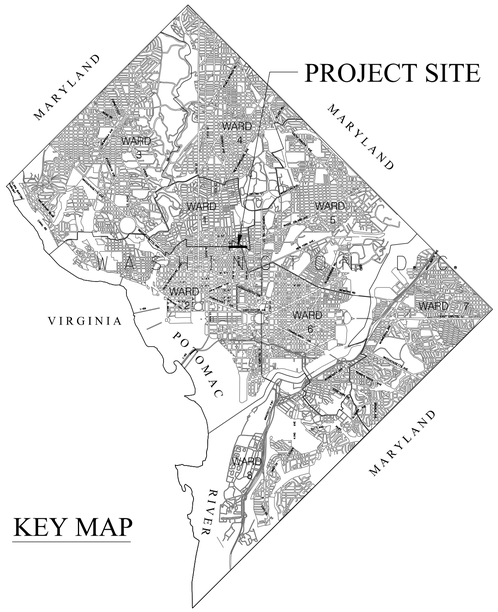
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	1	150

DISTRICT OF COLUMBIA

DEPARTMENT OF TRANSPORTATION



KEY MAP

PLANS OF PROPOSED

S STREET NW REVITALIZATION

FROM 7TH STREET NW TO FLORIDA AVE NW

65% PLANS

FEDERAL AID PROJECT NO. STP - 2018 (046)

RESURFACING = 943.4 FT = 0.18 MILES (S STREET, 6TH STREET, NEW JERSEY AVE)
UPGRADE = 0,000 FT = 0.00 MILES
RECONSTRUCTION = 1,004.7 FT = 0.19 MILES (S STREET, 6TH STREET)

LENGTH OF PROJECT = 1,948.1 FT = 0.37 MILES

TRAFFIC DATA			
	S St (7th to New Jersey)	S St (New Jersey to Florida)	6th St (S to Rhode Island)
CONTROL OF ACCESS	UNLIM.	UNLIM.	UNLIM.
ADT (2019)	4,400 (EST.)	5,100 (EST.)	7,200 (EST.)
ADT (2045)	3,750 (EST.)	0 (EST.)	6,700 (EST.)
DHV (2045)	415	0	740
DISTRIBUTION	50/50	50/50	50/50
TRUCKS	0%	0%	0%
POSTED V	25	25	25
DESIGN V	25	25	25
FUNCTIONAL CLASSIFICATION = LOCAL			

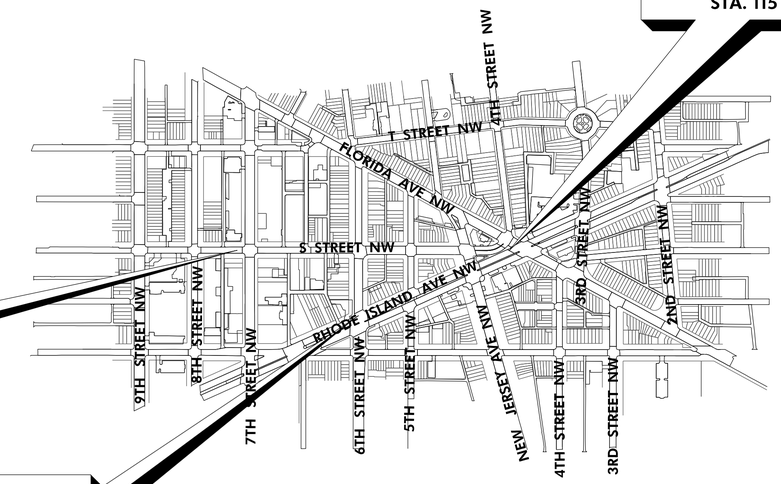
INDEX OF DRAWINGS

FOR INDEX OF DRAWINGS, SEE SHEET GN-01.

LIMIT OF WORK
PROJ. NO. STP-2018 (046)
S STREET NW
STA. 115+78.07

LIMIT OF WORK
PROJ. NO. STP-2018 (046)
S STREET NW
STA. 101+42.79

LIMIT OF WORK
PROJ. NO. STP-2018 (046)
6TH STREET NW
STA. 60+35.68



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 3

APPROVED:

CHIEF ENGINEER

DATE: _____

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Wednesday, April 14, 2021 AT 03:16 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	2	150

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)
17–31	ROADWAY PROFILES (HP–01 TO HP–15)
32–35	DRAINAGE PLANS (DD–01 TO DD–04)
36–37	DRAINAGE DETAILS (DD–05 TO DD–06)
38–40	DRAINAGE PROFILES (DP–01 TO DP–03)
41–44	STORMWATER MANAGEMENT PLANS (SW–01 TO SW–04)
45–50	LID PROFILES (DP–04 TO DP–09)
51–56	LANDSCAPE PLANS (LD–01 TO LD–06)
57–60	EXISTING PAVEMENT MARKING & SIGNING PLANS (PM–01 TO PM–04)
61–64	PROPOSED PAVEMENT MARKING & SIGNING PLANS (PM–05 TO PM–08)
65–69	STREETLIGHT PLANS (LT–00 TO LT–04)
70–73	EXISTING LIGHTING CALCULATIONS (LC–01 TO LC–04)
74–77	PROPOSED LIGHTING CALCULATIONS (LC–05 TO LC–08)
78–81	EXISTING UTILITIES (EU–01 TO EU–04)
82–136	MAINTENANCE OF TRAFFIC (MOT–01 TO MOT–56)
137–142	EROSION AND SEDIMENT CONTROL PLANS (EN–01 TO EN–02 & ES–01 TO ES–04)
143–150	TRAFFIC SIGNAL PLANS

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

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.

GENERAL NOTES

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

DIVISION CHIEF

DATE

FILE

SHEET XX OF

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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. P	EXISTING MANHOLE - UNKNOWN
WM	EXISTING WATER METER
WV	EXISTING WATER VALVE OR CUT-OFF
V SS	EXISTING SANITARY SEWER VENT
C.O.	EXISTING SANITARY SEWER CLEANOUT
GM	EXISTING GAS METER
GV	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 CV	PROPOSED WATER VALVE, GATE VALVE
SIZE & TYPE	EXSTING CULVERT WITH DIRECTION OF FLOW
SIZE & TYPE	PROPOSED CULVERT WITH DIRECTION OF FLOW
U.D.	EXSTING UNDERDRAIN
U.D.	PROPOSED UNDERDRAIN
	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
EV	EXISTING ELECTRIC VAULT
GUY	EXISTING GUY WIRE ANCHOR
	DIRECTION OF TRAFFIC
	EXISTING SIGN AND POST
	PROPOSED SIGN AND POST
	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

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
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
	PROPOSED BASE LINE
	PROPOSED CENTER LINE
	STATE LINE
R.O.W.	RIGHT-OF-WAY LINE
	BUILDING RESTRICTION LINE
	LOT LINE
	EXISTING FENCE (Indicate Type)
	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
EC	EXISTING TRAFFIC SIGNAL COMMUNICATION CABINET
EC	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
	EXISTING UNSPECIFIED LIGHT POLE

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

NOT TO SCALE

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	3	150

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 XX OF

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)	4	150

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

50' 0 50' 100'

SCALE: 1" = 50'

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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:17 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	5	150

CURVE DATA						
CURVE	DELTA	Dc	RADIUS	TANGENT	LENGTH	EXTERNAL
NJ01	54° 31′ 13.73″ (LT)	95° 29′ 34.68″	60.00	30.92	57.09	7.4965
NJ02	45° 43′ 12″ (RT)	36° 57′ 54.07″	155.00	65.34	123.68	13.2108

CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
NJ01	PC	41+19.49	454,575.1021	1,307,095.1234	
					S 06° 51′ 49.27″ E
	PI	41+50.41	454,544.4080	1,307,098.8181	
					S 61° 23′ 03.00″ E
	PT	41+76.58	454,582.2725	1,307,154.6934	
NJ02	PC	41+77.78	448,688.2331	1,327,569.5056	
					S 61° 23′ 03.00″ E
	PI	42+43.12	448,768.1592	1,327,593.3518	
					S 15° 39′ 57.62″ E
	PT	43+10.46	448,827.9758	1,327,651.4791	

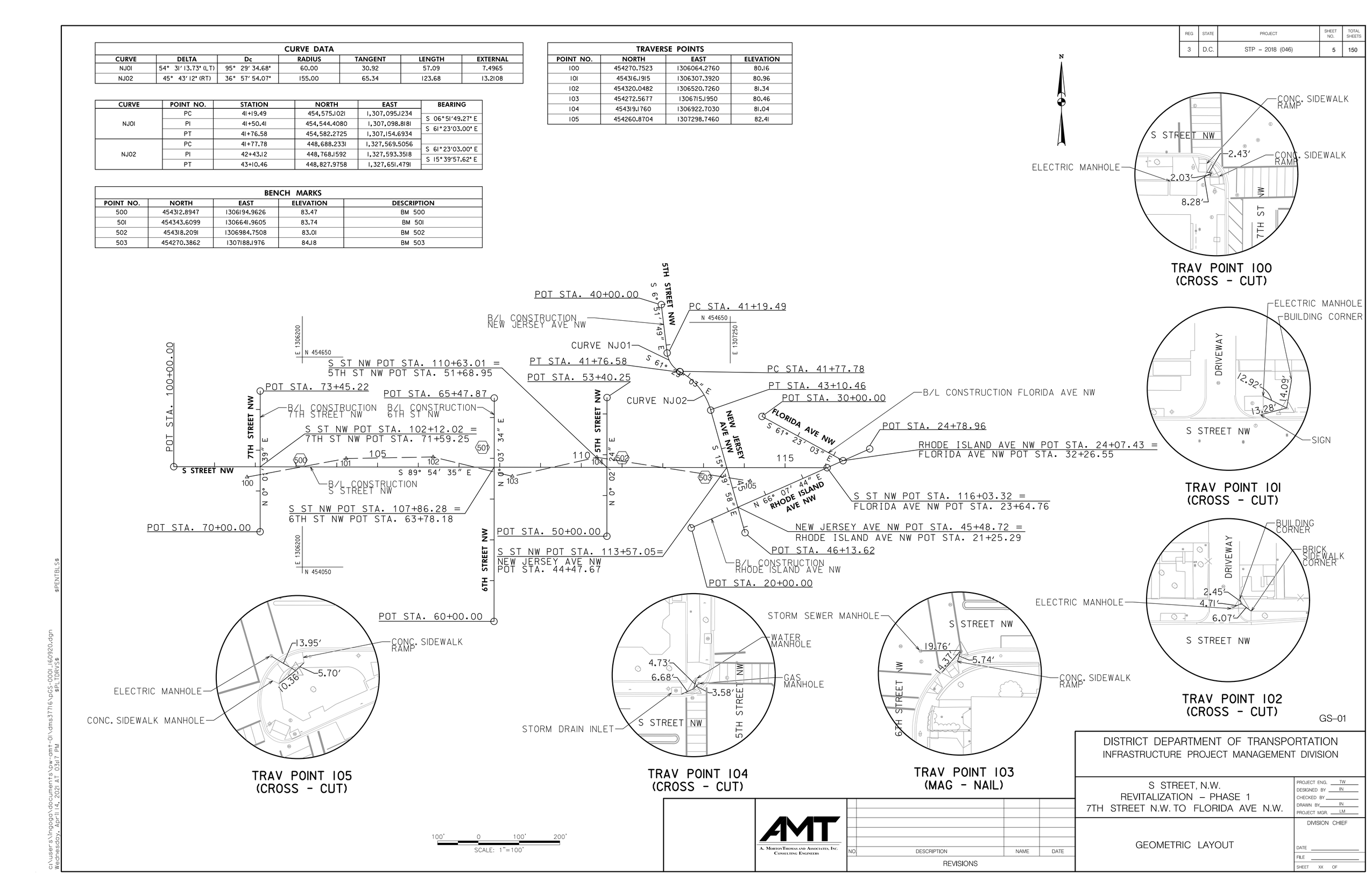
BENCH MARKS				
POINT NO.	NORTH	EAST	ELEVATION	DESCRIPTION
500	454312.8947	1306194.9626	83.47	BM 500
501	454343.6099	1306641.9605	83.74	BM 501
502	454318.2091	1306984.7508	83.01	BM 502
503	454270.3862	1307188.1976	84.18	BM 503

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

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)

100′ 0 100′ 200′
SCALE: 1"=100'

GS-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.

GEOMETRIC LAYOUT

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

DIVISION CHIEF
DATE
FILE
SHEET XX OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

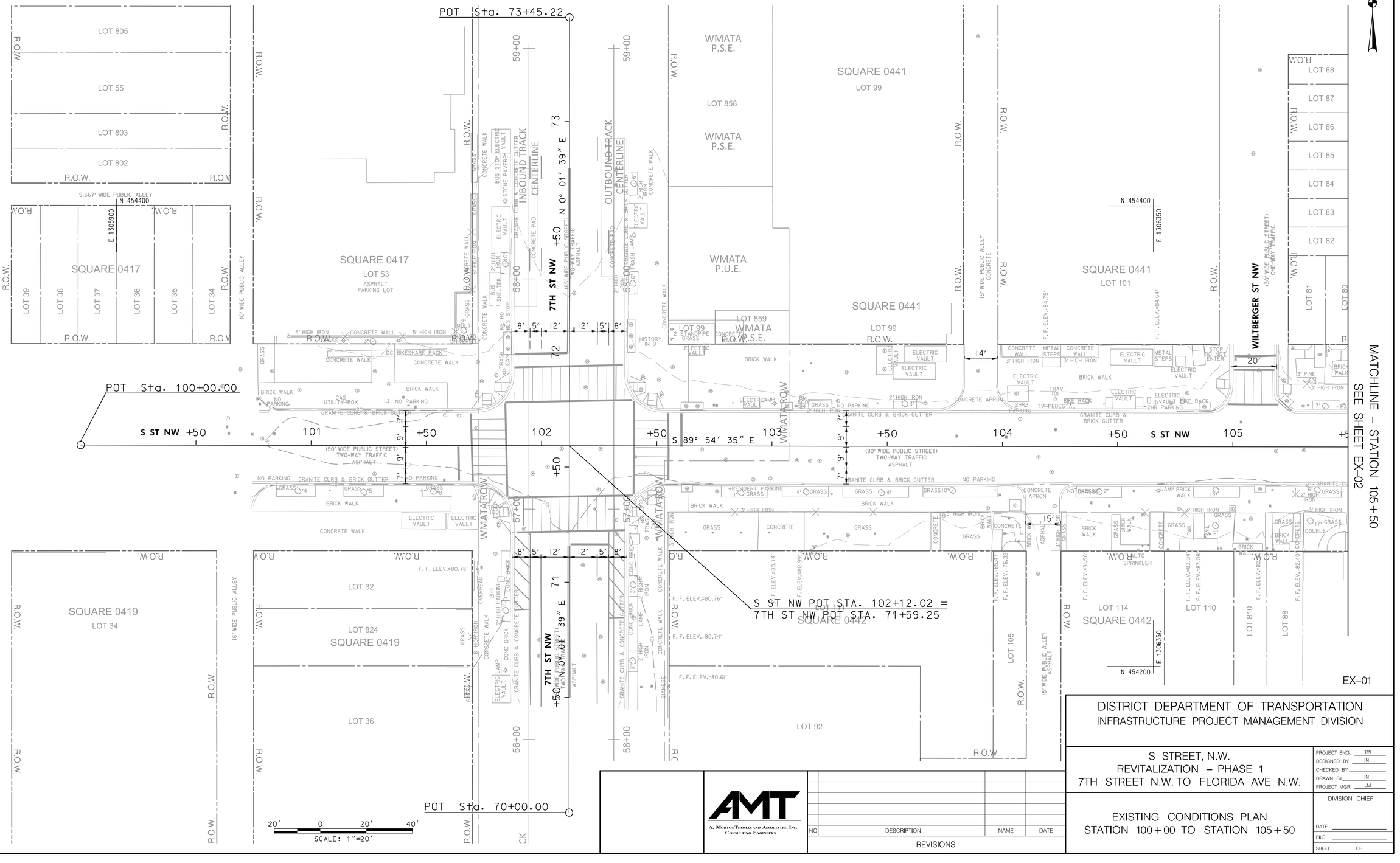
REVISIONS

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Wednesday, April 14, 2021 AT 03:17 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	6	150

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.



EX–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

DIVISION CHIEF

DATE

FILE

SHEET OF

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

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

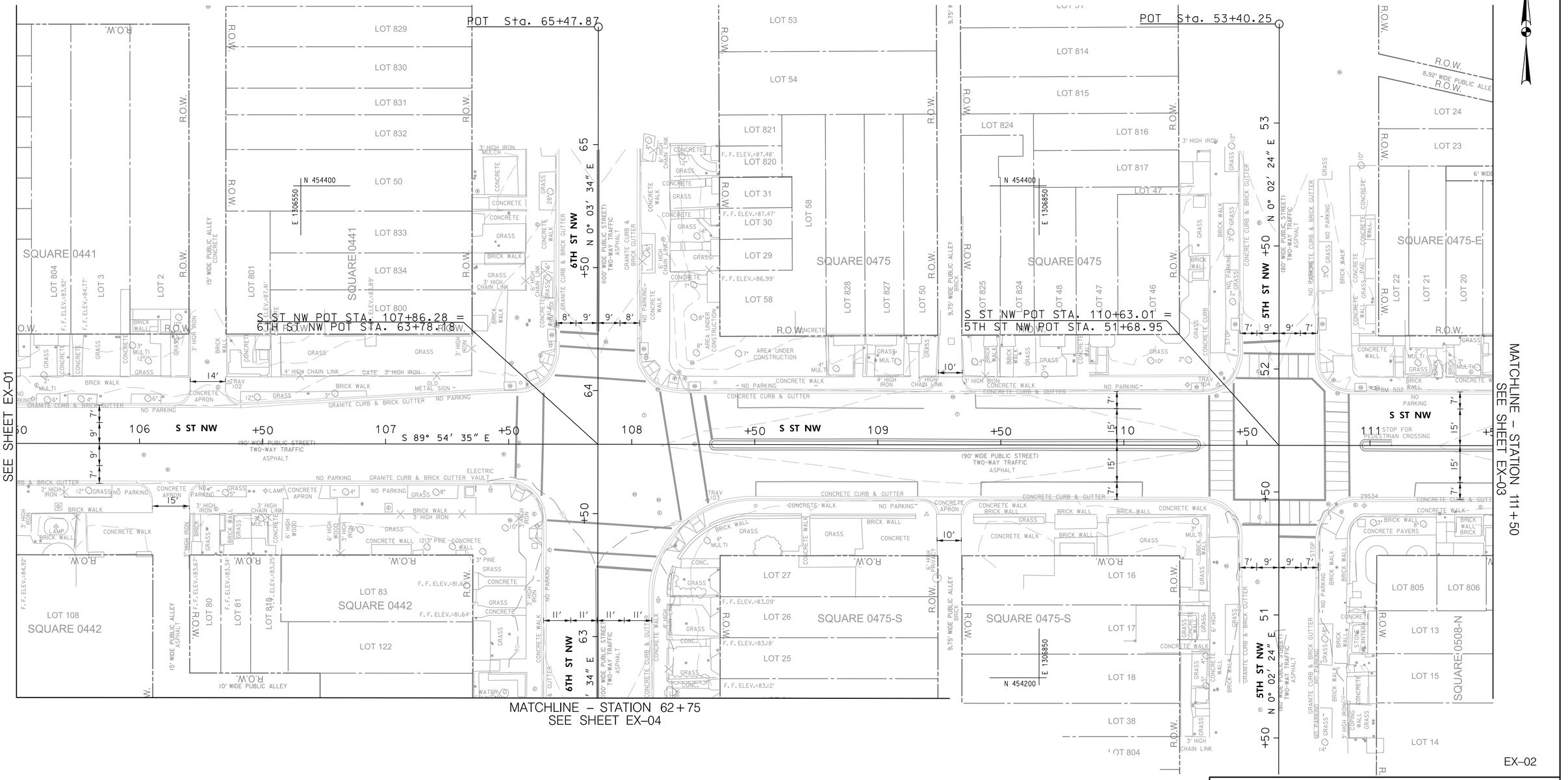
REVISIONS

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Wednesday, April 14, 2021 AT 03:17 PM $PLTDRV$

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	150



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.

EXISTING CONDITIONS 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 OF

EX–02

c:\users\ingoga\documents\pw-amt-01\dms377161\DEX-E002_SSTNW.dgn $PENTBLS$ $PLTDRVS$
Wednesday, April 14, 2021 AT 03:17 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	8	150

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 – STA. 41+50 – SEE INSET A

POT Sta. 41+76.58
POT Sta. 41+77.78
CURVE NJ01
S 61° 23′ 03″ E
CURVE NJ02

CURVE NJ01	
PI	41+50.41
N	454,544.4080
E	1,307,098.8181
Δ	54° 31′ 14″ (LT)
D	95° 29′ 35″
R	60.00
Lc	57.09
T	30.92

CURVE NJ02	
PI	42+43.12
N	454,497.7336
E	1,307,184.3687
Δ	45° 43′ 05″ (RT)
D	36° 57′ 54″
R	155.00
Lc	123.68
T	65.34

INSET A

POT Sta. 41+19.49
S 6° 51′ 49″ E
MATCHLINE – STA. 41+50

POT Sta. 43+01.46
POT Sta. 30+00.00
S 61° 23′ 03″ E
NEW JERSEY AVE NW
FLORIDA AVE NW
S 15° 39′ 58″ E
US. POST OFFICE
U.S. RES. 160
POT Sta. 24+78.96
N 66° 07′ 44″ E
S ST NW POT STA. 113+57.05 = NEW JERSEY AVE NW POT STA. 45+47.67
RHODE ISLAND AVE NW POT STA. 24+07.43 = FLORIDA AVE NW POT STA. 32+26.55
S ST NW POT STA. 116+03.32 = FLORIDA AVE NW POT STA. 23+64.76
RHODE ISLAND AVE NW POT STA. 21+25.29 = NEW JERSEY AVE NW POT STA. 45+48.72
NPS RESERVATION 160 JURIDISCTION TRANSFERRED TO DDOT FOR HIGHWAY PURPOSES
MATCHLINE – STATION 111+50 SEE SHEET EX-02

EX-03

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	9	150

MATCHLINE – STATION 62+75
SEE SHEET EX–02

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.



20′ 0 20′ 40′
SCALE: 1″=20′

EX–04

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.

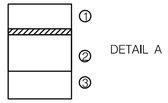
EXISTING CONDITIONS PLAN
STATION 5+00 TO STATION 5+50

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

DIVISION CHIEF
DATE
FILE
SHEET OF

c:\users\ingoga\documents\pw-am1-01\dms377116\pEX-E004_SSTNW.dgn
Wednesday, April 14, 2021 AT 03:17 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	10	150



DETAIL A

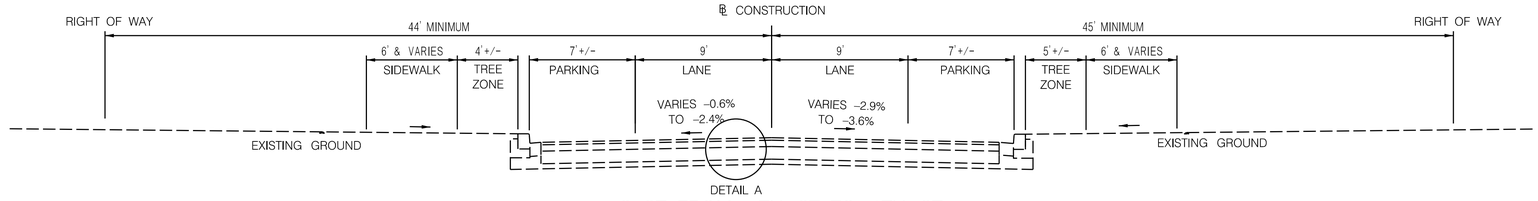
LEGEND

① 2" to 8" HMAC for surface Course

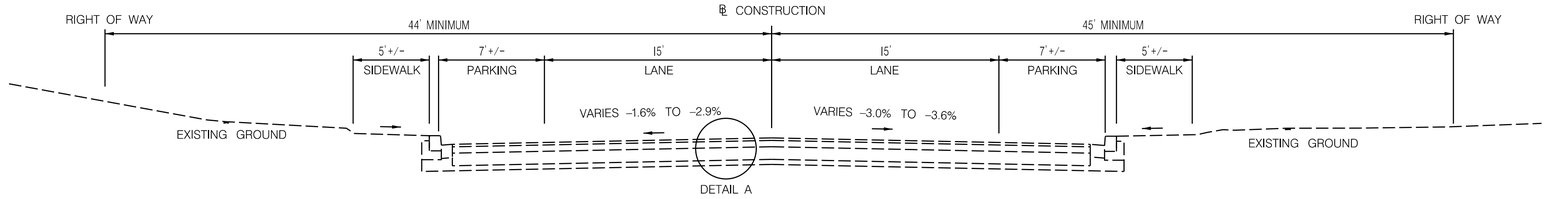
② 6.2" to 10.5" PCC for Base Course

③ 0" to 7.5" Aggregate Base Course

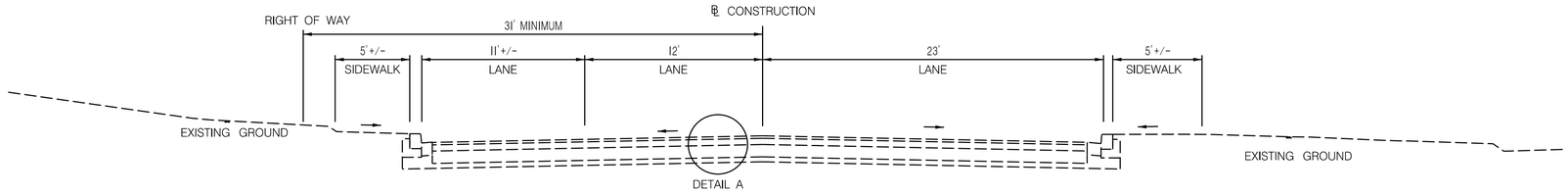
NOT TO SCALE



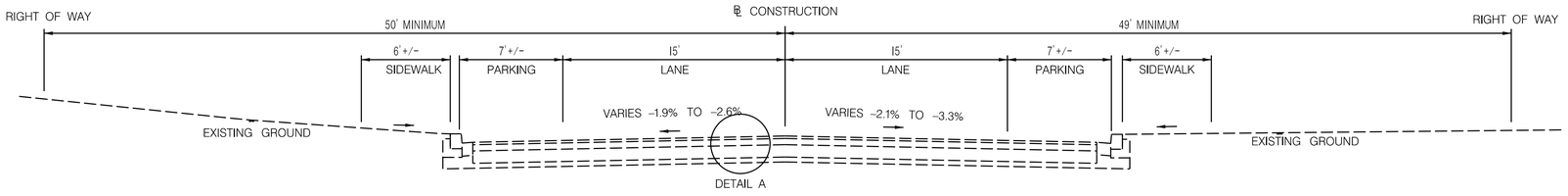
S ST FROM 7TH ST TO 6TH ST



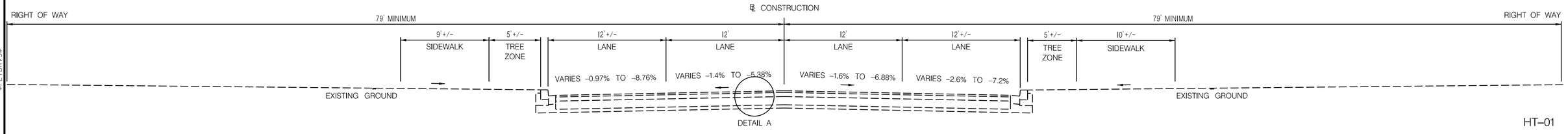
S ST FROM 6TH ST TO NEW JERSEY AVE



S ST FROM NEW JERSEY AVE TO FLORIDA AVE



6TH ST



NEW JERSEY AVE

HT–01

5' 0 5' 10'

SCALE: 1"= 5'

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

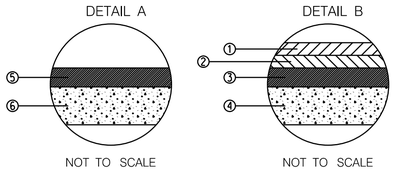
DATE

FILE

SHEET OF

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	11	150



LEGEND

① 2" HMA SUPERPAVE SURFACE, 12.5mm

② 2" HMA SUPERPAVE INTERMEDIATE, 19mm

③ 3" HMA SUPERPAVE BASE, 25mm – S STREET
5" HMA SUPERPAVE BASE, 25mm – 6TH STREET

④ 6" AGGREGATE BASE

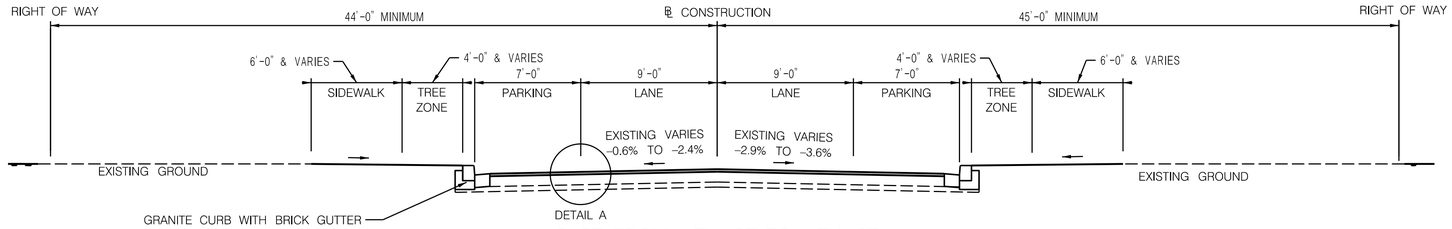
⑤ MILL 2" AND RESURFACE WITH 2" OF HMA SUPERPAVE 12.5 MM, PG 70–22

⑥ EXISTING COMPOSITE PAVEMENT TO REMAIN

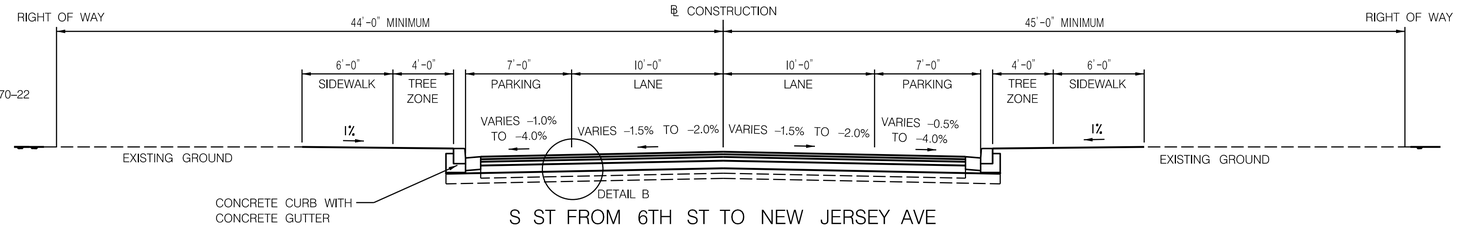
NOTES

1. FOR SPECIFIC LOCATIONS OF MILLING AND OVERLAY (DETAIL A) SEE ROADWAY PLANS

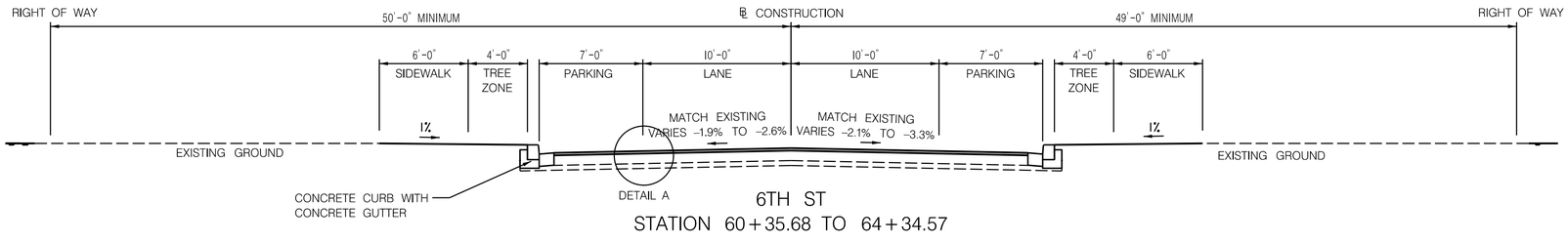
2. SEE LANDSCAPE PLANS FOR SIDEWALK, PAVER, AND CURB TREATMENTS



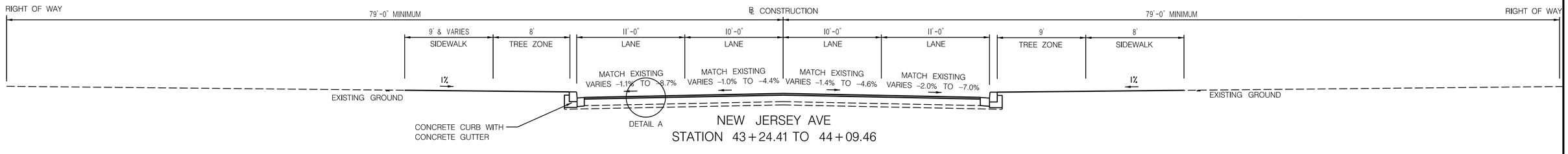
S ST FROM 7TH ST TO 6TH ST
STATION 102+81.67 TO 104+34.00



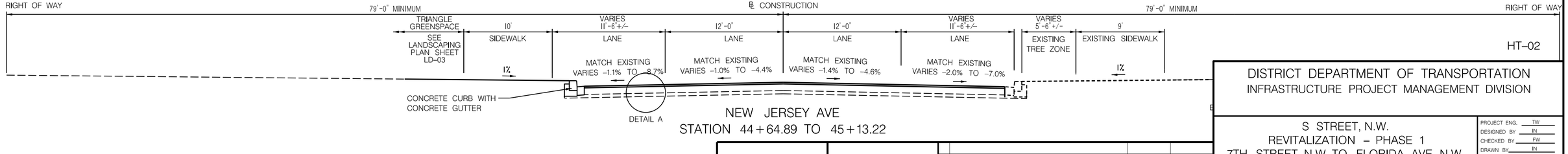
S ST FROM 6TH ST TO NEW JERSEY AVE
STATION 104+34.00 TO 107+29.88
STATION 108+42.67 TO 110+06.63
STATION 111+19.39 TO 112+94.46



6TH ST
STATION 60+35.68 TO 64+34.57



NEW JERSEY AVE
STATION 43+24.41 TO 44+09.46



NEW JERSEY AVE
STATION 44+64.89 TO 45+13.22

HT–02

5′ 0 5′ 10′
SCALE: 1"= 5′

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 TYPICAL SECTIONS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	12	150

DMY

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

P-1
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

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	MATERIAL DESCRIPTION OF STRATA	LIQUID LIMIT LL	PLASTICITY INDEX PI	MOISTURE CONTENT (%)	% Finer than #200
										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) 665-0588 fax: (301) 765-4169

DMY

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

P-2
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

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	MATERIAL DESCRIPTION OF STRATA	LIQUID LIMIT LL	PLASTICITY INDEX PI	MOISTURE CONTENT (%)	% Finer than #200
										0.0 / 100.0 ASPHALT **Asph** -3.5 In				
										0.3 / 99.7 CONCRETE **Conc** -5.5 In				
										1.0 / 99.0 AGGREGATE BASE **GB** -6 In				
										1.5 / 98.5 Brown, LEAN CLAY, firm to hard, moist **CL**				
		3 3 2		1.0	83			F2			38	17	22.4	98.0
-5	95	3 3 3		3.5	100									
		6 15 17		6.0	100					7.0 / 93.0 Gray, fine SILTY SAND, trace clay, medium dense to dense, moist **SM**				
		6 10 12		8.5	100			C3		SAME, trace gravel				
-10	90									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) 665-0588 fax: (301) 765-4169

DMY

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

P-3
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

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	MATERIAL DESCRIPTION OF STRATA	LIQUID LIMIT LL	PLASTICITY INDEX PI	MOISTURE CONTENT (%)	% Finer than #200
										0.0 / 100.0 ASPHALT **Asph** -2.3 In				
										0.2 / 99.8 CONCRETE **Conc** -9.2 In				
		7 15 14 50/6		1.0	67			F3		1.0 / 99.0 Gray, fine to coarse silty sand with gravel FILL, very dense, moist **FL-SM**				
				3.0	17			F2		3.0 / 97.0 Gray, lean clay with sand FILL, trace gravel, firm, moist **FL-CL**	31	15	17.5	81.1
-5	95	5 3 4 5		5.0	83			C2		5.0 / 95.0 Brown, LEAN CLAY, very stiff, moist **CL**	31	14	15.5	96.5
		5 7 14 24						C3		6.0 / 94.0 Gray, fine SILTY SAND, medium dense, moist **SM**				
		6 9 13 19		7.0	92			C2		7.0 / 93.0 Gray and brown, LEAN CLAY, very stiff, moist **CL**	35	15	16.7	87.4
-10	90	4 5 5 4		9.0	50			C3		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) 665-0588 fax: (301) 765-4169

DMY

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

P-4
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

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	MATERIAL DESCRIPTION OF STRATA	LIQUID LIMIT LL	PLASTICITY INDEX PI	MOISTURE CONTENT (%)	% Finer than #200
										0.0 / 100.0 ASPHALT **Asph** -2.8 In				
										0.2 / 99.8 CONCRETE **Conc** -8 In				
		15 10 6		1.0	78					0.9 / 99.1 AGGREGATE BASE **GB** -10.8 In				
		6 4 5		3.5	83			F2		1.8 / 98.2 Brown and gray, lean clay FILL, stiff to very stiff, moist **FL-CL**	26	13	17.0	99.4
-5	95	3 7 14		6.0	100			C2		6.0 / 94.0 Light gray, sandy SILT, very stiff, moist **ML**				
		5 6 14		8.5	100									
-10	90									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) 665-0588 fax: (301) 765-4169

DMY

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

P-5
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

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	MATERIAL DESCRIPTION OF STRATA	LIQUID LIMIT LL	PLASTICITY INDEX 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				
		14 5 5		1.0	67			F2		1.5 / 98.5 Brown, lean clay FILL, stiff, moist **FL-CL**				
		5 4 7		3.5	100					3.5 / 96.5 Gray, LEAN CLAY, firm to stiff, moist **CL**	30	13	16.9	91.1
-5	95	2 3 4		6.0	56			C2		SAME, orange and brown, WITH GRAVEL	35	15	18.7	76.4
		2 4 9		8.5	100					SAME, gray and brown	31	13	16.4	88.6
-10	90									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) 665-0588 fax: (301) 765-4169

DMY

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

P-6
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

DEPTH (FT)	ELEVATION (FT)	SPT BLOW COUNTS	SAMPLE LEGEND	SAMPLE INTERVAL	% RECOVERY	ROCK QUALITY DESIGNATION %	RMR	GEOLOGIC STRATA	GRAPHIC LOG	MATERIAL DESCRIPTION OF STRATA	LIQUID LIMIT LL	PLASTICITY INDEX PI	MOISTURE CONTENT (%)	% Finer than #200
										0.0 / 100.0 ASPHALT **Asph** -2.5 In				
										0.2 / 99.8 CONCRETE **Conc** -8.5 In				
		4 6 8		1.0	100			F2		0.9 / 99.1 Gray and brown, lean clay FILL, stiff, moist **FL-CL**	45	22	27.8	86.3
-5	95	6 5 7		3.5	89			C2		3.5 / 96.5 Gray and brown, LEAN CLAY, stiff to very stiff, moist **CL**				
		6 6 9		6.0	100						35	15	22.6	87.3
		8 10 12		8.5	100									
-10	90									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) 665-0588 fax: (301) 765-4169

BL–01

NOT TO SCALE

AMT
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.

BORING LOGS

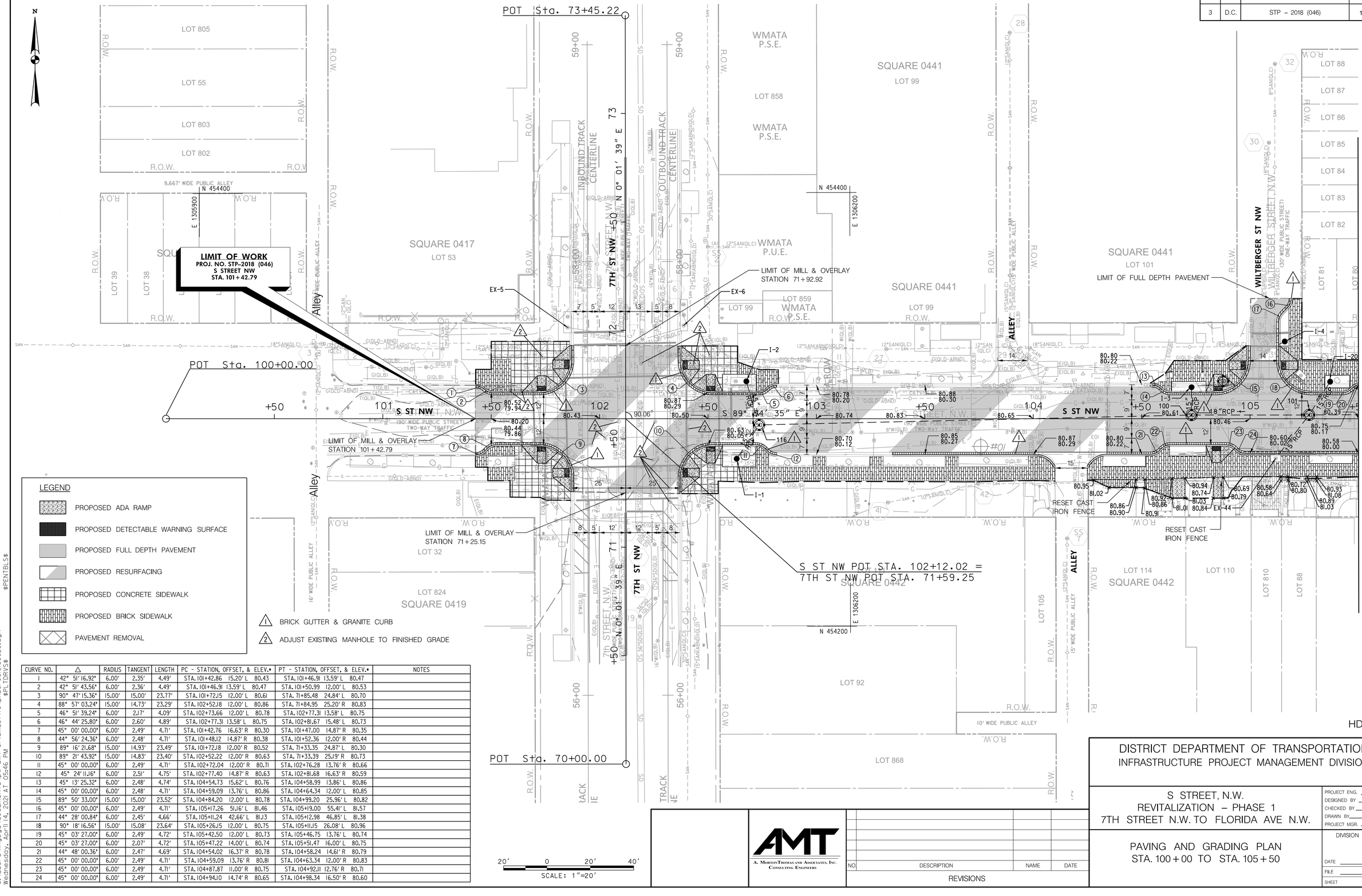
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE
FILE
SHEET OF

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	13	150



LEGEND

- PROPOSED ADA RAMP
- PROPOSED DETECTABLE WARNING SURFACE
- PROPOSED FULL DEPTH PAVEMENT
- PROPOSED RESURFACING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK
- PAVEMENT REMOVAL

1. BRICK GUTTER & GRANITE CURB
2. ADJUST EXISTING MANHOLE TO FINISHED GRADE

CURVE NO.	Δ	RADIUS	TANGENT	LENGTH	PC - STATION, OFFSET, & ELEV.•	PT - STATION, OFFSET, & ELEV.•	NOTES
1	42° 51' 16.92"	6.00'	2.35'	4.49'	STA. 101+42.86 15.20' L 80.43	STA. 101+46.91 13.59' L 80.47	
2	42° 51' 43.56"	6.00'	2.36'	4.49'	STA. 101+46.91 13.59' L 80.47	STA. 101+50.99 12.00' L 80.53	
3	90° 47' 15.36"	15.00'	15.00'	23.77'	STA. 101+72.15 12.00' L 80.61	STA. 71+85.48 24.84' L 80.70	
4	88° 57' 03.24"	15.00'	14.73'	23.29'	STA. 102+52.18 12.00' L 80.86	STA. 71+84.95 25.20' R 80.83	
5	46° 51' 39.24"	6.00'	2.17'	4.09'	STA. 102+73.66 12.00' L 80.78	STA. 102+77.31 13.58' L 80.75	
6	46° 44' 25.80"	6.00'	2.60'	4.89'	STA. 102+77.31 13.58' L 80.75	STA. 102+81.67 15.48' L 80.73	
7	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 101+42.76 16.63' R 80.30	STA. 101+47.00 14.87' R 80.35	
8	44° 56' 24.36"	6.00'	2.48'	4.71'	STA. 101+48.12 14.87' R 80.38	STA. 101+52.36 12.00' R 80.44	
9	89° 16' 21.68"	15.00'	14.93'	23.49'	STA. 101+72.18 12.00' R 80.52	STA. 71+33.35 24.87' L 80.30	
10	89° 21' 43.92"	15.00'	14.83'	23.40'	STA. 102+52.22 12.00' R 80.63	STA. 71+33.39 25.19' R 80.73	
11	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 102+72.04 12.00' R 80.71	STA. 102+76.28 13.76' R 80.66	
12	45° 24' 11.16"	6.00'	2.51'	4.75'	STA. 102+77.40 14.87' R 80.63	STA. 102+81.68 16.63' R 80.59	
13	45° 13' 25.32"	6.00'	2.48'	4.74'	STA. 104+54.73 15.62' L 80.76	STA. 104+58.99 13.86' L 80.86	
14	45° 00' 00.00"	6.00'	2.48'	4.71'	STA. 104+59.09 13.76' L 80.86	STA. 104+64.34 12.00' L 80.85	
15	89° 50' 33.00"	15.00'	15.00'	23.52'	STA. 104+84.20 12.00' L 80.78	STA. 104+99.20 25.96' L 80.82	
16	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 105+17.26 51.16' L 81.46	STA. 105+19.00 55.41' L 81.57	
17	44° 28' 00.84"	6.00'	2.45'	4.66'	STA. 105+11.24 42.66' L 81.13	STA. 105+12.98 46.85' L 81.38	
18	90° 18' 16.56"	15.00'	15.08'	23.64'	STA. 105+26.15 12.00' L 80.75	STA. 105+11.15 26.08' L 80.96	
19	45° 03' 27.00"	6.00'	2.49'	4.72'	STA. 105+42.50 12.00' L 80.73	STA. 105+46.75 13.76' L 80.74	
20	45° 03' 27.00"	6.00'	2.07'	4.72'	STA. 105+47.22 14.00' L 80.74	STA. 105+51.47 16.00' L 80.75	
21	44° 48' 00.36"	6.00'	2.47'	4.69'	STA. 104+54.02 16.37' R 80.78	STA. 104+58.24 14.61' R 80.79	
22	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 104+59.09 13.76' R 80.81	STA. 104+63.34 12.00' R 80.83	
23	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 104+87.87 11.00' R 80.75	STA. 104+92.11 12.76' R 80.71	
24	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 104+94.10 14.74' R 80.65	STA. 104+98.34 16.50' R 80.60	

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.

