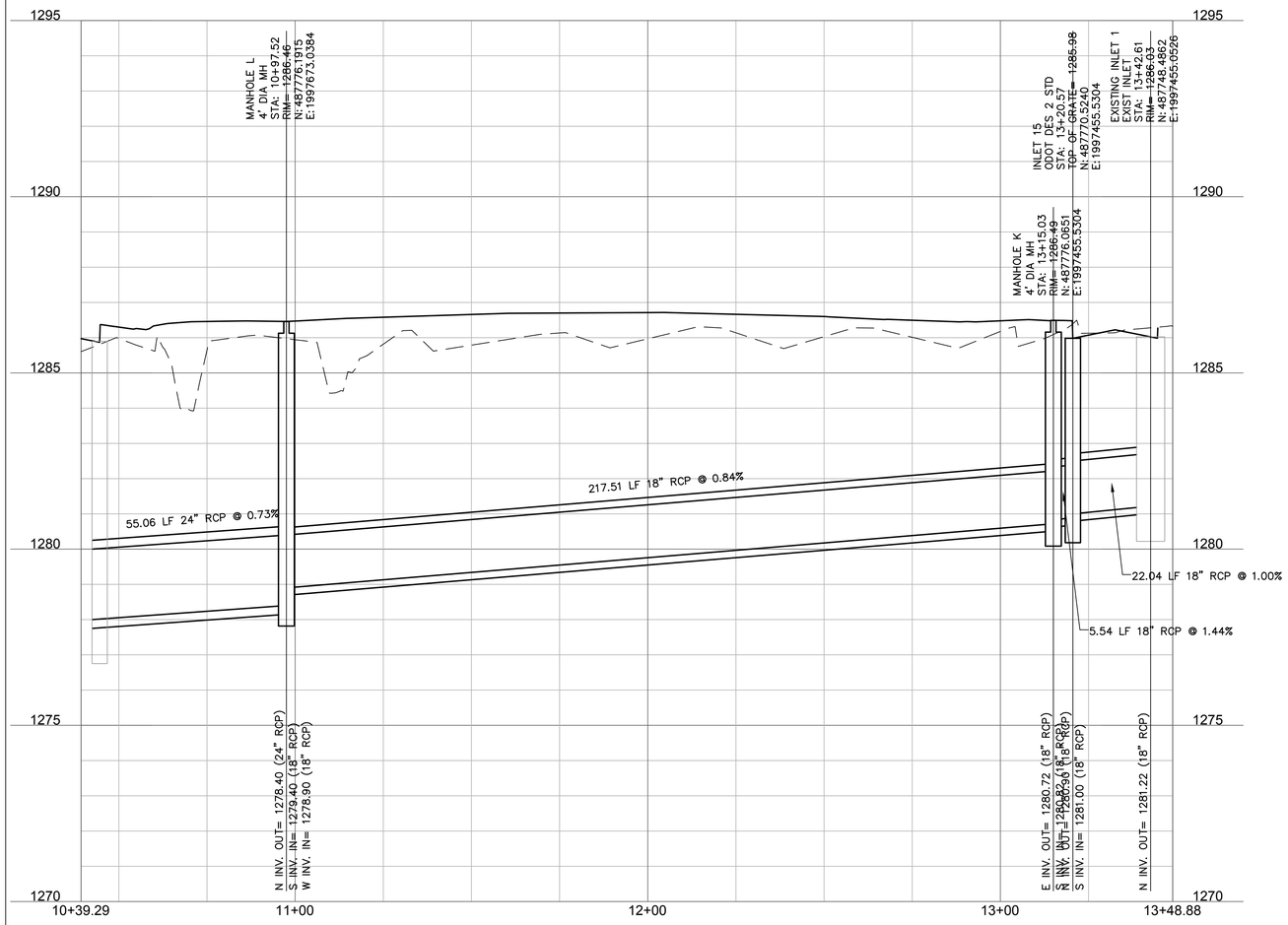
C213

100%

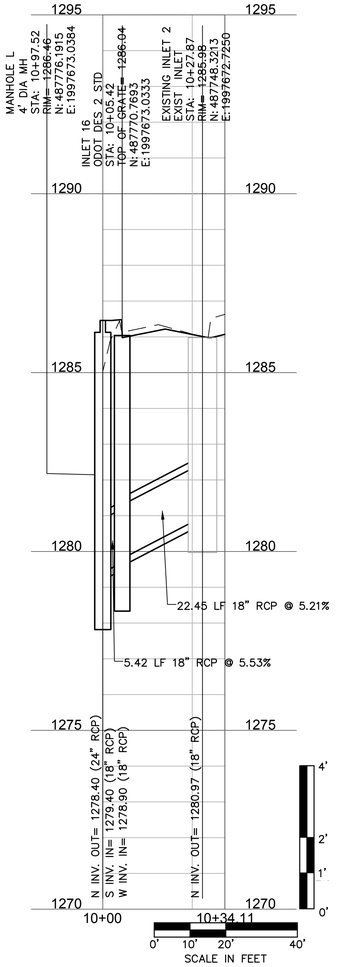
1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

# STORM LINE 4 (10+39.29 - 13+48.88)




# STORM LINE 4A (10+00 - 10+34.11)





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REPAIR PAVEMENTS
BROWN PARKWAY
EASTBOUND, B07161, PH 2

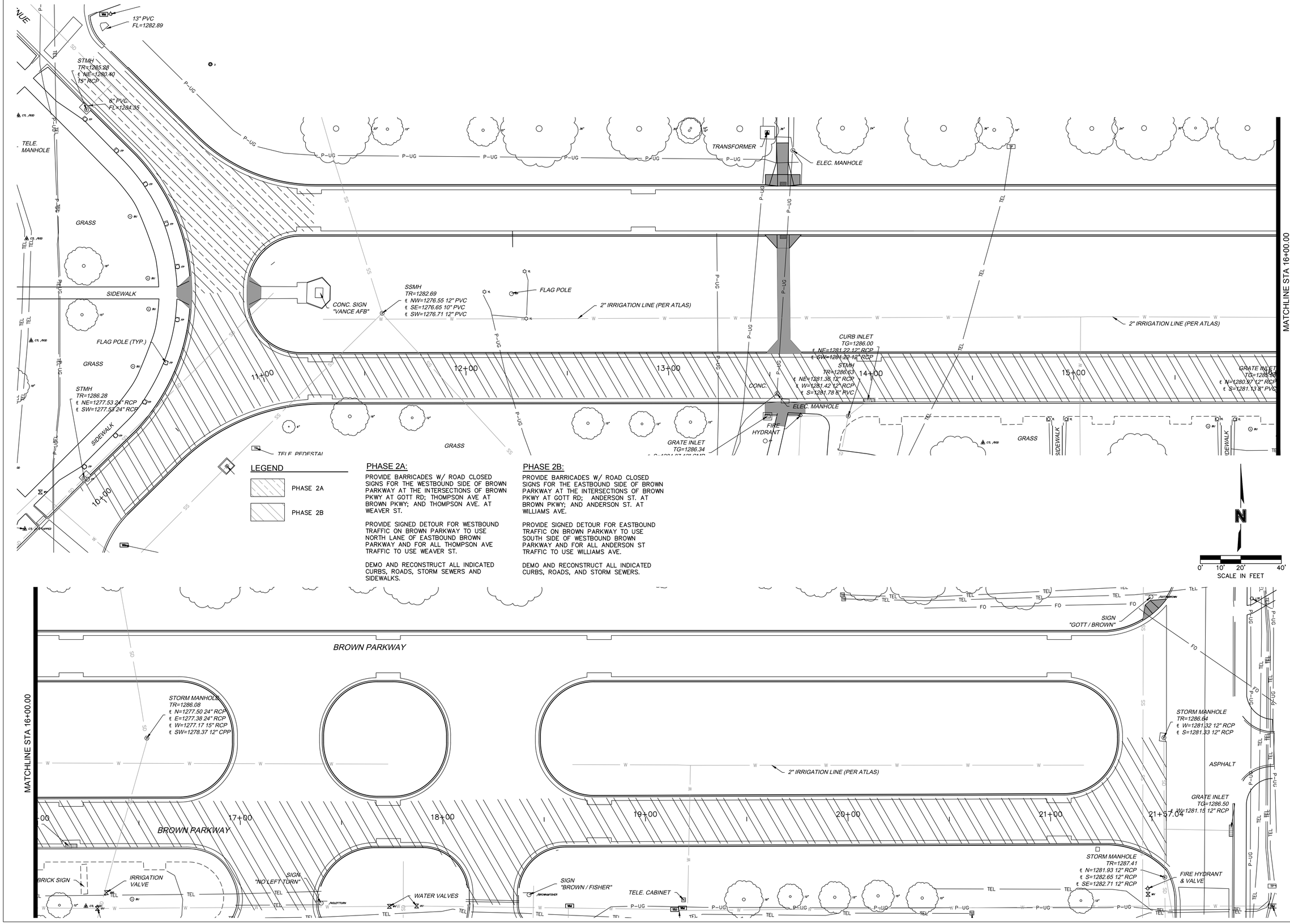
STORM SEWER PROFILE (2) - EB
PH2

C214

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




## LEGEND

- PHASE 2A
- PHASE 2B

## PHASE 2A:

PROVIDE BARRICADES W/ ROAD CLOSED SIGNS FOR THE WESTBOUND SIDE OF BROWN PARKWAY AT THE INTERSECTIONS OF BROWN PKWY AT GOTT RD; THOMPSON AVE AT BROWN PKWY; AND THOMPSON AVE. AT WEAVER ST.

PROVIDE SIGNED DETOUR FOR WESTBOUND TRAFFIC ON BROWN PARKWAY TO USE NORTH LANE OF EASTBOUND BROWN PARKWAY AND FOR ALL THOMPSON AVE TRAFFIC TO USE WEAVER ST.

DEMO AND RECONSTRUCT ALL INDICATED CURBS, ROADS, STORM SEWERS AND SIDEWALKS.

## PHASE 2B:

PROVIDE BARRICADES W/ ROAD CLOSED SIGNS FOR THE EASTBOUND SIDE OF BROWN PARKWAY AT THE INTERSECTIONS OF BROWN PKWY AT GOTT RD; ANDERSON ST. AT BROWN PKWY; AND ANDERSON ST. AT WILLIAMS AVE.

PROVIDE SIGNED DETOUR FOR EASTBOUND TRAFFIC ON BROWN PARKWAY TO USE SOUTH SIDE OF WESTBOUND BROWN PARKWAY AND FOR ALL ANDERSON ST TRAFFIC TO USE WILLIAMS AVE.

DEMO AND RECONSTRUCT ALL INDICATED CURBS, ROADS, AND STORM SEWERS.

N

0' 10' 20' 40'

SCALE IN FEET





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# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

## SUGGESTED SEQUENCE OF CONSTRUCTION - EB PH2

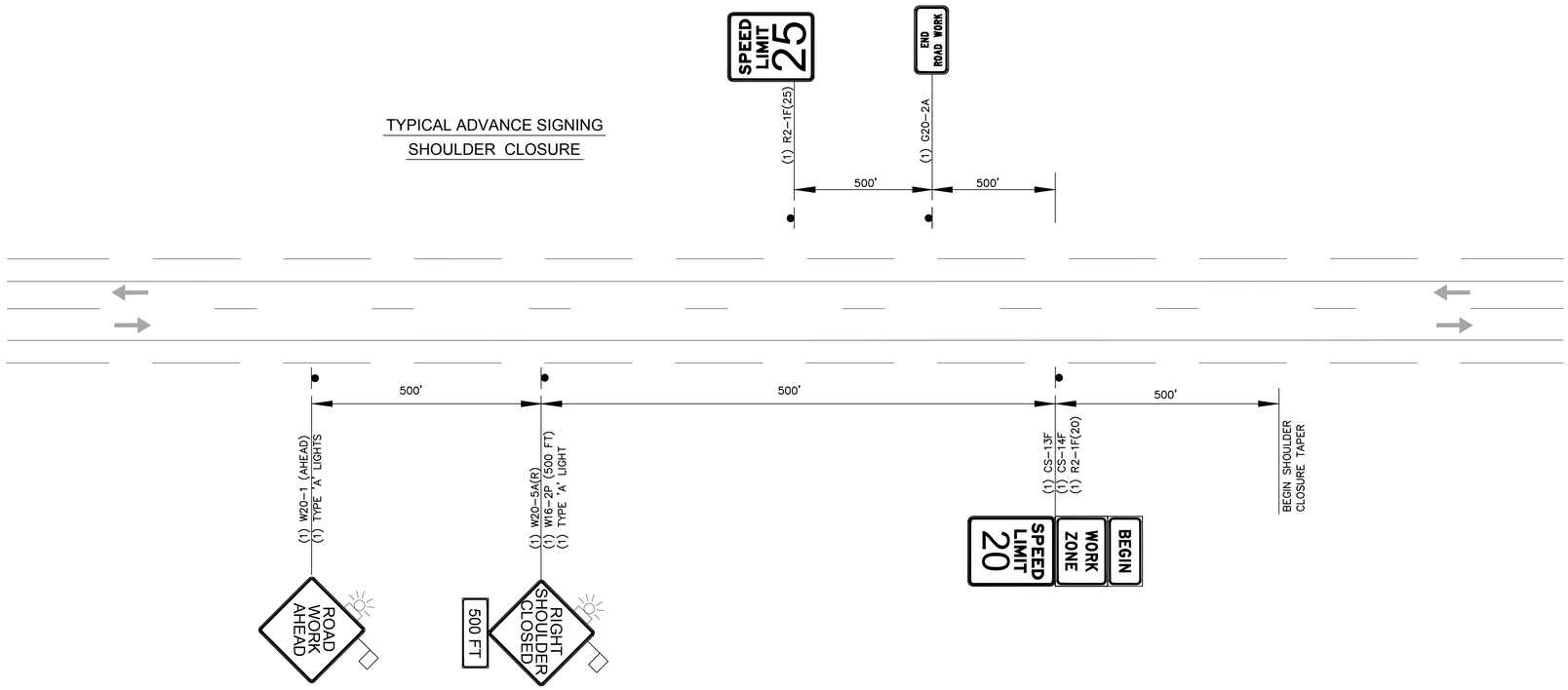
C215

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## TYPICAL ADVANCE SIGNING
## SHOULDER CLOSURE

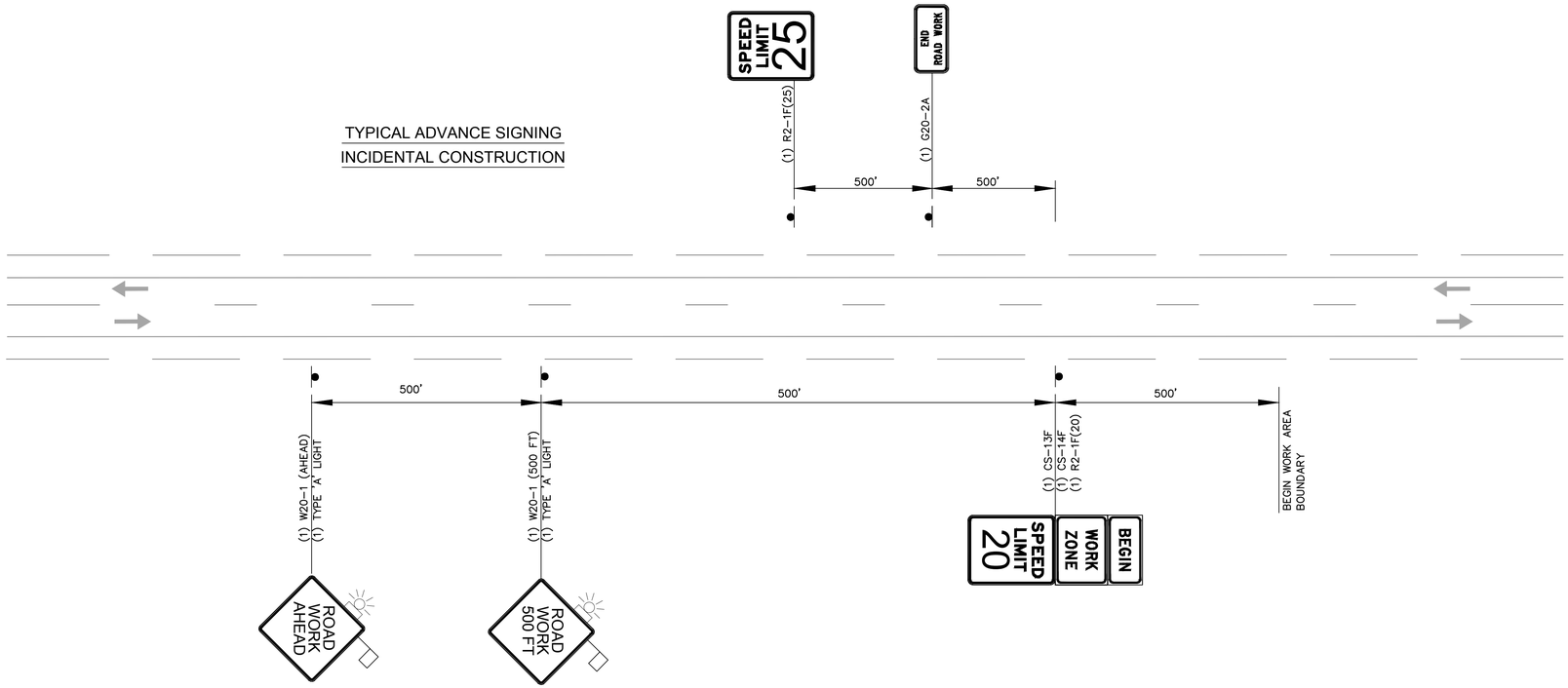



LEGEND

FLOW OF TRAFFIC

SIGN

## TYPICAL ADVANCE SIGNING
## INCIDENTAL CONSTRUCTION




NOTE:

1. TRAFFIC CONTROL ADVANCE WARNING SIGNS SHALL BE MIRRORED FOR OPPOSITE DIRECTION.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TEL 405.242.6600
CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
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DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY

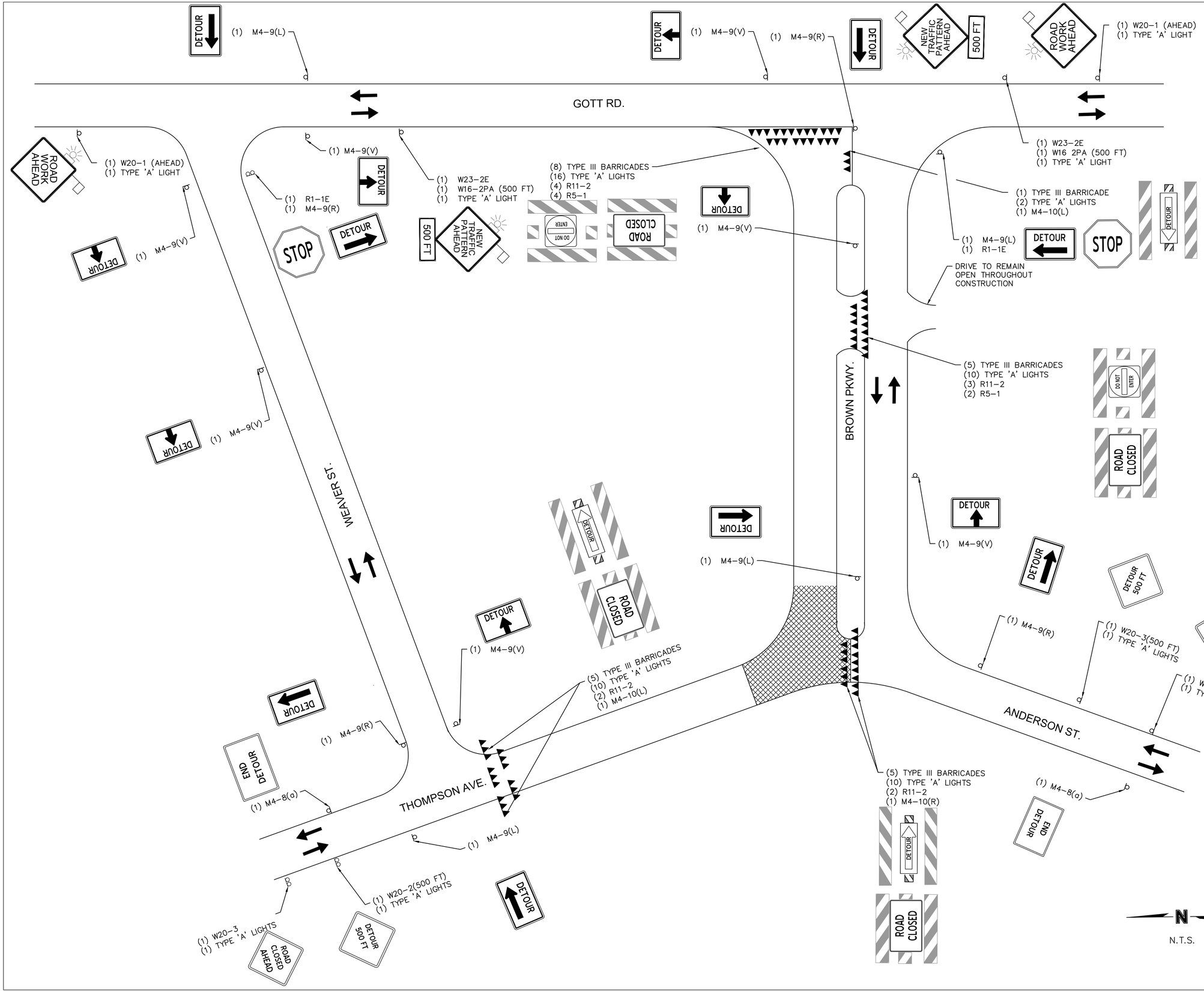
ADVANCED SIGNS - EB PH2

C216

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"





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PROJECT NO.: XTLF21-1045PB
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

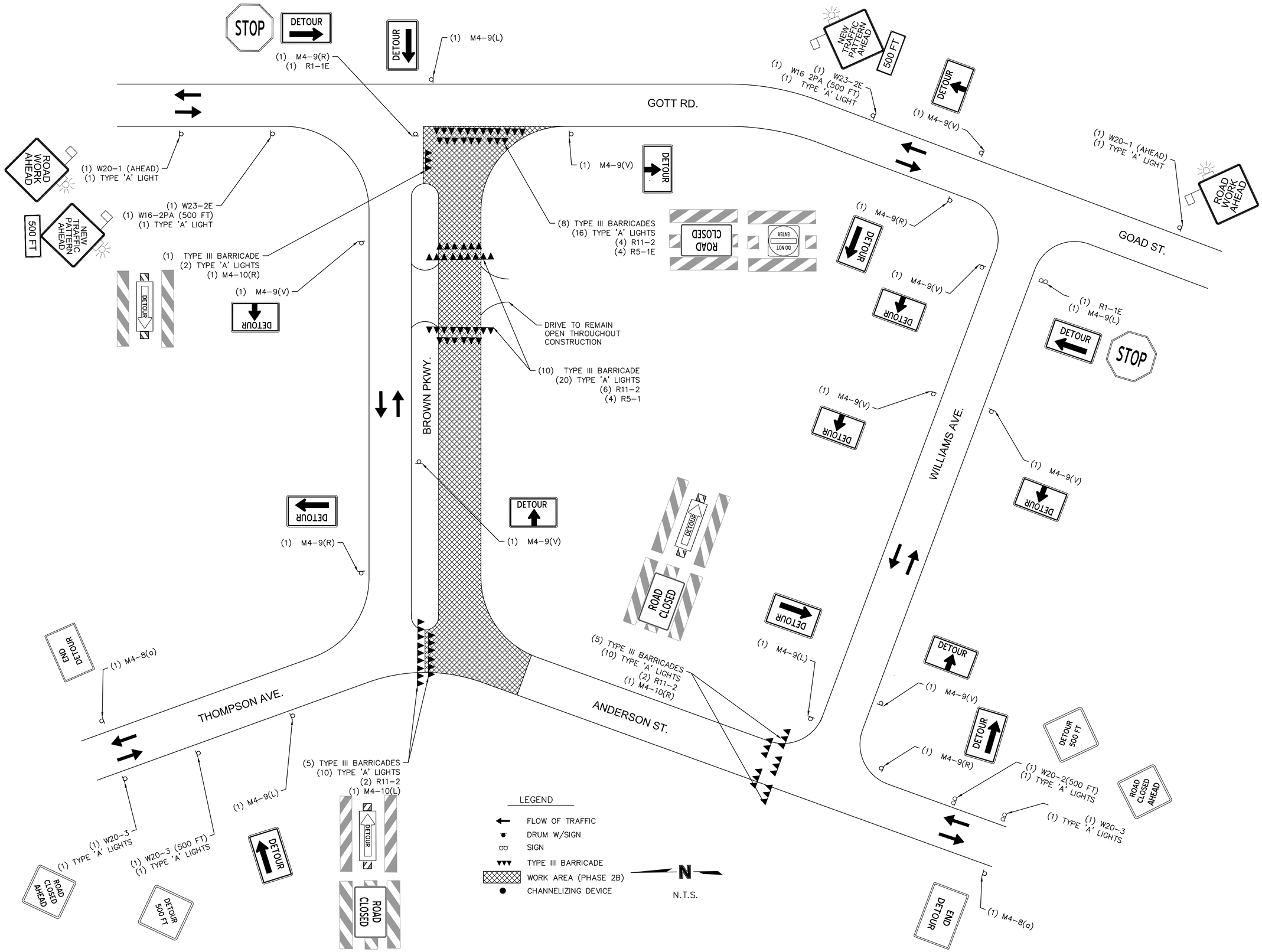
## SUGGESTED TRAFFIC CONTROL (1) - EB PH2A

C217

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"





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DRAWN BY: BG
CHECKED BY: RB
PROJECT NO.: XTLF21-1045PB
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

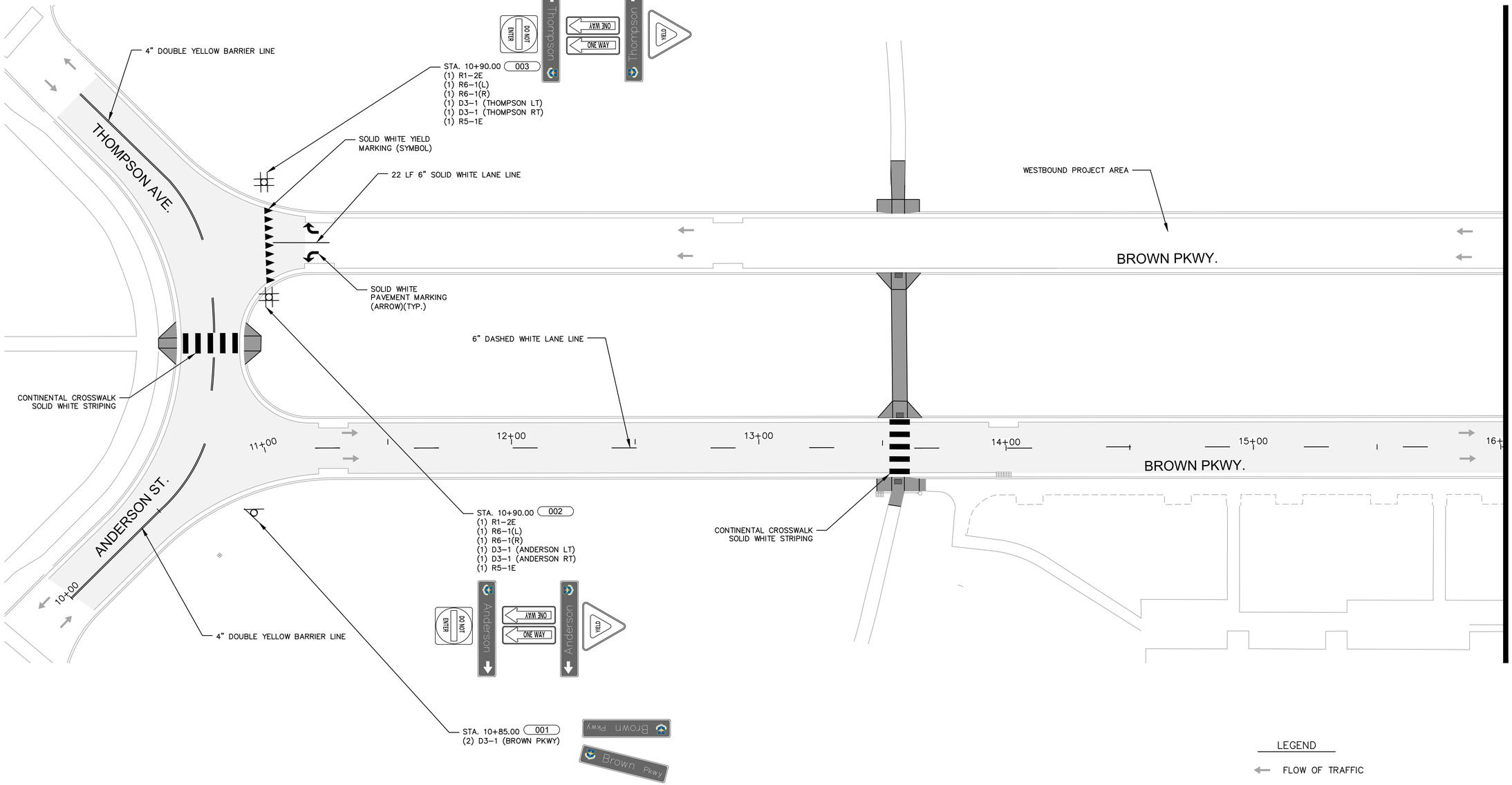
## SUGGESTED TRAFFIC CONTROL (2) - EB PH2B

C218

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




LEGEND

FLOW OF TRAFFIC

SIGN

TO BE CONSTRUCTED DURING EASTBOUND PROJECT

NOTE:
WESTBOUND LANES OF BROWN PARKWAY AND SIDEWALK ARE NOT A PART OF THIS PHASE.

