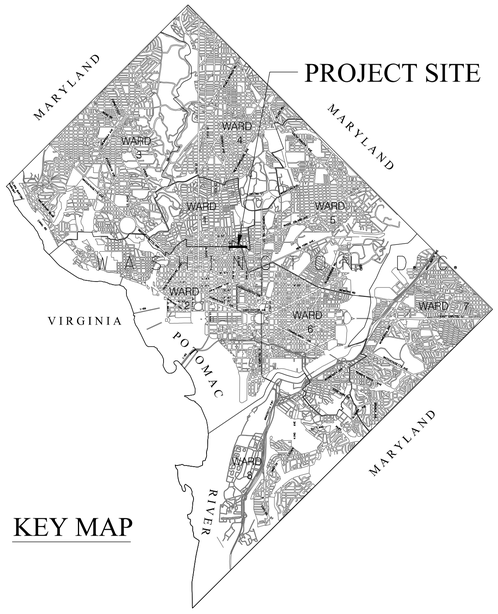
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	1	88

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED

S STREET NW REVITALIZATION
30% PLANS

FROM 7TH STREET TO FLORIDA AVE NW



KEY MAP

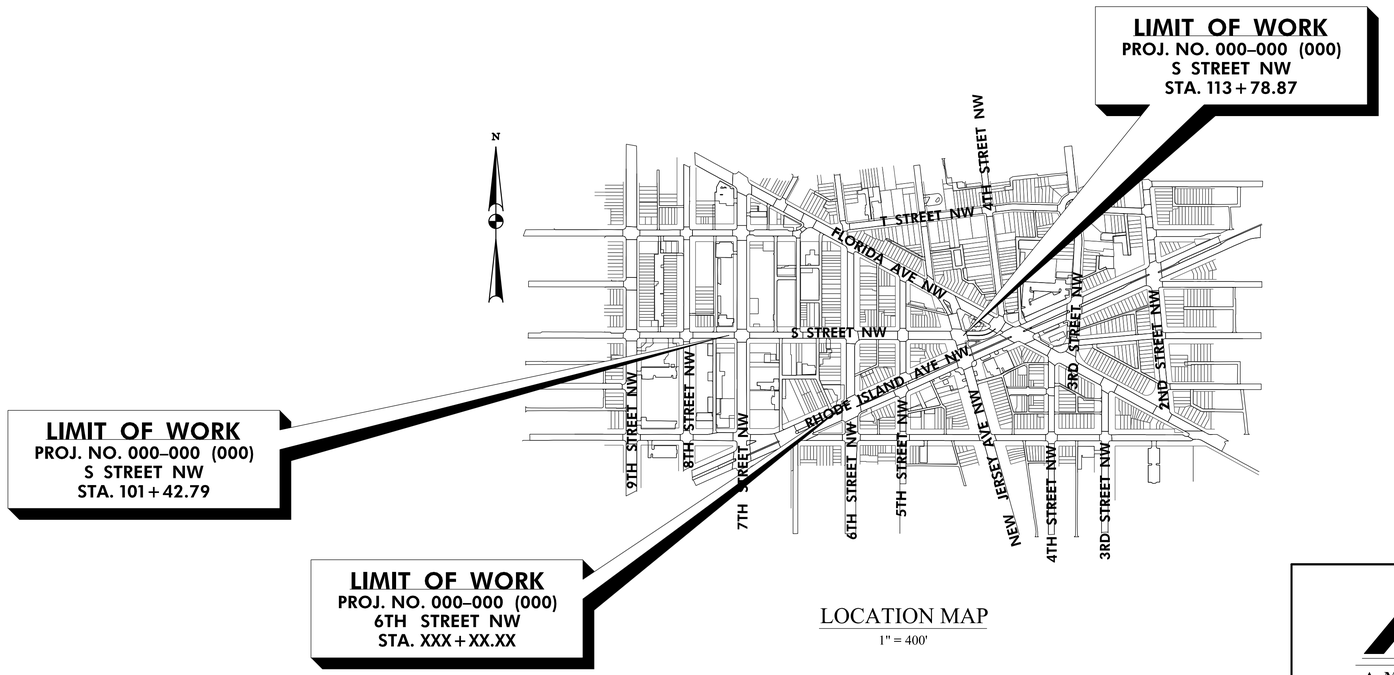
FEDERAL AID PROJECT NO. STP - 2018 (046)

RESURFACING = 1,236.1 FT = 0.23 MILES (S STREET)
UPGRADE = 0,000 FT = 0.00 MILES
RECONSTRUCTION = 353.5 FT = 0.07 MILES (S STREET)
LENGTH OF PROJECT = 1,589.6 FT = 0.30 MILES

TRAFFIC DATA	
CONTROL OF ACCESS	UNLIM.
ADT (2019)	6,000 (EST.)
ADT (2045)	5,600 (EST.)
DHV (2045)	415
DISTRIBUTION	50/50
TRUCKS	0%
POSTED V	25
DESIGN V	25
FUNCTIONAL CLASSIFICATION = LOCAL	

INDEX OF DRAWINGS

FOR INDEX OF DRAWINGS, SEE SHEET GN–01.



LOCATION MAP
1" = 400'

A. MORTONTHOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR APPROVAL:

PROGRAM MANAGER DDOT: IPMA /TEAM 4

APPROVED:

CHIEF ENGINEER

DATE: FEBRUARY XX, 2020

$PENTBL.S$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	2	88

INDEX OF DRAWINGS

SHEET #	TITLE
1	TITLE SHEET
2	GENERAL NOTES (GN–01)
3	STANDARD SYMBOLS AND ABBREVIATIONS (GN–02)
4	SHEET LAYOUT
5	GEOMETRIC LAYOUT (GS–01)
6–9	EXISTING CONDITION PLANS (EX–01 TO EX–04)
10	EXISTING TYPICAL SECTIONS (HT–01)
11	PROPOSED TYPICAL SECTIONS (HT–02)
12	BORING LOGS
13–16	PAVING AND GRADING PLANS (HD–01 TO HD–04)
17–22	ROADWAY PROFILES (HP–01 TO HP–06)
23–26	LANDSCAPE PLANS (LD–01 TO LD–03)
27–30	EXISTING PAVEMENT MARKING & SIGNING PLANS (PM–01 TO PM–04)
31–34	PROPOSED PAVEMENT MARKING & SIGNING PLANS (PM–05 TO PM–08)
35–38	EXISTING LIGHTING CALCULATIONS (LC–01 TO LC–04)
39–42	PROPOSED LIGHTING CALCULATIONS (LC–05 TO LC–08)
43–47	STREETLIGHT PLANS (LT–01 TO LT–05)
48–51	STORMWATER MANAGEMENT PLANS (SW–01 TO SW–04)
52–55	EXISTING UTILITIES (EU–01 TO EU–04)
56–65	MAINTENANCE OF TRAFFIC (MOT–01 TO MOT–4B)
66–71	EROSION AND SEDIMENT CONTROL PLANS (EN–01 TO ES–04)

GENERAL NOTES

GENERAL

1. THE PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE UNRESTRICTED ACCESS TO THE SITE FOR INSPECTION PURPOSES DURING THE ENTIRE CONSTRUCTION PERIOD.

2. THE FINISHED ELEVATIONS, ALIGNMENTS AND LIMITS OF WORK PROVIDED IN THE PLANS ARE BASED ON THE FIELD SURVEY DATA. THE CONTRACTOR IS RESPONSIBLE TO BRING TO THE NOTICE OF THE CHIEF ENGINEER ANY DISCREPANCY OR MISMATCH OF THE PROPOSED CONSTRUCTION WITH THE EXISTING.

3. THE CONTRACTOR SHALL ENSURE THAT ANY DISTURBANCE TO THE NORMAL MOVEMENT OF PERSONNEL AND VEHICLES, IS KEPT TO THE MINIMUM.

4. WHEN NOT ENGAGED IN CONSTRUCTION ACTIVITY, THE CONTRACTOR'S CONSTRUCTION EQUIPMENT AND VEHICLES SHALL BE PARKED IN THE STORAGE SITE OR STORAGE AREA IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

5. CONTRACTOR SHALL COORDINATE ACTIVITIES THROUGHOUT THE PROJECT IN THE MANNER THAT ALLOWS EMERGENCY ACCESS TO ALL AREAS OF THE JOB THAT ARE OCCUPIED BY THE EMPLOYEES WITHOUT DELAYS TO EMERGENCY RESPONSE VEHICLES.

6. THE CONTRACTOR SHALL NOT STOCKPILE CONSTRUCTION MATERIALS, SPOIL, DEBRIS, OR REFUSE IN ANY AREA OTHER THAN THAT SPECIFICALLY APPROVED FOR SUCH PURPOSE BY THE ENGINEER.

7. STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT ITS MOVEMENT BY THE WIND.

8. ANY DAMAGE TO THE EXISTING ROADS, OR SYSTEMS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS AT THE COMPLETION OF THE PROJECT.

9. THE DDOT STANDARD SPECIFICATION FOR HIGHWAYS AND STRUCTURES (2013). THE DDOT GREEN INFRASTRUCTURE STANDARDS (2014). AND THE DDOT STANDARD DRAWINGS (2015) ARE INCORPORATED HEREIN BY REFERENCE AND ARE MADE A PART OF THIS CONTRACT.

SURVEY

1. THE BASE MAPS ARE COMPILED FROM THE FIELD SURVEY DATA PROVIDED BY A. MORTON THOMAS, INC.

2. HORIZONTAL CONTROL WAS BASED ON MARYLAND STATE PLANE COORDINATE SYSTEM NAD 1988.

3. VERTICAL CONTROL WAS BASED ON D.C. ENGINEER'S DATUM.

DRAINAGE AND UTILITIES

1. SEWER BENCHMARK SHALL BE USED FOR SEWER CONSTRUCTION.

2. WATER BENCHMARK SHALL BE USED FOR WATER CONSTRUCTION.

3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY, 1–800–257–7777, 48 HRS. PRIOR TO EXCAVATION.

4. THE CONTRACTOR SHALL KEEP ALL THE UTILITIES IN SERVICE DURING CONSTRUCTION. IF ANY UTILITY IS ACCIDENTALLY DISRUPTED DURING CONSTRUCTION, THE UTILITY OWNER AND THE CHIEF ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND REPLACEMENT SHALL BE DONE IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. PLANNED DISRUPTIONS IN UTILITY SERVICE MUST BE COORDINATED THROUGH THE CHIEF ENGINEER.

TRANSIT COORDINATION

1. CONTRACTOR SHALL COORDINATE WITH WMATA REGARDING TEMPORARY LOCATIONS OF BUS STOPS WHICH ARE IMPACTED DURING PHASED CONSTRUCTION.

GENERAL NOTES (CONTINUED)

EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL COORDINATE WITH THE CHIEF ENGINEER TO SCHEDULE AND HOLD PRE– CONSTRUCTION MEETING WITH THE SEDIMENT CONTROL INSPECTOR PRIOR TO STARTING THE WORK. CALL (202) 535–2977.

2. THE CONTRACTOR SHALL INSTALL ALL SEDIMENT CONTROL PROTECTION MEASURES PRIOR TO COMMENCEMENT AS SHOWN IN PLANS.

3. THE CONTRACTOR SHALL INSTALL SEDIMENT CONTROL PROTECTION FOR NEW INLETS IMMEDIATELY AFTER THE INLETS ARE CONSTRUCTED.

4. THE CONTRACTOR SHALL INSTALL SEDIMENT CONTROL PROTECTION FOR EXISTING NEARBY INLETS OUTSIDE THE LIMIT OF WORK THAT ARE IMPACTED BY THE CONSTRUCTION. LAND DISTURBANCE IN THE AREA FROM WHICH RUNOFF IS TREATED BY THOSE MEASURES.

MAINTENANCE OF TRAFFIC (MOT)

1. DURING ALL PHASES OF CONSTRUCTION AND THE DURATION OF THE CONTRACT THE TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIAL PROVISIONS.

2. IF THE CONTRACTOR DOES NOT WISH TO USE THE MOT PLANS IN THE CONTRACT DOCUMENTS, ALTERNATE MOT PLANS SHALL BE SUBMITTED TO THE CHIEF ENGINEER FOR APPROVAL.

3. TEMPORARY TRAFFIC CONTROL SIGNS SHALL NOT BE INSTALLED AT TREE PROTECTION STRUCTURES.

TEMPORARY SUPPORT SYSTEMS

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL BRACING, SHORING, ETC; FOR THE TEMPORARY SUPPORT OF EXCAVATION.

2. THE CONTRACTOR SHALL SUBMIT THE DESIGN CALCULATIONS AND ERECTION PROCEDURES PREPARED BY A REGISTERED PROFESSIONAL ENGINEER TO THE CHIEF ENGINEER FOR APPROVAL PRIOR TO BEGINNING OF WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS

GN–01

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

GENERAL NOTES

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY LM
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 2 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\pw-am1-01\dms37716\pGN-0001_160920.dgn
Monday, August 10, 2020 AT 05:13 PM
$PLTDRVS$
$PENTBLS$

STANDARD SYMBOLS

(SS)	EXISTING SANITARY SEWER MANHOLE
(SD)	EXISTING STORMDRAIN MANHOLE
(CS)	EXISTING COMBINED SANITARY & STORMDRAIN MANHOLE
(W)	EXISTING WATER MANHOLE
(G) (T) (E)	EXISTING GAS, TELEPHONE, ELECTRIC MANHOLE
M.H. (?)	EXISTING MANHOLE - UNKNOWN
WM	EXISTING WATER METER
V (W)	EXISTING WATER VALVE OR CUT-OFF
V (SS)	EXISTING SANITARY SEWER VENT
C.O.	EXISTING SANITARY SEWER CLEANOUT
GM	EXISTING GAS METER
V (G)	EXISTING GAS VALVE OR CUT-OFF
V (G)	EXISTING GAS VENT
EM	EXISTING ELECTRIC METER
(SS) (SD) (W)	PROPOSED SANITARY SEWER, STORMDRAIN, WATER MANHOLE
	EXISTING FIRE HYDRANT
(F)	PROPOSED FIRE HYDRANT
WV GV	PROPOSED WATER VALVE, GATE VALVE
SIZE & TYPE	EXISTING CULVERT WITH DIRECTION OF FLOW
SIZE & TYPE	PROPOSED CULVERT WITH DIRECTION OF FLOW
U.D.	EXISTING UNDERDRAIN
U.D.	PROPOSED UNDERDRAIN

SIZE	EXISTING CATCH BASIN CONNECTION WITH DIRECTION OF FLOW
LENGTH & SIZE	PROPOSED CATCH BASIN CONNECTION WITH DIRECTION OF FLOW
(SD)	EXISTING SINGLE CATCH BASIN
(SD) (SD)	EXISTING DOUBLE CATCH BASIN
(SD) (SD) (SD)	EXISTING TRIPLE CATCH BASIN
(SD)	EXISTING SINGLE CATCH BASIN WITH DOUBLE THROAT ELONGATION
(SD)	EXISTING SINGLE CATCH BASIN WITH TRIPLE THROAT ELONGATION
	EXISTING SINGLE CATCH BASIN WITH GRATE
	EXISTING DOUBLE CATCH BASIN WITH GRATE
	PROPOSED SINGLE CATCH BASIN
	PROPOSED DOUBLE CATCH BASIN
	PROPOSED TRIPLE CATCH BASIN
	PROPOSED SINGLE CATCH BASIN WITH GRATE
	PROPOSED DOUBLE CATCH BASIN WITH GRATE
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORMDRAIN, WATER LINE LESS THAN 24"
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORMDRAIN, WATER LINE 24" OR GREATER
SIZE & TYPE G T E	EXISTING UNDERGROUND GAS, TELEPHONE, ELECTRIC LINE
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORMDRAIN, WATER LINE TO BE ABANDONED
SIZE & TYPE G T E	EXISTING UNDERGROUND GAS, TELEPHONE, ELECTRIC LINE TO BE ABANDONED
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORMDRAIN, WATER LINE TO BE REMOVED
SIZE & TYPE G T E	EXISTING UNDERGROUND GAS, TELEPHONE, ELECTRIC LINE TO BE REMOVED
LENGTH, SIZE & TYPE	PROPOSED STORMDRAIN LINE WITH DIRECTION OF FLOW, LESS THAN 24"
LENGTH, SIZE & TYPE	PROPOSED STORMDRAIN LINE WITH DIRECTION OF FLOW, 24" OR GREATER

	EXISTING RAILROAD
	EXISTING STREETCAR TRACKS
	PROPOSED LIMIT OF MAJOR WORK
	PROPOSED LIMIT OF REPAIR WORK
	EXISTING BUSH OR SHRUB
	EXISTING HEDGEROW
DIA. DIA.	EXISTING DECIDUOUS TREE, EVERGREEN TREE
	PROPOSED TREE
	EXISTING TREE STUMP
DIA.	EXISTING TREE TO BE REMOVED
DIA.	EXISTING TREE WITH TREE PROTECTION
HEIGHT	EXISTING WALL OR COPING
HEIGHT	PROPOSED WALL OR COPING
E.V.	EXISTING ELECTRIC VAULT
GUY	EXISTING GUY WIRE ANCHOR
	DIRECTION OF TRAFFIC
	EXISTING SIGN AND POST
	PROPOSED SIGN AND POST
M	EXISTING PARKING METER
F	EXISTING FIRE ALARM BOX
P	EXISTING POLICE CALL BOX
T	EXISTING TRASH/WASTE CAN
	EXISTING WHEELCHAIR/BICYCLE RAMP
	PROPOSED WHEELCHAIR/BICYCLE RAMP
	EXISTING BOLLARD OR POST

M.B.	MAIL BOX
#5	LOCATION OF TEST BORING WITH NUMBER
#5	LOCATION OF TEST PIT WITH NUMBER
3	BENCH MARK WITH NUMBER
	TRIANGULATION OR CONTROL POINT
	BREAK IN GRADE
	STATION EQUATION
2	REVISION WITH NUMBER
45.67	EXISTING SPOT ELEVATION AND/OR FEATURE (0.10 SLANT TEXT FOR 20' SCALE)
45.67	PROPOSED SPOT ELEVATION AND/OR FEATURE (0.12 TEXT FOR 20' SCALE)
100.00 / 99.42	(TOP OF CURB/WALL) / (BOTTOM OF CURB/WALL) (EXIST. AND/OR PROP.)
	EXISTING BASE LINE OR CENTER LINE
BL	PROPOSED BASE LINE
CL	PROPOSED CENTER LINE
	STATE LINE
R.O.W.	RIGHT-OF-WAY LINE
	BUILDING RESTRICTION LINE
	LOT LINE
-X- -X- -X-	EXISTING FENCE (Indicate Type)
-X- -X- -X-	PROPOSED FENCE (Indicate Type)
	EXISTING GUARDRAIL - DOUBLE FACE
	PROPOSED GUARDRAIL - DOUBLE FACE
	EXISTING GUARDRAIL - SINGLE FACE
	PROPOSED GUARDRAIL - SINGLE FACE

	PROPOSED 3 SECTION TRAFFIC SIGNAL
	PROPOSED 4 SECTION TRAFFIC SIGNAL
	PROPOSED 5 SECTION TRAFFIC SIGNAL
	EXISTING 3 SECTION TRAFFIC SIGNAL
	EXISTING 4 SECTION TRAFFIC SIGNAL
	EXISTING 5 SECTION TRAFFIC SIGNAL
	EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
	PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
X	REMOVE INDICATED TRAFFIC SIGNAL OR STREETLIGHT UNIT
	EXISTING PEDESTRIAN SIGNAL
	PROPOSED PEDESTRIAN SIGNAL
TC	EXISTING TRAFFIC SIGNAL CONTROL BOX
TC	PROPOSED TRAFFIC SIGNAL CONTROL BOX
TEC	EXISTING TRAFFIC SIGNAL COMMUNICATION CABINET
TEC	PROPOSED TRAFFIC SIGNAL COMMUNICATION CABINET
	EXISTING SL/TS CONDUIT - SL=STREETLIGHT, TS=TRAFFIC SIGNAL
* - 2"	PROPOSED 2" PVC CONDUIT
* - 4"	PROPOSED 4" PVC CONDUIT
* - 2" & * - 4"	PROPOSED 2" & 4" PVC CONDUITS
2 - 4"	PROPOSED 2-4" PVC CONDUITS
4 - 4"	PROPOSED 4-4" PVC CONDUITS
*	PROPOSED LOCATION FOR PEPCO POWER CONNECTION
	EXISTING 6'x6'x6' ELECTRICAL MANHOLE
	PROPOSED 6'x6'x6' ELECTRICAL MANHOLE
	EXISTING 4'x4'x6' ELECTRICAL MANHOLE

	PROPOSED 4'x4'x6' ELECTRICAL MANHOLE
	EXISTING 4'x4'x4' ELECTRICAL MANHOLE
	PROPOSED 4'x4'x4' ELECTRICAL MANHOLE
	EXISTING 3'x3'x3' ELECTRICAL MANHOLE
	PROPOSED 3'x3'x3' ELECTRICAL MANHOLE
	EXISTING * 14' STREETLIGHT POLE
	PROPOSED * 14' STREETLIGHT POLE
	EXISTING * 16' STREETLIGHT POLE
	PROPOSED * 16' STREETLIGHT POLE
	EXISTING * 18' STREETLIGHT POLE
	PROPOSED * 18' STREETLIGHT POLE
	EXISTING TWIN 20' STREETLIGHT POLE
	PROPOSED TWIN 20' STREETLIGHT POLE
	EXISTING 5A STREETLIGHT POLE
	PROPOSED 5A STREETLIGHT POLE
	EXISTING PENDANT POLE
	PROPOSED PENDANT POLE
	EXISTING PEPCO WOOD POLE
	PROPOSED PEPCO WOOD POLE
	EXISTING DC WOOD POLE
	PROPOSED DC WOOD POLE
	EXISTING 20' FOOT TRAFFIC SIGNAL POLE
	PROPOSED 20' FOOT TRAFFIC SIGNAL POLE
TS	TRAFFIC SIGNAL(S) MOUNTED ON STREETLIGHT POLE
	PROPOSED BICYCLE RACK

ABBREVIATIONS

A.A.S.H.T.O.	American Association of State Highway Transportation Officials
ADT	Average Daily Traffic
AHD	Ahead
APPROX.	Approximate
B or B/L	Baseline
BK	Back / Book
BIT.	Bituminous
B.C.	Bituminous Concrete
B.M.	Bench Mark
BOT.	Bottom
C.C.	Center of Curve
CATV	Cable Television
C.B.R.	California Bearing Ratio
C or C/L	Centerline
CL.	Class
CLF	Chainlink Fence
CMP	Corrugated Metal Pipe
C.O.	Cleanout
COMB.	Combination
CONC.	Concrete
CONSTR.	Consrtruction
COR.	Corner
CORR.	Correction
DC	Degree of Curve
D.H.V.	Design Hourly Volume
D.I.	Drop Inlet
DIA.	Diameter
D.O.	Double Opening
E	East
E	Electric
E	External Distance
EA.	Each
E.B.	Eastbound
ELEV.	Elevation
E.R.C.C.P.	Elliptical Reinforced Cement Concrete Pipe
ES	End Section
EX. or EXIST.	Existing
FT.	Feet
F or FL	Flowline
F.B.D.	Flat Bottom Ditch
F.H.	Fire Hydrant
FWD.	Forward
G	Gas
G.V.	Gas Valve
H.B.	Handbox
H.D.P.	High Density Polyetheylene
HDWL.	Headwall
H.E.R.C.P.	Horizontal Ellipitical Reinforced Concrete Pipe
H.P.	High Point
IN	Inch
I.S.T	Inlet Sediment Trap
INV.	Invert
J.B.	Junction Box
K	K Inlet
L	Length
L.F.	Linear Feet
L.L.	Liquid Limit
L.P.	Light Pole
MAC.	Macadam
LF.	Left
M.C.	Moisture Content
MAX.	Maximum
M.D.D.	Maximum Dry Content
MOD.	Modified
MIN.	Minimum
N	North

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP - 2018 (046)	3	88

ABBREVIATIONS

N.B.	Northbound
N.E.	Northeast
O.C.	On Center
OHE	Overhead Electric
O.M.	Optimum Moisture
PAV'T.	Pavement
P.C.	Point of Curvature
P.C.C.	Point of Compound Curvature
P/C	Point of Crown
P/GE	Profile Grade Elevation
P.G.L.	Profile Grade Line
P/GL	Profile Ground Line
P/R	Point of Rotation
P.I.	Plasticity Index
P.I.	Point of Intersection
P.O.C.	Point On Curve
P.O.T.	Point On Tangent
PROP.	Proposed
P.R.C.	Point of Reverse Curve
PT.	Point
P.T.	Point of Tangency
P.V.C.	Point of Vertical Curve
PVC	Polyvinyl Chloride
PVI	Point of Vertical Intersection
PVRC	Point of Vertical Reverse Curve
PVT	Point of Vertical Tangency
R	Radius
RT.	Right
RW or R/W	Right of Way
R.C.P.	Reinforced Cement Pipe
R.C.C.P.	Reinforced Cement Concrete Pipe
R.M.	Rootmat
S	South
SAN.	Sanitary Sewer
SB or S/B	Southbound
S.D.	Storm Drain
S.D.D.	Surface Drain Ditch
S/E	Super Elevation
SF	Silt Fence
S.F.	Square Feet
SHT.	Sheet
S.P.P.	Structural Plate Pipe
S.P.T.	Standard Penetration Testing
SSD	Stopping Sight Distance
SSF	Super Silt Fence
STD.	Standard
STA.	Station
SO.	Single Opening
S.Y.	Square Yards
SWM	Stormwater Management
T	Tangent
T	Telephone
T.C.	Top of Cover
T.G.	Top of Grate
T or TL	Traverse Line
T.M.	Top of Manhole
TRAV.	Traverse
TS	Temporary Swale
T.S.	Top of Slab
T.S.	Topsoil
TYP.	Typical
U.D.	Under Drain
U.G.	Underground
U.P.	Utility Pole
V.C.L.	Vertical Curve Length
W	Water
W	West
W.B.	Westbound
W.M.	Water Meter
W.V.	Water Valve

GN-02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION - PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STANDARD SYMBOLS AND ABBREVIATIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY LM
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 3 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingogo\documents\pw-amt-01\dms377161\pGN-0002_160920.dgn
Monday, August 10, 2020 AT 05:13 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	4	88

N

S ST NW

7TH ST NW

WILTBERGER ST NW

6TH ST NW

5TH ST NW

FLORIDA AVE NW

NEW JERSEY AVE NW

RHODE ISLAND AVE NW

HD–01

HD–02

HD–03

HD–04

SQUARE 0417

SQUARE 0419

SQUARE 0441

SQUARE 0442

SQUARE 0475

SQUARE 0475-S

SQUARE 0475-E

SQUARE 0475-N

SQUARE 0508-N

WMATA P.S.E.

WMATA R.O.W.

INBOUND TRACK CENTERLINE

OUTBOUND TRACK CENTERLINE

50' WIDE PUBLIC STREET TWO-WAY TRAFFIC

ONE WAY PUBLIC STREET ONE-WAY TRAFFIC

15' WIDE PUBLIC ALLEY

20' WIDE PUBLIC ALLEY

50' 0 50' 100'

SCALE: 1" = 50'

$PENTBLS$

$PLTDRVS$

$FILE$

$DATE$

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

SHEET LAYOUT

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE

FILE

SHEET 4 OF 88

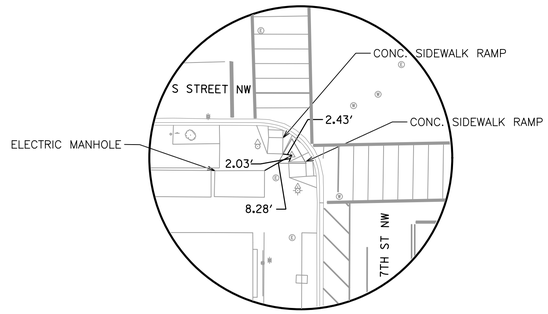
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	5	88

TRAVERSE POINTS			
POINT NO.	NORTH	EAST	ELEVATION
100	454270.7523	1306064.2760	80.16
101	454316.1915	1306307.3920	80.96
102	454320.0482	1306520.7260	81.34
103	454272.5677	1306715.1950	80.46
104	454319.1760	1306922.7030	81.04
105	454260.8704	1307298.7460	82.41

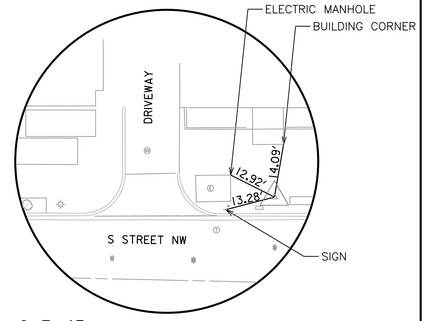
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
S01	PC	114+67.15	454,293.8636	1,307,351.5977	S 89° 54′ 35″ E
	PI	115+12.55	454,293.7920	1,307,396.9940	
	PT	115+53.62	454,324.7481	1,307,430.1985	N 47° 00′ 25″ E

BENCH MARKS				
POINT NO.	NORTH	EAST	ELEVATION	DESCRIPTION
500	454312.8947	1306194.9626	83.47	BM 500
501	454343.6099	1306641.9605	83.74	BM 501
502	454318.2091	1306984.7508	83.01	BM 502
503	454270.3862	1307188.1976	84.18	BM 503

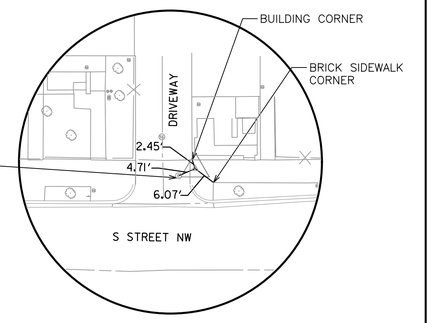
CURVE DATA						
CURVE	DELTA	Dc	RADIUS	TANGENT	LENGTH	EXTERNAL
S01	43° 04′ 59.80″ (LT)	49° 49′ 20.7″	115.00	45.40	86.47	8.6358



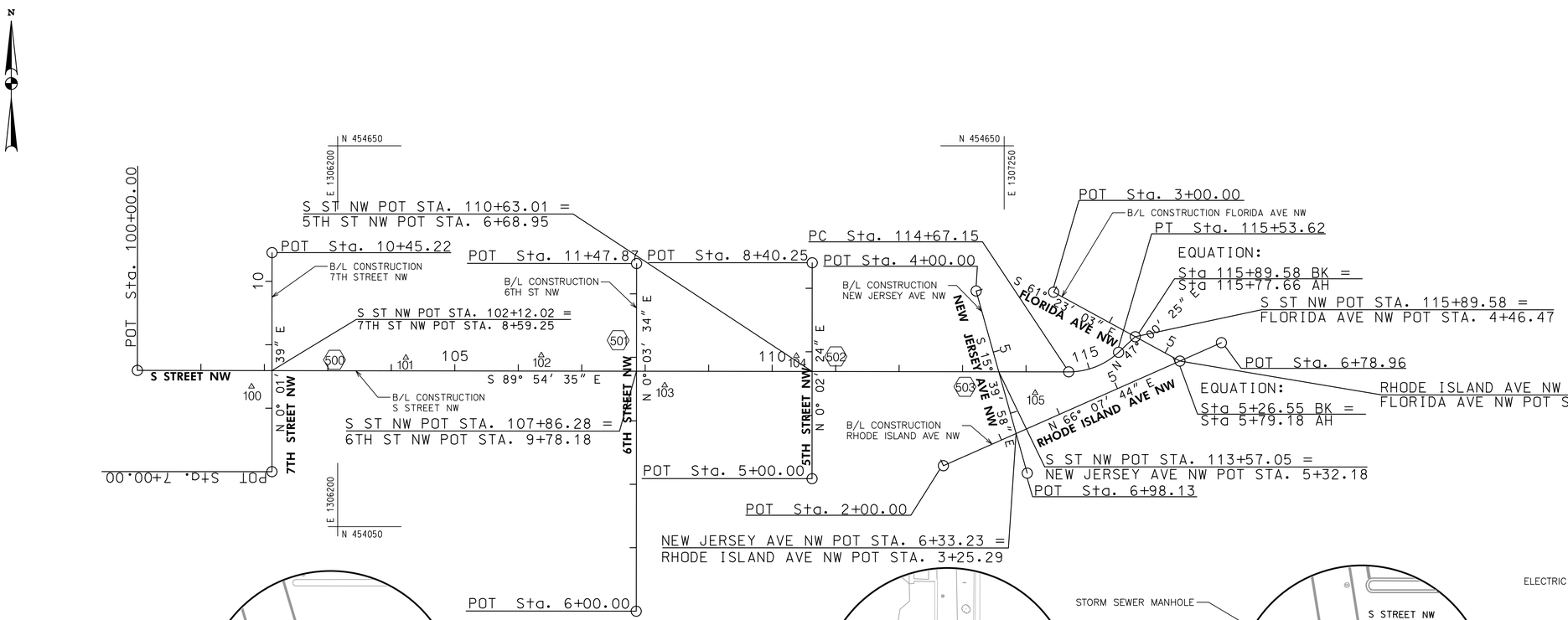
TRAV POINT 100
(CROSS - CUT)

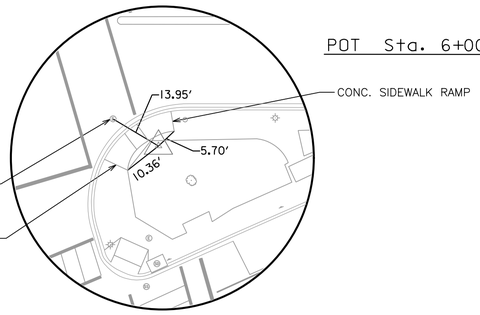


TRAV POINT 101
(CROSS - CUT)

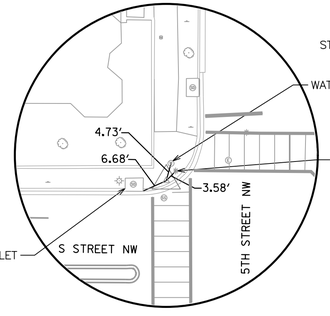


TRAV POINT 102
(CROSS - CUT)

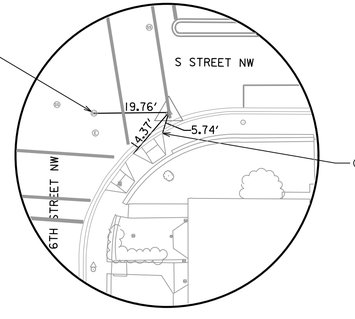




TRAV POINT 105
(CROSS - CUT)



TRAV POINT 104
(CROSS - CUT)



TRAV POINT 103
(MAG - NAIL)

GS-01

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

GEOMETRIC LAYOUT

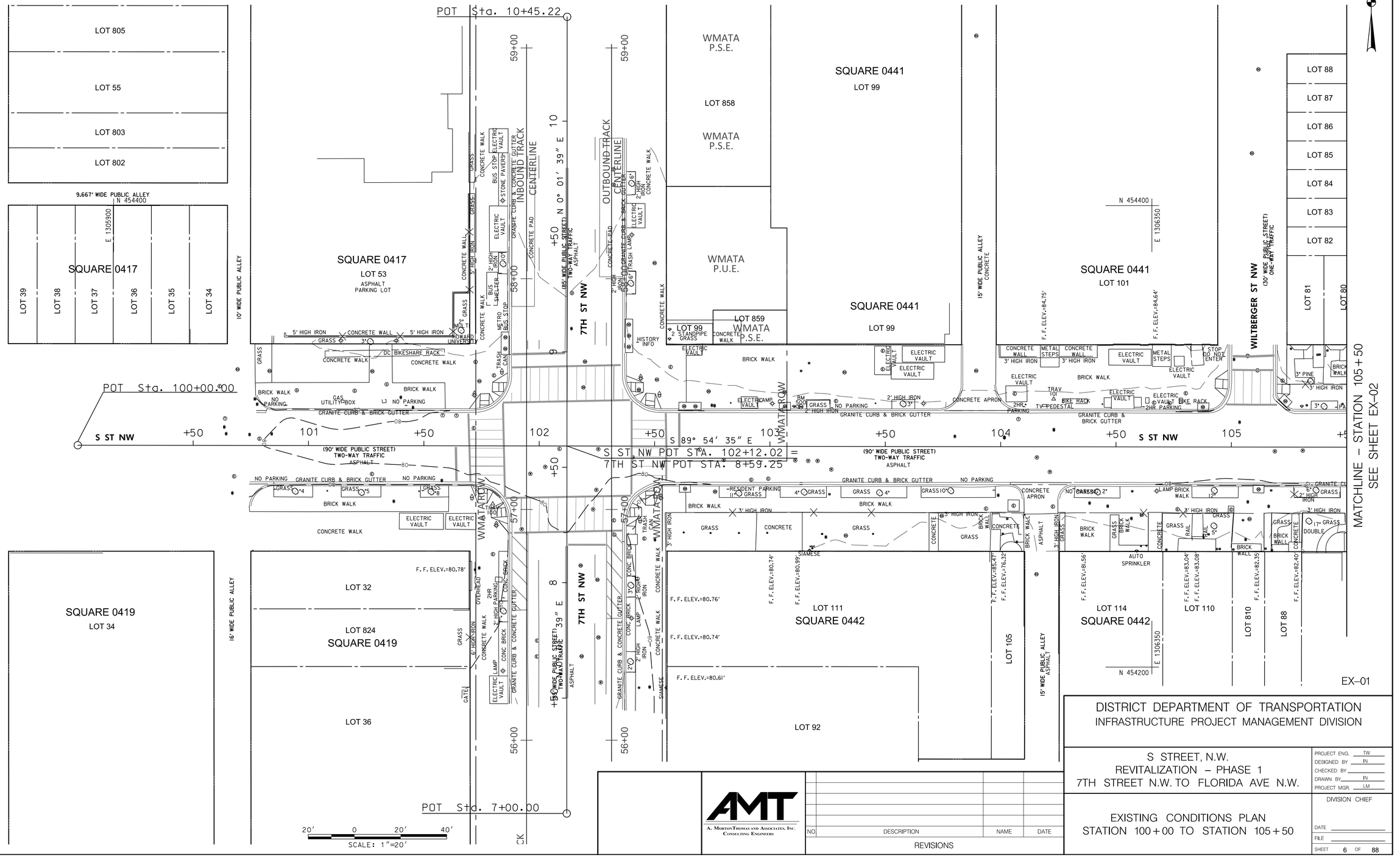
DIVISION CHIEF
DATE
FILE
SHEET 5 OF 88

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

NOTES:

1. FOR CURVE DATA, BENCH MARK AND TRAVERSE INFORMATION, SEE SHEET GS–01.
2. FOR ADDITIONAL UTILITY INFORMATION, SEE SHEETS EU–01 TO EU–04.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	6	88



DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

EXISTING CONDITIONS PLAN
STATION 100+00 TO STATION 105+50

DIVISION CHIEF
DATE
FILE
SHEET 6 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

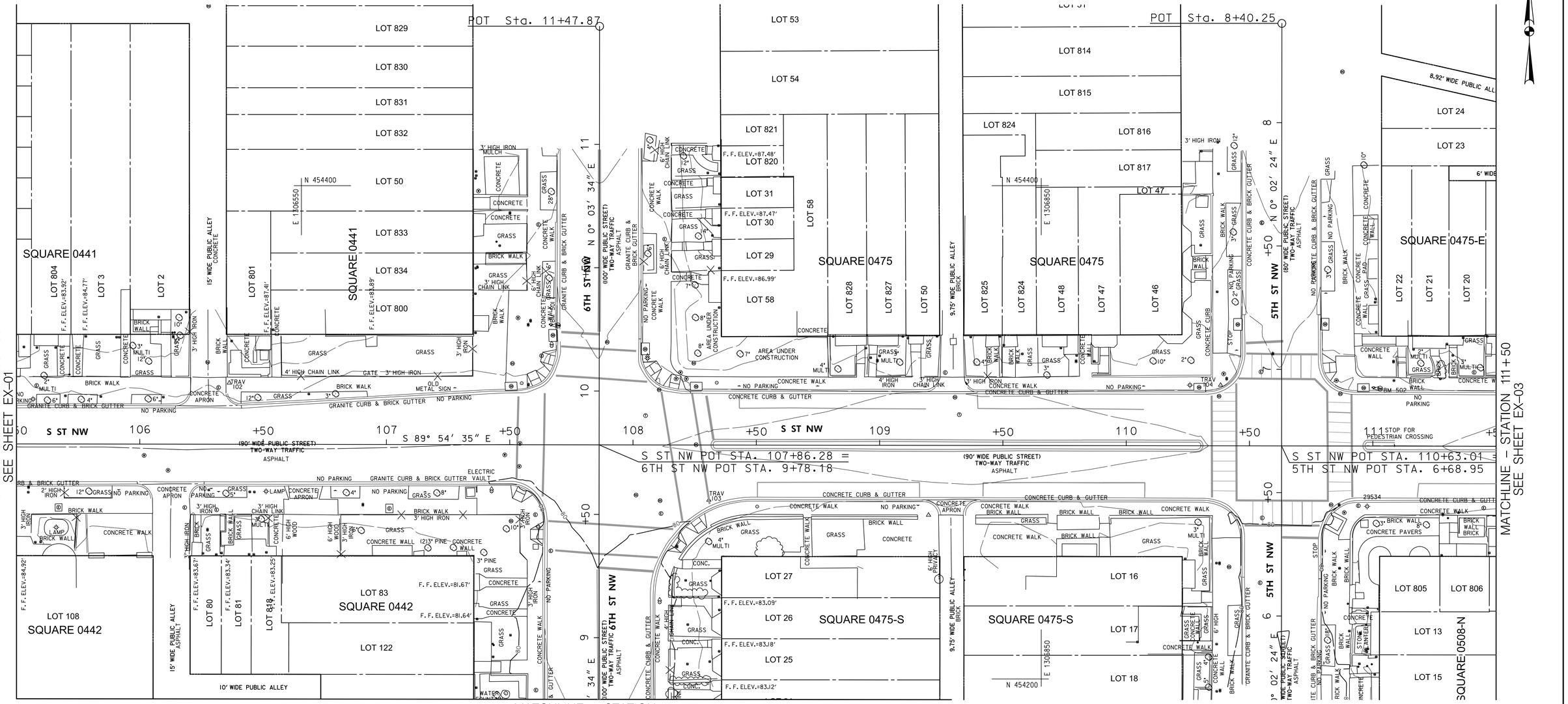
REVISIONS

c:\users\ingogo\documents\pw-gmt-01\dms37716\pEX-E001_SSTNW.dgn
Monday, August 10, 2020 AT 05:14 PM
$PENTBLS$
$PLTDRVS$

NOTES:

1. FOR CURVE DATA, BENCH MARK AND TRAVERSE INFORMATION, SEE SHEET GS–01.
2. FOR ADDITIONAL UTILITY INFORMATION, SEE SHEETS EU–01 TO EU–04.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	7	88



EX–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING CONDITIONS PLAN
STATION 105+50 TO STATION 111+50

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 7 OF 88

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

NOTES:

1. FOR CURVE DATA, BENCH MARK AND TRAVERSE INFORMATION, SEE SHEET GS–01.
2. FOR ADDITIONAL UTILITY INFORMATION, SEE SHEETS EU–01 TO EU–04.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	8	88

MATCHLINE – STATION 111+50
SEE SHEET EX–02

SQUARE 0475-E
LOT 31
8.92' WIDE PUBLIC ALLEY
PUBLIC ALLEY
LOT 16 LOT 15 LOT 14 LOT 1
LOT 19 LOT 18 LOT 17 LOT 16 LOT 15 LOT 14 LOT 1
SQUARE 0475-E

N 454400
E 1307150

POT Sta. 4+00.00
S 15° 39' 58" E +50
NEW JERSEY AVE NW (80' WIDE PUBLIC STREET) TWO-WAY TRAFFIC ASPHALT

POT Sta. 3+00.00
S 61° 23' 03" E +50
(80' WIDE PUBLIC STREET) TWO-WAY TRAFFIC ASPHALT
FLORIDA AVE NW

(50' WIDE PUBLIC STREET) TWO-WAY TRAFFIC

US POST OFFICE
SQUARE 0507-N
LOT 800

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 5+32.18

PT Sta. 115+53.68
PC Sta. 114+67.15

S ST NW POT STA. 115+89.58 =
FLORIDA AVE NW POT STA. 4+46.47

N 454400
E 1307550

EQUATION:
Sta 115+89.58 BK =
Sta 115+77.66 AH

POT Sta. 6+78.96
N 47° 00' 25" E +50
S 61° 23' 03" E 5
N 66° 07' 44" E +50

EQUATION:
Sta 5+26.55 BK =
Sta 5+79.18 AH

RHODE ISLAND AVE NW POT STA. 6+7.43 =
FLORIDA AVE NW POT STA. 5+26.55

S ST NW
112 S 89° 54' 35" E +50 113 +50 114 +50 115

(90' WIDE PUBLIC STREET) TWO-WAY TRAFFIC ASPHALT

CONCRETE BRICK WALL
3" PINE MULTI
3" HIGH IRON
CONCRETE WALL
CONCRETE CURB & GUTTER
NO PARKING
GRASS
WOOD WALL
CONCRETE APRON
6' HIGH IRON
GATE
CONCRETE CURB & GUTTER
GRANITE CURB & BRICK GUTTER
CONCRETE WALK
BRICK WALK
6" HIGH IRON
14MD
5AI79
56959

LOT 802 LOT 803 LOT 4 LOT 12 LOT 11 LOT 813 LOT 814
5' WIDE PUBLIC ALLEY
SQUARE 0508-N
LOT 13 LOT 16 LOT 4 LOT 12 LOT 11 LOT 813 LOT 814 LOT 16
E 1307150
N 454200

BM 503
4' HIGH IRON
20" DOUBLE
2" MULTI
6" GRASS SHRUBS
CONCRETE WALL
CONCRETE CURB & GUT
CONCRETE PAD
BUS SHELTER
BUS STOP
TRAV 105
U.S. RES. 160
5AI77
5AI78