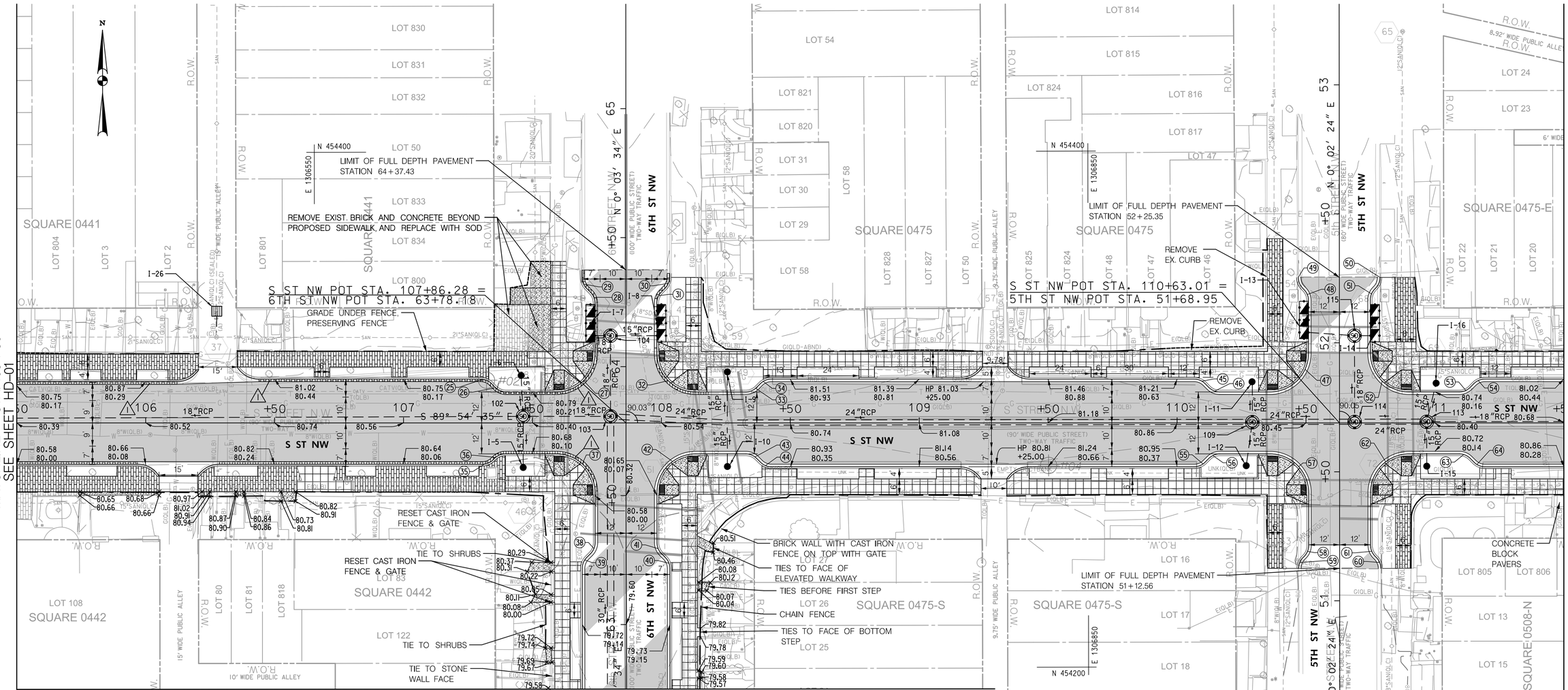
PAVING AND GRADING PLAN
STA. 100+00 TO STA. 105+50

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

DIVISION CHIEF
DATE
FILE
SHEET OF

$PENTBLS$
$PLTDRVS$
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Wednesday, April 14, 2021 AT 05:46 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	14	150



CURVE NO.	△	RADIUS	TANGENT	LENGTH	PC - STATION, OFFSET, & ELEV.•	PT - STATION, OFFSET, & ELEV.•	NOTES
25	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 107+29.88 17.00' L 80.71	STA. 107+34.12 15.24' L 80.73	
26	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 107+35.61 13.76' L 80.75	STA. 107+39.86 12.00' L 80.83	
27	90° 01' 51.60"	15.00'	15.01'	23.57'	STA. 107+59.26 12.00' L 80.81	STA. 64+05.19 12.00' L 81.27	
28	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 64+24.60 12.00' L 81.43	STA. 64+28.85 13.76' L 81.47	
29	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 64+30.34 15.25' L 81.48	STA. 64+34.58 17.01' L 81.50	
30	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 64+30.32 15.15' R 81.41	STA. 64+34.56 16.91' R 81.43	
31	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 64+24.68 12.00' R 81.37	STA. 64+28.93 13.76' R 81.40	
32	89° 58' 08.40"	15.00'	14.99'	23.55'	STA. 108+13.26 12.00' L 80.93	STA. 64+05.16 12.00' R 80.84	
33	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 108+32.70 12.00' L 80.93	STA. 108+36.94 13.76' L 80.94	
34	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 108+38.43 15.24' L 80.95	STA. 108+42.67 17.00' L 80.97	
35	50° 46' 26.40"	6.00'	2.85'	4.72'	STA. 107+30.49 16.00' R 80.58	STA. 107+34.82 14.24' R 80.61	
36	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 107+35.30 13.76' R 80.63	STA. 107+39.54 12.00' R 80.73	
37	89° 58' 08.40"	15.00'	14.99'	23.55'	STA. 107+59.29 12.00' R 80.70	STA. 63+51.19 12.00' L 80.59	
38	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 63+27.52 13.76' L 80.23	STA. 63+31.77 12.00' L 80.30	
39	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 63+21.80 17.00' L 80.13	STA. 63+26.04 15.24' L 80.21	
40	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 63+21.75 17.00' R 80.08	STA. 63+26.00 15.24' R 80.16	
41	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 63+27.48 13.76' R 80.20	STA. 63+31.72 12.00' R 80.32	
42	90° 01' 51.60"	15.00'	15.01'	23.57'	STA. 108+13.29 12.00' R 80.86	STA. 63+51.16 12.00' R 80.65	
43	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 108+32.70 12.00' R 80.91	STA. 108+36.94 13.76' R 80.92	
44	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 108+38.43 15.42' R 80.92	STA. 108+42.67 17.00' R 80.93	
45	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 110+06.60 17.00' L 81.00	STA. 110+10.84 15.24' L 81.06	
46	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 110+12.33 13.76' L 81.08	STA. 110+16.57 12.00' L 81.08	
47	90° 03' 01.08"	15.00'	15.01'	23.58'	STA. 110+35.98 12.00' L 80.92	STA. 5I+95.98 12.00' L 81.45	
48	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 52+16.44 12.00' L 81.35	STA. 52+20.68 13.76' L 81.48	
49	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 52+21.12 14.20' L 81.49	STA. 52+25.36 15.95' L 81.50	
50	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 52+21.09 13.98' R 81.44	STA. 52+25.33 15.73' R 81.45	
51	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 52+16.62 12.00' R 81.34	STA. 52+20.87 13.76' R 81.44	
52	45° 00' 00.00"	15.00'	14.99'	23.55'	STA. 110+89.98 12.00' L 80.75	STA. 5I+95.93 12.00' R 80.70	
53	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. III+09.42 12.00' L 80.76	STA. III+13.66 13.76' L 80.79	

CURVE NO.	△	RADIUS	TANGENT	LENGTH	PC - STATION, OFFSET, & ELEV.•	PT - STATION, OFFSET, & ELEV.•	NOTES
54	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. III+15.14 15.24' L 80.78	STA. III+19.39 17.00' L 80.80	
55	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. II0+06.63 17.00' R 80.85	STA. II0+10.87 15.24' R 80.87	
56	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. II0+12.35 13.76' R 80.92	STA. II0+16.60 12.00' R 80.97	
57	89° 56' 50.64"	15.00'	14.99'	23.55'	STA. II0+36.03 12.00' R 80.81	STA. 5I+41.98 12.00' L 80.60	
58	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 5I+17.23 13.76' L 80.21	STA. 5I+21.47 12.00' L 80.28	
59	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 5I+12.58 15.92' L 80.20	STA. 5I+16.82 14.17' L 80.21	
60	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 5I+12.54 15.97' R 80.19	STA. 5I+16.78 14.21' R 80.21	
61	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 5I+17.24 13.76' R 80.22	STA. 5I+21.48 12.00' R 80.27	
62	90° 03' 01.08"	15.00'	15.01'	23.58'	STA. II0+90.03 12.00' R 80.71	STA. 5I+41.93 12.00' R 80.55	
63	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. III+09.44 12.00' R 80.72	STA. III+13.69 13.76' R 80.73	
64	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. III+15.17 15.24' R 80.74	STA. III+19.41 17.00' R 80.75	

LEGEND

- PROPOSED ADA RAMP
- PROPOSED DETECTABLE WARNING SURFACE
- PROPOSED FULL DEPTH PAVEMENT
- PROPOSED RESURFACING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK

△ BRICK GUTTER & GRANITE CURB

HD-02

20′ 0 20′ 40′
SCALE: 1"=20′

AMT
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. 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 OF

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Wednesday, April 14, 2021 AT 05:46 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	15	150

NOTES:

1. MODIFIED ACCESS COORDINATION IS ONGOING WITH PROPERTY OWNER.

CURVE NJ01
PI 41+50.41
N 454,544.4080
E 1,307,098.8181
'– 54° 31' 14" (LT)
D 95° 29' 35"
R 60.00
Lc 57.09
T 30.92

CURVE NJ02
PI 42+43.12
N 454,497.7336
E 1,307,184.3687
'– 45° 43' 05" (RT)
D 36° 57' 54"
R 155.00
Lc 123.68
T 65.34

CURVE NO.	△	RADIUS	TANGENT	LENGTH	PC - STATION, OFFSET, & ELEV.•	PT - STATION, OFFSET, & ELEV.•	NOTES
65	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 112+88.87 17.00' L 82.10	STA. 112+93.11 15.24' L 82.13	
66	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 112+94.60 13.76' L 82.15	STA. 112+98.84 12.00' L 82.20	
67	105° 45' 22.68"	15.00'	19.82'	27.69'	STA. 113+12.02 12.00' L 82.31	STA. 44+09.46 21.00' R 83.33	
68	39° 18' 39.24"	134.00'	40.31'	91.94'	STA. 42+10.81 21.00' R 86.27	STA. 43+01.46 21.00' R 85.43	
69	11° 27' 09.72"	30.00'	3.00'	6.00'	STA. 42+03.89 21.46' R 86.25	STA. 42+10.81 21.00' R 86.27	
70	134° 04' 58.08"	15.00'	35.41'	35.07'	STA. 43+24.41 21.00' L 85.06	STA. 43+16.01 49.63' L 86.74	
71	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 112+94.46 17.00' R 81.91	STA. 113+98.70 15.24' R 81.96	
72	45° 00' 00.00"	6.00'	2.49'	4.71'	STA. 113+00.19 13.76' R 81.99	STA. 113+04.43 12.00' R 82.13	
73	74° 33' 57.24"	15.00'	11.42'	19.52'	STA. 113+24.43 12.00' R 81.81	STA. 44+64.89 23.72' R 82.49	

POT Sta. 41+76.58
POT Sta. 41+77.78
CURVE NJ01
S 61° 23' 03" E 86.50
FLORIDA AVE NW
CURVE NJ02
LIMIT OF FULL DEPTH PAVEMENT STATION 42+61.41
POT Sta. 43+01.46
POT Sta. 30+00.00
S 61° 23' 03" E +50
SEE NOTE 1
EX-81
FLORIDA AVE NW +50 S 67° 23' 03" E 32
POT Sta. 24+78.96
N 454500
E 1307050
N 454500
E 1307450
SQUARE 0475-E
LOT 31
SQUARE 0476-E
SQUARE 0475-E
SQUARE 3095
LOT 821
NEW JERSEY AVE NW
S ST NW POT STA. 113+57.05 = NEW JERSEY AVE NW POT STA. 45+47.67
REMOVE & REPLACE EXIST. FENCE & CONCRETE BLOCKS
S ST NW
S 89° 54' 35" E
(90' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
(130' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
RHODE ISLAND AVE NW
RHODE ISLAND AVENUE, N.W.
U.S. RES. 160
SQUARE 0508-N
LIMIT OF FULL DEPTH PAVEMENT STATION 45+13.21
RHODE ISLAND AVE NW POT STA. 21+25.29 = NEW JERSEY AVE NW POT STA. 45+48.72
POT Sta. 20+00.00
SEE LANDSCAPE PLANS (SHEET LD-03) FOR PROPOSED TRIANGLE GREENSPACE DESIGN
N 66° 07' 44" E 22
RHODE ISLAND AVE NW POT STA. 24+07.43 = FLORIDA AVE NW POT STA. 32+26.55
S ST NW POT STA. 116+03.32 = FLORIDA AVE NW POT STA. 23+64.76
LIMIT OF WORK
PROJ. NO. STP–2018 (046)
S STREET NW
STA. 116+03.32
MATCHLINE – STA. 111+50
SEE SHEET HD-02
HD-03

1 BRICK GUTTER & GRANITE CURB
3 COPING

LEGEND
- PROPOSED ADA RAMP
- PROPOSED DETECTABLE WARNING SURFACE
- PROPOSED FULL DEPTH PAVEMENT
- PROPOSED RESURFACING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK
- PROPOSED BRICK SIDEWALK

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. 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 OF

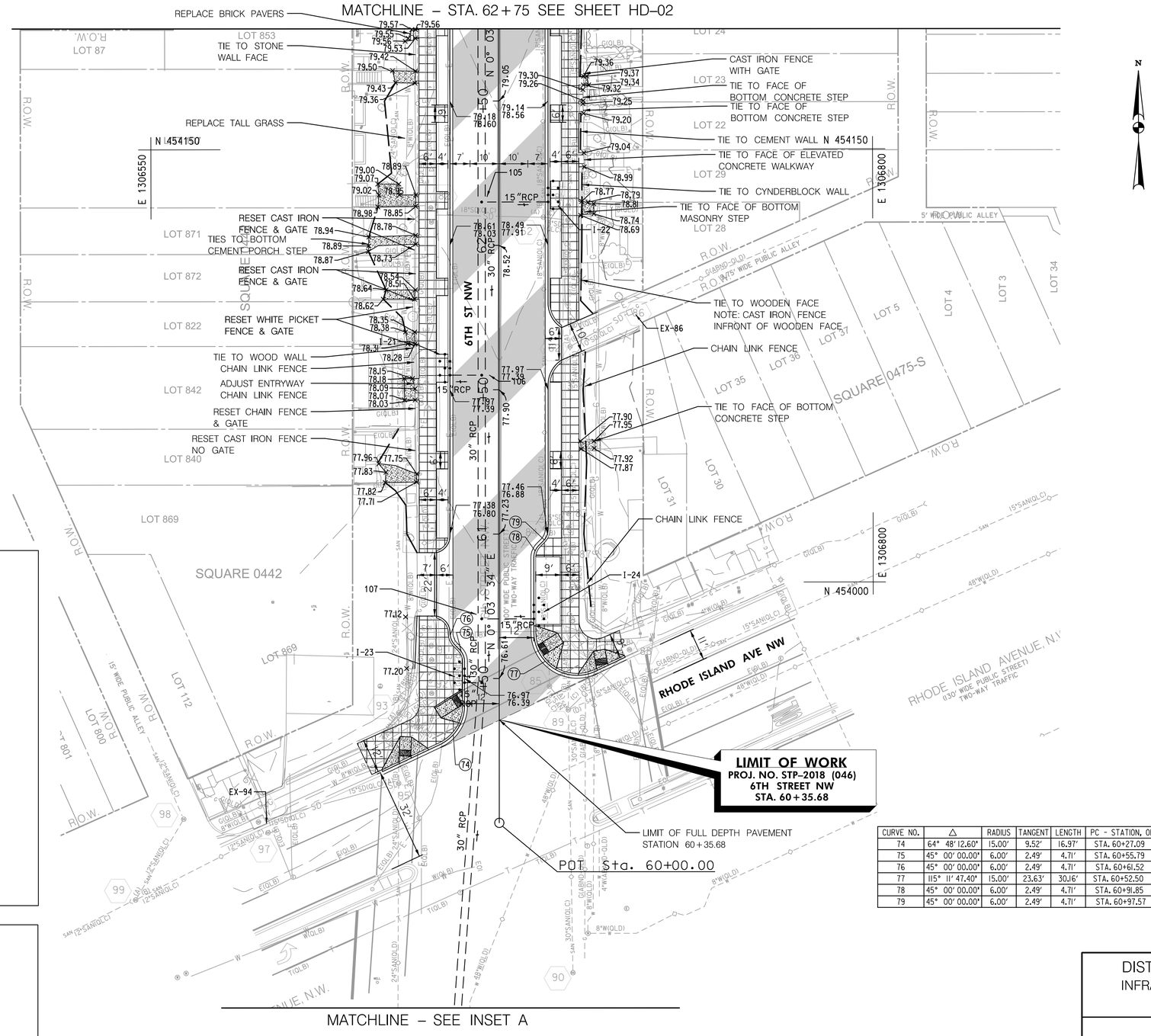
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

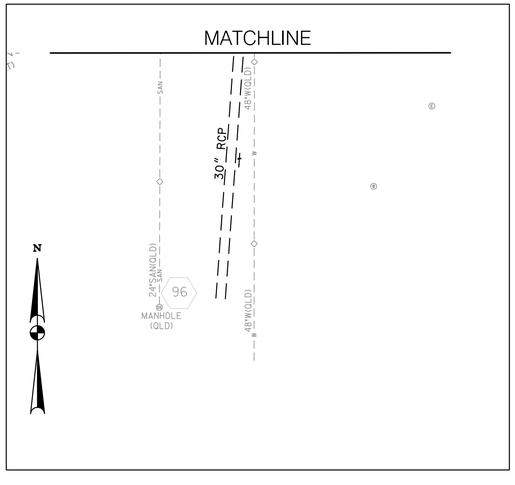
REVISIONS

$PENTBLS$
$PLTDRVS$
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Wednesday, April 14, 2021 AT 05:47 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	16	150



INSET A



LEGEND

- PROPOSED ADA RAMP
- PROPOSED DETECTABLE WARNING SURFACE
- PROPOSED FULL DEPTH PAVEMENT
- PROPOSED FULL DEPTH PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK

20′ 0 20′ 40′
SCALE: 1"=20′

CURVE NO.	△	RADIUS	TANGENT	LENGTH	PC - STATION, OFFSET, & ELEV.•	PT - STATION, OFFSET, & ELEV.•	NOTES
74	64° 48′12.60"	15.00′	9.52′	16.97′	STA. 60+27.09 20.61′ L 76.67	STA. 60+40.66 12.00′ L 76.86	
75	45° 00′00.00"	6.00′	2.49′	4.71′	STA. 60+55.79 12.00′ L 77.03	STA. 60+60.03 13.76′ L 77.07	
76	45° 00′00.00"	6.00′	2.49′	4.71′	STA. 60+61.52 15.24′ L 77.09	STA. 60+65.76 17.00′ L 77.12	
77	115° 11′47.40"	15.00′	23.63′	30.16′	STA. 60+52.50 33.39′ R 76.84	STA. 60+66.07 12.00′ R 77.12	
78	45° 00′00.00"	6.00′	2.49′	4.71′	STA. 60+91.85 12.00′ R 77.39	STA. 60+96.09 13.76′ R 77.43	
79	45° 00′00.00"	6.00′	2.49′	4.71′	STA. 60+97.57 15.24′ R 77.41	STA. 61+01.82 17.00′ R 77.44	

HD–04

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.

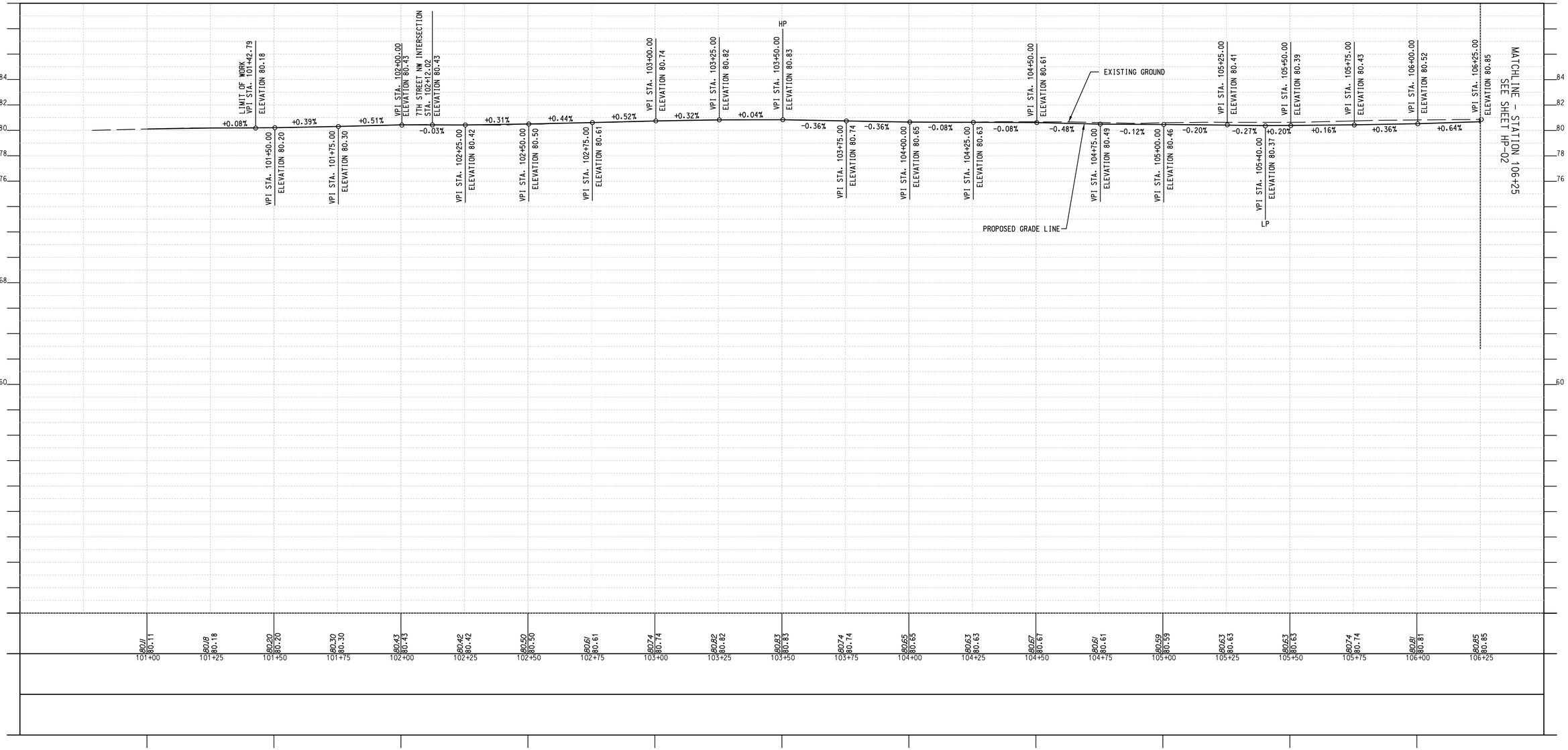
PAVING AND GRADING PLAN

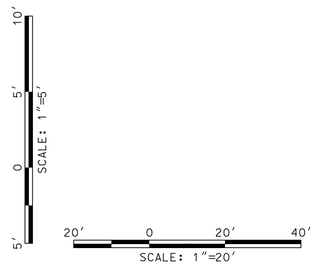
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
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Wednesday, April 14, 2021 AT 05:47 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	17	150





HP–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.

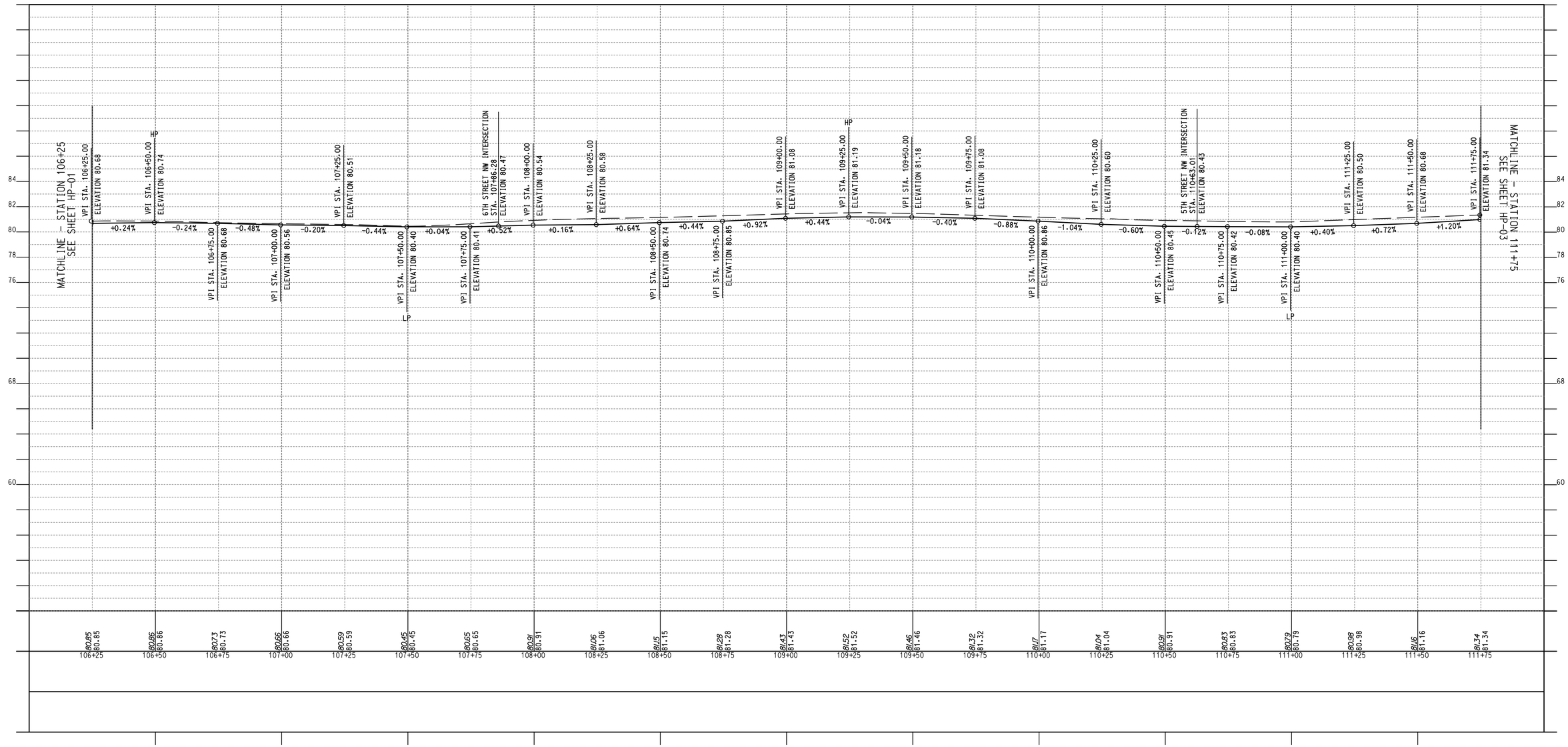
ROADWAY PROFILE
S STREET, N.W.
CENTERLINE

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

DIVISION CHIEF
DATE
FILE
SHEET OF

$PENTBLS$
$PLTDRVS$
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Wednesday, April 14, 2021 AT 05:47 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	18	150



HP-02

SCALE: 1"=5'

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.

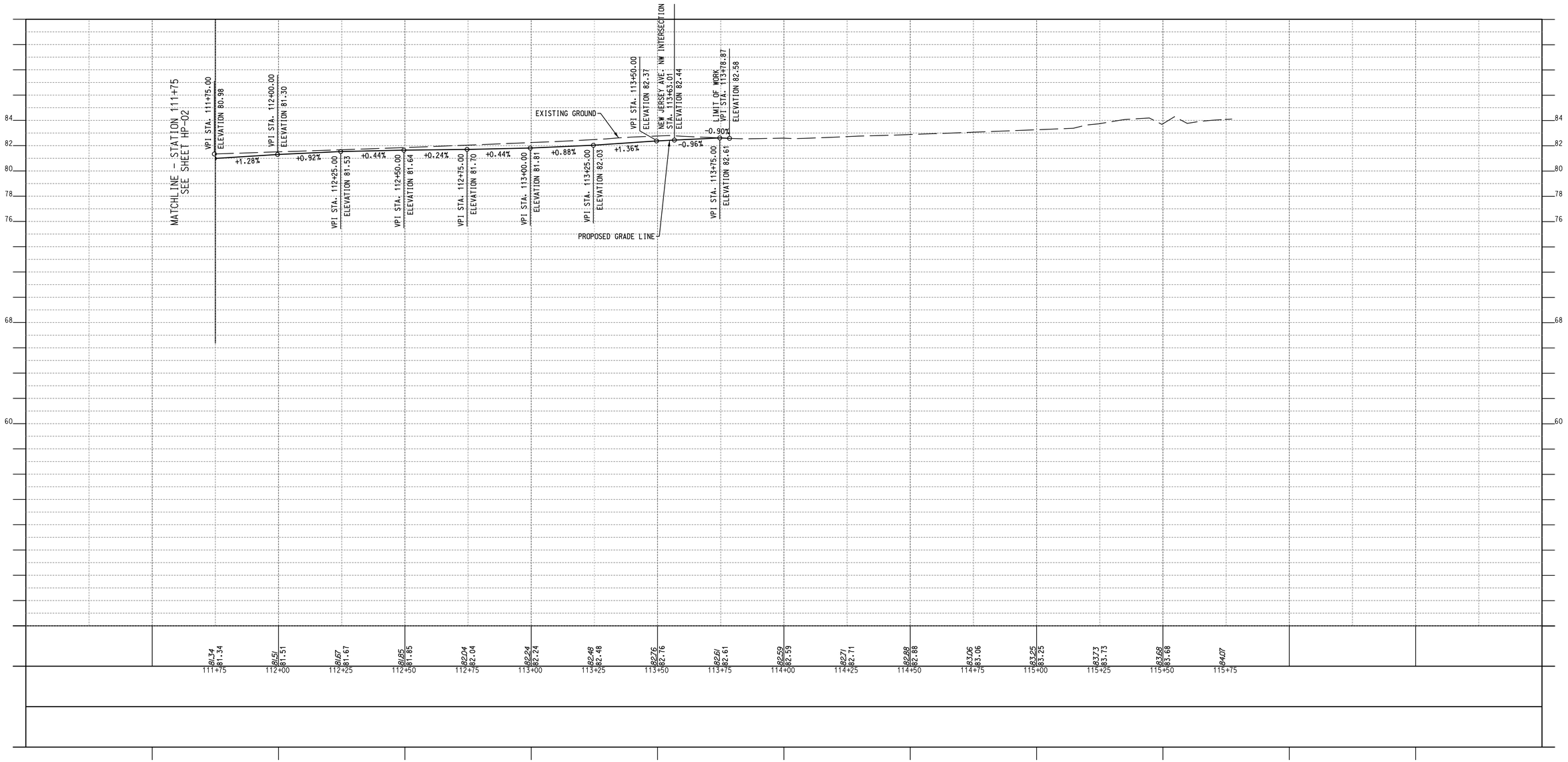
ROADWAY PROFILE
S STREET, N.W.
CENTERLINE

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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Wednesday, April 14, 2021 AT 05:47 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	19	150



HP-03

SCALE: 1"=5'

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.

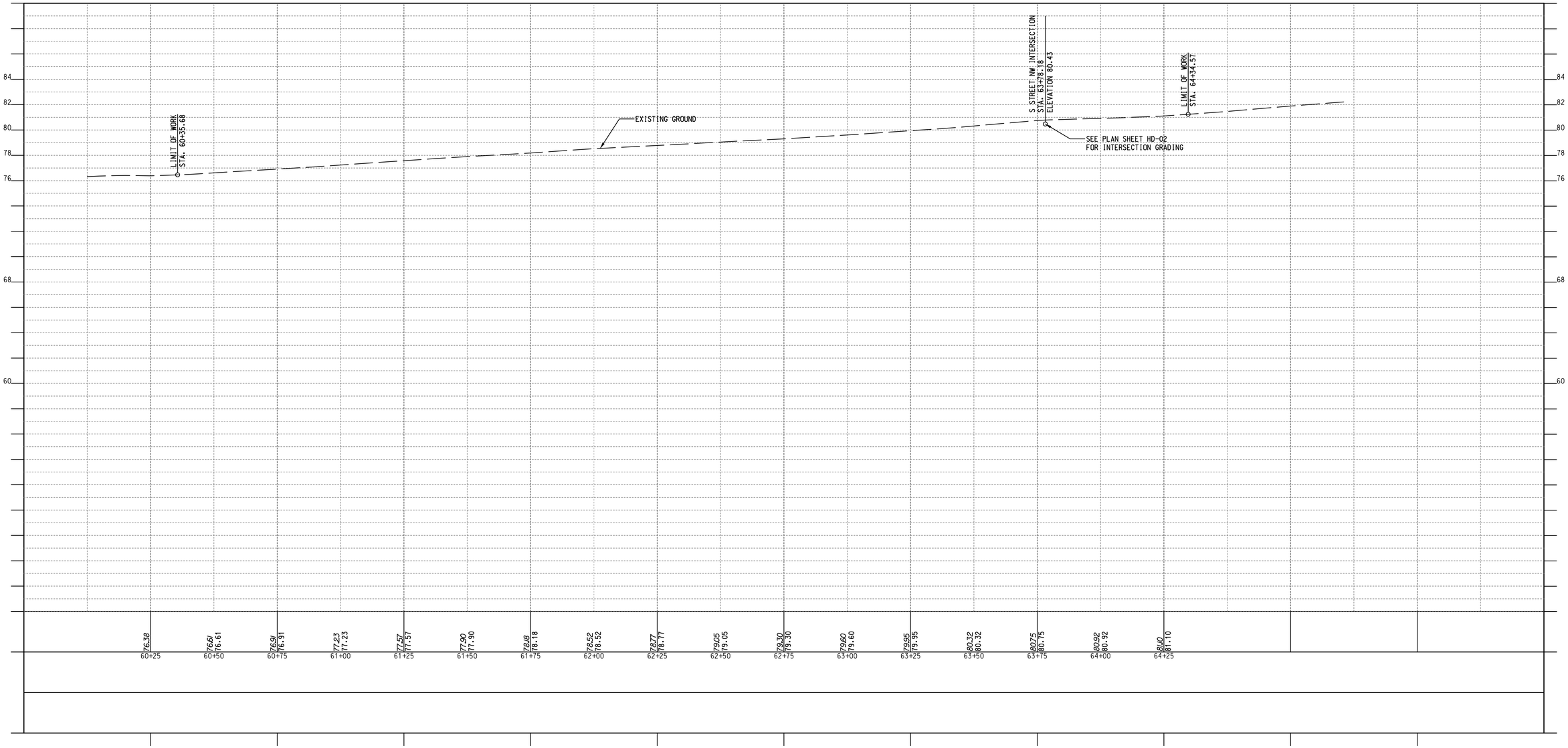
ROADWAY PROFILE
S STREET, N.W.
CENTERLINE

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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Wednesday, April 14, 2021 AT 05:47 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	20	150



HP-04

10′ 5′ 0 5′ SCALE: 1″=5′

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.

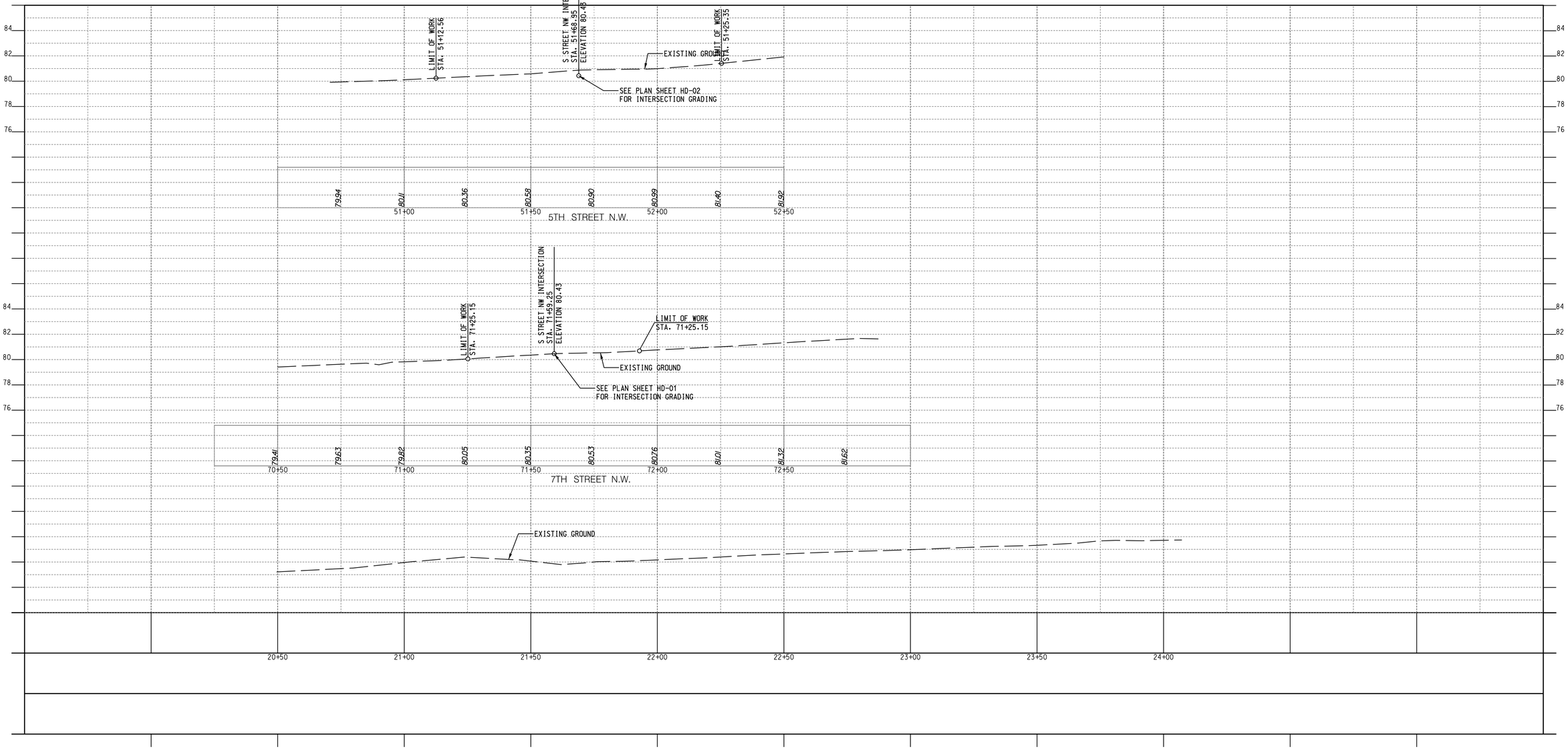
ROADWAY PROFILE
6TH STREET, N.W.
CENTERLINE

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

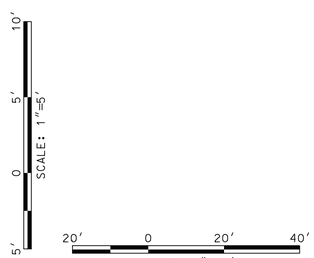
DIVISION CHIEF
DATE
FILE
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$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	21	150



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.

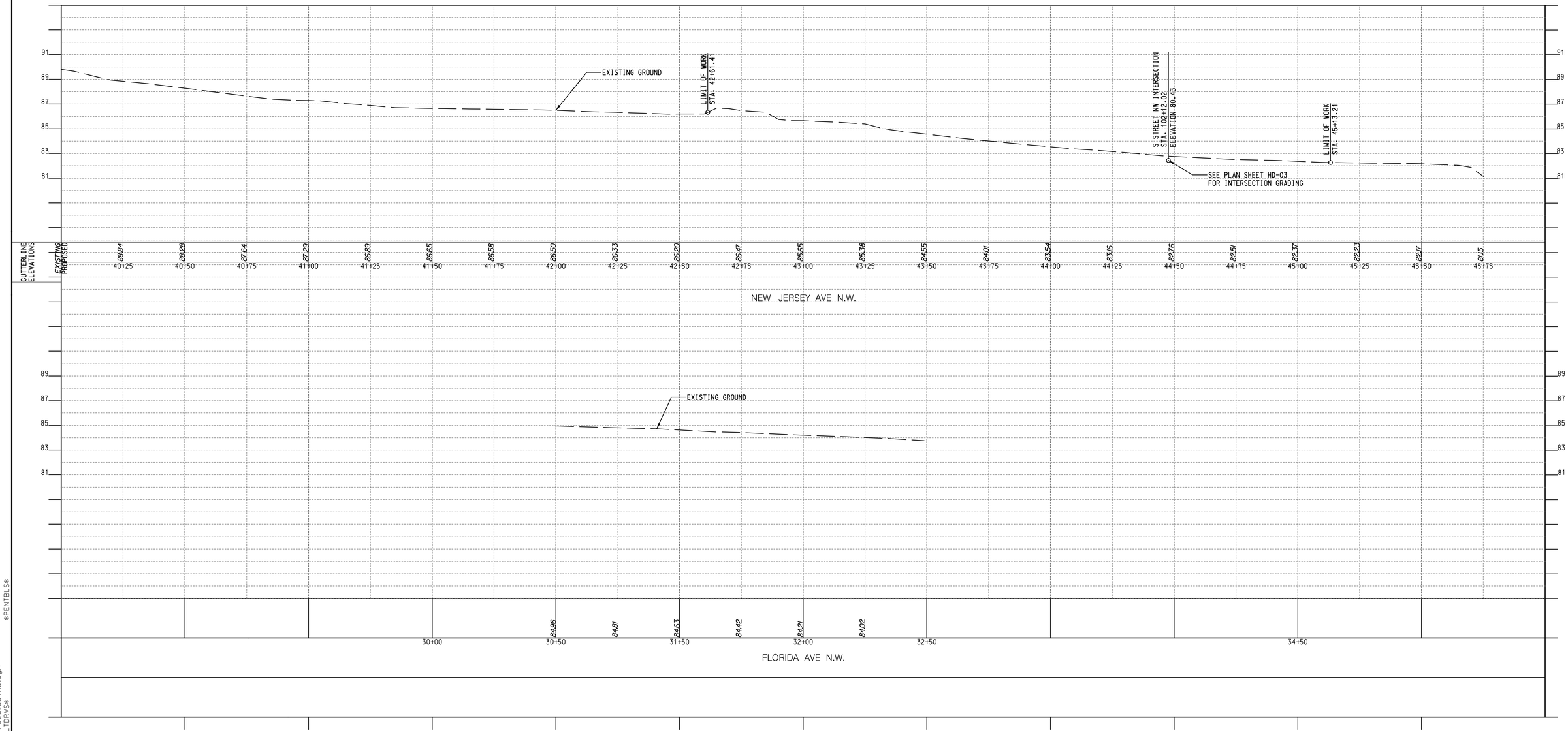
ROADWAY PROFILE
5TH ST, 7TH ST & RHODE ISLAND AVE
CENTERLINE

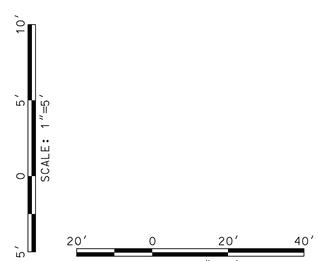
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET OF

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Wednesday, April 14, 2021 AT 05:47 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	22	150





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.

ROADWAY PROFILE
NEW JERSEY AVE NW & FLORIDA AVE NW
CENTERLINE

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

DIVISION CHIEF
DATE
FILE
SHEET OF

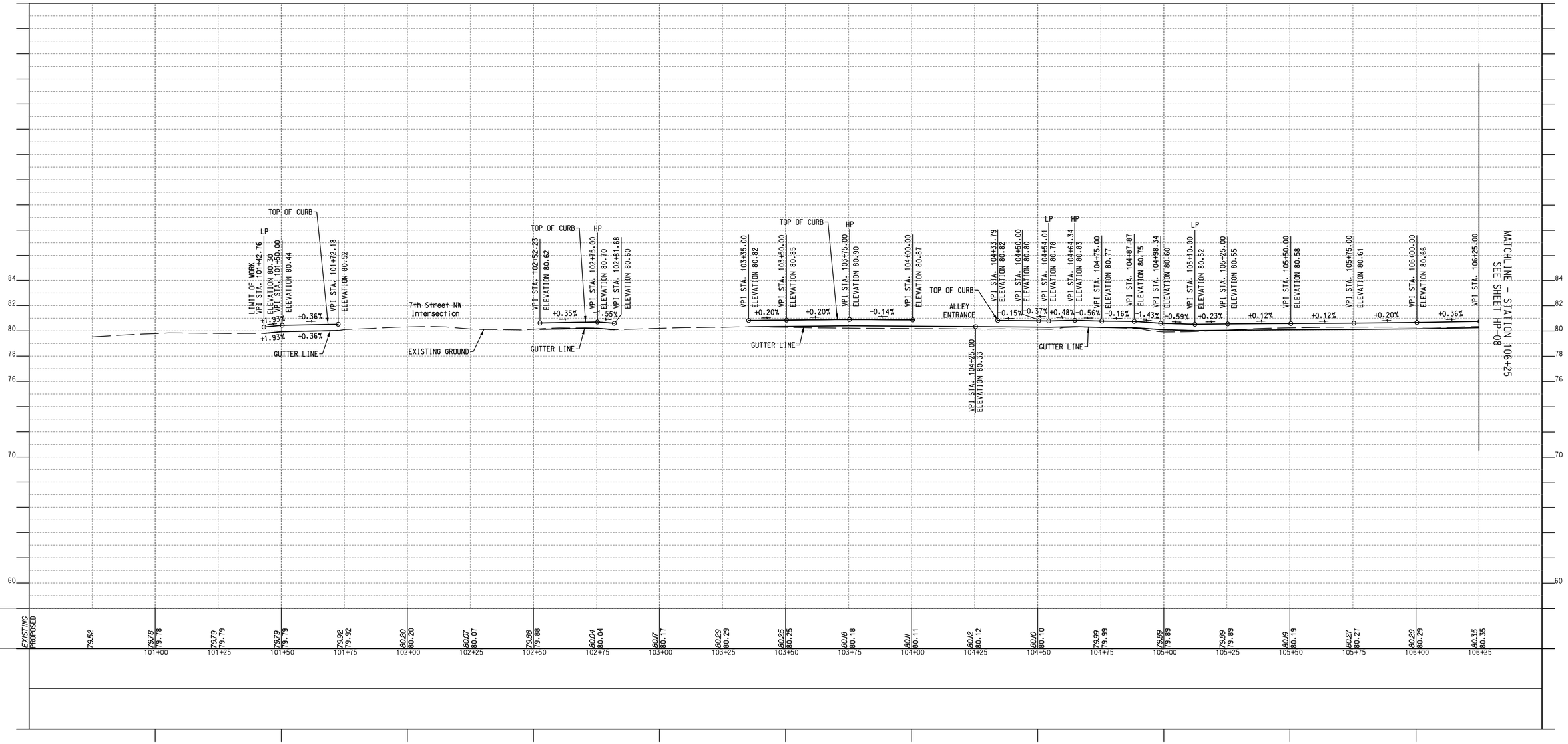
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

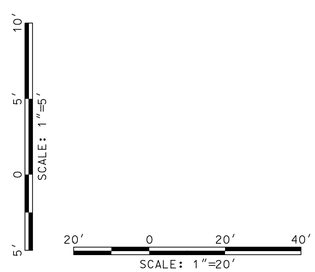
REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	23	150



HP–07



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.
RIGHT EDGE OF PAVEMENT

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

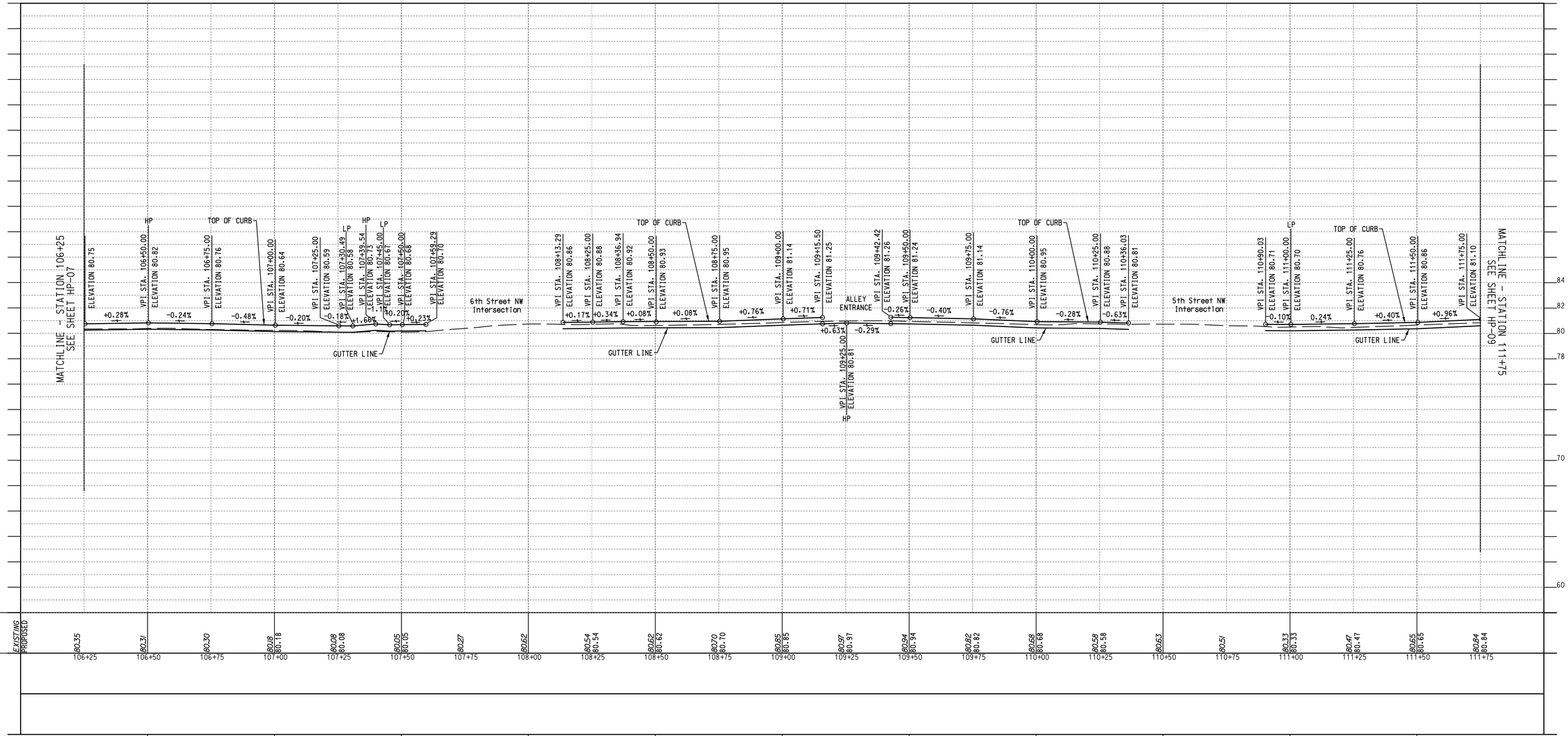
REVISIONS

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

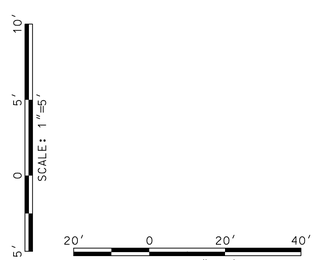
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DATE
FILE
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Wednesday, April 14, 2021 AT 05:47 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	24	150



HP-08



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
S STREET, N.W.
RIGHT EDGE OF PAVEMENT

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

DIVISION CHIEF

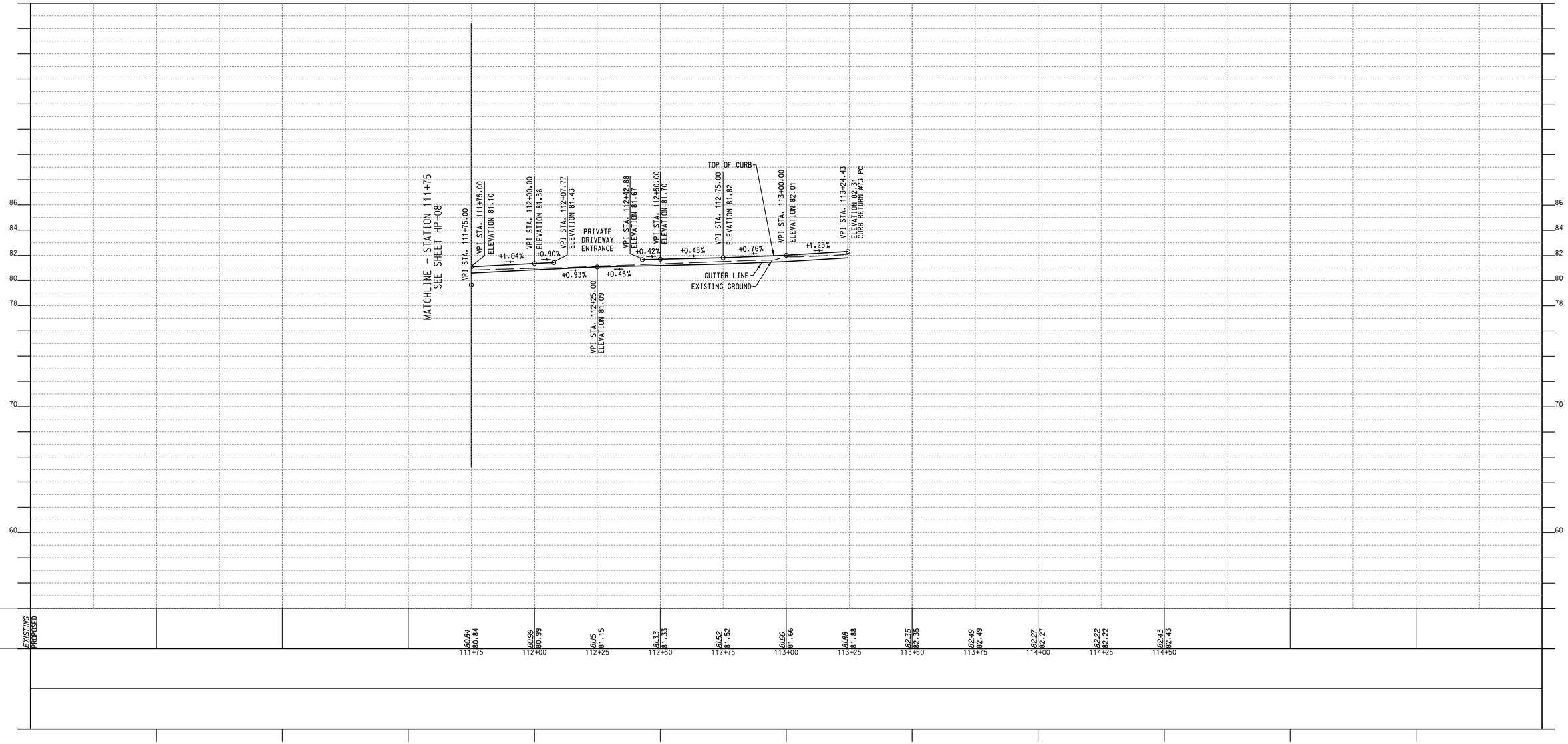
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FILE

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	25	150



$PENTBLS$

$PLTDRVS$

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Wednesday, April 14, 2021 AT 05:47 PM

5′ 0 5′ 10′
SCALE: 1″=5′

20′ 0 20′ 40′
SCALE: 1″=20′

HP–09

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

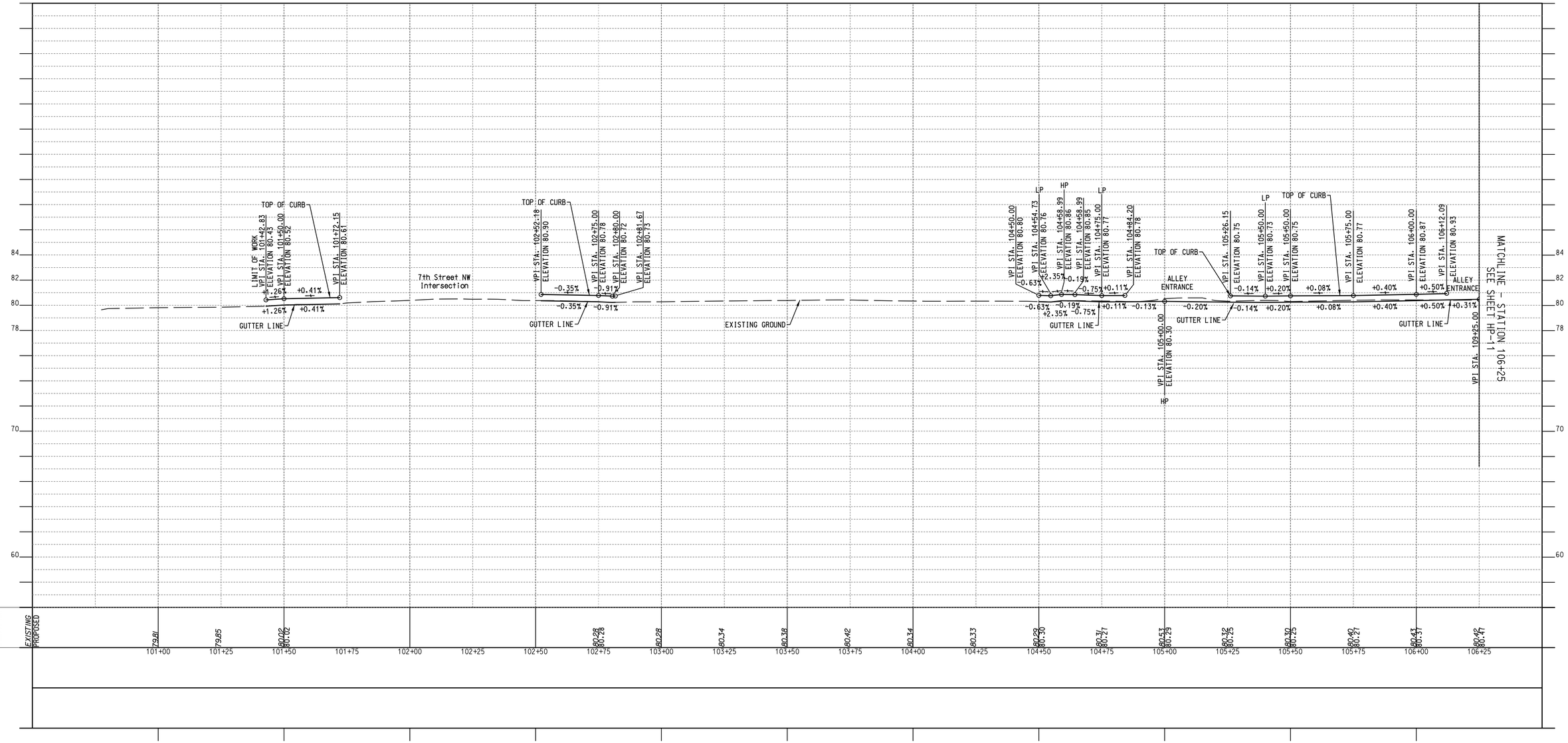
S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