SEE SHEET C501 FOR SIGN LAYOUTS.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DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PB

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

SIGNING & STRIPING PLAN (1) - EB PH2

C219

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




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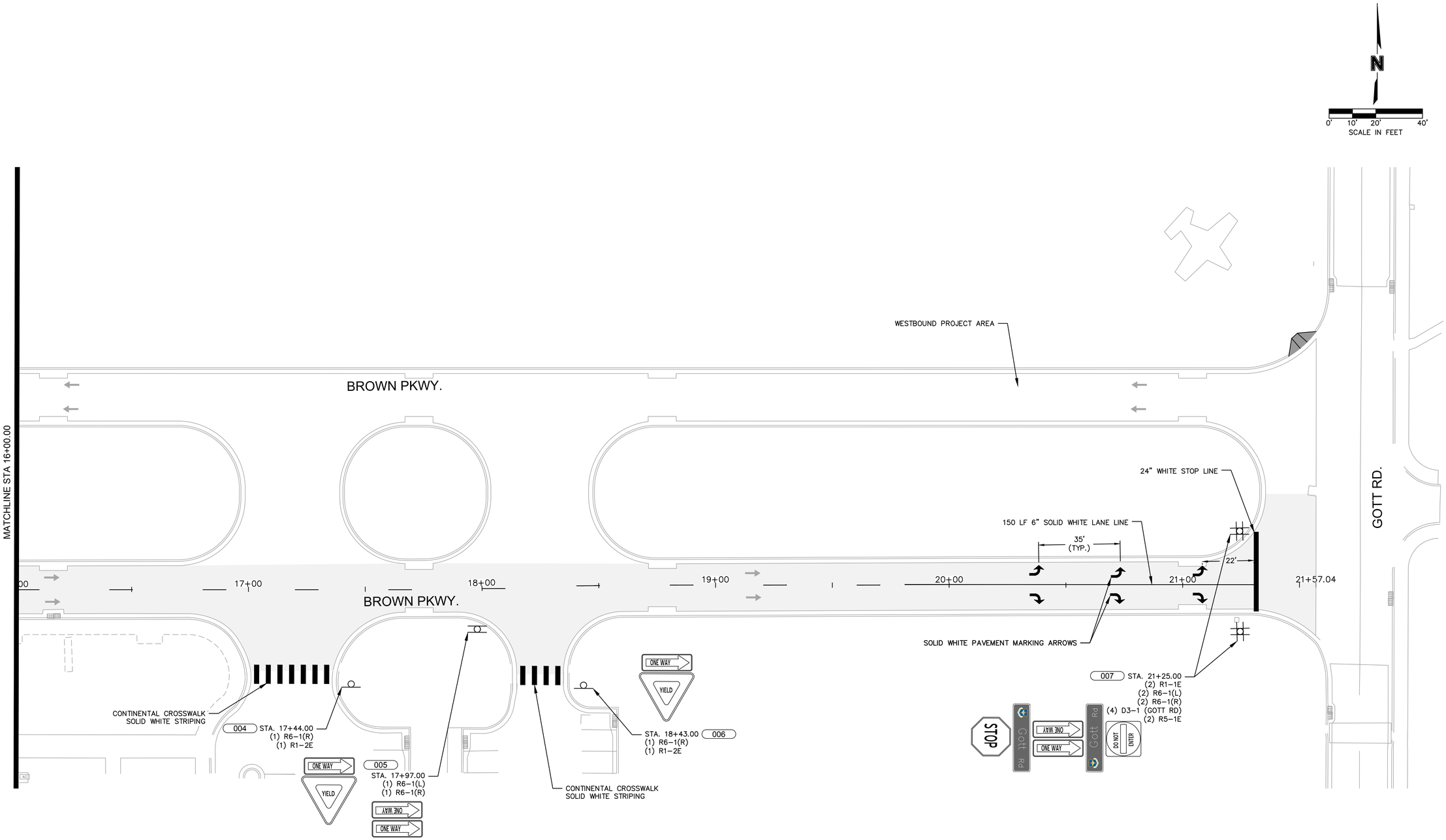



LEGEND

- FLOW OF TRAFFIC
- SIGN
- TO BE CONSTRUCTED DURING EASTBOUND PROJECT

NOTE:
WESTBOUND LANES OF BROWN PARKWAY AND SIDEWALK ARE NOT A PART OF THIS PHASE.

SEE SHEET C501 FOR SIGN LAYOUTS.

| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PB

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY EASTBOUND, B07161, PH 2

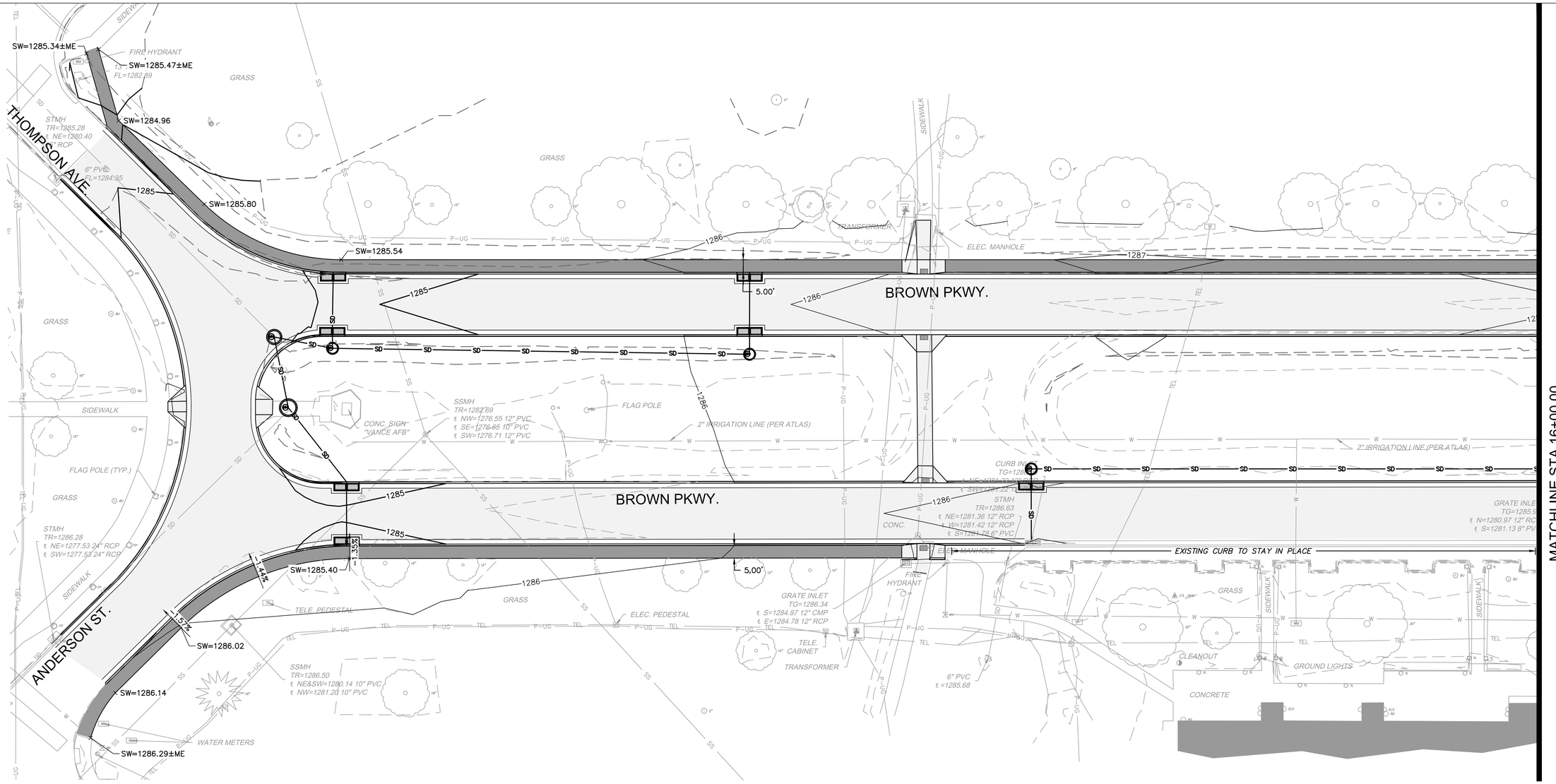
SIGNING & STRIPING PLAN (2) - EB PH2

C220

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




LEGEND

| | |
|---|---|
| PROPOSED 5' WIDE SIDEWALK | 1285 / 1286 — PROPOSED CONTOURS |
| EXISTING SIDEWALKS AND ROADWAY | 1285 / 1286 — EXISTING CONTOURS |
| | SW — SIDEWALK GRADE |

N

0' 10' 20' 40'
SCALE IN FEET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DRAWN BY: BG
CHECKED BY: RB
PROJECT NO.: XTLF23-1016
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

SIDEWALK PLAN (1)- PH 3

C301

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

MATCHLINE STA 16+00.00

BROWN PKWY.

BROWN PARKWAY

BROWN PKWY.

BROWN PARKWAY

5.00'

5.00'

SW=1286.89

SW=1286.60

SW=1286.73

SW=1286.72

SW=1286.70

SW=1287.56

SW=1287.26

GRASS

YARD LIGHT

AIRCRAFT MONUMENT

STORM MANHOLE
TR=1286.66
℄ N=1282.01 12" CMP
℄ SE=1282.05 12" CMP

GRATE INLET
TG=1285.67
℄ E=1282.17 12" CMP
℄ NW=1281.77 12" CMP

YARD LIGHT

STORM MANHOLE
TR=1286.08
℄ N=1277.50 24" RCP
℄ E=1277.38 24" RCP
℄ W=1277.17 15" RCP
℄ SW=1278.37 12" CPP

2" IRRIGATION LINE (PER ATLAS)

STORM MANHOLE
TR=1286.64
℄ W=1281.32 12" RCP
℄ S=1281.33 12" RCP

ASPHALT

GRATE INLET
TG=1286.50
℄ W=1281.15 12" RCP

EXISTING CURB TO STAY IN PLACE

SIGN
"NO LEFT TURN"

SIGN
"BROWN / FISHER"

TELE. CABINET

STORM MANHOLE
TR=1287.56
℄ N=1281.93 12" RCP
℄ S=1282.65 12" RCP
℄ SE=1282.71 12" RCP

FIRE HYDRANT & VALVE

IRRIGATION VALVE

WATER VALVE

CONCRETE

TYPE 'D' RAMP
SEE SHEET C303,
DETAIL #8 FOR SPOT
ELEV. AND ODOT
DETAIL WCR-4.

GRATE INLET
TG=1285.70
℄ W=1282.30 12" RCP

GRATE INLET
TG=1285.91

TYPE 'A' RAMP
SEE SHEET C303
,DETAIL #9 FOR SPOT
ELEV. AND ODOT
DETAIL WCR-4.

STORM MANHOLE
TR=1285.90
℄ 1279.31 15" RCP
℄ 1279.36 15" RCP
℄ 1279.37 12" RCP

GRATE INLET
TG=1285.77
℄ W=1279.86 12" RCP

WATER METER

GRASS

TELE. CABINET

SIDEWALK

SSMH
TR=1287.23
℄ N=1279.13 10" PVC
℄ S=1279.11 10" PVC
℄ W=1279.13 8" PVC

GRATE INLET

TYPE 'D' RAMP
SEE SHEET C303,
DETAIL #10 FOR SPOT
ELEV. AND ODOT
DETAIL WCR-4.

N

0' 10' 20' 40'
SCALE IN FEET

LEGEND

| | |
|---|---|
| PROPOSED 5' WIDE SIDEWALK | PROPOSED CONTOURS (1285 / 1286) |
| EXISTING SIDEWALKS AND ROADWAY | EXISTING CONTOURS (1285 / 1286) |
| | SW — SIDEWALK GRADE |


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DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

SIDEWALK PLAN (2)- PH 3

C302

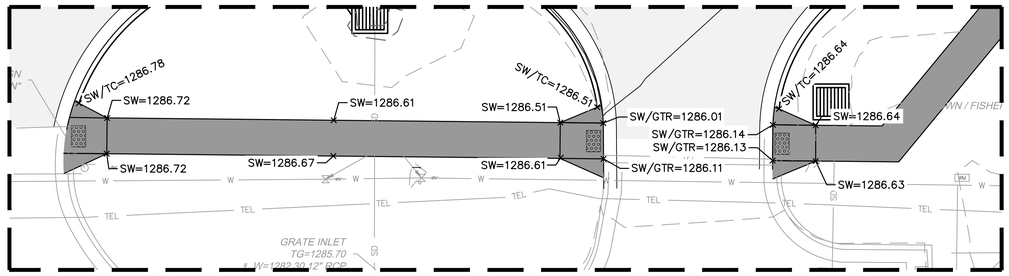
100%

1 1/2"(ACTUAL SIZE)

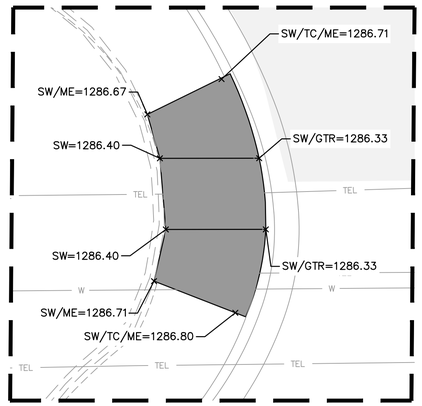
DRAWING SIZE INTENDED TO BE 24" x 36"

## LEGEND

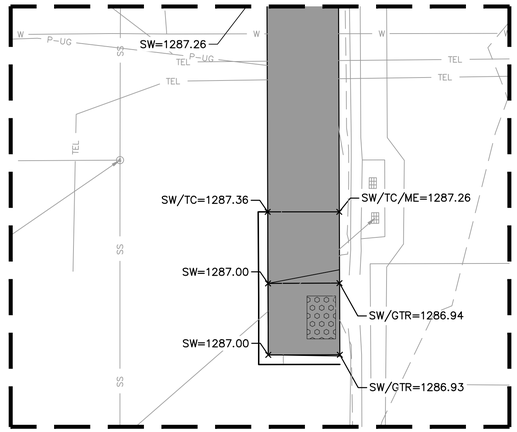
| | |
|---|---|
| PROPOSED 5' WIDE SIDEWALK | PROPOSED CONTOURS (1285 / 1286) |
| EXISTING SIDEWALKS AND ROADWAY | EXISTING CONTOURS (1285 / 1286) |
| | SW SIDEWALK ELEVATION |
| | GTR GUTTER ELEVATION |
| | TC TOP OF CURB ELEVATION |
| | ME MATCH EXISTING ELEVATION |




SIDEWALK DETAIL #9
SCALE: 1"=10'




SIDEWALK DETAIL #8
SCALE: 1"=10'




SIDEWALK DETAIL #10
SCALE: 1"=5'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DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

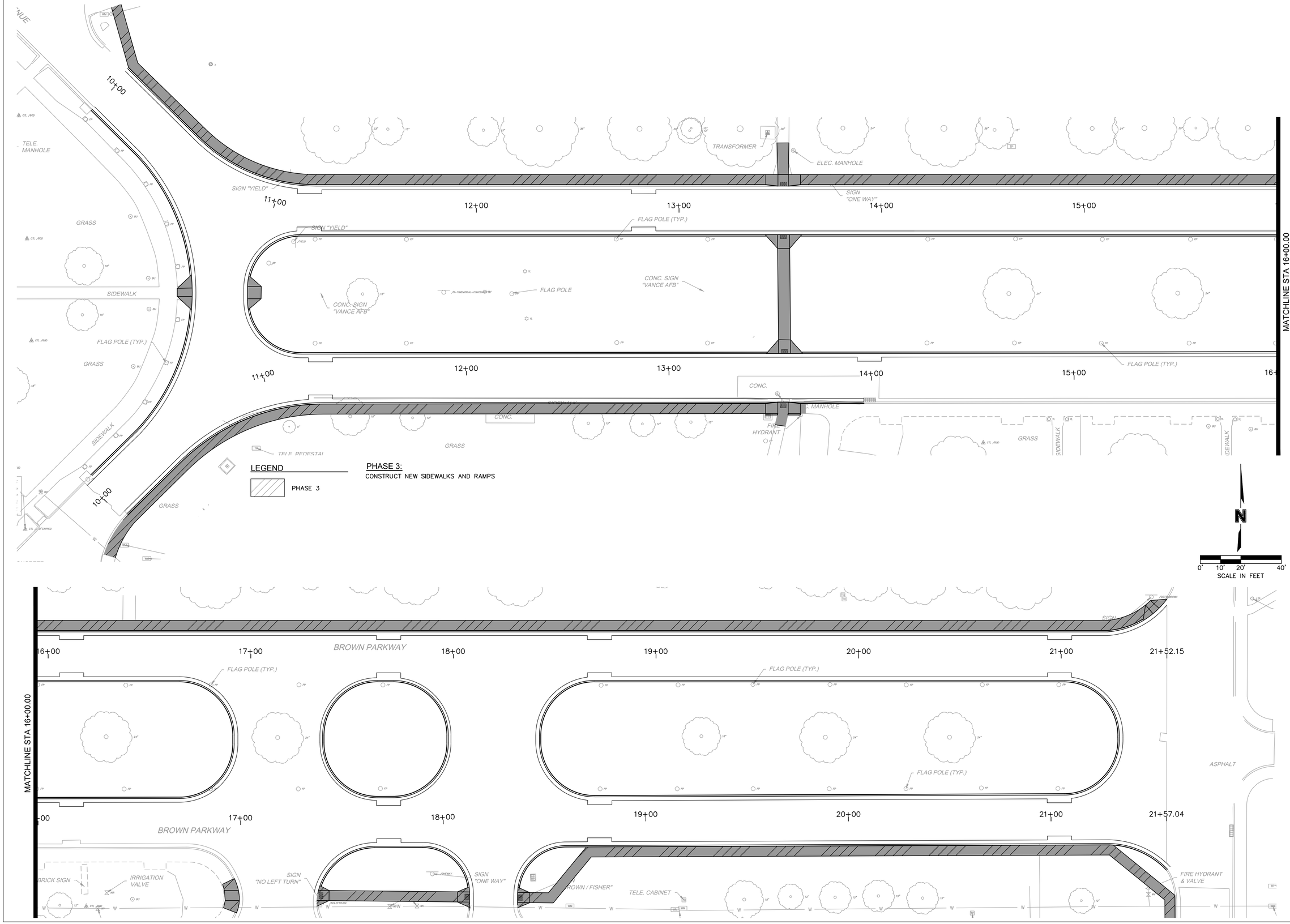
SIDEWALK RAMPS- PH3

C303

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




LEGEND

PHASE 3

PHASE 3:

CONSTRUCT NEW SIDEWALKS AND RAMPS

N

0' 10' 20' 40'

SCALE IN FEET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DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

SUGGESTED SEQUENCE OF CONSTRUCTION - PH3

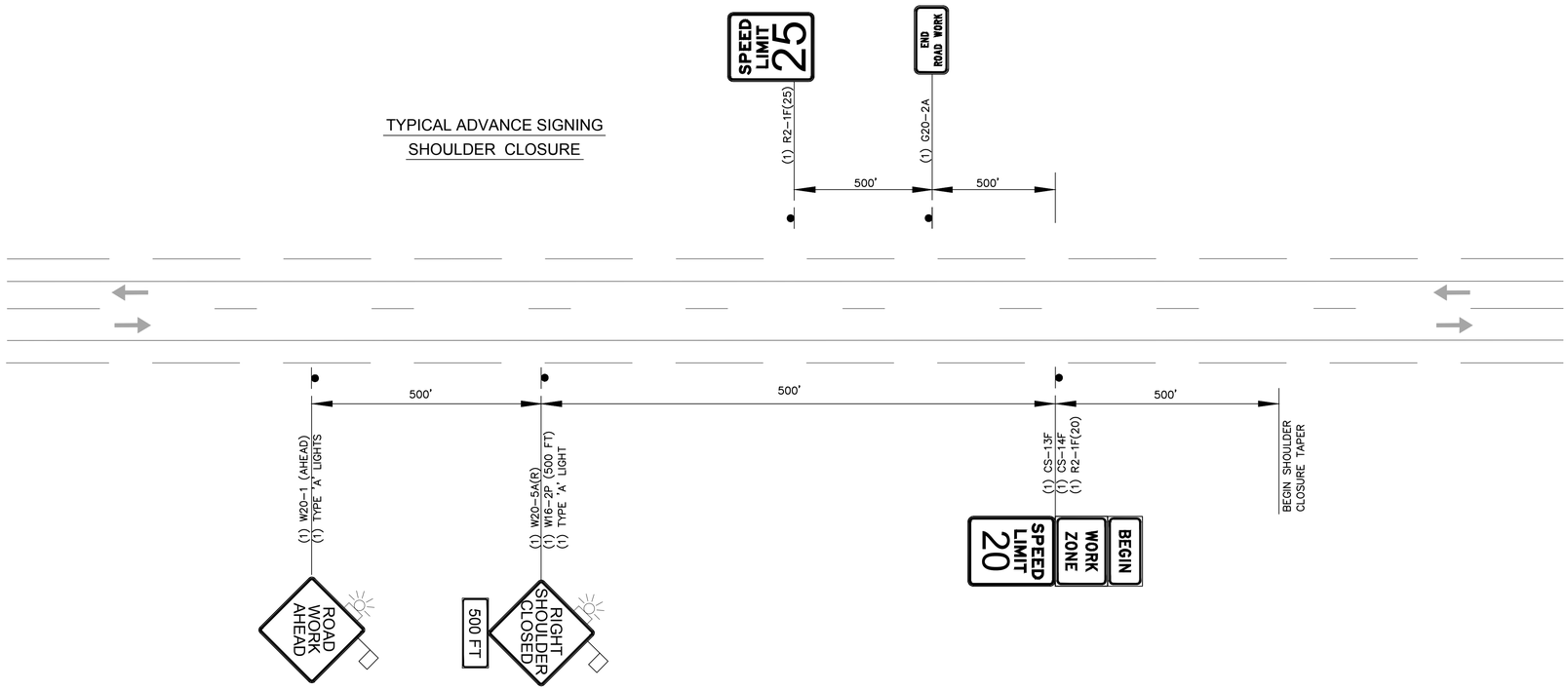
C304

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## TYPICAL ADVANCE SIGNING
## SHOULDER CLOSURE

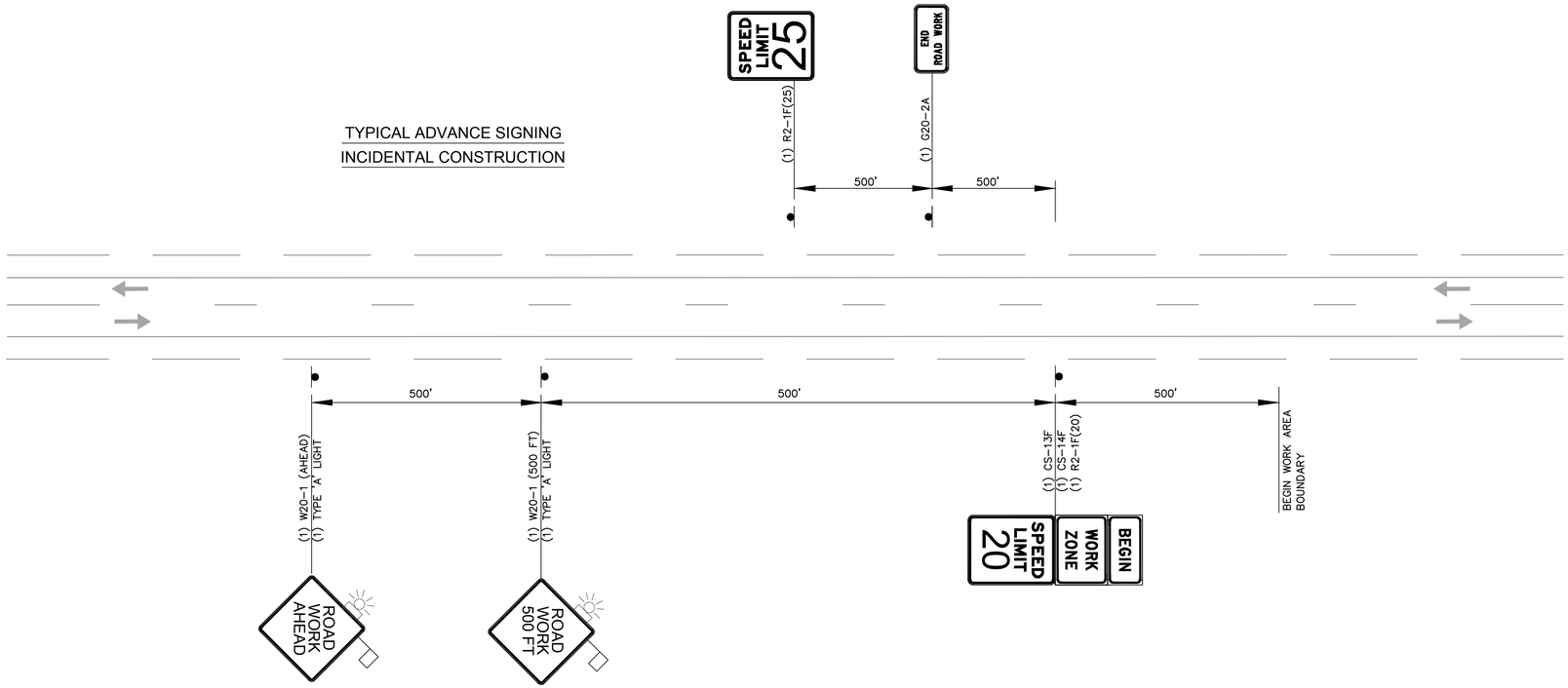



LEGEND

FLOW OF TRAFFIC

SIGN

## TYPICAL ADVANCE SIGNING
## INCIDENTAL CONSTRUCTION




NOTE:

1. TRAFFIC CONTROL ADVANCE WARNING SIGNS SHALL BE MIRRORED FOR OPPOSITE DIRECTION.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DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

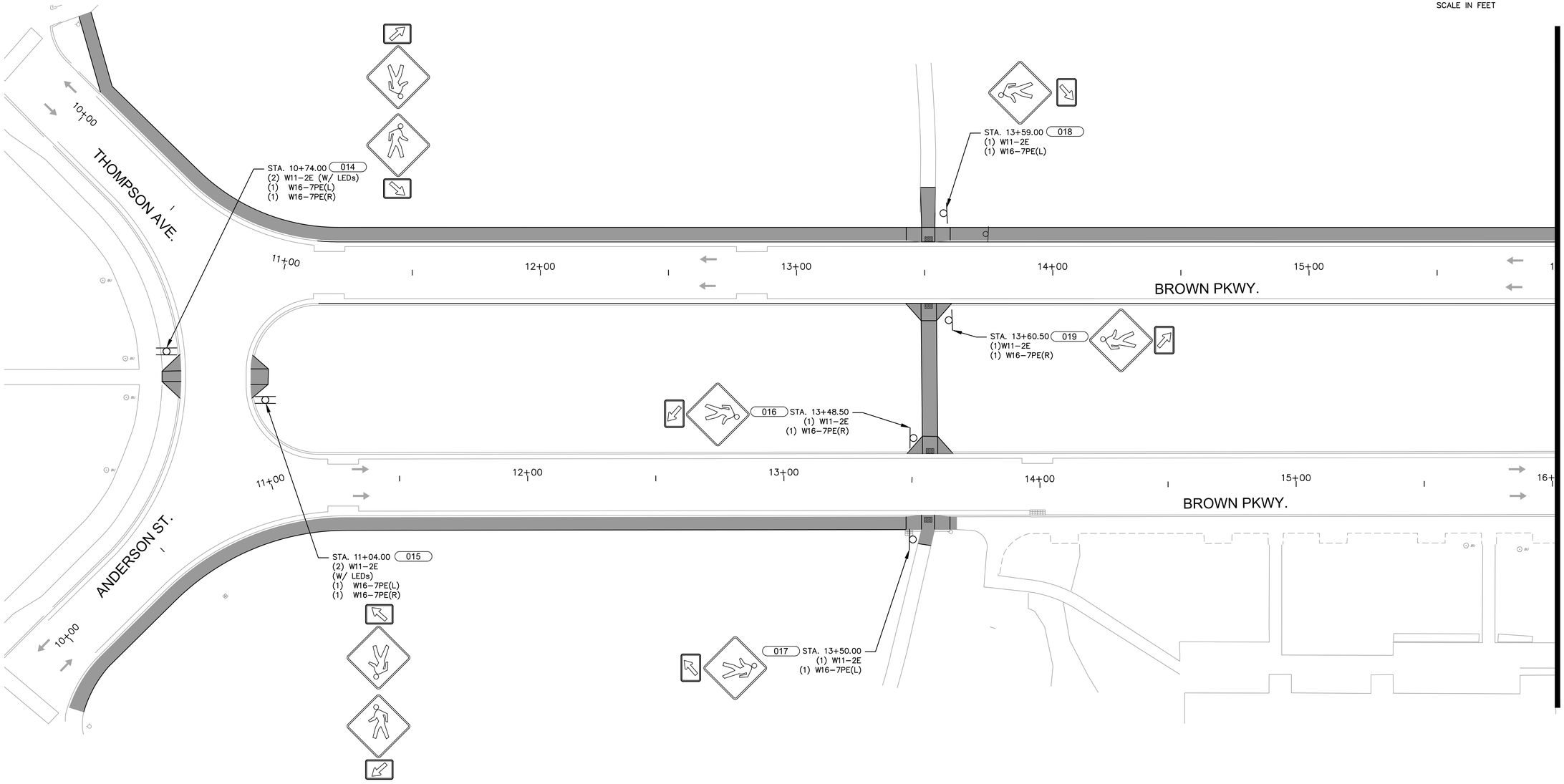
ADVANCED SIGNS - PH3

C305

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




NOTE:

SIGNING AND STRIPING SHOWN ON THIS SHEET IS LIMITED TO SIDEWALK AND LIGHTING PHASE ONLY. PRIMARY SIGNING AND STRIPING FOR WESTBOUND LANES AND EASTBOUND LANES OF BROWN PARKWAY IS NOT PART OF THIS PHASE.