RHODE ISLAND AVE NW
(130' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
CONCRETE CURB & GUT

NPS RESERVATION 160 JURIDISCTION TRANSFERRED TO DDOT FOR HIGHWAY PURPOSES

RHODE ISLAND AVE NW POT STA. 3+25.29 =
NEW JERSEY AVE NW POT STA. 6+33.23

POT Sta. 6+98.13
POT Sta. 2+00.00
(130' WIDE PUBLIC STREET) TWO-WAY TRAFFIC ASPHALT

(80' WIDE PU... TWO-WAY

EX–03

20' 0 20' 40'
SCALE: 1"=20'

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING CONDITIONS PLAN
STATION 111+50 TO STATION 115+77.66

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE

SHEET 8 OF 88

c:\users\lngoga\documents\pw-amt-01\dms37716\pEX-E003_SStNW.dgn
Monday, August 10, 2020 AT 05:14 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	9	88

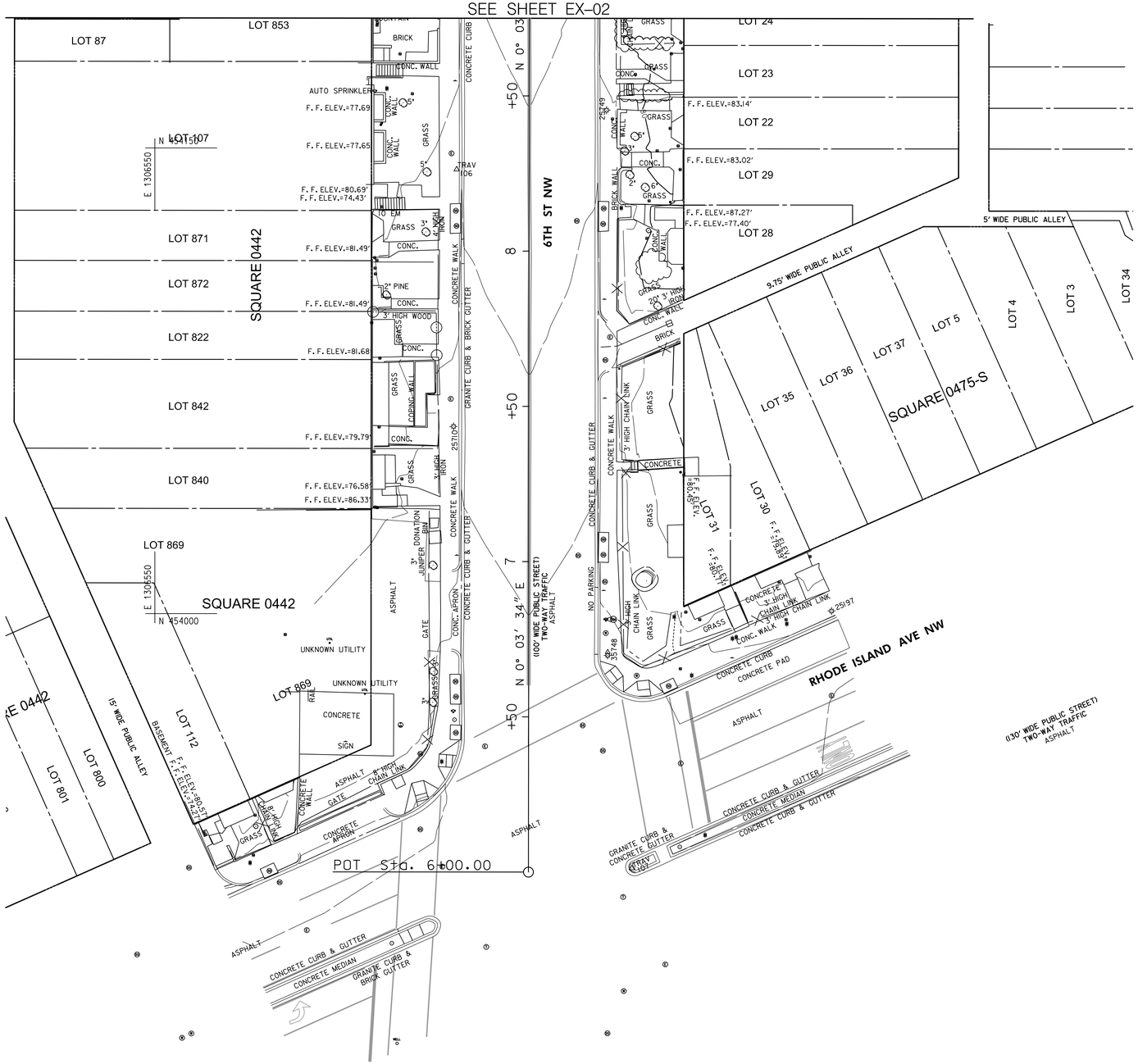
N

NOTES:

1. FOR CURVE DATA, BENCH MARK AND TRAVERSE INFORMATION, SEE SHEET GS–01.

2. FOR ADDITIONAL UTILITY INFORMATION, SEE SHEETS EU–01 TO EU–04.

MATCHLINE – STATION 8+75
SEE SHEET EX–02



20′ 0 20′ 40′
SCALE: 1"=20′

EX–04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING CONDITIONS PLAN
STATION 5+00 TO STATION 5+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 9 OF 88

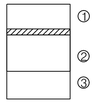
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$FILE$
$DATE$
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	10	88



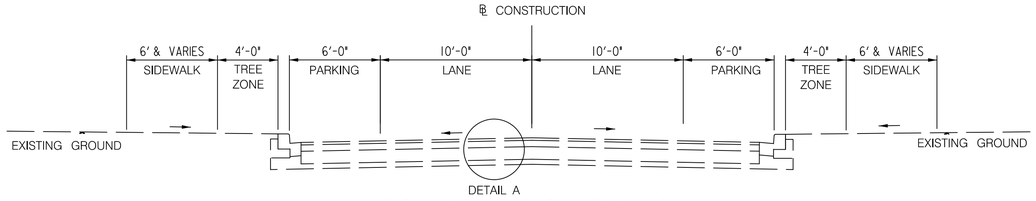
DETAIL A

LEGEND

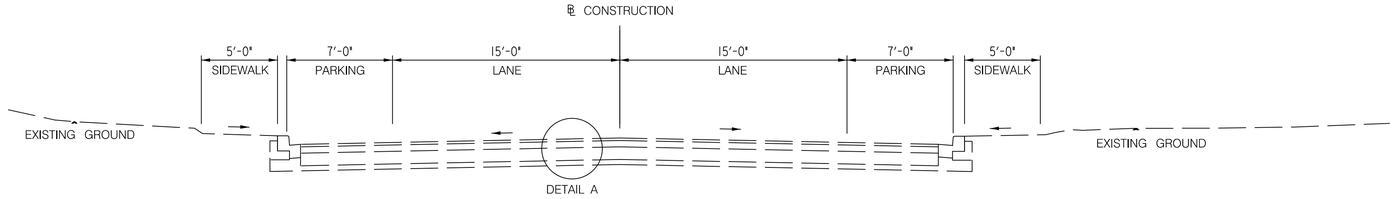
① 2" to 8" HMAC for surface Course

② 6.2" to 10.5" PCC for Base Course

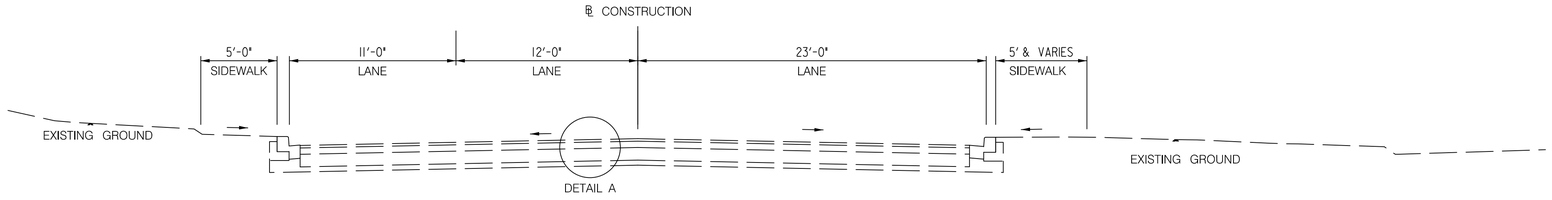
③ 0" to 7.5" Aggregate Base Course



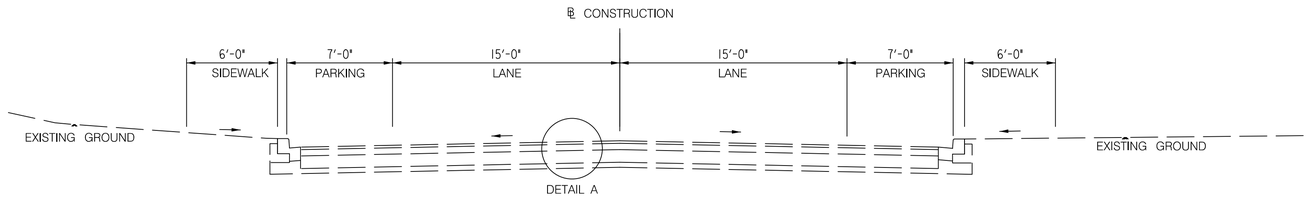
S ST FROM 7TH ST TO 6TH ST



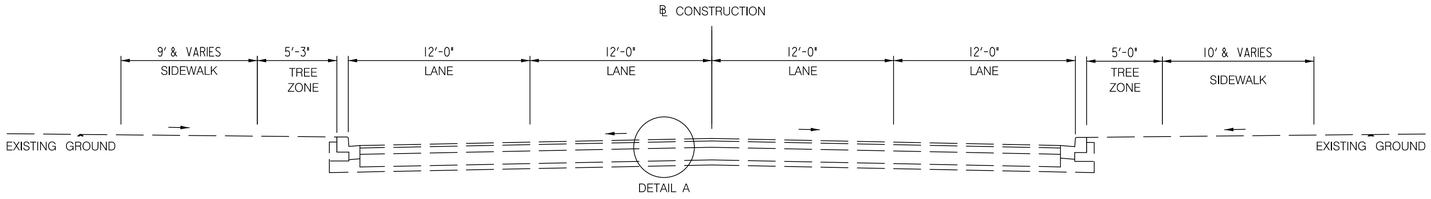
S ST FROM 6TH ST TO NEW JERSEY AVE



S ST FROM NEW JERSEY AVE TO FLORIDA AVE



6TH ST



NEW JERSEY AVE

HT–01

NOT TO SCALE

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING TYPICAL SECTIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY FW
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE

FILE

SHEET 10 OF 88

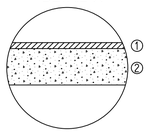
c:\users\ingoga\documents\pw-gmt-01\dms37716\pHT-E001_SS1.dgn
Monday, August 10, 2020 AT 05:14 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	11	88

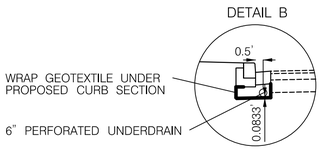
LEGEND

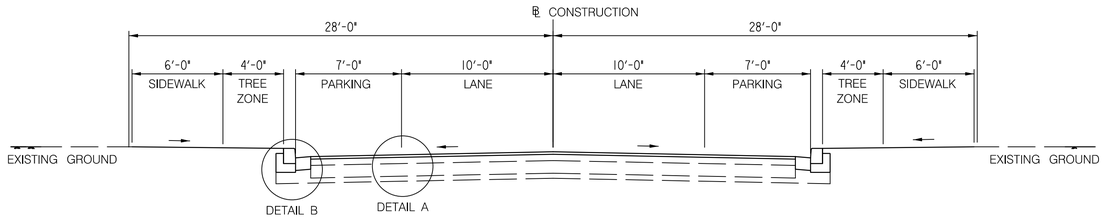
1. MILL 2" AND RESURFACE WITH 2" OF OVERLAY
2. EXISTING COMPOSITE PAVEMENT TO REMAIN.

DETAIL A

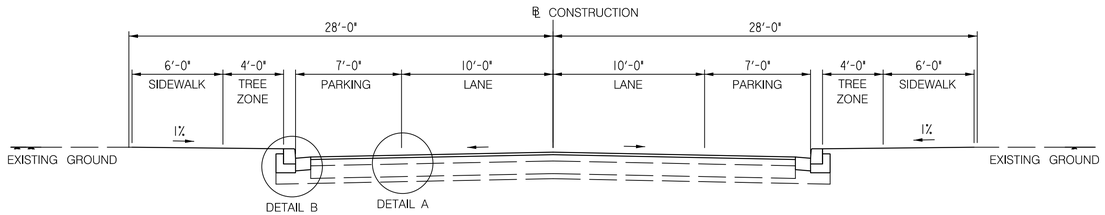


DETAIL B



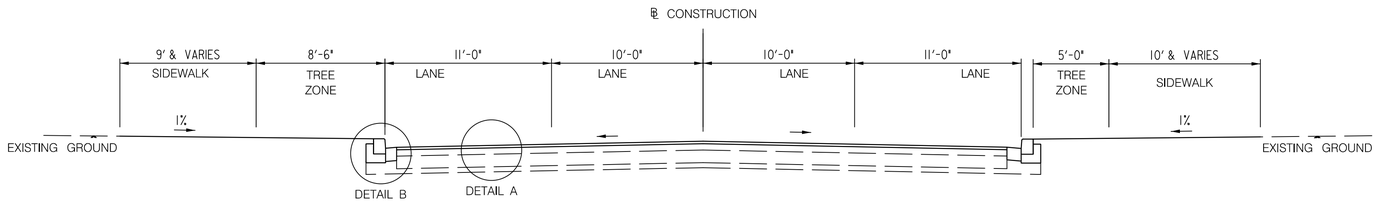


S ST FROM 7TH ST TO 6TH ST



S ST FROM 6TH ST TO NEW JERSEY AVE

6TH ST



NEW JERSEY AVE

NOTES

1. FOR SPECIFIC LOCATIONS OF MILLING AND OVERLAY (DETAIL A) SEE ROADWAY PLANS
2. SEE LANDSCAPE PLANS FOR SIDEWALK, PAVER, AND CURB TREATMENTS
3. 6" PERFORATED UNDERDRAIN TO BE PLACED UNDER THE CENTER OF GUTTER PAN ONE INCH OFF THE BOTTOM OF THE 4" DRAINABLE GRADED AGGREGATE BASE LAYER OF THE PAVEMENT SECTION. SEE DETAIL B.

NOT TO SCALE

HT–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY FW
DRAWN BY IN
PROJECT MGR. LM

PROPOSED TYPICAL SECTIONS

DIVISION CHIEF
DATE
FILE

SHEET 11 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\pw-amt-01\dms377161\pHT-P001_SSt.dgn
Monday, August 10, 2020 AT 05:14 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	12	88

P-1

PROJECT NAME: DDOT S St. Revitalization
PROJECT NO.: 01.04318.01
LOCATION: Washington, DC
CLIENT: AMT, LLC.

PAGE 1 OF 1

DATE(S) DRILLED:6/15/2020
DRILLING METHOD(S): 3.25 in HSA
DRILLING EQUIPMENT: CME 55
DRILLER: R. Balbuena LOGGER: J. Yao
SURFACE ELEVATION: 100.0 ft

GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING

MATERIAL DESCRIPTION OF STRATA	LL	PI	MOISTURE CONTENT (%)
0.0 / 100.0 ASPHALT **Asph** -2 in			
0.2 / 99.8 CONCRETE **Conc** -10 in			
1.0 / 99.0 Boring Terminated			

REMARKS: SPT Sampling was not conducted for safety reasons around utilities and traffic

PAGE 1 OF 1

P-1

DMY ENGINEERING CONSULTANTS INC.
4170 Lafayette Center Drive, Suite 500
Chantilly, Virginia, 20151
tel: (703) 665-0586 fax: (301) 768-4169

P-2

PROJECT NAME: DDOT S St. Revitalization
PROJECT NO.: 01.04318.01
LOCATION: Washington, DC
CLIENT: AMT, LLC.

PAGE 1 OF 1

DATE(S) DRILLED:6/15/2020
DRILLING METHOD(S): 3.25 in HSA
DRILLING EQUIPMENT: CME 55
DRILLER: R. Balbuena LOGGER: J. Yao
SURFACE ELEVATION: 100.0 ft

GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING

MATERIAL DESCRIPTION OF STRATA	LL	PI	MOISTURE CONTENT (%)	% Finer than #200
0.0 / 100.0 ASPHALT **Asph** -3.5 in				
0.3 / 99.7 CONCRETE **Conc** -8.5 in				
1.0 / 99.0 AGGREGATE BASE **GB** -6 in				
1.5 / 98.5 Brown, LEAN CLAY, firm to hard, moist **CL**	38	17	22.4	98.0
7.0 / 93.0 Gray, fine SILTY SAND, trace clay, medium dense to dense, moist **SM**				
SAME, trace gravel				
10.0 / 90.0 Boring Terminated				

REMARKS: Cave in at 4.5 ft

PAGE 1 OF 1

P-2

DMY ENGINEERING CONSULTANTS INC.
4170 Lafayette Center Drive, Suite 500
Chantilly, Virginia, 20151
tel: (703) 665-0586 fax: (301) 768-4169

P-3

PROJECT NAME: DDOT S St. Revitalization
PROJECT NO.: 01.04318.01
LOCATION: Washington, DC
CLIENT: AMT, LLC.

PAGE 1 OF 1

DATE(S) DRILLED:6/19/2020
DRILLING METHOD(S): 3.25 in HSA
DRILLING EQUIPMENT: CME 55
DRILLER: R. Balbuena LOGGER: J. Yao
SURFACE ELEVATION: 100.0 ft

GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING

MATERIAL DESCRIPTION OF STRATA	LL	PI	MOISTURE CONTENT (%)	% Finer than #200
0.0 / 100.0 ASPHALT **Asph** -2.3 in				
0.2 / 99.8 CONCRETE **Conc** -9.2 in				
1.0 / 99.0 Gray, fine to coarse silty sand with gravel FILL, very dense, moist **FL-SM**				
3.0 / 97.0 Gray, lean clay with sand FILL, trace gravel, firm, moist **FL-CL**	31	15	17.5	81.1
5.0 / 95.0 Brown, LEAN CLAY, very stiff, moist **CL**	31	14	15.5	96.5
6.0 / 94.0 Gray, fine SILTY SAND, medium dense, moist **SM**				
7.0 / 93.0 Gray and brown, LEAN CLAY, very stiff, moist **CL**	35	15	16.7	87.4
9.0 / 91.0 Gray and brown, medium SILTY SAND, medium dense, moist **SM**				
11.0 / 89.0 Boring Terminated				

REMARKS: Cave-in at 8.5

PAGE 1 OF 1

P-3

DMY ENGINEERING CONSULTANTS INC.
4170 Lafayette Center Drive, Suite 500
Chantilly, Virginia, 20151
tel: (703) 665-0586 fax: (301) 768-4169

P-4

PROJECT NAME: DDOT S St. Revitalization
PROJECT NO.: 01.04318.01
LOCATION: Washington, DC
CLIENT: AMT, LLC.

PAGE 1 OF 1

DATE(S) DRILLED:6/16/2020
DRILLING METHOD(S): 3.25 in HSA
DRILLING EQUIPMENT: CME 55
DRILLER: R. Balbuena LOGGER: J. Yao
SURFACE ELEVATION: 100.0 ft

GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING

MATERIAL DESCRIPTION OF STRATA	LL	PI	MOISTURE CONTENT (%)	% Finer than #200
0.0 / 100.0 ASPHALT **Asph** -2.8 in				
0.2 / 99.8 CONCRETE **Conc** -8 in				
0.9 / 99.1 AGGREGATE BASE **GB** -10.8 in				
1.8 / 98.2 Brown and gray, lean clay FILL, stiff to very stiff, moist **FL-CL**	26	10	17.0	99.4
6.0 / 94.0 Light gray, sandy SILT, very stiff, moist **ML**				
10.0 / 90.0 Boring Terminated				

REMARKS: Cave in depth at 8 ft

PAGE 1 OF 1

P-4

DMY ENGINEERING CONSULTANTS INC.
4170 Lafayette Center Drive, Suite 500
Chantilly, Virginia, 20151
tel: (703) 665-0586 fax: (301) 768-4169

P-5

PROJECT NAME: DDOT S St. Revitalization
PROJECT NO.: 01.04318.01
LOCATION: Washington, DC
CLIENT: AMT, LLC.

PAGE 1 OF 1

DATE(S) DRILLED:6/15/2020
DRILLING METHOD(S): 3.25 in HSA
DRILLING EQUIPMENT: CME 55
DRILLER: R. Balbuena LOGGER: J. Yao
SURFACE ELEVATION: 100.0 ft

GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING

MATERIAL DESCRIPTION OF STRATA	LL	PI	MOISTURE CONTENT (%)	% Finer than #200
0.0 / 100.0 ASPHALT **Asph** -2.4 in				
0.2 / 99.8 CONCRETE **Conc** -8.4 in				
0.9 / 99.1 AGGREGATE BASE **GB** -7.2 in				
1.5 / 98.5 Brown, lean clay FILL, stiff, moist **FL-CL**	30	10	16.9	91.1
3.5 / 96.5 Gray, LEAN CLAY, firm to stiff, moist **CL**				
SAME, orange and brown, WITH GRAVEL	35	15	18.7	76.4
SAME, gray and brown	31	13	16.4	88.6
10.0 / 90.0 Boring Terminated				

REMARKS: Cave in depth at 7.3

PAGE 1 OF 1

P-5

DMY ENGINEERING CONSULTANTS INC.
4170 Lafayette Center Drive, Suite 500
Chantilly, Virginia, 20151
tel: (703) 665-0586 fax: (301) 768-4169

P-6

PROJECT NAME: DDOT S St. Revitalization
PROJECT NO.: 01.04318.01
LOCATION: Washington, DC
CLIENT: AMT, LLC.

PAGE 1 OF 1

DATE(S) DRILLED:
DRILLING METHOD(S): 3.25 in HSA
DRILLING EQUIPMENT: CME 55
DRILLER: R. Balbuena LOGGER: J. Yao
SURFACE ELEVATION: 100.0 ft

GROUND WATER WAS NOT ENCOUNTERED DURING DRILLING

MATERIAL DESCRIPTION OF STRATA	LL	PI	MOISTURE CONTENT (%)	% Finer than #200
0.0 / 100.0 ASPHALT **Asph** -2.5 in				
0.2 / 99.8 CONCRETE **Conc** -8.5 in				
0.9 / 99.1 Gray and brown, lean clay FILL, stiff, moist **FL-CL**	45	22	27.8	86.3
3.5 / 96.5 Gray and brown, LEAN CLAY, stiff to very stiff, moist **CL**	35	16	22.6	87.3
10.0 / 90.0 Boring Terminated				

REMARKS: Cave in depth at 7 ft

PAGE 1 OF 1

P-6

DMY ENGINEERING CONSULTANTS INC.
4170 Lafayette Center Drive, Suite 500
Chantilly, Virginia, 20151
tel: (703) 665-0586 fax: (301) 768-4169

BL–01

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

BORING LOGS

DIVISION CHIEF
DATE
FILE
SHEET 12 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingog\documents\w-am1-01\dms377l6\pBL_P001_SS1NW.dgn $PENTBLS$
Monday, August 10, 2020 AT 05:14 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	13	88

N

LOT 805
LOT 55
LOT 803
LOT 802

9.667' WIDE PUBLIC ALLEY

N 454400
E 1305900

SQUARE 0417
LOT 39 LOT 38 LOT 37 LOT 36 LOT 35 LOT 34

10' WIDE PUBLIC ALLEY

POT Sta. 10+45.22

59+00
58+00
INBOUND TRACK CENTERLINE
OUTBOUND TRACK CENTERLINE

7TH ST NW +50 N 0° 01' 39" E 10
(65' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC

SQUARE 0417
LOT 53

WMATA P.S.E.
LOT 858
WMATA P.S.E.
WMATA P.U.E.

SQUARE 0441
LOT 99

N 454400
E 1306200

SQUARE 0441
LOT 99

LOT 859
WMATA P.S.E.

EX-5
EX-6
7' 5' 12' 13' 5' 8'
9

I-2

15' WIDE PUBLIC ALLEY

SQUARE 0441
LOT 101

WILTBERGER ST NW
(30' WIDE PUBLIC STREET)
ONE-WAY TRAFFIC

LOT 88
LOT 87
LOT 86
LOT 85
LOT 84
LOT 83
LOT 82
LOT 81
LOT 80

10'

MATCHLINE – STA. 105+50
SEE SHEET HD–02

POT Sta. 100+00.00

+50 101 S ST NW +50 102 +50 S 89° 54' 35" E 103 +50 104 S ST NW +50 105

(90' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC

S ST NW POT STA. 102+12.02 =
7TH ST NW POT STA. 8+59.25

I-3
I-4

Alley
WMATA ROW
WMATA ROW
ALLEY

I-1

EX-44

8' 5' 12' 12' 5' 8'
8
7TH ST NW
+50 (65' WIDE PUBLIC STREET) TWO-WAY TRAFFIC N 0° 01' 39" E

SQUARE 0419
LOT 34

LOT 32
LOT 824
SQUARE 0419
LOT 36

16' WIDE PUBLIC ALLEY

LOT 111
SQUARE 0442
N 454200
E 1306200
LOT 92

LOT 105

15' WIDE PUBLIC ALLEY

LOT 114
SQUARE 0442
LOT 110
LOT 810
LOT 88

56+00

POT Sta. 7+00.00

HD–01

LEGEND

PAVEMENT MILL & OVERLAY
PROPOSED CONCRETE SIDEWALK
PROPOSED BRICK SIDEWALK

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PAVING AND GRADING PLAN
STA. 100+00 TO STA. 105+50

NO	DESCRIPTION	NAME	DATE

REVISIONS

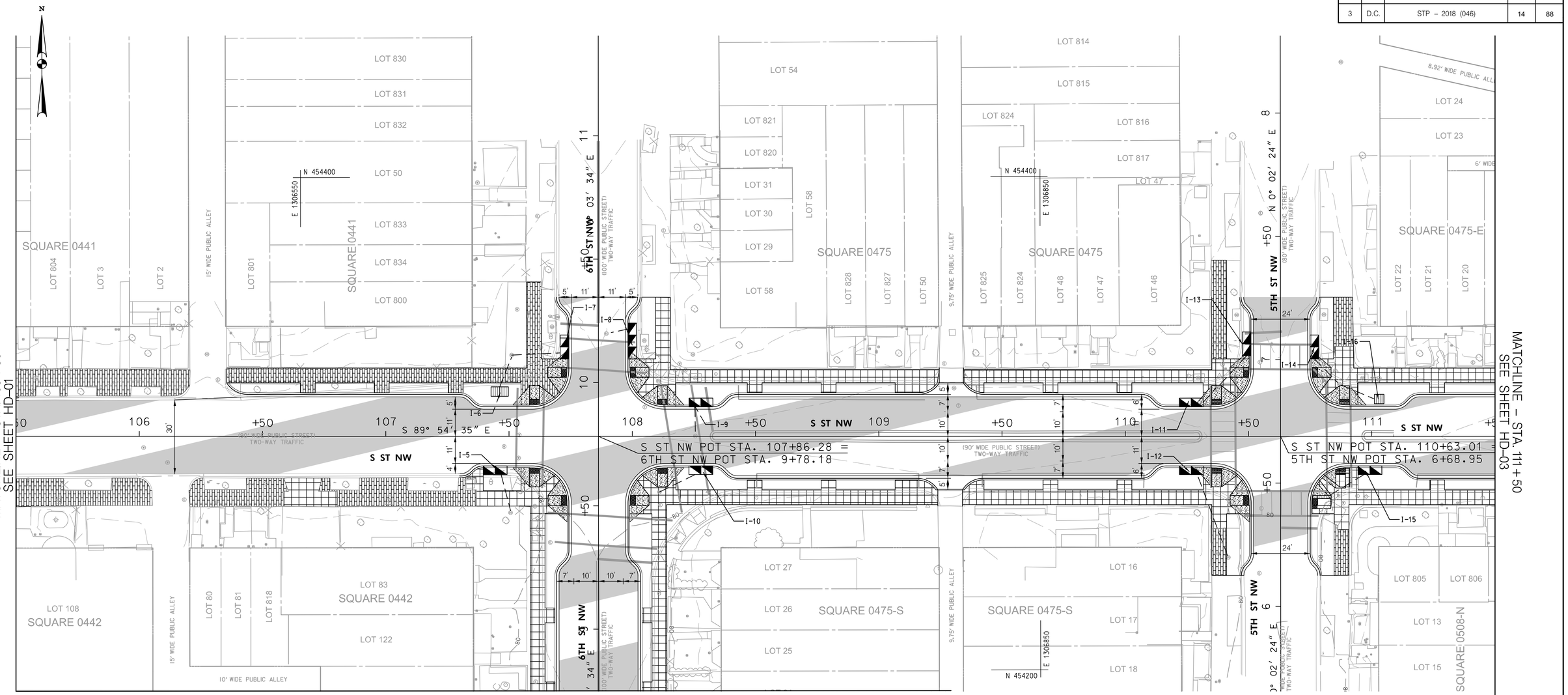
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 13 OF 88

c:\users\ingoga\documents\pw-amt-0\dms37716\phD_P001_160920.dgn
Monday, August 10, 2020 AT 05:15 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	14	88



HD-02

LEGEND

- PAVEMENT MILL & OVERLAY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK

20' 0 20' 40'
SCALE: 1"=20'

NO.	DESCRIPTION	NAME	DATE

REVISIONS

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PAVING AND GRADING PLAN
STA. 105+50 TO STA. 111+50

PROJECT ENG.	TW
DESIGNED BY	IN
CHECKED BY	
DRAWN BY	IN
PROJECT MGR.	LM

DIVISION CHIEF
DATE
FILE
SHEET 14 OF 88

c:\users\lngoga\documents\pw-am1-01\dms37716\pHD_P002_160920.dgn
Monday, August 10, 2020 AT 05:15 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	15	88

N

N 454500
E 1307050

N 454500
E 1307450

I-19

NOTE 1:

PROJECT TO BE EXTENDED TO INCLUDE IMPROVEMENTS TO NEW JERSEY AVENUE AND 5TH STREET, PENDING DDOT APPROVAL

SEE NOTE 1

SQUARE 0475-E
LOT 31

8.92' WIDE PUBLIC ALLEY

PUBLIC ALLEY

LOT 16 LOT 15 LOT 14 LOT 1

SQUARE 0475-E

LOT 19 LOT 18 LOT 17 LOT 16 LOT 15 LOT 14 LOT 1

NEW JERSEY AVE NW

POT Sta. 4+00.00

S 15° 39' 58" E

11' 10' 70' 11'

(90' WIDE PUBLIC STREET) TWO-WAY TRAFFIC

+50

I-20

I-17

I-18

MATCHLINE – STA. 111+50
SEE SHEET HD-02

112 +50 S 89° 54' 35" E +50 113 +50 114 +50 115

(90' WIDE PUBLIC STREET) TWO-WAY TRAFFIC

S ST NW

7' 10' 10' 7'

+50 S 15° 39' 58" E 47'

LOT 802 LOT 803 PUBLIC ALLEY LOT 4 LOT 12 LOT 11 LOT 813 LOT 814

RE\0508-N

LOT 813 LOT 814

U.S. RES. 160

EX-76

POT Sta. 3+00.00

S 61° 23' 03" E

(80' WIDE PUBLIC STREET) TWO-WAY TRAFFIC

+50

FLORIDA AVE NW

SEE NOTE 2

EX-81

SQUARE 0507-N
LOT 800

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 5+32.18

PT Sta. 115+53.62

PC Sta. 114+67.15

S ST NW POT STA. 115+89.58 =
FLORIDA AVE NW POT STA. 4+46.47

EQUATION:
Sta 115+89.58 BK =
Sta 115+77.66 AH

+50 N 47° 00' 25" E

+50 S 61° 23' 03" E

POT Sta. 6+78.9

+50 N 66° 07' 44" E

EQUATION:
Sta 5+26.55 BK =
Sta 5+79.18 AH

RHODE ISLAND AVE NW POT STA. 6+7.43 =
FLORIDA AVE NW POT STA. 5+26.55

(130' WIDE PUBLIC STREET) TWO-WAY TRAFFIC

RHODE ISLAND AVE NW

+50 N 66° 07' 44" E

NOTE 2:

MODIFIED ACCESS COORDINATION IS ONGOING WITH PROPERTY OWNER

HD-03

N 454200
E 1307450

RHODE ISLAND AVE NW POT STA. 3+25.29 =
NEW JERSEY AVE NW POT STA. 6+33.23

NEW JERSEY AVE NW

RHODE ISLAND AVE NW +50

LEGEND

- PAVEMENT MILL & OVERLAY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK

20' 0 20' 40'
SCALE: 1"=20'

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PAVING AND GRADING PLAN
STA. 111+50 TO STA. 115+89.58

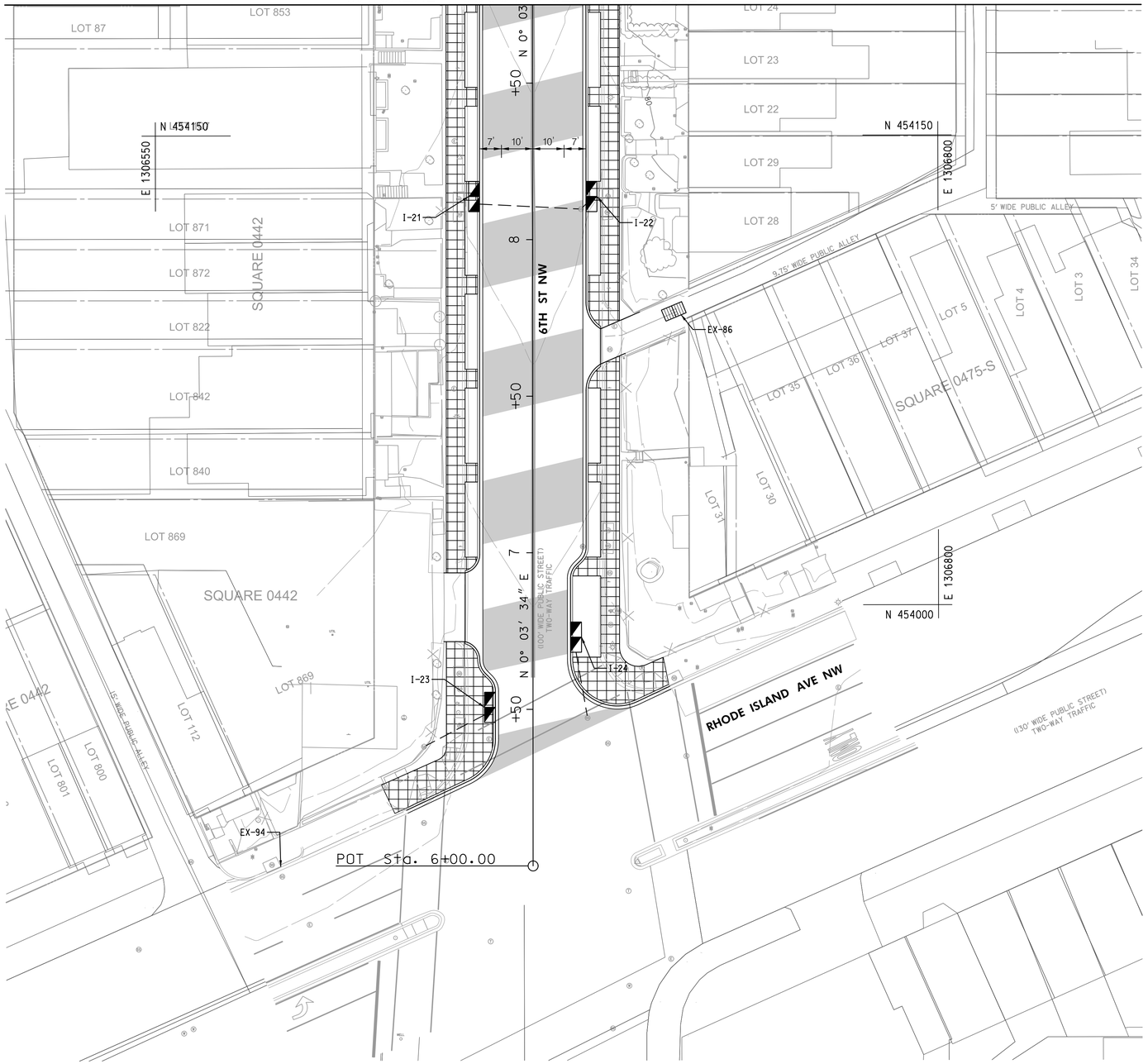
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE

SHEET 15 OF 88

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	16	88

MATCHLINE – STA. 8+75 SEE SHEET HD–02



HD–04

LEGEND

- PAVEMENT MILL & OVERLAY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK

20′ 0 20′ 40′
SCALE: 1"=20′

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

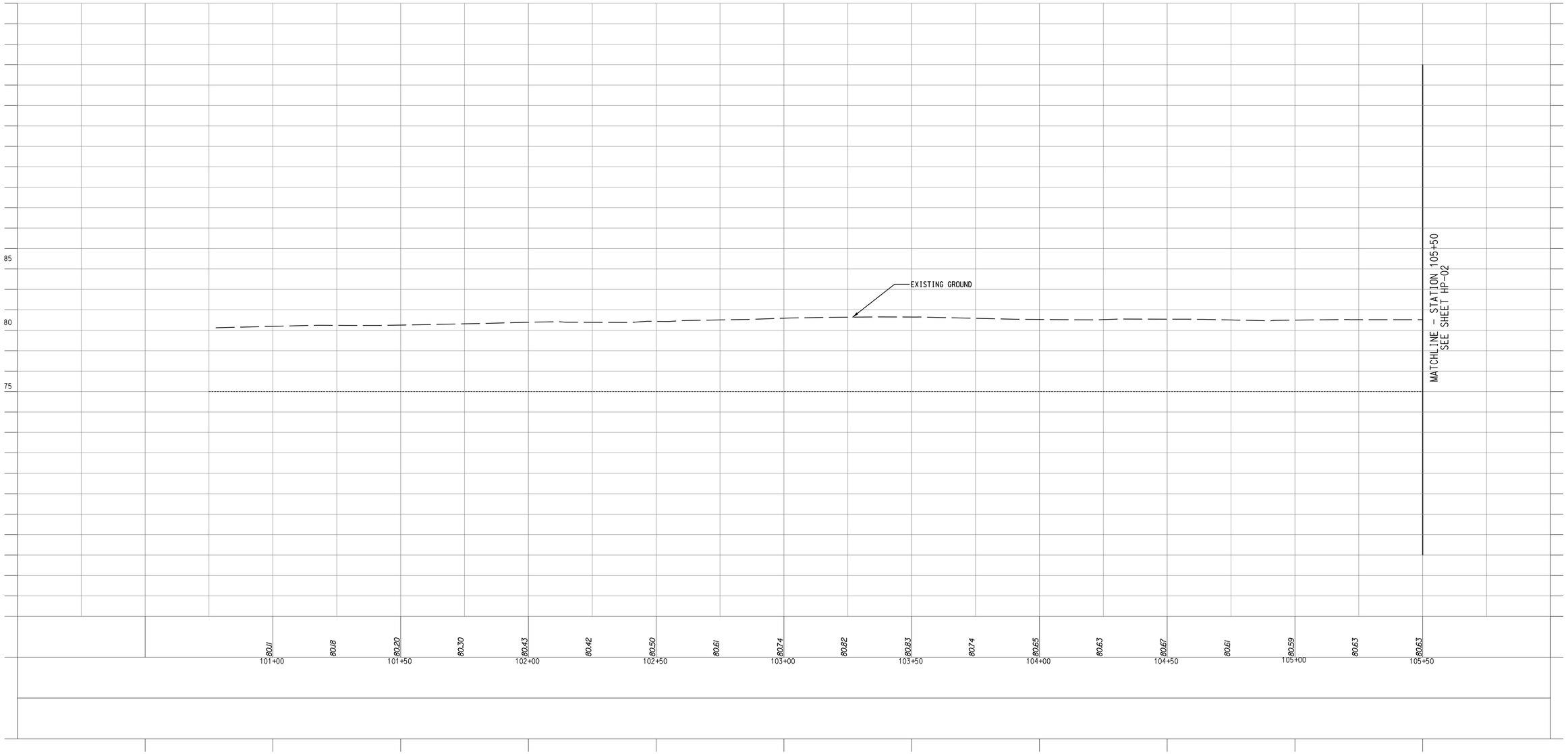
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

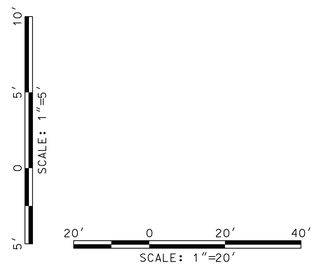
PAVING AND GRADING PLAN

DIVISION CHIEF
DATE
FILE
SHEET 16 OF 88

$PENTBL$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	17	88





HP–01

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

ROADWAY PROFILE
S STREET, N.W.
CENTERLINE

PROJECT ENG.	TW
DESIGNED BY	IN
CHECKED BY	
DRAWN BY	IN
PROJECT MGR.	LM

DIVISION CHIEF

DATE

FILE

SHEET 17 OF 88

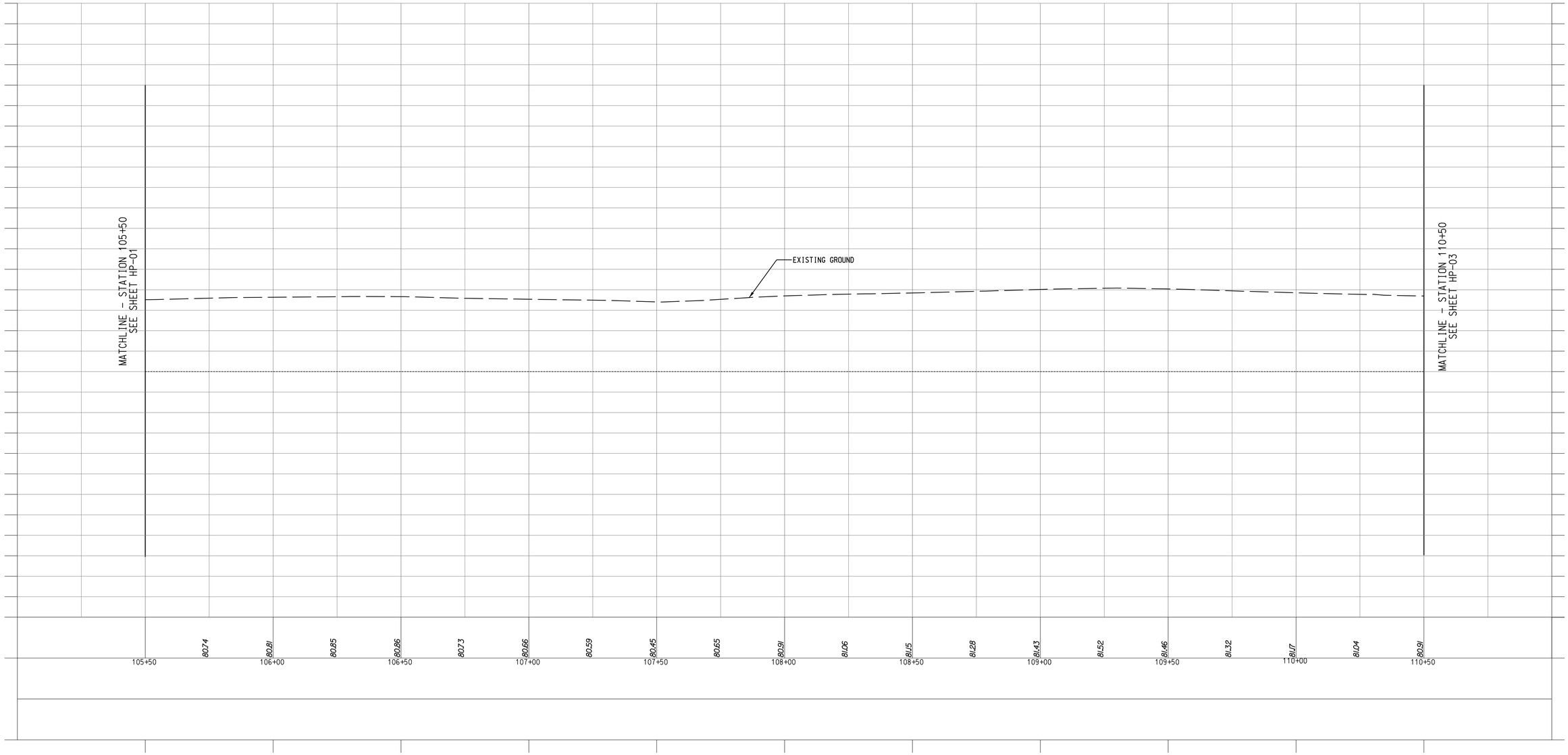
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

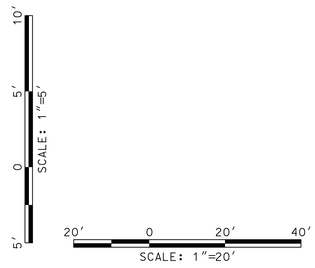
NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\lngogo\documents\bw-amt-01\dms377161\pHP-P001-SSTNW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	18	88