ROADWAY PROFILE
S STREET, N.W.
RIGHT EDGE OF PAVEMENT

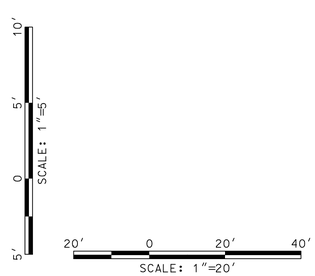
PROJECT ENG. TW
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CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	26	150



HP–10



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.
LEFT EDGE OF PAVEMENT

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

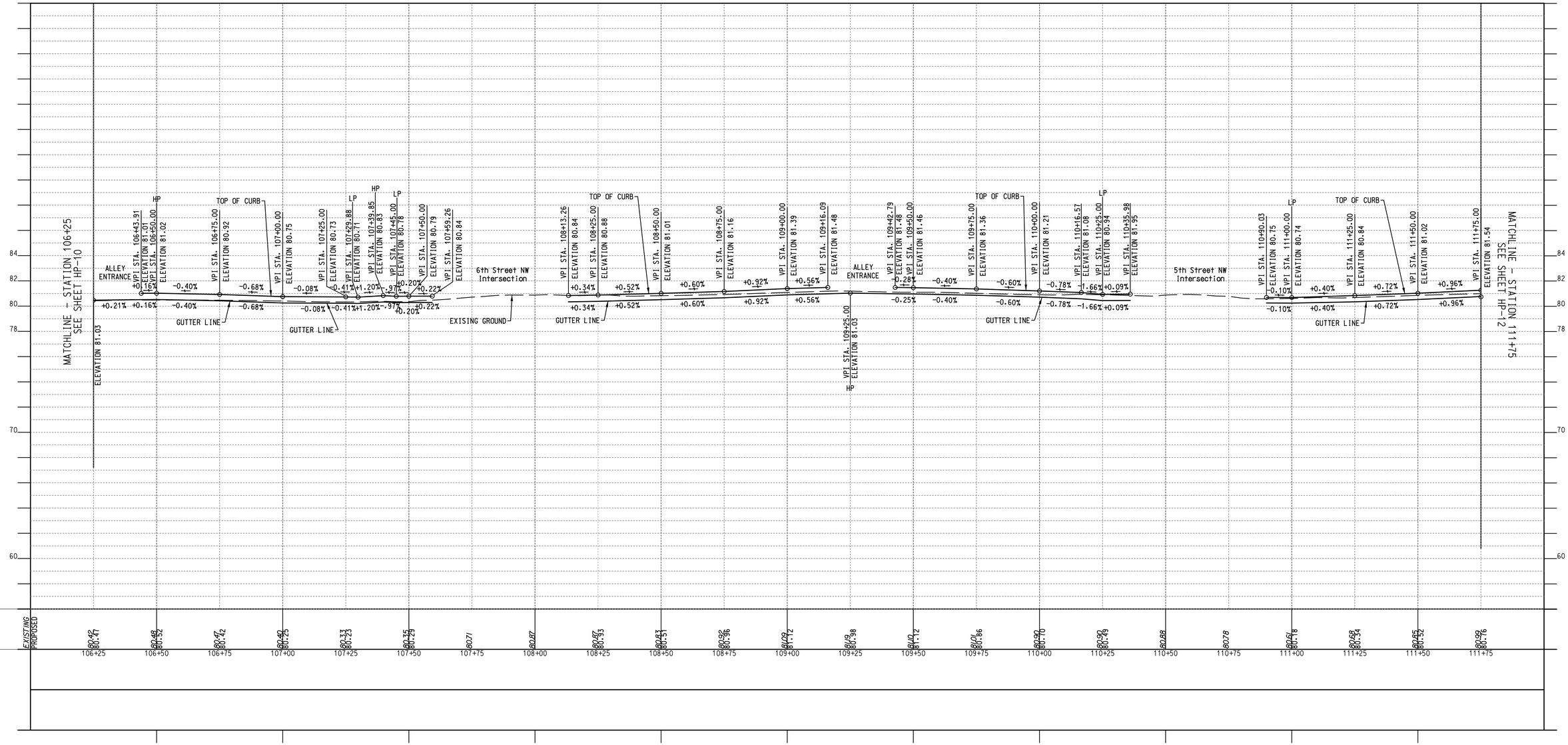
REVISIONS

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

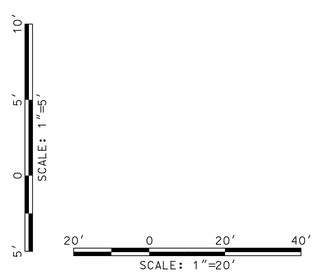
DIVISION CHIEF
DATE
FILE
SHEET OF

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Wednesday, April 14, 2021 AT 05:47 PM
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$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	27	150



HP–11



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.
LEFT EDGE OF PAVEMENT

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

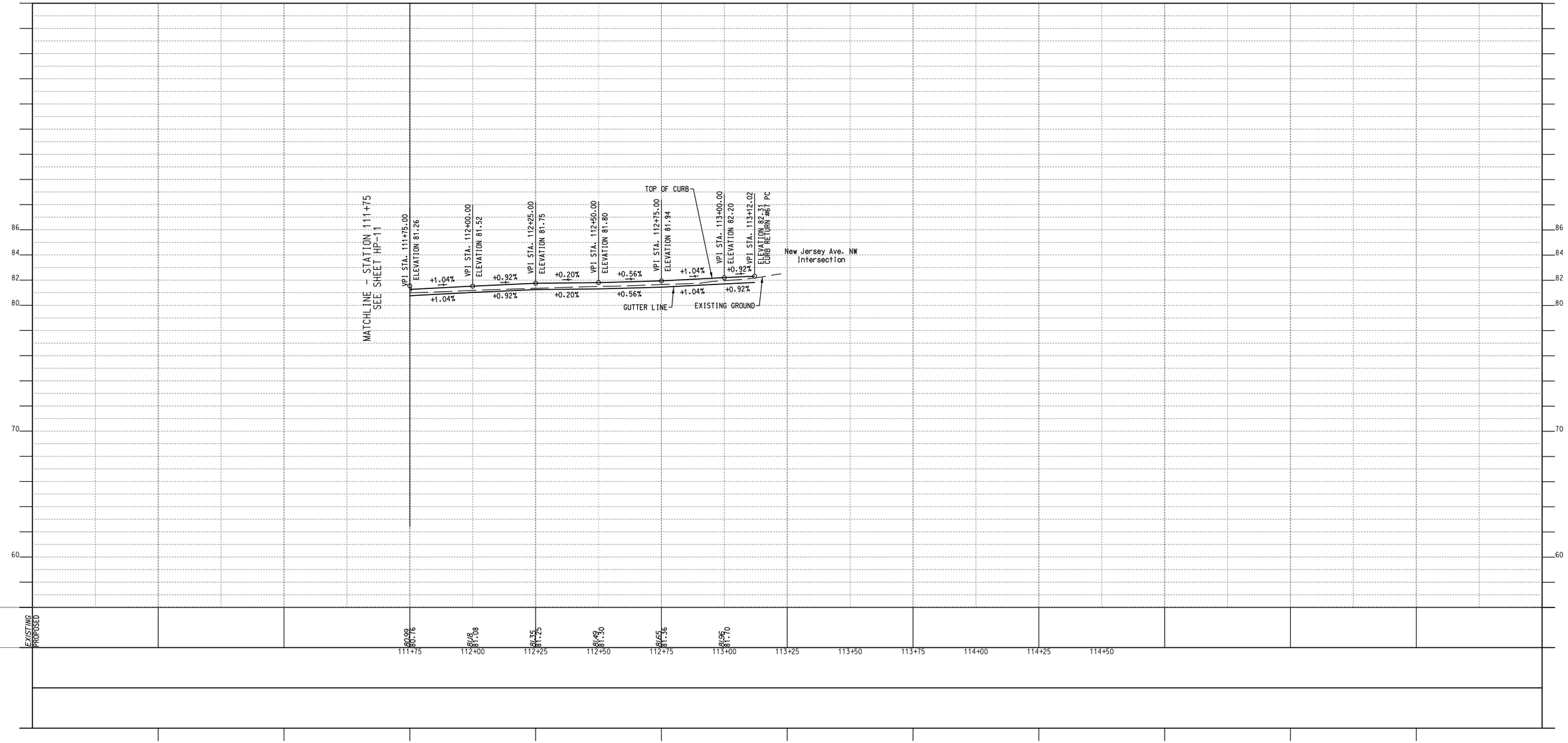
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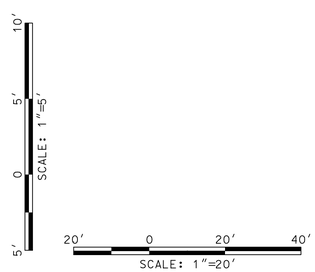
REVISIONS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	28	150





HP–12

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.
LEFT EDGE OF PAVEMENT

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

DIVISION CHIEF
DATE
FILE
SHEET OF

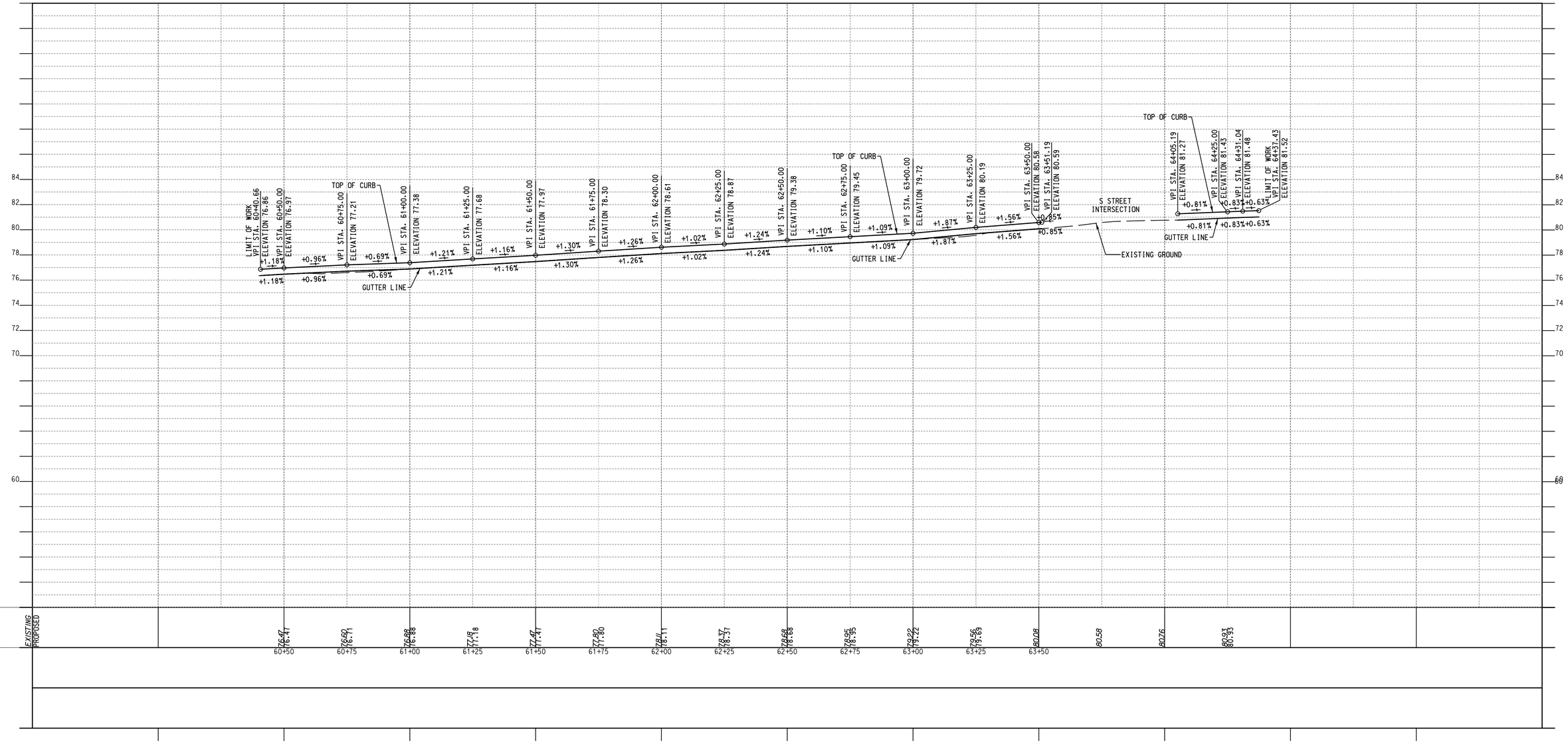
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
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Wednesday, April 14, 2021 AT 05:47 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	29	150



HP–13

SCALE: 1"=5'

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.

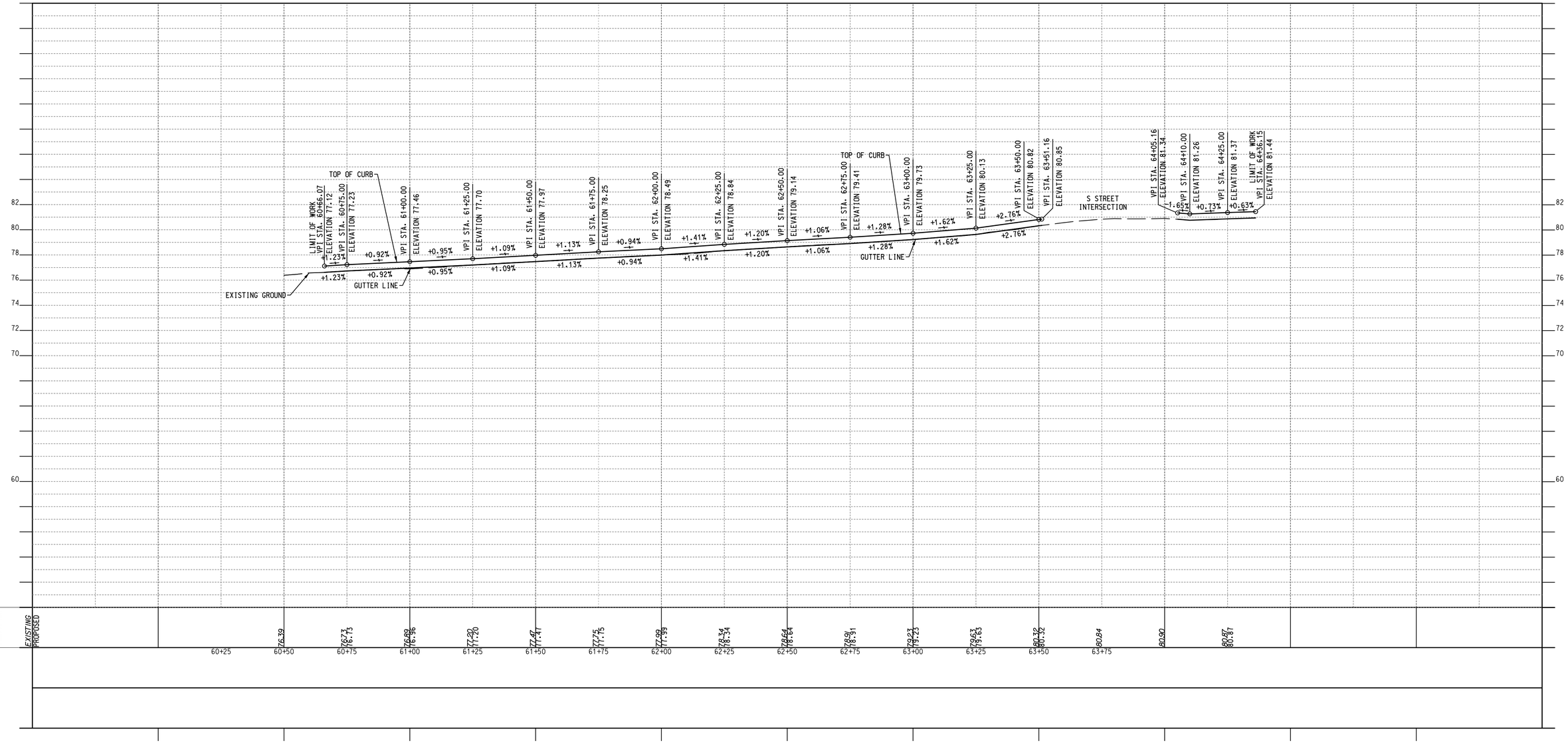
ROADWAY PROFILE
6TH STREET, N.W.
LEFT EDGE OF PAVEMENT

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

DIVISION CHIEF
DATE
FILE
SHEET OF

$PENTBLS$
$PLTDRVS$
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Wednesday, April 14, 2021 AT 05:47 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	30	150



HP–14

SCALE: 1"=5'

SCALE: 1"=20'

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Wednesday, April 14, 2021 AT 05:47 PM

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.

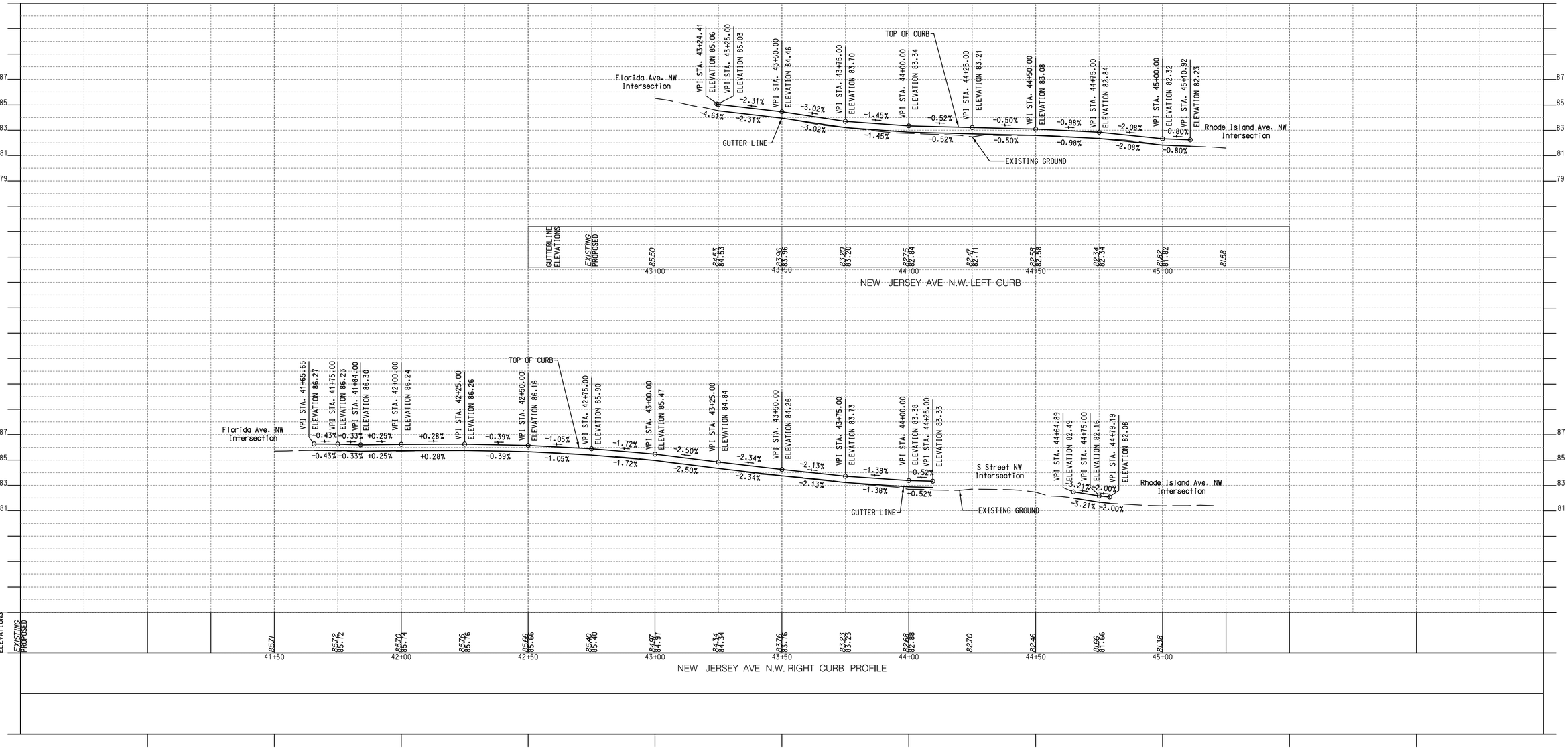
ROADWAY PROFILE
6TH STREET, N.W.
RIGHT EDGE OF PAVEMENT

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

DIVISION CHIEF

DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP - 2018 (046)	31	150



SCALE: 1"=5'

SCALE: 1"=20'

HP-15

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
NEW JERSEY AVE NW
LEFT & RIGHT CURB PROFILE

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBL$

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Wednesday, April 14, 2021 AT 05:47 PM
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	32	150

POT Sta. 73+45.22

POT Sta. 100+00.00

POT Sta. 70+00.00

LIMIT OF WORK
PROJ. NO. STP-2018 (046)
S STREET NW
STA. 101+42.79

LIMIT OF MILL & OVERLAY
STATION 101+42.79

LIMIT OF MILL & OVERLAY
STATION 71+25.15

LIMIT OF MILL & OVERLAY
STATION 71+92.99

S ST NW POT STA. 102+12.02 =
7TH ST NW POT STA. 71+59.25

7TH ST NW +50 N 0° 01′ 39″ E 73

7TH ST NW +50 N 0° 01′ 39″ E 72

7TH ST NW +50 N 0° 01′ 39″ E 71

S 89° 54′ 35″ E

N 454400
E 1305900

N 454400
E 1306200

N 454200
E 1306200

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

DD–01

LEGEND

- PROPOSED SINGLE, DOUBLE, TRIPLE CATCH BASIN
- EXISTING SINGLE, DOUBLE, TRIPLE CATCH BASIN
- PROPOSED PRECAST MANHOLE
- STORM INLET DRAINAGE BOUNDARY
- SD — PROPOSED STORM PIPE
- EXISTING TREE RETAINED
- BIORETENTION CELL

DRAINAGE STRUCTURE TABLE

STR. NO.	CLASSIFICATION	STATION	OFFSET	TOP ELEV.	INV. ELEV.	REMARKS
S STREET, N.W.						
I-1	DC DWG NO. 621.50	102+63.22	18.5′ RT.	XXX.XX	XXX.XX	
I-2	DC DWG NO. 621.50	102+67.67	17.2′ LT.	XXX.XX	XXX.XX	
116	DC WATER S-20.01	102+73.60	2.9′ RT.	XXX.XX	XXX.XX	
100	DC WATER S-20.01	104+73.01	1.7′ LT.	XXX.XX	XXX.XX	
I-3	DC DWG NO. 621.50	104+73.01	14.5′ LT.	XXX.XX	XXX.XX	
I-4	DC DWG NO. 621.50	105+16.02	35.6′ LT.	XXX.XX	XXX.XX	
101	DC WATER S-20.01	105+27.27	1.8′ LT.	XXX.XX	XXX.XX	
I-20	DC DWG NO. 621.50	105+36.94	17.1′ LT.	XXX.XX	XXX.XX	

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

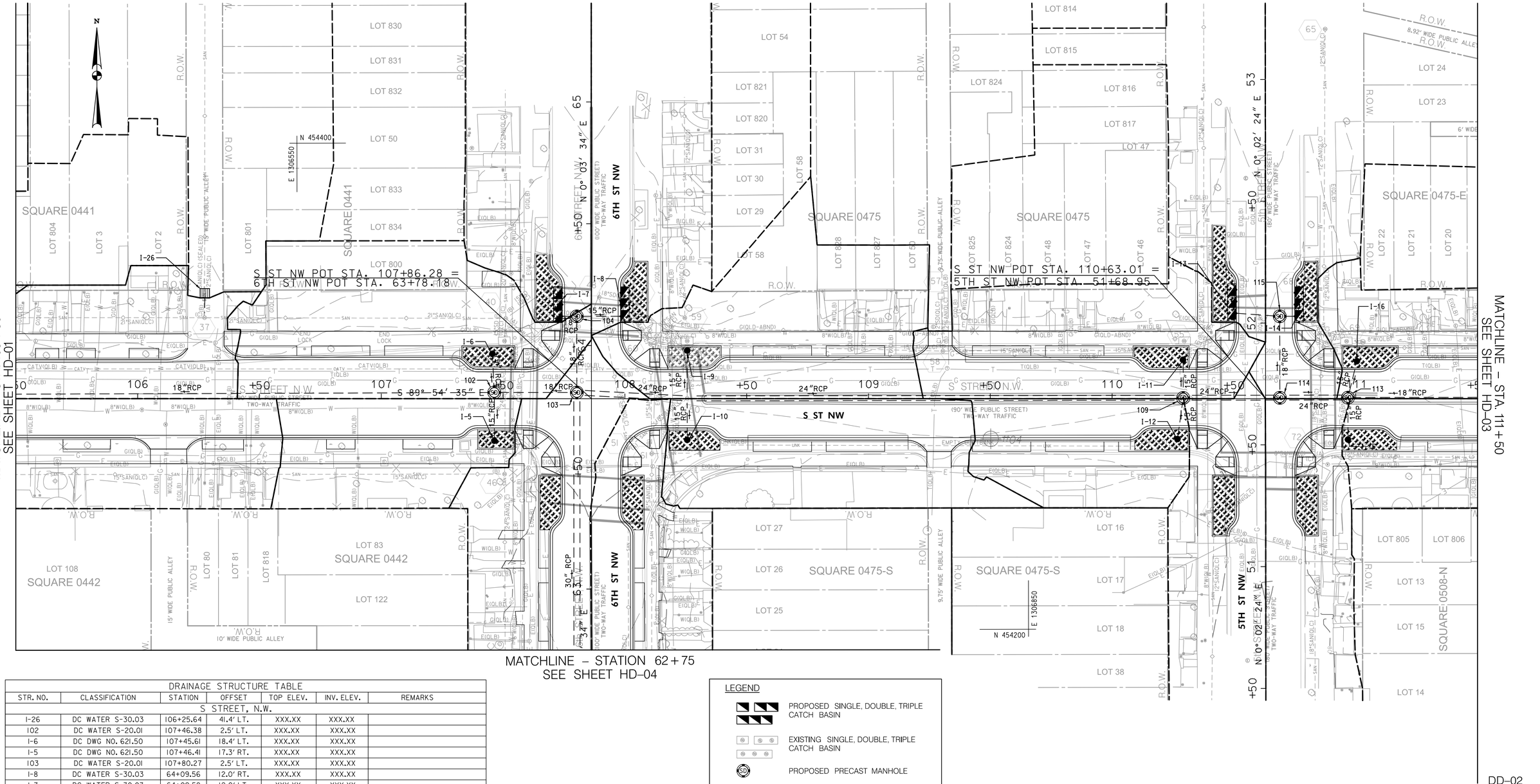
S STREET, N.W.
REVITALIZATION – PHASE 1
7TH STREET N.W. TO FLORIDA AVE N.W.

PAVING AND GRADING PLAN
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	OF

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Wednesday, April 14, 2021 AT 05:44 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	33	150



DRAINAGE STRUCTURE TABLE						
STR. NO.	CLASSIFICATION	STATION	OFFSET	TOP ELEV.	INV. ELEV.	REMARKS
S STREET, N.W.						
I-26	DC WATER S-30.03	106+25.64	41.4' LT.	XXX.XX	XXX.XX	
102	DC WATER S-20.01	107+46.38	2.5' LT.	XXX.XX	XXX.XX	
I-6	DC DWG NO. 621.50	107+45.61	18.4' LT.	XXX.XX	XXX.XX	
I-5	DC DWG NO. 621.50	107+46.41	17.3' RT.	XXX.XX	XXX.XX	
103	DC WATER S-20.01	107+80.27	2.5' LT.	XXX.XX	XXX.XX	
I-8	DC WATER S-30.03	64+09.56	12.0' RT.	XXX.XX	XXX.XX	
I-7	DC WATER S-30.03	64+09.58	12.0' LT.	XXX.XX	XXX.XX	
104	DC WATER S-20.01	64+11.98	6.0' LT.	XXX.XX	XXX.XX	
I-9	DC DWG NO. 621.50	108+25.60	19.8' LT.	XXX.XX	XXX.XX	
I-10	DC DWG NO. 621.50	108+25.61	16.9' RT.	XXX.XX	XXX.XX	
I-11	DC DWG NO. 621.50	110+29.08	16.0' LT.	XXX.XX	XXX.XX	
I-12	DC DWG NO. 621.50	110+29.08	16.6' RT.	XXX.XX	XXX.XX	
109	DC WATER S-20.01	110+29.19	0.3' LT.	XXX.XX	XXX.XX	
114	DC WATER S-20.01	110+68.86	0.4' LT.	XXX.XX	XXX.XX	
I-14	DC WATER S-30.03	52+00.35	12.0' RT.	XXX.XX	XXX.XX	
I-13	DC WATER S-30.03	52+01.61	12.0' LT.	XXX.XX	XXX.XX	
115	DC WATER S-20.01	52+02.76	5.8' RT.	XXX.XX	XXX.XX	
113	DC WATER S-20.01	110+96.81	0.4' LT.	XXX.XX	XXX.XX	
I-15	DC DWG NO. 621.50	110+96.84	16.8' RT.	XXX.XX	XXX.XX	
I-16	DC DWG NO. 621.50	111+00.47	15.4' LT.	XXX.XX	XXX.XX	

LEGEND

- PROPOSED SINGLE, DOUBLE, TRIPLE CATCH BASIN
- EXISTING SINGLE, DOUBLE, TRIPLE CATCH BASIN
- PROPOSED PRECAST MANHOLE
- STORM INLET DRAINAGE BOUNDARY
- —SD— PROPOSED STORM PIPE
- EXISTING TREE RETAINED
- BIORETENTION CELL

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

DD-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.

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 OF

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

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 05:44 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	34	150

DRAINAGE STRUCTURE TABLE						
STR. NO.	CLASSIFICATION	STATION	OFFSET	TOP ELEV.	INV. ELEV.	REMARKS
S STREET, N.W.						
112	DC WATER S-20.01	113+08.03	0.7' LT.	XXX.XX	XXX.XX	
I-19	DC WATER S-30.03	42+94.81	20.9' RT.	XXX.XX	XXX.XX	
110	DC WATER S-20.01	43+20.55	12.2' LT.	XXX.XX	XXX.XX	
I-17	DC WATER S-30.03	43+90.21	21.0' RT.	XXX.XX	XXX.XX	
I-18	DC WATER S-30.03	43+90.21	21.0' LT.	XXX.XX	XXX.XX	
111	DC WATER S-20.01	44+00.67	13.9' LT.	XXX.XX	XXX.XX	

CURVE NJ01
PI 41+50.41
N 454,544.4080
E 1,307,098.8181
Δ 54° 31' 14" (LT)
D 95° 29' 35"
R 60.00
Lc 57.09
T 30.92

CURVE NJ02
PI 42+43.12
N 454,497.7336
E 1,307,184.3687
Δ 45° 43' 05" (RT)
D 36° 57' 54"
R 155.00
Lc 123.68
T 65.34

POT Sta. 41+76.58
POT Sta. 41+77.78
CURVE NJ01
S 61° 23' 03" E
CURVE NJ02
FLORIDA AVE NW
N 454500
E 1307050
N 454500
E 1307450
POT Sta. 43+01.46
POT Sta. 30+00.00
S 61° 23' 03" E +50
I-19
15"RCP
110
43
NEW JERSEY AVE NW
18"RCP
I-18
15"RCP
I-17
15"RCP
18"RCP
S 15° 39' 58" E +50
111
44
EX-81
31
FLORIDA AVE NW
+50 S 61° 23' 03" E 32
POT Sta. 24+78.96
N 66° 07' 44" E +50
24
RHODE ISLAND AVE NW POT STA. 24+07.43 =
FLORIDA AVE NW POT STA. 32+26.55
S ST NW POT STA. 116+03.32 =
FLORIDA AVE NW POT STA. 23+64.76
S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 45+47.67
112
113
114
115
116
S 89° 54' 35" E +50
S ST NW
23
RHODE ISLAND AVE NW
+50
N 66° 07' 44" E 22
EX-76
45
S 15° 39' 58" E
NEW JERSEY AVE NW
46
N 454200
E 1307450
RHODE ISLAND AVE NW POT STA. 21+25.29 =
NEW JERSEY AVE NW POT STA. 45+48.72
21
RHODE ISLAND AVE NW
+50
POT Sta. 20+00.00
MATCHLINE – STA. 111+50
SEE SHEET HD-02
SQUARE 0475-E
LOT 31
SQUARE 0475-E
LOT 821
SQUARE 3095
U.S. RES. 160
RHODE ISLAND AVENUE, N.W.
(130' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
(90' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
8.92' WIDE PUBLIC ALLEY
15' WIDE PUBLIC ALLEY
(80' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
(160' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
(130' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
LIMIT OF WORK
PROJ. NO. STP-2018 (046)
S STREET NW
STA. 116+03.32
SQUARE 0475-E
SQUARE 0475-E
SQUARE 0475-E
SQUARE 0508-N
LOT 802
LOT 803
LOT 4
LOT 12
LOT 11
LOT 813
LOT 814
LOT 821
LOT 3095
LOT 29
LOT 43
LOT 44
LOT 49
LOT 48
LOT 47
LOT 46
LOT 84
LOT 83
LOT 54
LOT 60
LOT 20
LOT 19
LOT 18
LOT 31
LOT 16
LOT 15
LOT 14
LOT 1
LOT 19
LOT 18
LOT 17
LOT 16
LOT 15
LOT 14
LOT 1
LOT 813
LOT 814
R.O.W.
PUBLIC ALLEY
#805
#807
U.S. RES. 160
SCALE: 1"=20'
20' 0 20' 40'

LEGEND

- PROPOSED SINGLE, DOUBLE, TRIPLE CATCH BASIN
- EXISTING SINGLE, DOUBLE, TRIPLE CATCH BASIN
- PROPOSED PRECAST MANHOLE
- STORM INLET DRAINAGE BOUNDARY
- SD PROPOSED STORM PIPE
- EXISTING TREE RETAINED
- BIORETENTION CELL

DD-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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

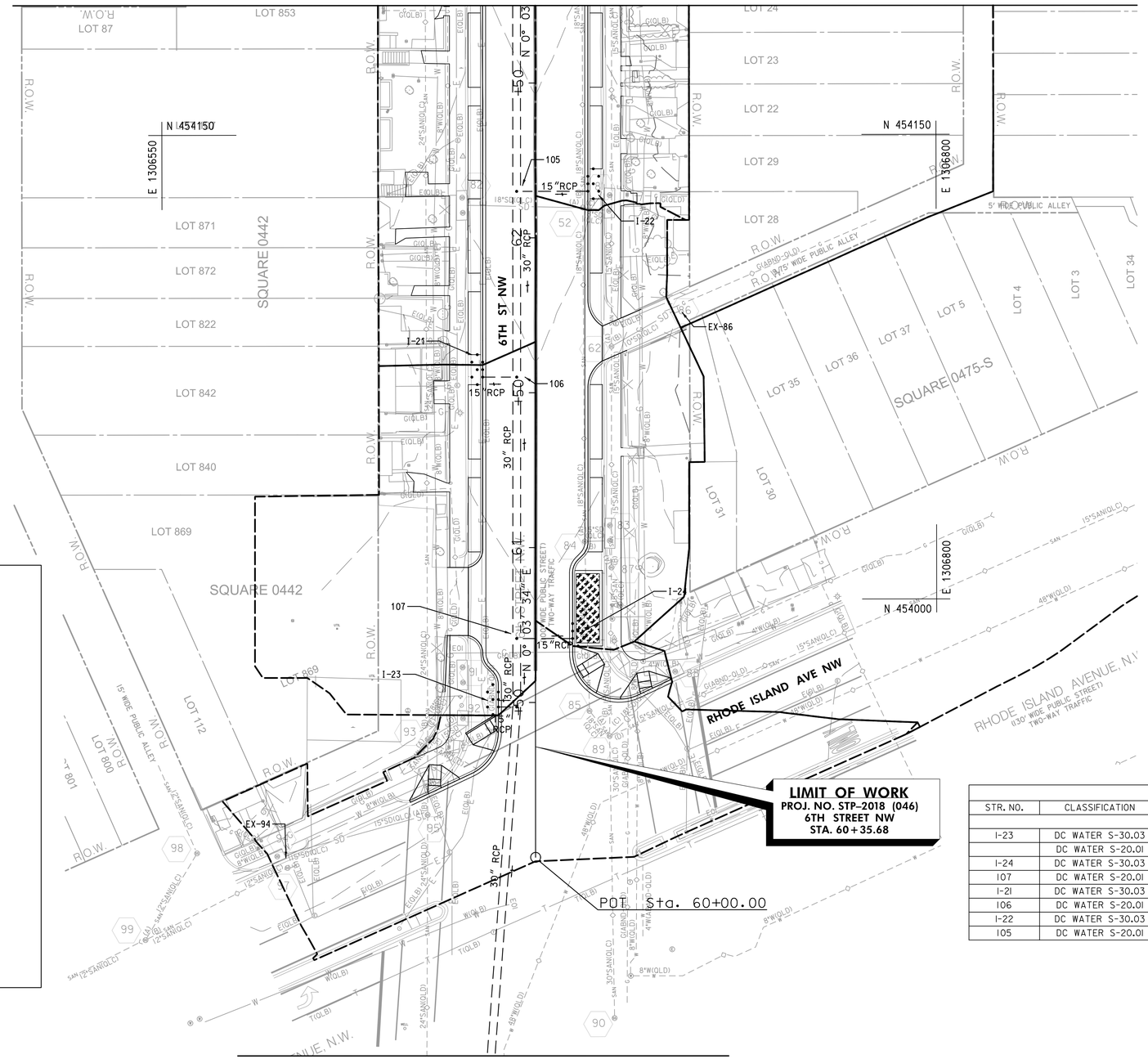
NO.	DESCRIPTION	NAME	DATE

REVISIONS

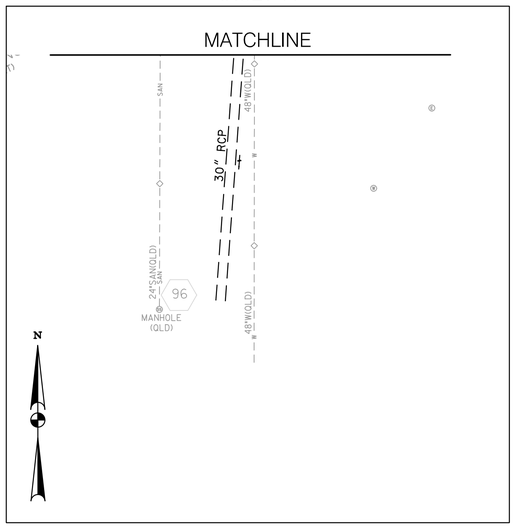
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Wednesday, April 14, 2021 AT 05:44 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	35	150

MATCHLINE – STA. 62+75 SEE SHEET HD–02



INSET A



MATCHLINE – SEE INSET A

LEGEND

- XX — PROPOSED SINGLE, DOUBLE, TRIPLE CATCH BASIN
- EXISTING SINGLE, DOUBLE, TRIPLE CATCH BASIN
- PROPOSED PRECAST MANHOLE
- STORM INLET DRAINAGE BOUNDARY
- SD — PROPOSED STORM PIPE
- EXISTING TREE RETAINED
- BIORETENTION CELL

DRAINAGE STRUCTURE TABLE

STR. NO.	CLASSIFICATION	STATION	OFFSET	TOP ELEV.	INV. ELEV.	REMARKS
S STREET, N.W.						
I-23	DC WATER S-30.03	60+46.12	12.0' LT.	XXX.XX	XXX.XX	
	DC WATER S-20.01	60+48.54	6.1' LT.	XXX.XX	XXX.XX	
I-24	DC WATER S-30.03	60+68.22	12.0' RT.	XXX.XX	XXX.XX	
107	DC WATER S-20.01	60+70.65	6.0' LT.	XXX.XX	XXX.XX	
I-21	DC WATER S-30.03	61+52.63	17.0' LT.	XXX.XX	XXX.XX	
106	DC WATER S-20.01	61+55.05	6.0' LT.	XXX.XX	XXX.XX	
I-22	DC WATER S-30.03	62+12.62	17.0' RT.	XXX.XX	XXX.XX	
105	DC WATER S-20.01	62+15.02	6.0' LT.	XXX.XX	XXX.XX	

DD–04

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

AMT
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 PLAN

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

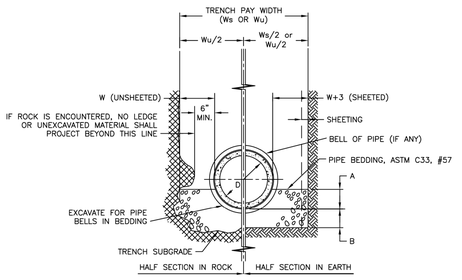
DIVISION CHIEF
DATE
FILE
SHEET OF

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Wednesday, April 14, 2021 AT 05:44 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	36	150

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-12.01
1 OF 2



APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBG/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
CONCRETE PIPE SEWER
TRENCH LAYING CONDITION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-12.01
2 OF 2

PIPE DIAMETER	PIPE BEDDING DIMENSION				TRENCH PAY WIDTH	
			B		UNSHEETED	SHEETED
D	W	A	IN SOIL	IN ROCK	Wu	Ws
12"	12"	5"	3"	6"	3' – 4"	3' – 10"
15"	12"	5"	3"	6"	3' – 7"	4' – 1"
18"	12"	6"	3"	6"	3' – 11"	4' – 5"
21"	12"	7"	3"	6"	4' – 3"	4' – 9"
24"	12"	8"	3"	6"	4' – 6"	5' – 0"
27"	18"	8"	3"	6"	5' – 9"	6' – 3"
30"	18"	9"	4"	9"	6' – 1"	6' – 7"
33"	18"	10"	4"	9"	6' – 5"	6' – 11"
36"	18"	10"	4"	9"	6' – 8"	7' – 2"
42"	18"	13"	4"	9"	7' – 3"	7' – 9"
48"	24"	15"	4"	9"	8' – 10"	9' – 4"
54"	24"	16"	4"	9"	9' – 5"	9' – 11"
60"	24"	18"	4"	9"	10' – 0"	10' – 6"
66"	24"	20"	6"	12"	10' – 7"	11' – 1"
72"	24"	22"	6"	12"	11' – 2"	11' – 8"
78"	24"	23"	6"	12"	11' – 9"	12' – 3"
84"	24"	25"	6"	12"	12' – 4"	12' – 10"
90"	24"	27"	6"	12"	12' – 11"	13' – 5"
96"	24"	28"	6"	12"	13' – 6"	14' – 0"
102"	24"	30"	6"	12"	14' – 1"	14' – 7"
108"	24"	32"	6"	12"	14' – 8"	15' – 2"

NOTES:

1. IF NECESSARY TO EXCEED W BELOW A HORIZONTAL PLANE 1'–0" ABOVE TOP OF PIPE, SEE SPECIFICATION SECTION 02220.
2. SHEETING, IF USED, SHALL BE REMOVED IN CONJUNCTION WITH THE BACKFILLING OPERATION UNLESS OTHERWISE SPECIFIED OR SHOWN ON DRAWING. HOWEVER, IF APPROVED IN WRITING, SHEETING MAY BE CUT–OFF AND LEFT IN PLACE BELOW A LINE 1'–0" ABOVE THE TOP OF THE PIPE OR AS DIRECTED BY THE ENGINEER.

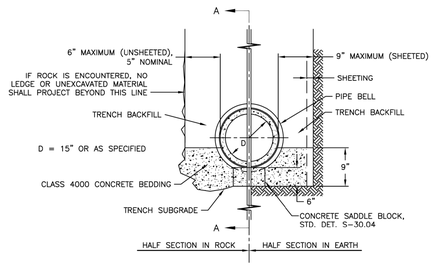
APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

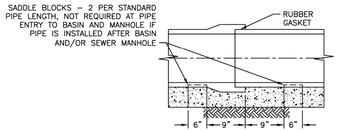
REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBG/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
CONCRETE PIPE SEWER
TRENCH LAYING CONDITION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-12.02
1 OF 1





SECTION A – A

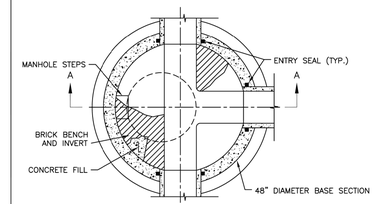
APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBG/BKJV
CHECKED BY: W.DARROW

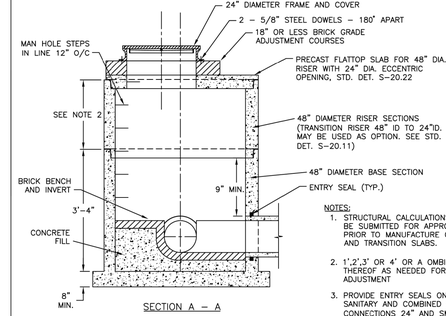
STANDARD DETAIL
CATCH BASIN CONNECTION PIPE
TRENCH LAYING CONDITION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-20.01
1 OF 1



SECTIONAL PLAN



SECTION A – A

NOTES:

1. STRUCTURAL CALCULATIONS MUST BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OF BASE AND TRANSITION SLABS.
2. 1',2',3' OR 4' OR A OMBINATION THEREOF AS NEEDED FOR GRADE ADJUSTMENT
3. PROVIDE ENTRY SEALS ON SANITARY AND COMBINED SEWER CONNECTIONS 24" AND SMALLER.

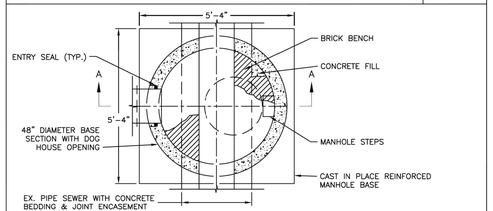
APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBG/BKJV
CHECKED BY: W.DARROW

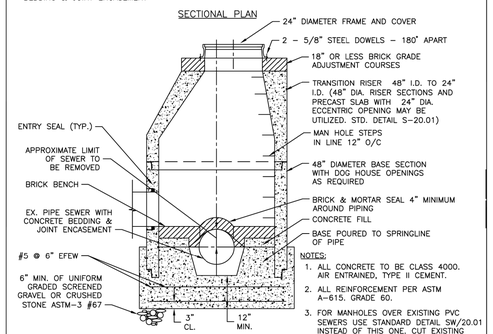
STANDARD DETAIL
PRECAST CONCRETE MANHOLE
FOR NEW 10" THRU 21" DIAMETER SEWERS
(48" DIAMETER PRECAST BASE)

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-20.11
1 OF 1



SECTIONAL PLAN



SECTION A – A

NOTES:

1. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT.
2. ALL REINFORCEMENT PER ASTM A–615, GRADE 60.
3. FOR MANHOLES OVER EXISTING PVC SEWERS USE STANDARD DETAIL SW/20.01 INSTEAD OF THIS ONE. CUT EXISTING PVC SEWER AND RECONNECT ON EITHER SIDE OF MANHOLE

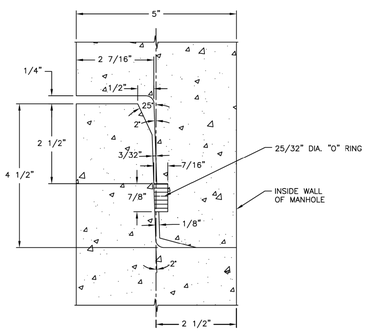
APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBG/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
PRECAST CONCRETE MANHOLE OVER EXISTING
10" THRU 21" DIAMETER SEWERS WITH
CAST IN PLACE CONCRETE BASE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-20.20
1 OF 1



JOINT DETAIL

NOTE:
FOR CLARITY, REINFORCING NOT SHOWN.

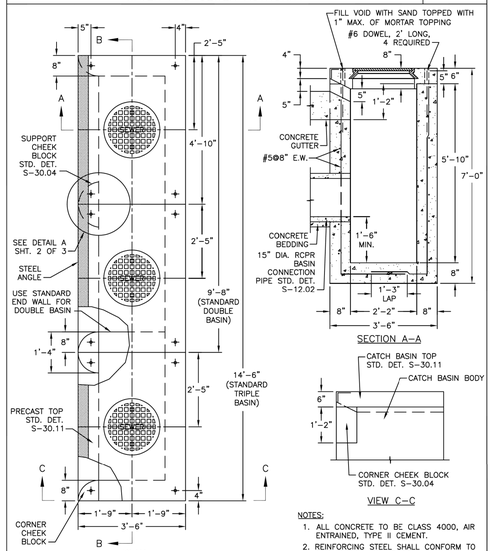
APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBG/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
PIPE RISER JOINT DETAIL
(48" DIAMETER RISER)

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-30.03
1 OF 2



NOTES:

1. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.

APPROVED DATE: June 20, 2003
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES

REVISION NO.: 0
DATE: 6/20/03
PREPARED BY: OBG/BKJV
CHECKED BY: W.DARROW

STANDARD DETAIL
STANDARD DOUBLE AND
STANDARD TRIPLE BASINS

DD–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.

DRAWING TITLE: DRAINAGE DETAILS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

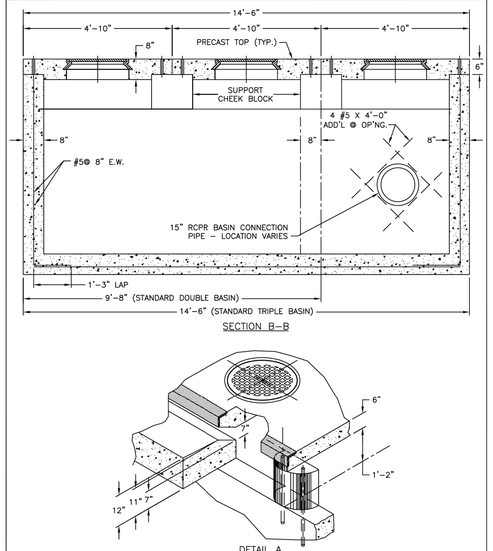
NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:21 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	37	150

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.03 2 OF 2



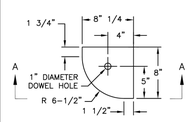
SECTION B–B

DETAIL A

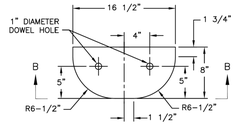
APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: OBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL
STANDARD DOUBLE AND STANDARD TRIPLE BASINS

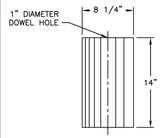
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.04 1 OF 1



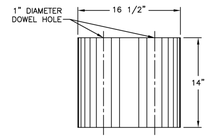
PLAN – CORNER CHEK BLOCK



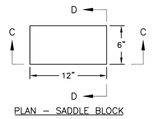
PLAN – SUPPORT CHEEK BLOCK



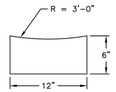
SECTION A – A



SECTION B – B



PLAN – SADDLE BLOCK



SECTION C – C



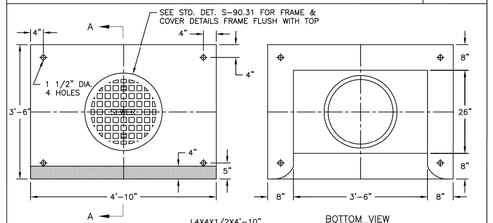
SECTION D– D

NOTES:
1. SEE SPECIFICATIONS
2. CLASS 4000 CONCRETE, AIR ENTRAINMENT, TYPE II CEMENT.