LEGEND

- FLOW OF TRAFFIC
- SIGN
- CONSTRUCTED DURING SIDEWALK PHASE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DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

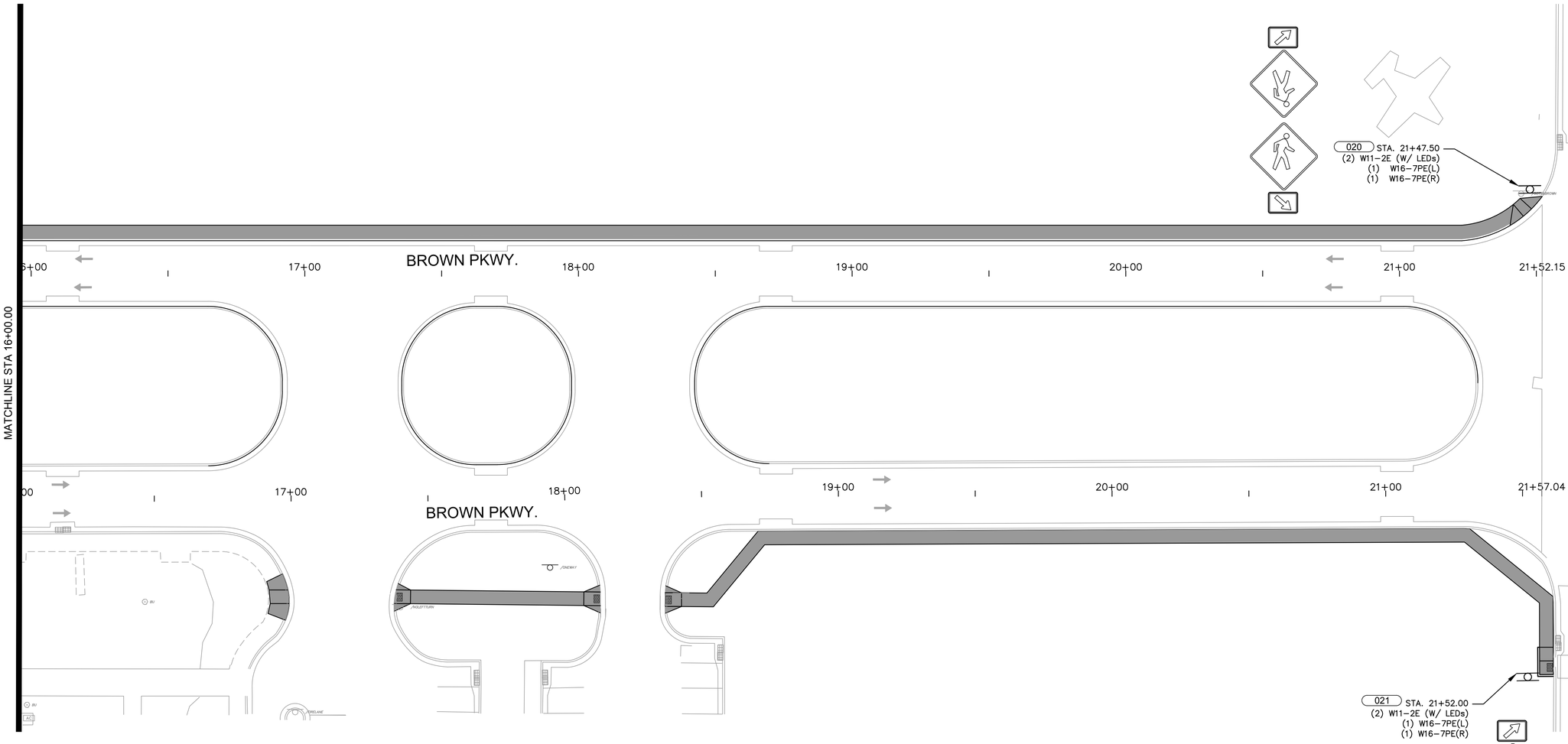
SIGNING & STRIPING PLAN
(1) - PH3

C306

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




NOTE:

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LEGEND

- FLOW OF TRAFFIC
- SIGN
- CONSTRUCTED DURING SIDEWALK PHASE


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PROJECT NO.: XTLF23-1016

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

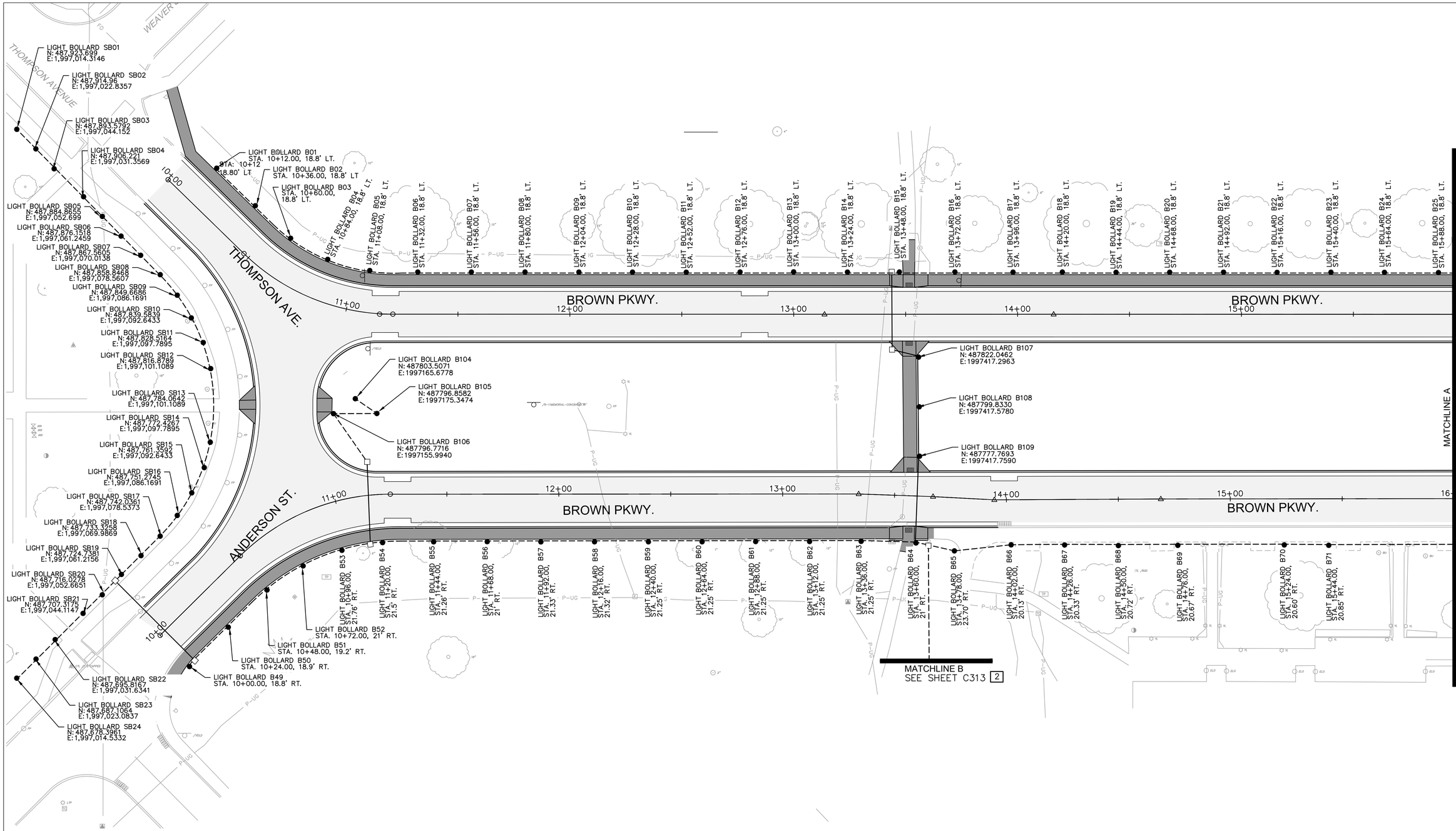
SIGNING & STRIPING PLAN
(2) - PH3

C307

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




NOTE:

VERIFY LOCATION OF RECEPTACLE(S) WITH OWNER PRIOR TO ROUGH-IN. REFER TO ELECTRICAL DETAIL SHEET, SHEET C312 FOR ADDITIONAL INFORMATION.

2 SEE SHEET C313 FOR PANEL AND METER LOCATION.

SEE ELECTRICAL DETAIL SHEET C312 FOR CIRCUITING AND CONTROL INFORMATION FOR LIGHT BOLLARDS.

ALL CIRCUITS SHALL INCLUDE 2-#8 AWG CU-THHN WITH 1-#10 AWG GROUND.

N

0' 10' 20' 40'
SCALE IN FEET

| LEGEND | |
|---|---|
| - - - | 1.5" ELECT. PVC CONDUIT (TRENCHED) |
| ——— | 1.5" ELECT. CONDUIT (BORED) |
| □ | SIZE I PULL BOX |
| ● | LIGHT BOLLARD |
| GFI | GFI/WP/WR GROUND-MOUNTED RECEPTACLE WITH ENCLOSURE |
| P1: # | "P1" – PANEL NUMBER 1<br>"#" – CIRCUIT NUMBER # |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DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

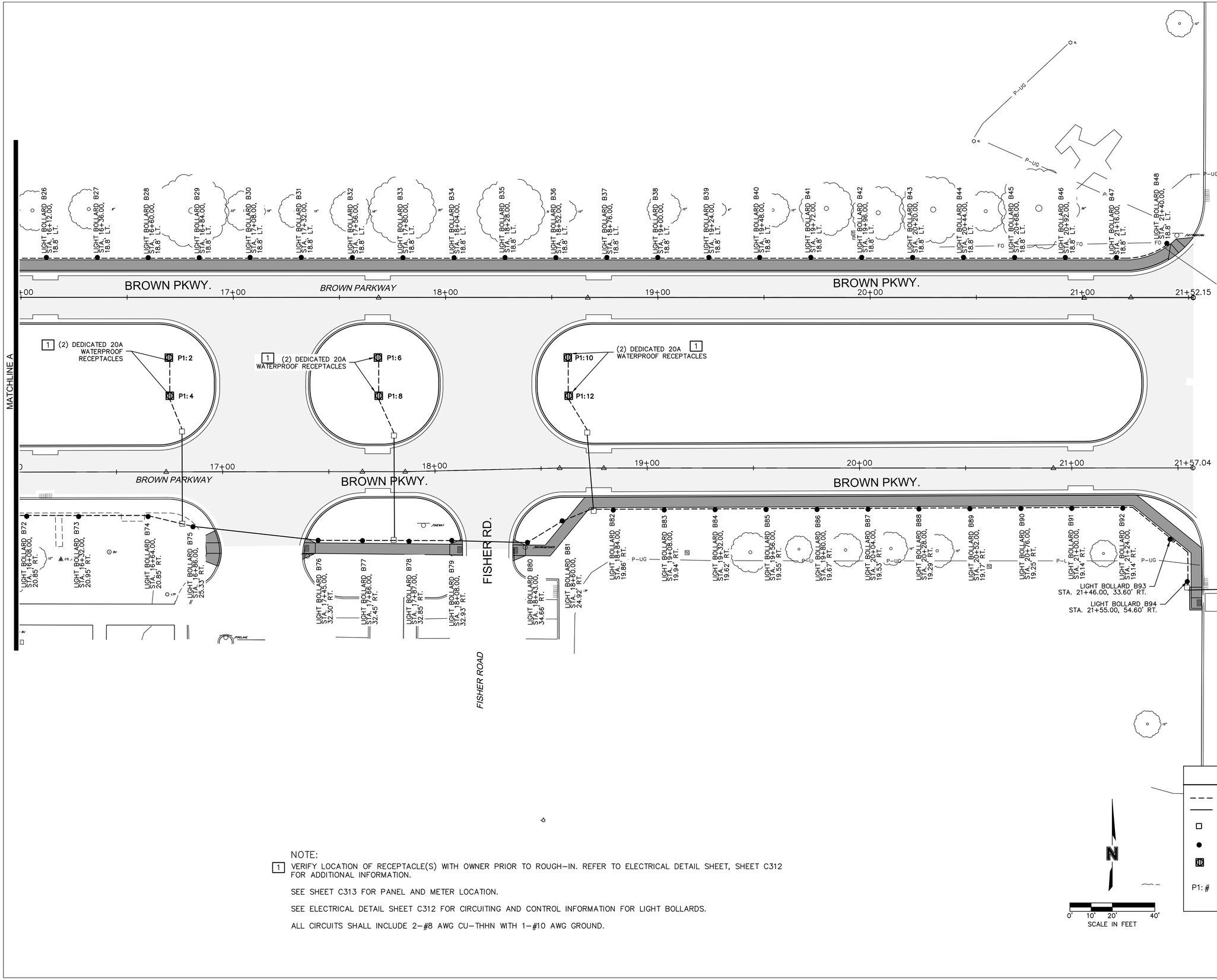
LIGHTING PLAN (1)

C310

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




NOTE:

1 VERIFY LOCATION OF RECEPTACLE(S) WITH OWNER PRIOR TO ROUGH-IN. REFER TO ELECTRICAL DETAIL SHEET, SHEET C312 FOR ADDITIONAL INFORMATION.

SEE SHEET C313 FOR PANEL AND METER LOCATION.

SEE ELECTRICAL DETAIL SHEET C312 FOR CIRCUITING AND CONTROL INFORMATION FOR LIGHT BOLLARDS.

ALL CIRCUITS SHALL INCLUDE 2-#8 AWG CU-THHN WITH 1-#10 AWG GROUND.

LEGEND

- 1.5" ELECT. PVC CONDUIT (TRENCHED)
- 1.5" ELECT. CONDUIT (BORED)
- SIZE I PULL BOX
- LIGHT BOLLARD
- GFI/WP/WR GROUND-MOUNTED RECEPTACLE WITH ENCLOSURE
- P1: # "P1" – PANEL NUMBER 1 "#" – CIRCUIT NUMBER #

N

0' 10' 20' 40'
SCALE IN FEET


UNITED STATES AIR FORCE
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TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

ASRC FEDERAL
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CA# 07864 EXPIRES
JUNE 30, 2022

olsson
11600 Broadway Ext. / Ste. 300
Oklahoma City, OK 73114
TEL 405.242.6600
CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF23-1016

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

LIGHTING PLAN (2)

C311

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PANEL NO. | P1 | | | TYPE | EXTERIOR SURFACE | | | | | | | | |
| SERVICE VOLTAGE | 120/208Y-3Ø/4W | | | PHASE BUS RATING | 225A | | | MOUNTING | ENCLOSURE | | | | |
| MAIN BREAKER SIZE | 225A | | | NEUTRAL BUS RATING | 225A | | | SHORT CIRCUIT RATING | 65kAIC | | *NOTE 1 | | |

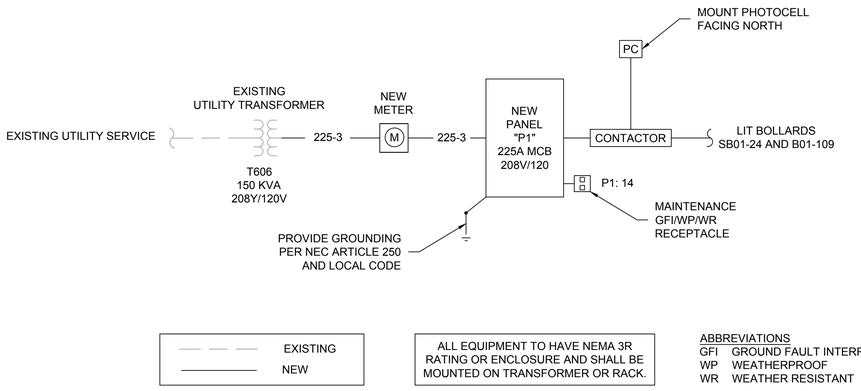
| DESCRIPTION | WIRE # | C/B AMP | VOLT AMPS A | VOLT AMPS B | VOLT AMPS C | CKT. NO. | CKT. NO. | VOLT AMPS A | VOLT AMPS B | VOLT AMPS C | C/B AMP | WIRE # | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BOLLARD LTG, (B16-B25,B107-B109) | 8 | 20 | 546 | | | 1 | 2 | 1620 | | | 20 | 8 | RECEPT, WEST |
| | | | | 546 | | 3 | 4 | | 1620 | | 20 | 8 | RECEPT, WEST |
| BOLLARD LTG (SB01-SB24) | 8 | 20 | | | 368 | 5 | 6 | | | 1620 | 20 | 8 | RECEPT, CENTER |
| | | | 368 | | | 7 | 8 | 1620 | | | 20 | 8 | RECEPT, CENTER |
| BOLLARD LTG, (B64-B71; B72-B75) | 8 | 20 | | 504 | | 9 | 10 | | 1620 | | 20 | 8 | RECEPT, EAST |
| | | | | | 504 | 11 | 12 | | | 1620 | 20 | 8 | RECEPT, EAST |
| BOLLARD LTG, (B49-B63;B104-B106) | 8 | 20 | 756 | | | 13 | 14 | 180 | | | 20 | 12 | RECEPT, ELEC PANEL SERV. |
| | | | | 756 | | 15 | 16 | | 0 | | 20 | | SPARE |
| BOLLARD LTG, (B76-B94) | 8 | 20 | | | 798 | 17 | 18 | | | 0 | 20 | | SPARE |
| | | | 798 | | | 19 | 20 | 0 | | | 20 | | SPARE |
| BOLLARD LTG, (B95-B103; B44-B48) | 6 | 20 | | 756 | | 21 | 22 | | 0 | | 20 | | SPARE |
| | | | | | 756 | 23 | 24 | | | 0 | 20 | | SPARE |
| BOLLARD LTG, (B26-B44) | 8 | 20 | 588 | | | 25 | 26 | 0 | | | 20 | | SPARE |
| | | | | 588 | | 27 | 28 | | 630 | | 20 | 8 | BOLLARD LTG, (B01-15) |
| LIGHTING CONTACTOR | 12 | 20 | | | 100 | 29 | 30 | | | 630 | | | |
| SPARE | | 20 | 0 | | | 31 | 32 | 0 | | | 20 | | SPARE |
| SPARE | | 20 | | 0 | | 33 | 34 | | 0 | | 20 | | SPARE |
| SPARE | | 20 | | | 0 | 35 | 36 | | | 0 | 20 | | SPARE |
| SPARE | | 20 | 0 | | | 37 | 38 | 0 | | | 20 | | SPARE |
| SPARE | | 20 | | 0 | | 39 | 40 | | 0 | | 20 | | SPARE |
| SPARE | | 20 | | | 0 | 41 | 42 | | | 0 | 20 | | SPARE |

| | | | |
|---|---|---|---|
| TOTAL PHASE A: | 23.5 AMPS | 2.8 KVA | TOTAL CONNECTED LOADS: 5.9 KVA |
| TOTAL PHASE B: | 18.8 AMPS | 2.3 KVA | |
| TOTAL PHASE C: | 18.4 AMPS | 2.2 KVA | ESTIMATED DEMAND LOADS: 7.3 KVA |