HP-02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

ROADWAY PROFILE
S STREET, N.W.
CENTERLINE

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 18 OF 88

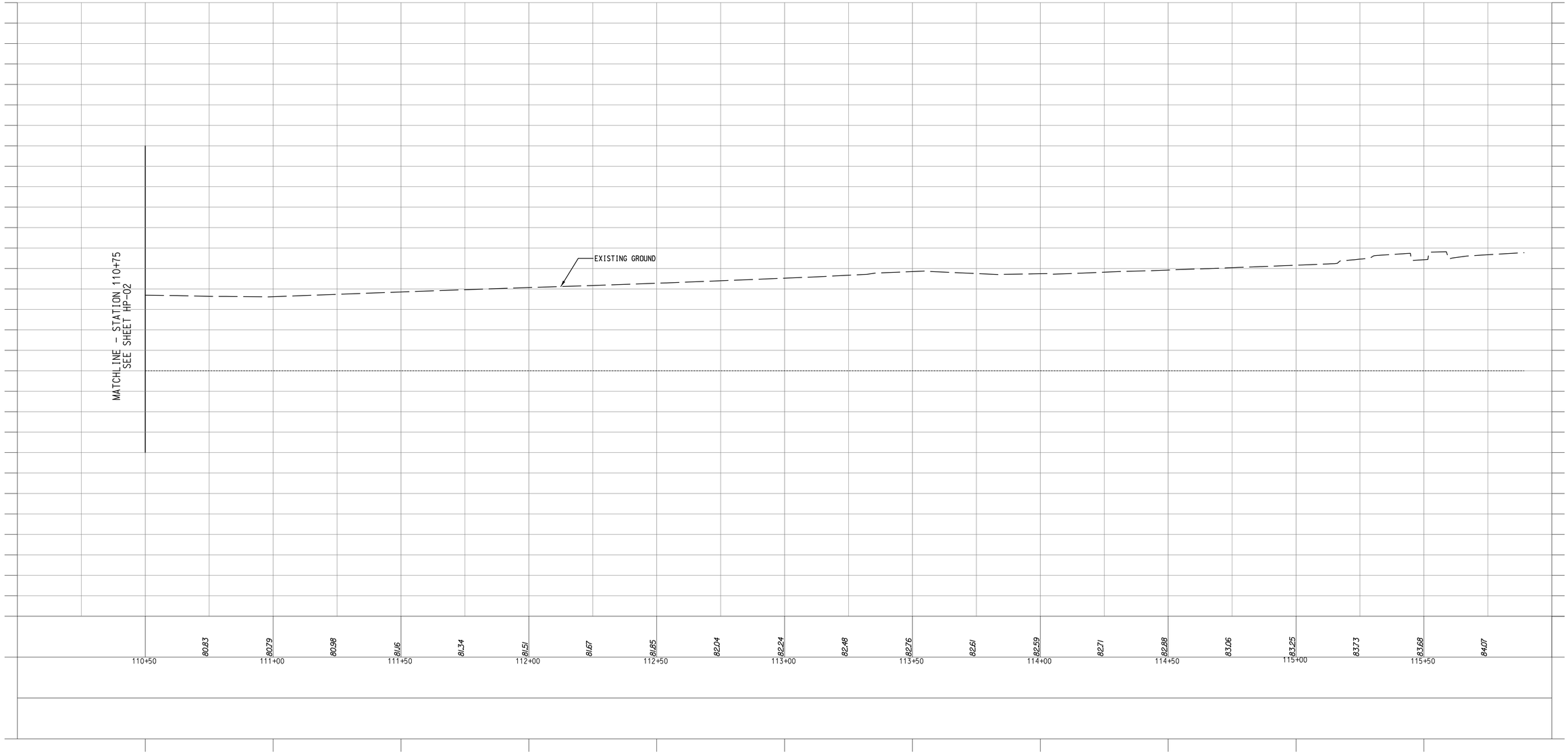
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

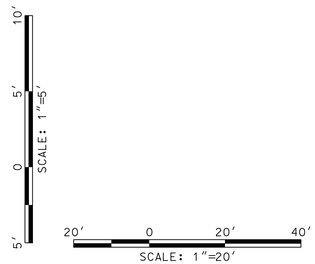
NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\pw-am1-01\dms377116\pHP-P002_SS1NW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	19	88





HP-03

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

ROADWAY PROFILE
S STREET, N.W.
CENTERLINE

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 19 OF 88

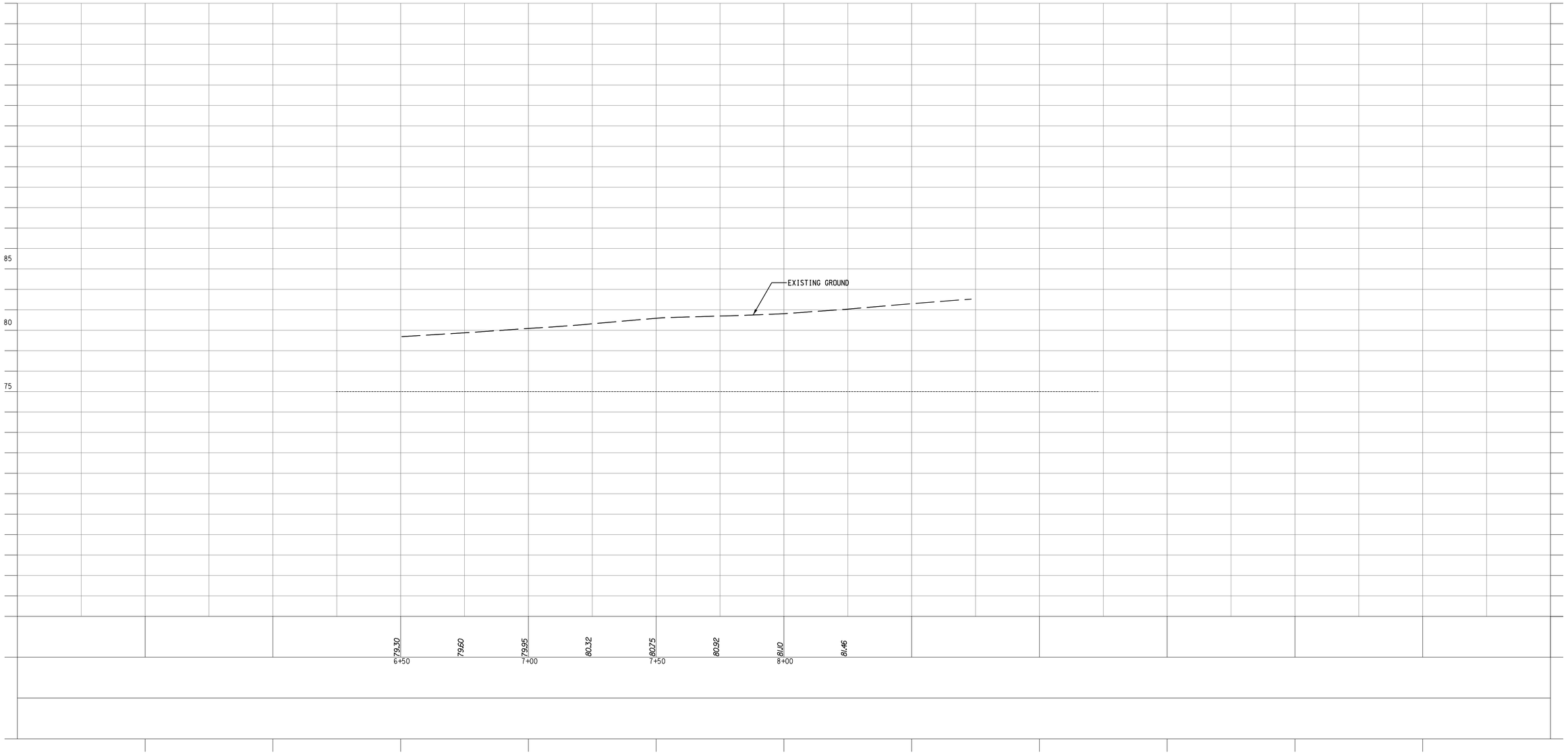
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

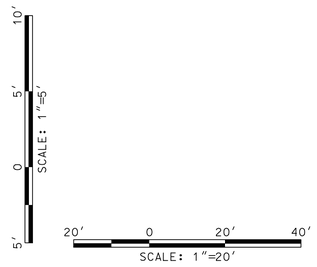
NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\pw-am1-01\dms37716\pHP-P003_SSTNW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	20	88





HP–04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

ROADWAY PROFILE
6TH STREET, N.W.
CENTERLINE

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 20 OF 88

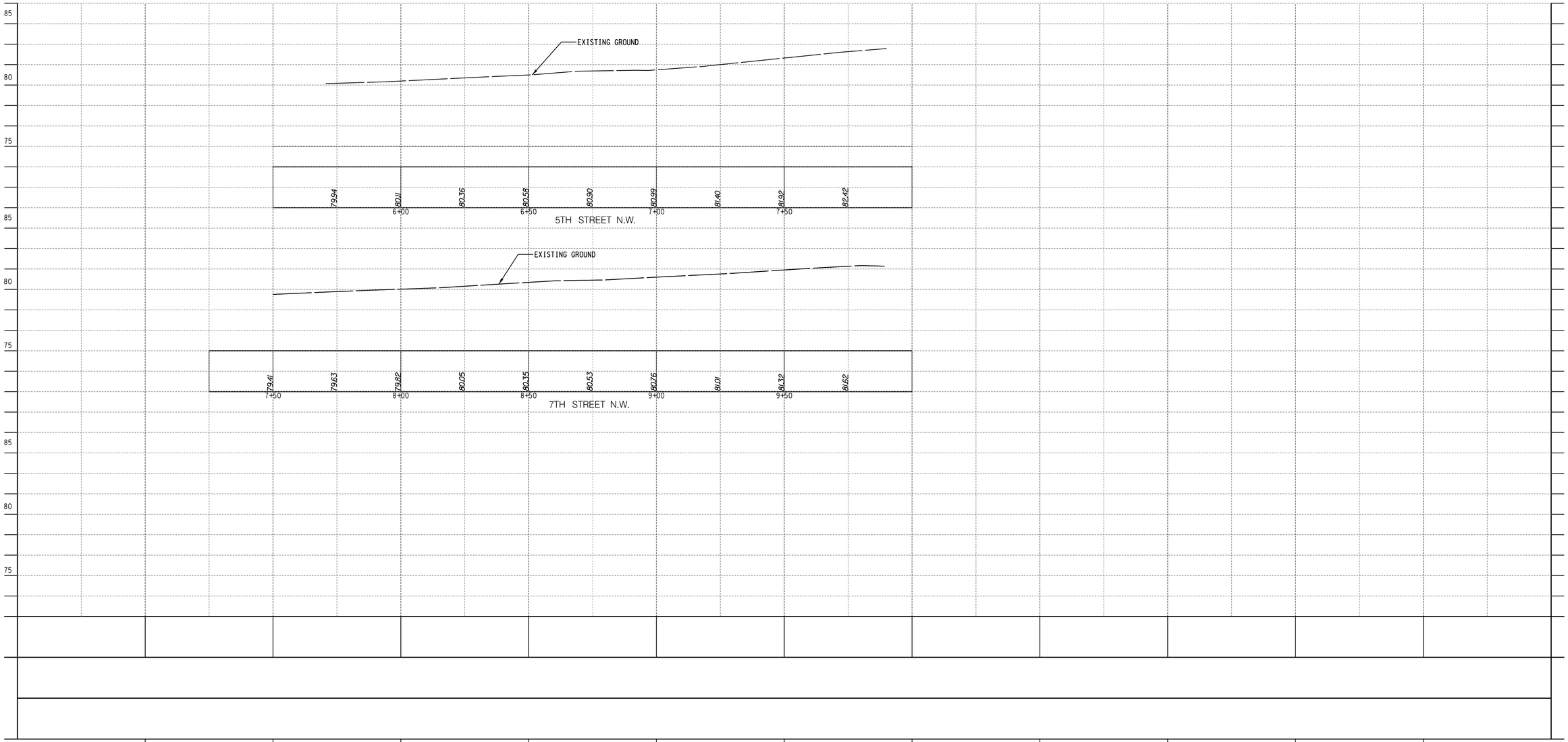
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingogg\documents\pw-amt-01\dms377l6\pHP-P004_SStNW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	21	88



$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

10′ 5′ 0 5′ SCALE: 1″=5′

20′ 0 20′ 40′ SCALE: 1″=20′

HP–05

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

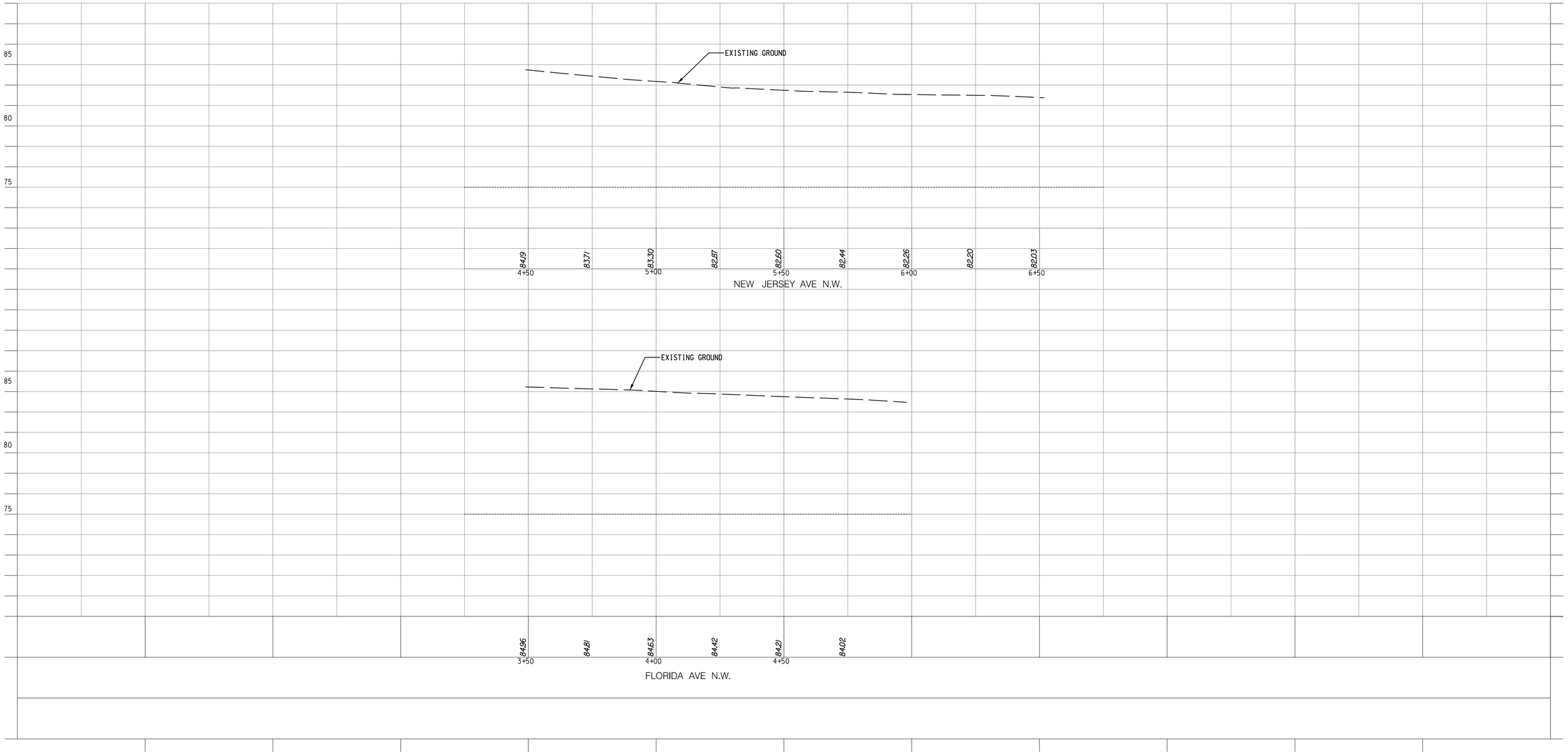
ROADWAY PROFILE
5TH ST, 7TH ST & RHODE ISLAND AVE
CENTERLINE

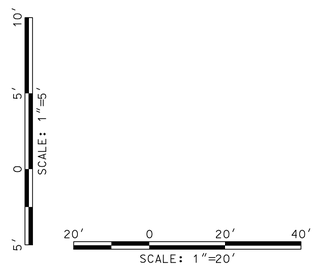
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE
FILE
SHEET 21 OF 88

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	22	88





HP–06

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

ROADWAY PROFILE
NEW JERSEY AVE NW & FLORIDA AVE NW
CENTERLINE

DIVISION CHIEF
DATE
FILE
SHEET 22 OF 88

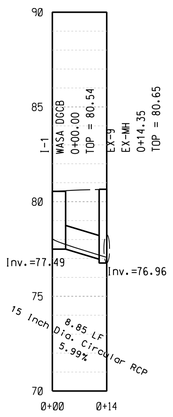
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

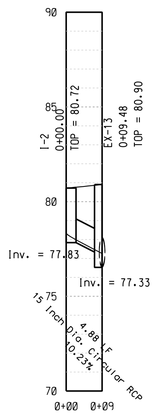
NO.	DESCRIPTION	NAME	DATE

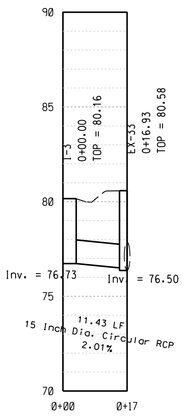
REVISIONS

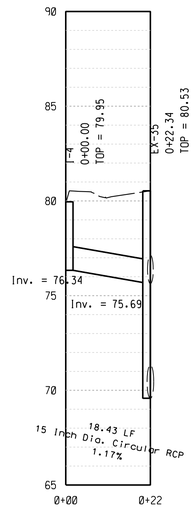
c:\users\ingogg\documents\pw-am1-01\dms377161\pHP-P006_SStNW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PLTDRVS$
$PENTBLS$

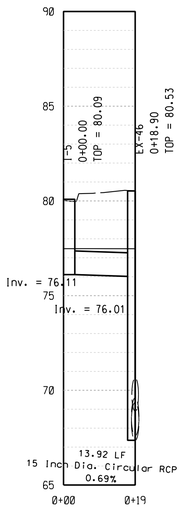
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	23	88

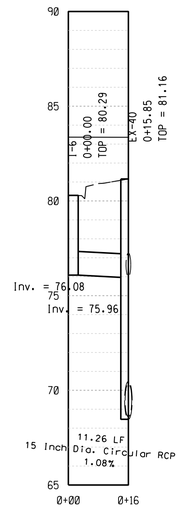


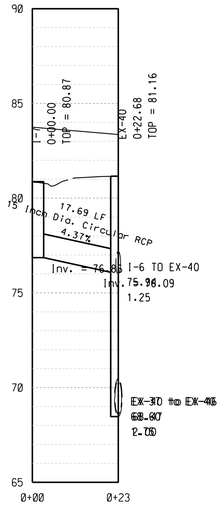


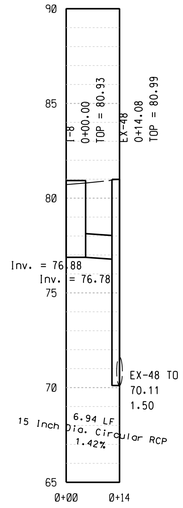


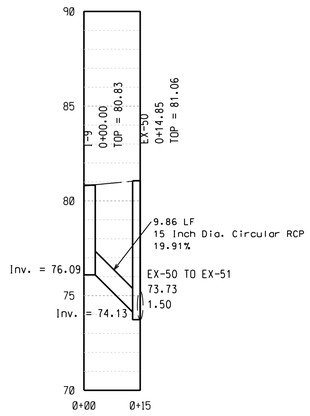


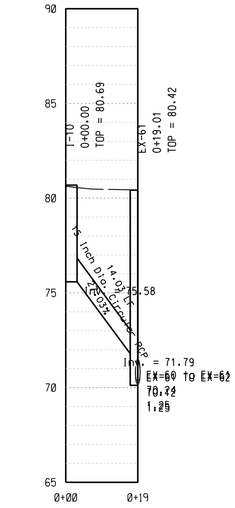


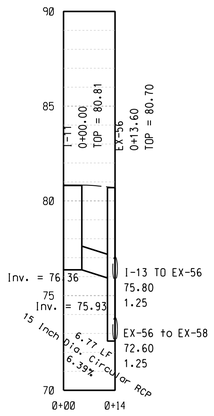


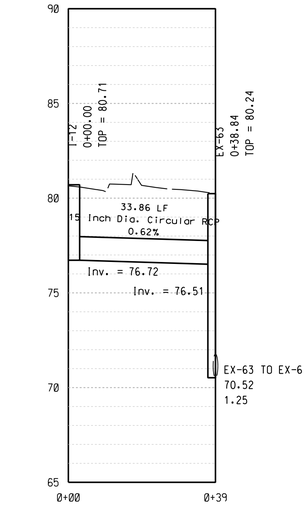


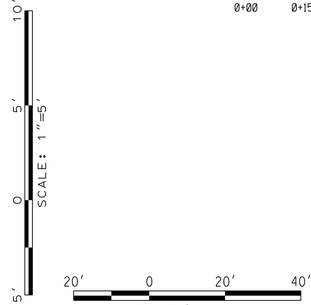












DP–01

c:\users\twells\documents\pw-amt-0\dms37716\pDP-POOL_SS+NW.dgn
Monday, August 10, 2020 AT 11:07 PM
$PENTBLS$
$PLTDRVS$

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

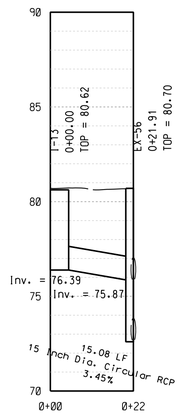
S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

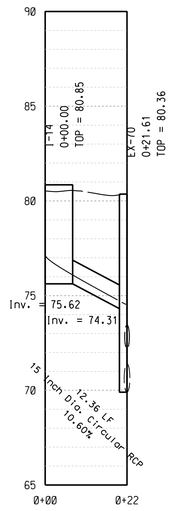
DRAINAGE PROFILES

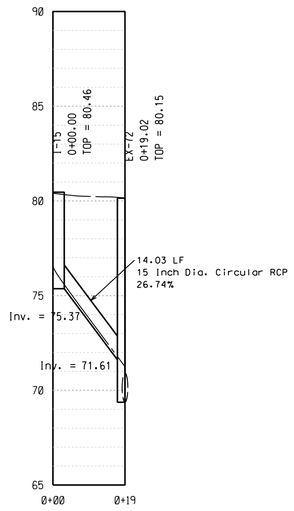
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

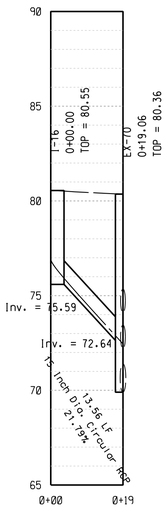
DIVISION CHIEF
DATE
FILE
SHEET 23 OF 88

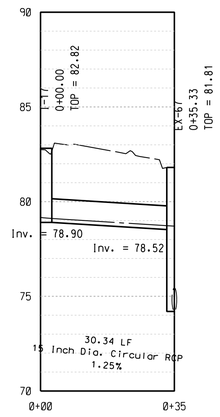
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	24	88

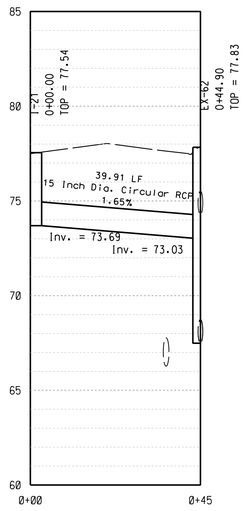


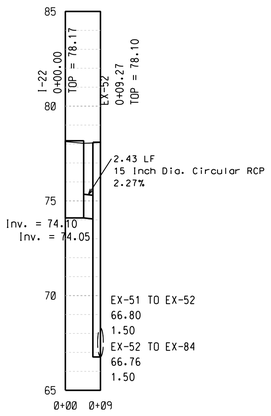


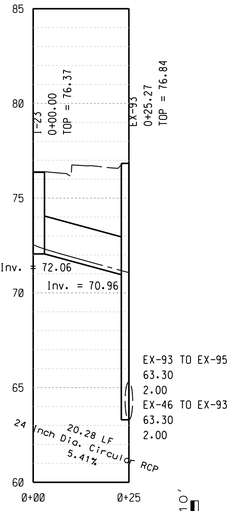


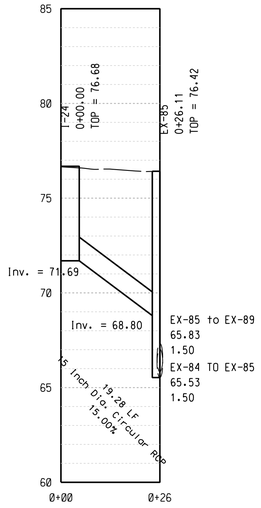


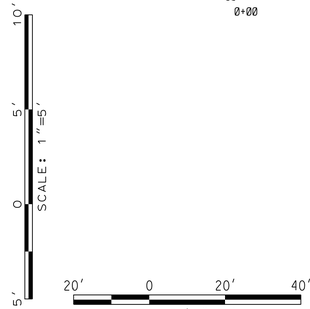












DP-02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

DRAINAGE PROFILES

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

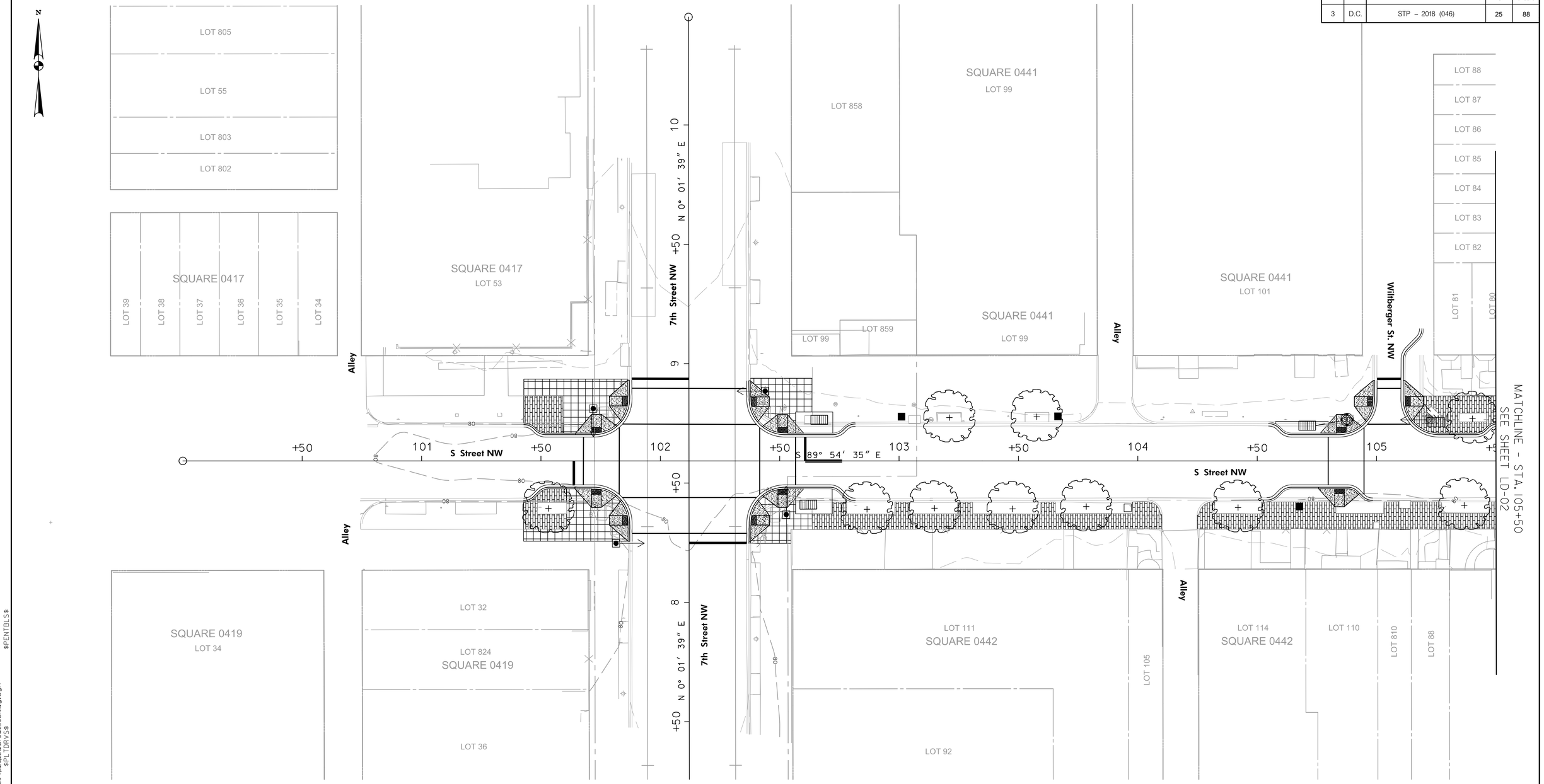
REVISIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 24 OF 88

c:\users\twells\documents\pw-amt-0\dms37716\pDP-P002_SS+NW.dgn
Monday, August 10, 2020 AT 11:10 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	25	88



LD–01

LEGEND

EXISTING TREE

PROPOSED TREE
ESTIMATED MINIMUM
SOIL VOLUMES 1,000 CY

STORMWATER PLANTING BED

TURFGRASS

MULCH

PLANTING SCHEDULE

QUANTITY	CATEGORY	SPACING	SIZE
0	TURFGRASS ESTABLISHMENT (SY)		
87	MULCH (SY)		
177	STORMWATER PERENNIALS	18" O.C.	
0	STREET TREE		2" CAL.

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

LANDSCAPE PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 25 OF 88

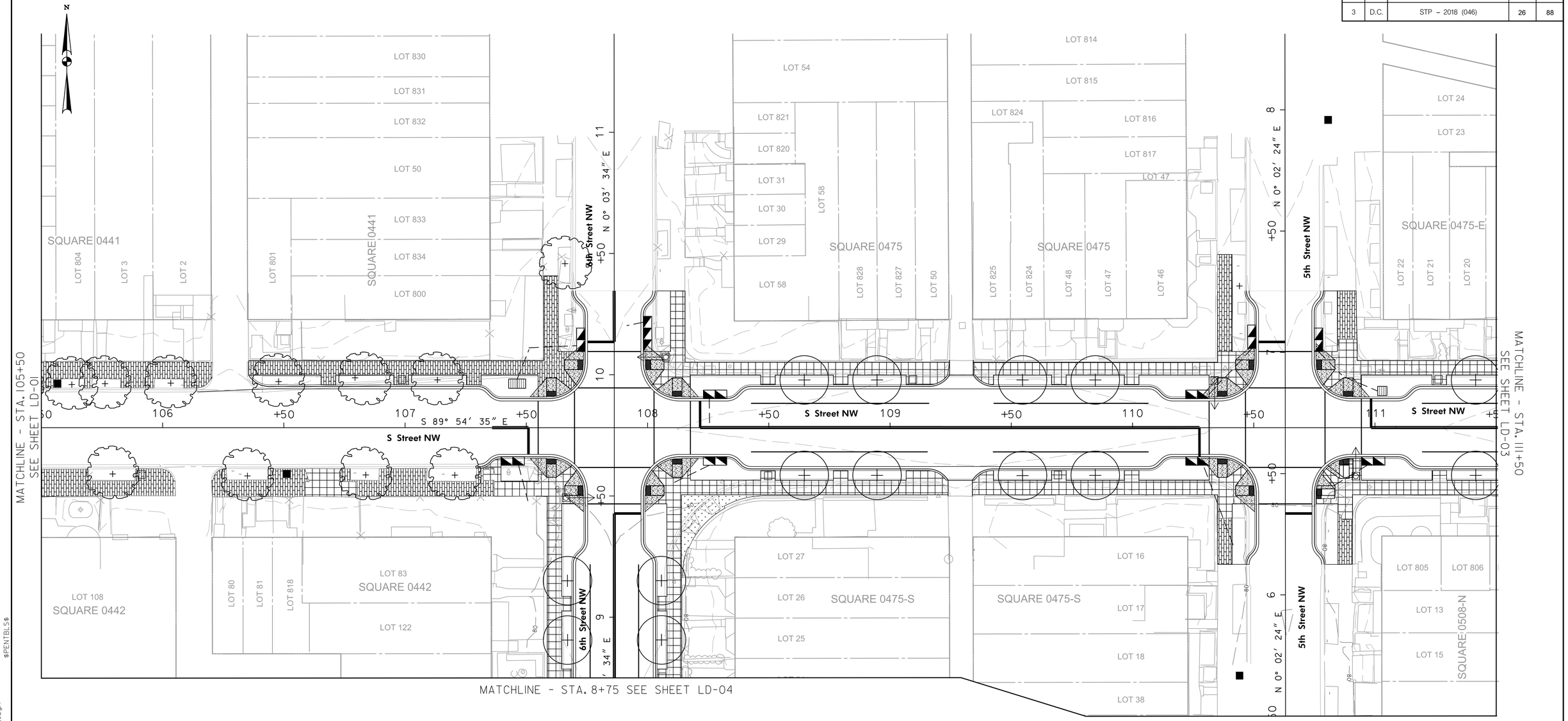
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

C:\Users\tw\Desktop\stp\cad\manifest\sw\pen\tw\thumbs\35761_10_LP00_LD01.dgn $PENTBL$
Monday, May 04, 2020 08:05:45 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	26	88



LEGEND

EXISTING TREE

PROPOSED TREE
ESTIMATED MINIMUM
SOIL VOLUMES 1,000 CY

STORMWATER PLANTING BED

TURFGRASS

MULCH

PLANTING SCHEDULE

QUANTITY	CATEGORY	SPACING	SIZE
33	TURFGRASS SOD (SY)		
178	MULCH (SY)		
1496	STORMWATER PERENNIALS	18" O.C.	
14	STREET TREE		2" CAL.

20′ 0 20′ 40′
SCALE: 1"=20′

LD–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

LANDSCAPE PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE
FILE
SHEET 26 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

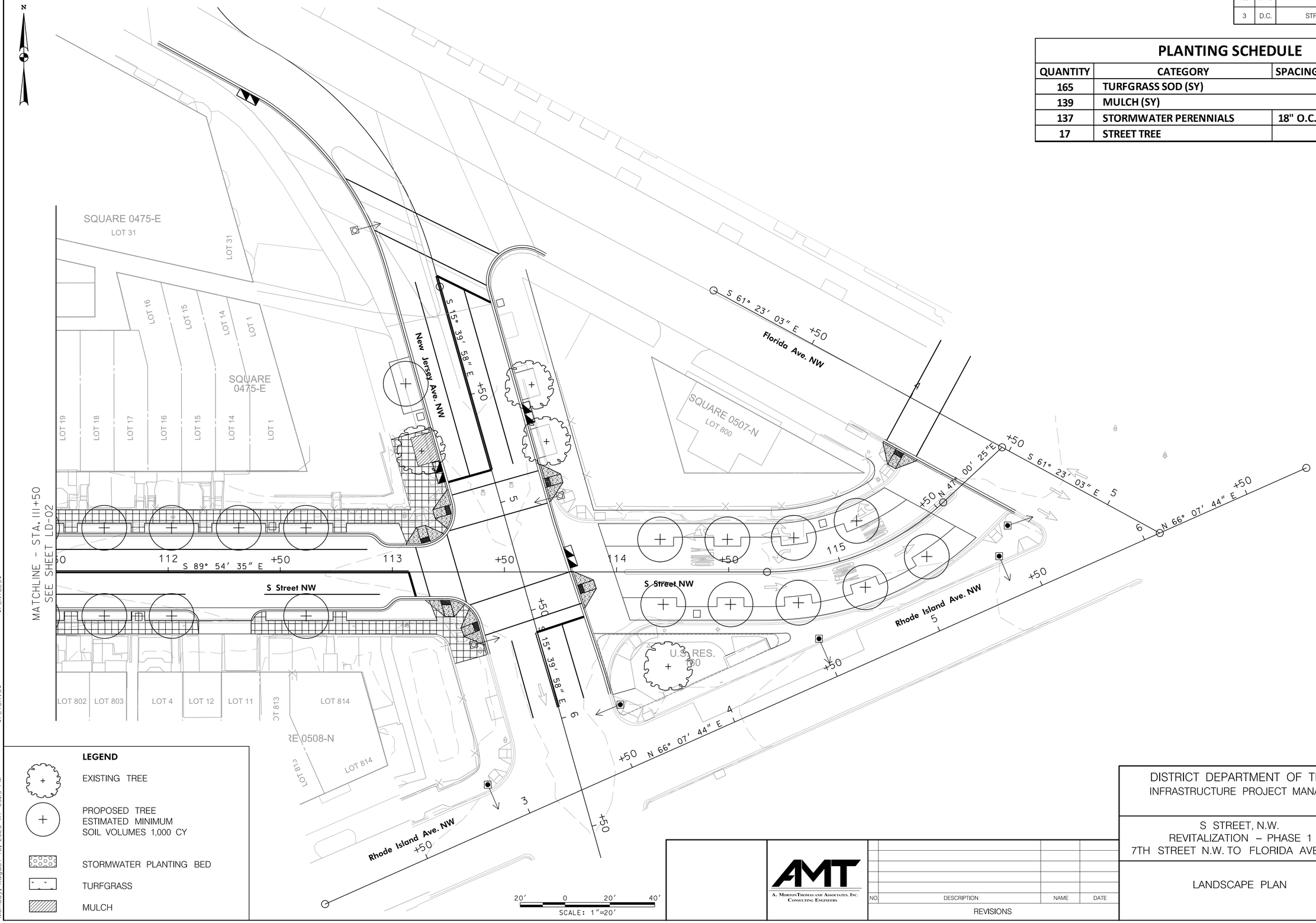
REVISIONS

c:\users\ingoga\documents\pw-amt-01\dms377161\pLD_P002_SS+NW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	27	88

PLANTING SCHEDULE

QUANTITY	CATEGORY	SPACING	SIZE
165	TURFGRASS SOD (SY)		
139	MULCH (SY)		
137	STORMWATER PERENNIALS	18" O.C.	
17	STREET TREE		2" CAL.



LEGEND

- EXISTING TREE
- PROPOSED TREE ESTIMATED MINIMUM SOIL VOLUMES 1,000 CY
- STORMWATER PLANTING BED
- TURFGRASS
- MULCH

LD–03

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

LANDSCAPE PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 27 OF 88

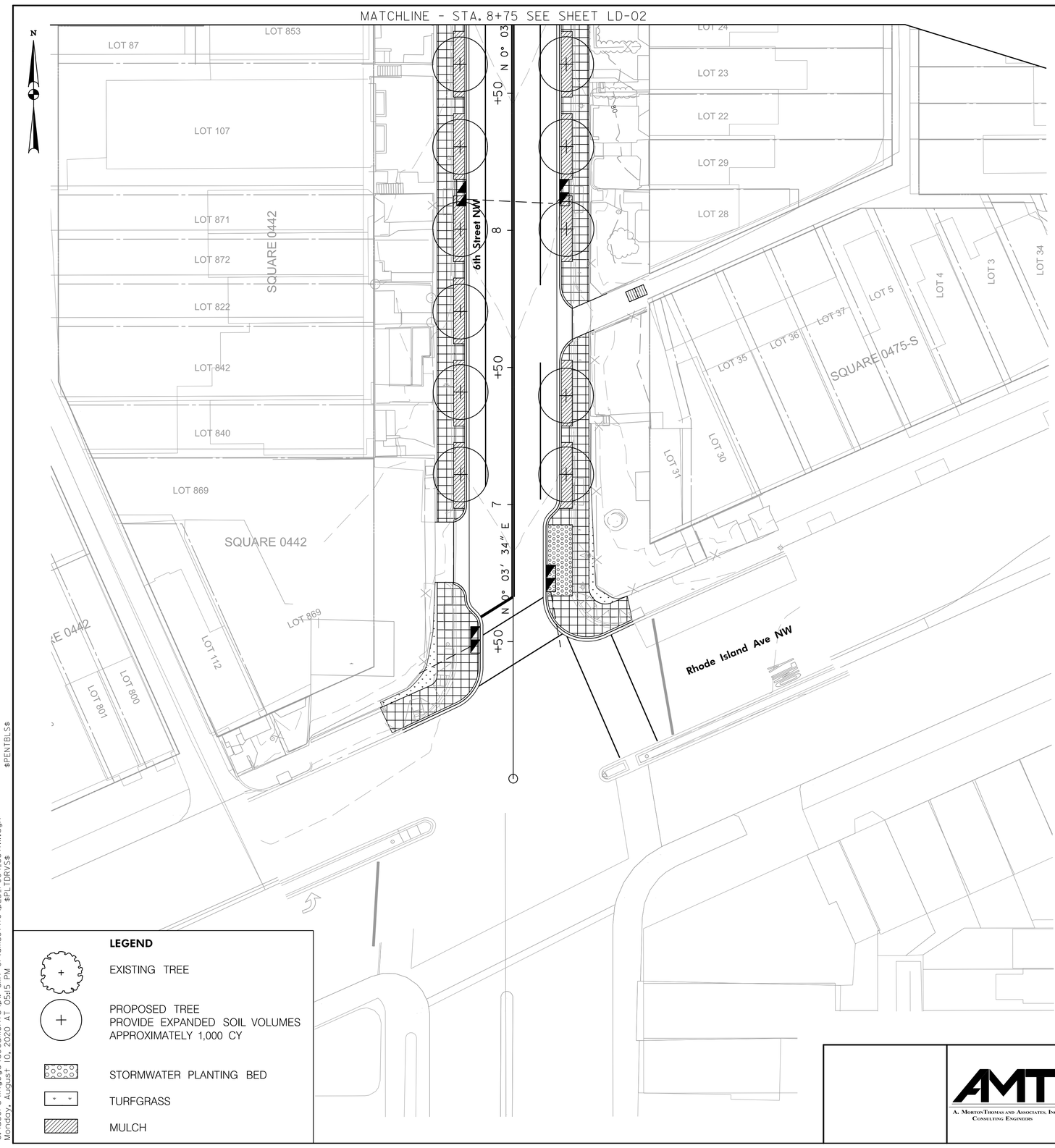
AMT
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\lngogo\documents\pw-am1-01\dms37716\pLD_P003_SStNW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	28	88



PLANTING SCHEDULE

QUANTITY	CATEGORY	SPACING	SIZE
27	TURFGRASS SOD (SY)		
117	MULCH (SY)		
104	STORMWATER PERENNIALS	18" O.C.	
11	STREET TREE		2" CAL.