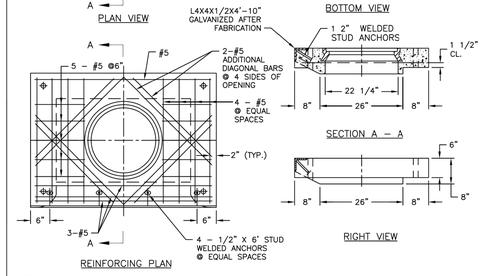
APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: OBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL
DETAILS FOR CHEEK BLOCKS AND SADDLE BLOCKS

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.11 1 OF 1



PLAN VIEW — BOTTOM VIEW



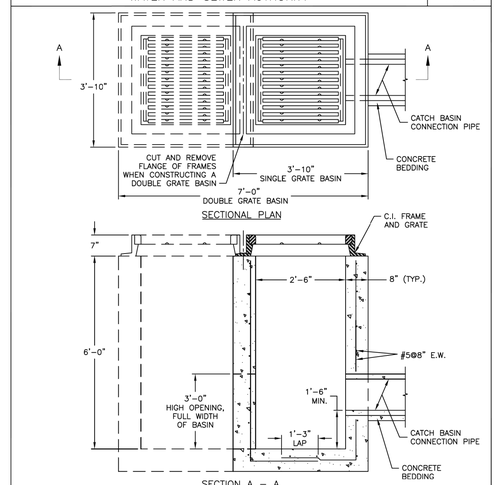
REINFORCING PLAN — SECTION A – A — RIGHT VIEW

NOTES:
1. SEE SPECIFICATIONS
2. CLASS 4000 CONCRETE, AIR ENTRAINED, TYPE II CEMENT.
3. REINFORCING STEEL, ASTM A615, GRADE 60, 1 1/2" CLEAR COVER UNLESS NOTED
4. STEEL ANGLE PER ASTM A36, GALVANIZED PER ASTM A123
5. STUD ANCHORS SHALL BE LOW CARBON STEEL, ASTM A108, TYPE H4L NELSON HEADED ANCHORS WITH FLUXED ENDS, BY NELSON STUD WELDING CO. OR APPROVED EQUAL

APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: OBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL
8" PRECAST STANDARD CATCH BASIN TOP

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.31 1 OF 2



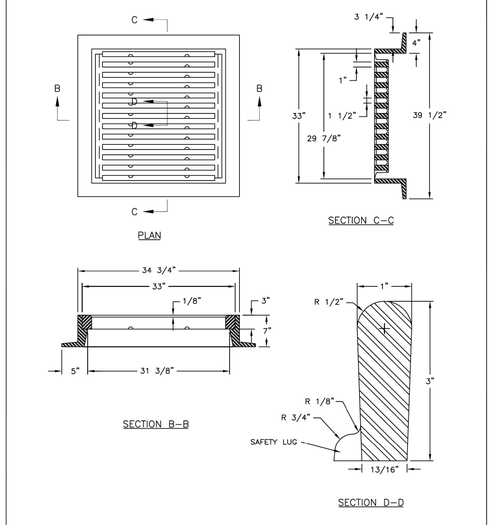
SECTIONAL PLAN — SECTION A – A

NOTES:
1. GRAY IRON CASTINGS PER ASTM A–48, CLASS 30A.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE – 0 + 1/16".
3. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED, TYPE II CEMENT.
4. REINFORCING SHALL BE CENTERED IN WALL AND BASE AND SHALL CONFORM TO ASTM A615 GRADE 60.

APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: OBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL
GRATE TYPE CATCH BASIN WITH SAFETY GRATE

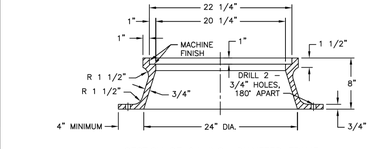
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-30.31 2 OF 2



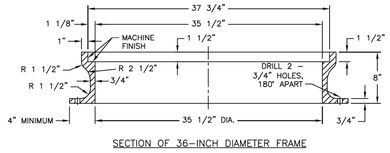
APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: OBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL
GRATE TYPE CATCH BASIN WITH SAFETY GRATE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-90.24 1 OF 1



SECTION OF 24–INCH DIAMETER FRAME



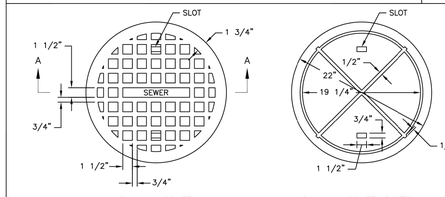
SECTION OF 36–INCH DIAMETER FRAME

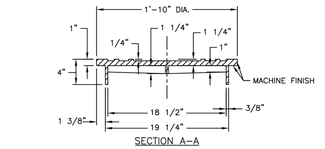
NOTE:
1. GRAY IRON CASTINGS PER ASTM A 48, CLASS 30A.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE –0" +1/16".

APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: OBG/BKJV | CHECKED BY: W.DARROW

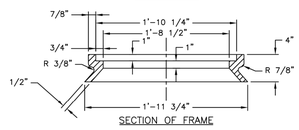
STANDARD DETAIL
DETAILS OF 24" & 36" DIAMETER CAST IRON FRAMES

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY — S-90.31 1 OF 1





SECTION A–A



SECTION OF FRAME

NOTES:
1. GRAY IRON CASTINGS PER ASTM A–48, CLASS 30A, OR 35.
2. ALL MACHINE FINISH TO BE A.S.A. SPECIFICATION, ROUGHNESS SYMBOL 250, TOLERANCE –0" +1/16".
3. THE WORD "SEWER" IN 1" LETTERS SHALL SHALL BE CAST IN THE DEPRESSION SHOWN IN THE CENTER OF TOP OF COVER AND TO BE FLUSH WITH SURFACE OF COVER.

APPROVED DATE: June 20, 2003 — DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0 | DATE: 6/20/03 | PREPARED BY: OBG/BKJV | CHECKED BY: W.DARROW

STANDARD DETAIL
DETAILS OF 24" CAST IRON COVER AND FRAME FOR BASIN TOP

DD-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 DETAILS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

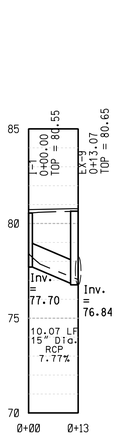
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

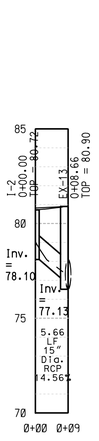
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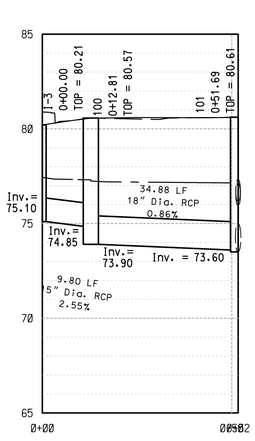
REVISIONS

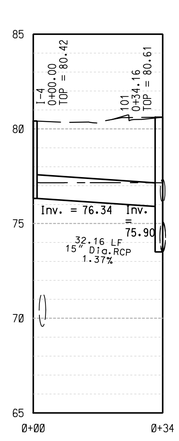
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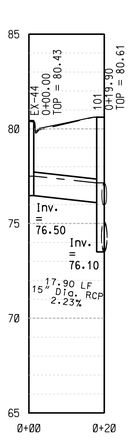
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	38	150

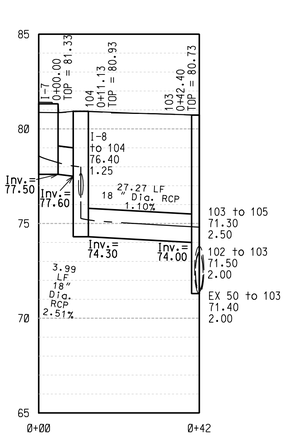


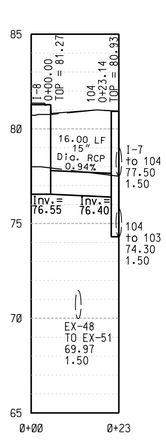


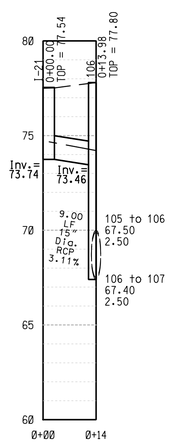


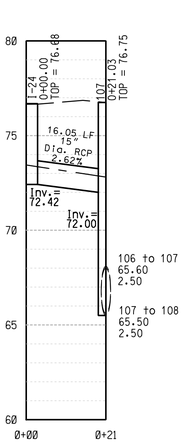


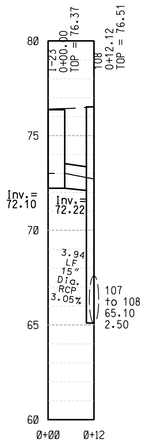


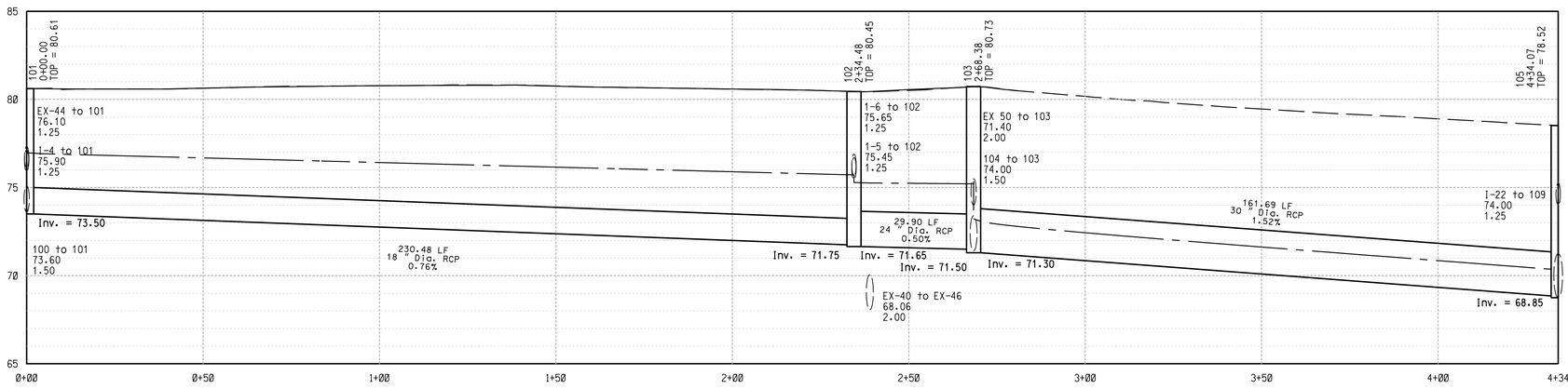


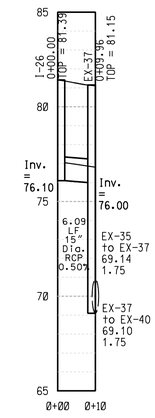


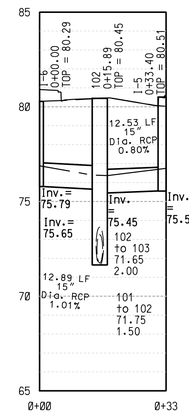


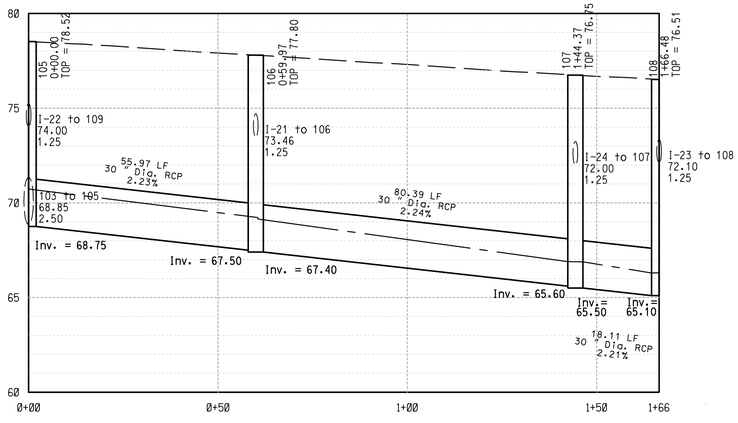


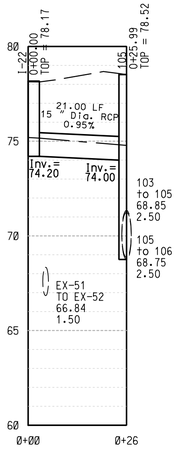


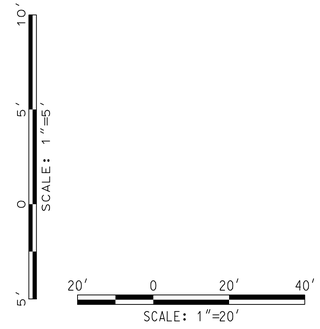












DP–01

DISTRICT DEPARTMENT OF TRANSPORTATION
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 OF

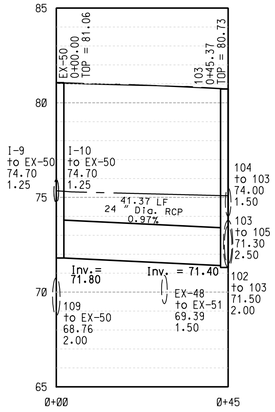
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

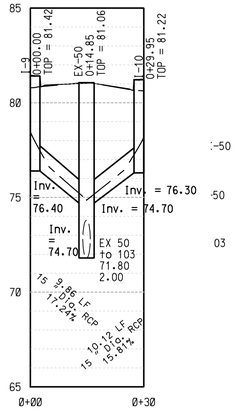
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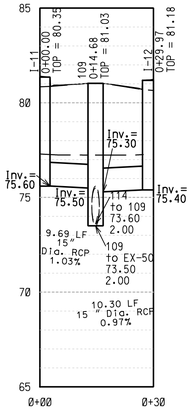
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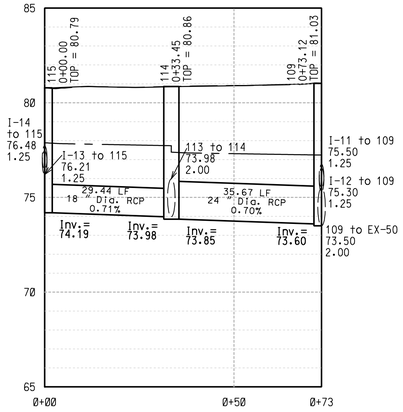
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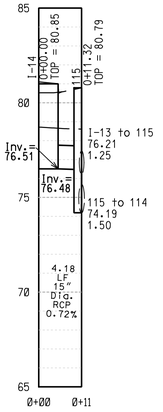
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	39	150

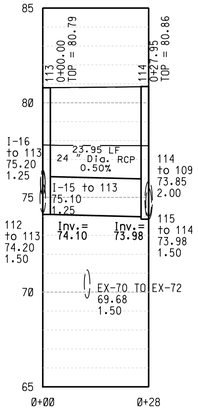


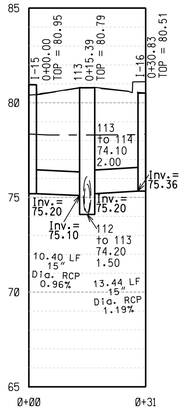


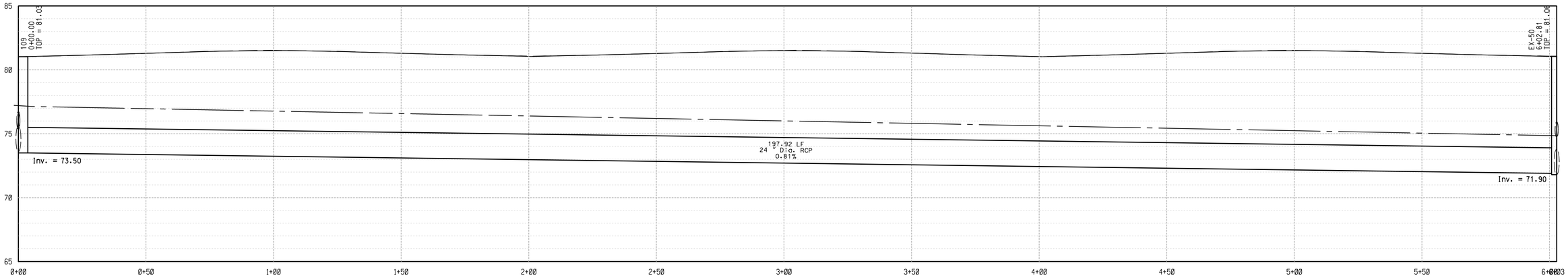


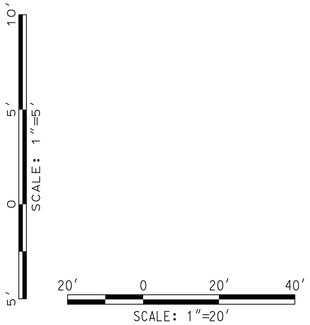












DP-02

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

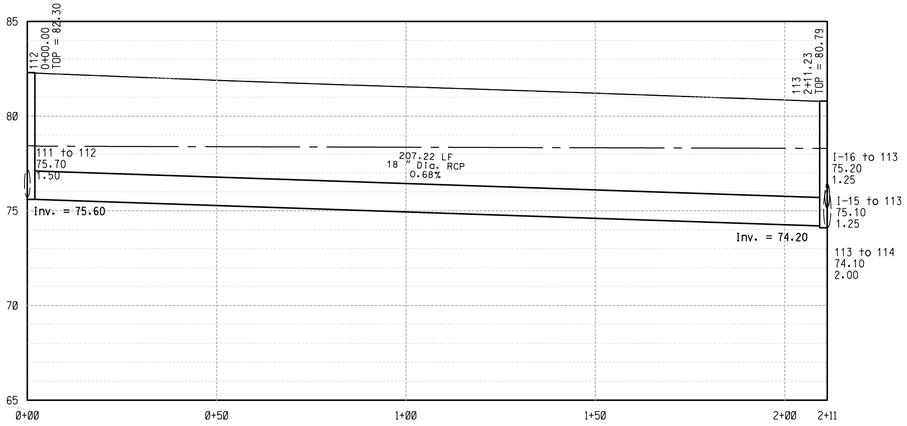
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

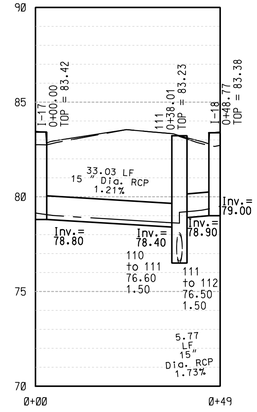
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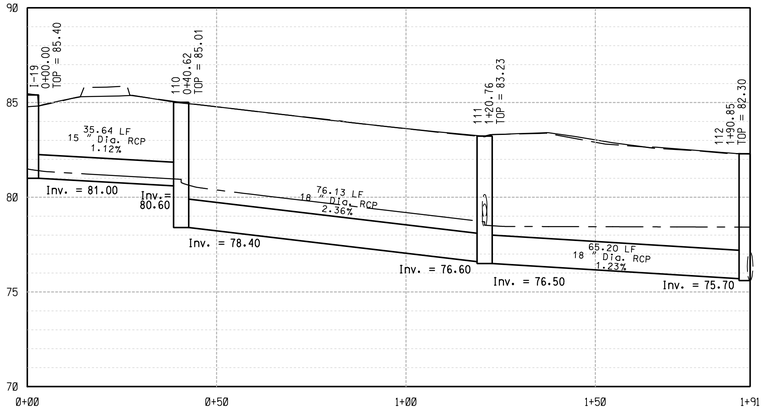
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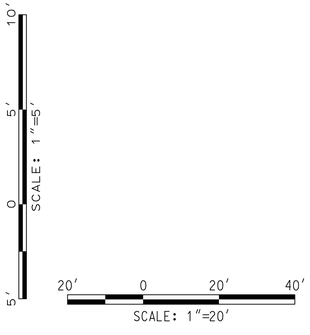
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Wednesday, April 14, 2021 AT 03:20 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	40	150









DP-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.

DRAINAGE PROFILES

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:20 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	41	150

N

LOT 805
LOT 55
LOT 803
LOT 802
R.O.W.

N 454400
E 1305900
SQUARE 0417
LOT 39 LOT 38 LOT 37 LOT 36 LOT 35 LOT 34

POT Sta. 100+00.00

Alley

INBOUND TRACK CENTERLINE
OUTBOUND TRACK CENTERLINE
7TH ST NW
N 0° 01' 39" E 73
N 0° 01' 39" E 72
N 0° 01' 39" E 71
59+00
58+00
56+00

SQUARE 0417
LOT 53

WMATA P.S.E.
LOT 858
WMATA P.S.E.
WMATA P.U.E.
LOT 859
WMATA R.O.W.

SQUARE 0441
LOT 99
LOT 99
LOT 99
R.O.W.

N 454400
E 1306200

ALLEY
WILTBERGER ST NW

SQUARE 0441
LOT 101

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

LID1 LID2 LID3 LID4 LID24 LID25

EX-6 I-1 I-2 I-3 I-4 EX-44

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

S 89° 54' 35" E

S ST NW

S ST NW POT STA. 102+12.02 =
7TH ST NW POT STA. 71+59.25

N 454200
E 1306200

SQUARE 0419
LOT 34
LOT 824
SQUARE 0419
LOT 32
LOT 36
LOT 92

SQUARE 0442
LOT 114
LOT 110
LOT 105
LOT 810
LOT 88

MATCHLINE – STA. 105 + 50
SEE SHEET SW-02

SW–01

LEGEND

- EXISTING TREE RETAINED
- PROPOSED TREE
- MULCH
- BIORETENTION CELL
- TURFGRASS
- SOIL BORING LOCATION
- UNDERDRAIN (PERFORATED PIPE)
- UNDERDRAIN (CONNECT PIPE)
- CLEAN OUT /OBSERVATION WELL
- DRAINAGE AREA BOUNDARY

20′ 0 20′ 40′
SCALE: 1"=20′

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Wednesday, April 14, 2021 AT 03:25 PM $PLTDRVS$

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.

STORMWATER MANAGEMENT PLAN

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

DIVISION CHIEF
DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	42	150

N

MATCHLINE – STA. 105+50
SEE SHEET SW–01

MATCHLINE – STA. 111+50
SEE SHEET SW–03

MATCHLINE – STATION 62+75
SEE SHEET SW–04

S ST NW POT STA. 107+86.28 =
6TH ST NW POT STA. 63+78.18

S ST NW POT STA. 110+63.01 =
5TH ST NW POT STA. 51+68.95

6TH ST NW

5TH ST NW

S ST NW

S 89° 54′ 35″ E

N 0° 03′ 34″ E 265

N 0° 02′ 24″ E 53

N 0° 02′ 24″ E 263

N 454400

E 1306550

N 454200

E 1306850

SQUARE 0441

SQUARE 0442

SQUARE 0475

SQUARE 0475-S

SQUARE 0475-E

SQUARE 0508-N

LOT 108 SQUARE 0442

LOT 83 SQUARE 0442

LOT 122

LOT 830

LOT 831

LOT 832

LOT 50

LOT 833

LOT 834

LOT 800

LOT 804

LOT 3

LOT 2

LOT 801

LOT 80

LOT 81

LOT 818

LOT 54

LOT 821

LOT 820

LOT 31

LOT 30

LOT 29

LOT 58

LOT 828

LOT 827

LOT 50

LOT 26

LOT 27

LOT 25

LOT 814

LOT 815

LOT 824

LOT 816

LOT 817

LOT 41

LOT 825

LOT 48

LOT 47

LOT 46

LOT 16

LOT 17

LOT 18

LOT 24

LOT 23

LOT 22

LOT 21

LOT 20

LOT 806

LOT 13

LOT 15

R.O.W.

SAN

G(QLB)

E(QLB)

W(QLB)

8"W(QLB)

CATV(QLB)

T(QLB)

106

107

108

109

110

111

I–5

I–6

I–7

I–8

I–9

I–10

I–11

I–12

I–14

I–15

I–16

LID9

LID10

LID11

LID12

LID14

LID15

LID16

LID17

LID18

LID19

LID20

LID21

20′ 0 20′ 40′

SCALE: 1″=20′

LEGEND

- EXISTING TREE RETAINED
- PROPOSED TREE
- MULCH
- BIORETENTION CELL
- SOIL BORING LOCATION
- UNDERDRAIN (PERFORATED PIPE)
- UNDERDRAIN (CONNECT PIPE)
- CLEAN OUT /OBSERVATION WELL
- DRAINAGE AREA BOUNDARY
- TURFGRASS

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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:25 PM
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$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	43	150

N

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

POT Sta. 43+01.46

POT Sta. 30+00.00

FLORIDA AVE NW

S 61° 23′ 03″ E +50

NEW JERSEY AVE NW

S 15° 39′ 58″ E

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 45+48.67

POT Sta. 24+78.96

N 66° 07′ 44″ E +50

RHODE ISLAND AVE NW POT STA. 24+07.43 =
FLORIDA AVE NW POT STA. 32+26.55

S ST NW POT STA. 116+03.32 =
FLORIDA AVE NW POT STA. 23+64.76

S 89° 54′ 35″ E +50

S ST NW

S 15° 39′ 58″ E

N 66° 07′ 44″ E +50

RHODE ISLAND AVE NW

RHODE ISLAND AVE NW POT STA. 21+25.29 =
NEW JERSEY AVE NW POT STA. 45+48.72

POT Sta. 20+00.00

POT Sta. 46+13.62

SQUARE 0475-E
LOT 31
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 1307000
LID22
I-20
I-17
I-18
EX-81
SQUARE 3094
LOT 48
LOT 47
LOT 46
LOT 45
SQUARE 3095
LOT 28
LOT 27
SQUARE 3095
LOT 821
N 454400
E 1307550
SQUARE 3095
LOT 77
LOT 122
LOT 124
LOT 126
LOT 128
LOT 129
LOT 130
LOT 117
LOT 113
U.S. RES
160
LID23
EX-76
SQUARE 0508-N
LOT 802
LOT 803
LOT 4
LOT 12
LOT 11
LOT 813
LOT 814
LOT 13
LOT 16
LOT 4
LOT 12
LOT 11
LOT 813
LOT 814
LOT 16
SQUARE 0507
LOT 94
LOT 87
LOT 88
LOT 86
LOT 40
LOT 41
LOT 42
LOT 43
LOT 35
N 454200
E 1307550
R.O.W.

LEGEND

- EXISTING TREE RETAINED
- PROPOSED TREE
- MULCH
- BIORETENTION CELL
- TURFGRASS
- SOIL BORING LOCATION
- UNDERDRAIN (PERFORATED PIPE)
- UNDERDRAIN (CONNECT PIPE)
- CLEAN OUT /OBSERVATION WELL
- DRAINAGE AREA BOUNDARY

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 OF

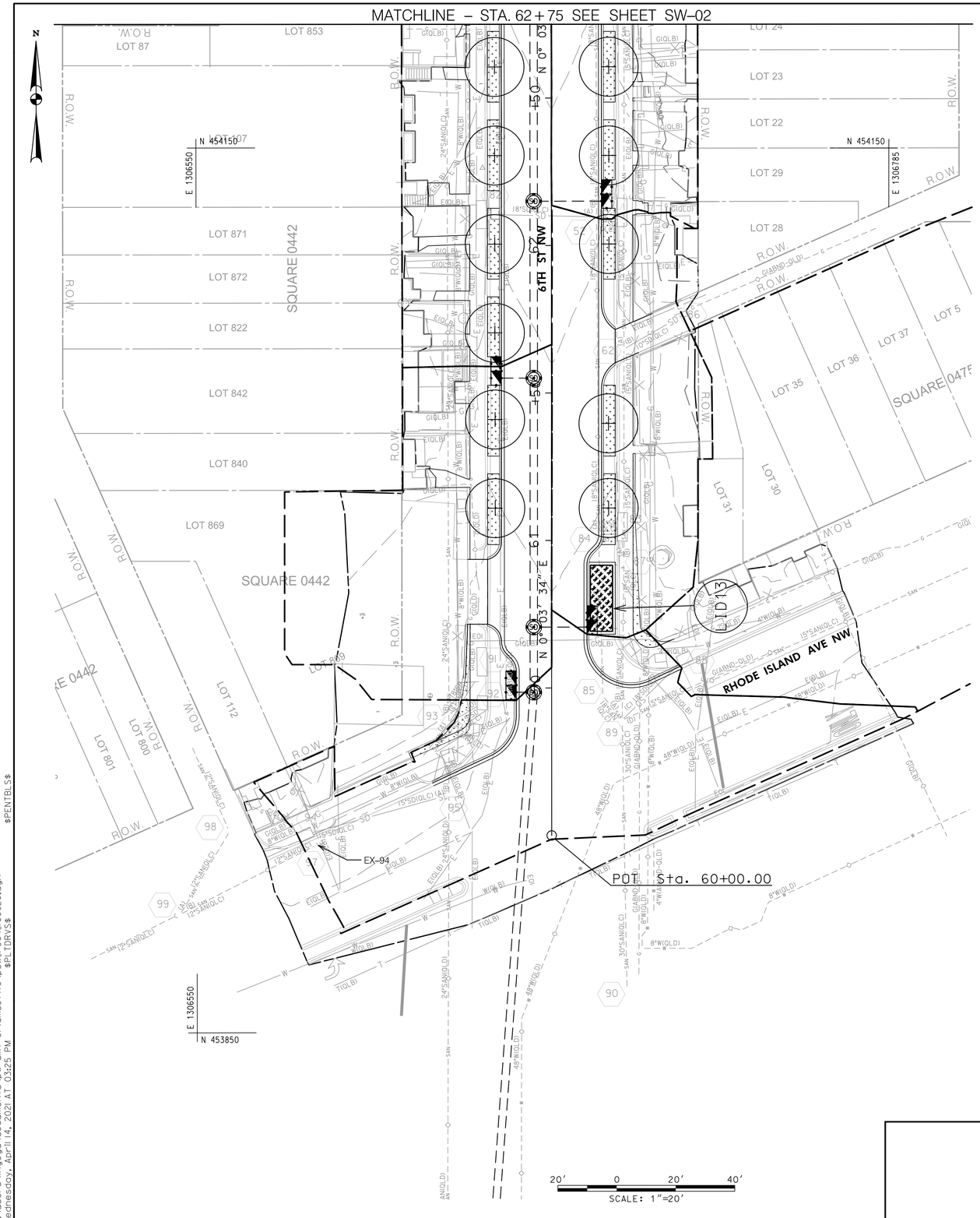
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:25 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	44	150



LEGEND

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

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 OF

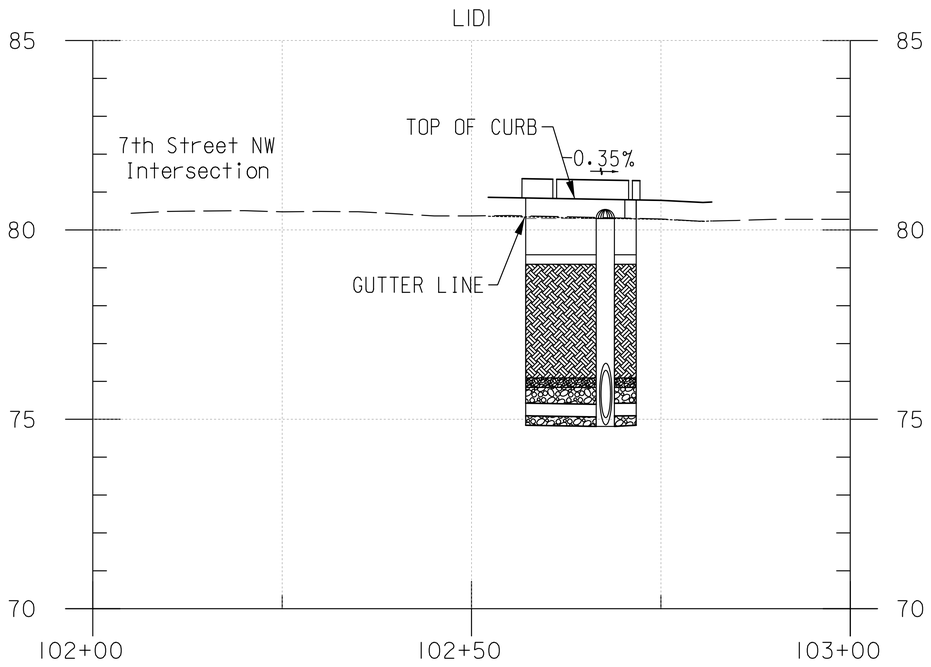
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

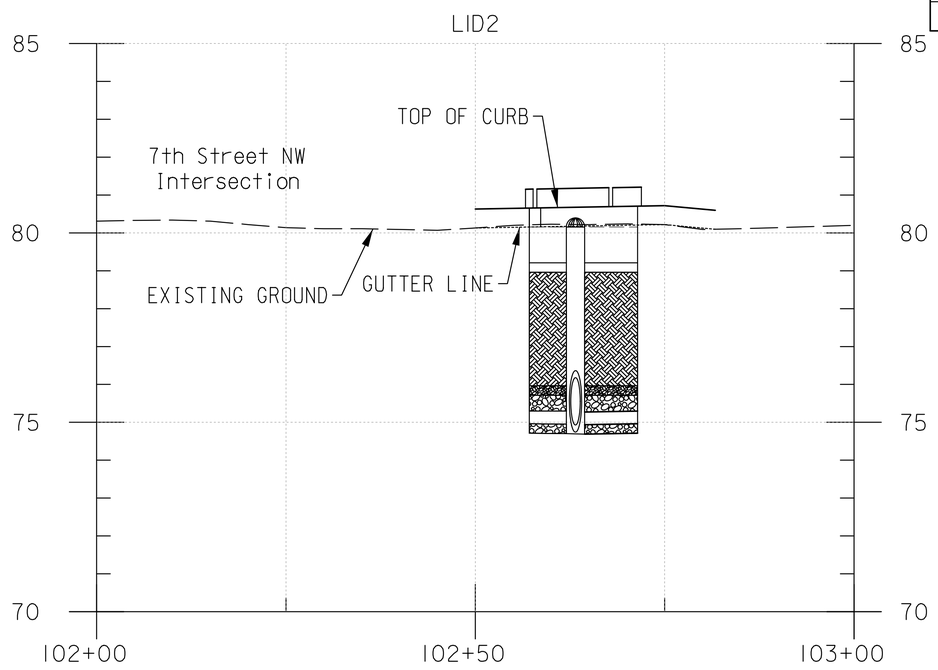
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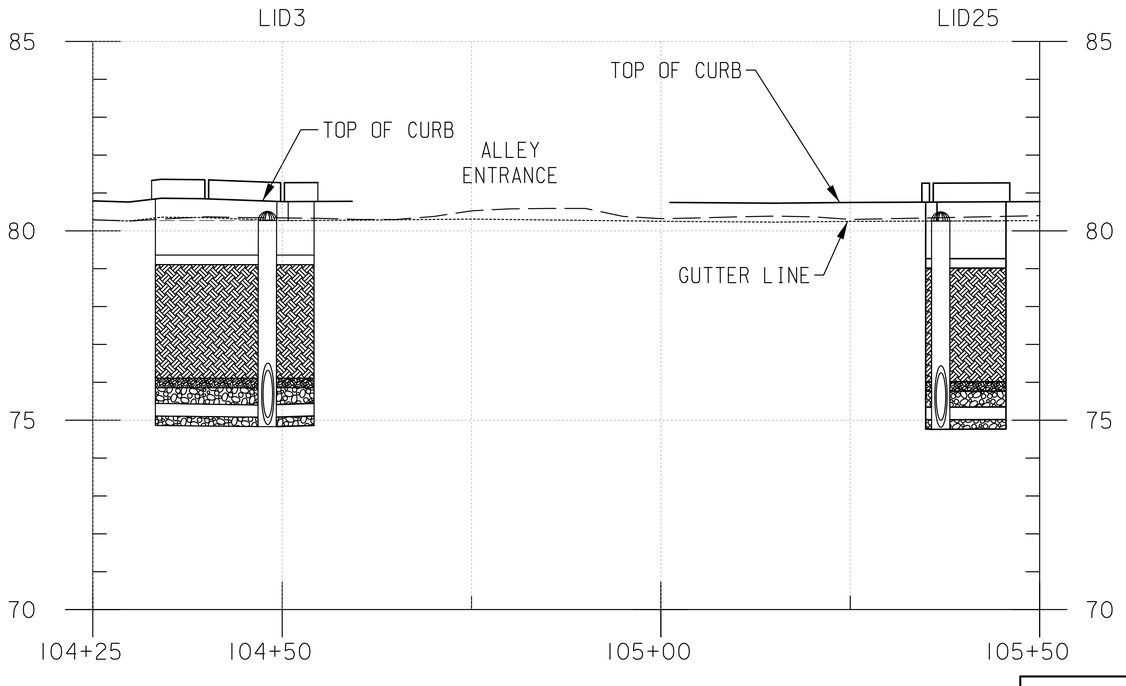
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Wednesday, April 14, 2021 AT 03:25 PM $PLTDRV$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP - 2018 (046)	~~15~~	150







4′ 0 4′ 8′
SCALE: 1" = 4'
VERTICAL SCALE

10′ 0 10′ 20′
SCALE: 1" = 10'
HORIZONTAL SCALE

DP-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.

LID PROFILES

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

DIVISION CHIEF
DATE
FILE
SHEET OF

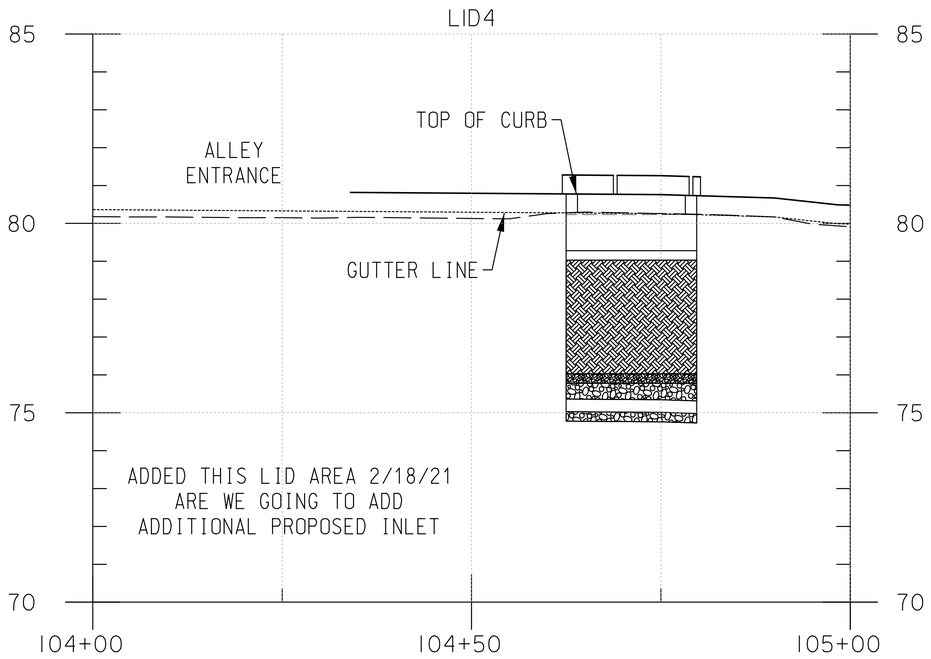
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CONSULTING ENGINEERS

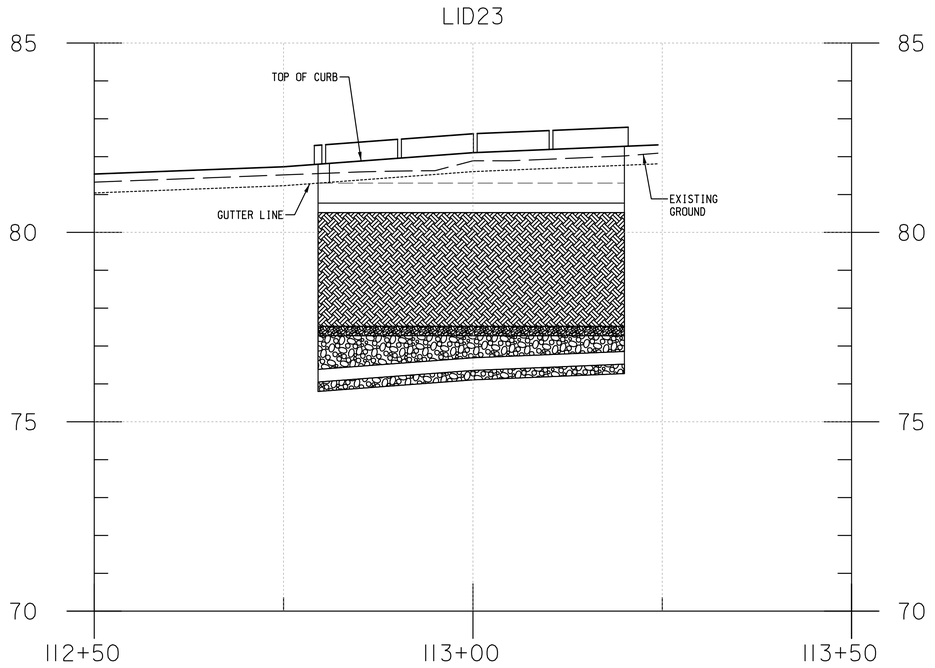
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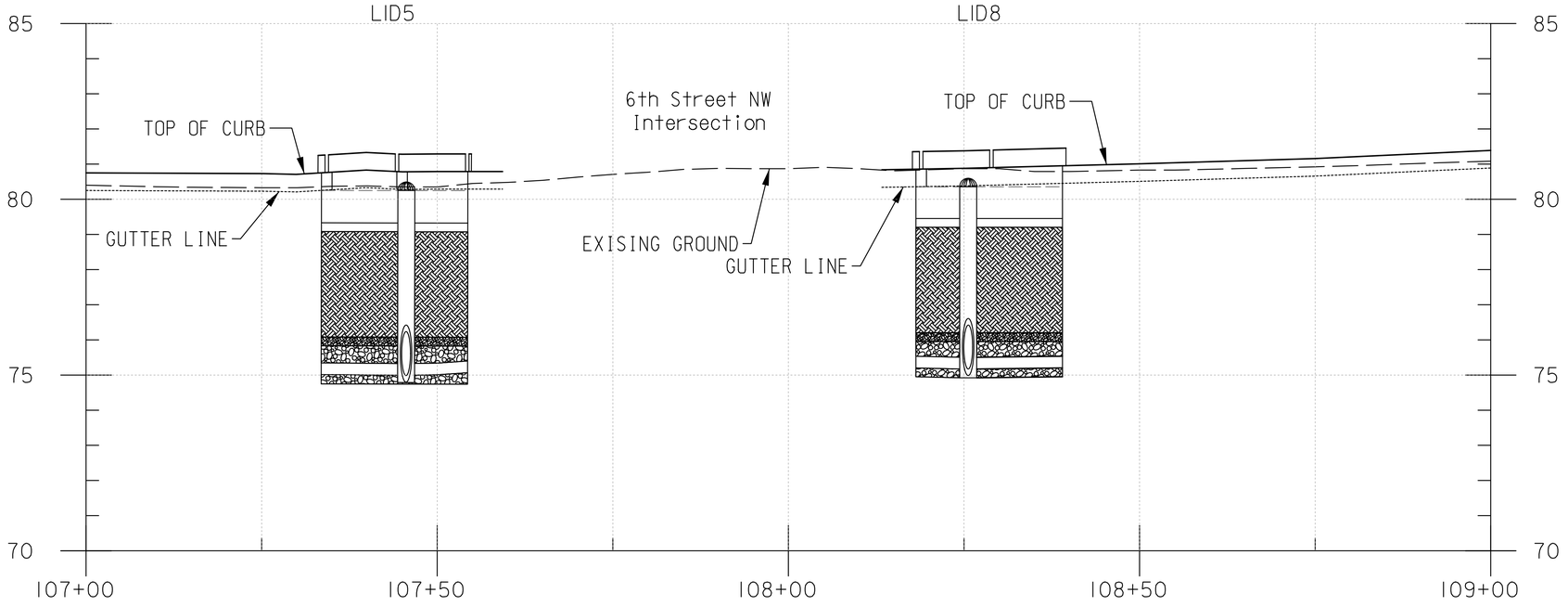
REVISIONS

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Wednesday, April 14, 2021 AT 03:20 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	~~48~~	150







4′ 0 4′ 8′
SCALE: 1" = 4' VERTICAL SCALE

10′ 0 10′ 20′
SCALE: 1" = 10' HORIZONTAL SCALE

DP-05

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

LID PROFILES

DIVISION CHIEF
DATE
FILE
SHEET OF

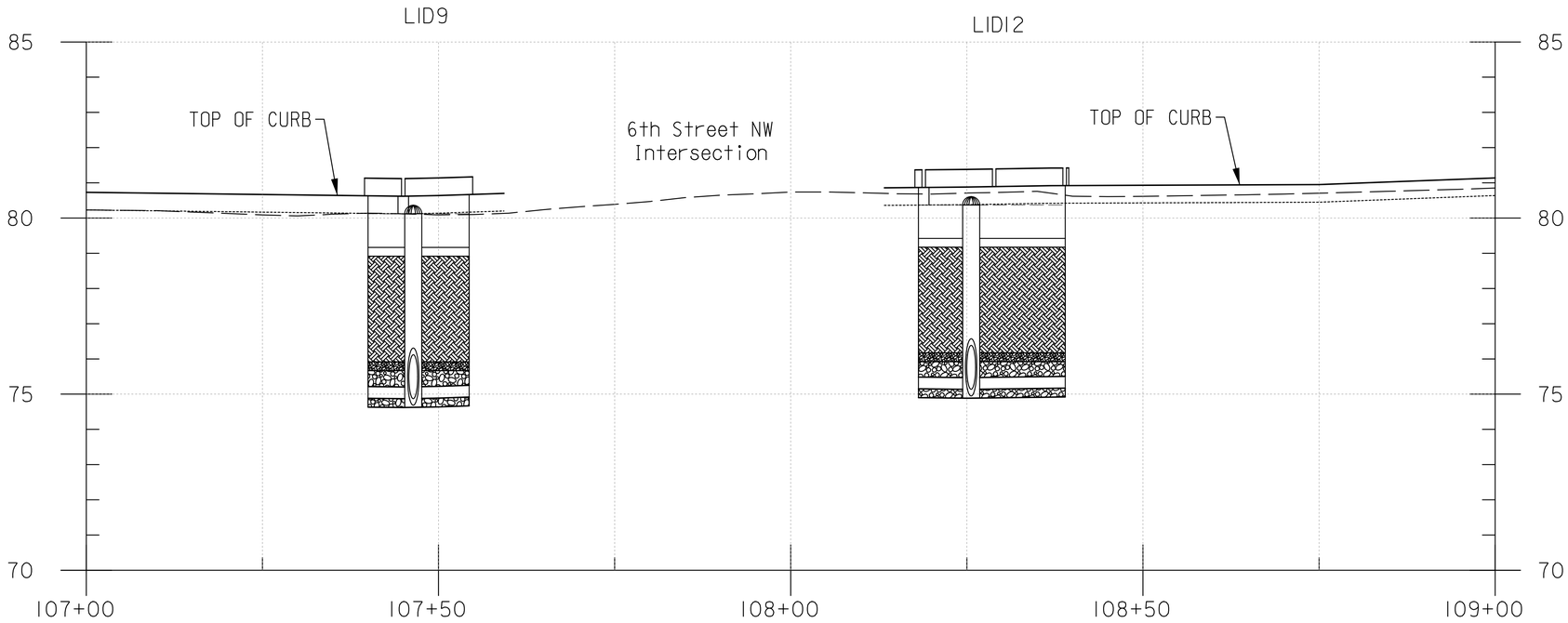
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

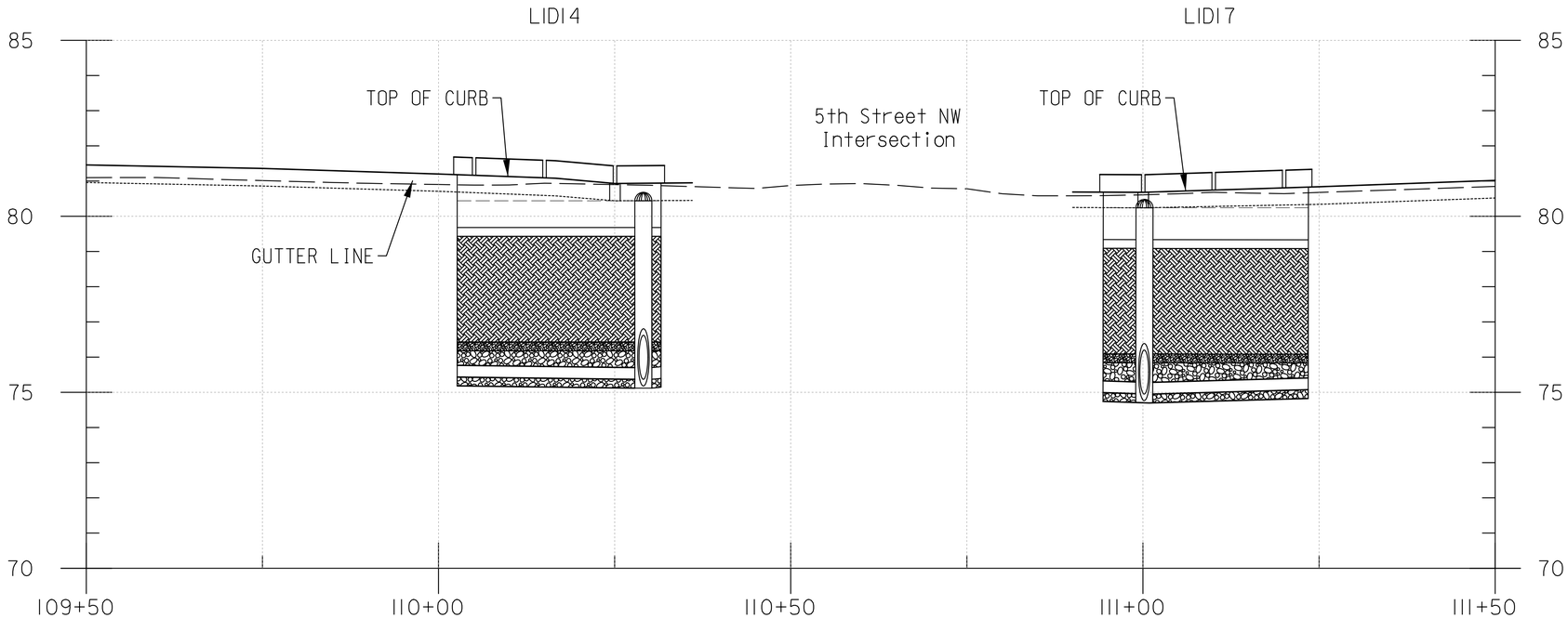
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REVISIONS

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$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP - 2018 (046)	XX	150





4' 0 4' 8'
SCALE: 1" = 4' VERTICAL SCALE

10' 0 10' 20'
SCALE: 1" = 10' HORIZONTAL SCALE

DP-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.