PANELBOARD NOTES:

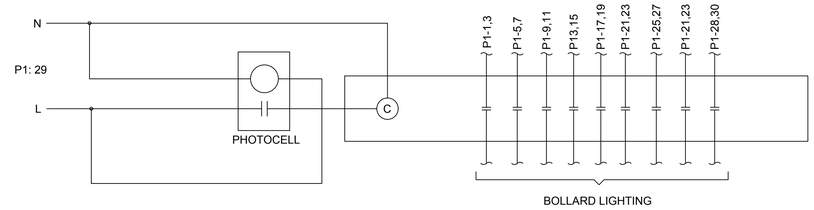
1. CONTRACTOR SHALL COORDINATE AIC RATINGS WITH UTILITY.
2. ALL WIRE SIZES ARE IN CU UNLESS OTHERWISE NOTED.

| FEEDER SCHEDULE | | | | | |
|---|---|---|---|---|---|
| FEEDER | NO. SETS | CONDUCTOR SIZES (AWG or KCMIL CU 75° C) | | | CONDUIT SIZE |
| | | PHASE | NEUTRAL | GROUND | |
| 225-3 | 1 | 3 - #4/0 | 1 - #4/0 | | 2" |




## ONE-LINE DIAGRAM

NOT TO SCALE




## LIGHTING CONTROL DIAGRAM

NOT TO SCALE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| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF23-1016

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

LIGHTING PLAN (3)

C312

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

NOTE:

2 SEE SHEETS C310-C311 FOR ADDITIONAL INFORMATION ON LIGHT BOLLARD LOCATIONS.

3 SEE ELECTRICAL DETAIL SHEET C312 FOR CIRCUITING AND CONTROL INFORMATION FOR LIGHT BOLLARDS. ALL CIRCUITS SHALL INCLUDE 2-#8 AWG CU-THHN WITH 1-#10 AWG GROUND.

N

0' 10' 20' 40'
SCALE IN FEET

| LEGEND | |
|---|---|
| - - - | 1.5" ELECT. PVC CONDUIT (TRENCHED) |
| —— | 1.5" ELECT. CONDUIT (BORED) |
| □ | SIZE I PULL BOX |
| ● | LIGHT BOLLARD |
| GFI | GFI/WP/WR GROUND-MOUNTED RECEPTACLE WITH ENCLOSURE |
| P1: # | "P1" - PANEL NUMBER 1<br>"#" - CIRCUIT NUMBER # |
| ▽ | UTILITY TRANSFORMER |
| ▯ | METER AND CONTROL PANEL |


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DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

LIGHTING PLAN (4)

C313

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

HEADQUARTERS FACILITY 500

START BARRIER
N: 487667.5414
E: 1997006.2738

40'

4.00' CLEAR SPACE BETWEEN BOULDER AND LIGHTED BOLLARD

N: 487695.8416
E: 1997034.5443

N: 487699.9657
E: 1997038.6642

END BARRIER
N: 487934.4605
E: 1997005.9770

N: 487906.1117
E: 1997034.1965

N: 487901.9193
E: 1997038.3990

CONCRETE LANDSCAPE CURB (TYP.). REFER TO SHEET C313 FOR DETAILS

PROTECTION BARRIER REFER TO SHEET C313 FOR DETAILS

LIGHTED BOLLARD (TYP.) REFER TO SHEET C314 FOR DETAILS

LANDSCAPE BOULDERS (TYP.). REFER TO SHEET C313 FOR DETAILS

N: 487797.4755
E: 1997104.5569

N: 487803.3966
E: 1997104.5781

BROWN PARKWAY

THOMPSON AVENUE

SIDEWALK

GRASS

CONCRETE

ASPHALT

IRRIGATION VALVES

CLEANOUT

TELE MANHOLE

TELE PEDESTAL

FIRE HYDRANT

WATER METERS

CURB INLET
TG=1285.57
℄ SW=1282.31 12" RCP

SSMH
TR=1286.60
℄ NE&SW=1280.14 10" PVC
℄ NW=1281.20 10" PVC

STMH
TR=1287.59

STMH
TR=1285.28
℄ NE=1280.40
15" RCP

13" PVC
FL=1282.89

STMH
'86.37
' RCP
' RCP
' RCP

FLAG POLE

CONC. SIGN
"VANCE AFB

N

0' 10' 20' 40'
SCALE IN FEET

PROTECTION BARRIER OPTION 1

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|---|---|---|
| | | |

DRAWN BY: BG
CHECKED BY: RB
PROJECT NO.: XTLF23-1016
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

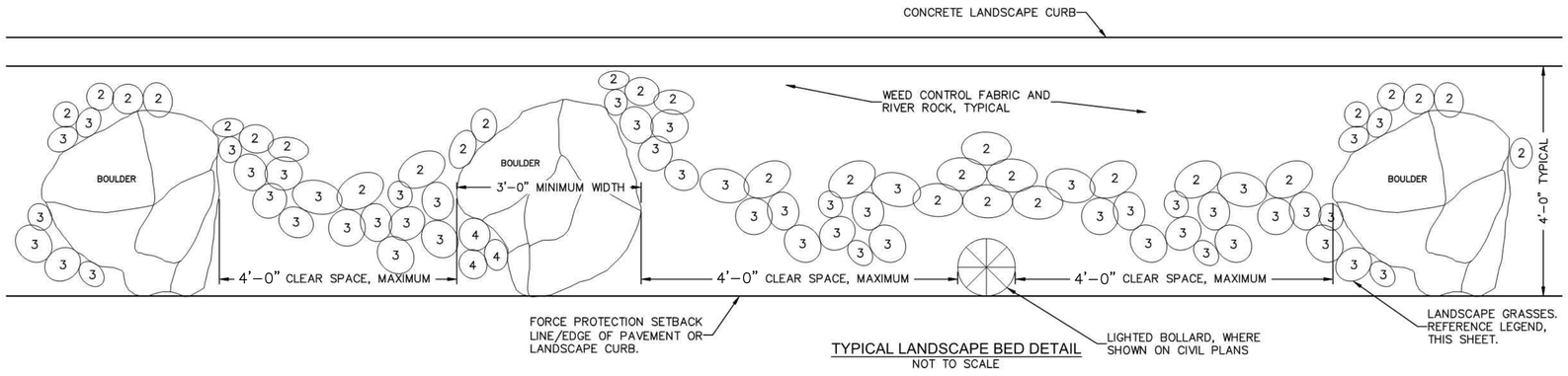
HEADQUATERS PROTECTION BARRIER- PH3

C312

100%

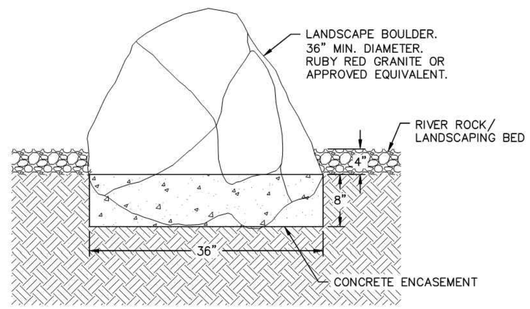
1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

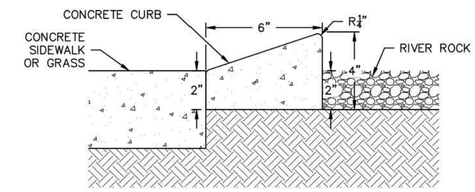



TYPICAL LANDSCAPE BED DETAIL
NOT TO SCALE

LEGEND
1. CHEYENNE SKY SWITCHGRASS – 24–36 INCHES DESIGN HEIGHT
2. ELIJAH BLUE FESCUE – 8–10 INCHES DESIGN HEIGHT
3. TRAILWAY SIDEOATS GRAMA – 12–18 INCHES DESIGN HEIGHT
4. BLAZE LITTLE BLUESTEM – 24–36 INCHES DESIGN HEIGHT




LANDSCAPE BOULDER
NOT TO SCALE




CONCRETE LANDSCAPE CURB
NOT TO SCALE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DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

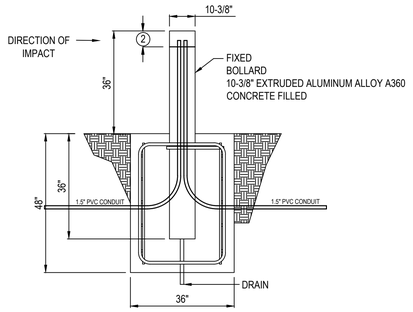
LANDSCAPE NOTES & DETAILS- PH3

C313

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




SECTION VIEW

NOTES:

1. CONTRACTOR SHALL INSTALL BOLLARD, FOOTING, CONDUIT, WIRING AND BOLLARD LUMINAIRE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS FOR IMPACT RESISTANT FIXED DEEP BOLLARD TUBE WITH 36" DIAMETER FOOTING.
2. CONTRACTOR SHALL ENSURE THAT CONCRETE DOES NOT ENTER ELECTRICAL CONDUIT OR INTERFERE WITH ELECTRICAL CONNECTIONS FOR BOLLARD LUMINAIRE IN ANY WAY. TOP OF CONCRETE FILL TO BE APPROXIMATELY 4 TO 6 INCHES BELOW TOP OF BOLLARD.

## HIGH SECURITY LIGHTED BOLLARD

NO SCALE

K4 ENGINEERED FIXED DEEP BOLLARD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PROJECT NO.: XTLF23-1016
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT SIDEWALKS, B07191

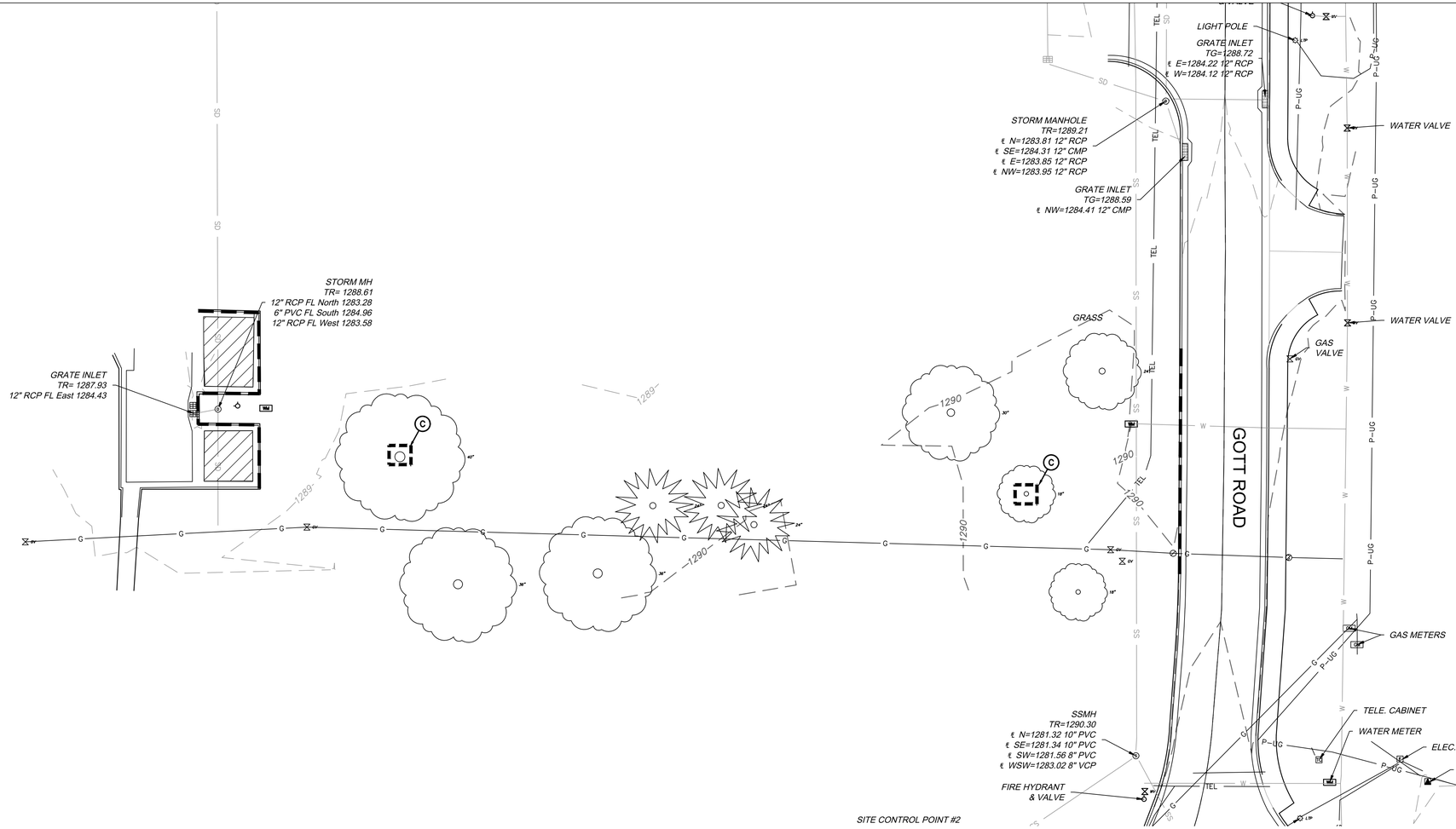
PROTECTION BOLLARD & LIGHTED BOLLARD DETAIL- PH3

C314

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




## DEMOLITION LEGEND

- DEMOLITION OF ASPHALT
- DEMOLITION OF SIDEWALK
- DEMOLITION OF CONCRETE
- REMOVE EXISTING STORM SEWER
- ABANDON IN PLACE
- REMOVE EXISTING CONCRETE CURB AND GUTTER
- (A) REMOVE EXISTING STORM INLET
- (B) REMOVE EXISTING STORM MANHOLE
- (C) REMOVE EXISTING TREE
- (D) REMOVE AND STORE EXISTING FLAGPOLE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| | | |

DRAWN BY: BG
CHECKED BY: RB
PROJECT NO.: XTLF24-1020
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT CLUB ACCESS ROAD, B07161