MASTER PLANTING SCHEDULE

	LD-01	LD-02	LD-03	LD-04	TOTAL
CATEGORY					
TURFGRASS SOD (SY)	0	33	165	27	225
MULCH (SY)	87	178	139	117	
STORMWATER PERENNIALS	177	1496	137	104	1914
STREET TREE	0	14	17	11	42

20′ 0 20′ 40′
SCALE: 1″=20′

LD–04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

LANDSCAPE PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 28 OF 88

AMT
A. Morton Thomas and Associates, Inc.
Consulting Engineers

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingogo\documents\pw-amt-01\dms377116\pLD_P004_SSTNW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	29	88

N

N 454450
E 1306000

N 0° 01′ 39″ E

7TH ST NW

+50

9

10

N 454450
E 1306350

WILTBERGER ST NW

+50 101 +50 102 +50 103 +50 104 +50 105 +50

S 89° 54′ 35″ E

S ST NW

S ST NW

MATCHLINE – STATION 105+50
SEE SHEET PM–02

PM–01

E 1306000
N 454150

7TH ST NW

N 0° 01′ 39″ E

8

+50

20′ 0 20′ 40′
SCALE: 1″=20′

c:\users\lngoga\documents\pw-gmt-01\dms37716\pSN=E001_SS+NW.dgn
Monday, August 10, 2020 AT 05:15 PM

$PENTBLS$
$PLTDRVS$

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING PAVEMENT MARKING & SIGNING
STATION 100+00 TO STATION 105+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 29 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	30	88



PM–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING PAVEMENT MARKING & SIGNING
STATION 105+50 TO STATION 111+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 30 OF 88

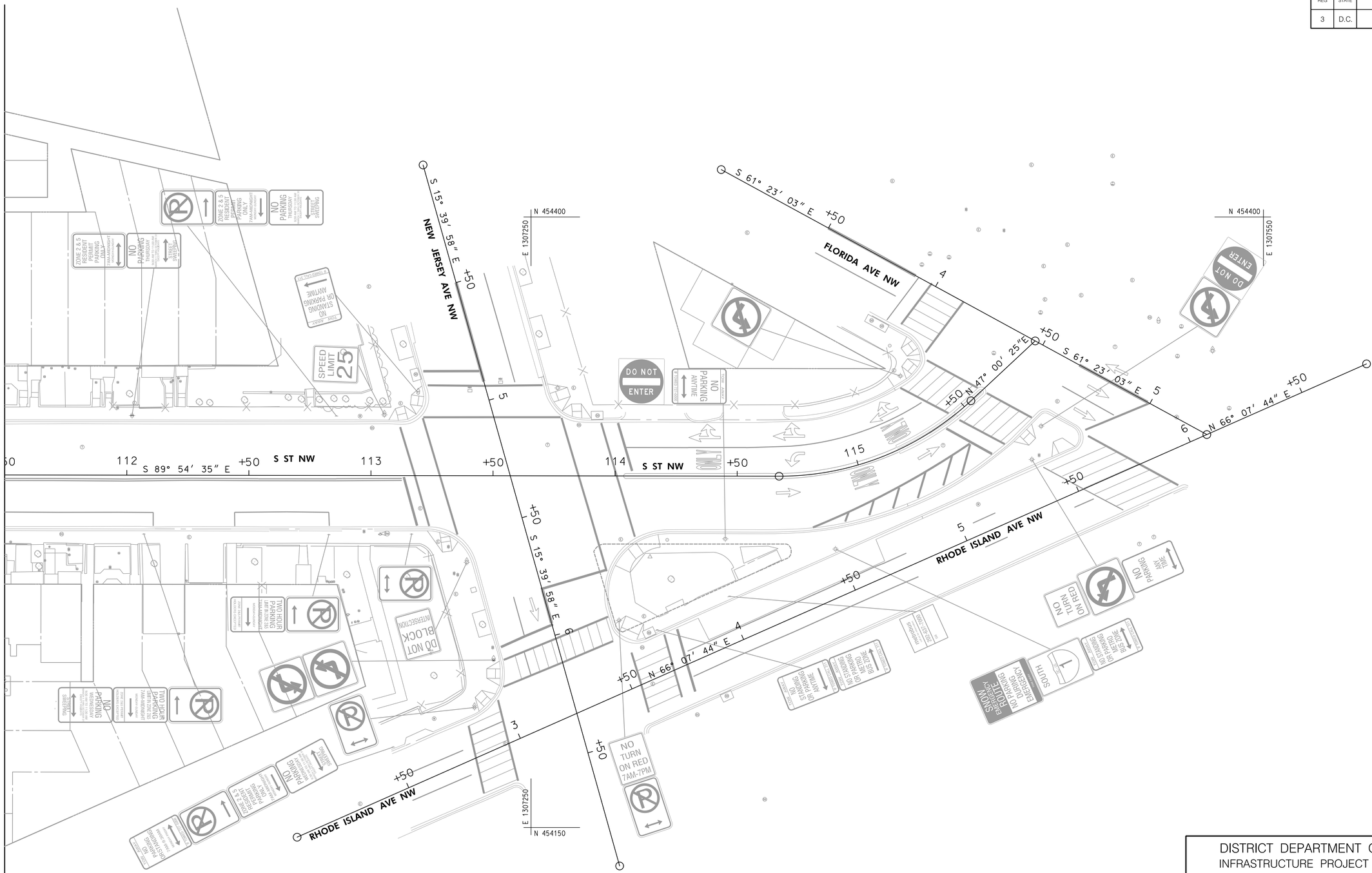
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\lngoga\documents\pw-am1-01\dms377161\pSN-E002_SSTNW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	31	88



20′ 0 20′ 40′
SCALE: 1″=20′

PM–03

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

EXISTING PAVEMENT MARKING & SIGNING
STATION 111+50 TO STATION 115+77.66

DIVISION CHIEF
DATE
FILE
SHEET 31 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\dw-amt-01\dms377116\pSN-E003_SS+NW.dgn
Monday, August 10, 2020 AT 05:15 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	32	88

MATCHLINE – STATION 8+75
SEE SHEET PM–02



20′ 0 20′ 40′
SCALE: 1″=20′

PM–04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 32 OF 88

EXISTING PAVEMENT MARKING & SIGNING
STATION 5+00 TO STATION 5+50

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

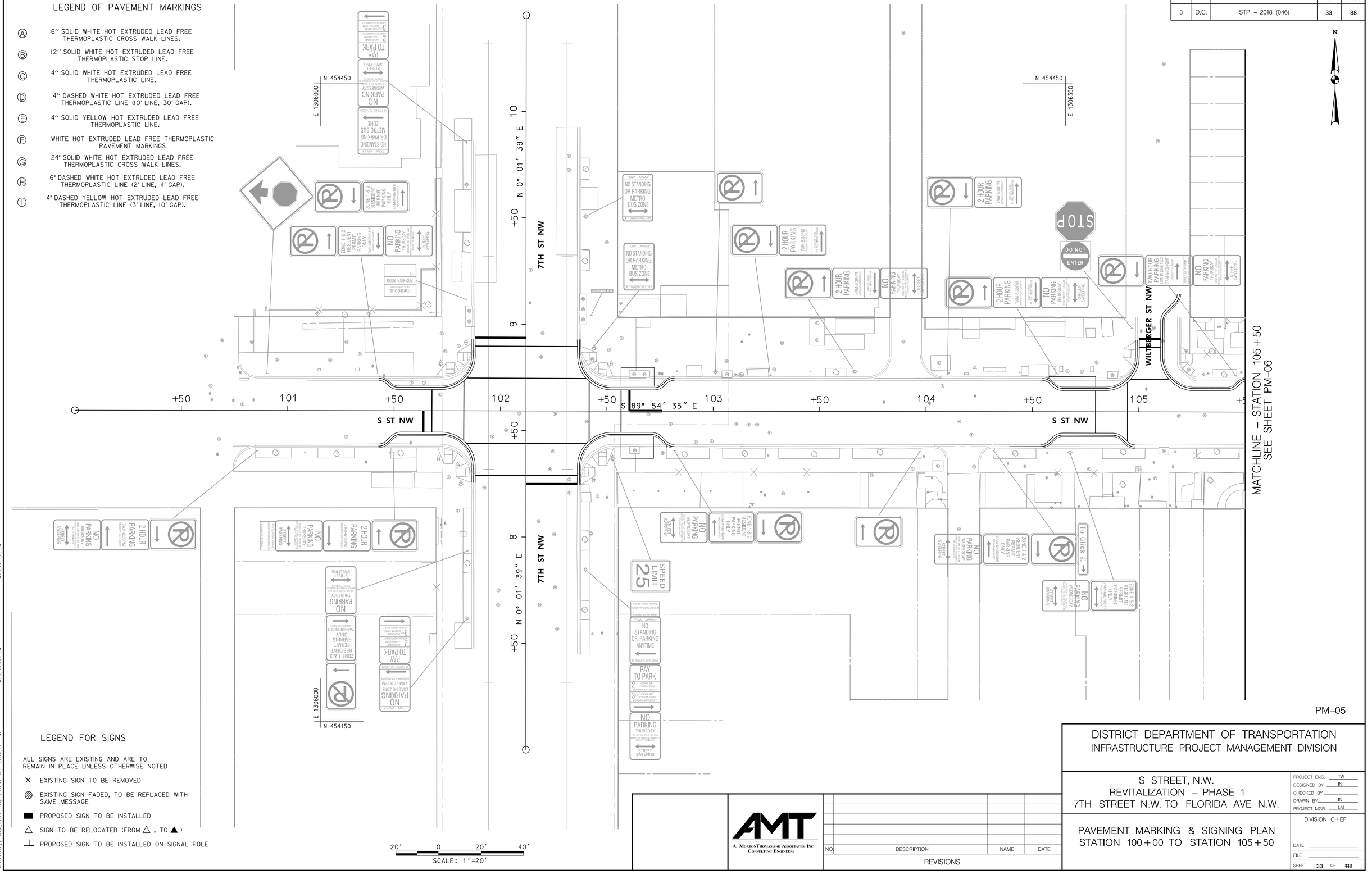
REVISIONS

$FILE$
$DATE$
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	33	88

LEGEND OF PAVEMENT MARKINGS

- Ⓐ 6" SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC CROSS WALK LINES.
- Ⓑ 12" SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC STOP LINE.
- Ⓒ 4" SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE.
- Ⓓ 4" DASHED WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (10' LINE, 30' GAP).
- Ⓔ 4" SOLID YELLOW HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE.
- Ⓕ WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS
- Ⓖ 24" SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC CROSS WALK LINES.
- Ⓗ 6" DASHED WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (2' LINE, 4' GAP).
- Ⓘ 4" DASHED YELLOW HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (3' LINE, 10' GAP).



PM–05

LEGEND FOR SIGNS

ALL SIGNS ARE EXISTING AND ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED

- × EXISTING SIGN TO BE REMOVED
- ▨ EXISTING SIGN FADED, TO BE REPLACED WITH SAME MESSAGE
- ■ PROPOSED SIGN TO BE INSTALLED
- △ SIGN TO BE RELOCATED (FROM △ , TO ▲)
- ⊥ PROPOSED SIGN TO BE INSTALLED ON SIGNAL POLE

20' 0 20' 40'
SCALE: 1"=20'

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PAVEMENT MARKING & SIGNING PLAN
STATION 100+00 TO STATION 105+50

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

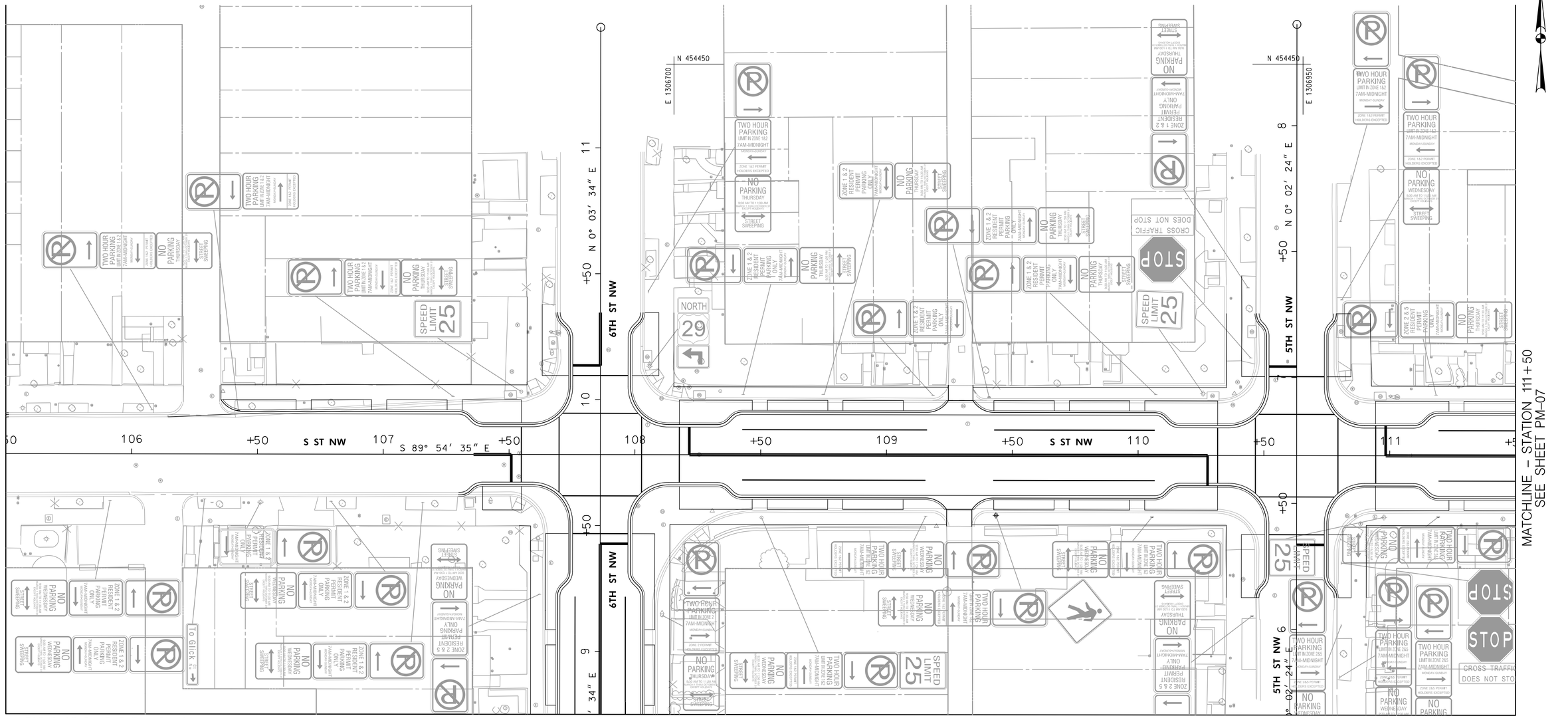
REVISIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 33 OF 88

c:\users\ingoga\documents\pw-am+-0\dms37716\pSN-P001_SSTNW.dgn
Monday, August 10, 2020 AT 06:20 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	34	88



LEGEND OF PAVEMENT MARKINGS

- Ⓐ 6″ SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC CROSS WALK LINES.
- Ⓑ 12″ SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC STOP LINE.
- Ⓒ 4″ SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE.
- Ⓓ 4″ DASHED WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (10′ LINE, 30′ GAP).
- Ⓔ 4″ SOLID YELLOW HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE.
- Ⓕ WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS
- Ⓖ 24″ SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC CROSS WALK LINES.
- Ⓗ 6″ DASHED WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (2′ LINE, 4′ GAP).
- Ⓘ 4″ DASHED YELLOW HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (3′ LINE, 10′ GAP).

LEGEND FOR SIGNS

ALL SIGNS ARE EXISTING AND ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED

- × EXISTING SIGN TO BE REMOVED
- ▨ EXISTING SIGN FADED, TO BE REPLACED WITH SAME MESSAGE
- ■ PROPOSED SIGN TO BE INSTALLED
- △ SIGN TO BE RELOCATED (FROM △ , TO ▲)
- ⊥ PROPOSED SIGN TO BE INSTALLED ON SIGNAL POLE

20′ 0 20′ 40′
SCALE: 1″=20′

PM-06

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PAVEMENT MARKING & SIGNING PLAN
STATION 105+50 TO STATION 111+50

PROJECT ENG.	TW
DESIGNED BY	IN
CHECKED BY	
DRAWN BY	IN
PROJECT MGR.	LM

DIVISION CHIEF
DATE
FILE
SHEET 34 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

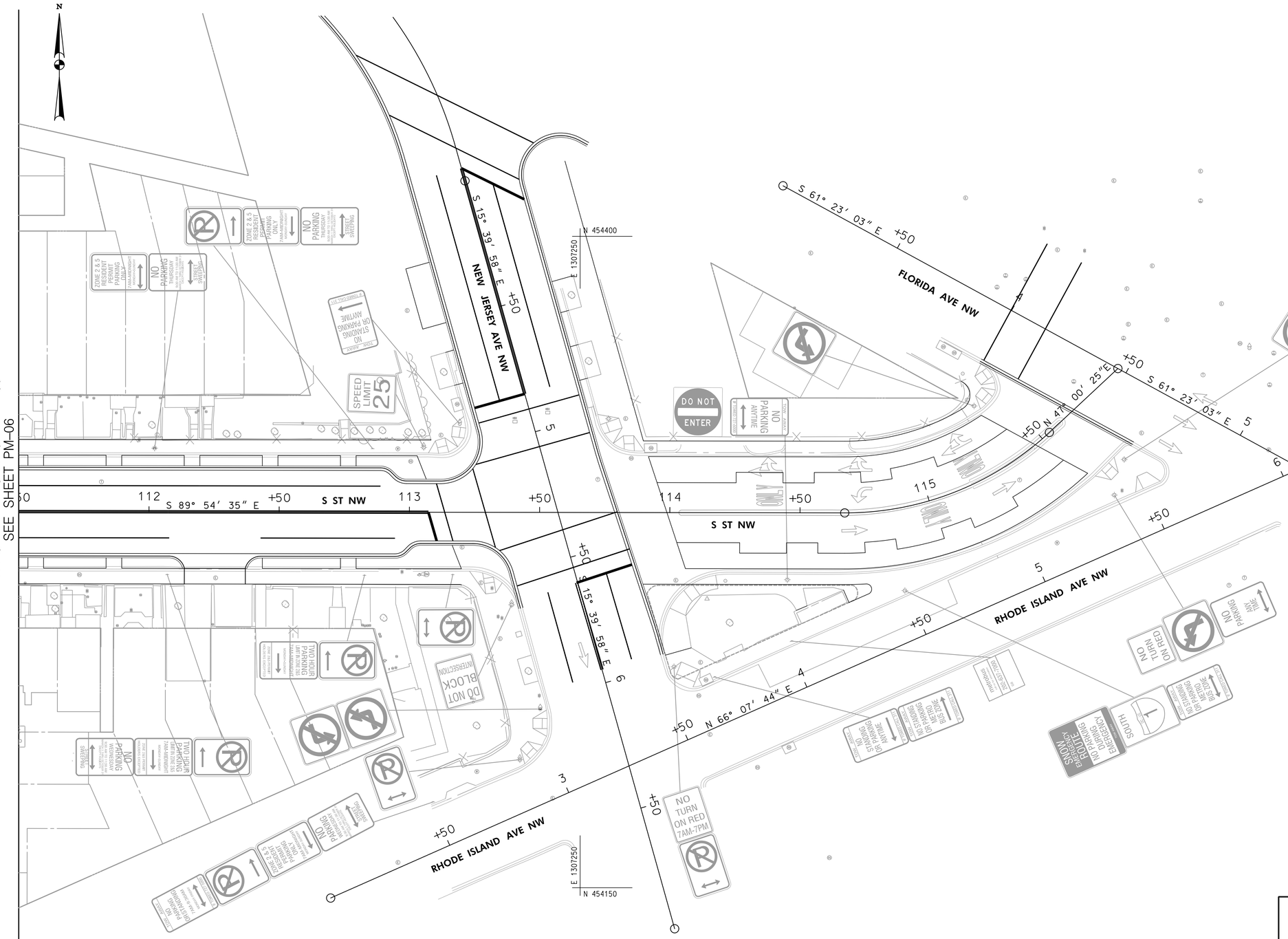
c:\users\lngoga\documents\pw-am1-01\dms377161\pSN-P002_SS1NW.dgn
Monday, August 10, 2020 AT 06:20 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	35	88

LEGEND FOR SIGNS

ALL SIGNS ARE EXISTING AND ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED

- × EXISTING SIGN TO BE REMOVED
- ▨ EXISTING SIGN FADED, TO BE REPLACED WITH SAME MESSAGE
- ■ PROPOSED SIGN TO BE INSTALLED
- △ SIGN TO BE RELOCATED (FROM △ , TO ▲)
- ⊥ PROPOSED SIGN TO BE INSTALLED ON SIGNAL POLE


N
MATCHLINE – STATION 111+50
SEE SHEET PM-06
S 15° 39′ 58″ E +50
NEW JERSEY AVE NW
N 454400
E 1307250
S 61° 23′ 03″ E +50
FLORIDA AVE NW
N 454400
E 1307550
ZONE 2 & 5 RESIDENT PERMIT PARKING 7AM-MIDNIGHT
NO PARKING THURSDAY 8AM TO 10AM 1ST AND 3RD THURSDAY STREET SWEEPING
SPEED LIMIT 25
DO NOT ENTER
NO PARKING ANYTIME
DO NOT ENTER
112
S 89° 54′ 35″ E +50
S ST NW
113
114
115
S ST NW
+50
+50
+50

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	36	88

MATCHLINE – STATION 8+75
SEE SHEET PM–06



20′ 0 20′ 40′
SCALE: 1″=20′

LEGEND FOR SIGNS

ALL SIGNS ARE EXISTING AND ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED

- × EXISTING SIGN TO BE REMOVED
- ▨ EXISTING SIGN FADED, TO BE REPLACED WITH SAME MESSAGE
- ■ PROPOSED SIGN TO BE INSTALLED
- △ SIGN TO BE RELOCATED (FROM △ , TO ▲)
- ⊥ PROPOSED SIGN TO BE INSTALLED ON SIGNAL POLE

LEGEND OF PAVEMENT MARKINGS

- Ⓐ 6″ SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC CROSS WALK LINES.
- Ⓑ 12″ SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC STOP LINE.
- Ⓒ 4″ SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE.
- Ⓓ 4″ DASHED WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (10′ LINE, 30′ GAP).
- Ⓔ 4″ SOLID YELLOW HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE.
- Ⓕ WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS
- Ⓖ 24" SOLID WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC CROSS WALK LINES.
- Ⓗ 6" DASHED WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (2′ LINE, 4′ GAP).
- Ⓘ 4" DASHED YELLOW HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (3′ LINE, 10′ GAP).

PM–08

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

PAVEMENT MARKING & SIGNING PLAN
STATION 5+00 TO STATION 5+50

DIVISION CHIEF
DATE
FILE

SHEET 36 OF 88

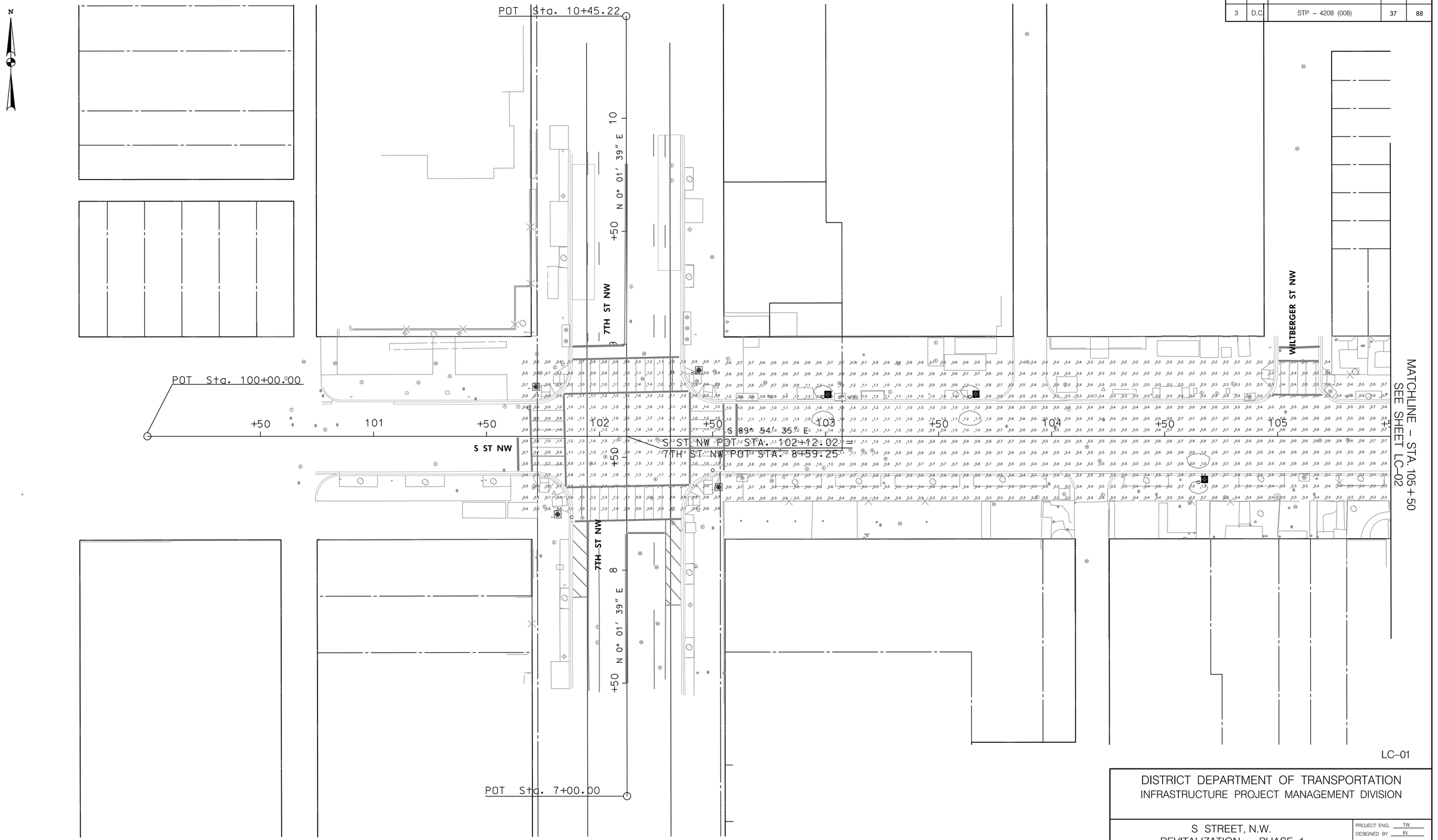
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$FILE$
$DATE$
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	37	88



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
7th and S	1.3	2.6	0.6	4.3:1	2.2:1
7th to 6th	0.6	2.7	0.1	27.0:1	6.0:1

20′ 0 20′ 40′
SCALE: 1″=20′

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

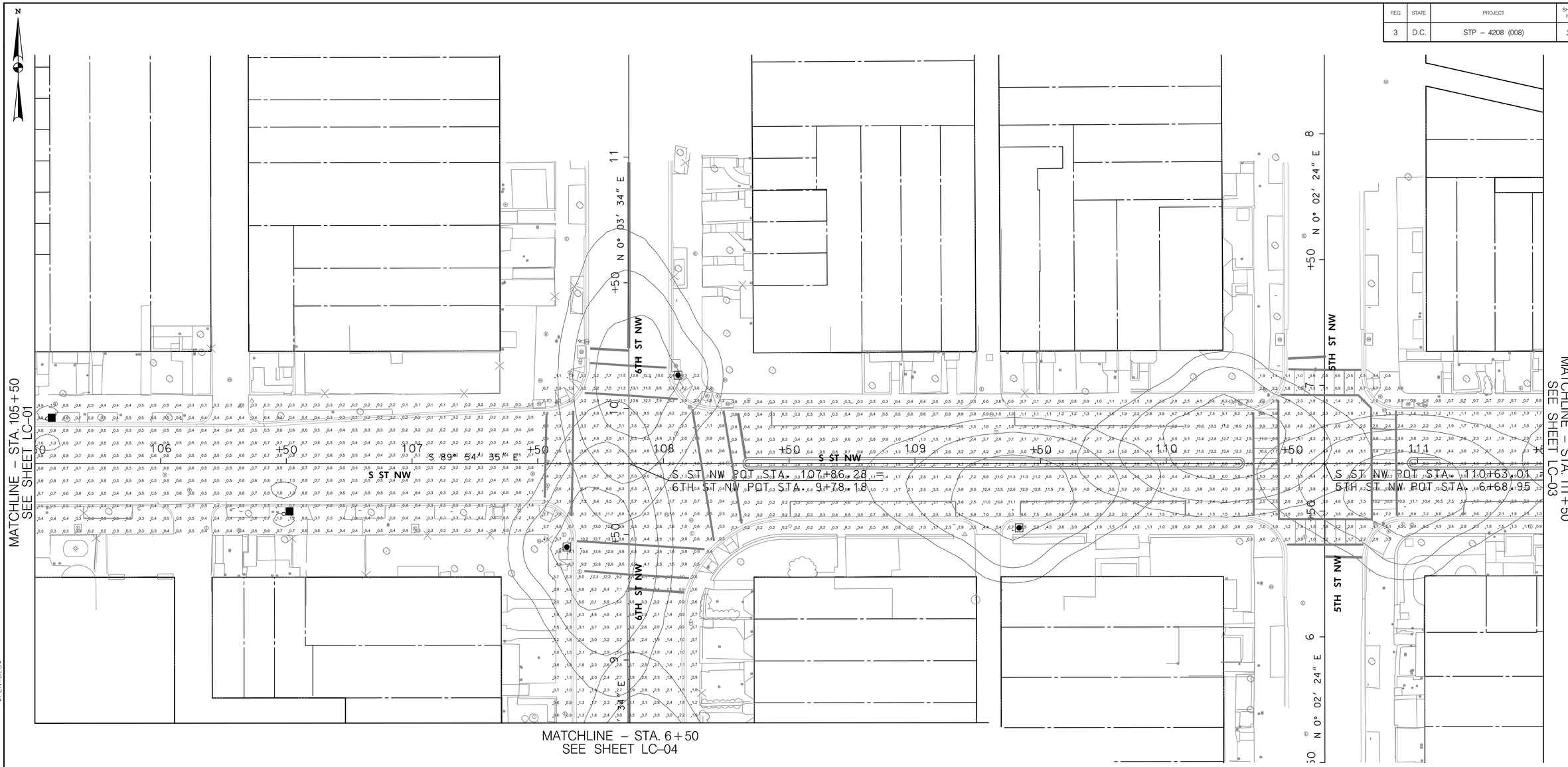
EXISTING LIGHTING CALCULATIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 37 OF 88

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	38	88



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
6th and S	5.1	15.9	0.3	53.0:1	17.0:1
5th and S	4.8	15.4	0.5	30.8:1	9.6:1
6th to 5th	2.9	15.2	0.2	76.0:1	14.5:1
5th to New Jersey	3.5	15	0.4	37.5:1	8.8:1

20′ 0 20′ 40′
SCALE: 1″=20′

LC–02

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING LIGHTING CALCULATIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 38 OF 88

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	39	88

N

MATCHLINE – STA. 111+50
SEE SHEET LC-02

POT Sta. 4+00.00

S 15° 39' 58" E +50

NEW JERSEY AVE NW

S 89° 54' 35" E +50

S ST NW

POT Sta. 3+00.00

S 61° 23' 03" E +50

FLORIDA AVE NW

S ST NW POT STA. 115+89.58 =
FLORIDA AVE NW POT STA. 4+46.47

EQUATION:
Sta 115+89.58 BK =
Sta 115+77.66 AH

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 5+32.18

PT Sta. 115+53.62

PC Sta. 114+67.15

N 44° 00' 25" E +50

S 61° 23' 03" E +50

POT Sta. 6+78.96

N 66° 07' 44" E +50

EQUATION:
Sta 5+26.55 BK =
Sta 5+79.18 AH

RHODE ISLAND AVE NW POT STA. 6+7.43 =
FLORIDA AVE NW POT STA. 5+26.55

RHODE ISLAND AVE NW

N 66° 07' 44" E +50

RHODE ISLAND AVE NW POT STA. 3+25.29 =
NEW JERSEY AVE NW POT STA. 6+33.23

S 15° 39' 58" E +50

NEW JERSEY AVE NW

RHODE ISLAND AVE NW

POT Sta. 6+98.13

POT Sta. 2+00.00

LC–03

Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
5th to New Jersey	3.5	15	0.4	37.5:1	8.8:1
New Jersey to Florida	3.5	14.2	0.1	142.0:1	35.0:1
S to Florida	4.6	15.4	0.5	30.8:1	9.2:1
S and New Jersey	5.6	16.6	0.1	166.0:1	56.0:1

20′ 0 20′ 40′
SCALE: 1"=20′

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

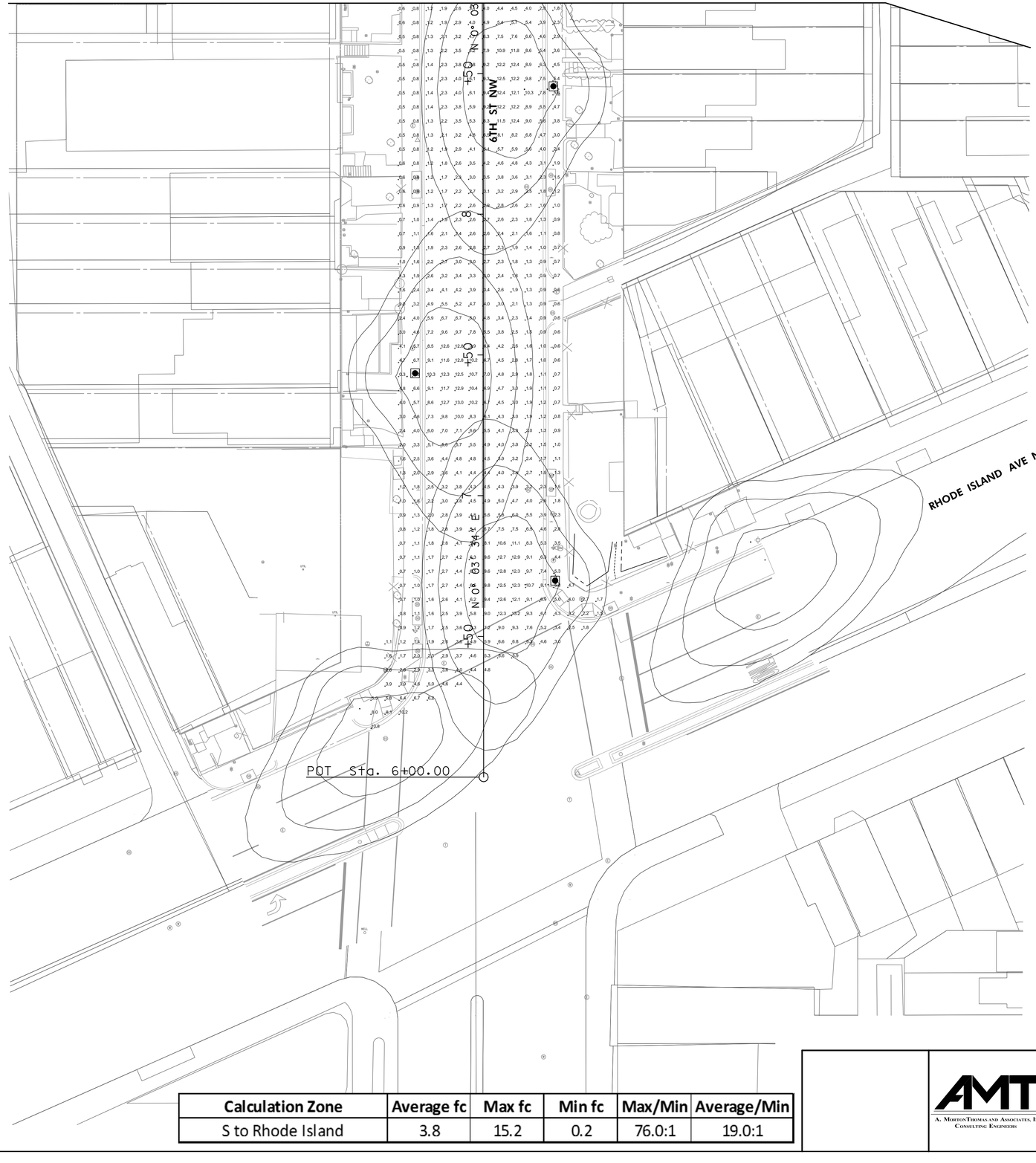
EXISTING LIGHTING CALCULATIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 39 OF 88

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

MATCHLINE – STA. 6+50 SEE SHEET LC–02



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
S to Rhode Island	3.8	15.2	0.2	76.0:1	19.0:1

20′ 0 20′ 40′
SCALE: 1″=20′

LC–04

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	40	88

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING LIGHTING CALCULATIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 40 OF 88

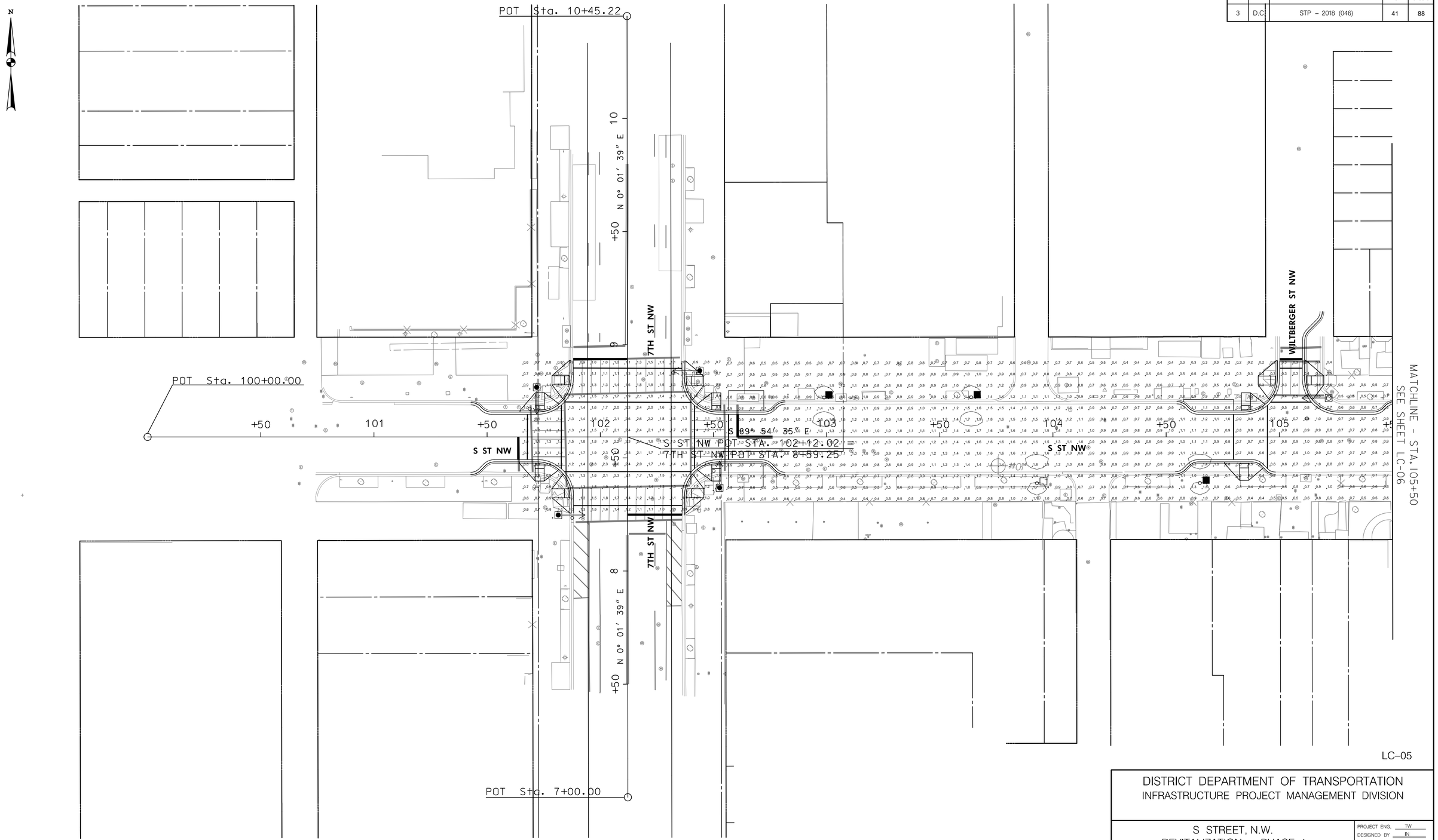
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$FILE$
$DATE$
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	41	88



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
7th and S	1.3	2.6	0.6	4.3:1	2.2:1
7th to 6th	0.8	1.9	0.2	9.5:1	4.0:1

20′ 0 20′ 40′
SCALE: 1″=20′

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROPOSED LIGHTING CALCULATIONS

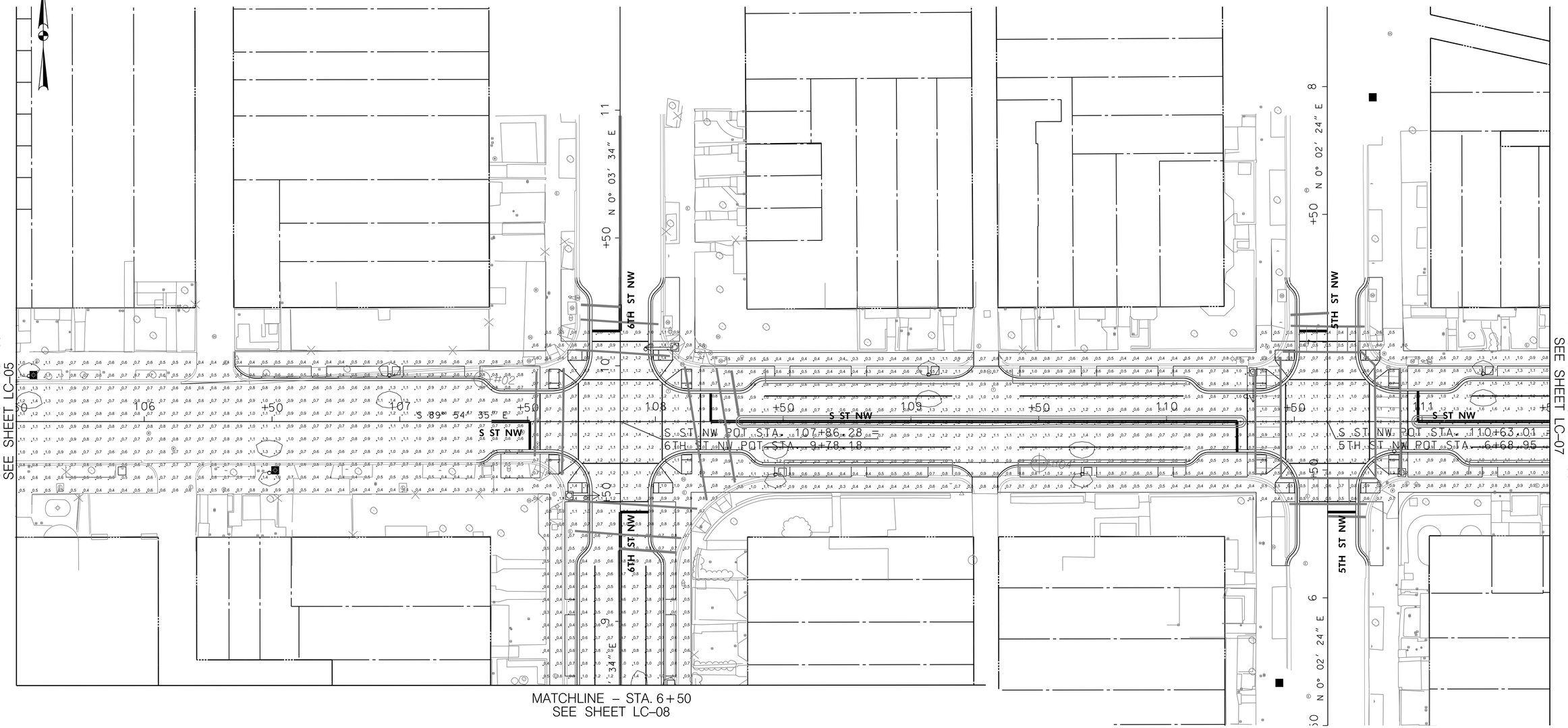
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE
FILE
SHEET 41 OF 88

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	42	88



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
6th and S	1	1.5	0.5	3.0:1	2.0:1
5th and S	0.9	1.6	0.4	4.0:1	2.3:1
6th to 5th	0.8	1.7	0.3	5.7:1	2.7:1
5th to New Jersey	0.8	1.8	0.3	6.0:1	2.7:1

20′ 0 20′ 40′
SCALE: 1"=20′

LC–06

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROPOSED LIGHTING CALCULATIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 42 OF 88

DISTRICT OF COLUMBIA · LAURA M. MEHRL · PE906227 · CIVIL · PROFESSIONAL ENGINEER

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

C:\users\twells\documents\pw-amt-01\dms37716\plc_p002_ss+nw.dgn
Tuesday, August 11, 2020 AT 01:32 AM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	43	88

N

MATCHLINE – STA. 111+50
SEE SHEET LC-06

POT Sta. 4+00.00

S 15° 29' 58" E +50

NEW JERSEY AVE NW

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 5+32.18

PT Sta. 115+53.62

PC Sta. 114+67.15

S 89° 54' 35" E +50

S ST NW

POT Sta. 3+00.00

S 61° 23' 03" E +50

FLORIDA AVE NW

S ST NW POT STA. 115+89.58 =
FLORIDA AVE NW POT STA. 4+46.47

EQUATION:
Sta 115+89.58 BK =
Sta 115+77.66 AH

N 47° 00' 25" E +50

S 61° 23' 03" E

POT Sta. 6+78.96

N 66° 07' 44" E +50

EQUATION:
Sta 5+26.55 BK =
Sta 5+79.18 AH

RHODE ISLAND AVE NW POT STA. 6+7.43 =
FLORIDA AVE NW POT STA. 5+26.55

RHODE ISLAND AVE NW

S 73° 39' 58" E +50

N 66° 07' 44" E +50

RHODE ISLAND AVE NW POT STA. 3+25.29 =
NEW JERSEY AVE NW POT STA. 6+33.23

RHODE ISLAND AVE NW +50

NEW JERSEY AVE NW +50

POT Sta. 6+98.13

POT Sta. 2+00.00

LC–07

Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
5th to New Jersey	0.8	1.8	0.3	6.0:1	2.7:1
New Jersey to Florida	0.8	1.7	0.3	5.7:1	2.7:1
S to Florida	0.7	1.6	0.3	5.3:1	2.3:1
S and New Jersey	0.9	1.5	0.6	2.5:1	1.5:1

20′ 0 20′ 40′
SCALE: 1"=20′

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROPOSED LIGHTING CALCULATIONS

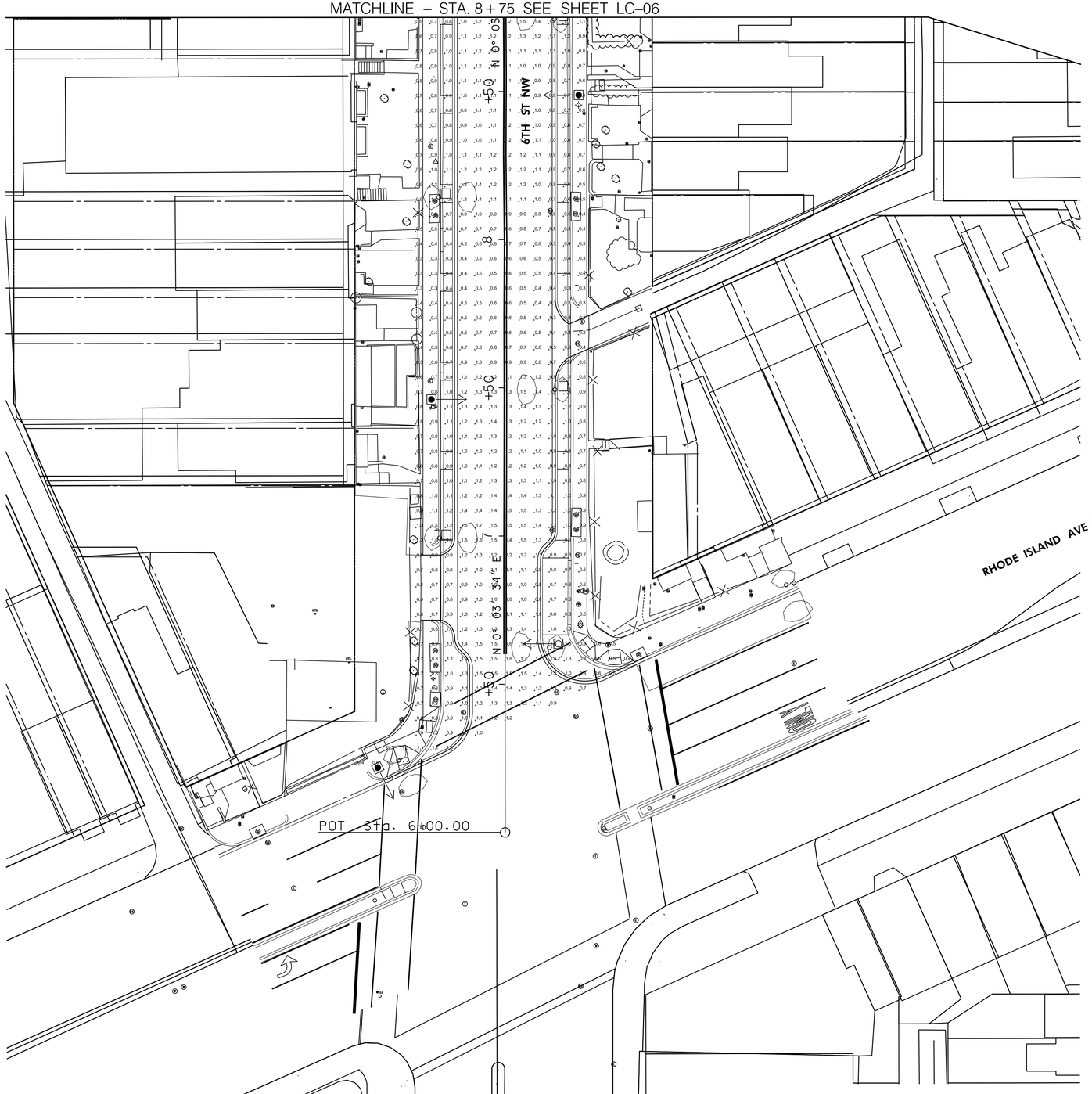
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE

SHEET 43 OF 88

$FILE$
$DATE$
$PLTDRVS$
$PENTBLS$

MATCHLINE – STA. 8+75 SEE SHEET LC–06



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
S to Rhode Island	0.9	1.7	0.3	5.7:1	3.0:1

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	44	88

20′ 0 20′ 40′
SCALE: 1″=20′

LC–08

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

PROPOSED LIGHTING CALCULATIONS

DIVISION CHIEF
DATE
FILE
SHEET 44 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	45	88

GENERAL NOTES:

1. THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD OBSERVATION AND/OR RECORD DRAWINGS.THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE AND THE LOCATION OF THE UTILITIES SHOWN IS APPROXIMATE. THE CONTRACTOR WILL VERIFY THE EXISTENCE OF ALL UTILITIES IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS THAT COULD DAMAGE THESE UTILITIES.