LID PROFILES

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

DIVISION CHIEF
DATE
FILE
SHEET OF

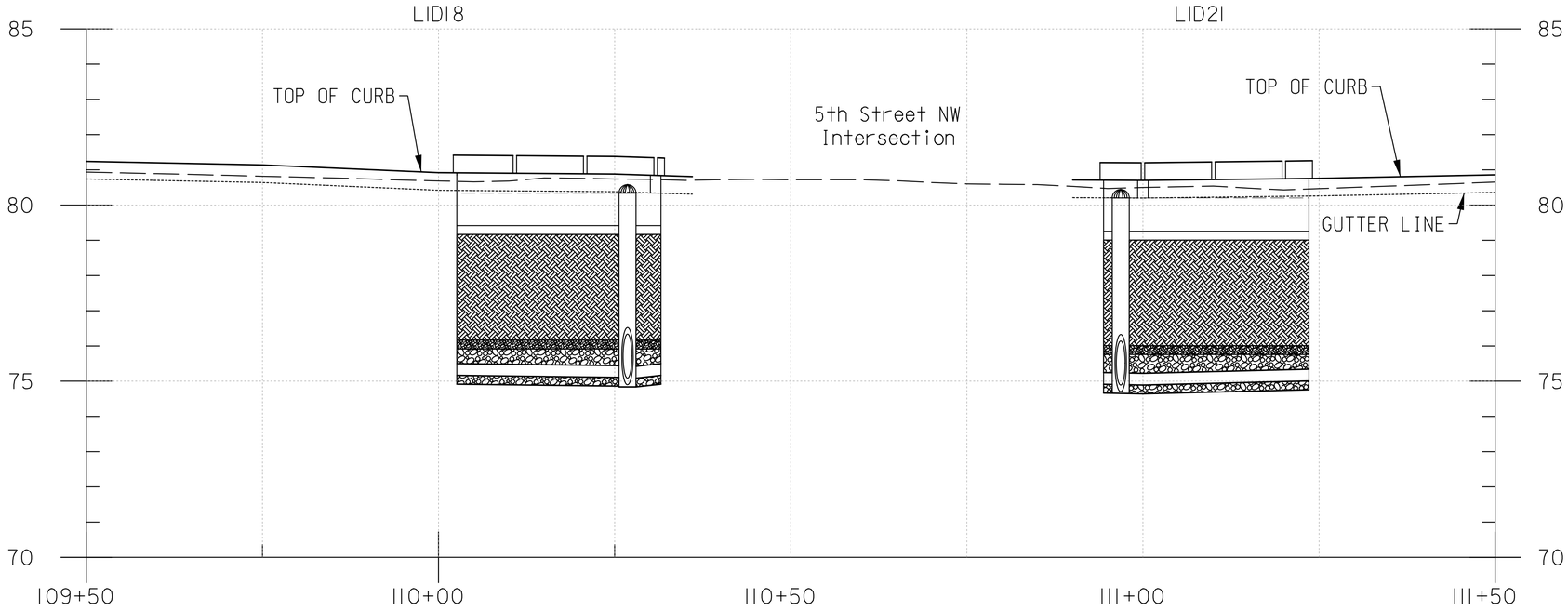
A. MORTON THOMAS AND ASSOCIATES, INC.
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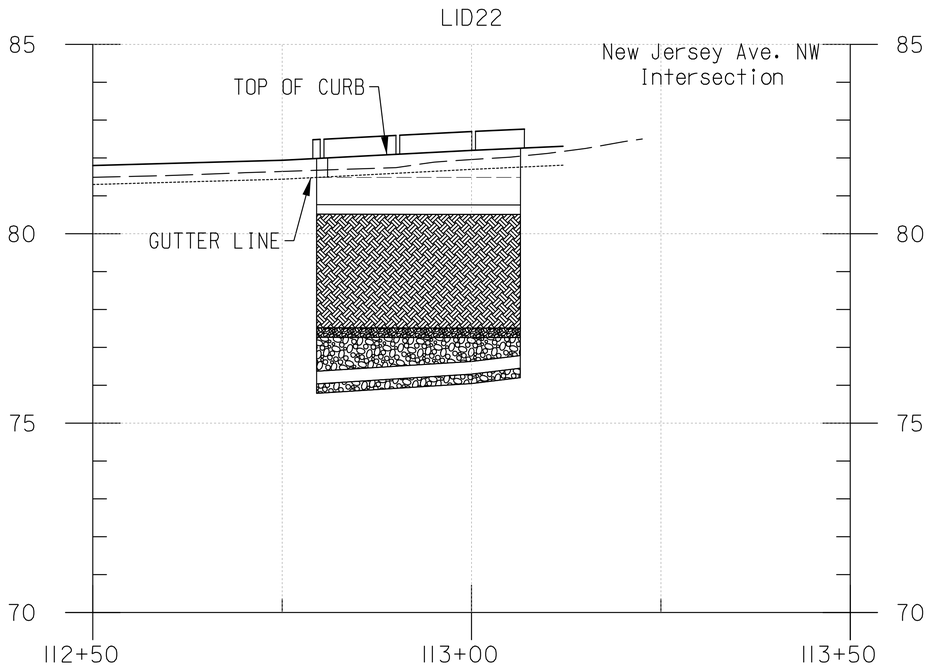
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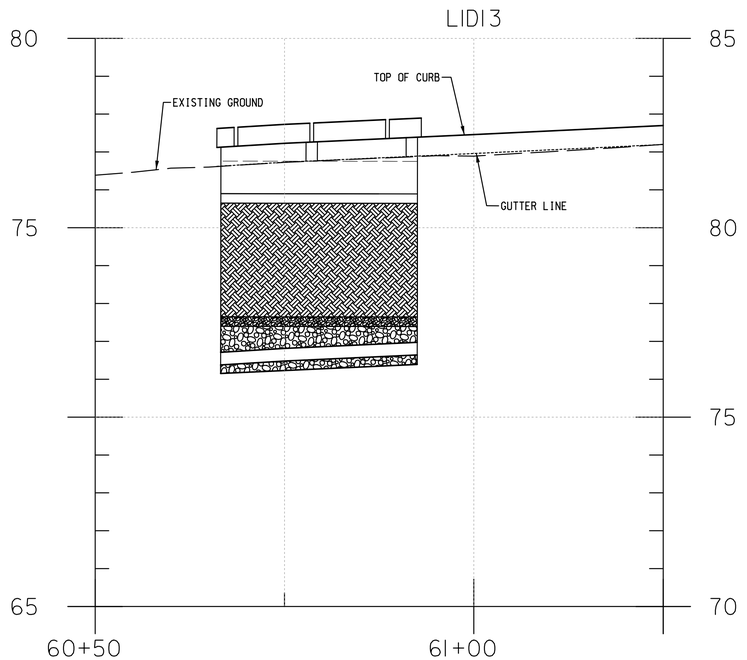
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Wednesday, April 14, 2021 AT 03:20 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP - 2018 (046)	~~XX~~	150







4' 0 4' 8'
SCALE: 1" = 4' VERTICAL SCALE

10' 0 10' 20'
SCALE: 1" = 10' HORIZONTAL SCALE

DP-07

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

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

LID PROFILES

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

DIVISION CHIEF
DATE
FILE
SHEET OF

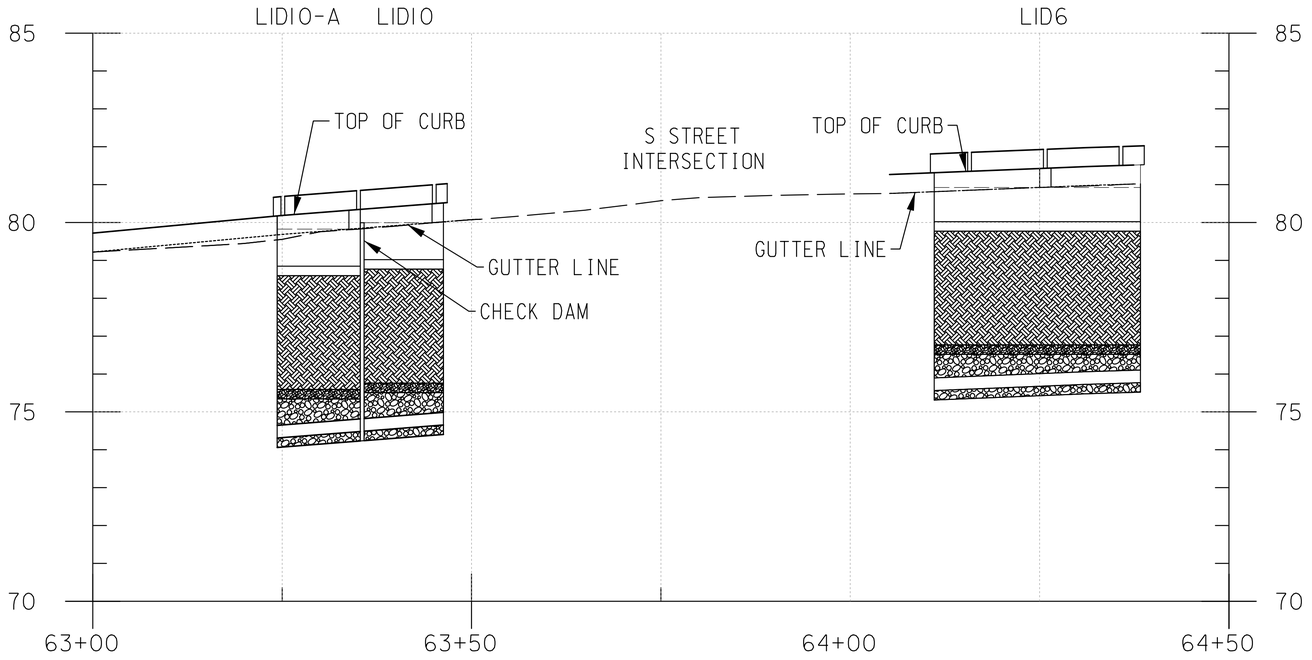
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	~~X8~~	150





4' 0 4' 8'
SCALE: 1" = 4" VERTICAL SCALE

10' 0 10' 20'
SCALE: 1" = 10' HORIZONTAL SCALE

DP-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.

LID PROFILES

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

DIVISION CHIEF
DATE
FILE
SHEET OF

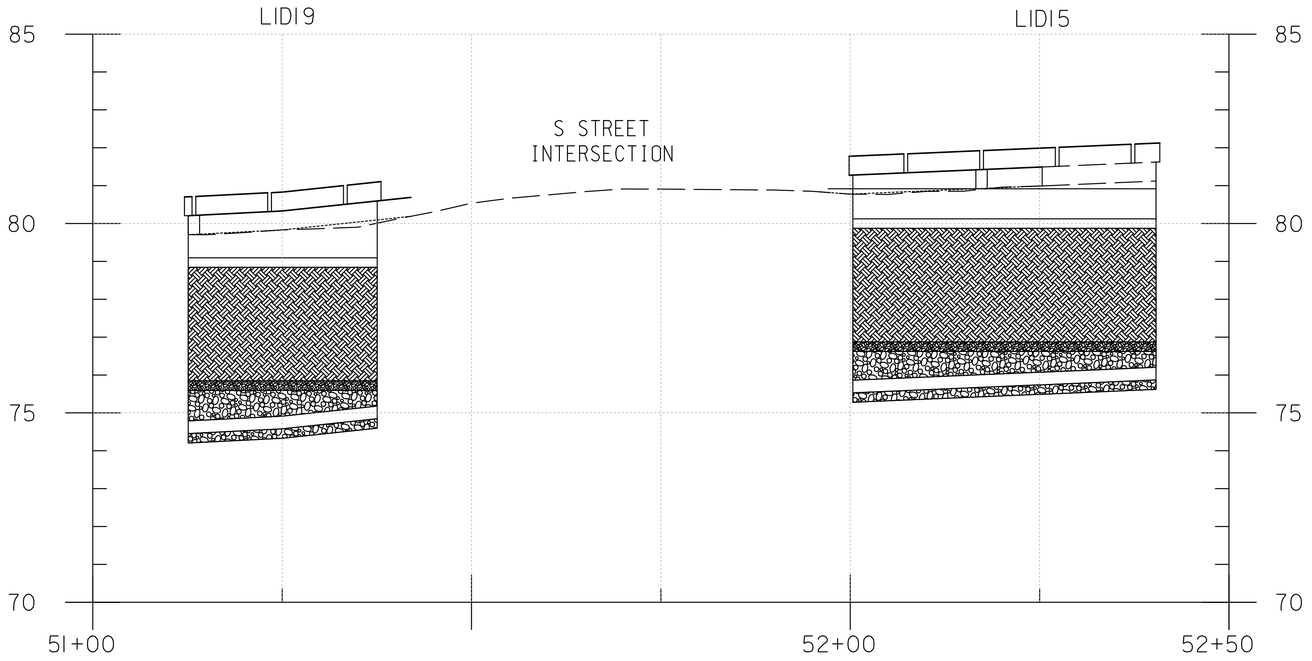
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CONSULTING ENGINEERS

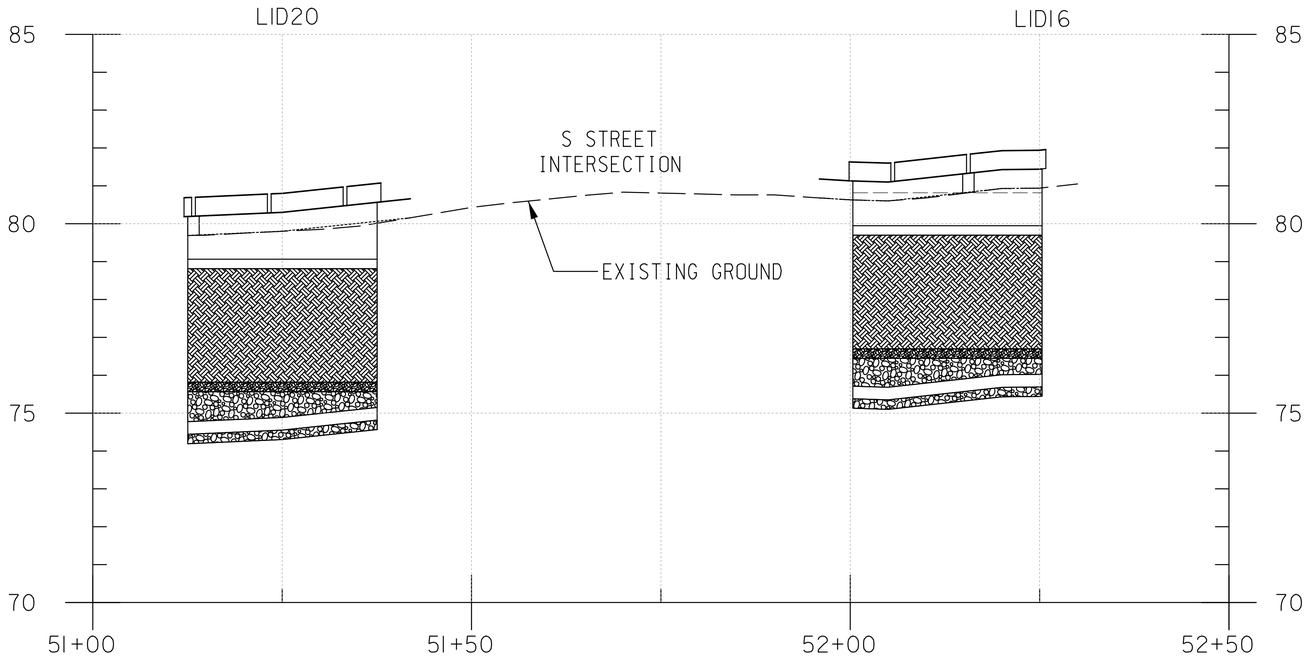
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	~~58~~	150





4′ 0 4′ 8′
SCALE: 1" = 4' VERTICAL SCALE

10′ 0 10′ 20′
SCALE: 1" = 10' HORIZONTAL SCALE

DP–09

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

LID PROFILES

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	51	150

N

R.O.W.

Alley

7th Street NW

S Street NW

Wiltberger St. NW

+50

101

102

103

104

73

72

71

TC

7 SY MULCH

9" GOOD RED MAPLE

136 SF
60 SWM

11 SY MULCH

11" GOOD LONDON PLANE TREE

4" GOOD JEFFERSON ELM

10" GOOD LONDON PLANE TREE

1,000 CF

1 PA

114 SF
51 SWM

3" GOOD
LONDON PLANE TREE

4 SY MULCH

16 SY MULCH

18 SY MULCH

4" GOOD SUGARBERRY

59 SF
26 SWM

75 SF
33 SWM

5 SY MULCH

3" FAIR HACKBERRY

2" EXCELLENT
LONDON PLANE TREE

6" GOOD LONDON PLANE TREE

MATCHLINE – STA. 105+50
SEE SHEET LD-02

LEGEND

EXISTING TREE

PROPOSED TREE

TREE PROTECTION ZONE
1" DIAM = 1.5' TPZ

STORMWATER PLANTING BED

TURFGRASS

MULCH

SOIL VOLUME AREA

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

LD-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.

LANDSCAPE PLAN

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:22 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	52	150

N

MATCHLINE - STA. 105+50
SEE SHEET LD-01

MATCHLINE - STA. 111+50
SEE SHEET LD-03

MATCHLINE - STA. 62+75 SEE SHEET LD-04

MATCHLINE - STA. 50+50
SEE SHEET LD-04

S Street NW

6th Street NW

5th Street NW

R.O.W.

SAN

CATV

6" EXCELLENT SWEETGUM
5 SY MULCH
3" GOOD LONDON PLANE TREE
4 SY MULCH
6" GOOD SWAMP WHITE OAK
11 SY MULCH
1,000 CF
1 PA
5 SY MULCH
12 SY MULCH
159 SF 70 SWM
11 SY MULCH
4" FAIR HACKBERRY
12" FAIR LONDON PLANE TREE
4" FAIR LONDON PLANE TREE
9 SY MULCH
6 SY MULCH
12 SY MULCH
5" GOOD SKYLINE HONEYLOCUST
8" FAIR LONDON PLANE TREE
10" GOOD RED MAPLE
12" FAIR LONDON PLANE TREE
11 SY MULCH
9 SY MULCH
6" GOOD CHINESE ELM
207 SF 92 SWM
218 SF 97 SWM
120 SF 53 SWM
157 SF 70 SWM
157 SF 70 SWM
178 SF 77 SWM
5 SY MULCH
1,750 CF
11 SY MULCH
2 UP
5 SY MULCH
11 SY MULCH
1,750 CF
11 SY MULCH
2 ZS
11 SY MULCH
1,750 CF
1,750 CF
11 SY MULCH
2 ZS
145 SF 64 SWM
11 SY MULCH
1,750 CF
33 SY SOD
11 SY MULCH
11 SY MULCH
268 SF 119 SWM
186 SF 83 SWM
2 ZS
172 SF 76 SWM
11 SY MULCH
177 SF 79 SWM
1 UA
173 SF 77 SWM
1 UA
2,769 CF
11 SY MULCH
136 SF 60 SWM
136 SF 60 SWM

LEGEND

- EXISTING TREE
- PROPOSED TREE
- TREE PROTECTION ZONE 1" DIAM = 1.5' TPZ
- STORMWATER PLANTING BED
- TURFGRASS
- MULCH
- SOIL VOLUME AREA

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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	53	150

N

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

23 SY SOD
37 SY SOD
11 SY SOD
12 SY MULCH
12" GOOD JAPANESE ZELKOVA
1 ZS
25 SY MULCH
1,020 CF
13 SY MULCH
12" GOOD JAPANESE ZELKOVA
13 SY MULCH
6" GOOD JAPANESE ZELKOVA
12" FAIR ELM
15" FAIR ELM
10" POOR RED MAPLE
17 SY SOD
11 SY SOD
184 SY SOD
4,515 CF
11 SY MULCH
11 SY MULCH
4,710 CF
136 SF
60 SWM
4 UA
11 SY MULCH
11 SY MULCH
2 UA
1 UA
1,000 CF
161 SF
72 SWM
11 SY MULCH
11 SY MULCH
8 SY SOD
6,000 CF
4 PA
3,000 CF
74 SY SOD
368 SY SOD
6 SY MULCH
8" GOOD ELM
2" GOOD TULIP POPLAR

New Jersey Ave. NW
Florida Ave. NW
S Street NW
Rhode Island Ave. NW
Rhode Island Ave. NW

R.O.W.

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

LEGEND

- EXISTING TREE
- PROPOSED TREE
- TREE PROTECTION ZONE 1" DIAM = 1.5' TPZ
- STORMWATER PLANTING BED
- TURFGRASS
- MULCH
- SOIL VOLUME AREA

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 OF

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

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	54	150

MATCHLINE - STA. 62+75 SEE SHEET LD-02

11 SY MULCH
11 SY MULCH
11 SY MULCH
11 SY MULCH
11 SY MULCH
11 SY MULCH
4,750 CF
6 UP
11 SY MULCH
199 SF 88 SWM
14 SY SOD
11 SY MULCH
11 SY MULCH
2,505 CF
1,750 CF
11 SY MULCH
11 SY MULCH
5' UP
12 SY SOD

6th Street NW
Rhode Island Ave NW
R.O.W.
SAN
SD
W
G
E
T
+50
62
+5
61

LEGEND

- EXISTING TREE
- PROPOSED TREE
- TREE PROTECTION ZONE 1" DIAM = 1.5' TPZ
- STORMWATER PLANTING BED
- TURFGRASS
- MULCH
- SOIL VOLUME AREA

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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	55	150

MASTER PLANTING SCHEDULE

				LD-01	LD-02	LD-03	LD-04	TOTAL
CATEGORY								
STREET TREE								
CODE	BOTANICAL NAME/ COMMON NAME	CONTAINTER/ SIZE	MATURE SPREAD					
PA	Platanus x acerifolia / London Planetree	B&B / 2.5" CAL.	50-70'	1	1	9	-	**11**
UA	Ulmus americana 'Jefferson'/ Jefferson Elm	B&B / 2.5" CAL.	40-50'	-	2	7	-	**9**
UP	Ulmus parviflora / Chinese Elm	B&B / 2.5" CAL.	35-55'	-	4	-	11	**15**
ZS	Zelkova serrata / Japanese Zelkova	B&B / 2.5" CAL.	30-50'	-	8	1	-	**9**
TURFGRASS SOD (SY)				0	33	733	26	**792**
MULCH (SY)				99	237	157	121	**614**
STORMWATER PERENNIALS (EA)				170	1224	132	88	**1614**
SOIL VOLUME AREA (CF)				1000	14269	20245	9005	**44519**

STORMWATER PERENNIALS

BOTANICAL NAME / COMMON NAME	CONT	SPACING
PLANT IN GROUPS OF 9-12	1 GAL.	18" O.C.

10% ASCLEPIAS INCARNATA / SWAMP MILKWEED
10% ECHINACEA PURPUREA / PURPLE CONEFLOWER
10% EUPATORIUM PURPUREUM 'LITTLE JOE' / DWARF JOY PYEWEED
20% JUNCUS EFFUSUS / SOFT RUSH
30% SORGHASTRUM NUTANS / INDIANGRASS
5% LIATIS SPICATA / BLAZING STAR
5% AMSONIA TABERNAEMONTANA / EASTERN BLUE STAR
10% SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM

TREE PROTECTION NOTES

1. ALL EXISTING STREET TREES TO REMAIN WITHIN A WORK ZONE UNTIL A PROJECT IS COMPLETED REQUIRE THE FOLLOWING AS TREE PROTECTION. IF FOR ANY REASON THE SCOPE OF THE PROJECT REQUIRES WORK TO BE PERFORMED WITHIN THE FENCED PROTECTION ZONE, THE PERMIT HOLDER MUST CONTACT THE DISTRICT DEPARTMENT OF TRANSPORTATION'S URBAN FORESTRY ADMINISTRATION (UFA) AT 202-671-5133 BEFORE ENTERING.
   - SIX (6) FOOT TALL CHAIN LINK FENCING ON ALL SIDES.
   - INSTALL FENCING PRIOR TO AND MAINTAIN THROUGHOUT CONSTRUCTION, REMOVING ONLY AT THE END OF THE PROJECT.
   - FENCING SHALL PROTECT AN AREA NO SMALLER THAN FOUR (4) FEET BY NINE (9) FEET, CENTERED ON THE TREE, OR ENCLOSE MULTIPLE STREET TREES WHEN IN A CONTINUOUS, OPEN TREE PLANTING SPACE AND SITE ACCESS ALLOWS.
   - FENCING SHALL HAVE VERTICAL AND HORIZONTAL SUPPORT RAILINGS TO DECREASE FLEXIBILITY AND PREVENT SAGGING.
   - FENCE POSTS SHALL BE ANCHORED IN THE GROUND TO PREVENT MOVEMENT AND PROVIDE A SECURE BARRIER.
   - A MINIMUM OF TWO (2) DDOT/UFA STANDARD TREE PRESERVATION SIGNS SHALL BE MOUNTED TO THE FENCE OF EACH ENCLOSED TREE PROTECTION AREA.
2. NO INSTALLATION OF SILT FENCE/SUPER SILT FENCE, TRENCHING, ALTERATION OR DISTURBANCE TO EXISTING GRADE; STAGING/STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, SOIL, OR DEBRIS; DISPOSAL OF ANY MATERIALS SUCH AS CONCRETE, GAS, OIL, PAINT, OR BLACKTOP IS ALLOWED WITHIN THE FENCED TREE PROTECTION ZONE.
3. EXCAVATIONS WITHIN THE DRIPLINE SHALL PROCEED WITH CARE BY USE OF HAND TOOLS. THE DRIPLINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF THE TREE.
4. NO ROOTS LARGER THAN TWO (2) INCHES IN DIAMETER ARE TO BE CUT WITHOUT UFA PERMISSION.
5. EXPOSED ROOTS TWO (2) INCHES AND LARGER IN DIAMETER SHALL BE WRAPPED IN BURLAP OR OTHER APPROVED MATERIAL AND KEPT MOIST AT ALL TIMES.
6. TREES THAT ARE PROTECTED ARE TO BE WATERED EVERY TEN (10) DAYS FROM APRIL THROUGH SEPTEMBER.
7. SECTIONS 608.07 TREE PROTECTION AND REPLACEMENT AND 608.08 TREE ROOT PROTECTION OF THE 2013 DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES WILL APPLY SHOULD ANY DAMAGE OCCUR TO THE EXISTING STREET TREES.
8. ANY FINES RELATED TO DAMAGE TO A STREET TREE ON A JOB SITE SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER.
9. FOR ANY QUESTIONS, CALL DDOT URBAN FORESTRY ADMINISTRATION AT 202-671-5133.

SOIL VOLUME NOTES

1. SOIL VOLUMES SHOWN ARE AREA TIMES 3' DEPTH.
2. WHERE AN EXISTING TREE IS TO REMAIN AND BE PROTECTED, SOIL WITHIN THE TREE PROTECTION IS TO REMAIN. OUTSIDE OF THE TREE PROTECTION ZONE AND BENEATH PAVING, STRUCTURAL SOIL IS TO BE PROVIDED PER DWG, NO, 621,7,1.
3. CONTINUOUS OPEN TREE SPACES TO RECIEVE 36" OF PLANTING SOIL.
4. SOIL VOLUME AREAS TO BE INSTALLED PER DDOT STANDARDS.

PUBLIC SPACE PLANTING NOTES

BIORETENTION PLANTING NOTES

1. BIORETENTION MATERIALS AND CONSTRUCTION SHALL MEET CURRENT APPROVED DDOT SPECIFICATIONS FOR "BIORETENTION, PLANTING, AND STRUCTURAL SOILS".

TREE PLANTING NOTES

1. TREE PLANTING SHALL COMPLY WITH THE CURRENT VERSION OF THE DISTRICT DEPARTMENT OF TRANSPORTATION STANDARDS FOR HIGHWAYS AND STRUCTURES AND STANDARD DRAWINGS NO., 611.18 AND 611.19. DECIDUOUS TREES SHALL ONLY BE PLANTED BETWEEN OCTOBER 15 AND MAY 1 AS PER THE SPRING AND FALL PLANTING SEASON DATES.
2. PEAT MOSS IS NOT ALLOWED FOR USE AS A SOIL AMENDMENT.
3. TREE STAKING SHALL BE AS PER SECTION 608.02 (2013 DDOT STANDARD SPECIFICATIONS). ONLY 2 STAKES SHALL BE INSTALLED WITH ARBOR TIES. DETAIL AND SPECIFICATION SHALL BE PROVIDED BY UFA.
4. DO NOT PLANT GRASS/SOD WITHIN 4 FT. OF THE ROOT FLARE OF A TREE. FINISH THIS AREA OFF WITH A 2-3" LAYER OF MULCH, BUT DO NOT PLACE UP AGAINST OR MOUND AROUND ROOT FLARE.
5. CONTRACTOR SHALL CONTACT JOHN O'NEIL AT JOHN.ONEIL@DC.GOV OR 202.527.5633 WHEN THE TREES ARE READY TO BE PLANTED, PROVIDING AT LEAST 48 HOURS' NOTICE.
6. CONTRACTOR SHALL WARRANT PLANTING FOR 2 YEARS PER DDOT STANDARD SPECIFICATION. WATERING SHALL BE PART OF THIS WARRANTY.
7. CALL MISS UTILITY AT 811 OR 1-800-257-7777 TO MARK UTILITIES AT LEAST 48 HOURS BEFORE DIGGING.
8. ALL MATERIALS AND PLANTING PROCEDURES EXCEPT AS OTHERWISE NOTED SHALL CONFORM TO THE LATEST EDITION OF "LANDSCAPE SPECIFICATION GUIDELINES" BY THE LANDSCAPE CONTRACTORS ASSOCIATION MD-DC-VA.
9. PLANTS SHALL CONFORM TO THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1)
10. PLANT NAMES SHALL BE THOSE GIVEN IN THE LATEST EDITION OF STANDARD PLANT NAMES, AMERICAN COMMITTEE ON HORTICULTURAL NOMENCLATURE.
11. THE CONTRACTOR SHALL SUBMIT REPRESENTATIVE SOIL SAMPLES FROM BOTH IN-SITU SOILS AND SOILS BROUGHT IN FROM OFF-SITE TO A STATE LICENSED TESTING LABORATORY, AS SPECIFIED. THE CONTRACTOR SHALL INCORPORATE OR APPLY SOIL AMENDMENTS AND FERTILIZATION BASED UPON RESULTS OF THE SOIL TESTS AND RECOMMENDATIONS BY AN INDEPENDENT LAB.
12. THE CONTRACTOR SHALL STAKE OUT ALL PLANTING BEDS AND TREE LOCATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT AND DDOT REPRESENTATIVE BEFORE DIGGING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND COORDINATE PLANTINGS WITH ALL EXISTING UTILITIES. IF DISCREPANCIES OCCUR BECAUSE OF UTILITY LOCATIONS OR OTHER EXISTING CONDITIONS THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE IMMEDIATELY TO COORDINATE ANY NECESSARY ADJUSTMENTS.
13. ALL PLANT MATERIAL SHALL BE LABELED BY THE NURSERY AND DELIVERED WITH LABELS IN PLACE FOR INSPECTION. SUBSTITUTIONS IN PLANT SPECIES OR SIZE WILL NOT BE PERMITTED EXCEPT WITH THE APPROVAL OF THE ARCHITECT OR LANDSCAPE ARCHITECT. DO NOT PRUNE UNTIL PLANT MATERIAL HAS BEEN PLANTED BUT AS SOON THEREAFTER AS IS ADVISABLE UNDER STANDARD HORTICULTURAL PRACTICES. FOR TREE PRUNING AND CARE METHODS PLEASE REFER TO ANSI A-300, LATEST EDITION.
14. IT IS OF UTMOST IMPORTANCE THAT ALL PLANT MATERIAL BE SET SLIGHTLY HIGHER IN RELATION TO GRADE THAN IT WAS GROWN IN THE NURSERY AND WITH GOOD EARTH TO ROOT CONTACT. ANY MATERIALS OR WORK MAY BE REJECTED BY THE LANDSCAPE ARCHITECT IF IT DOES NOT MEET THIS OR ANY OTHER REQUIREMENT OF THE SPECIFICATIONS. REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
15. THE CONTRACTOR SHALL MULCH AND WATER ALL PLANTS WELL ON THE DAY THEY ARE PLANTED. INDIVIDUAL PLANTINGS SHALL BE MULCHED. ACCEPTABLE MULCH SHALL BE SHREDDED HARDWOOD ONLY. MULCH MUST BE WELL AGED, UNIFORM IN COLOR, AND FREE OF FOREIGN MATERIAL INCLUDING PLANT MATERIAL. WELL AGED MULCH IS DEFINED AS MULCH THAT HAS BEEN STOCKPILED OR STORED FOR AT LEAST TWELVE (12) MONTHS.THE CONTRACTOR SHALL APPLY THE MULCH UNIFORMLY TO A 2 TO 3 INCH DEPTH. BARK SHALL BE KEPT 3 TO 4 INCHES AWAY FROM ALL TRUNKS AND WOODY STEMS.
16. PROVIDE 2' CLEAR SPACE AROUND EXISTING TREES, TO BE COVERED WITH 2-3" OF MULCH. DO NOT PLACE MULCH UP AGAINST OR MOUND AROUND ROOT FLARE.
17. IN CASE OF DISCREPANCIES BETWEEN QUANTITIES ON THE PLANT LIST AND THE PLAN, THE PLAN SHALL GOVERN.

LD-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.

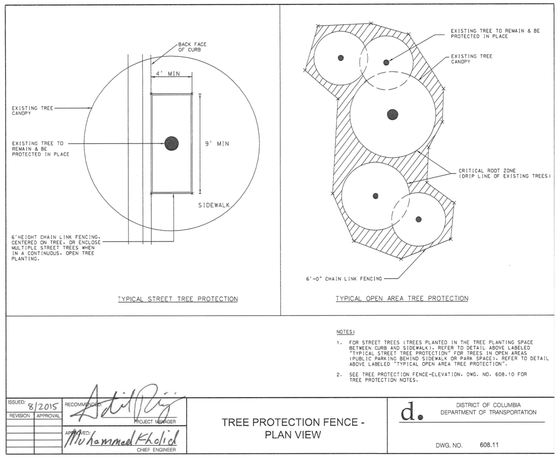
LANDSCAPE NOTES

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

DIVISION CHIEF
DATE
FILE
SHEET OF

c:\users\ingoga\documents\pw-amt-01\dms37716\pLD-N01_SSt-NW.dgn
Wednesday, April 14, 2021 AT 03:22 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	56	150



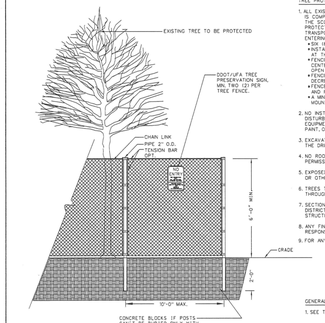
TYPICAL STREET TREE PROTECTION

TYPICAL OPEN AREA TREE PROTECTION

NOTES:

1. FOR STREET TREES (TREES PLANTED IN THE TREE PLANTING SPACE BETWEEN CURB AND SIDEWALK), REFER TO DETAIL ABOVE LABELED "TYPICAL STREET TREE PROTECTION" FOR TREES IN OPEN AREAS (PUBLIC PARKING BEHIND SIDEWALK OR PARK SPACE), REFER TO DETAIL ABOVE LABELED "TYPICAL OPEN AREA TREE PROTECTION".
2. SEE TREE PROTECTION FENCE-ELEVATION. DWG. NO. 608.10 FOR TREE PROTECTION NOTES.

ISSUED: 8/2015	RECOMMENDED: Project Manager	TREE PROTECTION FENCE - PLAN VIEW	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION: APPROVAL:	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 608.11



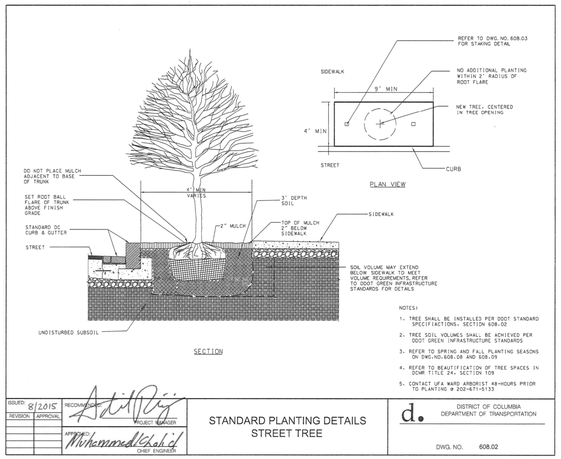
TREE PROTECTION NOTES:

1. ALL EXISTING STREET TREES, TO REMAIN WITHIN A WORK ZONE UNTIL A PROJECT IS COMPLETED, REQUIRE THE FOLLOWING AS TREE PROTECTION. IF FOR ANY REASON THE SCOPE OF THE PROJECT REQUIRES WORK TO BE PERFORMED WITHIN THE FENCED TREE PROTECTION ZONE, THE CONTRACTOR SHALL CONTACT THE DISTRICT DEPARTMENT OF TRANSPORTATION'S URBAN FORESTRY ADMINISTRATION (UFA) AT 202-671-5133 BEFORE ENTERING.
   - 6'-0" HIGH, 11½ GAUGE CHAIN LINK FENCING ON ALL SIDES.
   - THE ALL FENCING PRIOR TO AND MAINTAIN THROUGHOUT CONSTRUCTION REMOVING ONLY AT THE END OF THE PROJECT.
   - FENCING SHALL PROTECT AN AREA NO SMALLER THAN FOUR (4) FEET BY NINE (9) FEET, CENTERED ON THE TREE OR ENCLOSE MULTIPLE STREET TREES WHEN IN A CONTINUOUS OPEN TREE PLANTING. SEE DETAIL ABOVE FOR EXAMPLE.
   - FENCING SHALL HAVE VERTICAL AND HORIZONTAL SUPPORT RAILINGS TO DECREASE FLEXIBILITY AND PREVENT SAGGING.
   - FENCE POSTS SHALL BE ANCHORED IN THE GROUND TO PREVENT MOVEMENT AND PROVIDE A SECURE BARRIER.
   - ONE (1) 8.5" X 11" SIGN WITH A STANDARD TREE PRESERVATION SIGNS SHALL BE MOUNTED ON THE FENCE OF EACH ENCLOSED TREE PROTECTION AREA.
2. NO INSTALLATION OF SILT FENCE/SUPER SILT FENCE, TRENCHING, ALTERATION OR DISTURBANCE TO EXISTING GRADE/STAGING/STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, SOIL OR DEBRIS/DISPOSAL OF ANY MATERIALS SUCH AS CONCRETE, GAS, OIL, PAINT OR BLACKTOP IS ALLOWED WITHIN THE FENCED TREE PROTECTION ZONE.
3. EXCAVATIONS WITHIN THE DRIP LINE SHALL PROCEED WITH CARE BY USE OF HAND TOOLS. THE DRIPLINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF THE TREE.
4. NO ROOTS LARGER THAN TWO (2) INCHES IN DIAMETER ARE TO BE CUT WITHOUT UFA PERMISSION.
5. EXPOSED ROOTS TWO (2) INCHES AND LARGER IN DIAMETER SHALL BE WRAPPED IN BURLAP OR OTHER APPROVED MATERIAL AND KEPT MOIST AT ALL TIMES.
6. TREES THAT ARE PROTECTED ARE TO BE WATERED EVERY TEN (10) DAYS FROM APRIL THROUGH SEPTEMBER.
7. SECTION 608.07 - TREE PROTECTION AND 608.08 - TREE ROOT PROTECTION OF THE 2011 DDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURES CONSTRUCTION AND 2016 STANDARDS STRUCTURES WILL APPLY SHOULD ANY DAMAGE OCCUR TO THE EXISTING STREET TREES.
8. ANY FINES RELATED TO DAMAGE TO A STREET TREE ON A JOB SITE SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER.
9. FOR ANY QUESTIONS, CALL DDOT URBAN FORESTRY ADMINISTRATION AT 202-671-5133.

GENERAL NOTES:

1. SEE TREE PROTECTION FENCE - PLAN, DWG. NO. 608.11

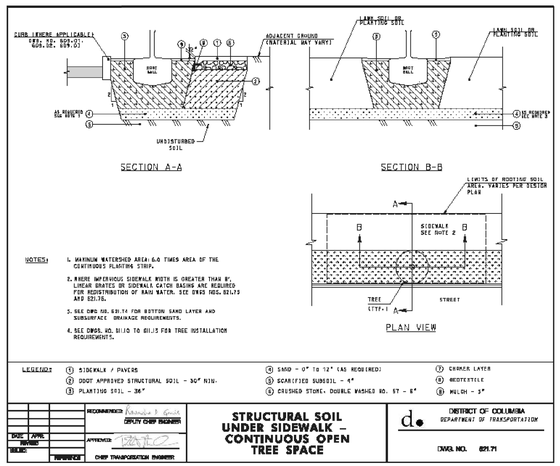
ISSUED: 8/2015	RECOMMENDED: Project Manager	TREE PROTECTION FENCE - ELEVATION	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION: APPROVAL:	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 608.10



NOTES:

1. TREE SHALL BE INSTALLED PER DDOT STANDARD SPECIFICATIONS- SECTION 608.02
2. TREE SOIL VOLUMES SHALL BE ACHIEVED PER DDOT GREEN INFRASTRUCTURE STANDARDS
3. REFER TO SPRING AND FALL PLANTING SEASONS ON DWG.NO.608.08 AND 608.09
4. REFER TO BEAUTIFICATION OF TREE SPACES IN DCMR TITLE 24, SECTION 109
5. CONTACT UFA WARD ARBORIST 48-HOURS PRIOR TO PLANTING @ 202-671-5133

ISSUED: 8/2015	RECOMMENDED: Project Manager	STANDARD PLANTING DETAILS STREET TREE	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION: APPROVAL:	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 608.02



NOTES:

1. MAXIMUM WATERSHED AREA: 6.0 TIMES AREA OF THE CONTINUOUS PLANTING STRIP.
2. WHERE IMPERVIOUS SIDEWALK WIDTH IS GREATER THAN 8', LINEAR GRATES OR SIDEWALK CATCH BASINS ARE REQUIRED FOR REDISTRIBUTION OF RAIN WATER. SEE STRD. DETS. 821.75 AND 821.76.
3. SEE DWG. NO. 608.14 FOR BOTTOM SAND LAYER AND SUBSURFACE DRAINAGE REQUIREMENTS.
4. SEE DWGS. NO. 611.10 TO 611.15 FOR TREE INSTALLATION REQUIREMENTS.

LEGEND:

1. SIDEWALK / PAVERS
2. DDOT APPROVED STRUCTURAL SOIL - 30" MIN.
3. PLANTING SOIL - 36"
4. SAND - 0" TO 12" (AS REQUIRED)
5. SCARIFIED SUBSOIL - 6"
6. CRUSHED STONE- DOUBLE WASHED NO. 57 - 6"
7. GERMAN LAYER
8. GEOTEXTILE
9. MULCH - 3"

DATE / APPR. REVISED	RECOMMENDED: Project Manager / CHIEF CHIEF ENGINEER	STRUCTURAL SOIL UNDER SIDEWALK – CONTINUOUS OPEN TREE SPACE	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
	APPROVED: CHIEF TRANSPORTATION ENGINEER		DWG. NO. 609.71

LD–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.

LANDSCAPE DETAILS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

NO	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:22 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	57	150

N

N 454450
E 1306000
N 454150
E 1306350
E 1306000

N 0° 01′ 39″ E 73
N 0° 01′ 39″ E 71
S 89° 54′ 35″ E

7TH ST NW
S ST NW
WILTBERGER ST NW

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

MATCHLINE – STATION 105+50
SEE SHEET PM–02

PM–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 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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:23 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	58	150

MATCHLINE – STATION 105+50
SEE SHEET PM-01

MATCHLINE – STATION 111+50
SEE SHEET PM-03

MATCHLINE – STATION 62+75
SEE SHEET PM-04

N 454450
E 1306700
E 1306950
N 454150

N 0° 03′ 34″ E
N 0° 02′ 24″ E
S 89° 54′ 35″ E

6TH ST NW
5TH ST NW
S ST NW

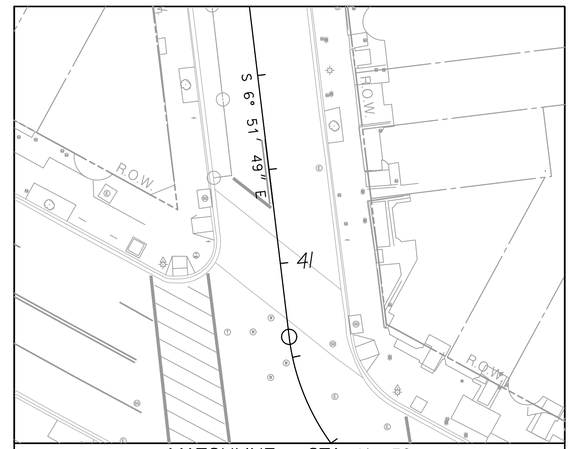
106 107 108 109 110 111
63 64 65 51 52 53
+50

TWO HOUR PARKING LIMIT IN ZONE 1 & 2 7AM-MIDNIGHT MONDAY-SUNDAY
ZONE 1&2 PERMIT HOLDERS EXCEPTED
NO PARKING THURSDAY 9:30 AM TO 11:30 AM STREET SWEEPING
SPEED LIMIT 25
ZONE 1 & 2 RESIDENT PERMIT PARKING ONLY 7AM-MIDNIGHT MONDAY-SUNDAY
NO PARKING THURSDAY 9:30 AM TO 11:30 AM MARCH 1 THRU OCTOBER 31 NIGHT HOLIDAYS STREET SWEEPING
NO PARKING WEDNESDAY
ZONE 2 & 5 RESIDENT PERMIT PARKING ONLY 7AM-MIDNIGHT MONDAY-SUNDAY
ZONE 2&5 PERMIT HOLDERS EXCEPTED
NO PARKING WEDNESDAY 9:30 AM TO 11:30 AM STREET SWEEPING
TWO HOUR PARKING LIMIT IN ZONE 2&5 7AM-MIDNIGHT MONDAY-SUNDAY
NO PARKING THURSDAY
ZONE 1 & 2 RESIDENT PERMIT PARKING ONLY 7AM-MIDNIGHT MONDAY-SUNDAY
NO PARKING 7AM-MIDNIGHT
NO PARKING 7AM-MIDNIGHT MONDAY-SUNDAY

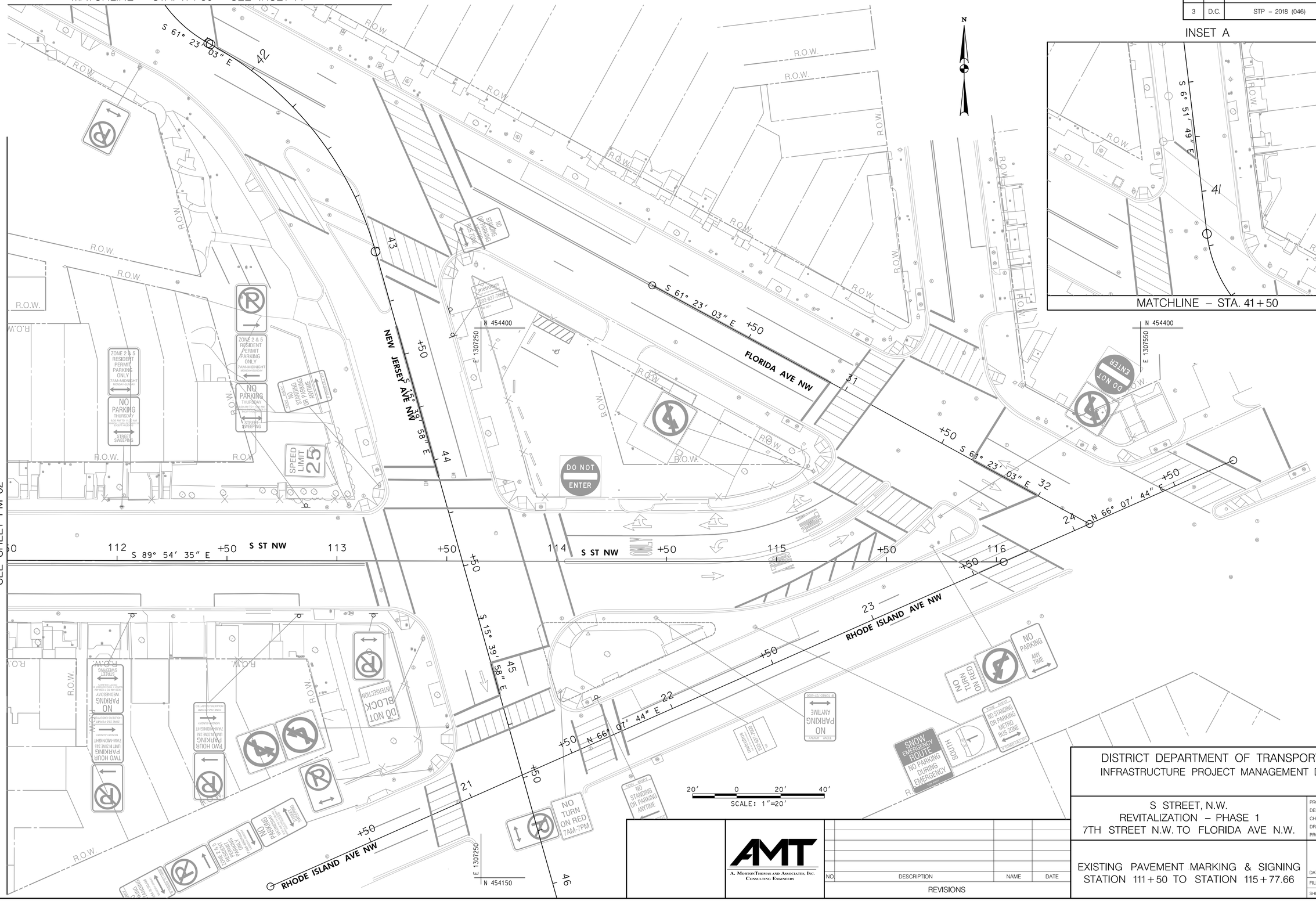
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	59	150

MATCHLINE – STA. 41+50 – SEE INSET A

INSET A



MATCHLINE – STATION 111+50
SEE SHEET PM-02



MATCHLINE – STA. 111+50 – SEE INSET A

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.