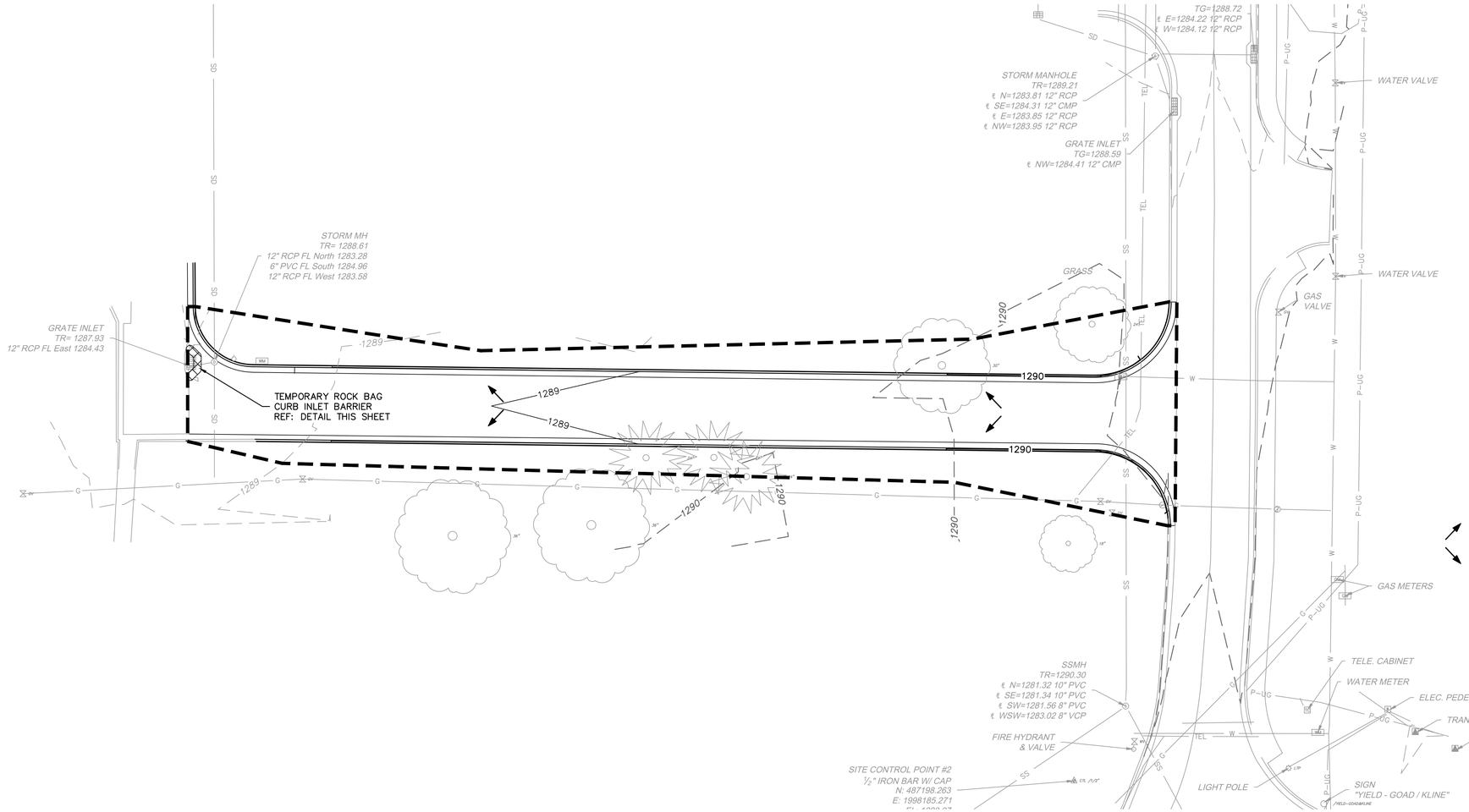
DEMOLITION PLAN- PH4

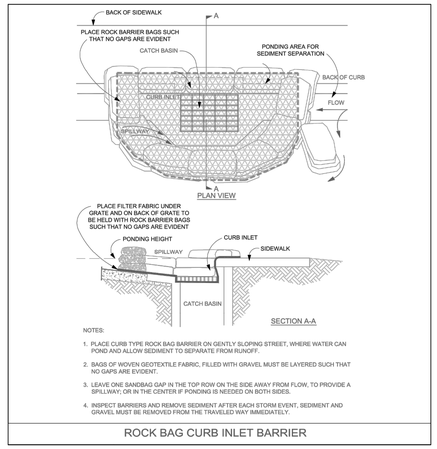
C401

100%

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"




ROCK BAG CURB INLET BARRIER

## LEGEND

- SILT FENCE MUST BE INSTALLED IN NO GREATER THAN 100' RUNS; THE ENDS OF EACH RUN MUST TURN UPHILL ('J' HOOKS) FOR AN APPROPRIATE DISTANCE TO KEEP WATER FROM FLOWING TO THE NEXT SECTION.
- DISTURBED AREA (0.36 ACRES ±)
- CONSTRUCTION ENTRANCE/EXIT (REF. DETAIL)
- CONCRETE WASHOUT
- GRAVEL FILTER BAG
- FLOW ARROWS

N

0' 10' 20' 40'
SCALE IN FEET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PROJECT NO.: XTLF24-1020
DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT CLUB ACCESS ROAD, B07161

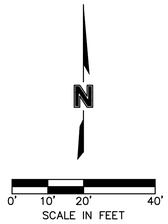
EROSION CONTROL PLAN-PH4

C402

100%

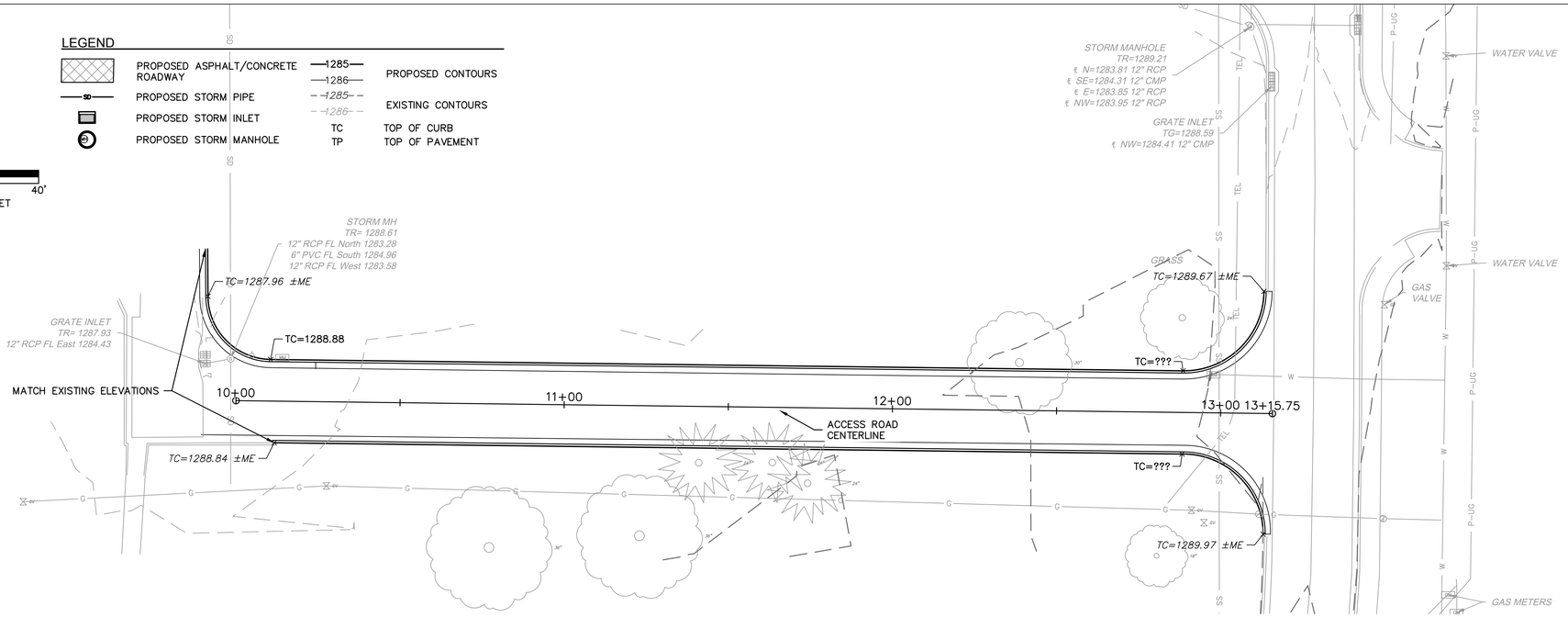
1 1/2"(ACTUAL SIZE)

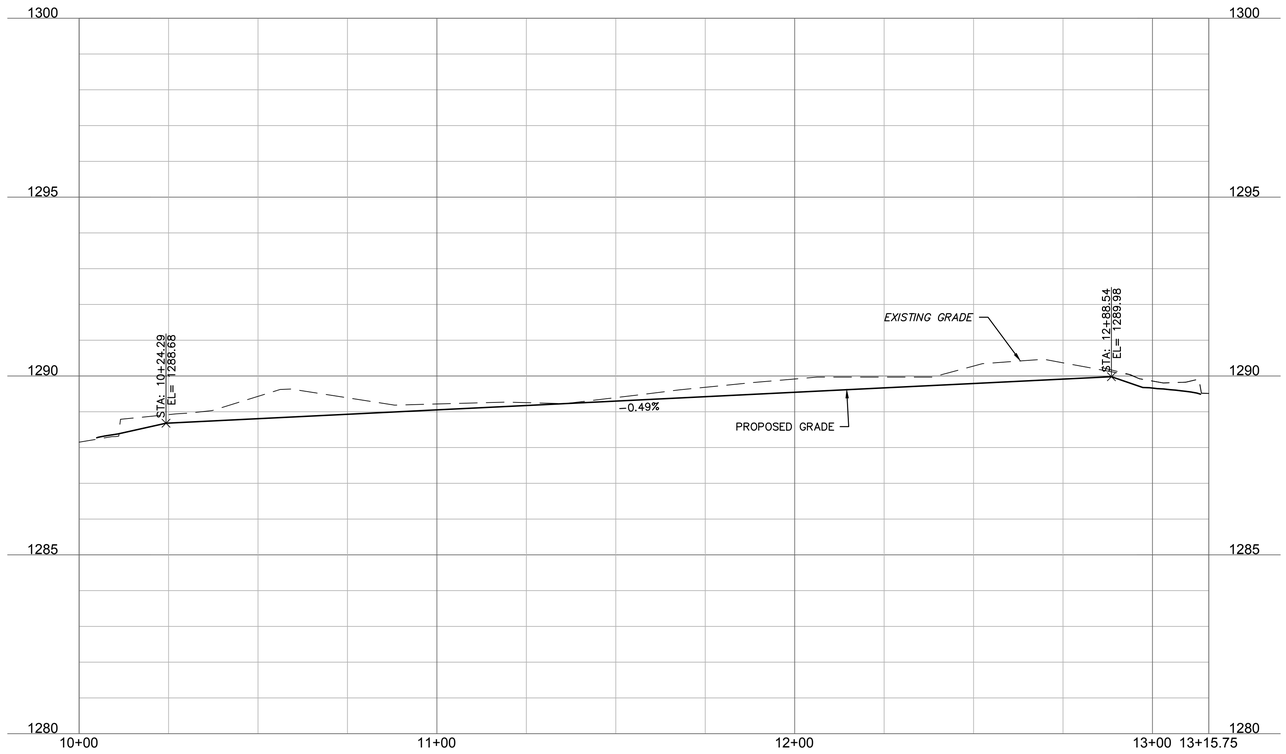
DRAWING SIZE INTENDED TO BE 24" x 36"




LEGEND

| | | | |
|---|---|---|---|
| | PROPOSED ASPHALT/CONCRETE ROADWAY | 1285 | PROPOSED CONTOURS |
| SD | PROPOSED STORM PIPE | 1286 | |
| | PROPOSED STORM INLET | 1285 | EXISTING CONTOURS |
| | PROPOSED STORM MANHOLE | 1286 | |
| | | TC | TOP OF CURB |
| | | TP | TOP OF PAVEMENT |




ACCESS ROAD CENTERLINE PROFILE
SCALE: HORZ. 1"=20'
VERT. 1"=4'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DATE: 12 MARCH 2021
DESIGN STAGE: 100% PLANS

CONSTRUCT CLUB ACCESS ROAD, B07161

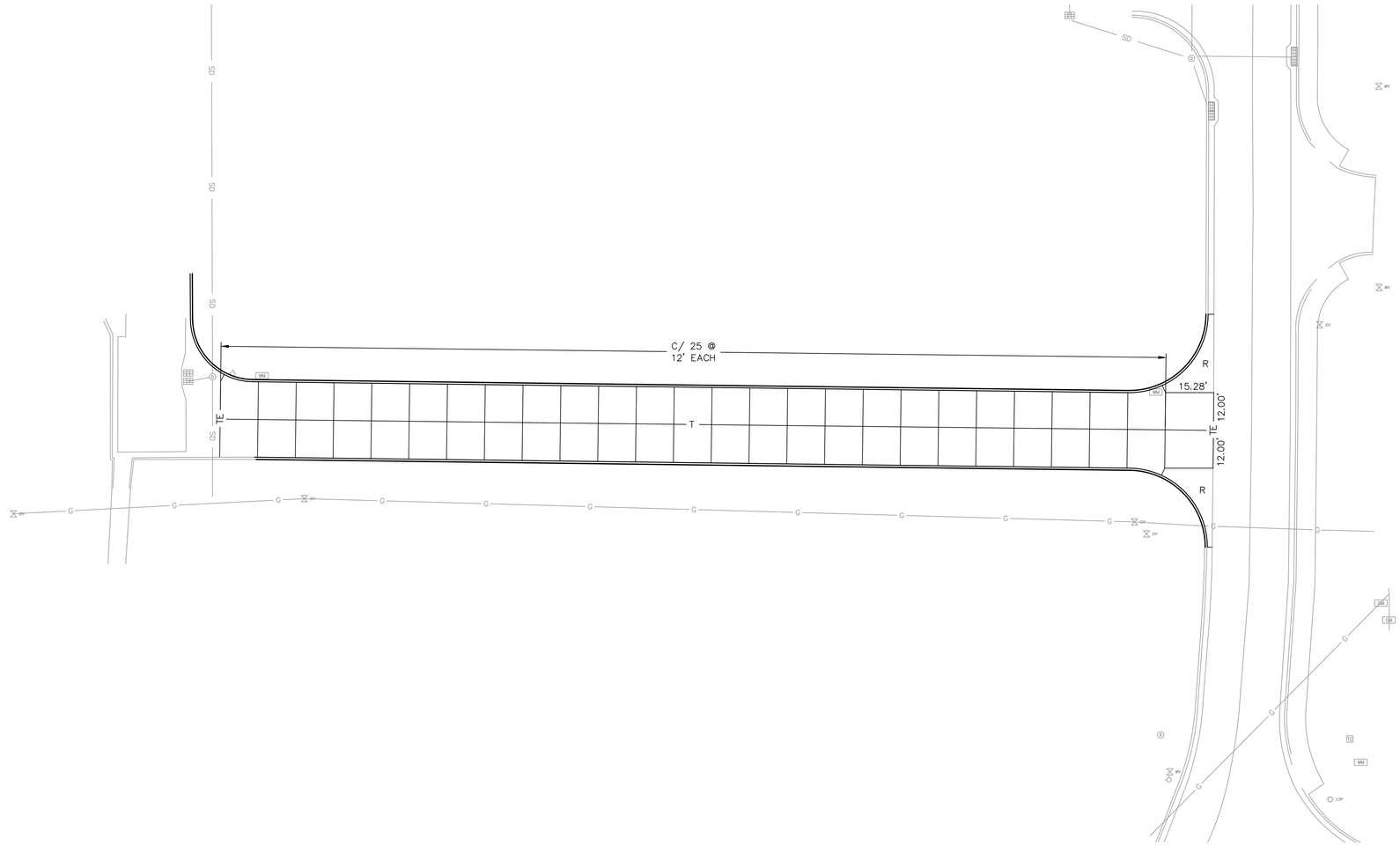
ROADWAY PLAN & PROFILE-PH4

C403

100%

1 1/2"(ACTUAL SIZE)