2. IN THE AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR WILL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THESE UTILITIES.

3. IF AN UNDERGROUND UTILITY IS DAMAGED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE DISTRICT AND THE OWNER OF THE UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW GROUND WILL BE REPAIRED BY THE CONTRACTOR UNDER THE DIRECTION OF THE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE WILL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.

4. THE CONTRACTOR WILL NOTIFY THE FOLLOWING PARTIES AT LEAST FORTY EIGHT (48) HOURS, BUT NOT MORE THAN TEN (10) WORKING DAYS IN ADVANCE OF PROCEEDING WITH ANY EXCAVATION WORK:

TYPE OF WORK	NOTIFY AGENCIES
GAS, TELEPHONE, ELECTRICAL, CONDUIT & CABLE TV	MISS UTILITY (800-257-7777)
WATERMAIN & SEWERS	DC WATER (202-673-6600)

5. ALL STREETLIGHT FOUNDATIONS SHOWN ON THE PLANS WILL BE REPLACED OR REMOVED. ALL EXISTING STREETLIGHT CONDUITS TO BE ABANDONED WILL BE SEALED WITH CONCRETE BEFORE INSTALLING THE NEW FOUNDATION OR BACKFILLING. REMOVE THE CONCRETE FOUNDATION COMPLETELY, SUCH AS ANCHOR BOLTS, CONDUITS, CABLE AND ALL OTHER ASSOCIATED DEVICES.

6. THE CONTRACTOR WILL INSTALL THE NEW MAINLINE CONDUIT AND MANHOLE SYSTEM ALONG WITH THE ENERGIZED FEEDER CABLES BEFORE STARTING TO
INSTALL THE STREETLIGHT CONDUIT, FOUNDATIONS AND POLES. THE NEW STREETLIGHTS MUST BE IN SERVICE BEFORE STARTING TO REMOVE THE OLD LIGHTS.

7. WHERE A STREETLIGHT IS REPLACED IN THE SAME LOCATION THE LIGHT WILL BE RESTORED WITHIN 5 WORKING DAYS. ALL LIGHTS WITHIN THE PROJECT LIMIT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR IN A TIMELY MANNER (WITHIN FORTY-EIGHT HOURS) F ROM NTP UNTIL THE PROJECT IS ACCEPTED BY THE DISTRICT.

8. THE CONTRACTOR WILL KEEP PROPER RECORD OF ALL TRAFFIC AND PARKING SIGNS THAT WILL BE REMOVED PRIOR TO REMOVING THE STREETLIGHT POLE. THE SIGNS SHALL BE RELOCATAED TO THE NEW POLE AT THE SAME HEIGHT AND ORIENTATION. A U-POLE SHALL BE INSTALLED TO MOUNT THE REPLACED SIGN IF A PROPOSED NEW POLE HAS A DIFFERENT LOCATION.

9. ALL POLE FOUNDATIONS WILL BE INSTALLED 3' FROM FACE OF CURB TO CENTER OF FOUNDATION UNLESS NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

10. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD CHECK FOR ALL EXISTING LOCATIONS AND MAKE NECESSARY ADJUSTMENTS TO ACCOMMODATE THE NEW WORK AT NO ADDITIONAL COST TO THE DISTRICT OF COLUMBIA GOVERNMENT.

11. ALL ELECTRICAL WORK AND MATERIALS SHALL CONFORM TO:
- NATIONAL ELECTRICAL CODE (NEC) (NATIONAL FIRE PROTECTION ASSOCIATION NFPA 70)
- DISTRICT OF COLUMBIA ELECTRICAL CODE
- DISTRICT OF COLUMBIA STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES (2013) "GOLD BOOK," INCLUDING BUT NOT LIMITED TO THE FOLLOWING SECTIONS: 614 - STREETLIGHTING AND MISCELLANEOUS ELECTRICAL WORK; AND 820 - STREETLIGHTING AND ELECTRICAL MATERIALS
- DISTRICT OF COLUMBIA STREETLIGHT POLICY AND DESIGN GUIDELINES (FEBRUARY 2013).
- DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS (APRIL 2009), INCLUDING BUT NOT LIMITED TO THE FOLLOWING SECTIONS: 617 - TRAFFIC SIGNALS; AND 618 - STREETLIGHTS.

12. STANDARD SIZE FOR A DC STREET LIGHT MANHOLE IS 4'X4' (INSIDE CLEAR DIMENSIONS). IF AVAILABLE SIDEWALK OR CLEAR SPACE IS TOO NARROW, DC 3'X3' MANHOLES CAN BE USED, UPON APPROVAL FROM DDOT.

13. DISTANCE BETWEEN MANHOLES TO MANHOLE NO GREATER THAN 250 FEET. DISTANCE BETWEEN MANHOLES TO LIGHTS NO GREATER THAN 100 FEET (TYPICAL). UNLESS NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

14. LIGHT POLE LOCATIONS SHOULD MEET THE FOLLOWING CLEARANCES:
- MINIMUM OF 3 FEET FROM THE FACE OF CURB TO CENTER OF POLE, PROVIDING AT LEAST 3' CLEAR SPACE FOR PEDESTRIAN WALKWAY
- MINIMUM OF 15 FEET AWAY FROM A TREE (FROM CENTER OF TREE TO CENTER OF POLE)
- MINIMUM OF 6 FEET AWAY FROM A FIRE HYDRANT (CENTER OF HYDRANT TO CENTER OF POLE)

15. IF NECESSARY, ADJUST POLE LOCATION BASED ON FIELD CONDITIONS. COORDINATE WITH DDOT INSPECTOR.

16. INSTALL ONE (1)-2 INCH PVC SCHEDULE 40 CONDUIT FROM EACH LIGHT POLE TO DC MANHOLE AND TWO (2)-4 INCH PVC SCHEDULE 40 CONDUITS FROM DC MANHOLE TO PEPCO FEEDER.

17. MAIN DUCT LINE BETWEEN MANHOLES SHOULD BE 4 INCH SCHEDULE 40 PVC CONDUIT (SIX WAY DUCT BANK).

18. ELECTRICAL CONDUITS SHALL BE ENCASED IN CLASS F 3500 PSI WET MIX CONCRETE PER DC STANDARD SPECIFICATIONS.

19. STREET LIGHT POLE FOUNDATIONS SHALL BE ENCASED IN CLASS B 4500 PSI WET MIX.

20. CONTRACTOR SHALL SUBMIT TO CHIEF ENGINEER FOR APPROVAL A JOB WITH MIX FORMULA FOR TYPE OF BITUMINOUS CONCRETE MIXTURE.

21. CABLES LOCATED WITHIN DC AND PEPCO MANHOLES SHALL BE THREE (3) #4/0 AWG INSULATED COPPER STRANDED TYPE (RHW-2), AND ONE (1) #2 AWG NON-INSULATED STRANDED COPPER GROUND CABLE.

22. CABLES FROM MANHOLE TO EACH STREET LIGHT POLE SHALL BE TWO (2) #10 AWG INSULATED COPPER STRANDED TYPE (RHW-2) AND ONE (1) #8 AWG NON-INSULATED STRANDED COPPER GROUND CABLE.

23. ALL CABLES SHALL BE INSTALLED IN CONTINUOUS LENGTHS, AND WITHOUT SPLICES BETWEEN TERMINATION POINTS (I.E PEPCO MANHOLE TO DC MANHOLE; DC MANHOLE TO POLE FIXTURE).

24. WHEN INSTALLING, REMOVING, OR REPLACING ANY STREETLIGHTS, THE ELECTRICAL CONTRACTOR SHALL PROVIDE (5) SETS OF PLANS AND CATALOG CUT SHEETS ALONG WITH A DDOT APPLICATION TO INSTALL ELECTRICAL WIRING TO PUBLIC SPACE OFFICE LOCATED AT 1100 4TH STREET, SW, 3RD FLOOR TO BE PROCESSED.

25. THE CONTRACTOR WILL NEED AN "SLF NUMBER" (TO BE PROVIDED BY DDOT, UPON ACCEPTANCE OF STREET LIGHT PLAN) TO COORDINATE WITH PEPCO FOR ALL STREETLIGHT FEEDS FOR NEW CONNECTIONS AND DISCONNECTIONS.

26. THE CONTRACTOR OR ELECTRICIAN INSTALLING ELECTRICAL CONDUIT, STREETLIGHTS, MANHOLES AND LIGHT POLE FOUNDATIONS MUST HAVE A DISTRICT OF COLUMBIA LICENSE.

27. THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTIFICATION FOR ELECTRICAL INSPECTION OF CONDUIT DUCT BANKS, LIGHT POLE FOUNDATIONS, GROUND ROD AND CABLE TESTING, ETC. WITH DDOT STREET LIGHT REVIER/ INSPECTOR. (CONTACT TBD)

LEGEND:

- EXISTING T-BASE METAL POLE WITH TEARDROP LIGHT 8-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH 3-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH 6-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH 8-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH TEARDROP LIGHT 6-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH TEARDROP LIGHT 8-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH LED LIGHT 3-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH LED LIGHT 6-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH LED LIGHT 8-FOOT ARM
- EXISTING WOODEN UTILITY POLE WITH TEARDROP LED LIGHT 8-FOOT ARM
- PROPOSED TEARDROP LED LIGHT 8-FOOT ARM ON EXISTING WOODEN UTILITY POLE
- PROPOSED TEARDROP LED LIGHT 8-FOOT ARM ON PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE
- EXISTING WOOD UTILITY POLE
- PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE WITH TEAR-DROP FIXTURE
- PROPOSED #16 STREETLIGHT POLE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- PROPOSED TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- PROPOSED LOCATION FOR PEPCO POWER CONNECTION
- EXISTING DDOT MANHOLE (4'X4'X4')
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED DDOT MANHOLE (3'X3'X3')
- PROPOSED CATCH BASIN
- PROPOSED FIRE HYDRANT
- EXISTING CATCH BASINS
- EXISTING TREE
- EXISTING FIRE HYDRANT
- EXISTING MANHOLE (UNIDENTIFIED)
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING PEPCO ELECTRICAL MANHOLE
- PROPOSED DRAINAGE MANHOLE
- EXISTING GAS VALVE
- EXISTING WATER METER
- EXISTING GAS METER
- EXISTING PARKING METER
- EXISTING WOOD FENCE
- EXISTING PEPCO ELECTRICAL LINE
- EXISITNG GAS LINE
- EXISITNG GAS LINE (FROM RECORD)
- EXISTING TELEPHONE LINE
- EXISTING SANITARY SEWER LINE (FROM RECORD)
- EXISTING STORM SEWER LINE
- EXISTING WATER LINE
- EXISTING WATER LINE (FROM RECORD)
- EXISTING DDOT ELECTRICAL CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 4-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 6-4" ELECTRICAL PVC CONDUIT
- PROPOSED SIGNAL CONDUIT
- PROPOSED STORM DRAINAGE LINE
- RIGHT OF WAY LINE
- PEPCO UNDERGROUND DISTRIBUTION LINE

ABBREVIATION LIST:

#16	#16 CAST IRON STREETLIGHT POLE
H.P.S.	HIGH PRESSURE SODIUM VAPOR
M.H.	MOUNTING HEIGHT
P#	PEPCO FEED POINT
PP	PENDANT POST STREETLIGHT POLE
Lxx - PP	INSTALL NEW PENDANT POST STREETLIGHT POLE AND LUMINAIRE
Rxx - PP	REMOVE EXISTING PENDANT POST STREETLIGHT POLE AND LUMINAIRE
Rxx - WP	REMOVE EXISTING LUMINAIRE FROM WOOD POLE
Lxx - 16	INSTALL NEW #16 CAST IRON STREETLIGHT POLE WITH LUMINAIRE
TDxx - WP	INSTALL NEW TEAR DROP LUMINAIRE ON EXISTING WOOD POLE
ETR	EXISTING TO REMAIN

LT–00

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STREETLIGHT PLAN
LEGEND AND GENERAL NOTES

PROJECT ENG.	TW
DESIGNED BY	IN
CHECKED BY	FW
DRAWN BY	IN
PROJECT MGR.	LM

DIVISION CHIEF

DATE

FILE

SHEET 45 OF 88

c:\users\ingoga\documents\pw-amt-0\dms37716\pLT-P000_SSt.dgn
Monday, August 10, 2020 AT 05:16 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	46	88

N

N 454450
E 1306000

N 454450
E 1306350

7TH ST NW

N 0° 01′ 39″ E

WILTBERGER ST NW

+50 101 S ST NW +50 102 +50 S 89° 54′ 35″ E 103 +50 104 S ST NW +50 105 +50

MATCHLINE – STATION 105+50
SEE SHEET LT–02

LT–01

E 1306000
N 454150

LEGEND

- PROPOSED TEARDROP LED LIGHT 8-FOOT ARM ON PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE WITH TEAR-DROP FIXTURE
- PROPOSED DDOT 4-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STREETLIGHT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 46 OF 88

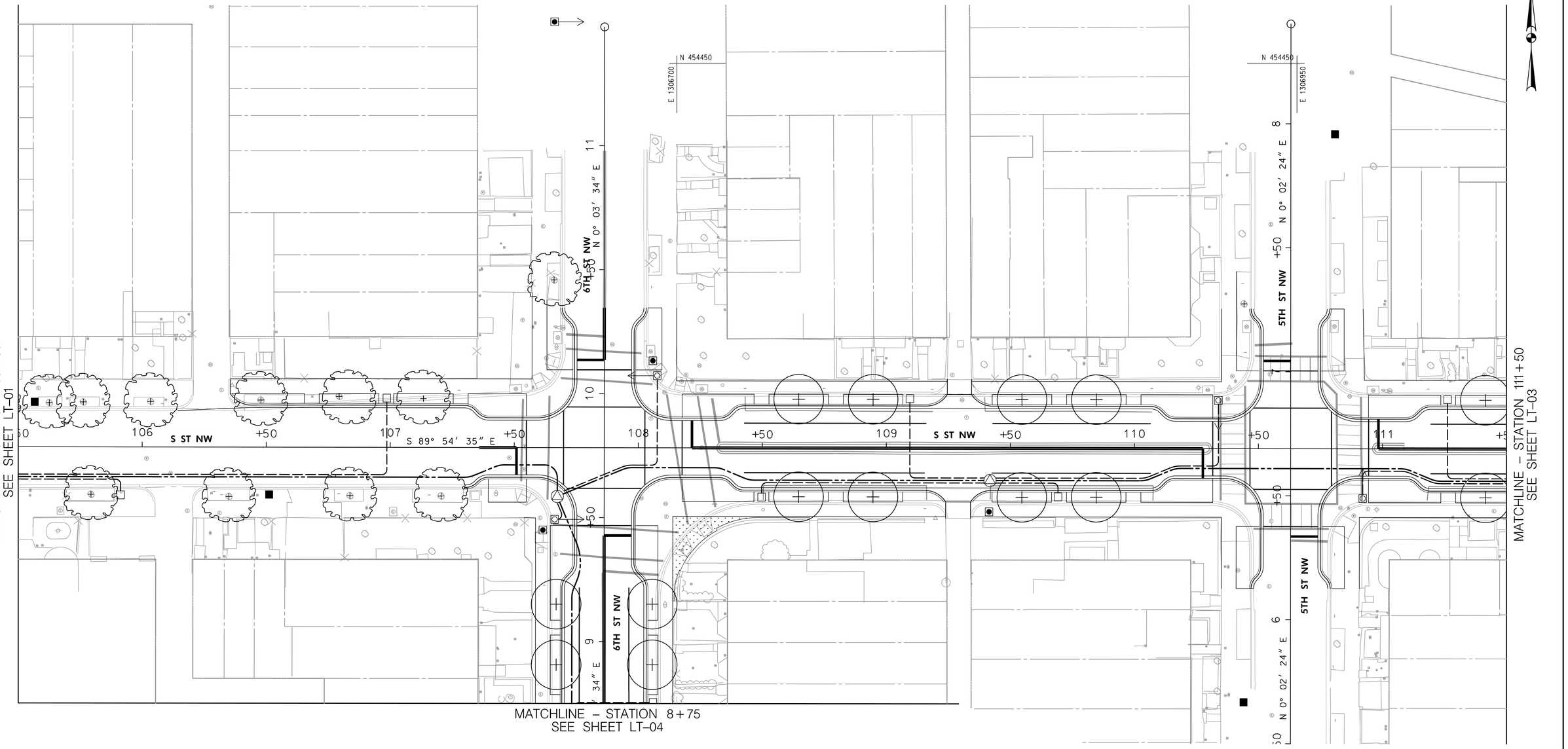
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingogo\documents\pw-am1-01\dms37716\pLT-P001_SS1NW.dgn
Monday, August 10, 2020 AT 05:16 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	47	88



LT–02

LEGEND

- PROPOSED TEARDROP LED LIGHT 8-FOOT ARM ON PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE WITH TEAR-DROP FIXTURE
- PROPOSED DDOT 4-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT

20′ 0 20′ 40′
SCALE: 1″=20′

A. MortonThomas and Associates, Inc.
Consulting Engineers

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

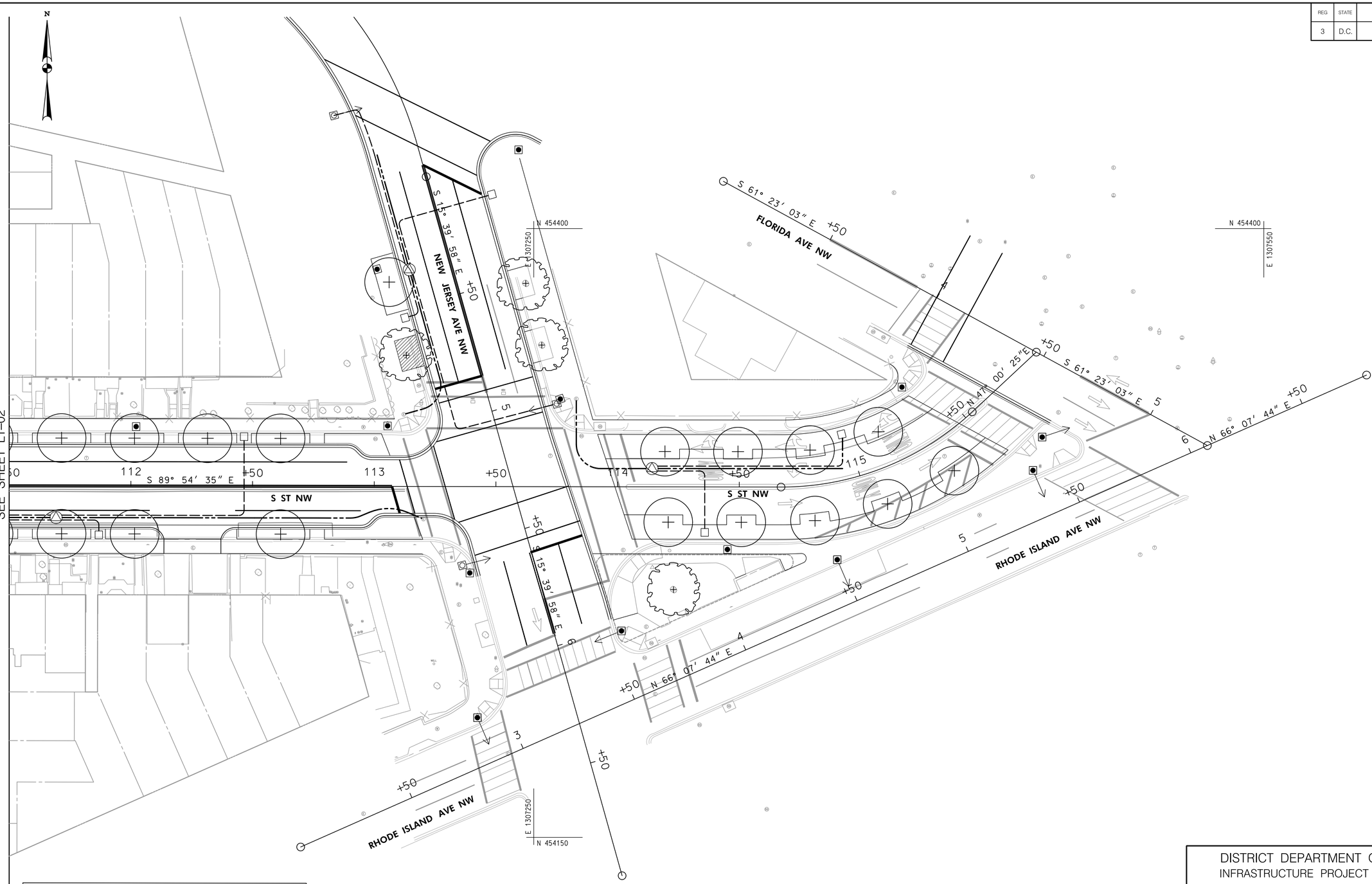
STREETLIGHT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 47 OF 88

c:\users\ingoga\documents\pw-gmt-01\dms37716\pLT-P002_SSTNW.dgn
Monday, August 10, 2020 AT 05:17 PM
$PENTBL.S$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	48	88



LEGEND

- PROPOSED TEARDROP LED LIGHT 8-FOOT ARM ON PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE WITH TEAR-DROP FIXTURE
- PROPOSED DDOT 4-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT

20′ 0 20′ 40′
SCALE: 1″=20′

LT–03

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STREETLIGHT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 48 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

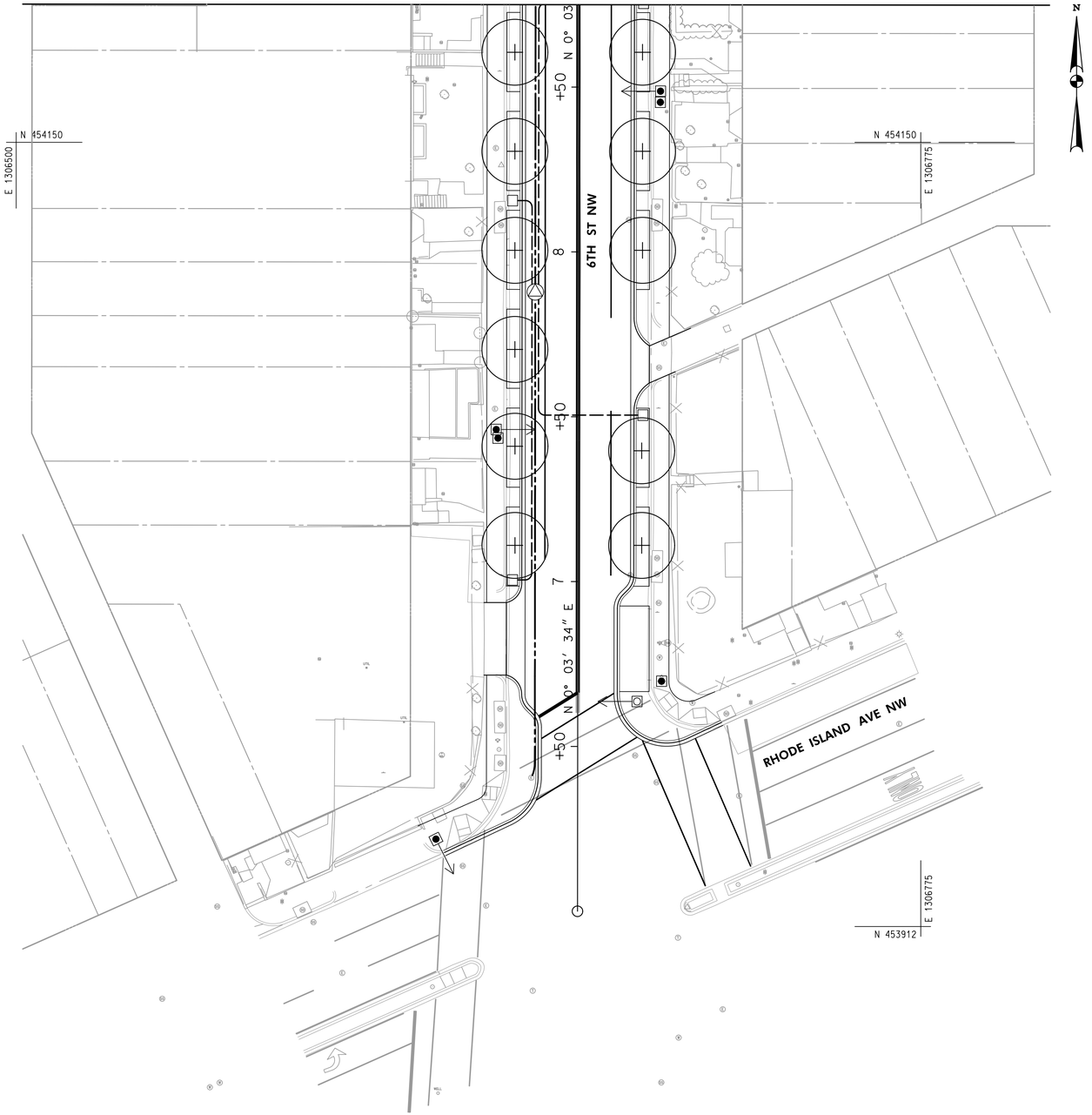
NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\lngoga\documents\pw-am1-01\dms377161\pLT-P003_SS1NW.dgn
Monday, August 10, 2020 AT 05:17 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	49	88

MATCHLINE – STATION 8+75
SEE SHEET LT–02



LEGEND

- PROPOSED TEARDROP LED LIGHT 8-FOOT ARM ON PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- PROPOSED 28-FOOT PENDANT POST STREETLIGHT POLE WITH TEAR-DROP FIXTURE
- PROPOSED DDOT 4-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT

20′ 0 20′ 40′
SCALE: 1"=20′

LT–04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STREETLIGHT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 49 OF 88

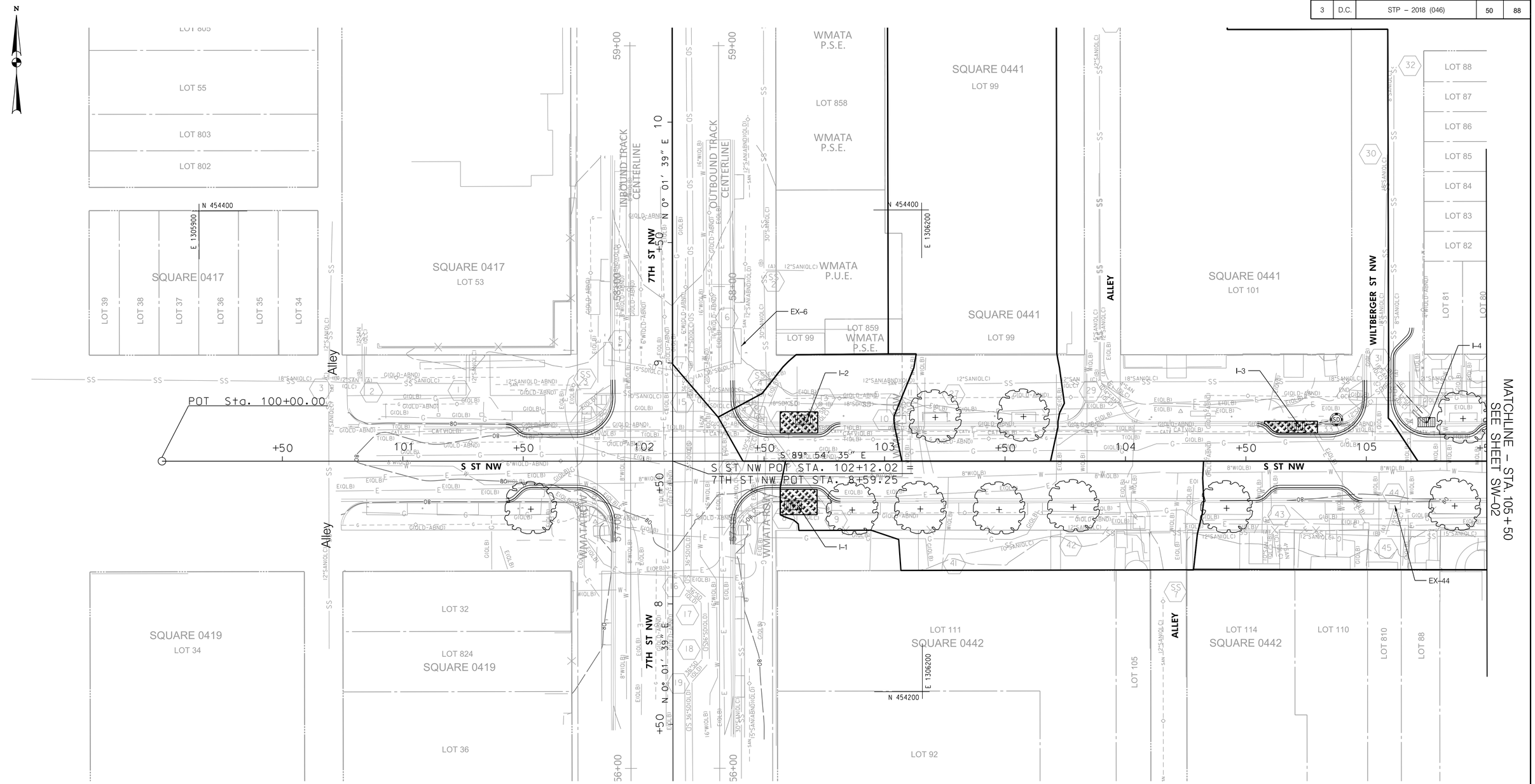
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\pw-am1-01\dms377161\pLT-P004_SSTNW.dgn $PENTBLS$
Monday, August 10, 2020 AT 05:17 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	50	88



SW–01

LEGEND

- EXISTING TREE RETAINED
- PROPOSED TREE
- POROUS CONCRETE SIDEWALK
- BIORETENTION CELL
- SOIL BORING LOCATION
- UNDERDRAIN (PERFORATED PIPE)
- UNDERDRAIN (CONNECT PIPE)
- CLEAN OUT /OBSERVATION WELL

20′ 0 20′ 40′

SCALE: 1"=20′

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STORMWATER MANAGEMENT PLAN

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

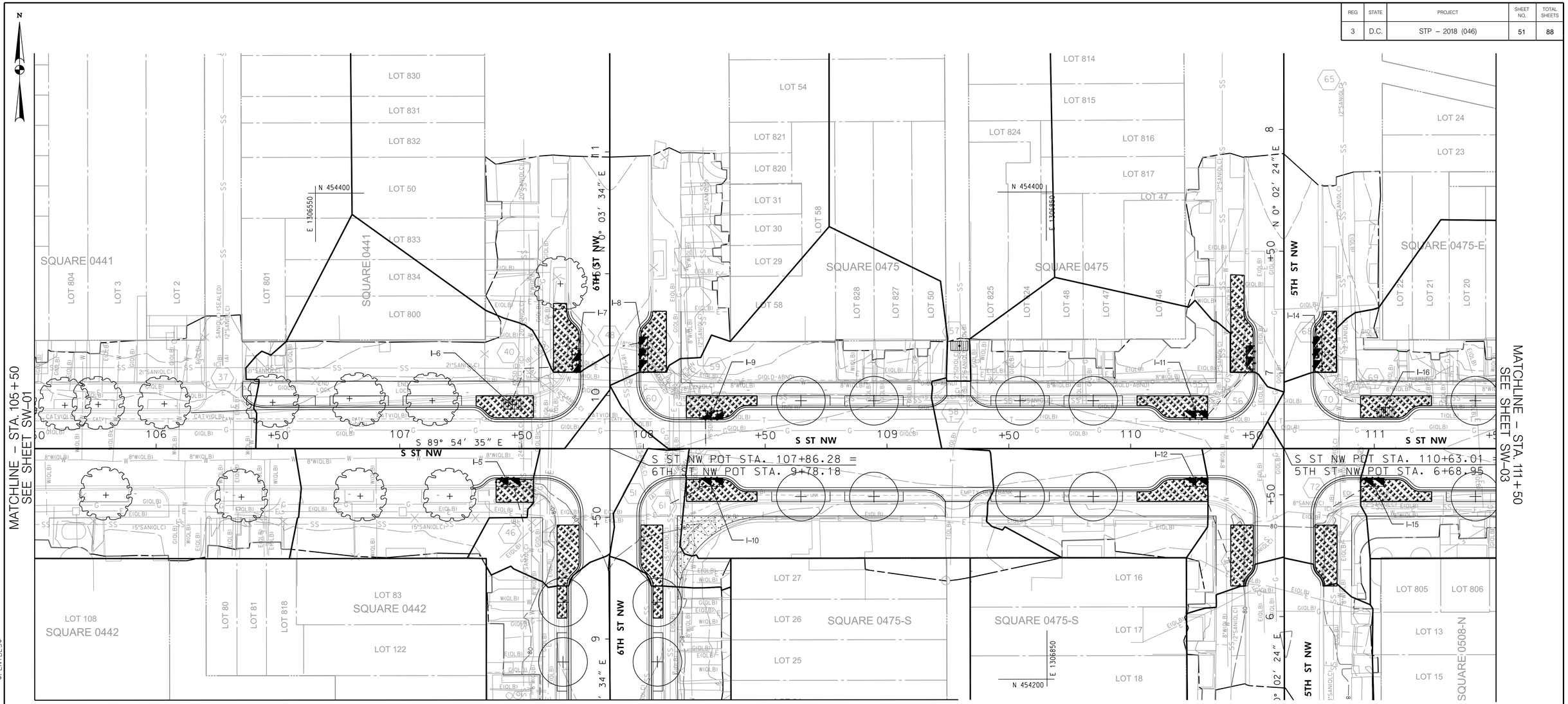
REVISIONS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 50 OF 88

c:\users\twells\documents\pw-amt-01\dms377161\pSW_P001_160920.dgn
Tuesday, August 11, 2020 AT 01:48 AM
$PENTBL$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	51	88



LEGEND

- EXISTING TREE RETAINED
- PROPOSED TREE
- POROUS CONCRETE SIDEWALK
- BIORETENTION CELL
- SOIL BORING LOCATION
- UNDERDRAIN (PERFORATED PIPE)
- UNDERDRAIN (CONNECT PIPE)
- CLEAN OUT /OBSERVATION WELL

SW–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STORMWATER MANAGEMENT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 51 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\twells\documents\pw-amt-01\dms377161\pSW_P002_160920.dgn
Tuesday, August 11, 2020 AT 01:50 AM
$PENTBL$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	52	88

N

MATCHLINE – STA. 111+50
SEE SHEET SW-02

SQUARE 0475-E
LOT 31

SQUARE 0475-E

SQUARE 0507-N
LOT 800

SQUARE 0508-N

NEW JERSEY AVE NW

FLORIDA AVE NW

RHODE ISLAND AVE NW

S ST NW

POT Sta. 3+00.00

POT Sta. 4+00.00

POT Sta. 6+78.96

POT Sta. 2+00.00

POT Sta. 6+98.13

S 61° 23′ 03″ E +50

S 15° 39′ 58″ E +50

S 89° 54′ 35″ E +50

N 66° 07′ 44″ E +50

N 00° 25′ 41″ E +50

S ST NW POT STA. 115+89.58 =
FLORIDA AVE NW POT STA. 4+46.47

EQUATION:
Sta 115+89.58 BK =
Sta 115+77.66 AH

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 5+32.18

PT Sta. 115+53.62

PC Sta. 114+67.15

EQUATION:
Sta 5+26.55 BK =
Sta 5+79.18 AH

RHODE ISLAND AVE NW POT STA. 6+7.43 =
FLORIDA AVE NW POT STA. 5+26.55

RHODE ISLAND AVE NW POT STA. 3+25.29 =
NEW JERSEY AVE NW POT STA. 6+33.23

N 454400
E 1307100
N 454400
E 1307550
N 454200
E 1307550

I-17
I-18
I-20
EX-76
EX-81

U.S. RES. 20

LOT 1
LOT 4
LOT 11
LOT 12
LOT 13
LOT 14
LOT 15
LOT 16
LOT 17
LOT 18
LOT 19
LOT 31
LOT 802
LOT 803
LOT 813
LOT 814

LEGEND

- EXISTING TREE RETAINED
- PROPOSED TREE
- POROUS CONCRETE SIDEWALK
- BIORETENTION CELL
- SOIL BORING LOCATION
- UNDERDRAIN (PERFORATED PIPE)
- UNDERDRAIN (CONNECT PIPE)
- CLEAN OUT /OBSERVATION WELL

20′ 0 20′ 40′
SCALE: 1"=20′

SW–03

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STORMWATER MANAGEMENT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 52 OF 88

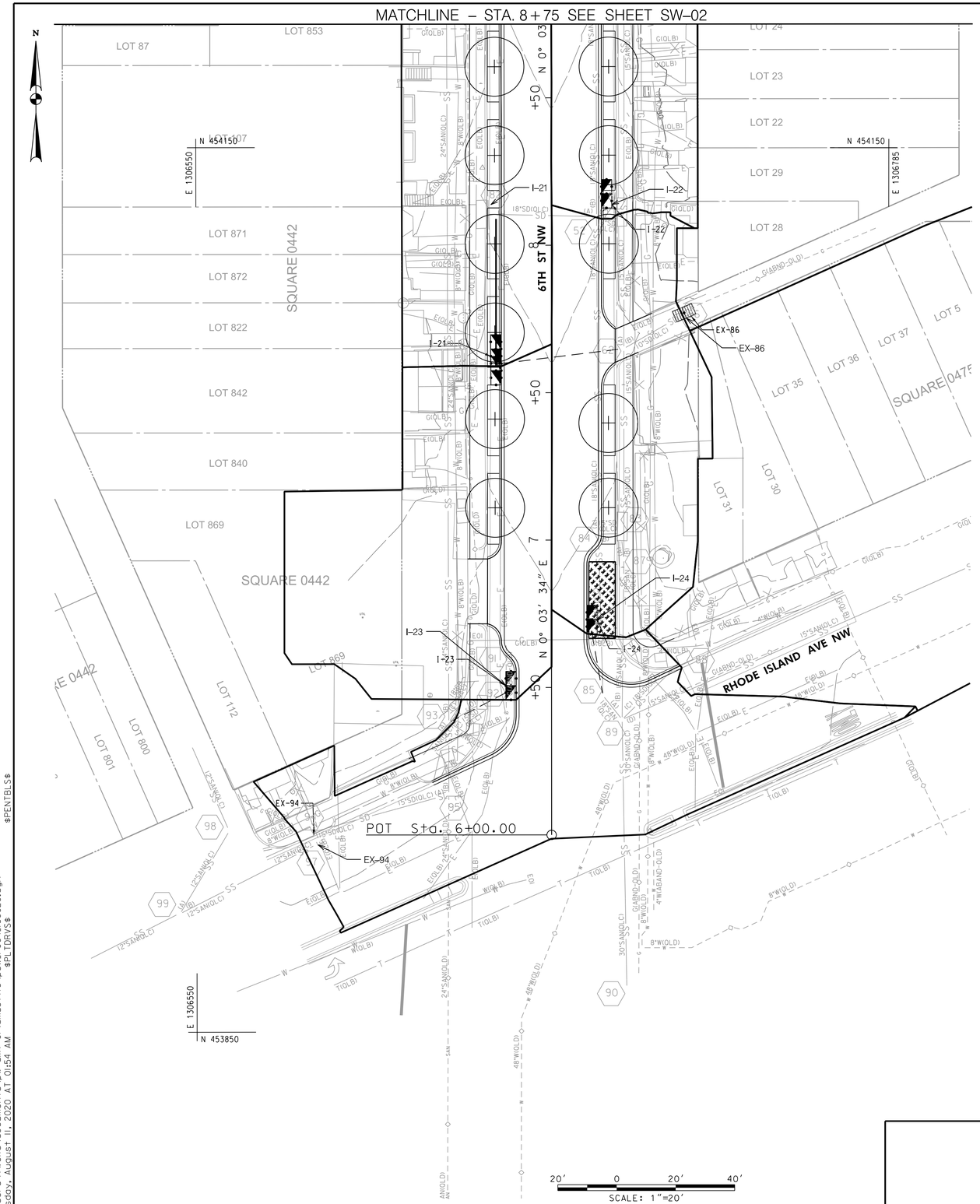
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\twells\documents\pw-amt-01\dms377116\pSW_P003_160920.dgn
Tuesday, August 11, 2020 AT 01:52 AM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	53	88



LEGEND

- EXISTING TREE RETAINED
- PROPOSED TREE
- POROUS CONCRETE SIDEWALK
- BIORETENTION CELL
- SOIL BORING LOCATION
- UNDERDRAIN (PERFORATED PIPE)
- UNDERDRAIN (CONNECT PIPE)
- CLEAN OUT /OBSERVATION WELL

SW–04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

STORMWATER MANAGEMENT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 53 OF 88

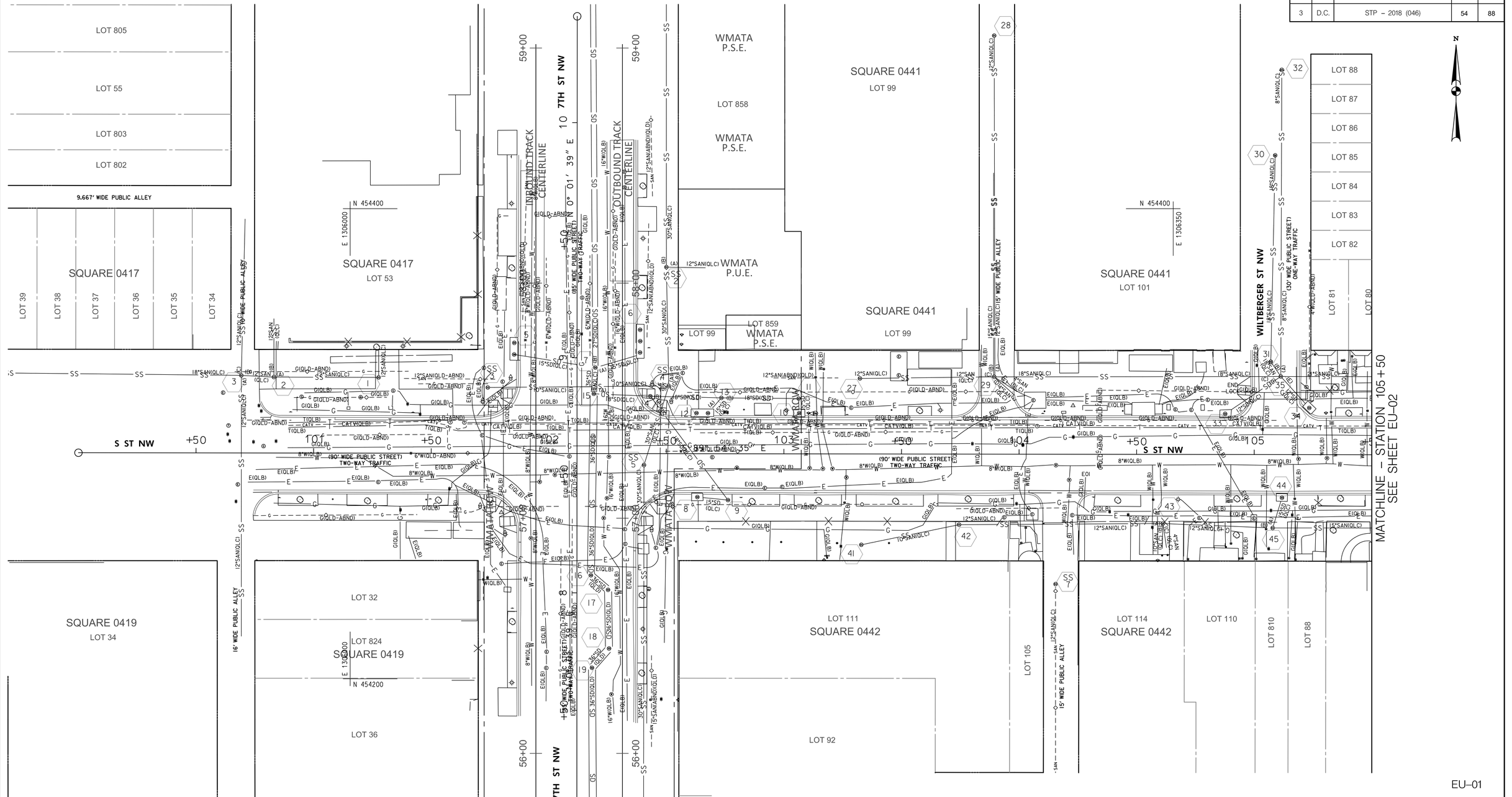
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\twells\documents\pw-amt-01\dms377161\pSW_P004_160920.dgn $PENTBLS$
Tuesday, August 11, 2020 AT 01:54 AM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	54	88



EU–01

20′ 0 20′ 40′

SCALE: 1"=20′

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING UTILITY PLAN
STATION 100+00 TO STATION 105+50