EXISTING PAVEMENT MARKING & SIGNING
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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

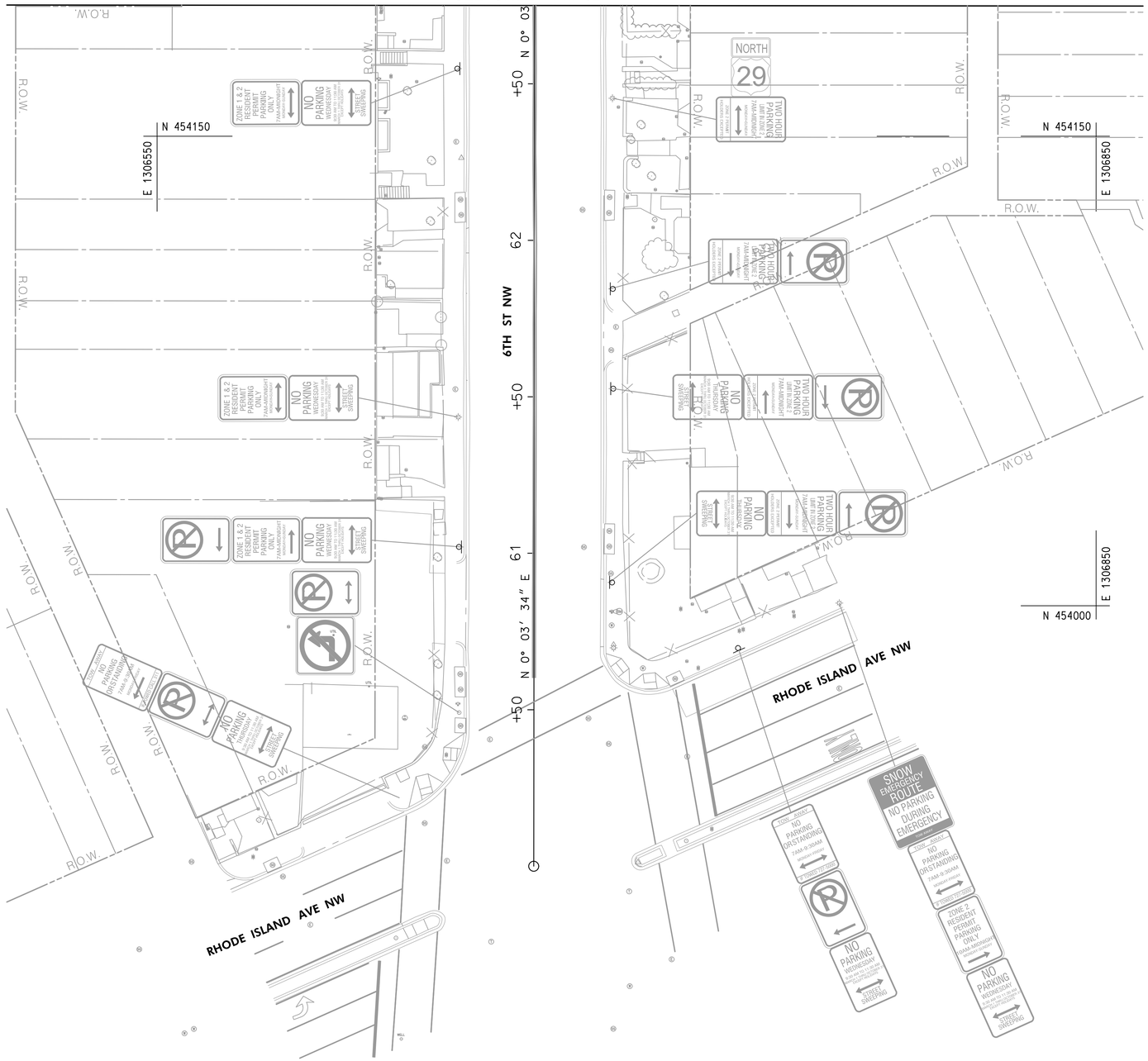
NO.	DESCRIPTION	NAME	DATE

REVISIONS

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	60	150

MATCHLINE – STATION 62+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 OF

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

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

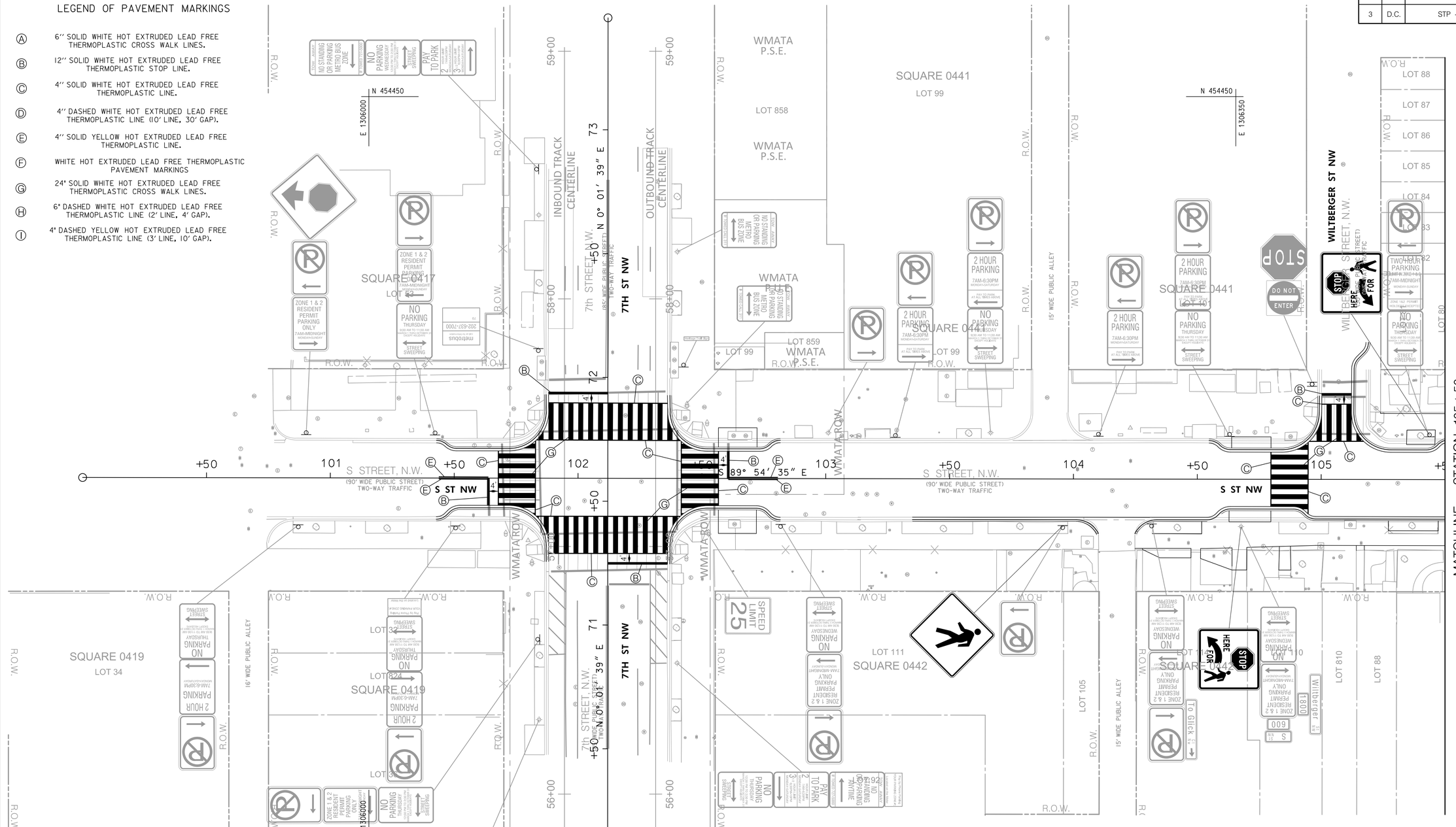
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$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	61	150

LEGEND OF PAVEMENT MARKINGS

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

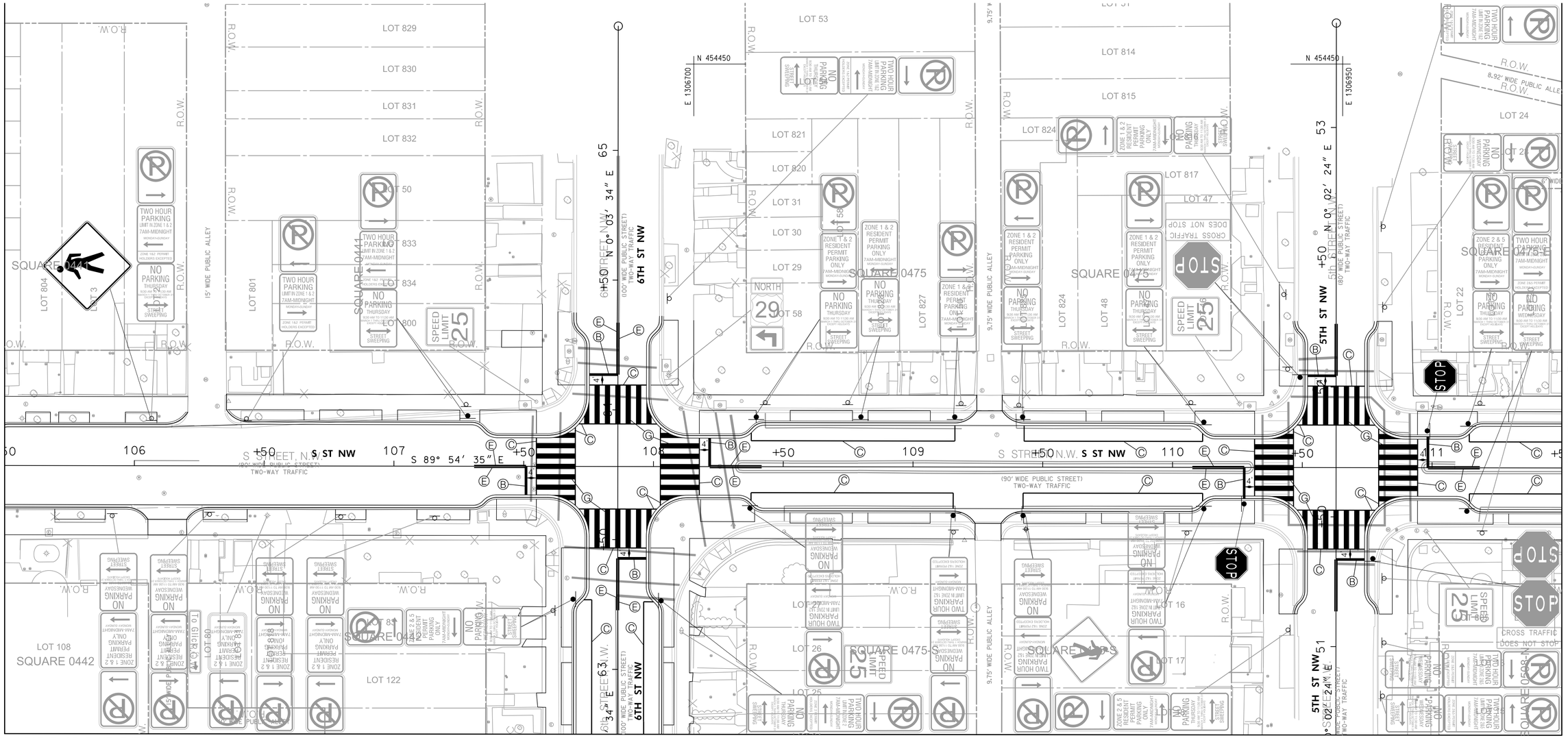
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:23 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	62	150



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 OF

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

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:23 PM
$PENTBL.S$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	63	150

MATCHLINE – STA. 41+50 – SEE INSET A

MATCHLINE – STATION 111+50
SEE SHEET PM-06

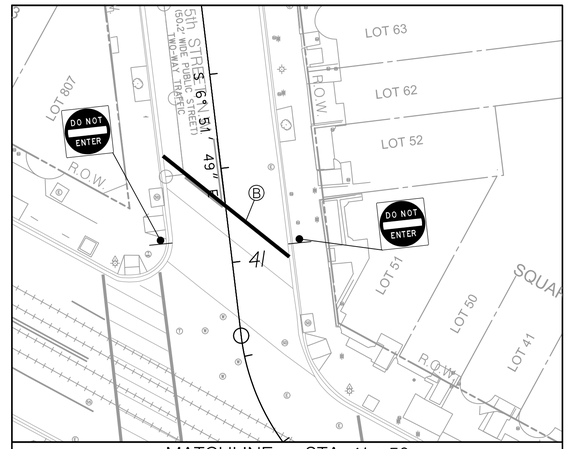
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$FILE$
$DATE$

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

INSET A



MATCHLINE – STA. 41+50

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', 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).
- Ⓙ 4" DASHED WHITE HOT EXTRUDED LEAD FREE THERMOPLASTIC LINE (2' LINE, 6' GAP).

PM–07

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 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 OF

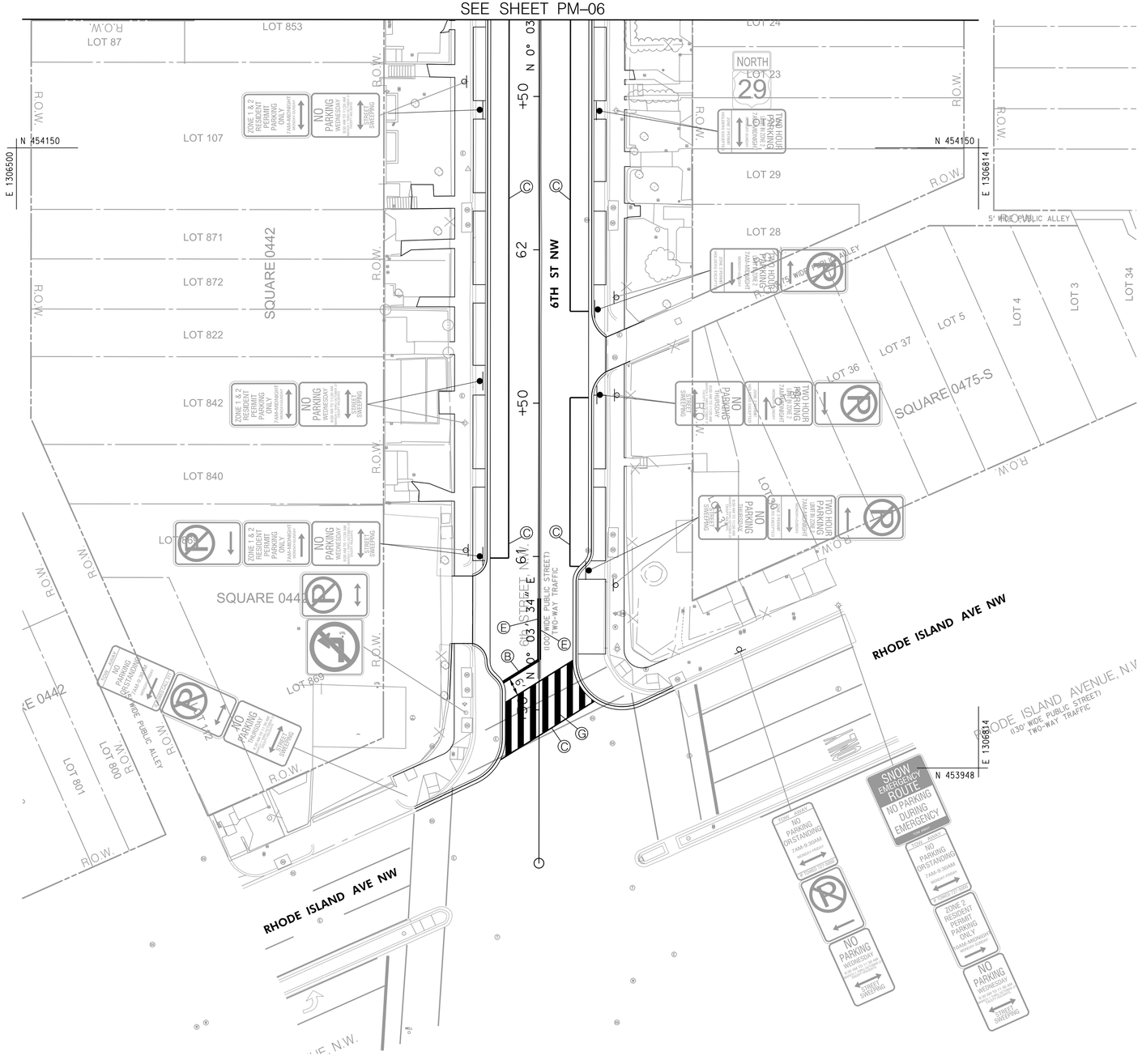
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	64	150

MATCHLINE – STATION 62+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.

PAVEMENT MARKING & SIGNING 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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:23 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	65	150

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)

NOT TO SCALE

LEGEND:

- EXISTING T-BASE METAL POLE WITH TEARDROP LIGHT 8-FOOT ARM
- PROPOSED T-BASE METAL POLE WITH TEARDROP LIGHT 8-FOOT ARM
- EXISTING #16 STREETLIGHT POLE
- PROPOSED #16 STREETLIGHT POLE
- EXISTING T-BASE METAL POLE WITH COBRAHEAD LIGHT 8-FOOT ARM
- 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

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 OF

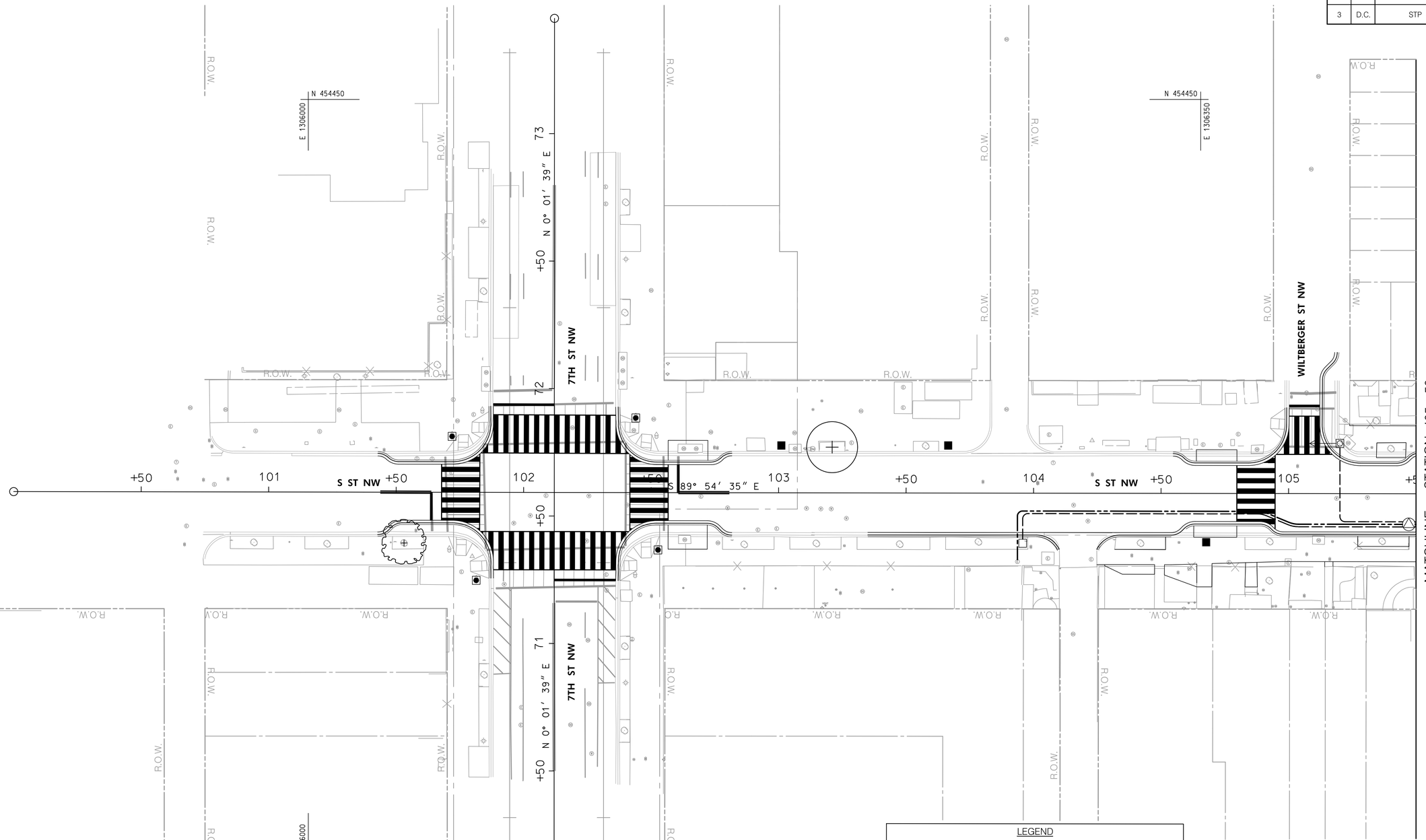
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:24 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	66	150



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

LT–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.

STREETLIGHT PLAN

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	67	150

N

MATCHLINE – STATION 105+50
SEE SHEET LT-01

MATCHLINE – STATION 111+50
SEE SHEET LT-03

MATCHLINE – STATION 62+75
SEE SHEET LT-04

R.O.W.

106 | S ST NW | +50 | 107 | S 89° 54′ 35″ E | +50 | 108 | +50 | 109 | S ST NW | +50 | 110 | +50 | 111 | +50

6TH ST NW
N 0° 03′ 34″ E
65
50
63

5TH ST NW
N 0° 02′ 24″ E
53
52
51

N 454450
E 1306700
N 454450
E 1306950

E 1306700
N 454150

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′

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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:24 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	68	150

MATCHLINE – STATION 111+50
SEE SHEET LT-02

N

R.O.W.

S 89° 54′ 35″ E

S ST NW

NEW JERSEY AVE NW

S 61° 23′ 03″ E

FLORIDA AVE NW

N 454400
E 1307250

N 454400
E 1307560

S 15° 39′ 58″ E

RHODE ISLAND AVE NW

N 66° 07′ 44″ E

N 454150
E 1307250

LT-03

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. 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

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

DIVISION CHIEF

DATE

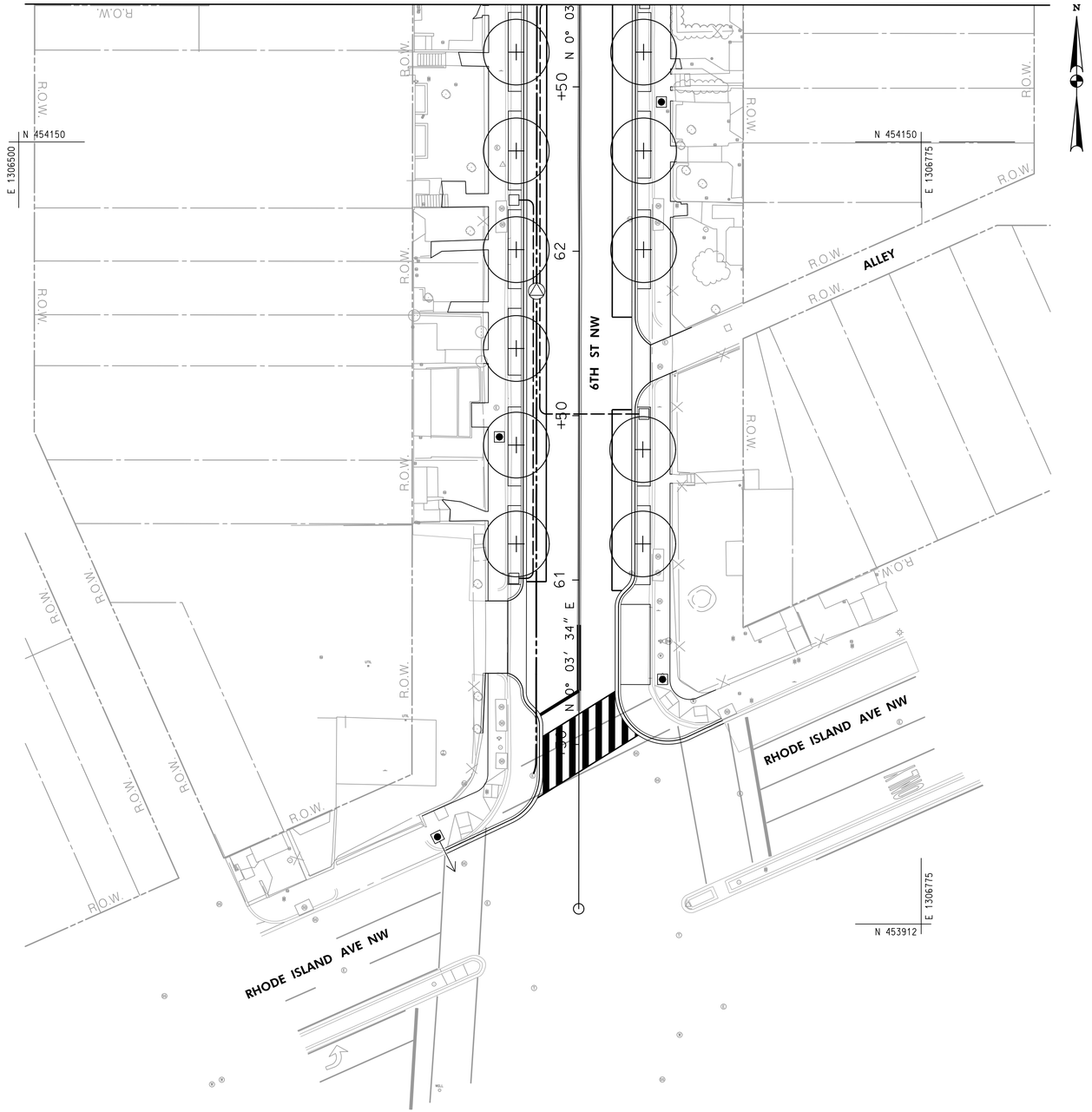
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Wednesday, April 14, 2021 AT 03:24 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	69	150

MATCHLINE – STATION 62+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 OF

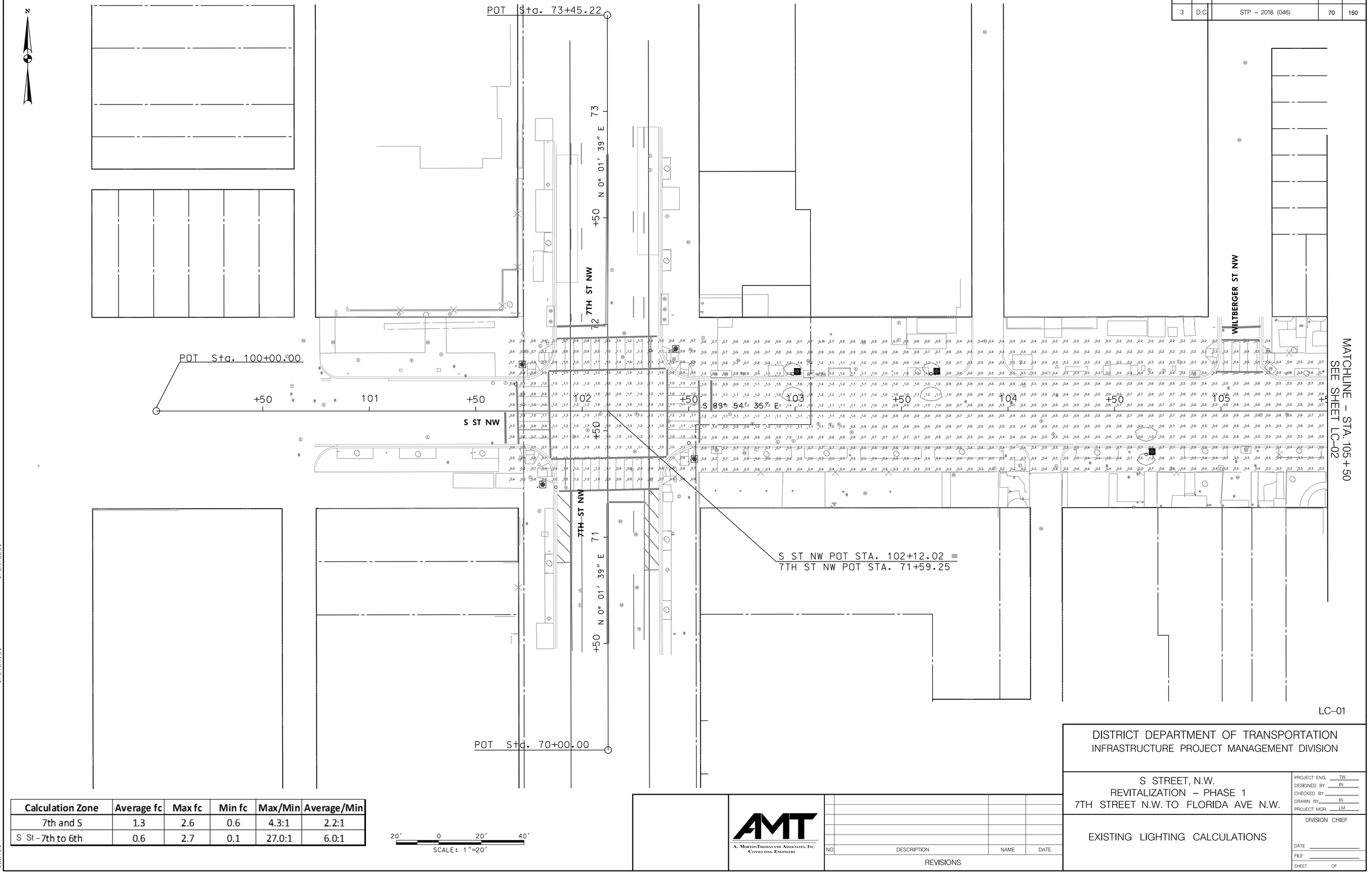
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:25 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	70	150



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
S St – 7th to 6th	0.6	2.7	0.1	27.0:1	6.0:1

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.

EXISTING LIGHTING CALCULATIONS

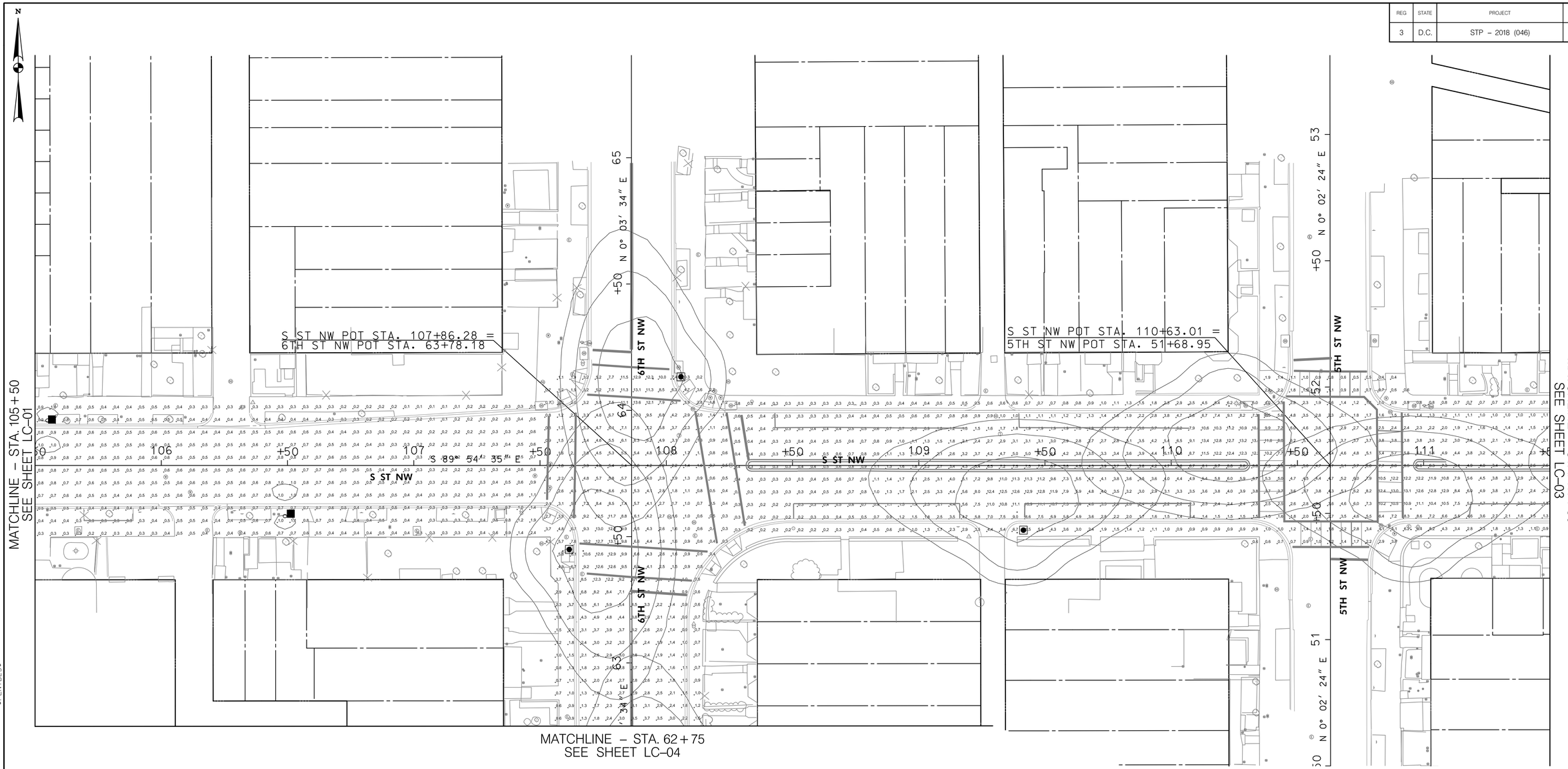
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF

DATE
FILE
SHEET OF

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	71	150



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
S St – 6th to 5th	2.9	15.2	0.2	76.0:1	14.5:1
S St – 5th to New Jersey	3.5	15	0.4	37.5:1	8.8:1

20′ 0 20′ 40′
SCALE: 1″=20′

LC–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 LIGHTING CALCULATIONS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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)	72	150

N

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

POT Sta. 43+01.46

POT Sta. 30+00.00

S 61° 23′ 03″ E +50

FLORIDA AVE NW

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 45+47.67

NEW JERSEY AVE NW

S 15° 39′ 58″ E

+50 S 61° 23′ 03″ E

N 66° 07′ 44″ E

POT Sta. 24+78.96

RHODE ISLAND AVE NW POT STA. 24+07.43 =
FLORIDA AVE NW POT STA. 32+26.55

S ST NW POT STA. 116+03.32 =
FLORIDA AVE NW POT STA. 23+64.76

RHODE ISLAND AVE NW

S 89° 54′ 35″ E

S ST NW

RHODE ISLAND AVE NW POT STA. 21+25.29 =
NEW JERSEY AVE NW POT STA. 45+48.72

RHODE ISLAND AVE NW

POT Sta. 20+00.00

NEW JERSEY AVE NW

POT Sta. 46+13.62

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
S – New Jersey to Florida	3.5	14.2	0.1	142.0:1	35.0:1
NJ – 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.

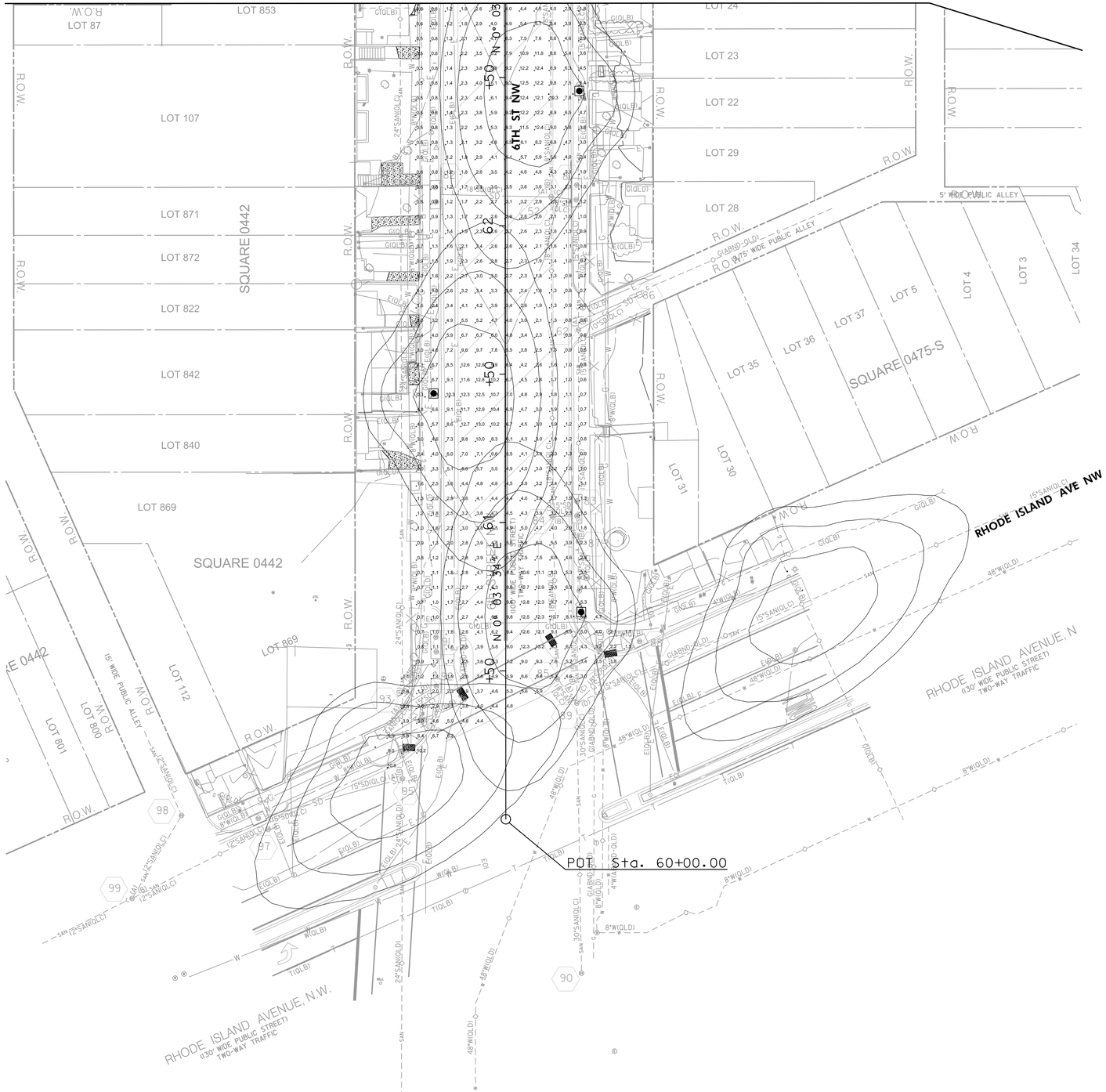
EXISTING LIGHTING CALCULATIONS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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

MATCHLINE – STA. 62+75 SEE SHEET LC-02



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
6th St – S to Rhode Island	3.8	15.2	0.2	76.0:1	19.0:1

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	73	150

20′ 0 20′ 40′
SCALE: 1"=20′

LC-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

EXISTING LIGHTING CALCULATIONS

DIVISION CHIEF
DATE
FILE
SHEET OF

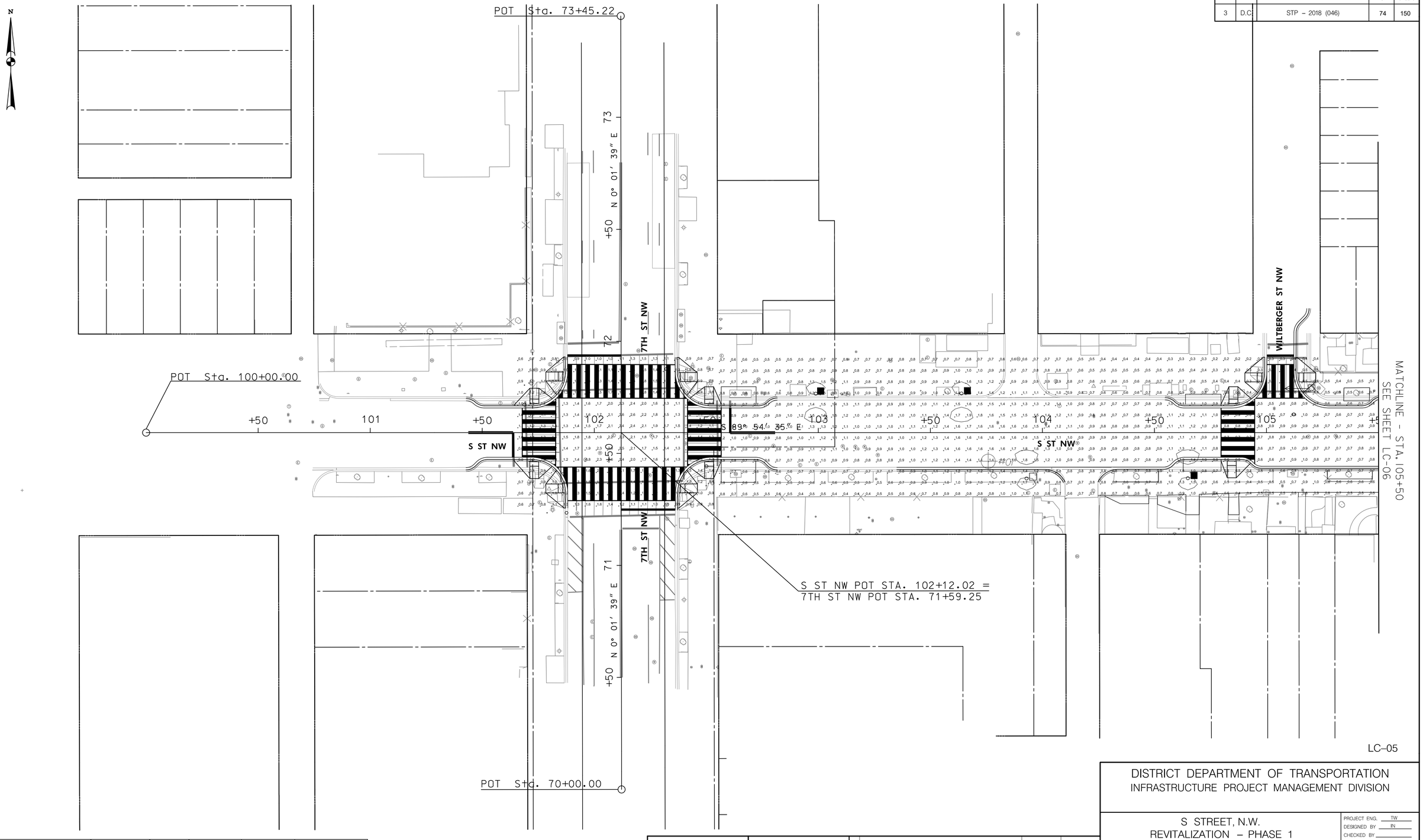
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	74	150



LC-05

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
S St –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.

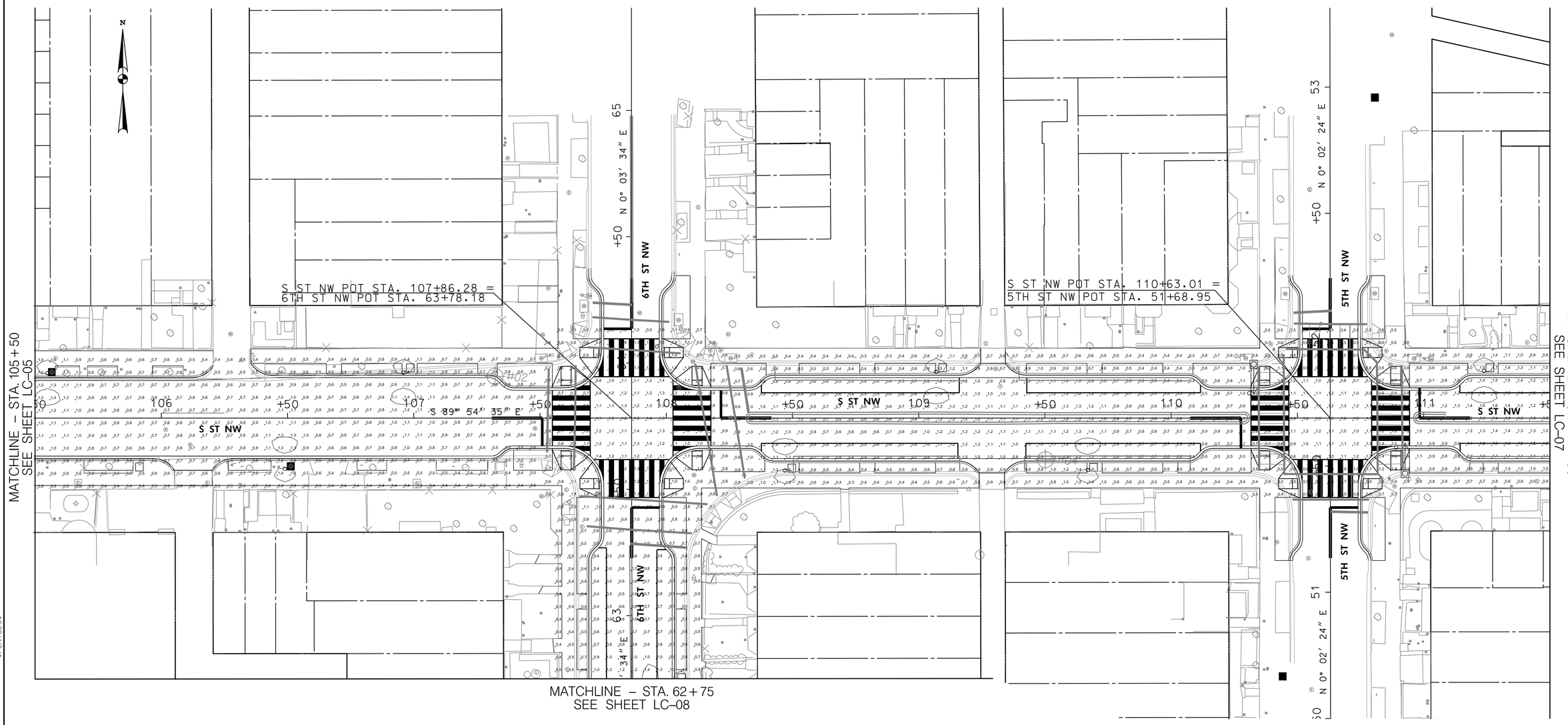
PROPOSED LIGHTING CALCULATIONS

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	75	150



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
S –6th to 5th	0.8	1.7	0.3	5.7:1	2.7:1
S – 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 OF

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)	76	150

N

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

POT Sta. 43+01.46

POT Sta. 30+00.00

S 61° 23′ 03″ E +50

FLORIDA AVE NW

31

NEW JERSEY AVE NW

+50

S 15° 39′ 58″ E 44

S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 45+47.67

+50 S 61° 23′ 03″ E 32

POT Sta. 24+78.96

+50

24

N 66° 07′ 44″ E

RHODE ISLAND AVE NW POT STA. 24+07.43 =
FLORIDA AVE NW POT STA. 32+26.55

S ST NW POT STA. 116+03.32 =
FLORIDA AVE NW POT STA. 23+64.76

+50 112 S 89° 54′ 35″ E +50 113 +50 114 +50 115 +50 116

S ST NW

RHODE ISLAND AVE NW

23

+50

S 15° 39′ 58″ E 45

+50 N 66° 07′ 44″ E 22

+50

21

RHODE ISLAND AVE NW

+50

RHODE ISLAND AVE NW POT STA. 21+25.29 =
NEW JERSEY AVE NW POT STA. 45+48.72

NEW JERSEY AVE NW

46

POT Sta. 20+00.00

POT Sta. 46+13.62

LC-07

Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
S St – 5th to New Jersey	0.8	1.8	0.3	6.0:1	2.7:1
S St – New Jersey to Florida	0.8	1.7	0.3	5.7:1	2.7:1
NJ – 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

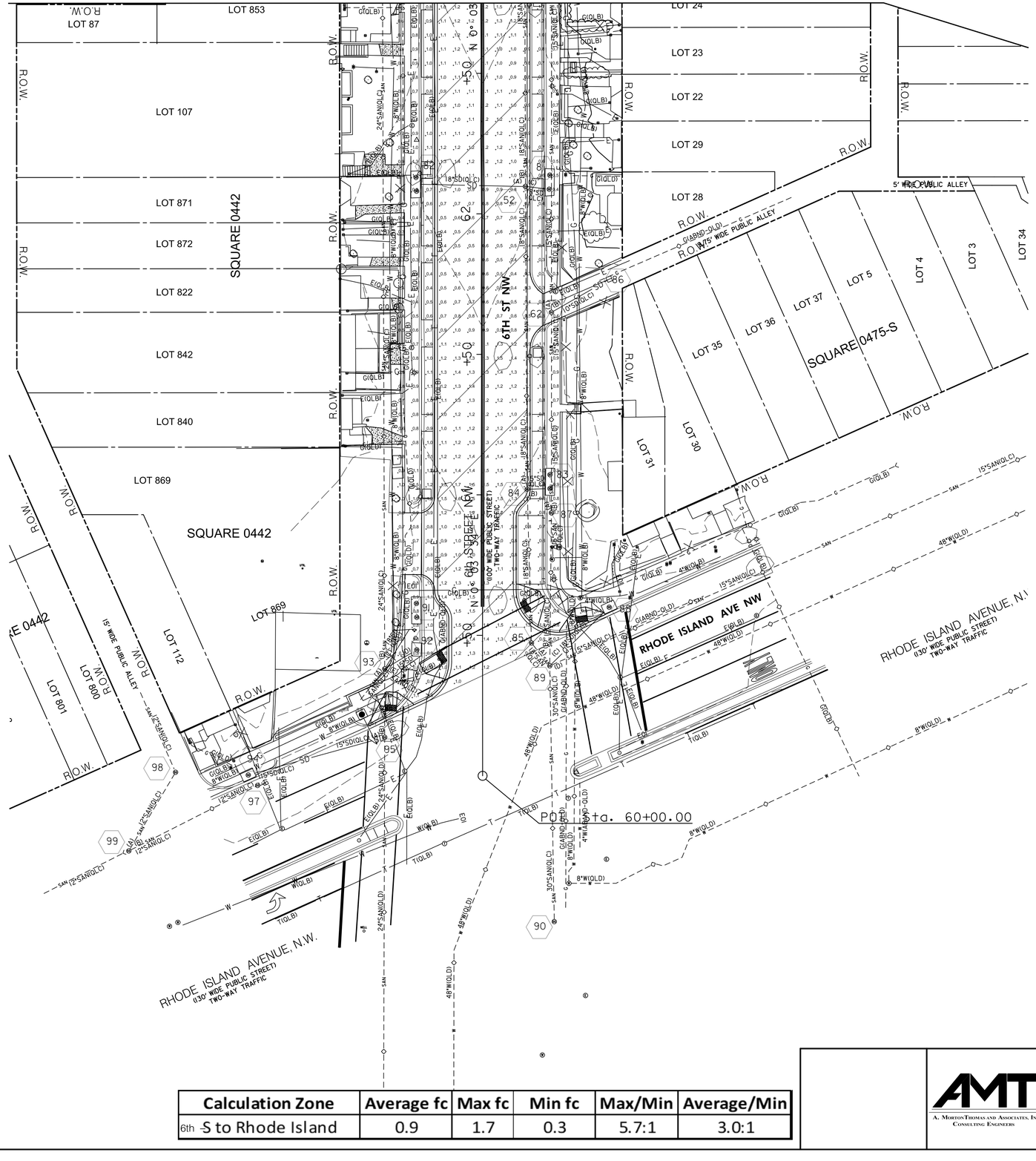
PROJECT ENG. TW
DESIGNED BY IN
CHECKED BY
DRAWN BY IN
PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET OF

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

MATCHLINE – STA. 62+75 SEE SHEET LC-06

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	77	150



Calculation Zone	Average fc	Max fc	Min fc	Max/Min	Average/Min
6th S to Rhode Island	0.9	1.7	0.3	5.7:1	3.0:1

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 OF

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)	78	150

LOT 805
LOT 55
LOT 803
LOT 802
R.O.W.
9.667' WIDE PUBLIC ALLEY
SQUARE 0417
LOT 39 LOT 38 LOT 37 LOT 36 LOT 35 LOT 34
16' WIDE PUBLIC ALLEY
SQUARE 0417
LOT 53
N 454400
E 1306000
INBOUND TRACK CENTERLINE
OUTBOUND TRACK CENTERLINE
7TH ST NW
7th STREET, N.W.
(80' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
59+00
58+00
WMATA P.S.E.
LOT 858
WMATA P.S.E.
WMATA P.U.E.
SQUARE 0441
LOT 99
LOT 859
WMATA P.S.E.
SQUARE 0441
LOT 101
N 454400
E 1306350
WILTBERGER STREET, N.W.
(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
15' WIDE PUBLIC ALLEY
S ST NW
S STREET, N.W.
(90' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
WMATA ROW
57+00
56+00
SQUARE 0419
LOT 34
LOT 32
LOT 824
SQUARE 0419
N 454200
E 1306000
LOT 36
LOT 111
SQUARE 0442
LOT 92
LOT 105
LOT 114
SQUARE 0442
LOT 110
LOT 810
LOT 88

MATCHLINE – STATION 105+50
SEE SHEET EU-02

EU–01

20′ 0 20′ 40′
SCALE: 1″=20′

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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

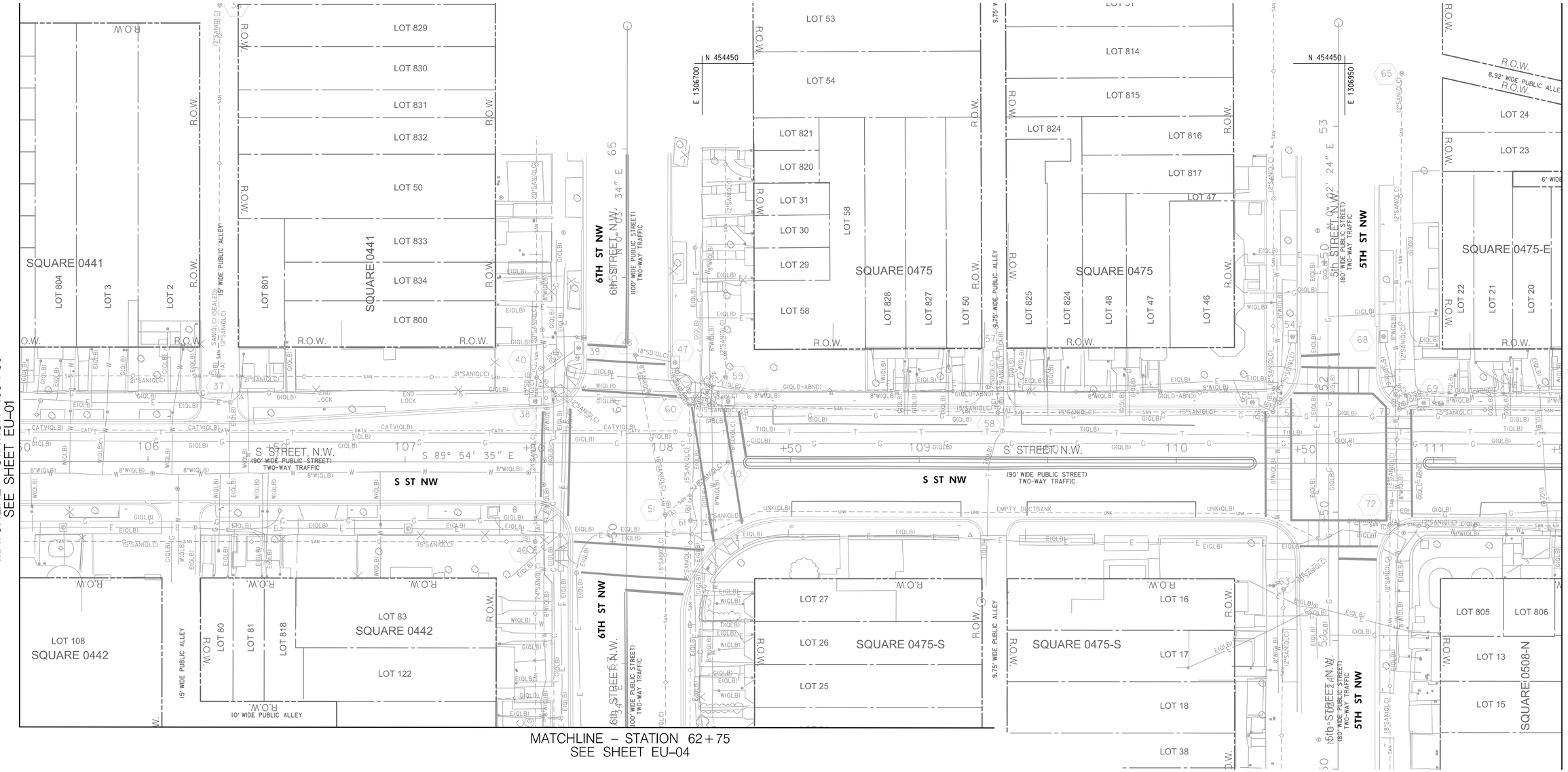
DIVISION CHIEF
DATE
FILE
SHEET OF

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)	79	150



EU-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 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 OF

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

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:25 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	80	150

MATCHLINE – STATION 111+50
SEE SHEET EU-02

SQUARE 0475-E
LOT 31
R.O.W.
8.92' WIDE PUBLIC ALLEY
LOT 16
LOT 15
LOT 14
LOT 1
PUBLIC ALLEY
SQUARE 0475-E
LOT 19
LOT 18
LOT 17
LOT 16
LOT 15
LOT 14
LOT 1
N 454450
E 1307150
N 454150
E 1307150
S STREET, N.W.
(90' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
S ST NW
NEW JERSEY AVE NW
NEW JERSEY AVENUE, N.W.
(160' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
FLORIDA AVE NW
FLORIDA AVENUE, N.W.
(80' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
SQUARE 0507-N
LOT 800
SQUARE 3094
LOT 49
LOT 48
LOT 47
LOT 46
LOT 45
LOT 18
(50' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
SQUARE 3095
LOT 29
LOT 28
LOT 27
SQUARE 3095
LOT 821
15' WIDE PUBLIC ALLEY
SQUARE 3095
LOT 77
RHODE ISLAND
(130' WIDE P
TW
U.S. RES.
160
RHODE ISLAND AVE NW
RHODE ISLAND AVENUE, N.W.
(130' WIDE PUBLIC STREET)
TWO-WAY TRAFFIC
SQUARE 0508-N
LOT 802
LOT 803
LOT 4
LOT 12
LOT 11
LOT 813
LOT 814
5' WIDE PUBLIC ALLEY
LOT 13
LOT 16
LOT 4
LOT 12
LOT 11
LOT 813
LOT 814
LOT 16
R.O.W.
LOT 87
LOT 86
LOT 88
LOT 40
LOT 41
LOT 42
LOT 96
LOT 95
LOT 35
SQUARE 0507
LOT 94
SQUARE 0507
EU-03

SCALE: 1"=20'

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Wednesday, April 14, 2021 AT 03:25 PM
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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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

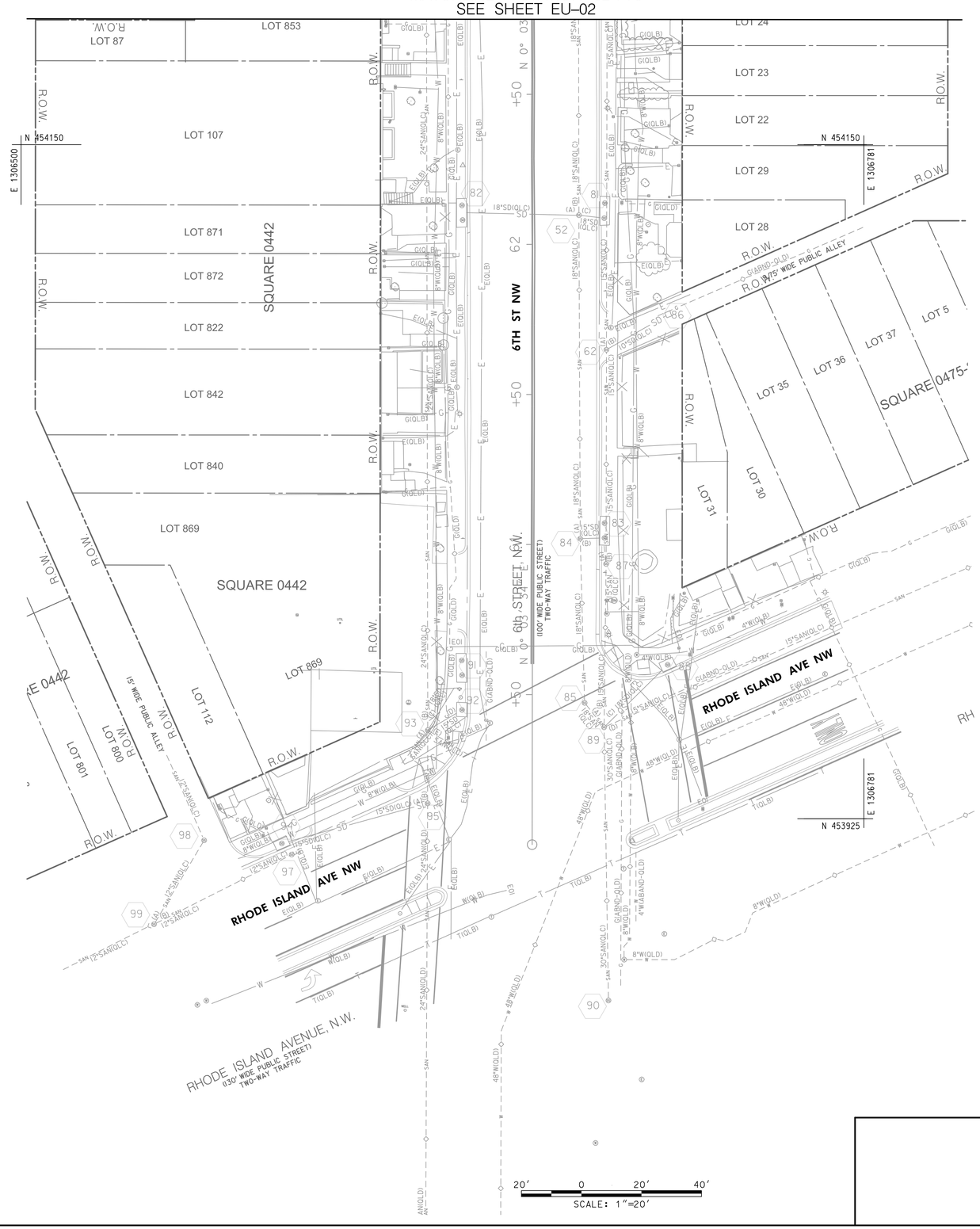
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

MATCHLINE – STATION 62+75
SEE SHEET EU–02

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	81	150



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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:25 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	82	150

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, S STREET, N.W. 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. THIS TRAFFIC CONTROL IS DESIGNED FOR A 25 MHP POSTED SPEED. IT IS UNDERSTOOD THAT THE SPEED MAY BE REDUCED AT THE TIME OF CONSTRUCTION. THE CONTRACTOR MAY REVISE THE TAPERS AND SPACING BASED ON A LOWER SPEED WITH DDOT'S APPROVAL.