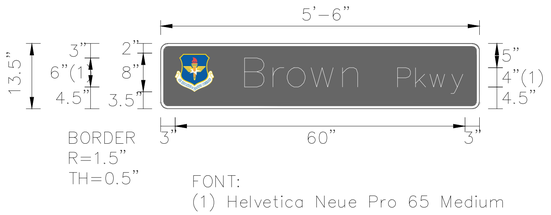
DRAWING SIZE INTENDED TO BE 24" x 36"


C/ 25 @
12' EACH
R
15.28'
12.00'
TE
T
12.00'
TE
R
SD
SD
SD
SD
SD
W
G
G
G

1 1/2"(ACTUAL SIZE)

DRAWING SIZE INTENDED TO BE 24" x 36"

## SIGN DETAIL
N.T.S.




| SIGN NUMBER | D3-1 (BROWN PKWY) |
|---|---|
| WIDTH x HGHT. | 5'–6" x 13.5" |
| BORDER WIDTH | 0.5" |
| CORNER RADIUS | 1.5" |
| MOUNTING | GROUND |
| BACKGROUND | TYPE: REFLECTIVE |
| | COLOR: BROWN |
| LEGEND/BORDER | TYPE: REFLECTIVE |
| | COLOR: WHITE |

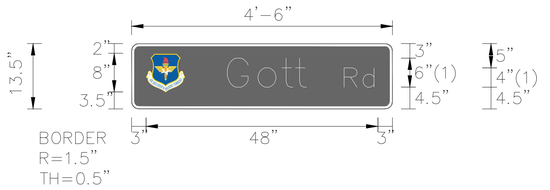
| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| AIR ED LOGO | 0 | 3 | 3.5 | 8 | 8 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Panel Style: Street Name 6-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES-SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | r | o | w | n | | | | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 18 | 23.7 | 26.5 | 31.3 | 38.1 | | | | | | | | | | | | | | | | | 24 | 6 |
| P | k | w | y | | | | | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 49.5 | 53.1 | 55.8 | 60.1 | | | | | | | | | | | | | | | | | | 13.5 | 4 |

## SIGN DETAIL
N.T.S.




| SIGN NUMBER | D3-1 (GOTT RD) |
|---|---|
| WIDTH x HGHT. | 4'–6" x 13.5" |
| BORDER WIDTH | 0.5" |
| CORNER RADIUS | 1.5" |
| MOUNTING | GROUND |
| BACKGROUND | TYPE: REFLECTIVE |
| | COLOR: BROWN |
| LEGEND/BORDER | TYPE: REFLECTIVE |
| | COLOR: WHITE |

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| AIR ED LOGO | 0 | 3 | 3.5 | 8 | 8 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Panel Style: Street Name 6-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES-SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G | o | t | t | | | | | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 20.2 | 26.5 | 31.2 | 34 | | | | | | | | | | | | | | | | | | 16.4 | 6 |
| R | d | | | | | | | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 44.4 | 48.1 | | | | | | | | | | | | | | | | | | | | 6.6 | 4 |

## SIGN DETAIL
N.T.S.




| SIGN NUMBER | D3-1 (THOMPSON RT) |
|---|---|
| WIDTH x HGHT. | 6'–0" x 13.5" |
| BORDER WIDTH | 0.5" |
| CORNER RADIUS | 1.5" |
| MOUNTING | GROUND |
| BACKGROUND | TYPE: REFLECTIVE |
| | COLOR: BROWN |
| LEGEND/BORDER | TYPE: REFLECTIVE |
| | COLOR: WHITE |

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| AR_Type D | 270 | 60.4 | 4.5 | 6 | 9 |
| AIR ED LOGO | 0 | 3 | 3.5 | 8 | 8 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Panel Style: Street Name 6-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES-SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | h | o | m | p | s | o | n | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 15.7 | 21 | 25.6 | 30.8 | 38.1 | 42.9 | 47.3 | 52.5 | | | | | | | | | | | | | | 40.7 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

## SIGN DETAIL
N.T.S.




| SIGN NUMBER | D3-1 (THOMPSON LT) |
|---|---|
| WIDTH x HGHT. | 6'–0" x 13.5" |
| BORDER WIDTH | 0.5" |
| CORNER RADIUS | 1.5" |
| MOUNTING | GROUND |
| BACKGROUND | TYPE: REFLECTIVE |
| | COLOR: BROWN |
| LEGEND/BORDER | TYPE: REFLECTIVE |
| | COLOR: WHITE |

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| AR_Type D | 270 | 2.6 | 4.5 | 6 | 9 |
| AIR ED LOGO | 0 | 61 | 3.5 | 8 | 8 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Panel Style: Street Name 6-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES-SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | h | o | m | p | s | o | n | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 15.7 | 21 | 25.6 | 30.8 | 38.1 | 42.9 | 47.3 | 52.5 | | | | | | | | | | | | | | 40.7 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

## SIGN DETAIL
N.T.S.

| SIGN NUMBER | D3-1 (ANDERSON RT) |
|---|---|
| WIDTH x HGHT. | 6'–0" x 13.5" |
| BORDER WIDTH | 0.5" |
| CORNER RADIUS | 1.5" |
| MOUNTING | GROUND |
| BACKGROUND | TYPE: REFLECTIVE |
| | COLOR: BROWN |
| LEGEND/BORDER | TYPE: REFLECTIVE |
| | COLOR: WHITE |

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| AIR ED LOGO | 0 | 3 | 3.5 | 8 | 8 |
| AR_Type D | 270 | 60.4 | 4.5 | 6 | 9 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Panel Style: Street Name 6-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES-SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | n | d | e | r | s | o | n | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 17.6 | 23.7 | 28.3 | 33.4 | 38.3 | 41 | 45.4 | 50.5 | | | | | | | | | | | | | | 36.8 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

## SIGN DETAIL
N.T.S.

| SIGN NUMBER | D3-1 (ANDERSON LT) |
|---|---|
| WIDTH x HGHT. | 6'–0" x 13.5" |
| BORDER WIDTH | 0.5" |
| CORNER RADIUS | 1.5" |
| MOUNTING | GROUND |
| BACKGROUND | TYPE: REFLECTIVE |
| | COLOR: BROWN |
| LEGEND/BORDER | TYPE: REFLECTIVE |
| | COLOR: WHITE |

| SYMBOL | ROT | X | Y | WID | HT |
|---|---|---|---|---|---|
| AR_Type D | 270 | 2.6 | 4.5 | 6 | 9 |
| AIR ED LOGO | 0 | 61 | 3.5 | 8 | 8 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Panel Style: Street Name 6-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | | | | | | | | | | | LENGTH | SERIES-SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | n | d | e | r | s | o | n | | | | | | | | | | | | | | | Helvetica Neue Pro 65 Md |
| 17.6 | 23.7 | 28.3 | 33.4 | 38.3 | 41 | 45.4 | 50.5 | | | | | | | | | | | | | | 36.8 | 6 |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

NOTE:
AIR EDUCATION AND TRAINING COMMAND LOGO TO BE PROVIDED BY BASE SHOP.


UNITED STATES AIR FORCE
AIR EDUCATION
TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

ASRC FEDERAL
140 Channel St., Suite 205
Vance AFB, OK 73705
(580) 213-7772
CA# 07864 EXPIRES
JUNE 30, 2022

olsson
11600 Broadway Ext. / Ste. 300
Oklahoma City, OK 73114
TEL 405.242.6600
CA# 2483 Expires: June 30, 2021


| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA, XTLF22-1045PB, XTLF23-1016, XTLF24-1020

DATE: 12 MARCH 2021

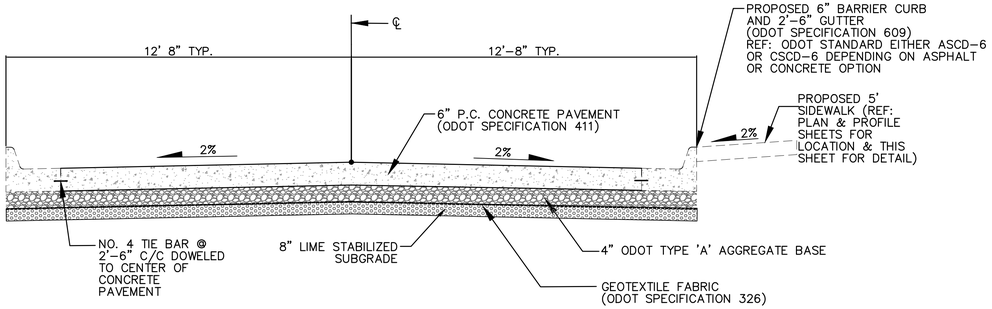
DESIGN STAGE: 100% PLANS

# REPAIR PAVEMENTS BROWN PARKWAY

SIGN LAYOUTS

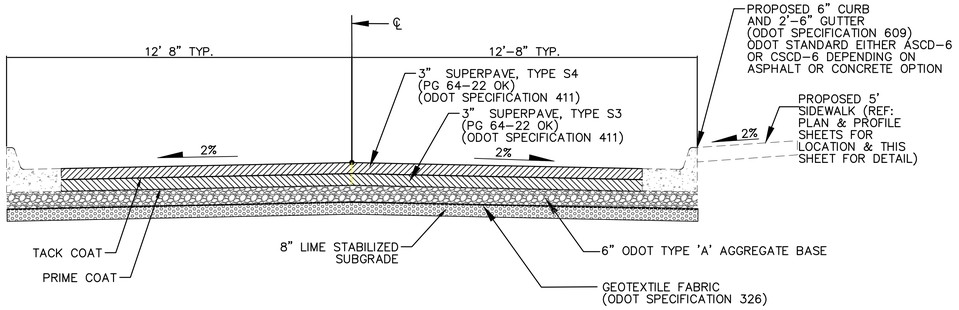
C501

100%



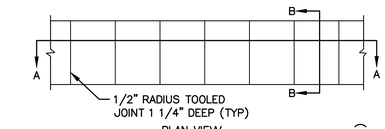

## TYPICAL SECTION - FULL DEPTH CONCRETE REPLACEMENT

NO SCALE
A/C502



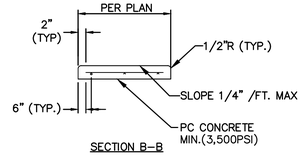

## TYPICAL SECTION - FULL DEPTH ASPHALT REPLACEMENT

NO SCALE
B/C502




*CONTRACTION JOINT SPACING TO MATCH SIDEWALK WIDTH (TYP) UNLESS OTHERWISE NOTED ON THE PLANS

NOTE:
1. REINFORCEMENT WILL BE No. 3 BARS 24" O.C. EACH WAY MAX. SPACING, OR 6 x 6 – W1.4 X W1.4 WWF
2. NON-SLIP BROOM FINISH FREE OF TROWEL MARKS EXCEPT FOR EDGING TOOL.




SIDEWALK NOTES:

1. ALL WORK MUST MEET CURRENT AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS.
2. MINIMUM SIDEWALK WIDTH SHALL BE PER PLAN. SIDEWALK CROSS SLOPE SHALL BE A MAXIMUM OF 2%
3. WHENEVER THE WIDTH OF THE SIDEWALK IS LESS THAN 5'-0" A 5'X5' PASSING AREA WITH A MAXIMUM 2% SLOPE AND MINIMUM ½% SLOPE IN ANY DIRECTION AT INTERVALS OF 200' SHALL BE INSTALLED.
4. WHENEVER CHANGING DIRECTION IN A SIDEWALK, INSTALL A 5'X5' PASSING AREA WITH MAXIMUM 2% SLOPE AND MINIMUM ½% SLOPE IN ANY DIRECTION.
5. OBJECTS SUCH AS TREE BRANCHES, SIGNS, WATER FOUNTAINS, ETC. SHALL NOT PROTRUDE INTO THE SIDEWALK MORE THAN 4" AT THE HEIGHTS BETWEEN 27" AND 80".
6. SIDEWALK SHALL BE CONSTRUCTED OF 4" THICK CONCRETE ON TOP OF 2" OF 1 ½" CRUSHER RUN, ⅜" ROCK SCREENINGS, 1 ½" CLEAN RECYCLED CONCRETE OR APPROVED EQUAL.
7. ALL OBSTRUCTIONS INTO THE WALK, SUCH AS POWER POLES, HYDRANTS, SIGN POSTS, ETC. MUST HAVE AT LEAST 48" OF CLEAR TRAVEL SPACE AROUND THE OBSTRUCTION.
8. SIDEWALK RUNNING GRADE SHALL NOT EXCEED 5% UNLESS THE SIDEWALK IS CONTAINED IN THE R-O-W AND THEN CANNOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREETS.

SIDEWALK JOINT NOTES:

9. ALL JOINTS TO BE SEALED, TO BE THOROUGHLY CLEANED BY HYDROBLASTING AND/OR SAND BLASTING METHODS. THE JOINTS ARE TO BE FREE FROM ALL DUST COATINGS, ANY CONTAMINATES, AND FREE FROM ALL MOISTURE THAT MIGHT INTERFERE WITH THE PROPER AND SATISFACTORY BONDING OF THE JOINT SEALANT MATERIAL. THE JOINT WILL BE BLOWN OUT WITH DRY COMPRESSED AIR IMMEDIATELY PRIOR TO APPLYING SEALANT.
10. CONSTRUCTION EQUIPMENT AND OTHER VEHICLES AND PEDESTRIANS THAT MAY CAUSE DAMAGE TO THE JOINTS SHALL NOT BE ALLOWED ON THE PAVEMENT AND SIDEWALKS BEFORE THE SEALANTS BECOMES TACK FREE.
11. USE 1/2" BY 4" EXPANSION JOINT MATERIAL ALONG SIDEWALK CURB AND ALONG BUILDING.
12. USE 1/2" BY 4" EXPANSION JOINT MATERIAL AROUND POLES OR OTHER OBSTRUCTIONS IN WALK AND FOR JOINTS SHOWN AS EXPANSION JOINTS ON THE PLAN VIEW OF THE SITE.
13. SAW CUT JOINTS WITHIN 24 HOURS.
14. SIDEWALK EXPANSION JOINTS ARE NOT DOWELED.

JOINT SEALANT NOTES:
JOINT SEALERS FOR SIDEWALKS SHALL CONFORM TO THE FOLLOWING:
(1) LOW MODULUS SILICON JOINT SEALANT, MACHINE EXTRUDED OR APPLIED BY GUN. GREY IN COLOR.
JOINT SEALERS FOR PARKING LOT PAVEMENT SHALL CONFORM TO THE FOLLOWING:
(1) LOW MODULUS SILICON JOINT SEALANT, MACHINE EXTRUDED OR APPLIED BY GUN. FOR SLAB, SEALANT SHALL BE DOW CORNING 890 SL, DOW CORNING 888 OR EQUAL (JOINT MUST BE TOOLED). FOR CURBS, SEALANT SHALL BE DOW CORNING 888 OR EQUAL (JOINT MUST BE TOOLED).

## CONCRETE SIDEWALK

NOT TO SCALE
D/C502

UNITED STATES AIR FORCE
AIR EDUCATION
TRAINING COMMAND
VANCE AIR FORCE BASE
ENID, OKLAHOMA

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140 Channel St., Suite 205
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JUNE 30, 2022

olsson
11600 Broadway Ext. / Ste. 300
Oklahoma City, OK 73114
TEL 405.242.6600
CA# 2483 Expires: June 30, 2021

| Revision Number | Description | Date |
|---|---|---|
| | | |

DRAWN BY: BG
CHECKED BY: RB

PROJECT NO.: XTLF21-1045PA
XTLF22-1045PB
XTLF23-1016
XTLF24-1020

DATE: 12 MARCH 2021

DESIGN STAGE: 100% PLANS

REPAIR PAVEMENTS
BROWN PARKWAY

TYPICAL PAVEMENT SECTIONS

**C502**

100%