PROJECT ENG.	TW
DESIGNED BY	IN
CHECKED BY	
DRAWN BY	IN
PROJECT MGR.	LM

DIVISION CHIEF
DATE
FILE
SHEET 54 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\lngoga\documents\pw-amt-01\dms37716\pUT-E001_SS+NW.dgn $PENTBLS$
Monday, August 10, 2020 AT 05:18 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	55	88

N

MATCHLINE – STATION 105+50
SEE SHEET EU-01

MATCHLINE – STATION 111+50
SEE SHEET EU-03

MATCHLINE – STATION 8+75
SEE SHEET EU-04

SQUARE 0441
LOT 804
LOT 3
LOT 2
LOT 829
LOT 830
LOT 831
LOT 832
LOT 50
LOT 833
LOT 834
LOT 800
LOT 801
15' WIDE PUBLIC ALLEY
SQUARE 0442
LOT 108
LOT 83
LOT 122
LOT 80
LOT 81
LOT 818
10' WIDE PUBLIC ALLEY
15' WIDE PUBLIC ALLEY

6TH ST NW
(100' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
N 0° 03′ 34″ E

S ST NW
(90' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
S 89° 54′ 35″ E

N 454450
E 1306700

LOT 53
LOT 54
LOT 821
LOT 820
LOT 31
LOT 30
LOT 29
LOT 58
SQUARE 0475
LOT 828
LOT 827
LOT 50
9.75' WIDE PUBLIC ALLEY
LOT 814
LOT 815
LOT 824
LOT 816
LOT 817
LOT 47
SQUARE 0475
LOT 825
LOT 824
LOT 48
LOT 47
LOT 46

5TH ST NW
(80' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
N 0° 02′ 24″ E
E 1306950

8.92' WIDE PUBLIC ALLEY
LOT 24
LOT 23
6' WIDE
SQUARE 0475-E
LOT 22
LOT 21
LOT 20

SQUARE 0475-S
LOT 27
LOT 26
LOT 25
LOT 16
LOT 17
LOT 18
LOT 38

SQUARE 0508-N
LOT 805
LOT 806
LOT 13
LOT 15

EMPTY DUCTBANK
UNK(QLB)

E 1306700
N 454150

20′ 0 20′ 40′
SCALE: 1″=20′

EU-02

c:\users\ngoga\documents\pw-amt-01\dms377116\pUT-E002_SSTNW.dgn
Monday, August 10, 2020 AT 05:19 PM
$PENTBLS$
$PLTDRVS$

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING UTILITY PLAN
STATION 105+50 TO STATION 111+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 55 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	56	88

MATCHLINE – STATION 111+50
SEE SHEET EU-02

SQUARE 0475-E
LOT 31
8.92' WIDE PUBLIC ALLEY
PUBLIC ALLEY
LOT 16
LOT 15
LOT 14
LOT 1
LOT 19
LOT 18
LOT 17
SQUARE 0475-E
N 454450
E 1307150
S 89° 54' 35" E
S ST NW
(90' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
S 15° 39' 58" E
NEW JERSEY AVE NW
(60' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
S 61° 23' 03" E
FLORIDA AVE NW
(80' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
SQUARE 0507-N
LOT 800
N 61° 00' 25" E
S 61° 23' 03" E
S 66° 07' 44" E
N 66° 07' 44" E
RHODE ISLAND AVE NW
(130' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
U.S. RES. 160
SQUARE 0508-N
LOT 802
LOT 803
LOT 4
LOT 12
LOT 11
LOT 813
LOT 814
LOT 13
LOT 16
5' WIDE PUBLIC ALLEY
112
113
114
115
+50
48"W(QLB)
8"W(QLB)
12"SAN(QLC)
15"SAN(QLC)
G(QLD-ABND)
E(QLB)
G(QLB)
T(QLB)
W(QLB)
SS
G

20' 0 20' 40'
SCALE: 1"=20'

EU-03

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING UTILITY PLAN
STATION 111+50 TO STATION 115+77.66

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

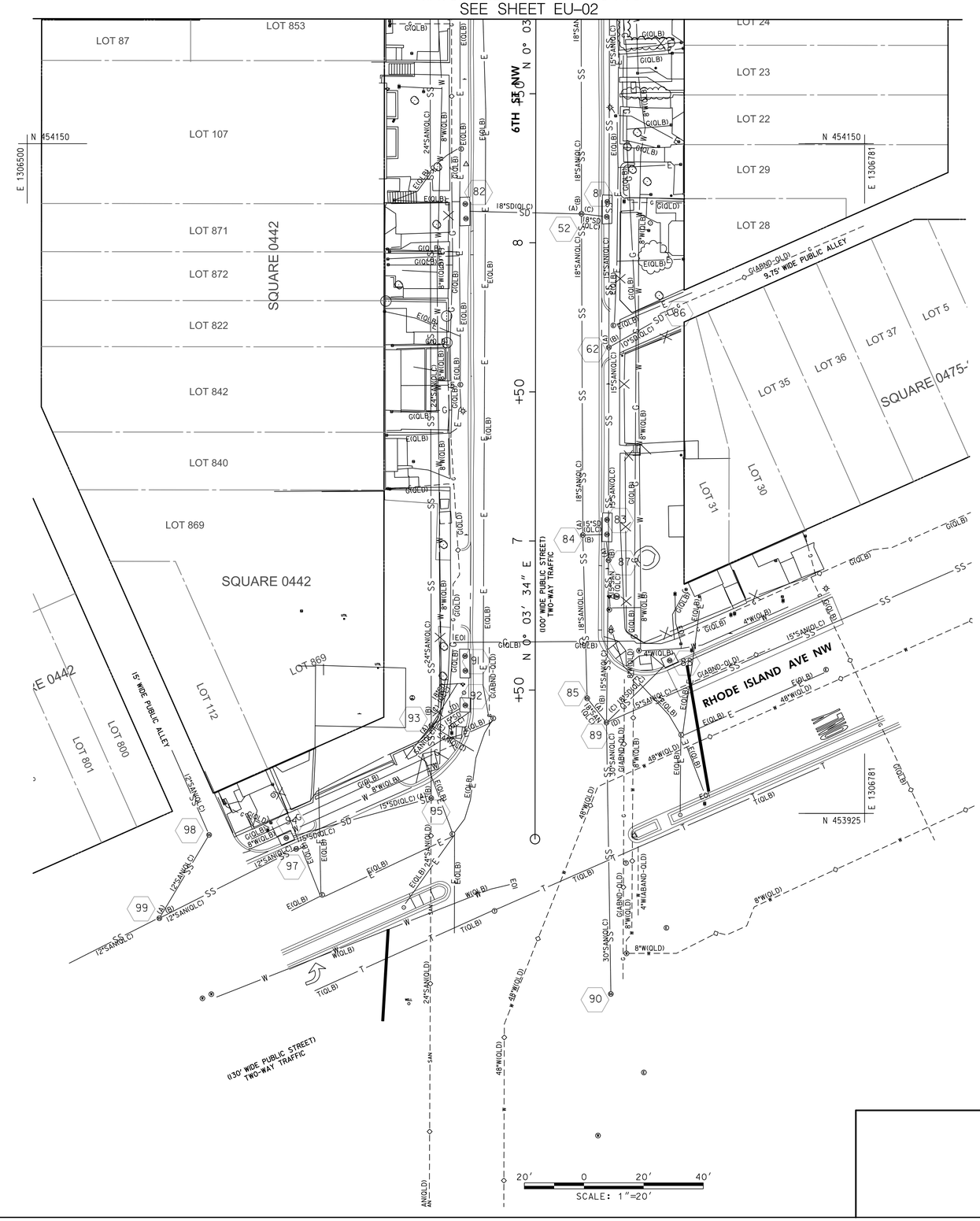
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 56 OF 88

c:\users\lngogo\documents\bw-amt-01\dms377161\pUT-E003_SS+NW.dgn
Monday, August 10, 2020 AT 05:19 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	57	88

MATCHLINE – STATION 8+75
SEE SHEET EU–02



EU–04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EXISTING UTILITY PLAN
STATION 5+00 TO STATION 5+50

PROJECT ENG.	TW
DESIGNED BY	IN
CHECKED BY	
DRAWN BY	IN
PROJECT MGR.	LM

DIVISION CHIEF
DATE
FILE
SHEET 57 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingog\documents\pw-amt-01\dms377116\pUT-E004_SS1NW.dgn
Monday, August 10, 2020 AT 05:19 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	58	88

MAINTENANCE OF TRAFFIC NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY OF THE PUBLIC AND HIS WORKERS THROUGH THE TERM OF THIS CONTRACT. THE MOTORIST MUST BE GUIDED IN A CLEAR AND POSITIVE MANNER WHILE APPROACHING AND PASSING THROUGH THE CONSTRUCTION AREA.

2. THE CONTRACTOR SHALL DEVELOP HIS CONSTRUCTION SCHEDULE WITHIN THE FRAMEWORK OF THE MAINTENANCE OF TRAFFIC (MOT) PLAN PROVIDED HEREIN. THE CONTRACTOR'S ACTIVITIES SHALL NOT CHANGE THE OPERATION REQUIREMENT SET FORTH IN THIS MOT, EXCEPT AS APPROVED BY THE ENGINEER.

3. THE CONTRACTOR MAY USE AN ALTERNATIVE MOT PLAN SUBJECT TO THE APPROVAL BY THE ENGINEER.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE INSTALLATION OF TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE D.C. TEMPORARY TRAFFIC CONTROL MANUAL, 2006 & THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION AND SUBSEQUENT REVISIONS, PRIOR TO THE BEGINNING OF HIS OPERATIONS. INSTALLATION OF TRAFFIC CONTROL SIGNS AND DEVICES SHOWN IN THE PLANS IS CONSIDERED ESSENTIALLY A MINIMUM, AND DOES NOT RELEASE THE CONTRACTOR FROM HIS RESPONSIBILITY OF ENSURING SAFE CONDITIONS DURING HIS OPERATIONS.

5. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE COVERED OVER WHEN NOT APPLICABLE. THE COST IS INCIDENTAL FOR THE BID PRICE.

6. ANY DRAINAGE, SIGNING, LIGHTING, UTILITY, SEDIMENT CONTROL PROTECTION AND OTHER MISCELLANEOUS WORK SHALL BE PERFORMED IN PHASE DEPICTING THE WORK ZONE FOR SUCH CONSTRUCTION.

7. ALL LEADING ENDS OF TEMPORARY CONCRETE BARRIERS EXPOSED TO ON-COMING TRAFFIC SHALL BE PROTECTED WITH PORTABLE IMPACT ATTENUATOR. ALL ATTENUATORS SHALL HAVE TYPE 3 OBJECT MARKERS.

8. THE CHIEF ENGINEER WILL ROUTINELY INSPECT THE MAINTENANCE OF TRAFFIC. ALL WORK SHALL BE ORDERED STOPPED UNTIL THE DEFICIENCIES DULY NOTED AND CITED ARE PROMPTLY CORRECTED.

9. TEMPORARY REFLECTIVE PAVEMENT TAPE OF THE APPROVED TYPE SHALL BE USED TO DESIGNATED TRAFFIC LANES, ALL PAVEMENT MARKINGS SHALL BE WHITE, EXPECT FOR THE LEFT EDGE OF THE EFFECTIVE ROADWAY, WHICH SHALL BE YELLOW.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF PEDESTRIAN TRAFFIC DURING ALL PHASES OF CONSTRUCTION. IT SHALL INCLUDE ACCESS TO ISLANDS, SHOULDERS, SIDEWALKS AND BUS STOPS. ALL SIGNS AND TRAFFIC CONTROL DEVICES AND/OR TEMPORARY CONSTRUCTION REQUIRED TO MAINTAIN FULL AND SAFE PEDESTRIAN ACCESSIBILITY THROUGH CONSTRUCTION AREA AT ALL TIMES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.

11. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN CROSSWALKS AND WALKWAYS WHETHER PAVED OR UNPAVED UNLESS OTHERWISE INDICATED ON THE PLANS AND APPROVED BY DDOT. TEMPORARY WHEELCHAIR RAMPS SHALL ALSO BE INSTALLED AND MAINTAINED BY THE CONTRACTOR AS DEEMED NECESSARY BY DDOT. COMPLIANCE TO THE AMERICAN DISABILITIES ACT (ADA) IS REQUIRED. CONTRACTORS INVOLVED IN WORK ON SIDEWALKS AND RAMPS, BE IT NEW CONSTRUCTION OR RENOVATION NEED TO HAVE THE APPROPRIATE SIGNAGE PRESENT OFFERING SAFE AND COMPLIANT ALTERNATIVE ROUTE FOR THE DISABLED AND PEDESTRIAN TRAFFIC.

12. THE CONTRACTOR SHALL INSTALL COVERED WALKWAYS AT LOCATIONS THAT DDOT DEEMS NECESSARY. CONTRACTOR MAY ALSO BE REQUIRED TO DEVELOP PROTECTED PEDESTRIAN PATHS AROUND THE WORK AREA THAT MAY PLACE PEDESTRIAN TRAFFIC ON THE ROADWAY TEMPORARILY. IN THIS SITUATION CONCRETE BARRIERS OR WATER-FILLED BARRIERS WITH STEEL RIBBING WILL BE REQUIRED FOR DDOT APPROVAL.

13. THE CONTRACTOR SHALL USE AND ADJUST SPRING-LOADED SIGN STANDS UP SO MOTORISTS CAN SEE AND READ THE SIGN. SIGN STANDS SHOULD COMPLY WITH NCHRP 350 CRASH TESTINGS STANDARDS AND SHOULD HAVE MARKINGS OF COMPLIANCE ON THE STANDS.

14. THE CONTRACTOR SHALL ERECT SIGNS, "CONSTRUCTION WILL START ON XXX, USE ALTERNATE ROUTE" SOON AFTER THE NOTICE TO PROCEED TO WARN THE TRAFFIC.

15. ALL TEMPORARY CONCRETE BARRIERS SHALL HAVE REFLECTORIZED DELINEATORS SPACED AT 20 FEET. AMBER SHALL BE USED TO THE LEFT OF TRAFFIC AND WHITE SHALL BE USED TO THE RIGHT OF TRAFFIC.

16. ALL TRAFFIC SAFETY DRUMS USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE OF A LOW DENSITY MATERIAL.

17. SEDIMENT CONTROL PROTECTION SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. ALL EXISTING INLETS IMPACTED BY THE CONSTRUCTION, AS WELL AS NEW INLETS, SHALL BE PROTECTED. SEE EROSION AND SEDIMENT CONTROL SHEETS FOR DETAILS.

18. RESIDENTS AFFECTED BY THE ALLEY ACCESS TEMPORARY CLOSURE SHALL BE ADVISED IN WRITING BY THE CONTRACTOR TO TAKE ALTERNATIVE ALLEY EGRESS & INGRESS.

19. RESIDENTS AFFECTED BY THE DRIVEWAY ACCESS TEMPORARY CLOSURE SHALL BE ADVISED IN WRITING BY THE CONTRACTOR TO PARK THEIR VEHICLES IN NEARBY PARKING ZONES.

20. NO WORK WILL BE PERMITTED DURING RUSH HOUR PERIODS EXCEPT IN THE WORK AREA BEHIND THE TEMPORARY BARRIER. RUSH HOUR PERIODS ARE DEFINED AS 6:30AM TO 9:30AM AND 3:30PM TO 6:30PM MONDAY THROUGH FRIDAY. NIGHT WORK WILL BE PERMITTED UPON APPROVAL BY THE ENGINEER. WORK WILL NOT BE PERMITTED ON SUNDAY OR NATIONAL OR DISTRICT HOLIDAYS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

21. WORK ZONE BARRIERS AND DRUMS SHALL BE LAID OUT SUCH THAT BUSES CAN ADEQUATELY MAKE TURNS. IN ADDITION:

    a) THE CONTRACTOR SHALL COORDINATE WITH WMATA REGARDING THE PROBABLE IMPACT OF THIS CONSTRUCTION UPON METRO BUS STOPS IN THE VICINITY. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH MR. JAMIE CEPLER OF METRO AT (202) 962-6085.

    b) WHEN A BUS STOP IS PUT OUT OF SERVICE DUE TO CONSTRUCTION, A TEMPORARY SIGN SHALL BE POSTED TO USE THE NEXT BUS STOP PROVIDING THE LOCATION. TEMPORARY BUS STOPS SHALL BE ESTABLISHED FOR IMPACTED BUS STOPS WHENEVER POSSIBLE.

    c) CONTRACTOR SHALL NOT BLOCK TWO CONSECUTIVE BUS STOPS UNLESS APPROVED BY THE CHIEF ENGINEER.

22. BUSINESSES, ESPECIALLY THOSE WITH LOADING ZONES, ALONG MINNESOTA AVE, N.E. THAT ARE AFFECTED BY THE CONSTRUCTION SHALL BE ADVISED IN WRITING AT LEAST 2 WEEKS IN ADVANCE BY THE CONTRACTOR THAT TRUCKS WILL NOT BE ABLE TO STOP IN FRONT OF THEIR BUSINESSES.

23. THE CONTRACTOR SHALL PROVIDE VMS BOARDS FOR TRAFFIC FROM WESTBOUND EAST CAPITOL STREET AND BOTH APPROACHES ON MINNESOTA AVENUE. VMS BOARDS SHALL BE PLACED A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION IMPACTS TO TRAFFIC. MESSAGE AND LOCATION SHALL BE APPROVED BY THE ENGINEER.

SIGN SYMBOL	SIGN STANDARD NUMBER	SIZE	SF PER SIGN	QUANTITY (EA)
	W20-1	36"X36"	6	2
	W9-3	36"X36"	6	2
	R9-9	30"X18"	3.75	4
	R9-9	48"X24"	8	4
	G20-2	36"X18"	4.5	2

MOT–01

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

MAINTENANCE OF TRAFFIC NOTES

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY FW
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE
FILE

SHEET 58 OF 88

c:\users\ngogo\documents\pw-amt-01\dms377161\DMT-GN001_SST.dgn
Monday, August 10, 2020 AT 05:19 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	59	88

SEQUENCE OF CONSTRUCTION

PHASE 1

1. MAINTAIN ONE THROUGH LANE OF TRAFFIC IN EACH DIRECTION ON S STREET NW.

2. CLOSE OFF WESTBOUND CURB LANE ON S STREET NW BETWEEN 6TH STREET NW AND 7TH STREET NW.

3. DETOUR PEDESTRIANS ON THE WESTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS.

4. CONSTRUCT SIDEWALK AS SHOWN ON PLANS.

PHASE 2

1. MAINTAIN ONE THROUGH LANE OF TRAFFIC IN EACH DIRECTION ON S STREET NW.

2. CLOSE OFF EASTBOUND CURB LANE ON S STREET NW BETWEEN 6TH STREET NW AND 7TH STREET NW.

3. DETOUR PEDESTRIANS ON THE EASTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS.

4. CONSTRUCT SIDEWALK AS SHOWN ON PLANS.

PHASE 3

1. MAINTAIN ONE THROUGH LANE OF TRAFFIC IN EACH DIRECTION ON S STREET NW.

2. CLOSE OFF WESTBOUND CURB LANE ON S STREET NW BETWEEN 6TH STREET NW AND NEW JERSEY AVENUE NW.

3. DETOUR PEDESTRIANS ON THE WESTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS; AND BETWEEN PEDESTRIANS AND WORKZONE.

4. CONSTRUCT CURB & GUTTER AS SHOWN ON PLANS.

PHASE 4

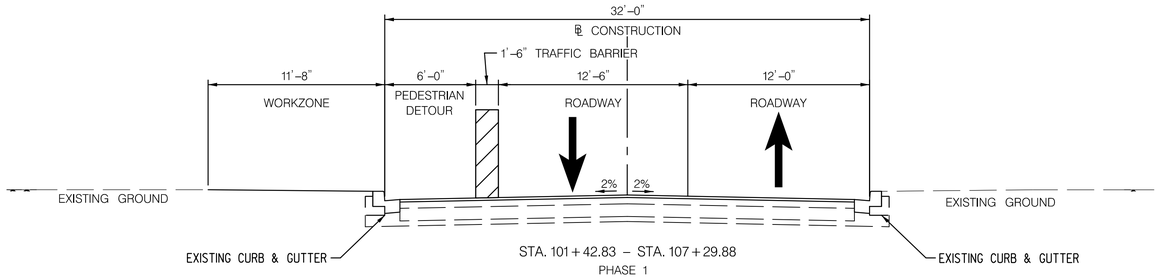
1. MAINTAIN ONE THROUGH LANE OF TRAFFIC IN EACH DIRECTION ON S STREET NW.

2. CLOSE OFF EASTBOUND CURB LANE ON S STREET NW BETWEEN 6TH STREET NW AND NEW JERSEY AVENUE NW.

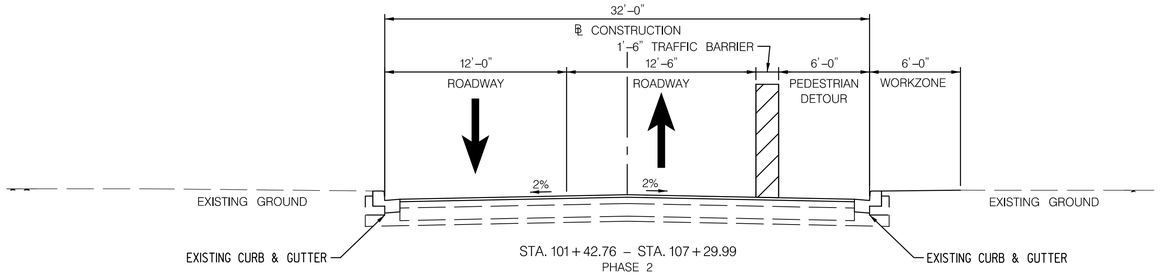
3. DETOUR PEDESTRIANS ON THE EASTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS; AND BETWEEN PEDESTRIANS AND WORKZONE.

4. CONSTRUCT CURB & GUTTER AS SHOWN ON PLANS.

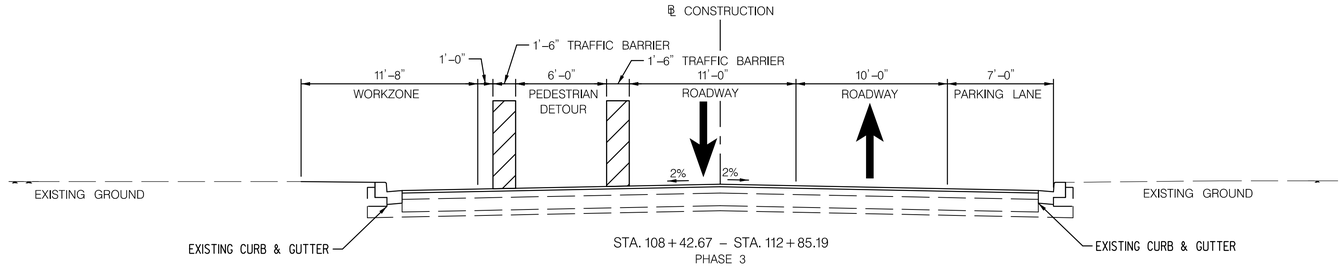
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS



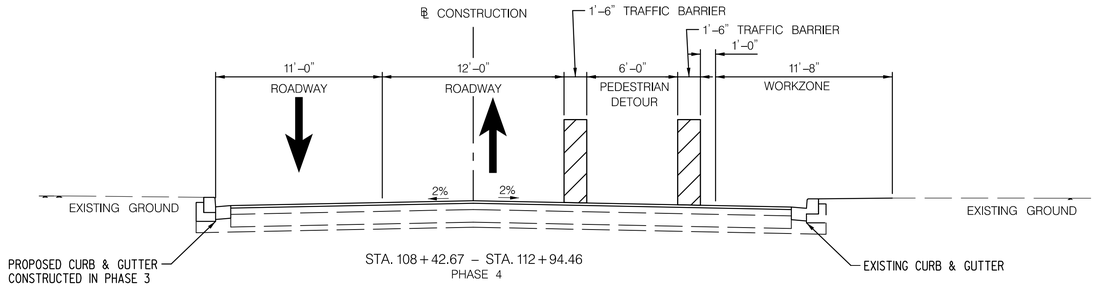
STA. 101+42.83 – STA. 107+29.88
PHASE 1



STA. 101+42.76 – STA. 107+29.99
PHASE 2



STA. 108+42.67 – STA. 112+85.19
PHASE 3



STA. 108+42.67 – STA. 112+94.46
PHASE 4

MOT–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY FW
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE
FILE
SHEET 59 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\lngogv\documents\pw-amt-01\dms37716\pMT-GN02_SSt.dgn
Monday, August 10, 2020 AT 05:19 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	60	88

N

N 454400
E 1305900

NOTE: WORK SHALL BE SUBDIVIDED SUCH THAT ONLY ONE CROSSWALK IS CLOSED AT ANY ONE TIME.

PEDESTRIANS CLOSED
SIDEWALK CLOSED

END ROAD WORK

PEDESTRIANS
SIDEWALK CLOSED

ALLEY

7TH ST NW

N 0° 01′ 39″ E

+50

101

S ST NW

102

103

104

105

S 89° 54′ 35″ E

N 454400
E 1306200

NOTE: WORK SHALL BE SUBDIVIDED SUCH THAT ONLY ONE CROSSWALK IS CLOSED AT ANY ONE TIME.

ALLEY

WILTBERGER ST NW

MATCHLINE – STA. 105+50
SEE SHEET MOT-1B

ROAD WORK AHEAD

CURB LANE CLOSED AHEAD

ALLEY

7TH ST NW

N 0° 01′ 39″ E

N 454200
E 1306200

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–1A

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

MAINTENANCE OF TRAFFIC
PHASE 1
STA. 100+00 TO STA. 105+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 60 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\pw-am1-01\dms377161\pMT_P001_160920.dgn
Monday, August 10, 2020 AT 05:20 PM
$PENTBL$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	61	88

N

MATCHLINE – STA. 105 + 50
SEE SHEET MOT–1A

MATCHLINE – STA. 111 + 50
SEE SHEET MOT–2A

N 454400
E 1306550

PEDESTRIANS
SIDEWALK
CLOSED

CURB
LANE
CLOSED
AHEAD

N 454400
E 1306850

ROAD
WORK
AHEAD

END
ROAD WORK

6TH ST NW
N 0° 03′ 34″ E

5TH ST NW
N 0° 02′ 24″ E

S ST NW
S 89° 54′ 35″ E

106 +50 107 +50 108 +50 109 +50 110 +50 111 +50

10 11 9 8 7 6

N 454200
E 1306850

MOT–1B

20′ 0 20′ 40′
SCALE: 1″=20′

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

MAINTENANCE OF TRAFFIC
PHASE 1
STA. 105 + 50 TO STA. 111 + 50

DIVISION CHIEF
DATE
FILE
SHEET 61 OF 88

c:\users\ingoga\documents\pw-am1-01\dms377116\pMT_P002_160920.dgn
Monday, August 10, 2020 AT 05:20 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	62	88

N

N 454400
E 1305900

END ROAD WORK

Alley

7TH ST NW

N 0° 01′ 39″ E

+50

10

N 454400
E 1306200

ALLEY

WILTBERGER ST NW

+50 101 S ST NW +50 102 +50 S 89° 54′ 35″ E 103 +50 104 +50 S ST NW 105 +50

MATCHLINE – STA 105+50
SEE SHEET MOT-2B

Alley

CURB LANE CLOSED AHEAD

ROAD WORK AHEAD

PEDESTRIANS

SIDEWALK CLOSED

NOTE: WORK SHALL BE SUBDIVIDED SUCH THAT ONLY ONE CROSSWALK IS CLOSED AT ANY ONE TIME.

SIDEWALK CLOSED

PEDESTRIANS

7TH ST NW

N 0° 01′ 39″ E

8

+50

SIDEWALK CLOSED

PEDESTRIANS

NOTE: WORK SHALL BE SUBDIVIDED SUCH THAT ONLY ONE CROSSWALK IS CLOSED AT ANY ONE TIME.

ALLEY

N 454200
E 1306200

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–2A

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

MAINTENANCE OF TRAFFIC
PHASE 2
STA. 100+00 TO STA. 105+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 62 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\lngogo\documents\pw-am1-01\dms377116\pMT_P003_160920.dgn
Monday, August 10, 2020 AT 05:20 PM
$PENTBL.S$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	63	88

N

MATCHLINE – STA. 105+50
SEE SHEET MOT-2A

MATCHLINE – STA. 111+50
SEE SHEET MOT-3A

N 454400
E 1306550

N 454400
E 1306850

N 454200
E 1306850

6TH ST NW

5TH ST NW

S ST NW

N 0° 03′ 34″ E

N 0° 02′ 24″ E

S 89° 54′ 35″ E

106 +50 107 +50 108 +50 109 +50 110 +50 111 +50

CURB LANE CLOSED AHEAD

ROAD WORK AHEAD

SIDEWALK CLOSED
PEDESTRIANS

END ROAD WORK

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–2B

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

MAINTENANCE OF TRAFFIC
PHASE 2
STA. 105+50 TO STA. 111+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 63 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingoga\documents\pw-am1-01\dms37716\pMT_P004_160920.dgn
Monday, August 10, 2020 AT 05:20 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	64	88

N

MATCHLINE – STA. 105+50
SEE SHEET MOT–2B

MATCHLINE – STA. 111+50
SEE SHEET MOT–3B

N 454400
E 1306550

N 454400
E 1306850

N 454200
E 1306850

6TH ST NW

5TH ST NW

S ST NW

S 89° 54′ 35″ E

N 0° 03′ 34″ E

N 0° 02′ 24″ E

106 +50 107 +50 108 +50 109 +50 110 +50 111

END ROAD WORK

ROAD WORK AHEAD

CURB LANE CLOSED AHEAD

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–3A

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

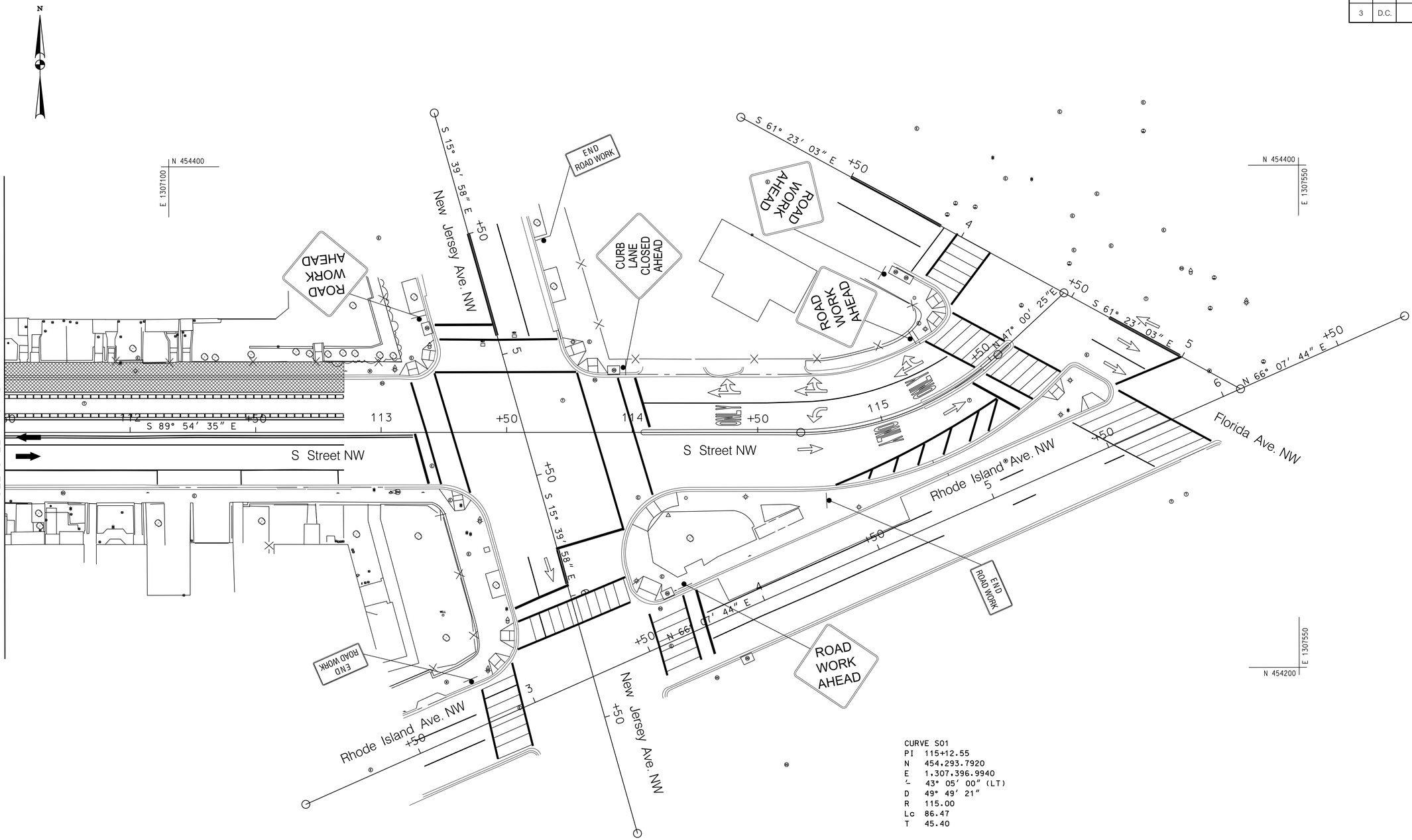
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

MAINTENANCE OF TRAFFIC
PHASE 3
STA. 105+50 TO STA. 111+50

DIVISION CHIEF
DATE
FILE
SHEET 64 OF 88

c:\users\ingoga\documents\pw-amt-01\dms377116\pMT_P005_160920.dgn
Monday, August 10, 2020 AT 05:21 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	65	88



MOT–3B

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

MAINTENANCE OF TRAFFIC
PHASE 3
STA. 111+50 TO STA. 115+89.58

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 65 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingogg\documents\pw-am1-01\dms377161\pMT_P006_160920.dgn
Monday, August 10, 2020 AT 05:21 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	66	88

N

MATCHLINE – STA. 105+50
SEE SHEET MOT-3B

MATCHLINE – STA. 111+50
SEE SHEET MOT-4B

N 454400
E 1306550

N 454400
E 1306850

N 454200
E 1306850

END ROAD WORK

ROAD WORK AHEAD

CURB LANE CLOSED AHEAD

6TH ST NW
N 0° 03′ 34″ E

5TH ST NW
N 0° 02′ 24″ E

S ST NW
S 89° 54′ 35″ E

106 +50 107 +50 108 +50 109 +50 110 +50 111

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–4A

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

MAINTENANCE OF TRAFFIC
PHASE 4
STA. 105+50 TO STA. 111+50

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 66 OF 88

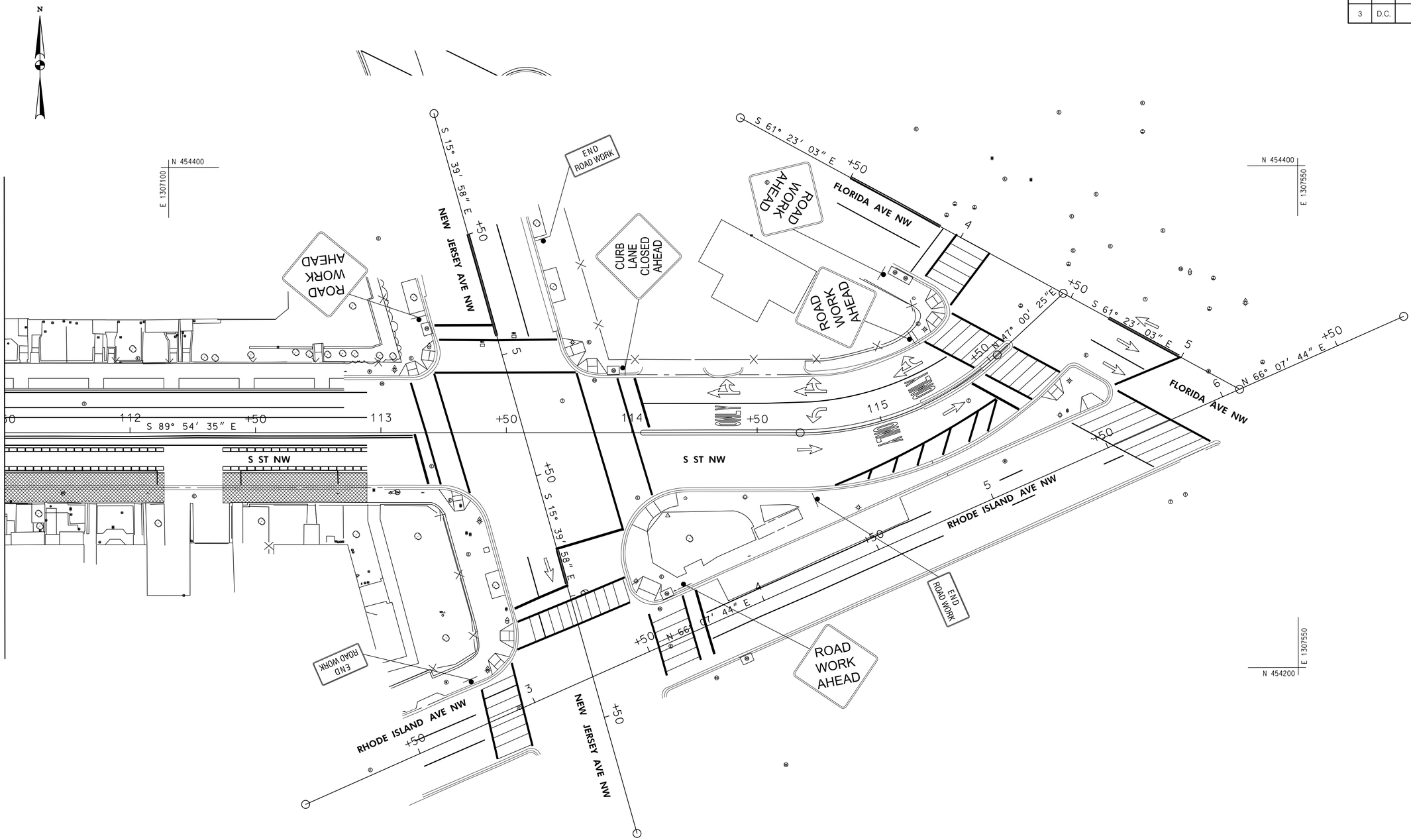
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingogg\documents\pw-amt-01\dms377116\pMT_P007_160920.dgn
Monday, August 10, 2020 AT 04:34 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	67	88



MOT–4B

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

MAINTENANCE OF TRAFFIC
PHASE 4
STA. 111+50 TO STA. 115+89.58

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 67 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ingogo\documents\pw-gmt-01\dms37716\pMT_P008_160920.dgn
Monday, August 10, 2020 AT 04:34 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	68	88

SEDIMENT AND EROSION CONTROL GENERAL NOTES

1. FOLLOWING INITIAL LAND DISTURBANCE OR RE–DISTURBANCE, PERMANENT OR INTERIM STABILIZATION MUST BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS FOR THE SURFACES OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND SLOPES GREATER THAN THREE (3) HORIZONTAL TO ONE (1) VERTICAL (3:1); AND FOURTEEN (14) DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. THESE REQUIREMENTS DO NOT APPLY TO AREAS SHOWN ON THE PLAN THAT ARE USED FOR MATERIAL STORAGE OTHER THAN STOCKPILING, OR FOR THOSE AREAS ON THE PLAN WHERE ACTUAL CONSTRUCTION ACTIVITIES ARE BEING PERFORMED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY SO THAT STABILIZED AREAS CONTINUOUSLY MEET THE APPROPRIATE REQUIREMENTS OF THE DISTRICT OF COLUMBIA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (ESC).
2. ESC MEASURES SHALL BE IN PLACE BEFORE AND DURING LAND DISTURBANCE.
3. CONTACT DDOE INSPECTION (202) 535–2977 TO SCHEDULE A PRECONSTRUCTION MEETING AT LEAST THREE (3) BUSINESS DAYS BEFORE THE COMMENCEMENT OF A LAND–DISTURBING ACTIVITY.
4. A COPY OF THE APPROVED PLAN SET WILL BE MAINTAINED AT THE CONSTRUCTION SITE FROM THE DATE THAT CONSTRUCTION ACTIVITIES BEGIN TO THE DATE OF FINAL STABILIZATION AND WILL BE AVAILABLE FOR DDOE INSPECTORS.
5. ESC MEASURES SHALL BE IN PLACE TO STABILIZE AN EXPOSED AREA AS SOON AS PRACTICABLE AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED BUT NO LATER THAN FOURTEEN (14) DAYS FOLLOWING CESSATION, EXCEPT THAT TEMPORARY OR PERMANENT STABILIZATION SHALL BE IN PLACE AT THE END OF EACH DAY OF UNDERGROUND UTILITY WORK THAT IS NOT CONTAINED WITHIN A LARGER DEVELOPMENT SITE.
6. STOCKPILED MATERIAL BEING ACTIVELY USED DURING A PHASE OF CONSTRUCTION SHALL BE PROTECTED AGAINST EROSION BY ESTABLISHING AND MAINTAINING PERIMETER CONTROLS AROUND THE STOCKPILE.
7. STOCKPILED MATERIAL NOT BEING ACTIVELY USED OR ADDED TO SHALL BE STABILIZED WITH MULCH, TEMPORARY VEGETATION, HYDRO–SEED OR PLASTIC WITHIN FIFTEEN (15) CALENDAR DAYS AFTER ITS LAST USE OR ADDITION.
8. PROTECT BEST MANAGEMENT PRACTICES FROM SEDIMENTATION AND OTHER DAMAGE DURING CONSTRUCTION FOR PROPER POST CONSTRUCTION OPERATION.
9. REQUEST A DDOE INSPECTOR?S APPROVAL AFTER THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
10. REQUEST A DDOE INSPECTOR?S APPROVAL AFTER FINAL STABILIZATION OF THE SITE AND BEFORE THE REMOVAL OF EROSION AND SEDIMENT CONTROLS.
11. FINAL STABILIZATION MEANS THAT ALL LAND–DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND EITHER OF THE FOLLOWING TWO CRITERIA HAVE BEEN MET: (1) A UNIFORM (FOR EXAMPLE, EVENLY DISTRIBUTED, WITHOUT LARGE BARE AREAS) PERENNIAL VEGETATIVE COVER WITH A DENSITY OF SEVENTY PERCENT (70%) OF THE NATIVE BACKGROUND VEGETATIVE COVER FOR THE AREA HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, OR (2) EQUIVALENT PERMANENT STABILIZATION MEASURES HAVE BEEN EMPLOYED (SUCH AS THE USE OF RIPRAP, GABIONS, OR GEOTEXTILES).
12. FOLLOW THE REQUIREMENTS OF THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND MAINTAIN A LEGIBLE COPY OF THIS SWPPP ON SITE.
13. POST A SIGN THAT NOTIFIES THE PUBLIC TO CONTACT DDOE IN THE EVENT OF EROSION OR OTHER POLLUTION. THE SIGN WILL BE PLACED AT EACH ENTRANCE TO THE SITE OR AS DIRECTED BY THE DDOE INSPECTOR. EACH SIGN WILL BE NO LESS THAN 18 X 24 INCHES IN SIZE AND MADE OF MATERIALS THAT WILL WITHSTAND WEATHER FOR THE DURATION OF THE PROJECT. LETTERING WILL BE AT LEAST 1 INCH IN HEIGHT AND EASILY READABLE BY THE PUBLIC FROM A DISTANCE OF TWELVE FEET (12 FT). THE SIGN MUST DIRECT THE PUBLIC, IN SUBSTANTIALLY THE FOLLOWING FORM: ?TO REPORT EROSION, RUNOFF, OR STORMWATER POLLUTION? AND WILL PROVIDE THE CONSTRUCTION SITE ADDRESS, DDOE?S TELEPHONE NUMBER (202–535–2977), DDOE?S E–MAIL ADDRESS (IEB.SCHEDULING@DC.GOV), AND THE 311 MOBILE APP HEADING (?CONSTRUCTION–EROSION RUNOFF?).
14. A RESPONSIBLE PERSON MUST BE PRESENT OR AVAILABLE WHILE THE SITE IS IN A LAND–DISTURBING PHASE. THE RESPONSIBLE PERSON IS CHARGED WITH BEING AVAILABLE TO (A) INSPECT THE SITE AND ITS ESC MEASURES AT LEAST ONCE BIWEEKLY AND AFTER A RAINFALL EVENT TO IDENTIFY AND REMEDY EACH POTENTIAL OR ACTUAL EROSION PROBLEM, (B) RESPOND TO EACH POTENTIAL OR ACTUAL EROSION PROBLEM IDENTIFIED BY CONSTRUCTION PERSONNEL, AND (C) SPEAK ON SITE WITH DDOE TO REMEDY EACH POTENTIAL OR ACTUAL EROSION PROBLEM. A RESPONSIBLE PERSON SHALL BE (A) LICENSED IN THE DISTRICT OF COLUMBIA AS A CIVIL OR GEOTECHNICAL ENGINEER, A LAND SURVEYOR, OR ARCHITECT; OR (B) CERTIFIED THROUGH A TRAINING PROGRAM THAT DDOE APPROVES, INCLUDING A COURSE ON EROSION CONTROL PROVIDED BY ANOTHER JURISDICTION OR PROFESSIONAL ASSOCIATION. DURING CONSTRUCTION, THE RESPONSIBLE PERSON SHALL KEEP ON SITE PROOF OF PROFESSIONAL LICENSING OR OF SUCCESSFUL COMPLETION OF A DDOE–APPROVED TRAINING PROGRAM.
15. ALL DEBRIS IS TO BE REMOVED FROM SITE AND DISPOSED OF AT A LEGAL, OFF–SITE LOCATION.
16. ALLEY AND/OR STREETS/SIDEWALKS SHALL BE SWEPT CLEAN AT ALL TIMES DURING DEMOLITION, EXCAVATION AND CONSTRUCTION.
17. ALL CATCH BASINS AND DRAIN AREAS SHALL BE PROTECTED DURING EXCAVATION AND CONSTRUCTION.
18. IF ANY CATCH BASINS OR DRAINS BECOME CLOGGED AS A RESULT OF DEMOLITION, EXCAVATION OR CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.
19. SEDIMENT CONTROL FOR UTILITY CONSTRUCTION FOR AREAS OUTSIDE OF DESIGNED CONTROLS OR AS DIRECTED BY ENGINEER OR DOEE INSPECTOR:

(A) CALL "MISS UTILITY" AT 1–800–257–7777 48 HOURS PRIOR TO THE START OF WORK.
(B) EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
(C) TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCHES SHALL BE OPENED THAN CAN BE COMPLETED THE SAME DAY, UNLESS;
(D) TEMPORARY SILT FENCE SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.