SIGN SYMBOL	SIGN STANDARD NUMBER	SIZE	SF PER SIGN	QUANTITY (EA)
ROAD WORK AHEAD	W20-1	36"X36"	6	2
CURB LANE CLOSED AHEAD	W9-3	36"X36"	6	2
SIDEWALK CLOSED	R9-9	30"X18"	3.75	4
PEDESTRIANS →	R9-9	48"X24"	8	4
END ROAD WORK	G20-2	36"X18"	4.5	2

LEGEND

- SIGN LOCATION
- CLASS II BARRICADE
- TEMPORARY BARRIER (WATER FILLED)
- WORKZONE

NOT TO SCALE

MOT-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.

MAINTENANCE OF TRAFFIC NOTES

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:29 PM
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	83	150

SEQUENCE OF CONSTRUCTION

PHASE 1

1. MAINTAIN ONE LANE OF EASTBOUND TRAFFIC AND DETOUR WESTBOUND TRAFFIC ON S STREET AS SHOWN BETWEEN STA. 101+42.83 AND STA. 107+29.88.

PHASE 1A

1. CONSTRUCT LEFT SIDEWALK BETWEEN 7TH ST AND 6TH ST AND DETOUR PEDESTRIANS ON THE WESTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS.

PHASE 2

1. CONSTRUCT EASTBOUND CURB LANE WHILE MAINTAINING S ST DETOUR FROM STA. 101+42.76 TO STA. 107+29.99.

PHASE 2A

1. CONSTRUCT RIGHT SIDEWALK BETWEEN 7TH ST AND 6TH ST AND DETOUR PEDESTRIANS ON THE EASTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS

PHASE 3

1. CONSTRUCT THE INNER LANE WHILE MAINTAINING ONE CURB LANE OF TRAFFIC ON EACH SIDE BETWEEN STA. 108+42.67 AND STA. 112+85.19

PHASE 4

1. CONSTRUCT THE EASTBOUND CURB LANE ON S ST FROM STA. 108+42.67 TO STA. 112+85.19 WHILE MAINTAINING ONE LANE OF TRAFFIC ON EACH DIRECTION.

PHASE 5

1. CONSTRUCT RIGHT SIDEWALK BETWEEN STA. 108+42.67 AND STA. 112+85.19 AND DETOUR PEDESTRIANS ON THE EASTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS

PHASE 6

1. CONSTRUCT THE WESTBOUND CURB LANE FROM STA. 108+42.67 TO 112+85.19 WHILE MAINTAINING ONE LANE OF TRAFFIC ON EACH DIRECTION.

PHASE 7

1. CONSTRUCT LEFT SIDEWALK BETWEEN STA. 108+42.67 AND 112+85.19 AND DETOUR PEDESTRIANS ON THE WESTBOUND CURB LANE WHILE MAINTAINING A 1'–6" BARRIER BETWEEN ROADWAY TRAFFIC AND PEDESTRIANS.

NOT TO SCALE

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

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.

MAINTENANCE OF TRAFFIC
SEQUENCE OF CONSTRUCTION

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

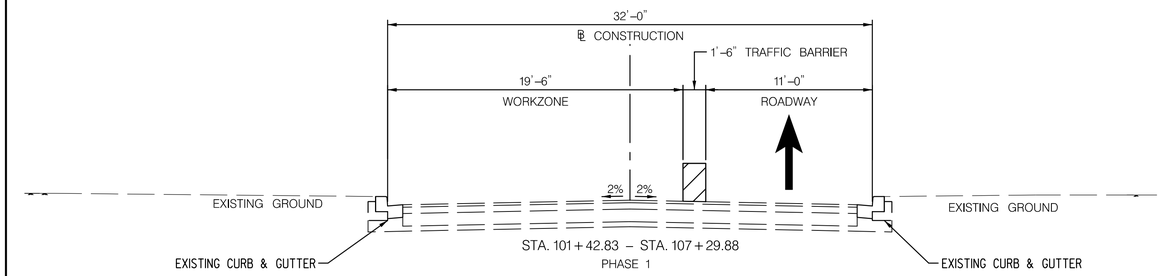
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DATE
FILE
SHEET OF

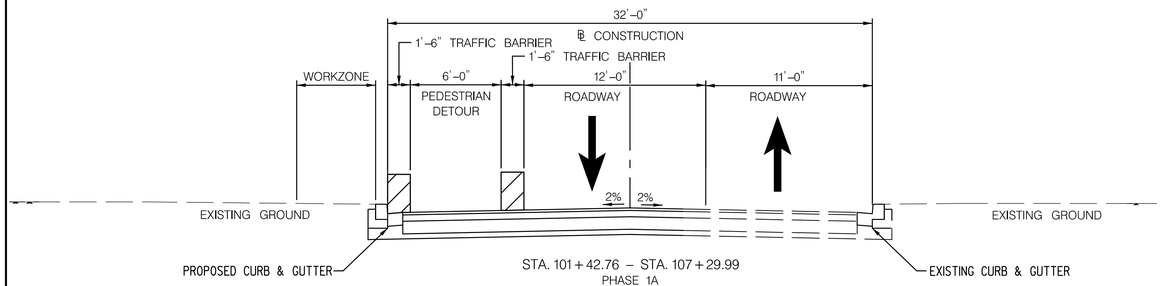
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$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	84	150

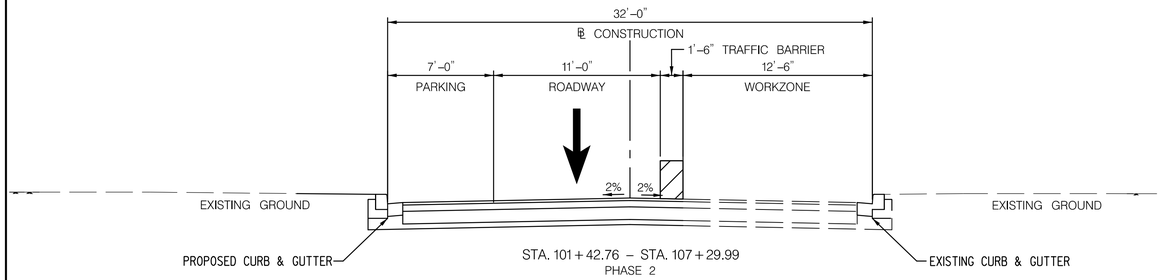
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS



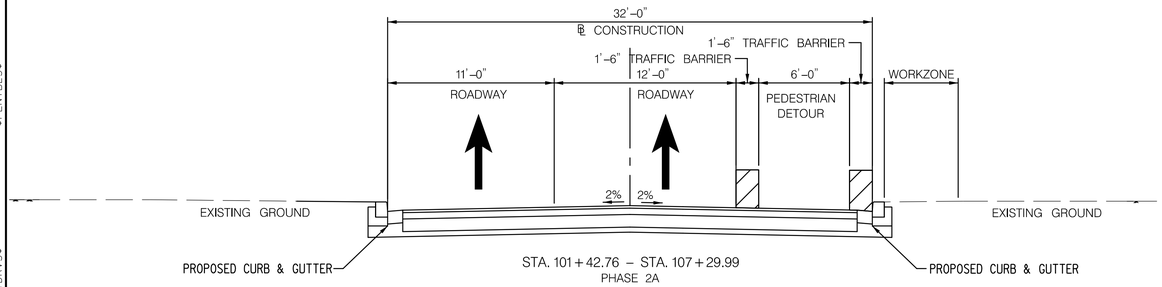
STA. 101 + 42.83 – STA. 107 + 29.88
PHASE 1



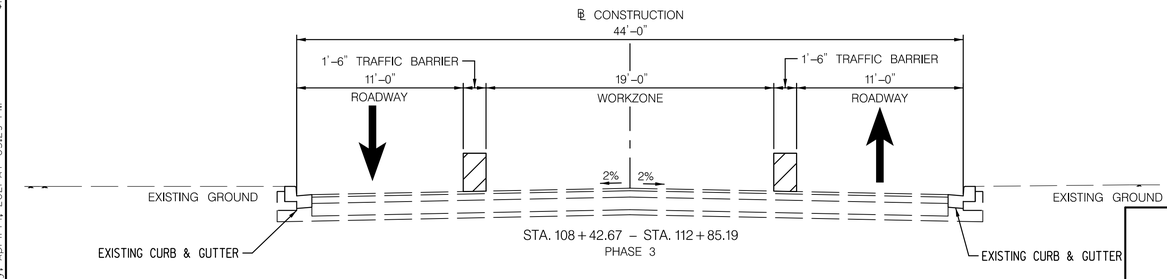
STA. 101 + 42.76 – STA. 107 + 29.99
PHASE 1A



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

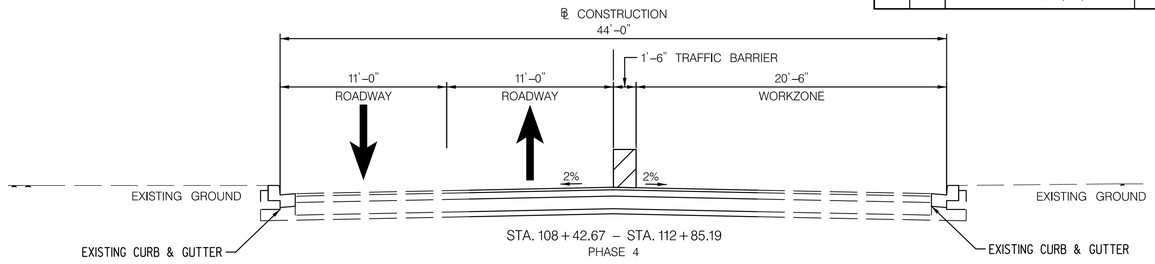


STA. 101 + 42.76 – STA. 107 + 29.99
PHASE 2A

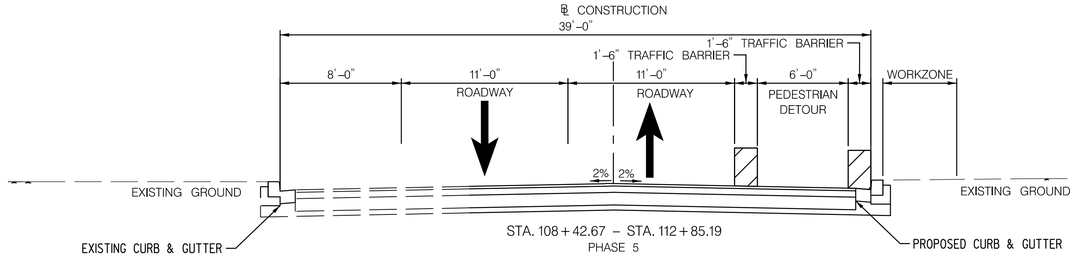


STA. 108 + 42.67 – STA. 112 + 85.19
PHASE 3

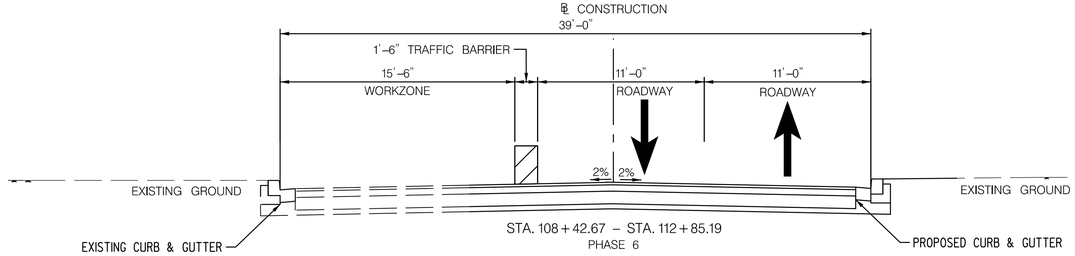
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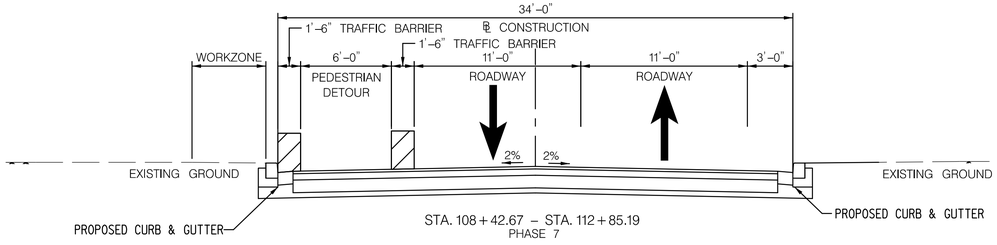
STA. 108 + 42.67 – STA. 112 + 85.19
PHASE 4



STA. 108 + 42.67 – STA. 112 + 85.19
PHASE 5



STA. 108 + 42.67 – STA. 112 + 85.19
PHASE 6



STA. 108 + 42.67 – STA. 112 + 85.19
PHASE 7

MOT–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	FW
DRAWN BY	IN
PROJECT MGR.	LM

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

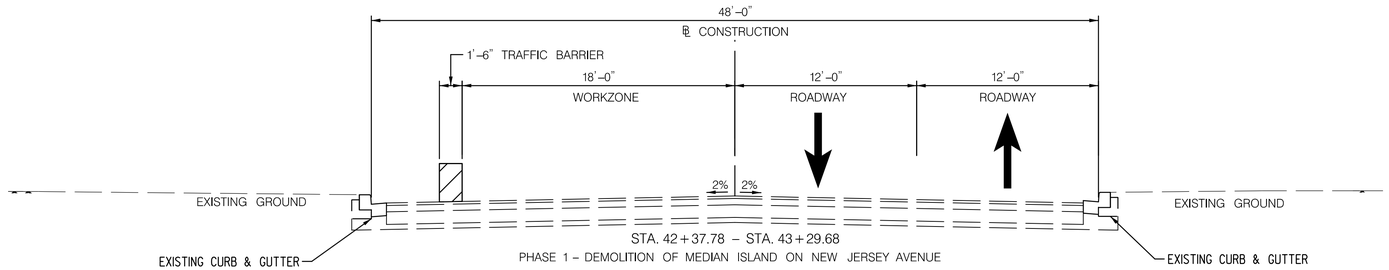
NO.	DESCRIPTION	NAME	DATE

REVISIONS

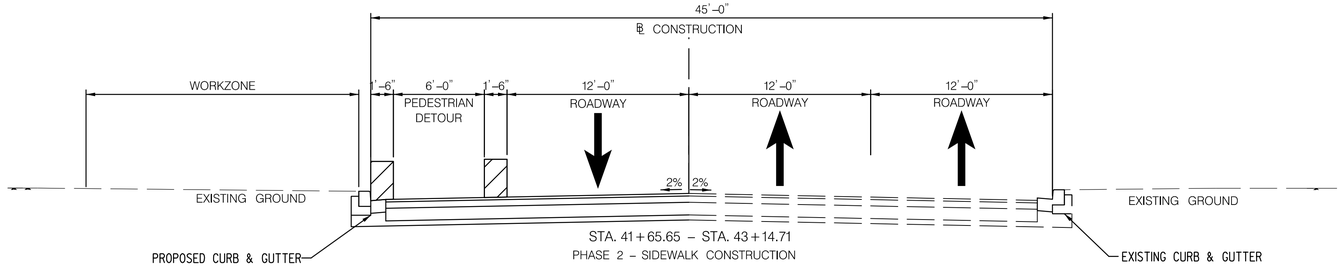
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MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

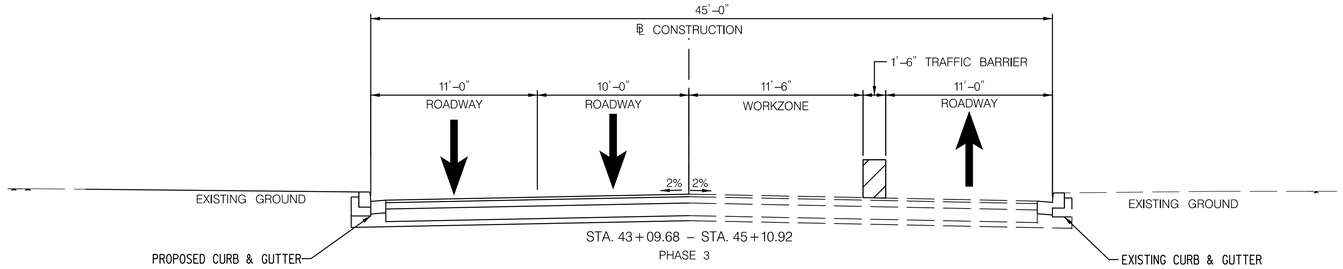
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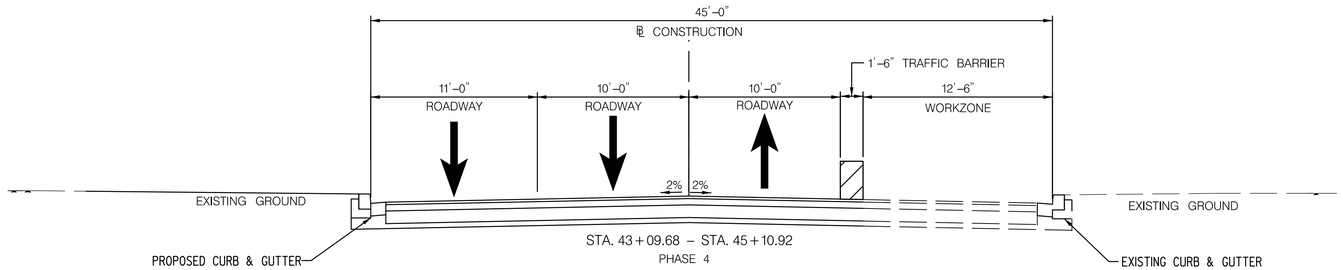
STA. 42+37.78 – STA. 43+29.68
PHASE 1 – DEMOLITION OF MEDIAN ISLAND ON NEW JERSEY AVENUE



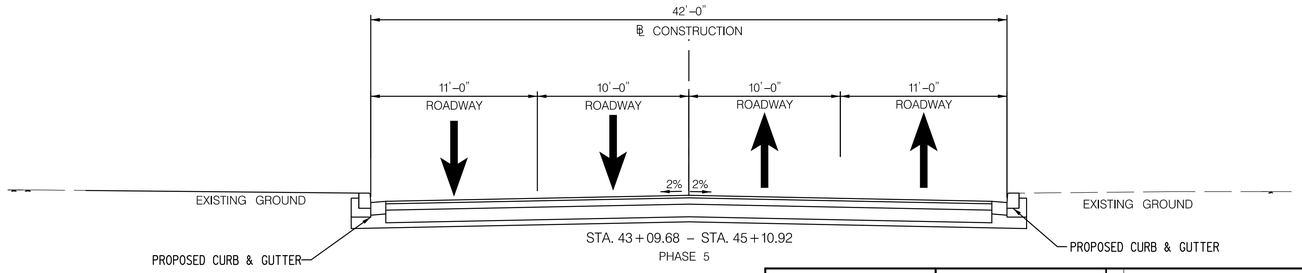
STA. 41+65.65 – STA. 43+14.71
PHASE 2 – SIDEWALK CONSTRUCTION



STA. 43+09.68 – STA. 45+10.92
PHASE 3



STA. 43+09.68 – STA. 45+10.92
PHASE 4



STA. 43+09.68 – STA. 45+10.92
PHASE 5

NOT TO SCALE

MOT–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 FW
DRAWN BY IN
PROJECT MGR. LM

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

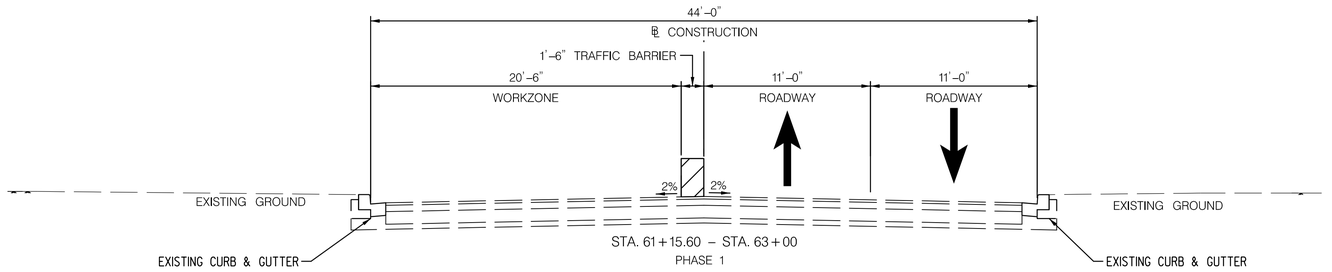
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REVISIONS

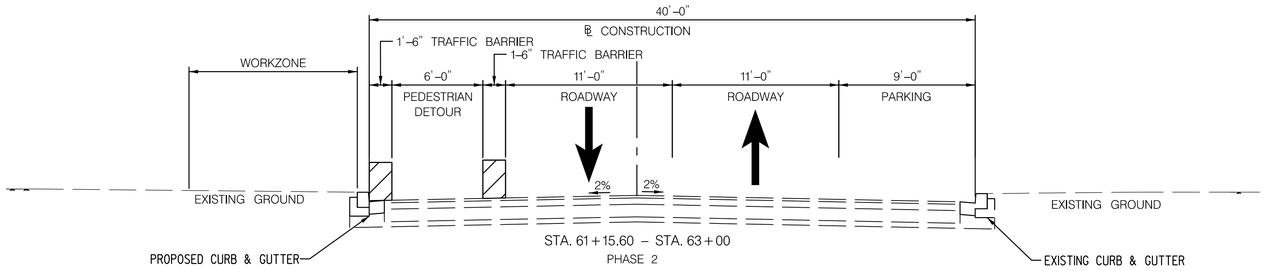
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MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

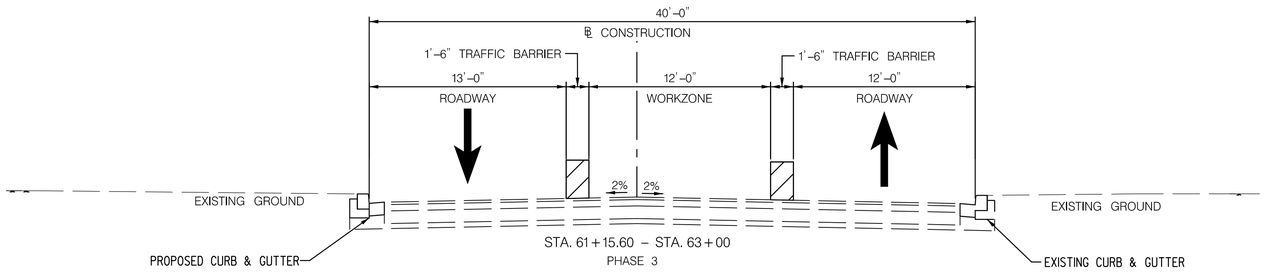
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	86	150



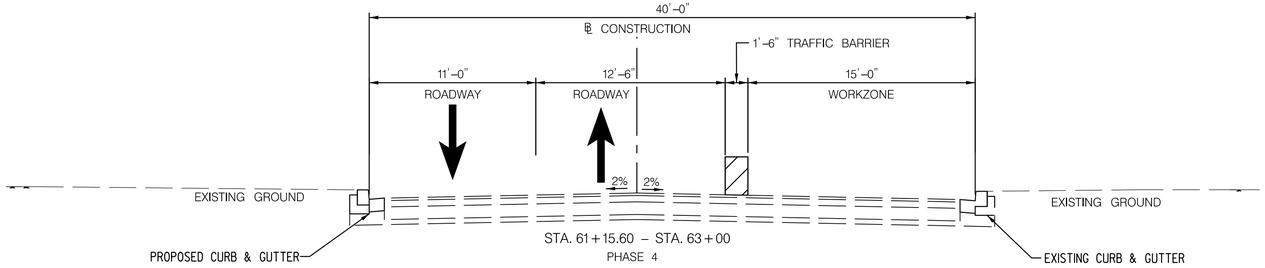
STA. 61+15.60 – STA. 63+00
PHASE 1



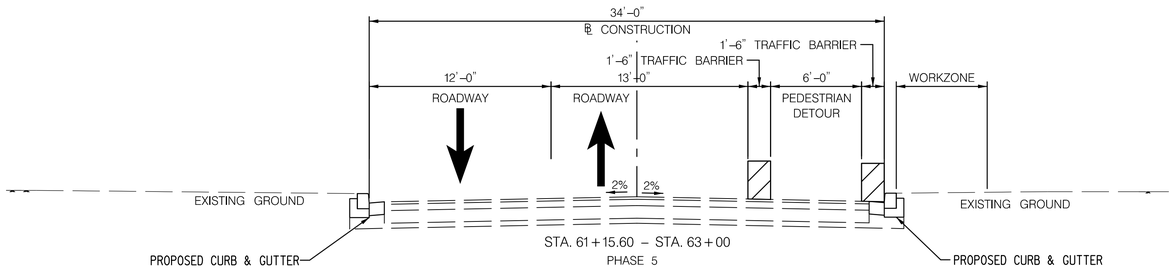
STA. 61+15.60 – STA. 63+00
PHASE 2



STA. 61+15.60 – STA. 63+00
PHASE 3



STA. 61+15.60 – STA. 63+00
PHASE 4



STA. 61+15.60 – STA. 63+00
PHASE 5

NOT TO SCALE

MOT–05

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

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

DIVISION CHIEF
DATE
FILE
SHEET OF

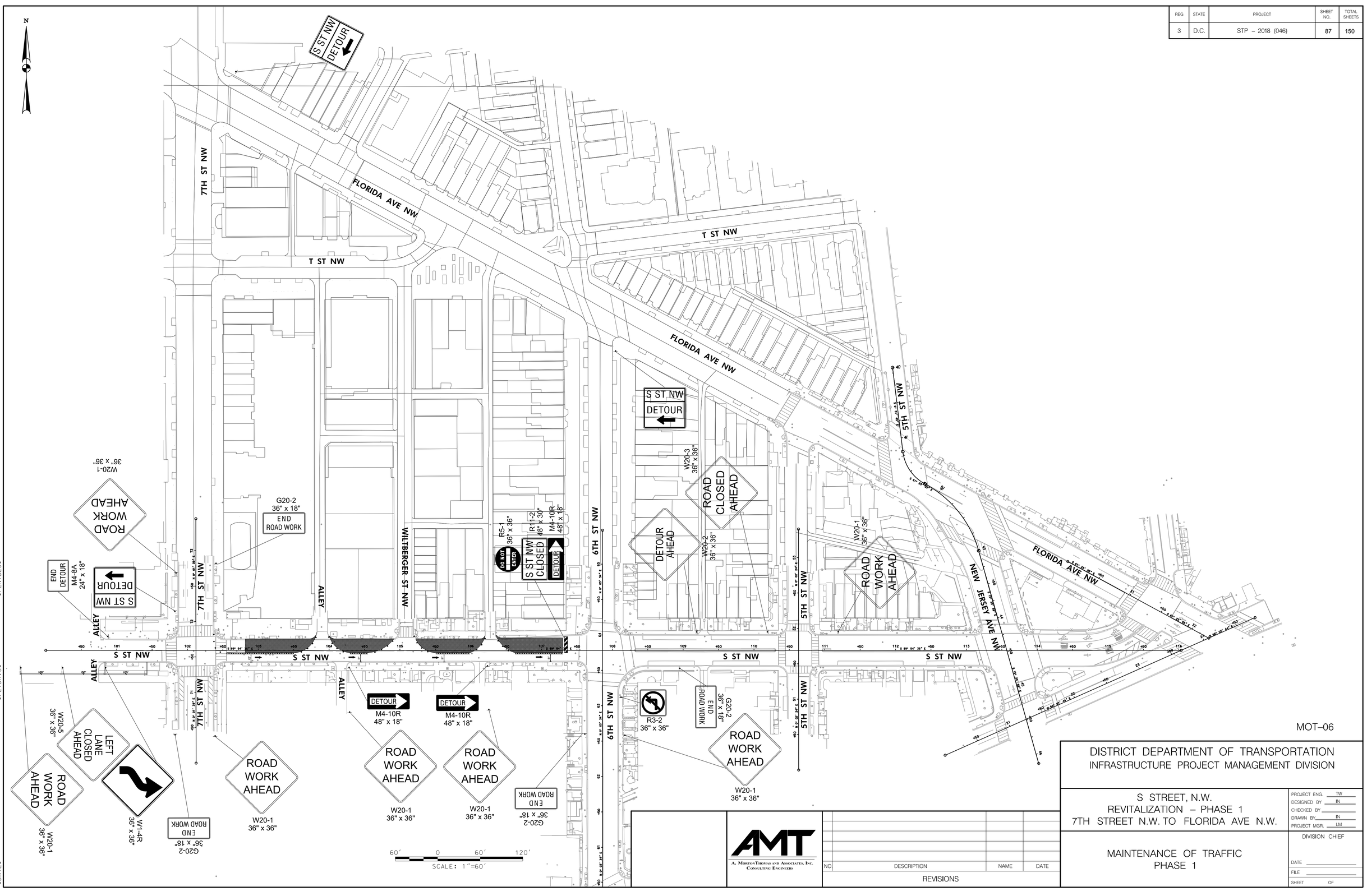
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
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Wednesday, April 14, 2021 AT 03:30 PM

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	87	150



MOT–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.

MAINTENANCE OF TRAFFIC
PHASE 1

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

DIVISION CHIEF
DATE
FILE
SHEET OF

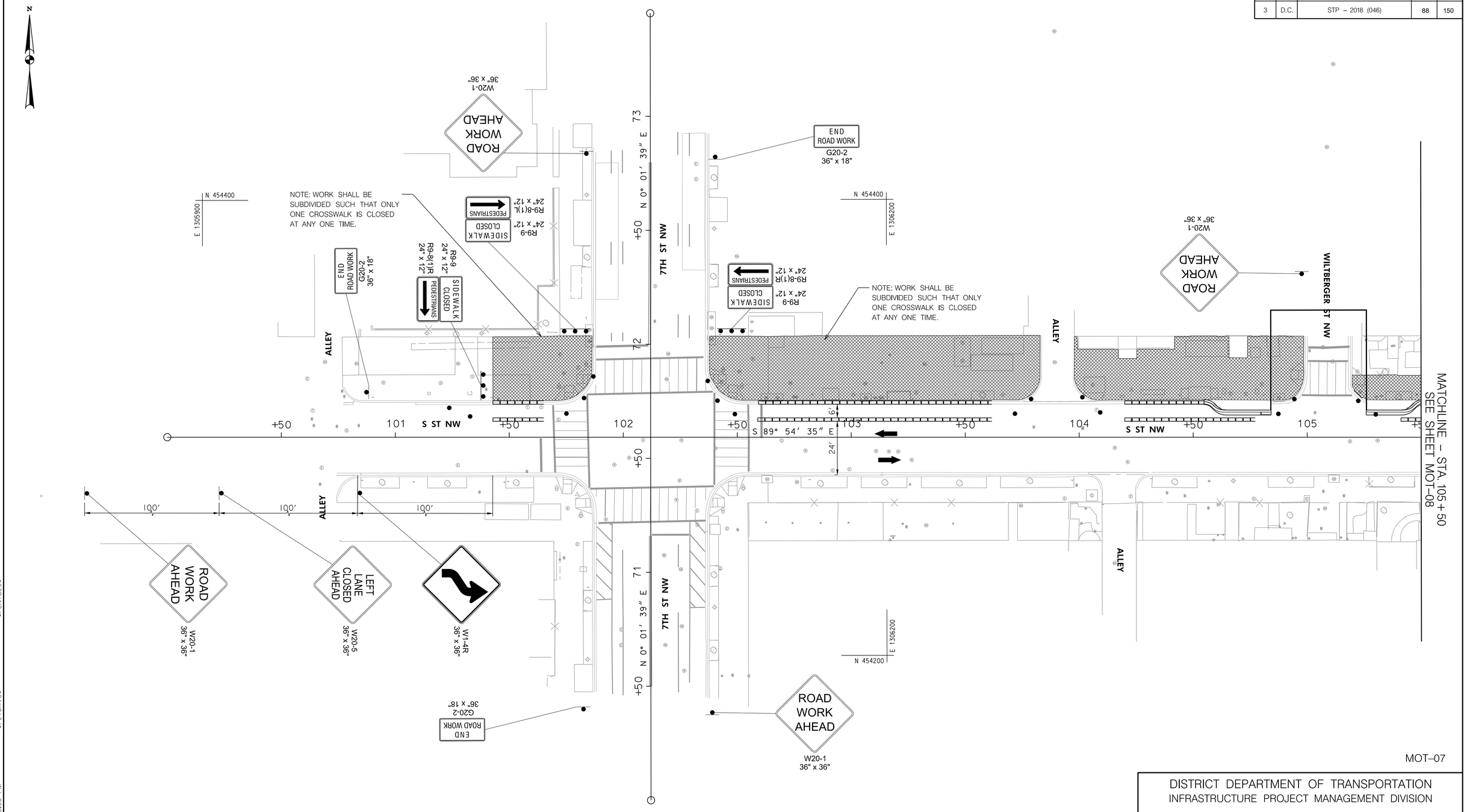
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	88	150



MOT–07

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.

MAINTENANCE OF TRAFFIC
PHASE 1A

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

DIVISION CHIEF
DATE
FILE
SHEET OF

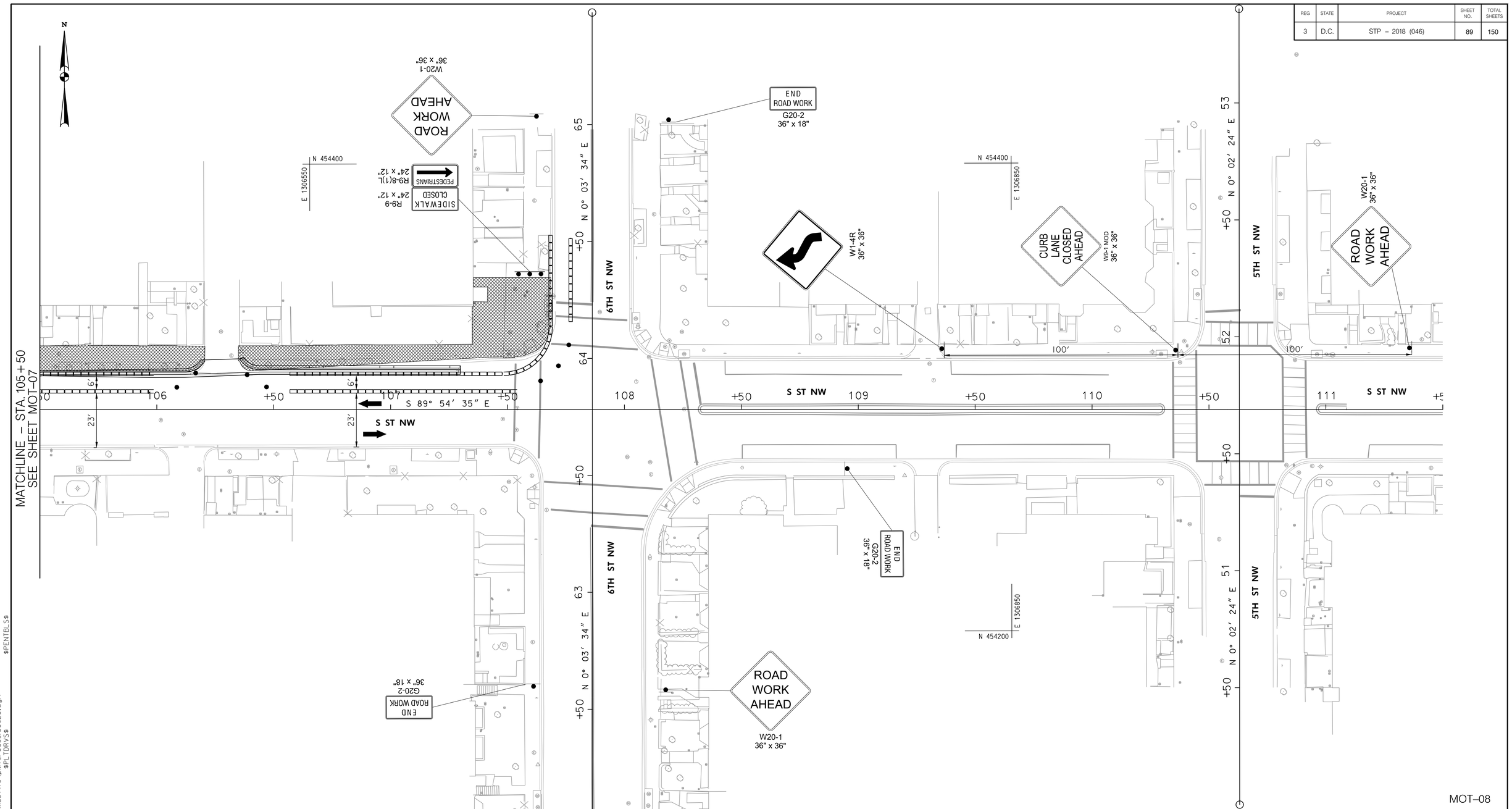
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	89	150



MOT–08

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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 1A

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

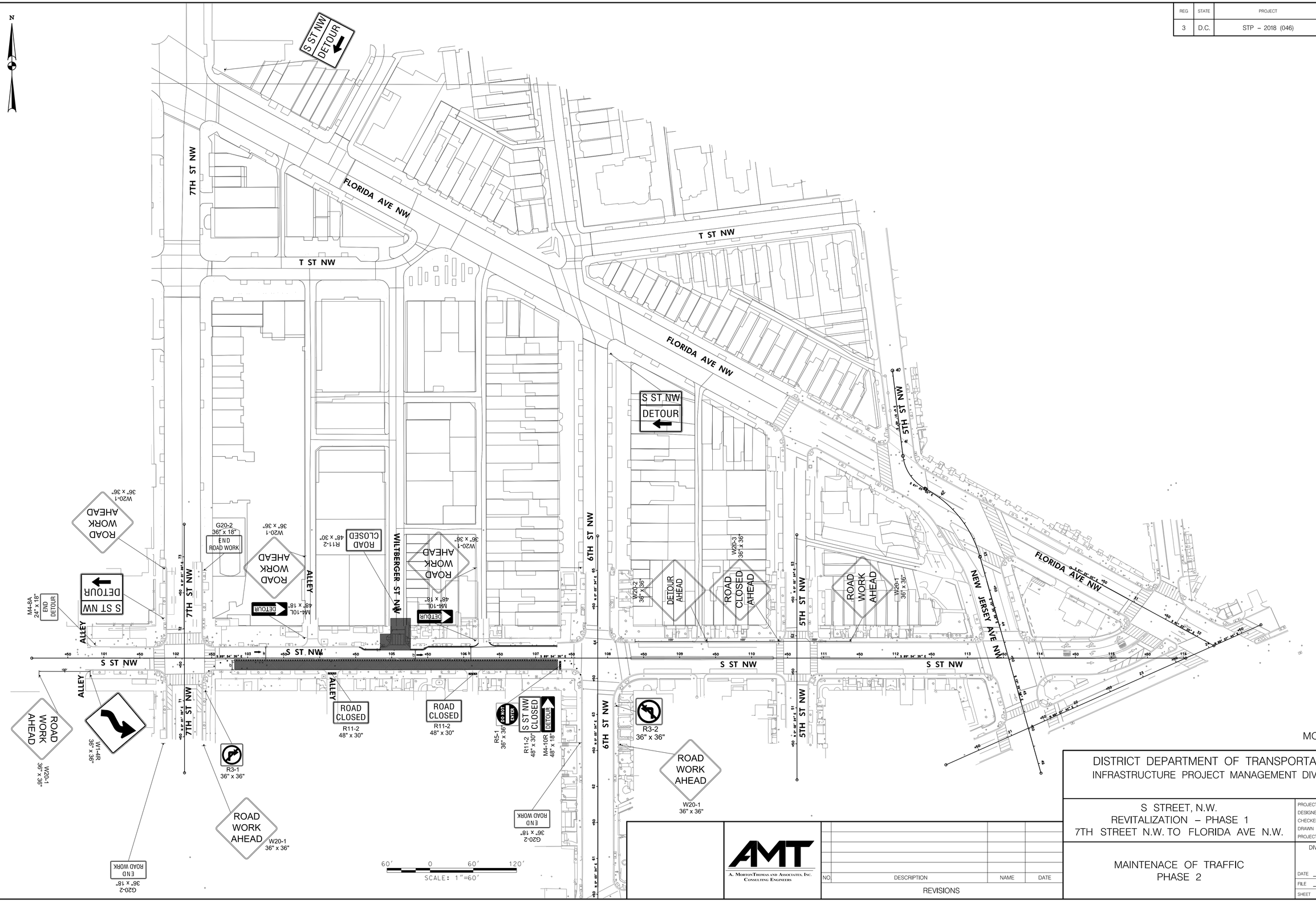
DIVISION CHIEF
DATE
FILE
SHEET OF

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)	90	150



MOT–09

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

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

MAINTENACE OF TRAFFIC
PHASE 2

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 OF

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	91	150

N

N 454400
E 1305900

N 454400
E 1306200

N 454200
E 1306200

ALLEY

7TH ST NW

WILTBERGER ST NW

S ST NW

S 89° 54′ 35″ E

N 0° 01′ 39″ E

+50 73

+50 72

+50 71

+50

101 +50 102 +50 103 +50 104 +50 S ST NW 105 +50

23′

9′

100′ 100′ 100′

MATCHLINE – STA. 105+50
SEE SHEET MOT–11

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

W1-4L
36" x 36"

PEDESTRIANS
R9-8(1)L
24" x 12"

SIDEWALK CLOSED
R9-9
24" x 12"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–10

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 2A

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:30 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	92	150

MATCHLINE – STA. 105+50
SEE SHEET MOT–10

N

N 454400
E 1306550

N 0° 03′ 34″ E

6TH ST NW

S ST NW

S 89° 54′ 35″ E

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

23′
9′

ROAD WORK AHEAD
W20-1
36" x 36"

R9-9
24" x 12"
SIDEWALK CLOSED
R9-8(1)R
24" x 12"
PEDESTRIANS

END ROAD WORK
G20-2
36" x 18"

W1-4L
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

N 454400
E 1306850

N 454200
E 1306850

N 0° 02′ 24″ E

5TH ST NW

W20-1
36" x 36"
ROAD WORK AHEAD

100′

63 64 65 (6TH ST NW)
62 63 64 (6TH ST NW)
51 52 53 (5TH ST NW)
+50

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–11

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 2A

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:30 PM
$PLTDRVS$ $PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	93	150

N

7TH ST NW

N 0° 01′ 39″ E

+50 73

+50 72

+50 71

S ST NW

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

WILTBERGER ST NW

TEMPORARY ADA RAMP

S 89° 54′ 35″ E 6′ 20′

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)R
24" x 12"

W1-4
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

W9-1 MOD
36" x 36"

CURB LANE CLOSED AHEAD

W1-4
36" x 36"

END ROAD WORK
G20-2
36" x 18"

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–12

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

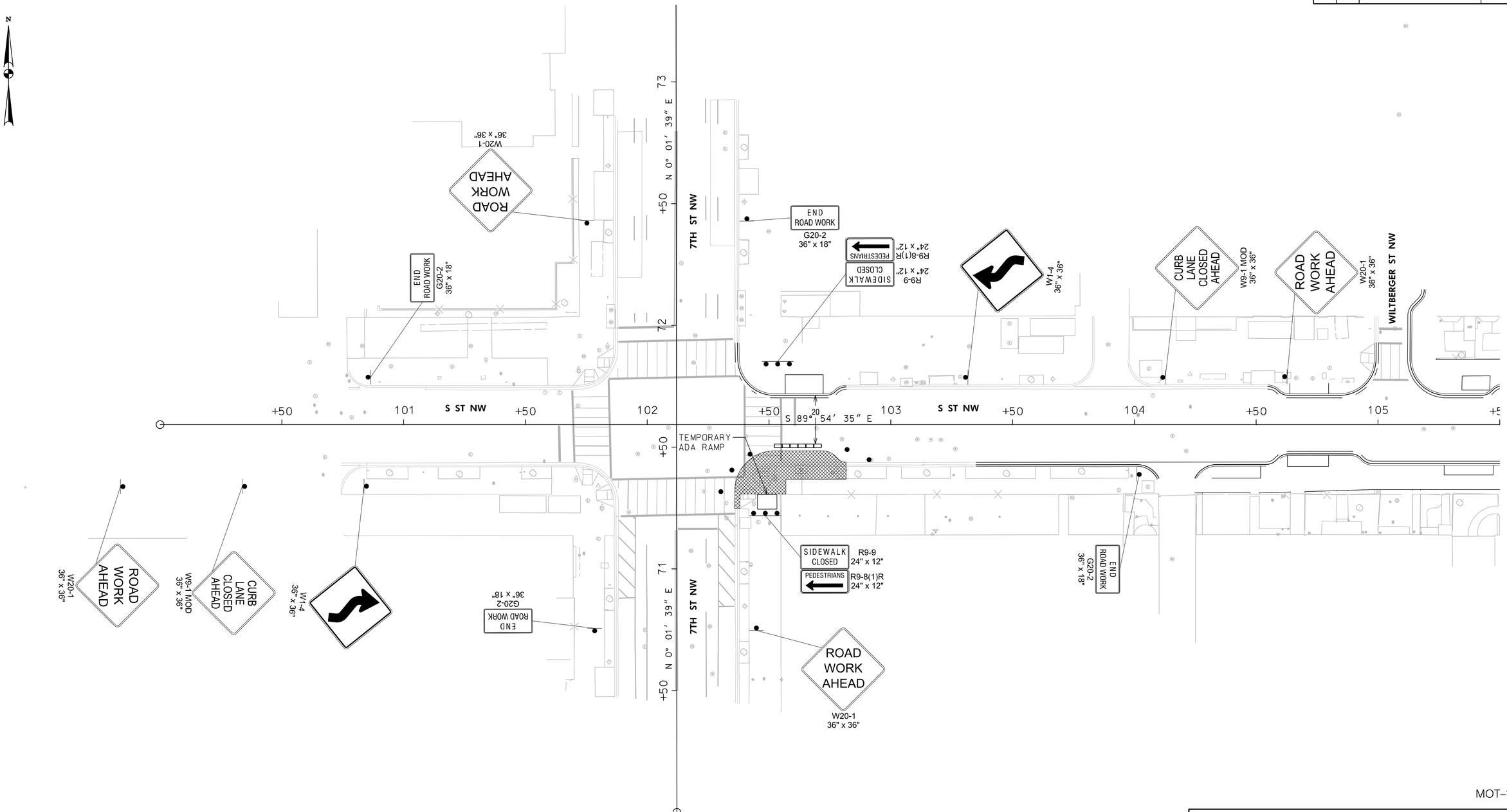
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	94	150



20′ 0 20′ 40′
SCALE: 1"=20′

MOT–13

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	95	150

N

7TH ST NW

N 0° 01′ 39″ E

73

72

71

+50

S 89° 54′ 35″ E

S ST NW

WILTBERGER ST NW

101 S ST NW

102

103 S ST NW

104

105

20′

TEMPORARY ADA RAMP

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

W1-4
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–14

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

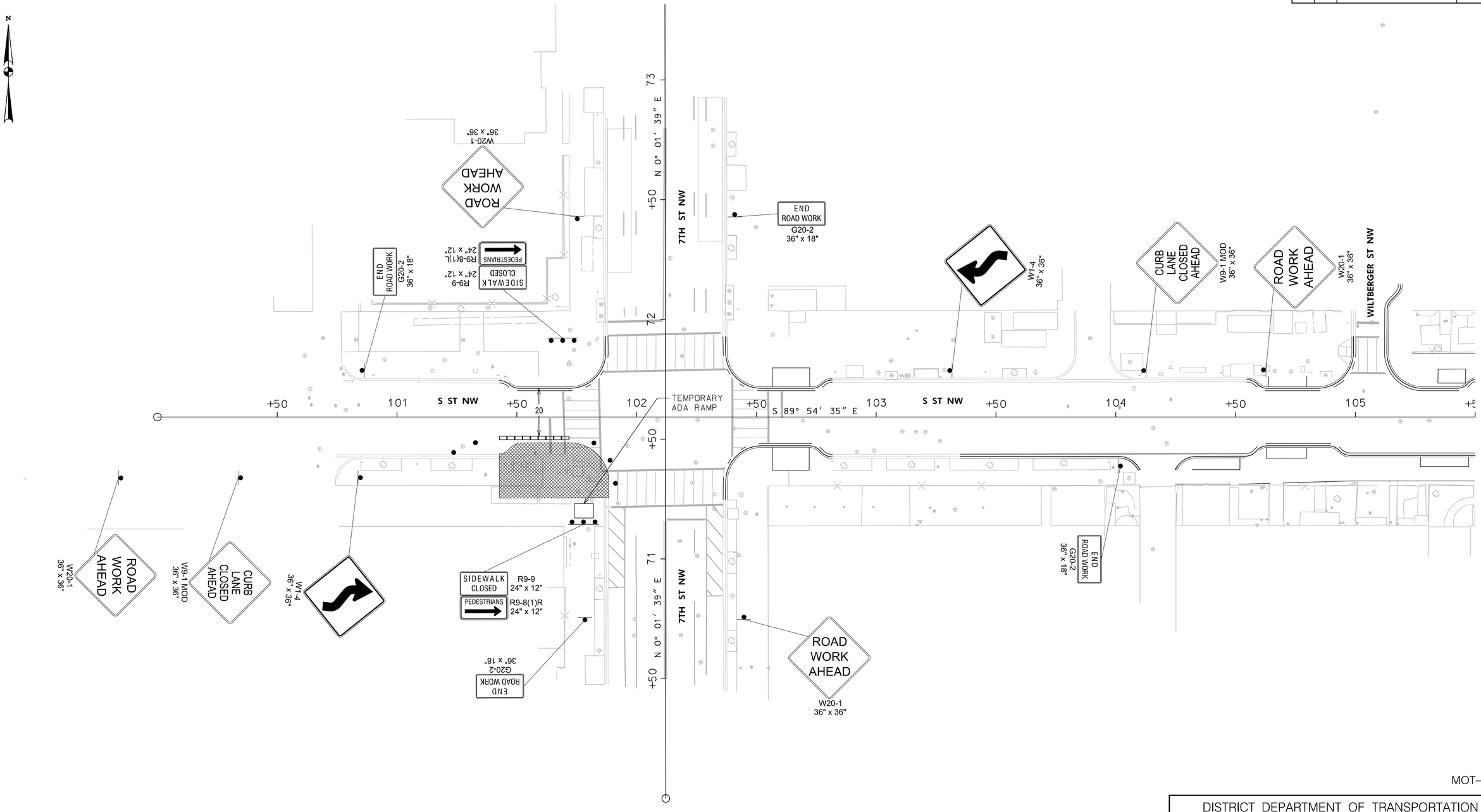
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	96	150



MOT–15

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	97	150

N

N 454400
E 1306550

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

6TH ST NW

N 0° 03′ 34″ E

S ST NW

S 89° 54′ 35″ E

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

100′ 100′

ROAD WORK AHEAD
W20-1
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

W1-4L
36" x 36"

END ROAD WORK
G20-2
36" x 18"

11′ 11′ 11′ 19′

N 454400
E 1306850

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

5TH ST NW

N 0° 02′ 24″ E

65 64 63 53 52 51

+50

MATCHLINE – STA. 111+50
SEE SHEET MOT–17

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–16

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

PROJECT ENG. TW
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PROJECT MGR. LM

DIVISION CHIEF
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FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	98	150

N

MATCHLINE – STA. 111+50
SEE SHEET MOT-16

N 454400
E 1307100

W20-1
36" x 36"
ROAD WORK AHEAD

S ST NW

11'
11'

112 S 89° 54' 35" E +50 113 +50 +50 114 +50 115 +50 116 +50

S Street NW

END ROAD WORK
G20-2
36" x 18"

W1-4L
36" x 36"

W20-5
36" x 36"

LEFT LANE CLOSED AHEAD

ROAD WORK AHEAD

W20-1
36" x 36"

New Jersey Ave. NW

S 15° 39' 58" E

43 +50 44 45 46

S 61° 23' 03" E +50 31 +50 S 61° 23' 03" E 32 24 N 66° 07' 44" E +50

N 454400
E 1307550

Florida Ave. NW

Rhode Island Ave. NW
23 +50 N 66° 07' 44" E 22

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

Rhode Island Ave. NW
+50 21 +50

New Jersey Ave. NW

N 454200
E 1307550

MOT–17

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.