20. OFF–SITE SPOIL, WASTE, OR BORROW AREAS IN THE DISTRICT OF COLUMBIA OR ON FEDERAL PROPERTY MUST HAVE PRIOR APPROVAL BY DCRA. ALL WASTE AND BORROW AREAS OFF–SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED IN ACCORDANCE WITH THE ORDINANCES AND REGULATIONS OF THE JURISDICTION WHERE THE SPOIL, WASTE, OR BORROW AREA IS LOCATED/STABILIZED.

STANDARD EROSION AND SEDIMENT CONTROL SEQUENCE

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING. PROVIDE TEMPORARY STONE CONSTRUCTION ENTRANCE WHERE SHOWN.
2. PROVIDE WATER SOURCE AND HOSE TO CLEAN ALL EQUIPMENT LEAVING SITE.
3. INSTALL INLET PROTECTION, TREE PROTECIOTN AND SILT FENCE AS SHOWN.
4. NO DISTURBED AREA SHALL BE DENUDED FOR MORE THAN 7 CALENDAR DAYS. INSTALL THE NECESSARY TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL.
5. ALL CONSTRUCTION SHALL BE INSPECTED DAILY BY THE CONTRACTOR, AND ANY DAMAGED SILTATION OR EROSION CONTROL DEVICES OR MEASURES SHALL BE REPAIRED AT THE CLOSE OF THE DAY.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE MAINTAINED IN WORKING CONDITION.
7. STABILIZED CONSTRUCTION ENTRANCES TO BE PERIODICALLY SUPPLEMENTED WITH ADDITIONAL STONE AS NEEDED.
8. CONTROLS CAN BE REMOVED AFTER THEIR CONTRIBUTING BASINS HAVE BEEN PERMANENTLY STABILIZED, AND APPROVAL OF INSPECTOR IS OBTAINED IN ACCORDANCE WITH GENERAL NOTES THIS SHEET.

SITE INFORMATION

TOTAL AREA OF SITE	X.XX ACRES
TOTAL AREA DISTURBED	1.09 ACRES
TOTAL CUT*	X,XXX CY
TOTAL FILL*	X,XXX CY

*THESE NUMBERS ARE FOR PERMIT PURPOSES ONLY AND NOT FOR BIDDING

OFFSITE WASTE/BORROW LOCATION:

TO BE SUBMITTED BY AREA LOCATION CONTRACTOR FOR APPROVAL

STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

1. THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE SO AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
2. THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON–SITE DUST CONTROL.
3. THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
4. THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON–SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
5. FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
   A. APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, WITH DISCHARGE PRESSURE GAUGE.
   B. ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER.
   C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8kPa), MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
6. FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
   A. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.
   B. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
   C. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.

STREET SWEEPING

1. STREETS WITHIN ONE MILE (1.6km) SHALL BE INSPECTED DAILY, ANY DROPPED SOIL, DUST AND/OR DEBRIS SHALL BE REMOVED.
2. VACUUM TYPE STREET CLEANER SHALL BE USED TO EFFECTIVELY REMOVE TOTAL DUST AND DIRT ON PAVED SURFACES.
3. ROADS SHALL BE SWEPT ON A WEEKLY BASIS (MINIMUM) DURING ALL ON AND OFF SITE HAULING OPERATIONS FOR UP TO ONE MILE (1.61km) ALONG HAUL ROUTES.

EN–01

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

EROSION AND SEDIMENT CONTROL NOTES

DIVISION CHIEF
DATE
FILE
SHEET 68 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

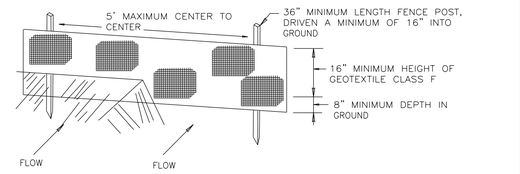
NO	DESCRIPTION	NAME	DATE

REVISIONS

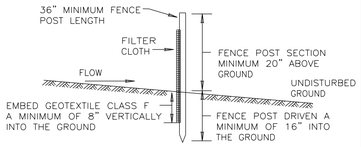
$PENTBLS$
$PLTDRVS$
c:\users\ingogo\documents\pw-amt-01\dms37716\pES_NOLSStNW.dgn
Monday, August 10, 2020 AT 04:34 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	69	88

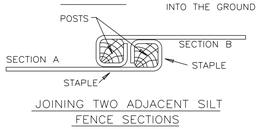
DETAIL 4 – SILT FENCE



PERSPECTIVE VIEW



CROSS SECTION



JOINING TWO ADJACENT SILT FENCE SECTIONS

STANDARD SYMBOL



Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 11/2" x 11/2" square (minimum) cut, or 13/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid–section and shall meet the following requirements for Geotextile Class F:

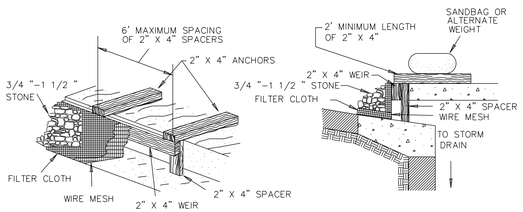
Tensile Strength	50 lbs/in (min.)	Test: ASTM D–4595
Tensile Modulus	20 lbs/in (min.)	Test: ASTM D–4595
Flow Rate	0.3 gal/ft²/minute (max.)	Test: ASTM D–5141
Filtering Efficiency	75% (min.)	Test: ASTM D–5141

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 30" the fabric height.

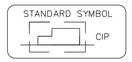
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE	PAGE B – 5 – 3	WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

DETAIL 6C – CURB INLET PROTECTION (COG OR COS INLETS)



MAX. DRAINAGE AREA = 1/4 ACRE

STANDARD SYMBOL



Construction Specifications

1. Attach a continuous piece of wire mesh (30" minimum width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard drawing.

2. Place a continuous piece of Geotextile Class E the same dimensions as the wire mesh over the wire mesh and securely attach it to the 2" x 4" weir.

3. Securely nail the 2" X 4" weir to a 9" long vertical spacer to be located between the weir and the inlet face (max. 4' apart).

4. Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations). These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.

5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.

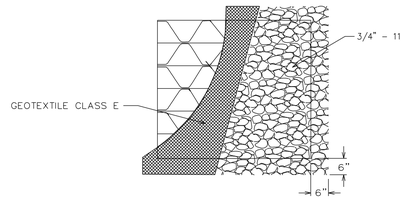
6. Form the 1/2 " x 1/2 " wire mesh and the geotextile fabric to the concrete gutter and against the face of the curb on both sides of the inlet. Place clean 3/4 " x 1 1/2 " stone over the wire mesh and geotextile in such a manner to prevent water from entering the inlet under or around the geotextile.

7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.

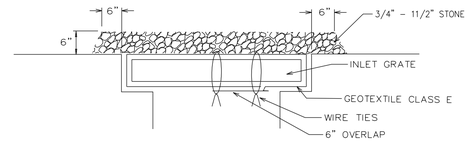
8. Assure that storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE	PAGE B – 7 – 7	WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

DETAIL 6B – AT GRADE INLET PROTECTION



PLAN/CUT AWAY VIEW



CROSS SECTION

STANDARD SYMBOL



MAX. DRAINAGE AREA = 1/4 ACRE

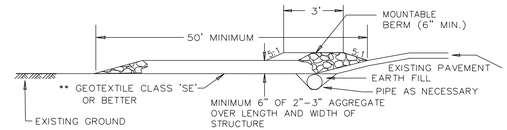
Construction Specifications

1. Lift grate and wrap with Geotextile Class E to completely cover all openings, then set grate back in place.

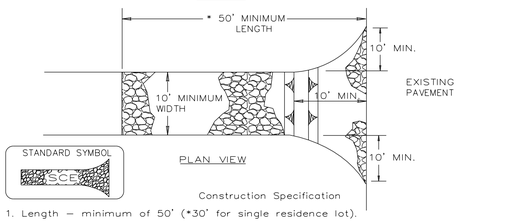
2. Place 3/4" to 11/2" stone, 4"–6" thick on the grate to secure the fabric and provide additional filtration.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE	PAGE B – 7 – 6	WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

DETAIL 1 – STABILIZED CONSTRUCTION ENTRANCE



PROFILE



STANDARD SYMBOL

PLAN VIEW

Construction Specification

1. Length – minimum of 50' (*30' for single residence lot).

2. Width – 10' minimum, should be flared at the existing road to provide a turning radius.

3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.

4. Stone – crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.

5. Surface Water – all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required. The mountable berm is required on all SCEs not located at a high spot.

6. Location – A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE	PAGE A – 1 – 3	WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

NOTE:
SEE LANDSCAPING PLANS FOR TREE PROTECTION DETAILS.

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

EN–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EROSION AND SEDIMENT CONTROL DETAILS

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 69 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	70	88

N

LOT 805
LOT 55
LOT 803
LOT 802
9.667' WIDE PUBLIC ALLEY
SQUARE 0417
LOT 39 LOT 38 LOT 37 LOT 36 LOT 35 LOT 34
10' WIDE PUBLIC ALLEY

POT Sta. 10+45.22
POT Sta. 100+00.00
POT Sta. 7+00.00
59+00
58+00
56+00
INBOUND TRACK CENTERLINE
OUTBOUND TRACK CENTERLINE
9TH ST NW
7TH ST NW
N 0° 01' 39" E 10
N 0° 01' 39" E 8
(65' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
S ST NW
(90' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
S 89° 54' 35" E
S ST NW POT STA. 102+12.02 = 7TH ST NW POT STA. 8+59.25
WILTBERGER ST NW
(30' WIDE PUBLIC STREET) ONE-WAY TRAFFIC
ALLEY
15' WIDE PUBLIC ALLEY
16' WIDE PUBLIC ALLEY
WMATA P.S.E.
WMATA P.U.E.
WMATA ROW
SQUARE 0441
LOT 99
LOT 858
LOT 859
SQUARE 0441
LOT 101
LOT 88 LOT 87 LOT 86 LOT 85 LOT 84 LOT 83 LOT 82 LOT 81 LOT 80
SQUARE 0417
LOT 53
SQUARE 0419
LOT 34
LOT 32
LOT 824
SQUARE 0419
LOT 36
LOT 111
SQUARE 0442
LOT 105
LOT 92
LOT 114
SQUARE 0442
LOT 110
LOT 810
LOT 88
101 102 103 104 105
+50
EX-5
EX-6
EX-44
I-1 I-2 I-3 I-4
AGIP
LOD
MATCHLINE – STA. 105+50
SEE SHEET ES-02

LEGEND

LOD ——— LOD	LIMIT OF DISTURBANCE
CIP	CURB INLET PROTECTION
AGIP	AT GRADE INLET PROTECTION
SF ——— SF	SILT FENCE
	TREE PROTECTION FENCE

20' 0 20' 40'
SCALE: 1"=20'

ES-01

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EROSION AND SEDIMENT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 70 OF 88

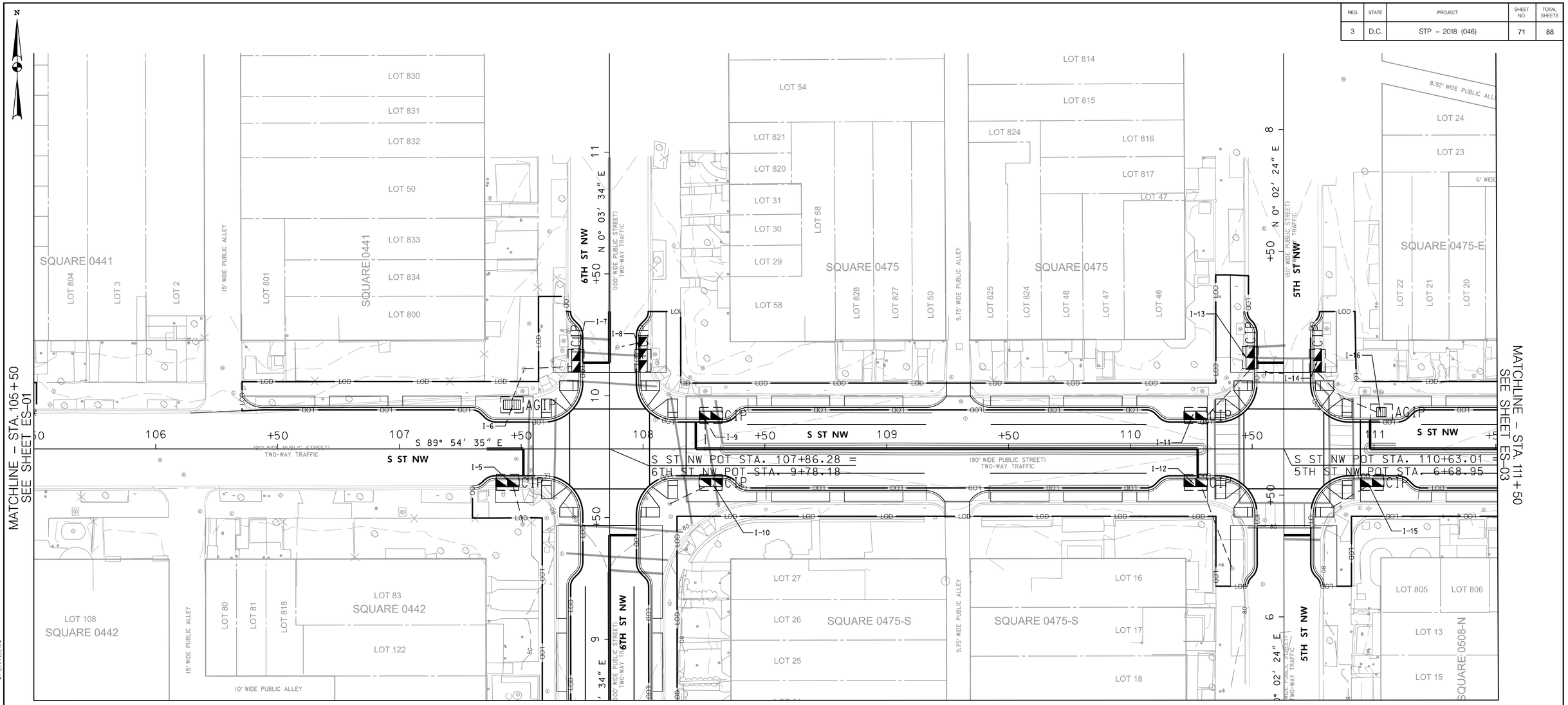
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

c:\users\ngoga\documents\pw-amt-01\dms377161\pES_P001_SStNW.dgn
Monday, August 10, 2020 AT 05:22 PM
$PENTBLS$
$PLTDRV$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	71	88



ES–02

LEGEND

LOD ——— LOD	LIMIT OF DISTURBANCE
CIP	CURB INLET PROTECTION
AGIP	AT GRADE INLET PROTECTION
SF ——— SF	SILT FENCE
———	TREE PROTECTION FENCE

20′ 0 20′ 40′
SCALE: 1"=20′

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EROSION AND SEDIMENT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 71 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBL.S$
$PLTDRVS$
c:\users\lngoga\documents\pw-am1-01\dms37716\pES_P002_SSTNW.dgn
Monday, August 10, 2020 AT 05:22 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 4208 (008)	72	88

LEGEND

- LOD ——— LOD — LIMIT OF DISTURBANCE
- CIP — CURB INLET PROTECTION
- AGIP — AT GRADE INLET PROTECTION
- SF ——— SF — SILT FENCE
- ——— TREE PROTECTION FENCE

MATCHLINE – STA. 111+50
SEE SHEET ES-02

POT Sta. 4+00.00

POT Sta. 3+00.00

S ST NW POT STA. 115+89.58 =
FLORIDA AVE NW POT STA. 4+46.47

EQUATION:
Sta 115+89.58 BK =
Sta 115+77.66 AH

POT Sta. 6+78.9

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 5+32.18

PT Sta. 115+53.62

PC Sta. 114+67.15

EQUATION:
Sta 5+26.55 BK =
Sta 5+79.18 AH

RHODE ISLAND AVE NW POT STA. 6+7.43 =
FLORIDA AVE NW POT STA. 5+26.55

RHODE ISLAND AVE NW POT STA. 3+25.29 =
NEW JERSEY AVE NW POT STA. 6+33.23

ES-03

SCALE: 1"=20'

NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

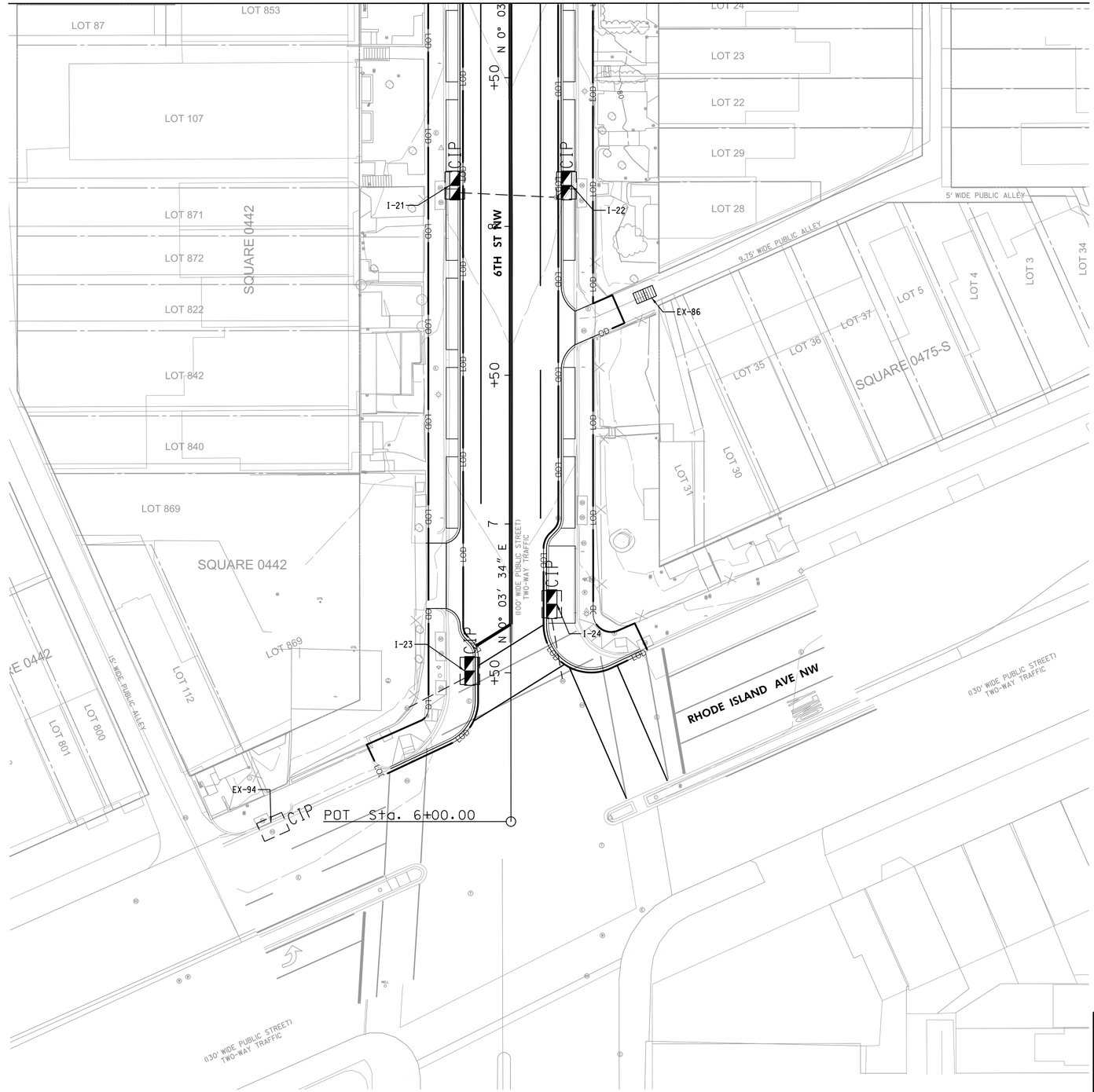
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

EROSION AND SEDIMENT PLAN

DIVISION CHIEF
DATE
FILE
SHEET 72 OF 88

c:\users\ingogo\documents\pw-gmt-01\dms37716\pES_P003_SS+NW.dgn
Monday, August 10, 2020 AT 04:35 PM
$PENTBL$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	73	88



20′ 0 20′ 40′
SCALE: 1"=20′

LEGEND

LOD ——— LOD	LIMIT OF DISTURBANCE
CIP	CURB INLET PROTECTION
AGIP	AT GRADE INLET PROTECTION
SF ——— SF	SILT FENCE
———	TREE PROTECTION FENCE

ES-04

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

EROSION AND SEDIMENT PLAN

PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET 73 OF 88

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

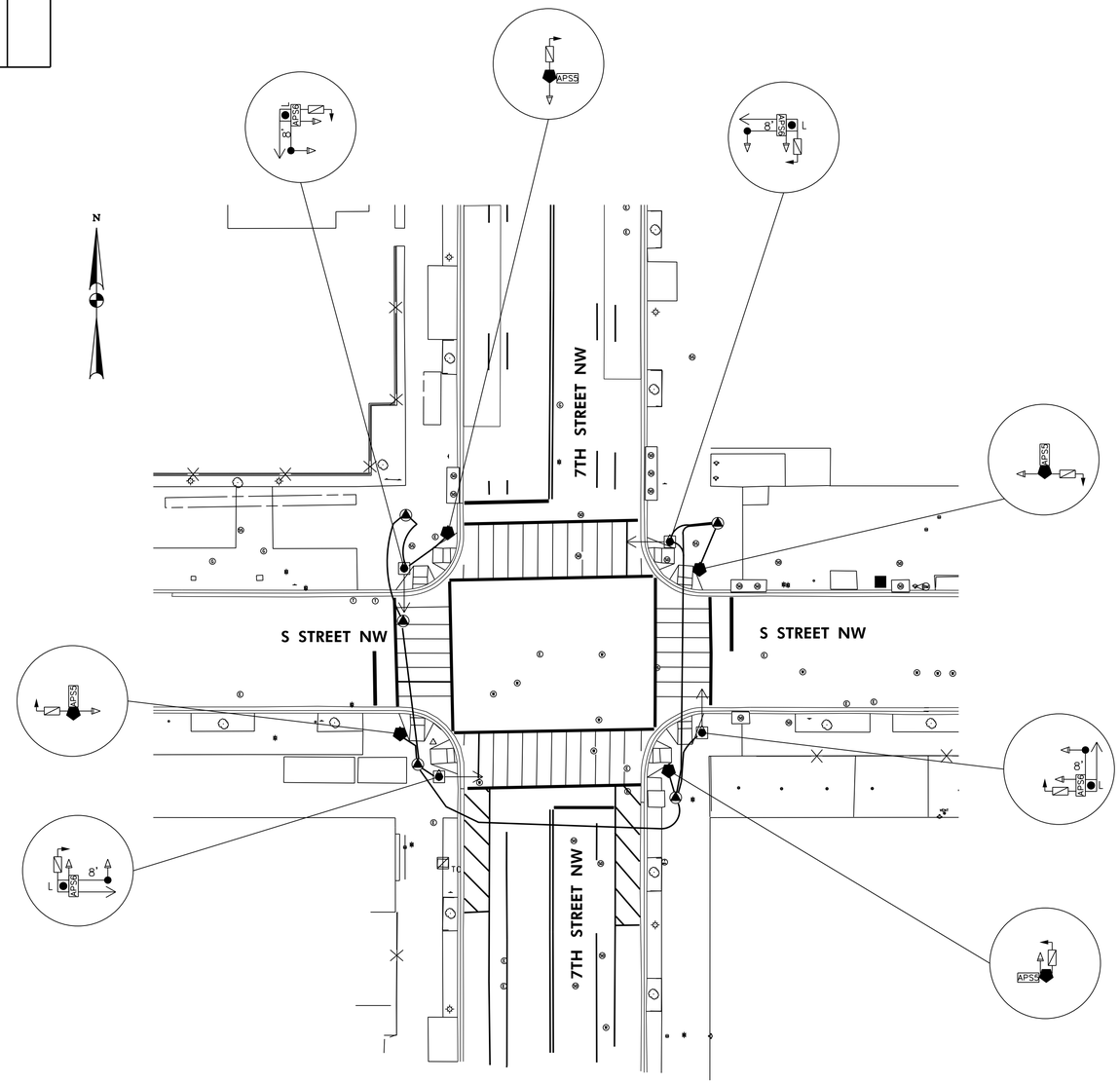
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		74	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.
F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.
J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.
K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.
M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

7TH STREET AND S STREET, N.W

TRAFFIC SIGNAL MODIFICATION

SUBMITTED: _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

RECOMMENDED _____ TRAFFIC SIGNAL DESIGN PROJECT MANAGER _____ DATE

_____ ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER _____ DATE

APPROVED _____ TRAFFIC SIGNAL PROGRAM MANAGER _____ DATE

ACISA
.
EXIST.
FIELD CHECKED BY TW
DESIGNED BY TW
DRAWN BY IN
REVIEWED BY LM
DATE 8 /20
SCALE 1" = 20'
SHEET . OF .
DRAWING NO. .

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		75	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.

B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.

C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.

E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.

F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.

G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.

H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

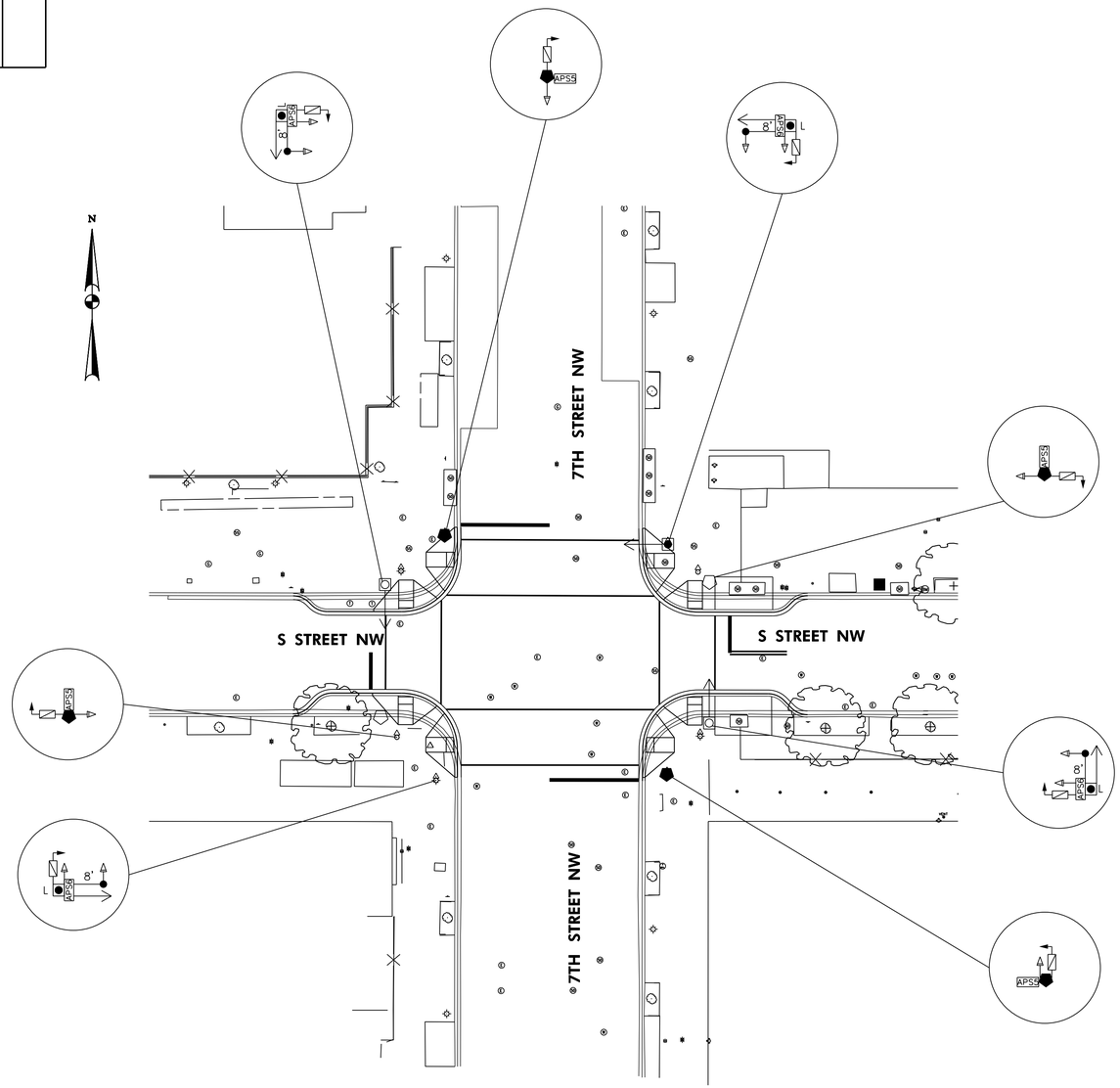
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.

J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.

K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.

M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

ACISA

FINAL

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

7TH STREET AND S STREET, N.W

TRAFFIC SIGNAL MODIFICATION

SUBMITTED: _____ DATE
TRAFFIC SIGNAL PROJECT ENGINEER

RECOMMENDED _____ DATE
TRAFFIC SIGNAL DESIGN PROJECT MANAGER

_____ DATE
ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER

APPROVED _____ DATE
TRAFFIC SIGNAL PROGRAM MANAGER

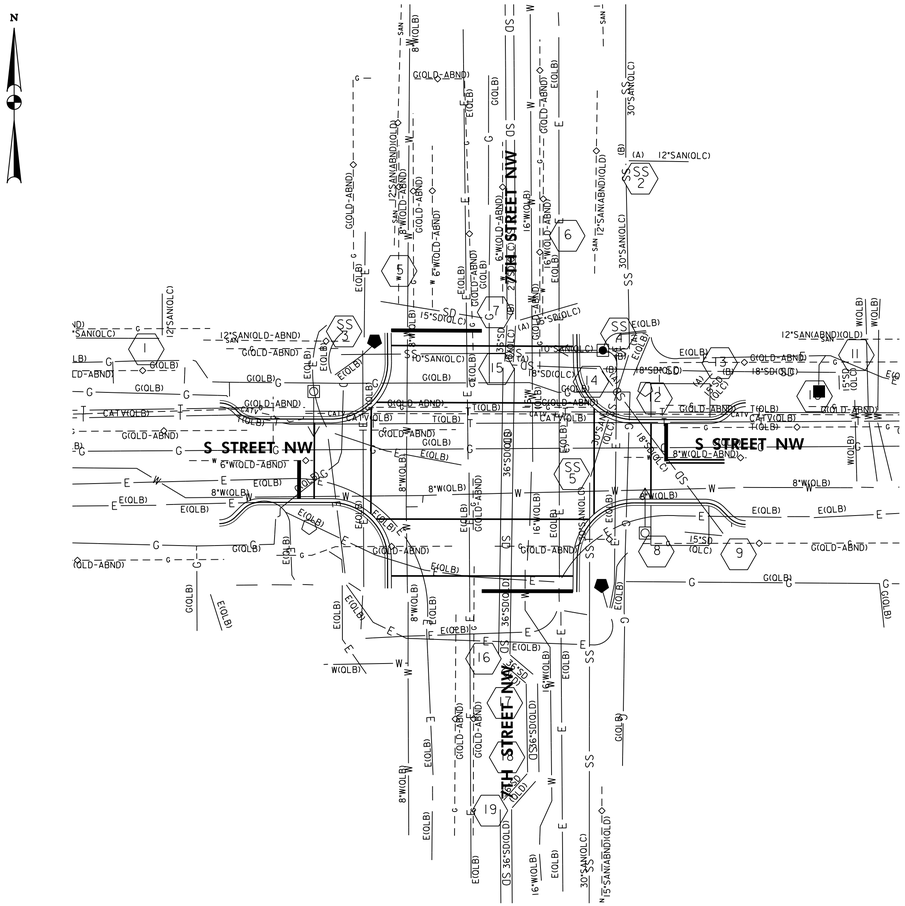
FIELD CHECKED BY	TW
DESIGNED BY	TW
DRAWN BY	IN
REVIEWED BY	LM
DATE	8 /20
SCALE	1" = 20'
SHEET / OF	. / .
DRAWING NO.	.

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		76	88

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.
6. THE UTILITY COMPANY WILL REQUIRE A CONNECTION CHARGE FOR EACH TRAFFIC SIGNAL CONNECTION. THE COST FOR THIS CHARGE IS THE RESPONSIBILITY OF THE PERMITTEE OR HIS CONTRACTOR.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 4-4" ECLECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" & 2-4" ELECTRICAL PVC CONDUIT
- PROPOSED 4'X4'X4' MANHOLE
- PROPOSED 3'X3'X3' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- PROPOSED TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP WITH TRUNCATED DOMES
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND COMMUNICATION LINE
- UNDERGROUND GAS LINE
- UNDERGROUND STORM PIPE
- UNDERGROUND WATER PIPE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY DATE

ACISA

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

7TH STREET AND S STREET, N.W

TRAFFIC SIGNAL UTILITY PLAN

SUBMITTED: TRAFFIC SIGNAL PROJECT ENGINEER DATE

RECOMMENDED TRAFFIC SIGNAL DESIGN PROJECT MANAGER DATE

ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER DATE

APPROVED TRAFFIC SIGNAL PROGRAM MANAGER DATE

FIELD CHECKED BY	TW
DESIGNED BY	TW
DRAWN BY	IN
REVIEWED BY	LM
DATE	8 /20
SCALE	1" = 20'
SHEET	. / . OF
DRAWING NO.	.

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		77	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.

B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.

C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.

E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.

F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.

G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.

H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

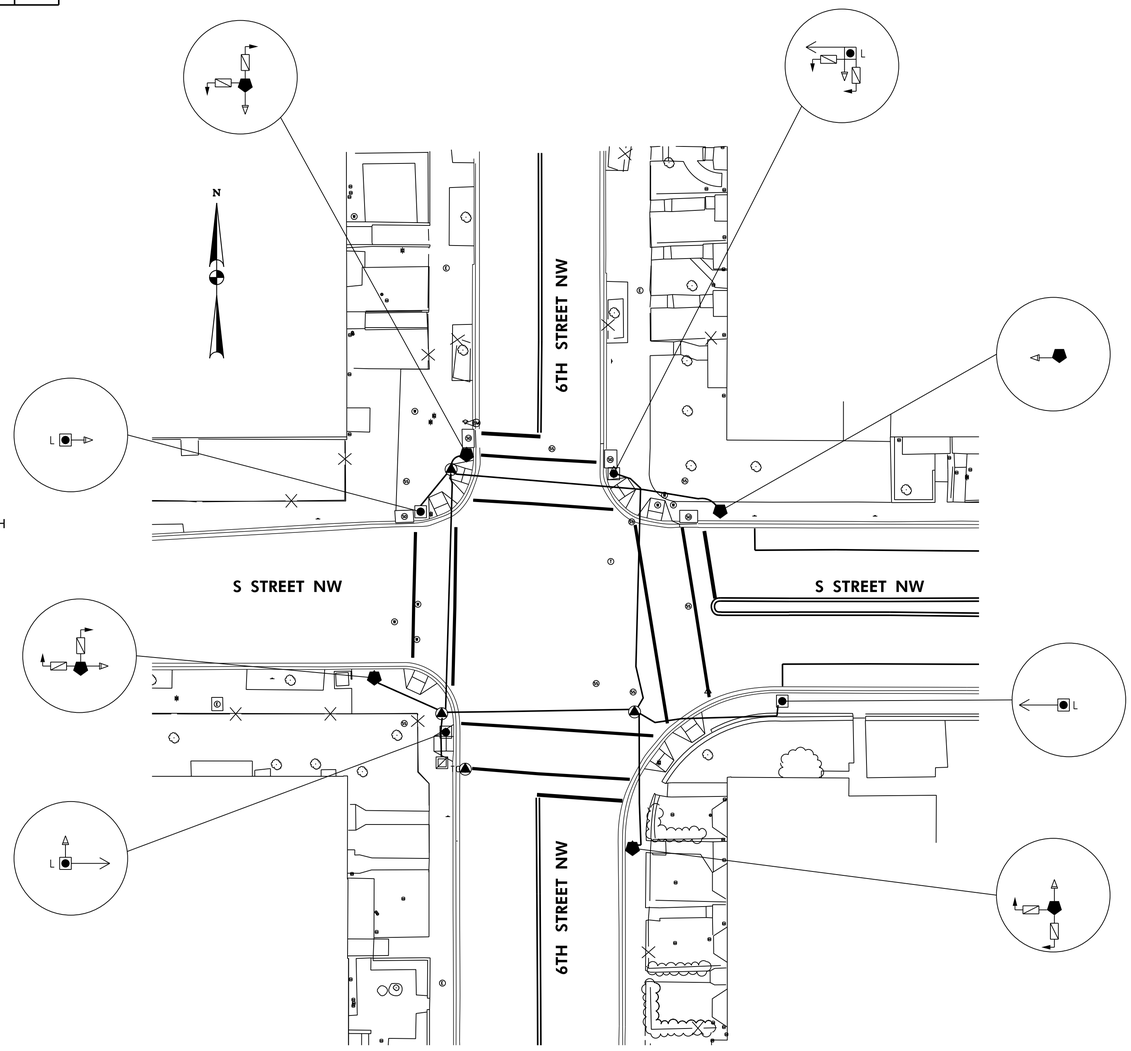
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.

J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.

K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.

M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

TC	EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM	A.
*	EXISTING LOCATION FOR PEPCO POWER CONNECTION	
L	EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE	
	EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE	
	EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE	B.
L	PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE	
	PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE	
	EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)	C.
	EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)	
	EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")	D.
	PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)	E.
	PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")	
	EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT	F.
	PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT	
8'	EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP	G.
8'	PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP	
	EXISTING TS/SL CONDUIT	H.
	PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT	
	EXISTING 4'X4'X4' MANHOLE	I.
E	EXISTING PEPCO MANHOLE	
T	EXISTING TELEPHONE MANHOLE	J.
SS	EXISTING SANITARY SEWER MANHOLE	
W.M.	EXISTING WATER METER	
W	EXISTING WATER MANHOLE	K.
W.V.	EXISTING WATER VALVE	
D	EXISTING CATCH BASIN	L.
D	EXISTING STORM MANHOLE	
	EXISTING TREE	M.
	EXISTING WHEELCHAIR/BICYCLE RAMP	
	PROPOSED WHEELCHAIR/BICYCLE RAMP	
APS1	ACCESSIBLE PEDESTRIAN SIGNAL	
	RIGHT OF WAY LINE	

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

ACISA .

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

EXIST.

6TH STREET AND S STREET, N.W.

TRAFFIC SIGNAL MODIFICATION PLAN

FIELD CHECKED BY: TW
DESIGNED BY: TW
DRAWN BY: IN
REVIEWED BY: LM
DATE: 8 /20
SCALE: 1" = 20'
SHEET . OF .
DRAWING NO. .

SUBMITTED: _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

RECOMMENDED _____ TRAFFIC SIGNAL DESIGN PROJECT MANAGER _____ DATE

_____ ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER _____ DATE

APPROVED _____ TRAFFIC SIGNAL PROGRAM MANAGER _____ DATE

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		78	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.

B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.

C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.

E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.

F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.

G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.

H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

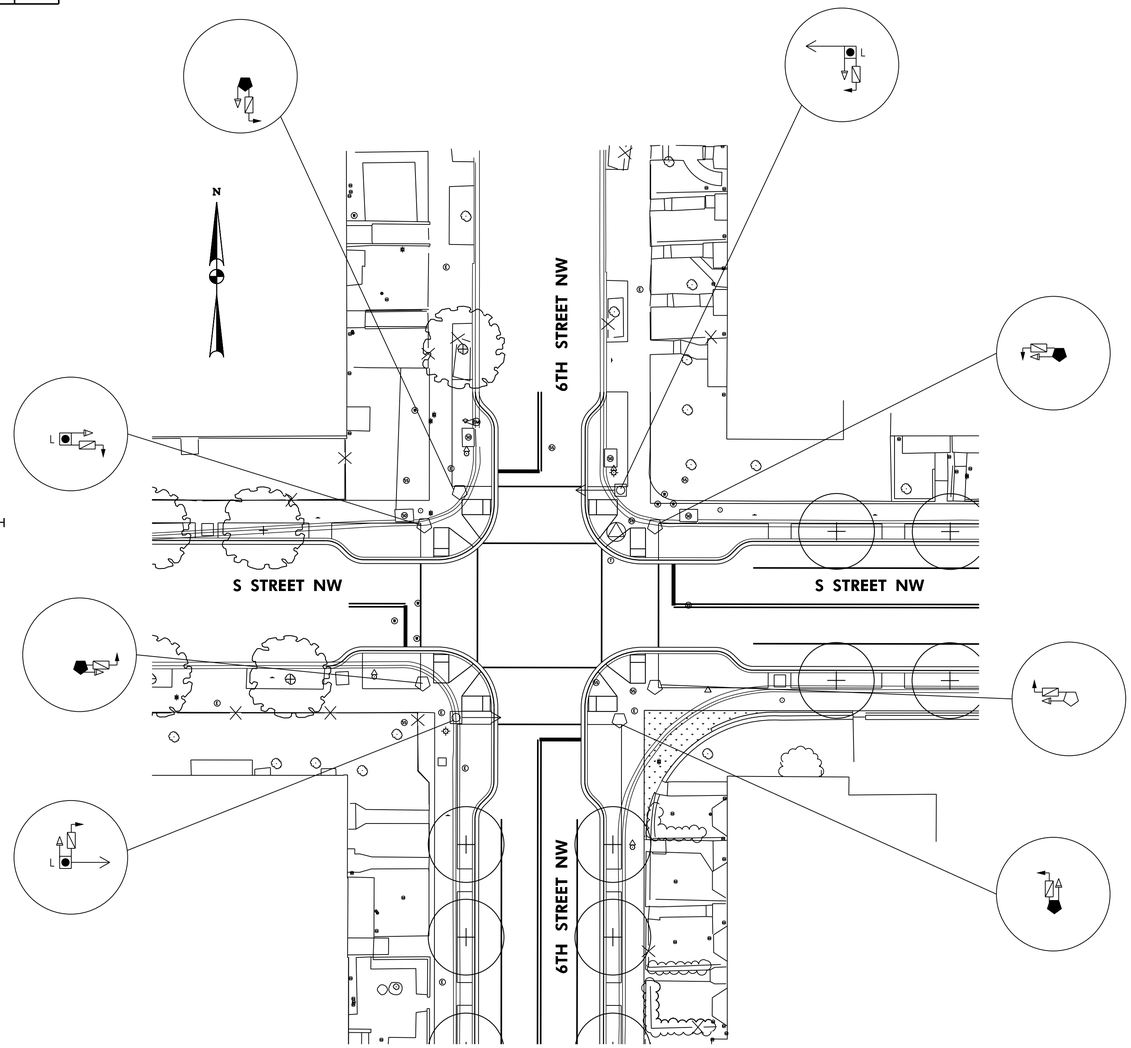
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.

J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.

K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.

M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

6TH STREET AND S STREET, N.W.

TRAFFIC SIGNAL MODIFICATION PLAN

SUBMITTED: _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

RECOMMENDED _____ TRAFFIC SIGNAL DESIGN PROJECT MANAGER _____ DATE

_____ ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER _____ DATE

APPROVED _____ TRAFFIC SIGNAL PROGRAM MANAGER _____ DATE

ACISA .

FINAL

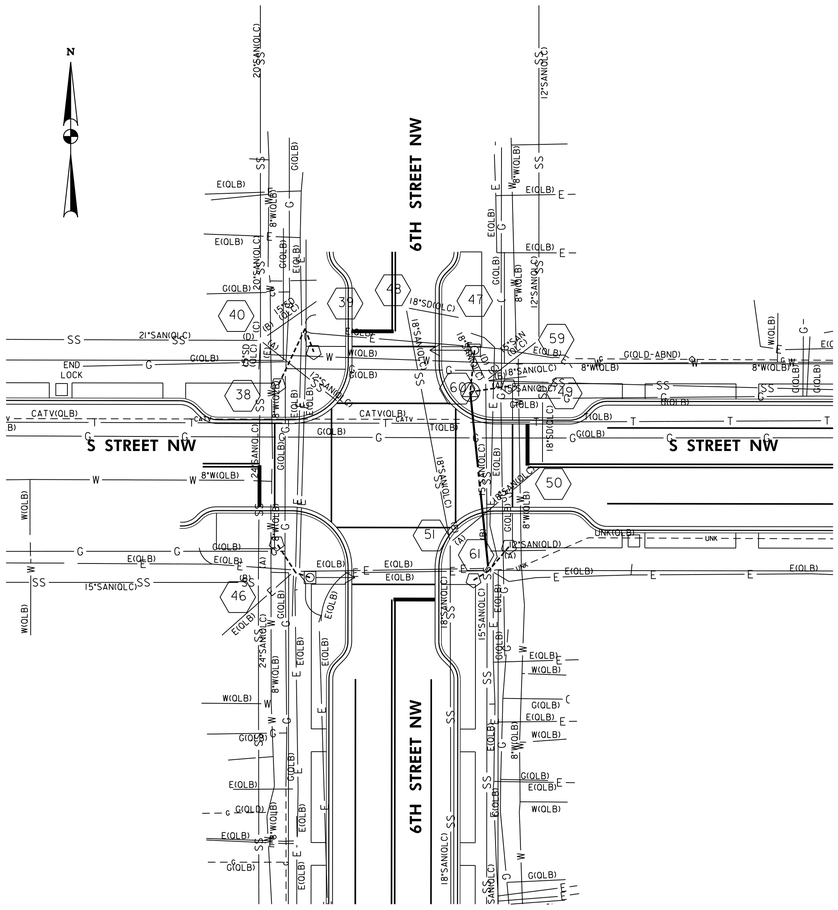
FIELD CHECKED BY TW
DESIGNED BY TW
DRAWN BY IN
REVIEWED BY LM
DATE 8 /20
SCALE 1" = 20'
SHEET . OF .
DRAWING NO. .

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		79	88

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.
6. THE UTILITY COMPANY WILL REQUIRE A CONNECTION CHARGE FOR EACH TRAFFIC SIGNAL CONNECTION. THE COST FOR THIS CHARGE IS THE RESPONSIBILITY OF THE PERMITTEE OR HIS CONTRACTOR.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 4-4" ECLECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" & 2-4" ELECTRICAL PVC CONDUIT
- PROPOSED 4'X4'X4' MANHOLE
- PROPOSED 3'X3'X3' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- PROPOSED TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP WITH TRUNCATED DOMES
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND COMMUNICATION LINE
- UNDERGROUND GAS LINE
- UNDERGROUND STORM PIPE
- UNDERGROUND WATER PIPE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY DATE

ACISA

FINAL

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

6TH STREET AND S STREET, N.W.

TRAFFIC SIGNAL UTILITY PLAN

SUBMITTED: TRAFFIC SIGNAL PROJECT ENGINEER DATE

RECOMMENDED: TRAFFIC SIGNAL DESIGN PROJECT MANAGER DATE

ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER DATE

APPROVED: TRAFFIC SIGNAL PROGRAM MANAGER DATE

FIELD CHECKED BY TW
DESIGNED BY TW
DRAWN BY IN
REVIEWED BY LM
DATE 8 /20
SCALE 1" = 20'
SHEET . OF .
DRAWING NO. .

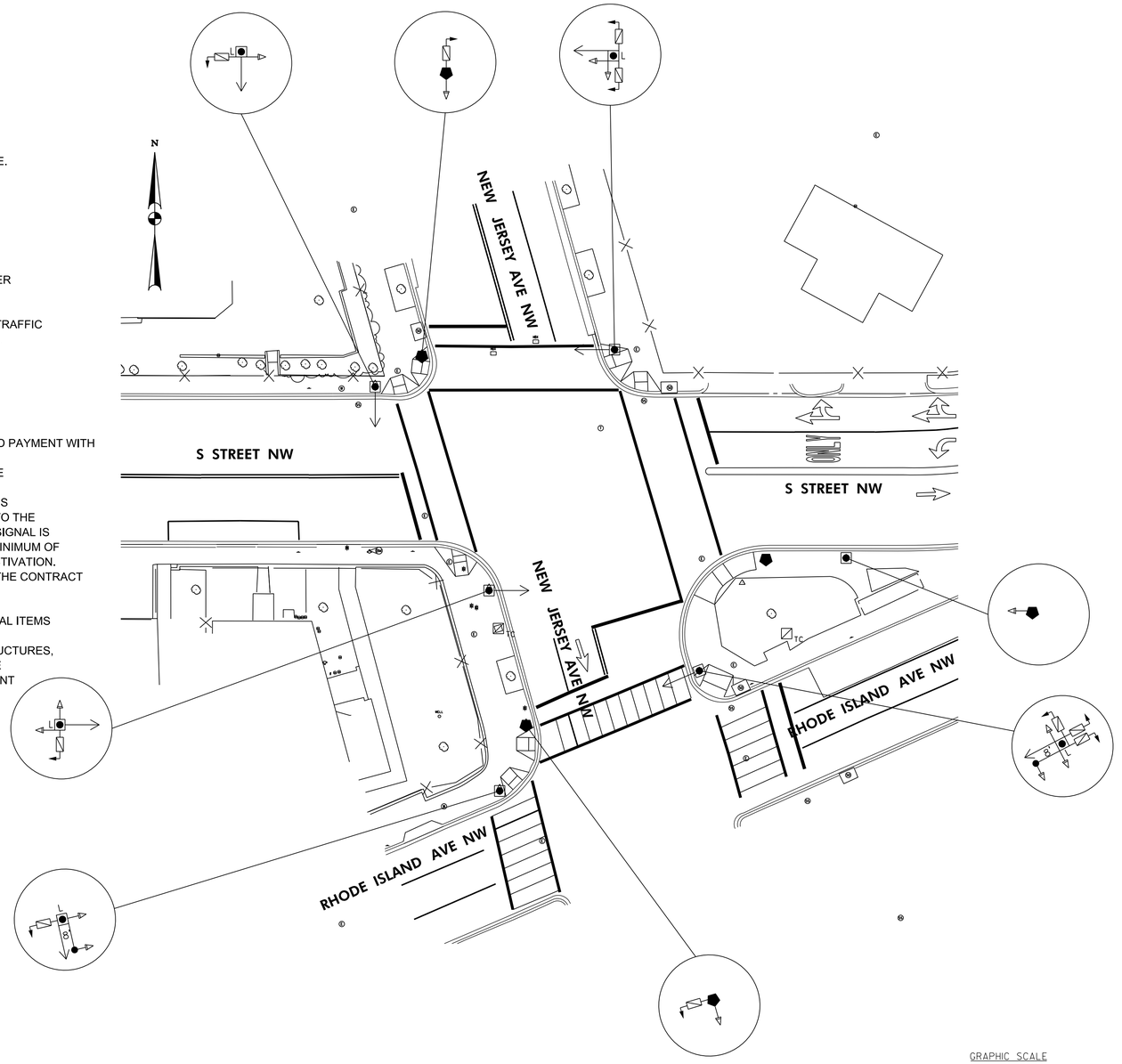
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		80	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.
F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.
J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.
K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.
M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

AMT

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

NEW JERSEY AVENUE AND S STREET, N.W.

TRAFFIC SIGNAL MODIFICATION PLAN

SUBMITTED: _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

RECOMMENDED _____ TRAFFIC SIGNAL DESIGN PROJECT MANAGER _____ DATE

_____ ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER _____ DATE

APPROVED _____ TRAFFIC SIGNAL PROGRAM MANAGER _____ DATE

ACISA .

EXIST.

FIELD CHECKED BY: TW
DESIGNED BY: TW
DRAWN BY: IN
REVIEWED BY: LM
DATE: 8 /20
SCALE: 1" = 20'
SHEET . OF .
DRAWING NO. .

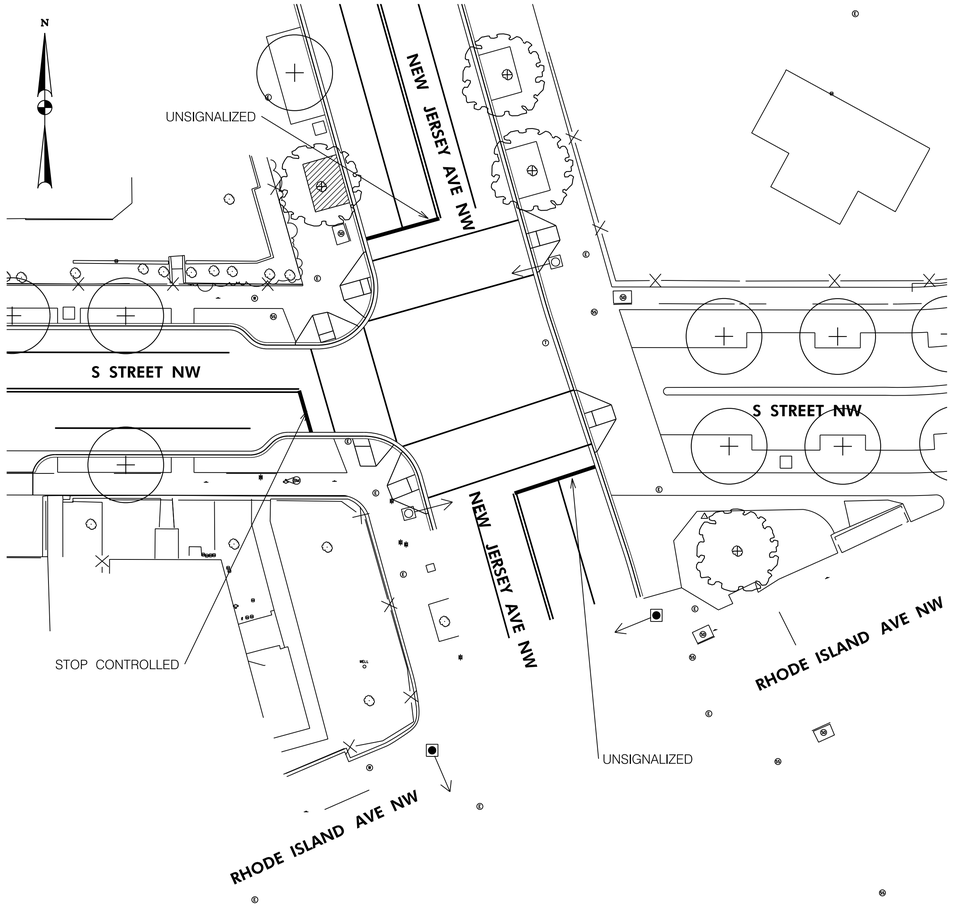
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		81	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.
E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.
F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.
J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.
K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.
M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

ACISA

FINAL

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

NEW JERSEY AVENUE AND S STREET, N.W.

TRAFFIC SIGNAL MODIFICATION PLAN

SUBMITTED: _____ DATE
TRAFFIC SIGNAL PROJECT ENGINEER

RECOMMENDED _____ DATE
TRAFFIC SIGNAL DESIGN PROJECT MANAGER

_____ DATE
ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER

APPROVED _____ DATE
TRAFFIC SIGNAL PROGRAM MANAGER

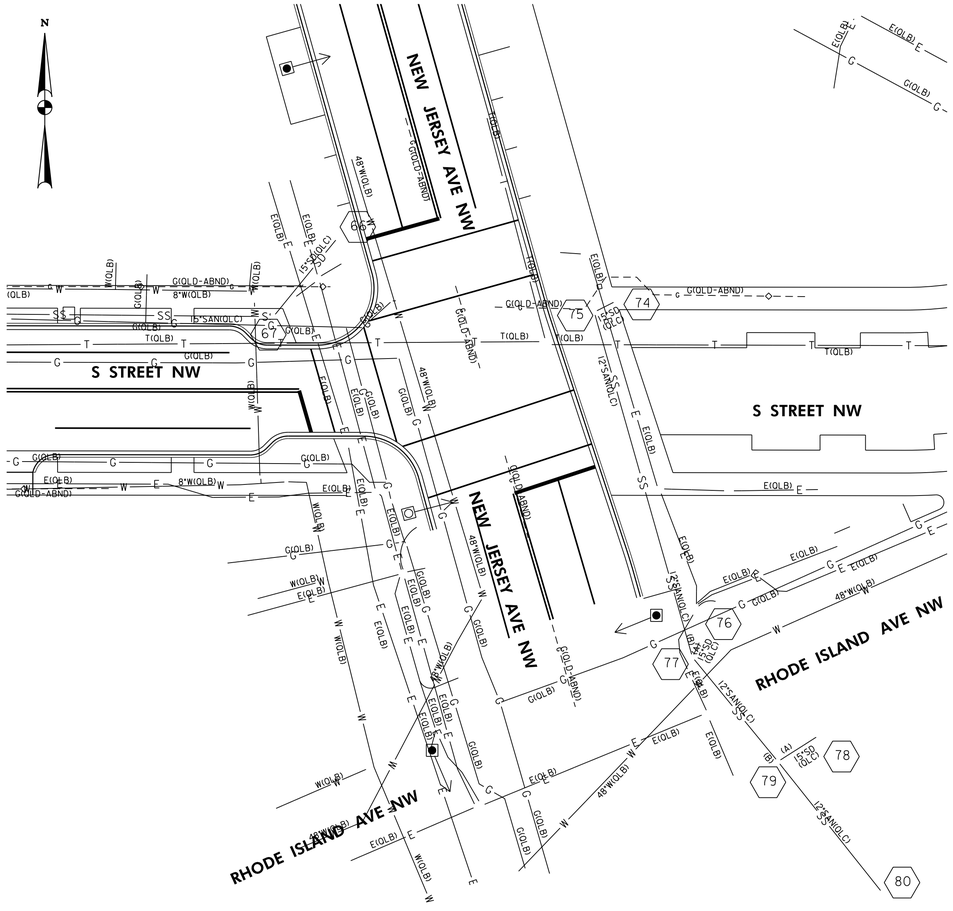
FIELD CHECKED BY	TW
DESIGNED BY	TW
DRAWN BY	IN
REVIEWED BY	LM
DATE	8 /20
SCALE	1" = 20'
SHEET	. OF .
DRAWING NO.	.

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		82	88

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.
6. THE UTILITY COMPANY WILL REQUIRE A CONNECTION CHARGE FOR EACH TRAFFIC SIGNAL CONNECTION. THE COST FOR THIS CHARGE IS THE RESPONSIBILITY OF THE PERMITTEE OR HIS CONTRACTOR.



LEGEND:

DESCRIPTION

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 4-4" ECLECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" & 2-4" ELECTRICAL PVC CONDUIT
- PROPOSED 4'X4'X4' MANHOLE
- PROPOSED 3'X3'X3' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- PROPOSED TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP WITH TRUNCATED DOMES
- APS1 ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND COMMUNICATION LINE
- UNDERGROUND GAS LINE
- UNDERGROUND STORM PIPE
- UNDERGROUND WATER PIPE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

ACISA

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

NEW JERSEY AVENUE AND S STREET, N.W.

TRAFFIC SIGNAL UTILITY PLAN

SUBMITTED: _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

RECOMMENDED _____ TRAFFIC SIGNAL DESIGN PROJECT MANAGER _____ DATE

_____ ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER _____ DATE

APPROVED _____ TRAFFIC SIGNAL PROGRAM MANAGER _____ DATE

FINAL

FIELD CHECKED BY: TW
DESIGNED BY: TW
DRAWN BY: IN
REVIEWED BY: LM
DATE: 8 /20
SCALE: 1" = 20'
SHEET . / OF .
DRAWING NO. .

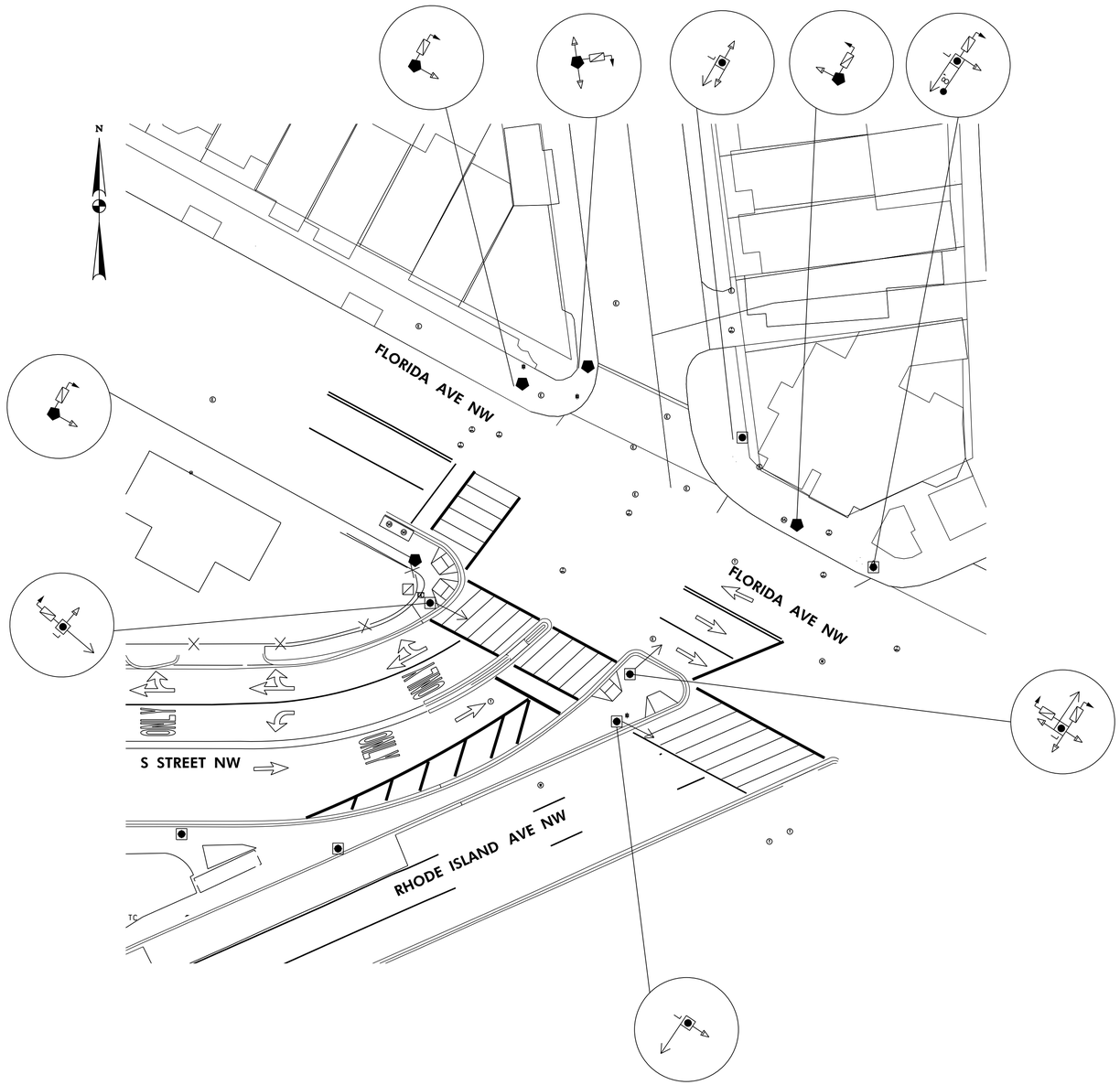
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		83	88

GENERAL NOTES:

ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.
THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.
THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED.
THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.
STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.
ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.
THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.
NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE
20 10 0 20 40
1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY ____ DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

FLORIDA AVENUE AND 4TH STREET, N.W.

TRAFFIC SIGNAL MODIFICATION

SUBMITTED: ____ TRAFFIC SIGNAL PROJECT ENGINEER ____ DATE

RECOMMENDED ____ TRAFFIC SIGNAL DESIGN PROJECT MANAGER ____ DATE

____ ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER ____ DATE

APPROVED ____ TRAFFIC SIGNAL PROGRAM MANAGER ____ DATE

ACISA	.
EXIST.	
FIELD CHECKED BY	TW
DESIGNED BY	TW
DRAWN BY	IN
REVIEWED BY	LM
DATE	8 /20
SCALE	1" = 20'
SHEET	. OF .
DRAWING NO.	.

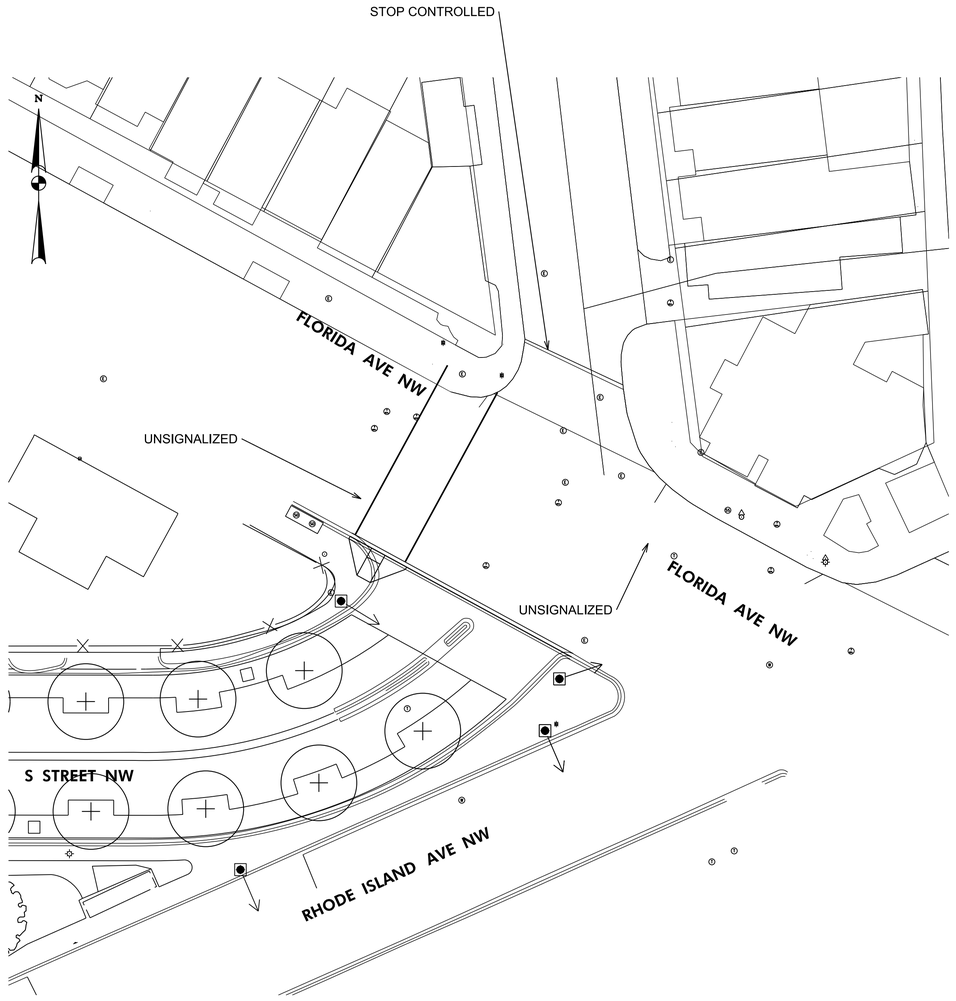
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		84	88

GENERAL NOTES:

ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.
THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.
THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.
THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.
NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.
A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED.
THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.
STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.
ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.
THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.
NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE
20 10 0 20 40
1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.
APPROVED BY DATE

ACISA

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

FLORIDA AVENUE AND 4TH STREET, N.W.

TRAFFIC SIGNAL MODIFICATION

SUBMITTED: TRAFFIC SIGNAL PROJECT ENGINEER DATE
RECOMMENDED: TRAFFIC SIGNAL DESIGN PROJECT MANAGER DATE
ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER DATE
APPROVED: TRAFFIC SIGNAL PROGRAM MANAGER DATE

FINAL

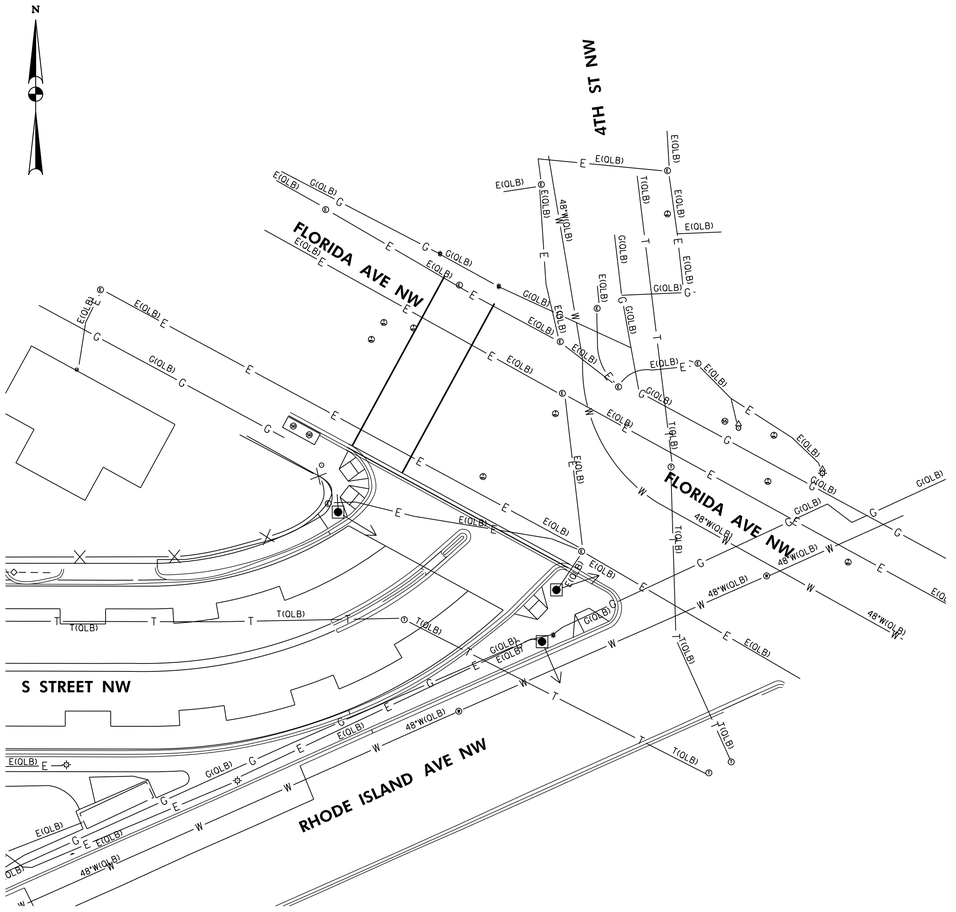
FIELD CHECKED BY TW
DESIGNED BY TW
DRAWN BY IN
REVIEWED BY LM
DATE 8 /20
SCALE 1" = 20'
SHEET . OF .
DRAWING NO. .

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		85	88

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.
6. THE UTILITY COMPANY WILL REQUIRE A CONNECTION CHARGE FOR EACH TRAFFIC SIGNAL CONNECTION. THE COST FOR THIS CHARGE IS THE RESPONSIBILITY OF THE PERMITTEE OR HIS CONTRACTOR.



LEGEND:

DESCRIPTION

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 4-4" ECLECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" & 2-4" ELECTRICAL PVC CONDUIT
- PROPOSED 4'X4'X4' MANHOLE
- PROPOSED 3'X3'X3' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- PROPOSED TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP WITH TRUNCATED DOMES
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND COMMUNICATION LINE
- UNDERGROUND GAS LINE
- UNDERGROUND STORM PIPE
- UNDERGROUND WATER PIPE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

FLORIDA AVENUE AND 4TH STREET, N.W.

TRAFFIC SIGNAL UTILITY PLAN

SUBMITTED: TRAFFIC SIGNAL PROJECT ENGINEER DATE

RECOMMENDED TRAFFIC SIGNAL DESIGN PROJECT MANAGER DATE

ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER DATE

APPROVED TRAFFIC SIGNAL PROGRAM MANAGER DATE

ACISA .

FINAL

FIELD CHECKED BY TW

DESIGNED BY TW

DRAWN BY IN

REVIEWED BY LM

DATE 8 /20

SCALE 1" = 20'

SHEET . OF .

DRAWING NO. .

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		86	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.

B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.

C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.

E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.

F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.

G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.

H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

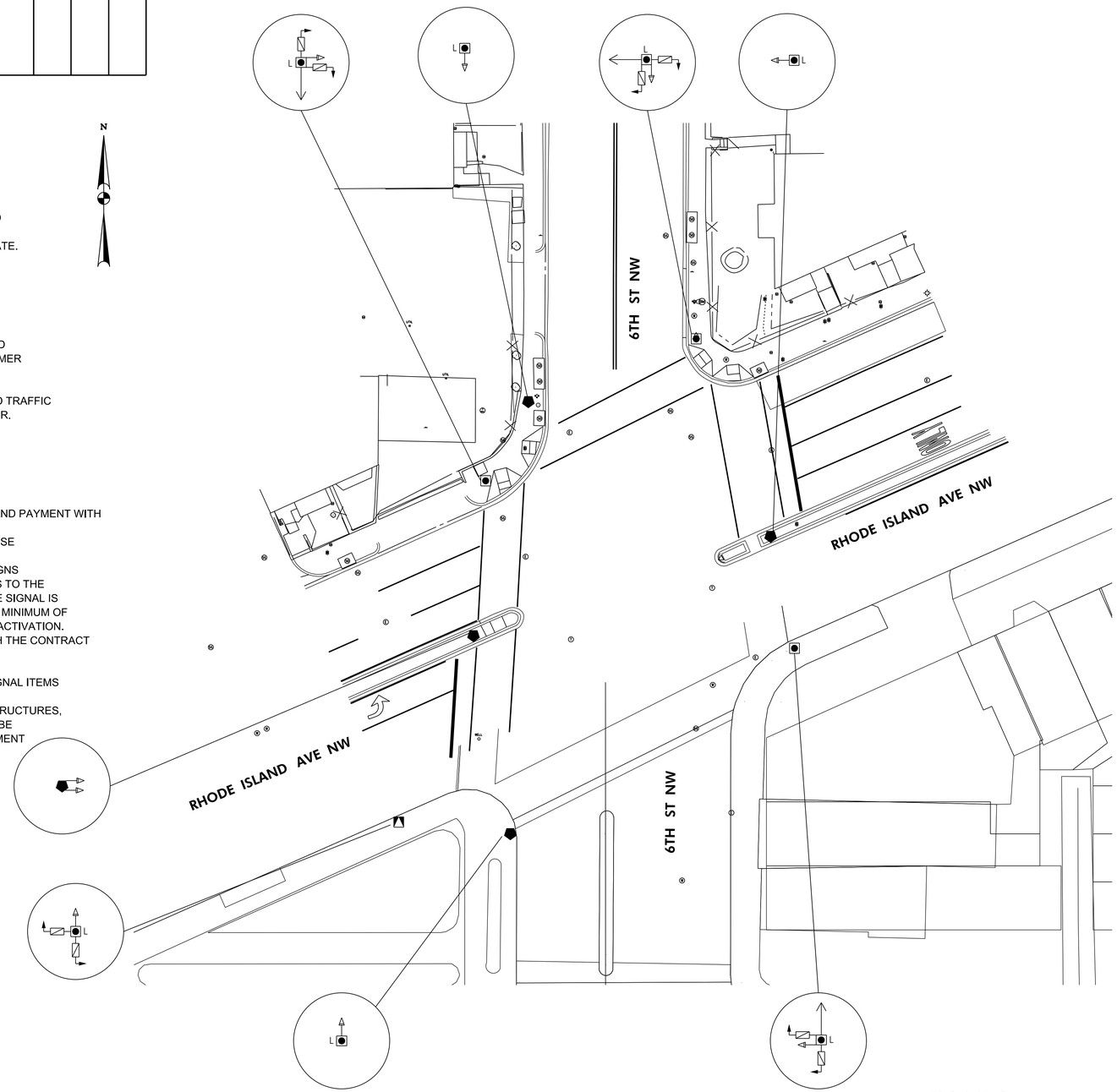
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.

J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.

K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.

M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

ACISA .

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

RHODE ISLAND AVENUE. AND 6TH STREET, N.W.

TRAFFIC SIGNAL MODIFICATION PLANS

SUBMITTED: _____ TRAFFIC SIGNAL PROJECT ENGINEER _____ DATE

RECOMMENDED _____ TRAFFIC SIGNAL DESIGN PROJECT MANAGER _____ DATE

_____ ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER _____ DATE

APPROVED _____ TRAFFIC SIGNAL PROGRAM MANAGER _____ DATE

EXIST.

FIELD CHECKED BY: TW
DESIGNED BY: TW
DRAWN BY: IN
REVIEWED BY: LM
DATE: 8 /20
SCALE: 1" = 20'
SHEET . OF .
DRAWING NO. .

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		87	88

GENERAL NOTES:

A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.

B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO BE FURNISHED AND INSTALLED. WRITTEN APPROVAL FROM DDOT SHALL BE SECURED PRIOR TO PROCUREMENT.

C. THE LOCATION OF PROPOSED EQUIPMENT SHOWN IS APPROXIMATE. THE LOCATION OF ALL PROPOSED EQUIPMENT AND MATERIALS SHALL BE FIELD LOCATED, VERIFIED, AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

D. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS, MANHOLES, POLE FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION.

E. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC AND PEDESTRIAN SIGNAL HEADS, TRAFFIC SIGNAL POLES, TRANSFORMER BASES, APS UNITS, TRAFFIC SIGNAL CONTROLLER, CABINET, AND ALL MOUNTING HARDWARE.

F. THE CONTRACTOR SHALL RETURN ALL REMOVED AND SALVAGED TRAFFIC SIGNAL EQUIPMENT TO DDOT TRAFFIC SIGNAL SHOP. CONTACT MR. RANDOLPH COPPER 72 HOURS IN ADVANCE AT (202) 905-6059 TO ARRANGE SERVICE OR AS DIRECTED BY THE ENGINEER.

G. NO ABOVE GROUND HARDWARE OR EQUIPMENT SHALL BE LOCATED SUCH THAT A 4 FEET CLEAR PATH IS NOT AVAILABLE FOR ADA PURPOSES.

H. A NEW PEPCO ELECTRICAL SERVICE IS REQUIRED. THE CONTRACTOR SHALL COORDINATE SERVICE INSTALLATION AND PAYMENT WITH PEPCO IN ACCORDANCE WITH CONTRACT SPECIAL PROVISIONS.

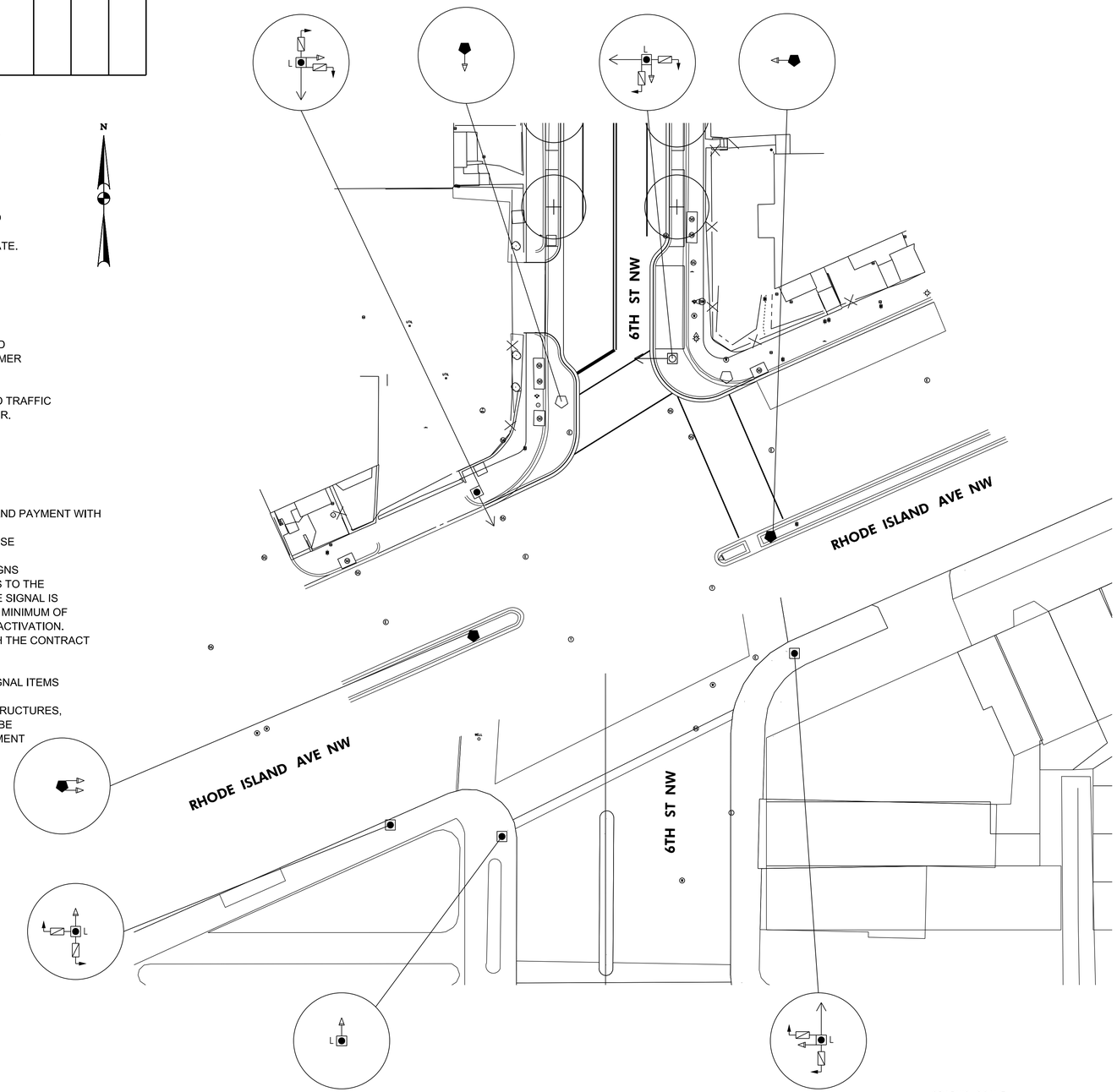
I. STREETLIGHT LUMINAIRES MUST BE MAINTAINED ALL THE TIME. USE PROPOSED STREETLIGHTS AS NECESSARY.

J. ON ALL NEW TRAFFIC SIGNAL INSTALLATIONS "SIGNAL AHEAD" SIGNS SHALL BE TEMPORARILY POSTED ON THE MAINLINE APPROACHES TO THE INTERSECTION. THESE SIGNS ARE TO BE INSTALLED THE DAY THE SIGNAL IS PUT INTO OPERATION. THE SIGNS SHALL REMIAN IN PLACE FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN LONGER THAN 60 DAYS AFTER ACTIVATION.

K. THE CONTRACTOR SHALL BUILD THIS PLAN IN ACCORDANCE WITH THE CONTRACT SPECIAL REVISIONS AND TERMS.

L. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAFFIC SIGNAL ITEMS AS SHOWN ON THE APPROVED TRAFFIC SIGNAL PLANS.

M. NO CHANGES FROM PLANS IN LOCATION OF THE SUPPORTING STRUCTURES, SIGNAL HEAD PLACEMENT OR TRAFFIC SIGNAL EQUIPMENT WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE DISTRICT DEPARTMENT OF TRANSPORTATION, TRAFFIC SIGNAL DIVISION.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 4 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- EXISTING 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION LED TRAFFIC SIGNAL HEAD (ALL LENSES 12 INCHES)
- PROPOSED 2-SECTION LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD (ALL LENSES 12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- PROPOSED 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- EXISTING 4'X4'X4' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY DATE

ACISA

FINAL

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

RHODE ISLAND AVENUE. AND 6TH STREET, N.W.

TRAFFIC SIGNAL MODIFICATION PLANS

SUBMITTED: TRAFFIC SIGNAL PROJECT ENGINEER DATE

RECOMMENDED TRAFFIC SIGNAL DESIGN PROJECT MANAGER DATE

ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER DATE

APPROVED TRAFFIC SIGNAL PROGRAM MANAGER DATE

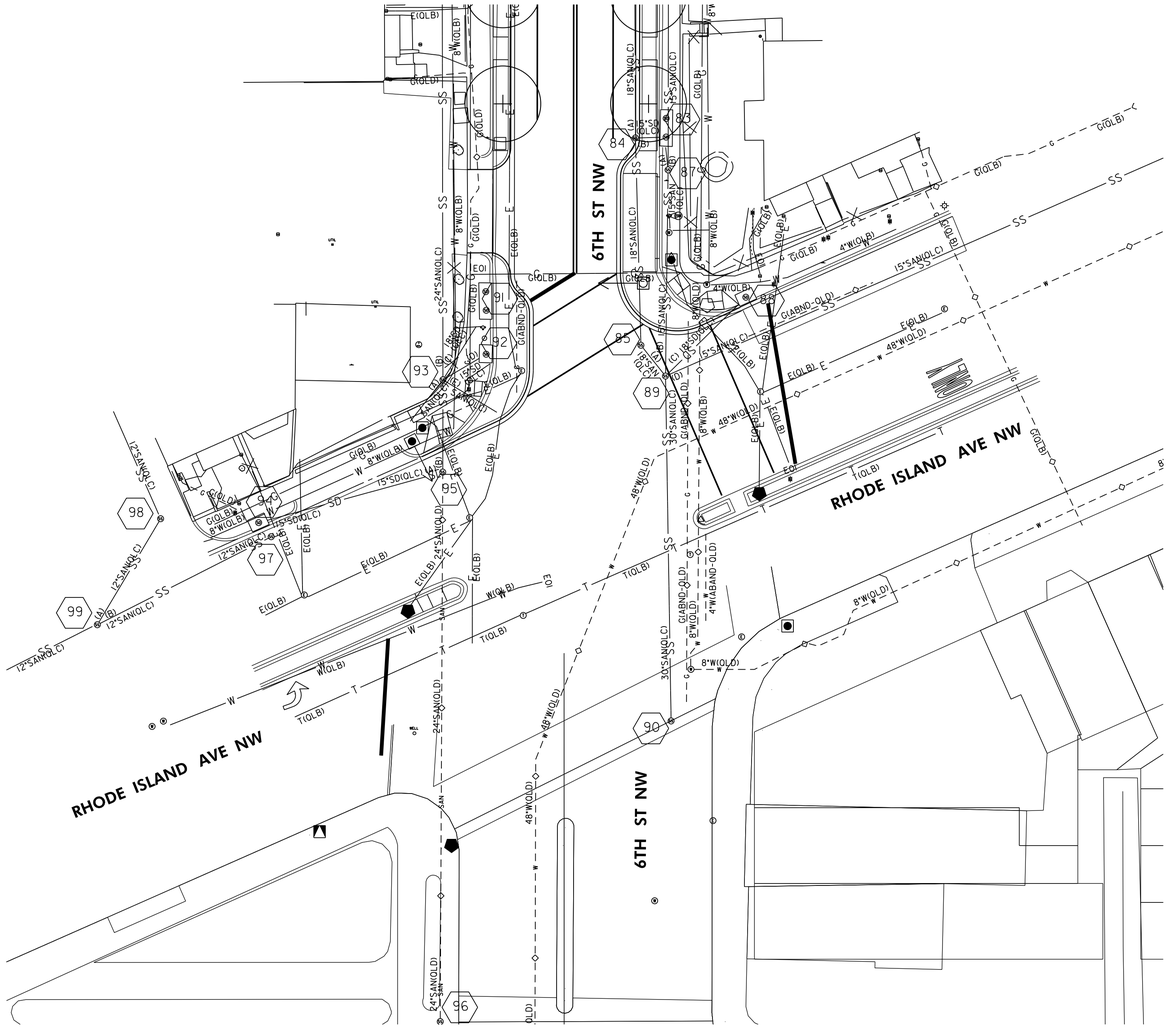
FIELD CHECKED BY	TW
DESIGNED BY	TW
DRAWN BY	IN
REVIEWED BY	LM
DATE	8 /20
SCALE	1" = 20'
SHEET / OF	. / .
DRAWING NO.	.

REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		88	88

UTILITY NOTES:

1. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD SURVEY DATA AND/OR RECORD DRAWINGS. THE LOCATION OF UTILITIES SHOWN IS APPROXIMATE AND THE INFORMATION SHOWN IS NOT NECESSARILY COMPLETE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE OF ALL UTILITIES WELL IN ADVANCE OF CONDUCTING CONSTRUCTION OPERATIONS WHICH COULD DAMAGE THESE FACILITIES. IN AREAS WHERE PROPOSED CONSTRUCTION MAY CONFLICT WITH EXISTING UTILITIES, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. IF A UTILITY IS DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF SAID UTILITY. ANY DAMAGE SUSTAINED TO UTILITIES ABOVE OR BELOW THE GROUND SHALL BE REPAIRED BY OR UNDER THE DIRECTION OF THE OWNER AT CONTRACTOR'S EXPENSE. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR BACKFILL AN EXCAVATION AFFECTING SAID UTILITY WITHOUT FIRST RECEIVING PERMISSION FROM THE UTILITY OWNER.
2. THE CONTRACTOR SHALL EXCAVATE AND LOCATE VERTICALLY AND HORIZONTALLY ALL UTILITIES IN CLOSE PROXIMITY TO THE PROPOSED TRAFFIC SIGNAL WORK AREA AS NECESSARY FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO EXCAVATING.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT HORIZONTAL CLEARANCE TO ALL UTILITIES DURING CONSTRUCTION.
5. CONTRACTOR SHALL FURNISH AND INSTALL ALL PROPOSED CONDUITS.
6. THE UTILITY COMPANY WILL REQUIRE A CONNECTION CHARGE FOR EACH TRAFFIC SIGNAL CONNECTION. THE COST FOR THIS CHARGE IS THE RESPONSIBILITY OF THE PERMITTEE OR HIS CONTRACTOR.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET AND AN EXTERNAL UNINTERUPTED POWER SUPPLY SYSTEM
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- EXISTING 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING AD-11 TRAFFIC SIGNAL POLE WOTHOUT A TRANSFORMER BASE
- PROPOSED 28.5-FOOT PENDANT POST STREETLIGHT POLE WITH LUMINAIRE AND TRANSFORMER BASE
- PROPOSED 20 FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 4-4" ECLECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 1-2" & 2-4" ELECTRICAL PVC CONDUIT
- PROPOSED 4'X4'X4' MANHOLE
- PROPOSED 3'X3'X3' MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING WATER VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- PROPOSED TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- PROPOSED WHEELCHAIR/BICYCLE RAMP WITH TRUNCATED DOMES
- ACCESSIBLE PEDESTRIAN SIGNAL
- RIGHT OF WAY LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND COMMUNICATION LINE
- UNDERGROUND GAS LINE
- UNDERGROUND STORM PIPE
- UNDERGROUND WATER PIPE

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY DATE

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

RHODE ISLAND AVENUE. AND 6TH STREET, N.W.

TRAFFIC SIGNAL UTILITY PLAN

SUBMITTED: TRAFFIC SIGNAL PROJECT ENGINEER DATE

RECOMMENDED TRAFFIC SIGNAL DESIGN PROJECT MANAGER DATE

ITS / TRAFFIC SIGNAL MAINTENANCE DIVISION MANAGER DATE

APPROVED TRAFFIC SIGNAL PROGRAM MANAGER DATE

ACISA .

FINAL

FIELD CHECKED BY TW

DESIGNED BY TW

DRAWN BY IN

REVIEWED BY LM

DATE 8 /20

SCALE 1" = 20'

SHEET . OF .

DRAWING NO. .