MAINTENANCE OF TRAFFIC
PHASE 3

PROJECT ENG. TW.
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	99	150

N

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

N 454400
E 1306550

6TH ST NW

N 0° 03′ 34″ E

S ST NW

S 89° 54′ 35″ E

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

22′

100′ 100′

ROAD WORK AHEAD
W20-1
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

W1-4L
36" x 36"

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

N 454200
E 1306850

END ROAD WORK
G20-2
36" x 18"

5TH ST NW

N 0° 02′ 24″ E

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

MATCHLINE – STA. 111+50
SEE SHEET MOT–19

MOT–18

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.

MAINTENANCE OF TRAFFIC
PHASE 4

PROJECT ENG. TW
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$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	100	150

N

MATCHLINE – STA. 111+50
SEE SHEET MOT-18

N 454400
E 1307100

W20-1
36" x 36"
ROAD WORK AHEAD

END ROAD WORK
G20-2
36" x 18"

W1-4R
36" x 36"

W20-5
36" x 36"
LEFT LANE CLOSED AHEAD

W20-1
36" x 36"
ROAD WORK AHEAD

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

N 454400
E 1307550

N 454200
E 1307550

S ST NW

S Street NW

New Jersey Ave. NW

Florida Ave. NW

Rhode Island Ave. NW

Rhode Island Ave. NW

New Jersey Ave. NW

S 89° 54′ 35″ E +50

S 61° 23′ 03″ E +50

+50 S 61° 23′ 03″ E 32

N 66° 07′ 44″ E +50

S 15° 39′ 58″ E

N 66° 07′ 44″ E +50

S 15° 39′ 58″ E

+50

112 113 114 115 116

43 44 45 46 51 24 23 22 21

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–19

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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

NO.	DESCRIPTION	NAME	DATE

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	101	150

N

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

N 454400
E 1306550

6TH ST NW
N 0° 03′ 34″ E

S ST NW
S 89° 54′ 35″ E

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

22′
8′
5′

100′ 100′

ROAD WORK AHEAD
W20-1
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

W1-4L
36" x 36"

END ROAD WORK
G20-2
36" x 18"

6TH ST NW
N 0° 03′ 34″ E

ROAD WORK AHEAD
W20-1
36" x 36"

N 454400
E 1306850

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

5TH ST NW
N 0° 02′ 24″ E

END ROAD WORK
G20-2
36" x 18"

N 454200
E 1306850

5TH ST NW
N 0° 02′ 24″ E

ROAD WORK AHEAD
W20-1
36" x 36"

MATCHLINE – STA. 111+50
SEE SHEET MOT-21

MOT–20

20′ 0 20′ 40′
SCALE: 1″=20′

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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.

MAINTENANCE OF TRAFFIC
PHASE 5

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

DIVISION CHIEF

DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	102	150

N

MATCHLINE – STA 111+50
SEE SHEET MOT–20

NEW JERSEY AVE NW

FLORIDA AVE NW

RHODE ISLAND AVE NW

S ST NW

S 61° 23′ 03″ E +50

S 15° 39′ 58″ E

S 89° 54′ 35″ E

N 66° 07′ 44″ E

END ROAD WORK
G20-2
36″ x 18″

W1-4L
36″ x 36″

LEFT LANE CLOSED AHEAD
W20-5
36″ x 36″

ROAD WORK AHEAD
W20-1
36″ x 36″

ROAD WORK AHEAD
W20-1
36″ x 36″

END ROAD WORK
G20-2
36″ x 18″

END ROAD WORK
G20-2
36″ x 18″

ROAD WORK AHEAD
W20-1
36″ x 36″

43 44 45 46

111 112 113 114 115 116

21 22 23 24

+50

8′ 22′ 6.5′

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–21

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 5

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	103	150

N

S ST NW

S 89° 54′ 35″ E

6TH ST NW

N 0° 03′ 34″ E

5TH ST NW

N 0° 02′ 24″ E

N 454400

E 1306550

E 1306850

N 454200

106 107 108 109 110 111

+50

64 63 53 52 51

100′ 100′ 22′

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

W1-4L
36" x 36"

MATCHLINE – STA. 111+50
SEE SHEET MOT–23

MOT–22

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.

MAINTENANCE OF TRAFFIC
PHASE 6

PROJECT ENG. TW
DESIGNED BY IN
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PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	104	150

N

MATCHLINE – STA 111+50
SEE SHEET MOT–22

NEW JERSEY AVE NW

FLORIDA AVE NW

RHODE ISLAND AVE NW

S ST NW

S 89° 54′ 35″ E

S 15° 39′ 58″ E

S 61° 23′ 03″ E

N 66° 07′ 44″ E

END ROAD WORK
G20-2
36″ x 18″

W1-4L
36″ x 36″

LEFT LANE CLOSED AHEAD
W20-5
36″ x 36″

ROAD WORK AHEAD
W20-1
36″ x 36″

ROAD WORK AHEAD
W20-1
36″ x 36″

END ROAD WORK
G20-2
36″ x 18″

END ROAD WORK
G20-2
36″ x 18″

ROAD WORK AHEAD
W20-1
36″ x 36″

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–23

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 6

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

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$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	105	150

N

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

N 454400
E 1306550

6TH ST NW
N 0° 03′ 34″ E

S ST NW
S 89° 54′ 35″ E

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

100′ 100′

25′ 9′

ROAD WORK AHEAD
W20-1
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

W1-4L
36" x 36"

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

N 454200
E 1306850

END ROAD WORK
G20-2
36" x 18"

5TH ST NW
N 0° 02′ 24″ E

ROAD WORK AHEAD
W20-1
36" x 36"

+50 63 64 65 52 53 51

MATCHLINE – STA. 111+50
SEE SHEET MOT–25

MOT–24

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.

MAINTENANCE OF TRAFFIC
PHASE 7

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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$PENTBL.S$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	106	150

N

MATCHLINE – STA 111+50
SEE SHEET MOT-24

NEW JERSEY AVE NW

S 15° 39′ 58″ E

S ST NW

S 89° 54′ 35″ E

FLORIDA AVE NW

S 61° 23′ 03″ E

RHODE ISLAND AVE NW

N 66° 07′ 44″ E

END ROAD WORK
G20-2
36″ x 18″

W1-4L
36″ x 36″

LEFT LANE CLOSED AHEAD
W20-5
36″ x 36″

ROAD WORK AHEAD
W20-1
36″ x 36″

ROAD WORK AHEAD
W20-1
36″ x 36″

END ROAD WORK
G20-2
36″ x 18″

END ROAD WORK
G20-2
36″ x 18″

ROAD WORK AHEAD
W20-1
36″ x 36″

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–25

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 7

DIVISION CHIEF
DATE
FILE
SHEET OF

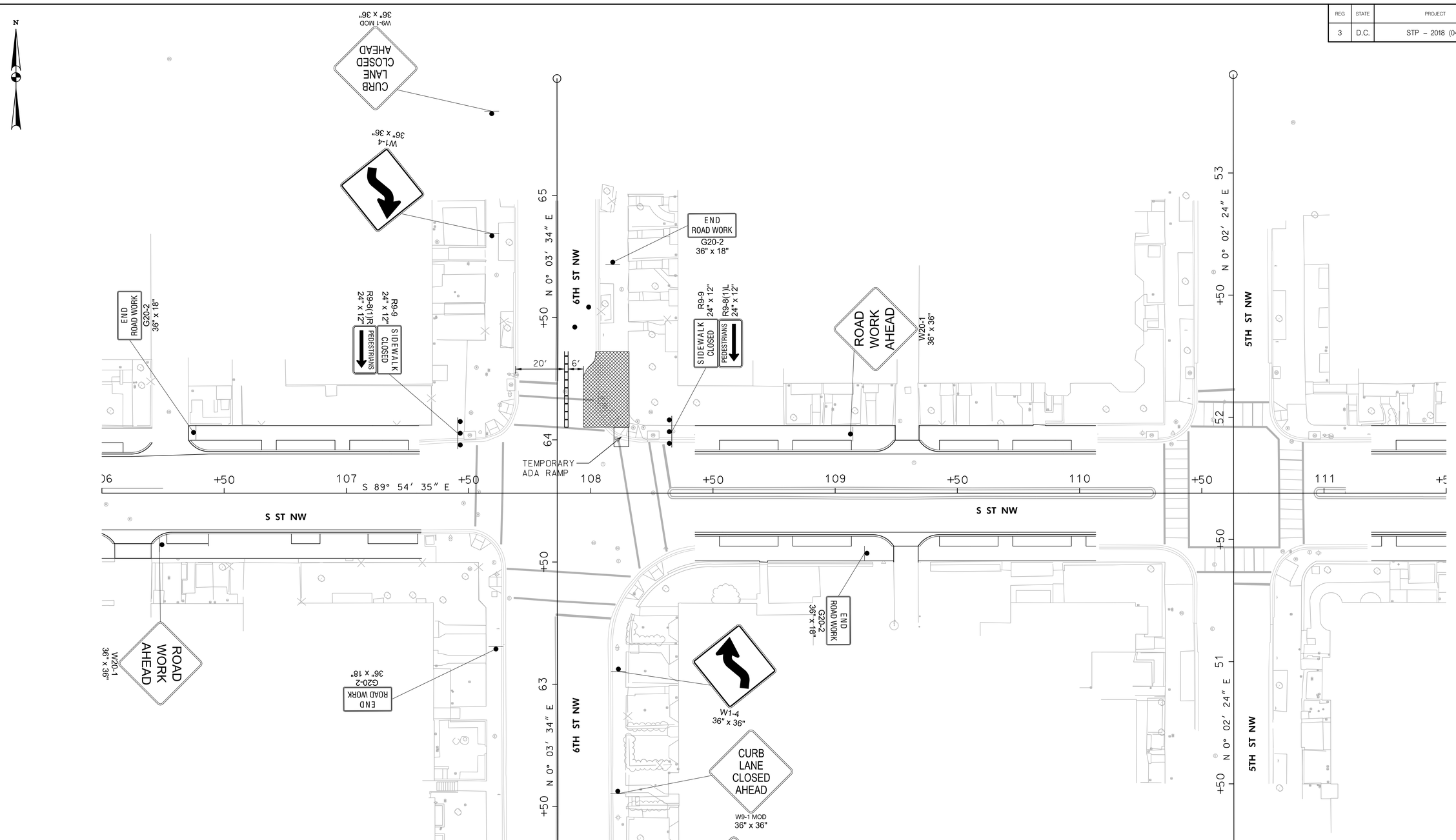
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A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

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$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	107	150



MOT–26

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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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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)	108	150

N

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

END ROAD WORK G20-2 36" x 18"

SIDEWALK CLOSED R9-9 24" x 12"

PEDESTRIANS R9-8(1)L 24" x 12"

W1-4 36" x 36"

WB-1 MOD 36" x 36"

CURB LANE CLOSED AHEAD W20-1 36" x 36"

ROAD WORK AHEAD W20-1 36" x 36"

TEMPORARY ADA RAMP

11′

25′

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

65 64 63 62

53 52 51

20′ 0 20′ 40′

SCALE: 1″=20′

MOT–27

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

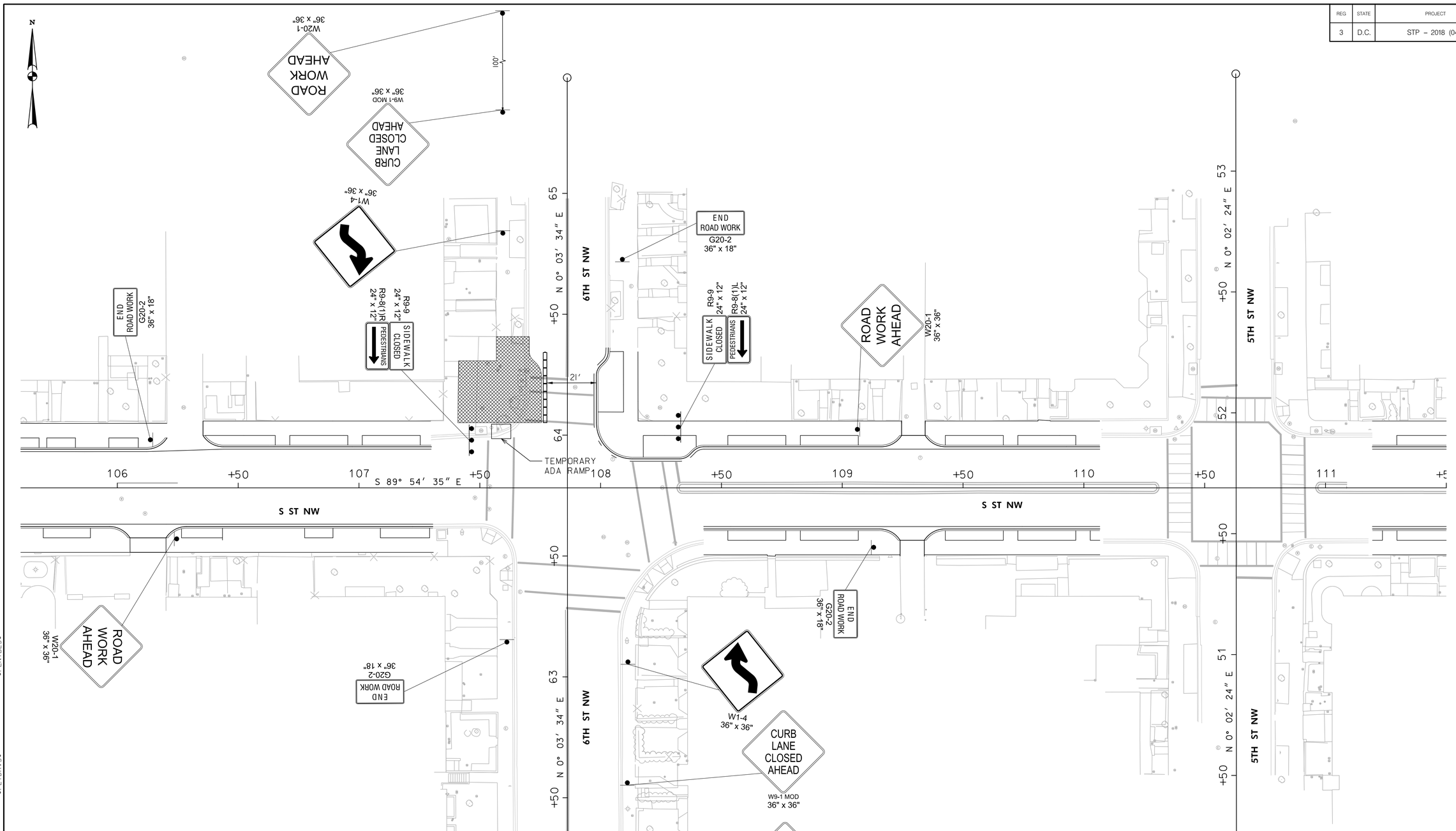
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:32 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	109	150



MOT–28

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	110	150

N

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

SIDEWALK CLOSED R9-9 24" x 12"

PEDESTRIANS R9-8(1)L 24" x 12"

W1-4 36" x 36"

W9-1 MOD 36" x 36"

CURB LANE CLOSED AHEAD

W20-1 36" x 36"

ROAD WORK AHEAD

TEMPORARY ADA RAMP

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

S 89° 54′ 35″ E

N 0° 03′ 34″ E

N 0° 02′ 24″ E

6TH ST NW

5TH ST NW

S ST NW

64 65 +50 63 62 +50 53 52 +50 51 +50

R9-9 24" x 12" SIDEWALK CLOSED

R9-8(1)R 24" x 12" PEDESTRIANS

W1-4 36" x 36"

W9-1 MOD 36" x 36"

CURB LANE CLOSED AHEAD

W20-1 36" x 36"

ROAD WORK AHEAD

END ROAD WORK G20-2 36" x 18"

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–29

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

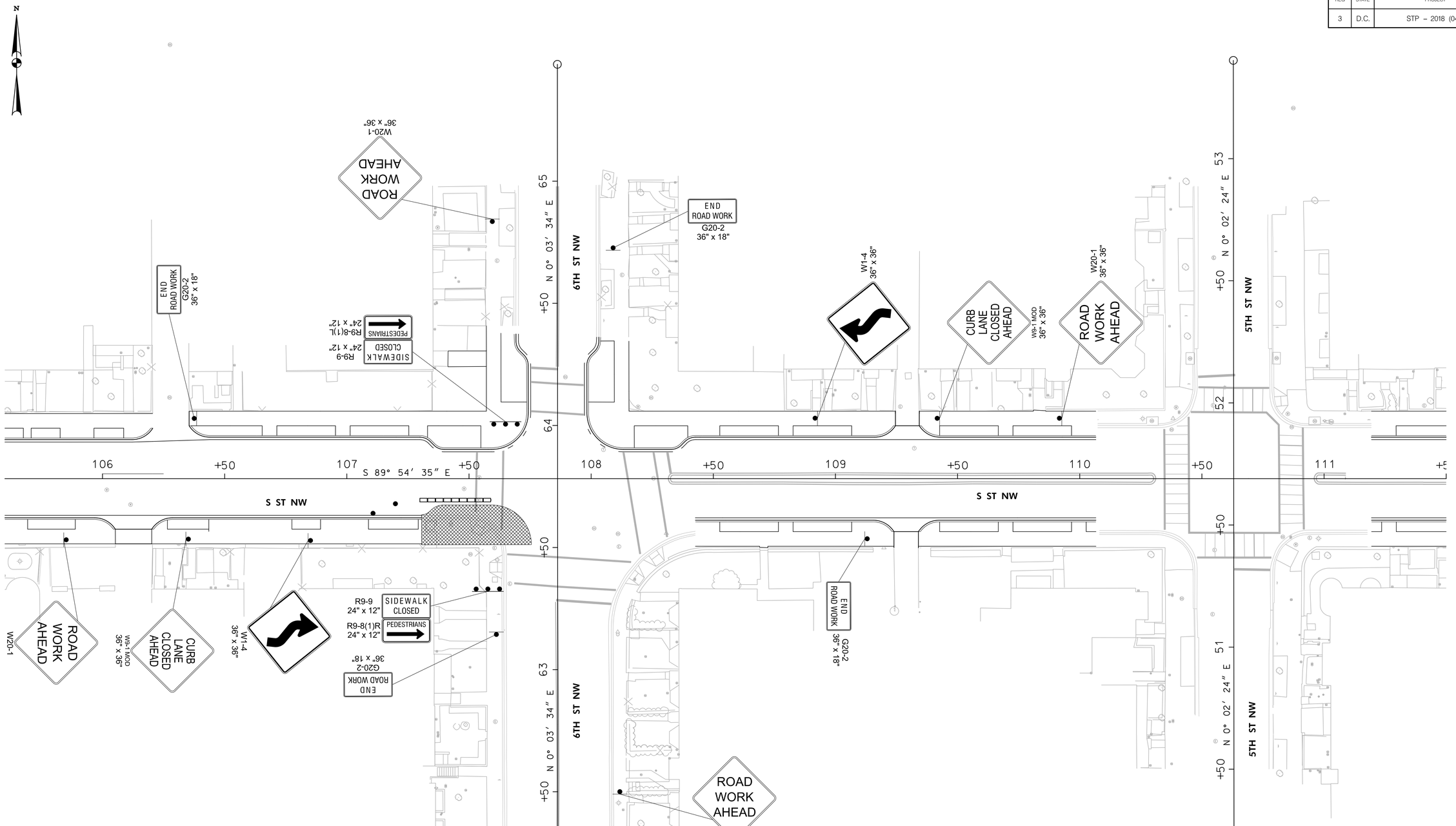
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	111	150



MOT–30

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$PLTDRVS$

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

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

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

MAINTENANCE OF TRAFFIC

DIVISION CHIEF
DATE
FILE
SHEET OF

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)	112	150

N

W20-1
36" x 36"
ROAD WORK AHEAD

W9-1 MOD
36" x 36"
CURB LANE CLOSED AHEAD

W1-4
36" x 36"

END ROAD WORK
G20-2
36" x 18"

106 +50 107 +50 108 +50 109 +50 110 +50 111 +5

S 89° 54′ 35″ E

S ST NW

S ST NW

6TH ST NW

N 0° 03′ 34″ E

64 65 +50

TEMPORARY ADA RAMP

W20-1
36" x 36"
ROAD WORK AHEAD

R9-8(1)L
24" x 12"
PEDESTRIANS

R9-9
24" x 12"
SIDEWALK CLOSED

END ROAD WORK
G20-2
36" x 18"

W1-4
36" x 36"

CURB LANE CLOSED AHEAD

W9-1 MOD
36" x 36"

W20-1
36" x 36"
ROAD WORK AHEAD

END ROAD WORK
G20-2
36" x 18"

R9-9
24" x 12"
SIDEWALK CLOSED

R9-8(1)R
24" x 12"
PEDESTRIANS

W20-1
36" x 36"
ROAD WORK AHEAD

6TH ST NW

N 0° 03′ 34″ E

62 63 +50

5TH ST NW

N 0° 02′ 24″ E

51 52 53 +50

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–31

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	113	150

N

ROAD WORK AHEAD
W20-1
36" x 36"

W9-1 MOD
36" x 36"

CURB LANE CLOSED AHEAD
W1-4
36" x 36"

END ROAD WORK
G20-2
36" x 18"

6TH ST NW

N 0° 03′ 34″ E

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

S 89° 54′ 35″ E

S ST NW

TEMPORARY ADA RAMP

20′

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)R
24" x 12"

W1-4
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

65 64 63 62

+50

5TH ST NW

N 0° 02′ 24″ E

53 52 51

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–32

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	114	150

N

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

END ROAD WORK G20-2 36" x 18"

W1-4 36" x 36"

W9-1 MOD 36" x 36"

CURB LANE CLOSED AHEAD W20-1 36" x 36"

ROAD WORK AHEAD W20-1 36" x 36"

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

64 65 +50

52 53 +50

TEMPORARY ADA RAMP

20′

SIDEWALK CLOSED R9-9 24" x 12"

PEDESTRIANS R9-8(1)L 24" x 12"

W1-4 36" x 36"

CURB LANE CLOSED AHEAD W9-1 MOD 36" x 36"

ROAD WORK AHEAD W20-1 36" x 36"

SIDEWALK CLOSED R9-9 24" x 12"

PEDESTRIANS R9-8(1)R 24" x 12"

END ROAD WORK G20-2 36" x 18"

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

63 62 +50

51 +50

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–33

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	115	150

N

6TH ST NW

N 0° 03′ 34″ E

WILTBERGER ST NW

5TH ST NW

N 0° 02′ 24″ E

NEW JERSEY AVE NW

S 15° 39′ 58″ E

S ST NW

S 89° 54′ 35″ E

N 454400

E 1306800

E 1307150

N 454150

E 1306800

ROAD WORK AHEAD
W20-1
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

W11-4
36" x 36"

END ROAD WORK
G20-2
36" x 18"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)R
24" x 12"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

TEMPORARY ADA RAMP

24′

108 +50 109 +50 110 +50 111 +50 112 +50 113 +50

43 44 45

63 64 65

51 52 53

+50

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–34

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$PLTDRVS$

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

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

MAINTENANCE OF TRAFFIC

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

DIVISION CHIEF
DATE
FILE
SHEET OF

AMT
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)	116	150

N

6TH ST NW

N 0° 03′ 34″ E

S ST NW

S 89° 54′ 35″ E

5TH ST NW

N 0° 02′ 24″ E

NEW JERSEY AVE NW

S 15° 39′ 58″ E

N 454400
E 1306800

N 454400
E 1307150

N 454150
E 1306800

ROAD WORK AHEAD
W20-1
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

W1-4
36" x 36"

END ROAD WORK
G20-2
36" x 18"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(L)R
24" x 12"

PEDESTRIANS
R9-8(L)L
24" x 12"

100′

20′

5′

TEMPORARY ADA RAMP

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–35

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:32 PM
$PENTBL$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	117	150

N

6TH ST NW

N 0° 03′ 34″ E

S ST NW

5TH ST NW

N 0° 02′ 24″ E

S 89° 54′ 35″ E

NEW JERSEY AVE NW

S 15° 39′ 58″ E

N 454400

E 1306800

E 1307150

N 454150

100′

20′

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK
W20-1
36" x 36"

W1-4
36" x 36"

END ROAD WORK
G20-2
36" x 18"

R9-9
24" x 12"

R9-8(1)R
24" x 12"

SIDEWALK CLOSED
PEDESTRIANS

R9-8(1)L
24" x 12"

TEMPORARY ADA RAMP

MOT–36

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

20′ 0 20′ 40′
SCALE: 1″=20′

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	118	150

N

6TH ST NW

N 0° 03′ 34″ E

5TH ST NW

N 0° 02′ 24″ E

S ST NW

S 89° 54′ 35″ E

NEW JERSEY AVE NW

S 15° 39′ 58″ E

N 454400
E 1306800

N 454400
E 1307150

N 454150
E 1306800

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

W1-4
36" x 36"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

TEMPORARY ADA RAMP

7′

24′

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–37

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$PENTBL$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	119	150

N

6TH ST NW

N 0° 03′ 34″ E

5TH ST NW

N 0° 02′ 24″ E

S ST NW

S 89° 54′ 35″ E

NEW JERSEY AVE NW

S 15° 39′ 58″ E

N 454400
E 1306800

N 454400
E 1307150

E 1306800
N 454150

ROAD WORK AHEAD
W20-1
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

W1-4
36" x 36"

END ROAD WORK
G20-2
36" x 18"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

TEMPORARY ADA RAMP

20′

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–38

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
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PROJECT MGR. LM

MAINTENANCE OF TRAFFIC

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	120	150

N

6TH ST NW

N 0° 03′ 34″ E

5TH ST NW

N 0° 02′ 24″ E

S ST NW

S 89° 54′ 35″ E

NEW JERSEY AVE NW

S 15° 39′ 58″ E

+50

108 109 110 111 112 113

43 44 45

64 63 62 52 51 21

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

100′

W1-4
36" x 36"

N 454400
E 1306800

END ROAD WORK
G20-2
36" x 18"

N 454400
E 1307150

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

TEMPORARY ADA RAMP

5′

20′

PEDESTRIANS
R9-8(1)L
24" x 12"

SIDEWALK CLOSED
R9-9
24" x 12"

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)R
24" x 12"

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

W1-4
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

E 1306800
N 454150

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–39

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

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Wednesday, April 14, 2021 AT 03:32 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	121	150

N

6TH ST NW

N 0° 03′ 34″ E

5TH ST NW

N 0° 02′ 24″ E

NEW JERSEY AVE NW

S 15° 39′ 58″ E

S ST NW

S 89° 54′ 35″ E

TEMPORARY ADA RAMP

N 454400
E 1306800

N 454400
E 1307150

N 454150
E 1306800

END ROAD WORK
G20-2
36" x 18"

W1-4
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

100'

SIDEWALK CLOSED
R9-9
24" x 12"

PEDESTRIANS
R9-8(1)L
24" x 12"

PEDESTRIANS
R9-8(1)R
24" x 12"

20'

20′ 0 20′ 40′
SCALE: 1"=20'

MOT–40

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

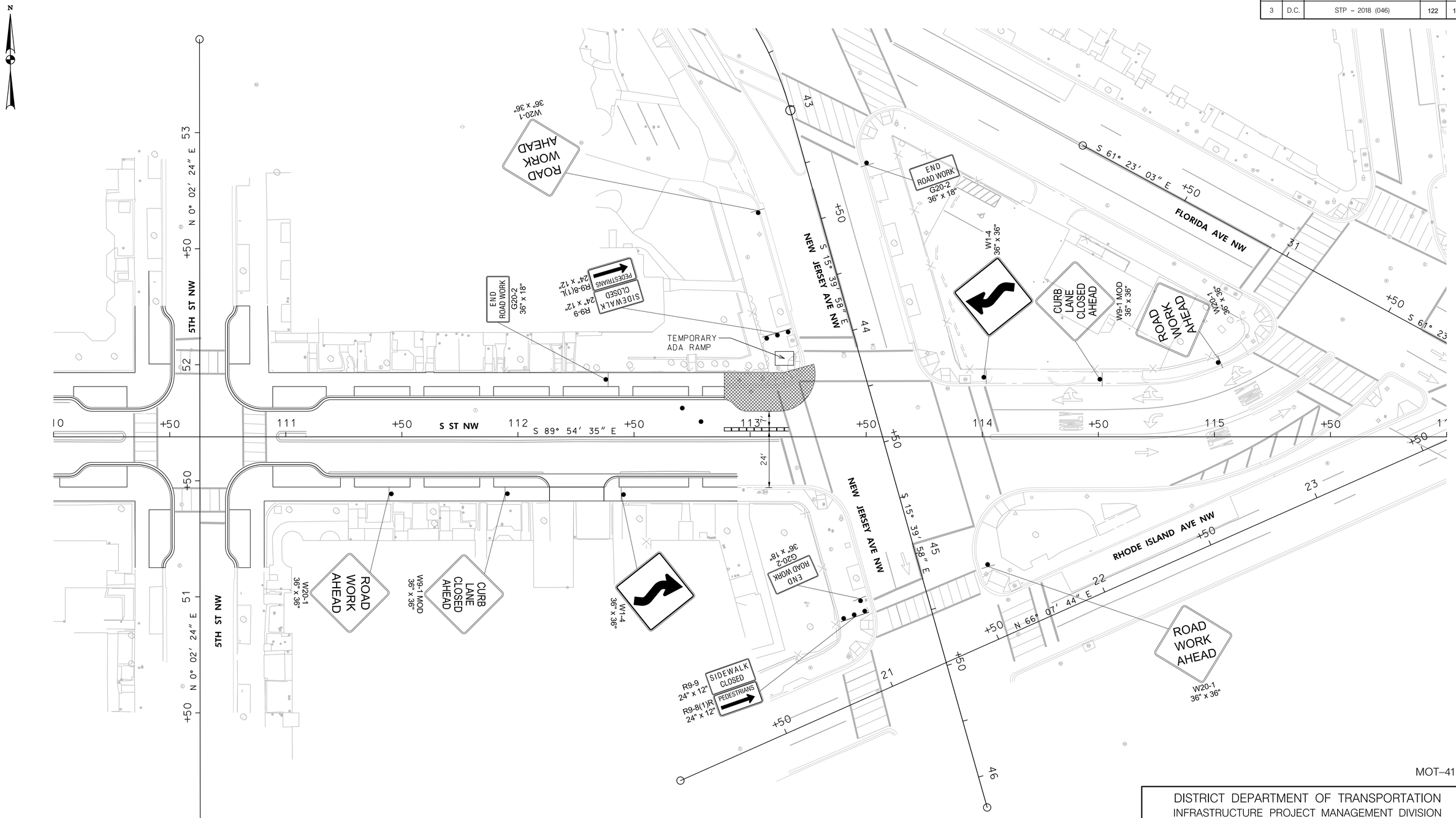
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:32 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	122	150



MOT–41

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

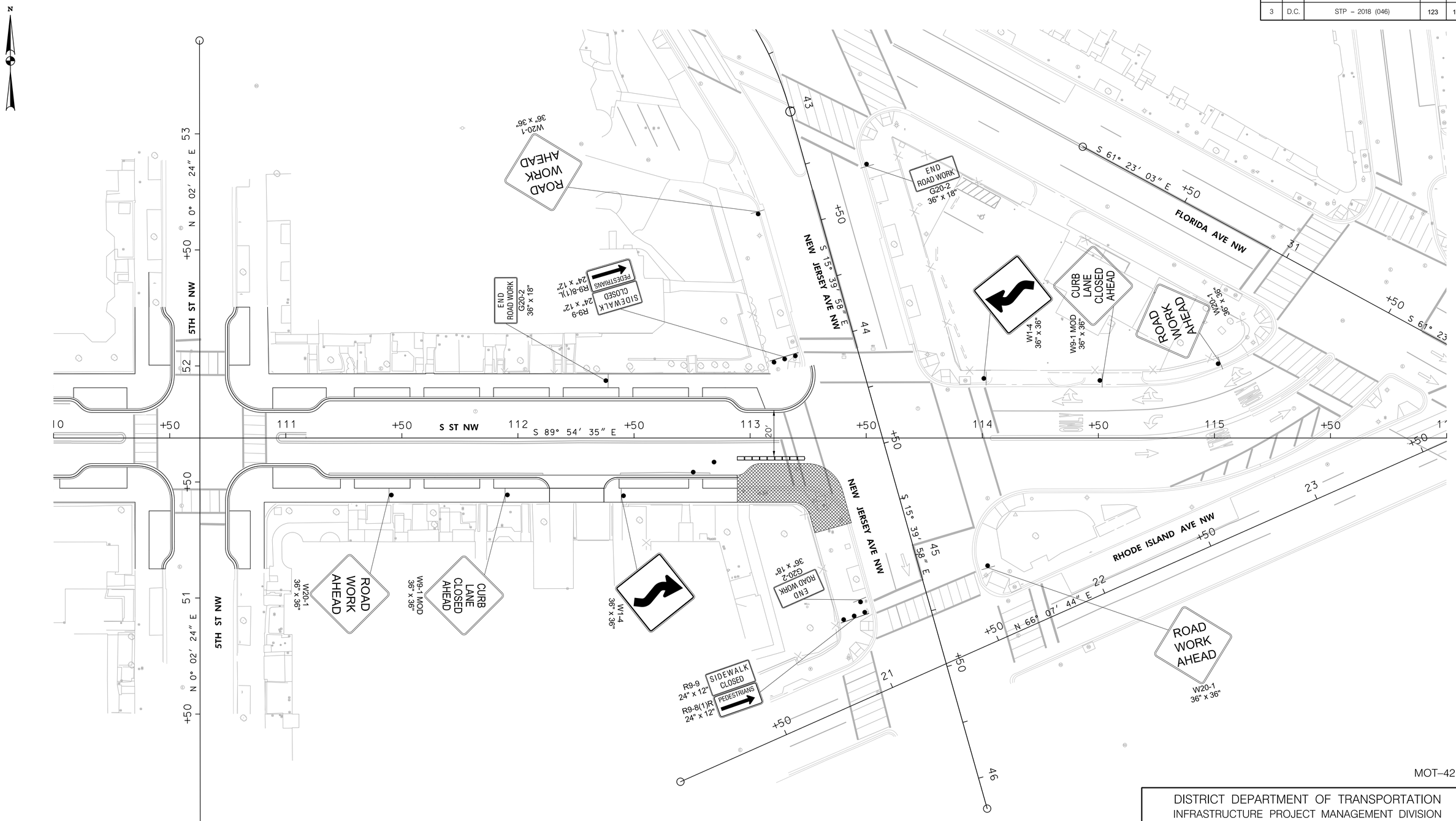
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:32 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	123	150



MOT–42

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:32 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	124	150

N

W20-1 36" x 36" ROAD WORK AHEAD

END ROAD WORK G20-2 36" x 18"

S 6° 51' 49" E

S 67° 23' 03" E

100'

100'

W20-1 36" x 36" ROAD WORK AHEAD

W20-3 36" x 36" ROAD CLOSED AHEAD

W1-4L 36" x 36"

S 61° 23' 03" E +50

24' +50

S 28° 36' 57" E

W20-1 36" x 36" ROAD WORK AHEAD

N 0° 02' 24" E +50

5TH ST NW

END ROAD WORK G20-2 36" x 18"

S ST NW

S 89° 54' 35" E

ROAD WORK AHEAD W20-1 36" x 36"

W20-1 36" x 36" ROAD WORK AHEAD

END ROAD WORK G20-2 36" x 18"

S 15° 39' 58" E

N 66° 07' 44" E +50

ROAD WORK AHEAD W20-1 36" x 36"

END ROAD WORK G20-2 36" x 18"

+50 S 61° 23' 03" E 32

N 66° 07' 44" E +50

MOT–43

30' 0 30' 60'

SCALE: 1"=30'

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

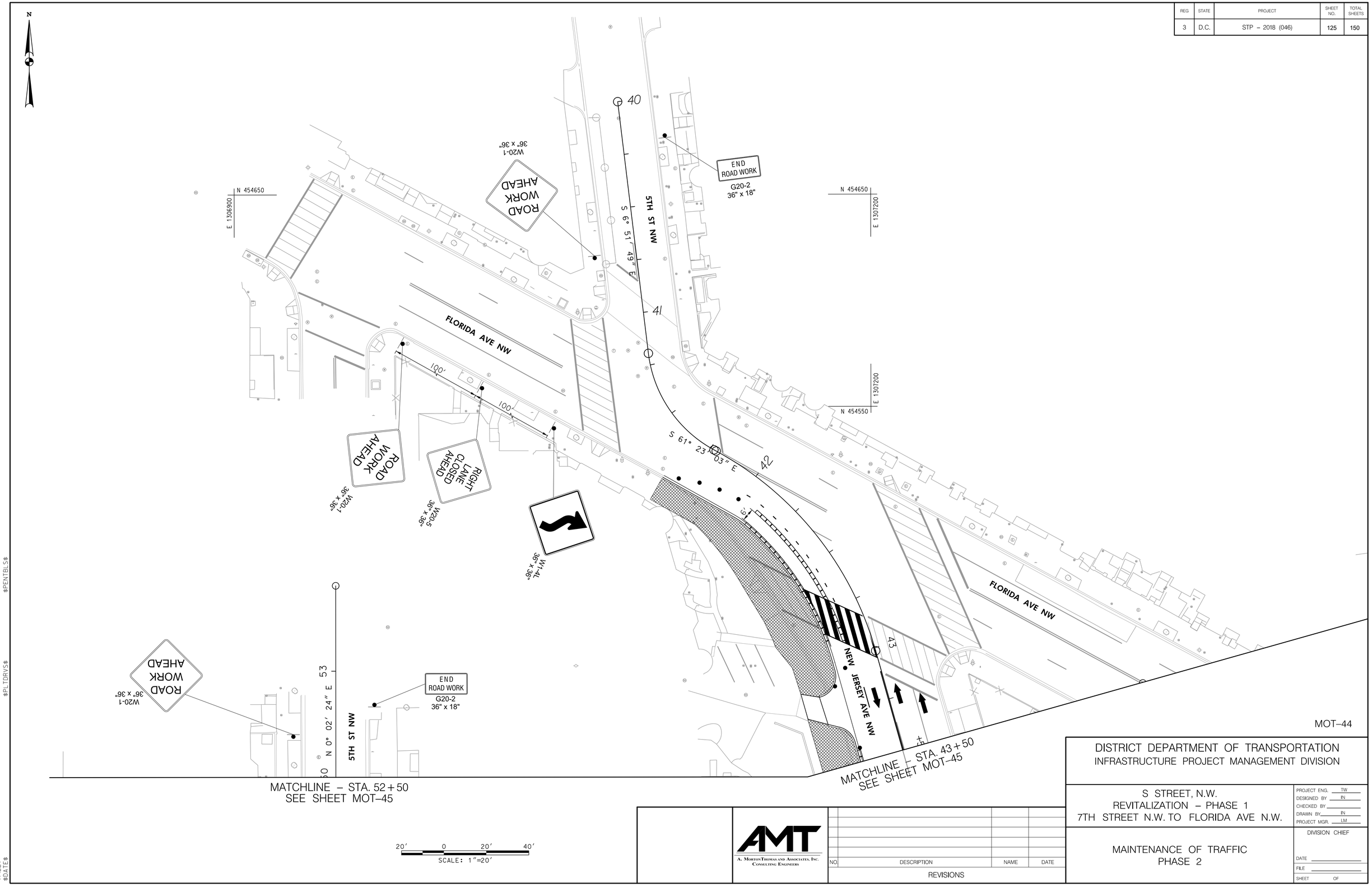
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:33 PM
$PLTDRVS$
$PENTBLS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	125	150



MOT–44

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 2

DIVISION CHIEF
DATE
FILE
SHEET OF

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)	126	150

N

N 454400
E 1306850

MATCHLINE – STA. 52+50
SEE SHEET MOT–44

N 454400
E 1307150

MATCHLINE – STA. 43+50
SEE SHEET MOT–44

5TH ST NW

S ST NW

110 111 112 113 114 115

S 89° 54′ 35″ E

S 61° 23′ 03″ E

FLORIDA AVE NW

NEW JERSEY AVE NW

S 15° 39′ 58″ E

N 0° 02′ 24″ E

N 66° 07′ 44″ E

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

#04

#05

12′ 12′ 12′ 6′

44 45 46 51 22 23 21

+50

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–45

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

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.

MAINTENANCE OF TRAFFIC
PHASE 2

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

DIVISION CHIEF

DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	127	150

N

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

W1-4R
36" x 36"

100'

100'

N 454650
E 1306900

40

5TH ST NW

S 6° 51' 49" E

N 454650
E 1307200

END ROAD WORK
G20-2
36" x 18"

41

FLORIDA AVE NW

N 454550
E 1307200

S 61° 23' 03" E

42

ROAD WORK AHEAD
W20-1
36" x 36"

FLORIDA AVE NW

NEW JERSEY AVE NW

11'

11'

11'

43

53

N 0° 02' 24" E

5TH ST NW

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

MATCHLINE – STA. 52+50
SEE SHEET MOT–47

MATCHLINE – STA. 43+50
SEE SHEET MOT–47

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

MOT–46

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBL$
$PLTDRV$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	128	150

N

N 454400
E 1306850

MATCHLINE – STA. 52+50
SEE SHEET MOT–46

N 454400
E 1307150

MATCHLINE – STA. 43+50
SEE SHEET MOT–46

5TH ST NW

S ST NW

110 111 112 113 114 115

S 89° 54′ 35″ E

S 61° 23′ 03″ E

FLORIDA AVE NW

NEW JERSEY AVE NW

S 15° 39′ 58″ E

N 0° 02′ 24″ E

N 66° 07′ 44″ E

#04 #05

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

W1-4R
36" x 36"

LEFT LANE CLOSED AHEAD
W20-5
36" x 36"

R11-2
48" x 30"

11′ 15′ 11′ 39′ 44′ 51 45 22 23 21 46 +50 100′

20′ 0 20′ 40′
SCALE: 1"=20′

MOT–47

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

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.

MAINTENANCE OF TRAFFIC
PHASE 3

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

DIVISION CHIEF
DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	129	150

N

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

END ROAD WORK
G20-2
36" x 18"

ROAD WORK AHEAD
W20-1
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

END ROAD WORK
G20-2
36" x 18"

W1-4L
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

RIGHT LANE CLOSED AHEAD
W20-5
36" x 36"

N 454400
E 1306850

N 454400
E 1307150

N 454200
E 1307150

N 0° 02′ 24″ E
+50
53
51

S 89° 54′ 35″ E

S 61° 23′ 03″ E

S 15° 39′ 58″ E

N 66° 07′ 44″ E

S ST NW
110
111
112
113

5TH ST NW

FLORIDA AVE NW

NEW JERSEY AVE NW

114
115

#04
#05

+50
11′
10′
44
45
46
51
23
22
21
20′

20′ 0 20′ 40′
SCALE: 1″=20′

MOT–48

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

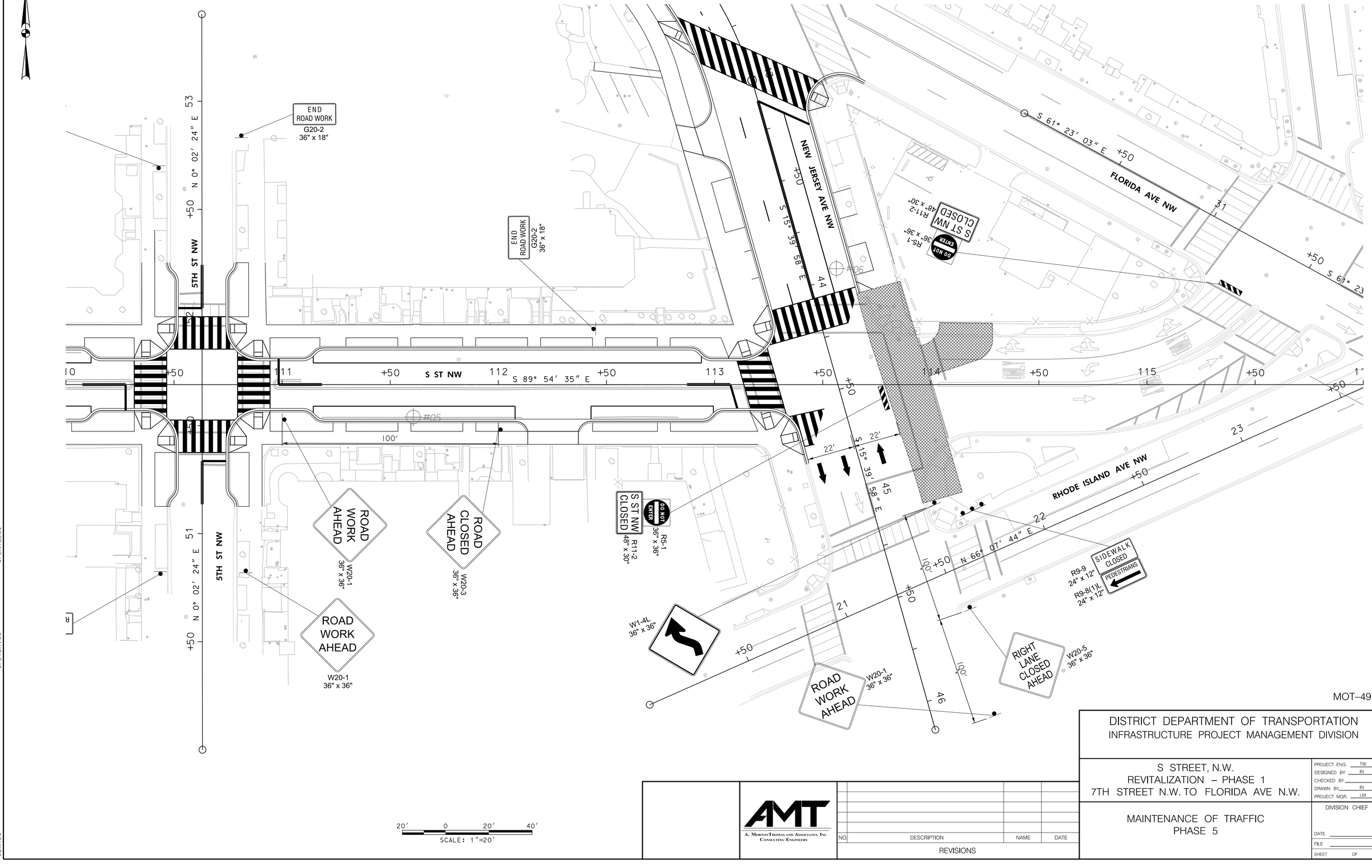
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	130	150



MOT–49

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 5

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 OF

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	131	150

N

RHODE ISLAND AVE NW

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

S ST NW

+50 107 S 89° 54′ 35″ E +50

END ROAD WORK G20-2 36" x 18"

W1-4L 36" x 36"

W20-5 36" x 36"

W20-1 36" x 36"

RIGHT LANE CLOSED AHEAD

ROAD WORK AHEAD

100′ 100′ 100′

+50 N 0° 03′ 34″ E 61 +50 62 +50 N 0° 03′ 34″ E 63

6TH ST NW

22′

+50 N 0° 03′ 34″ E 65

6TH ST NW

RHODE ISLAND AVE NW

ROAD WORK AHEAD W20-1 36" x 36"

S ST NW

+50 109 +50

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

END ROAD WORK G20-2 36" x 18"

20′ 0 20′ 40′

SCALE: 1″=20′

MOT–50

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	132	150

N

RHODE ISLAND AVE NW

END ROAD WORK G20-2 36" x 18"

+50 N 0° 03′ 34" E 61

+50 62

+50 N 0° 03′ 34" E 63

6TH ST NW

6′ 11′ 11′ 6′

S ST NW

+50

107

S 89° 54′ 35" E

+50

ROAD WORK AHEAD W20-1 36" x 36"

END ROAD WORK G20-2 36" x 18"

W1-4L 36" x 36"

W20-5 36" x 36"

RIGHT LANE CLOSED AHEAD

W20-1 36" x 36"

ROAD WORK AHEAD

100′ 100′ 100′

+50 N 0° 03′ 34" E 65

6TH ST NW

100′ 100′ 100′

ROAD WORK AHEAD W20-1 36" x 36"

RHODE ISLAND AVE NW

W1-4R 36" x 36"

LEFT LANE CLOSED AHEAD W20-5 36" x 36"

+50

S ST NW

109

+50

END ROAD WORK G20-2 36" x 18"

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–51

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

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.

MAINTENANCE OF TRAFFIC

PROJECT ENG. TW
DESIGNED BY IN
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PROJECT MGR. LM

DIVISION CHIEF
DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	133	150

N

RHODE ISLAND AVE NW

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

S ST NW

+50 107 S 89° 54′ 35″ E +50

END ROAD WORK G20-2 36" x 18"

W1-4R 36" x 36"

W20-5 36" x 36"

ROAD WORK AHEAD W20-1 36" x 36"

+50 N 0° 03′ 34″ E 61 +50 62 +50 N 0° 03′ 34″ E 63 +50

13′ 12′ 12′ 12′ 13′ 11′

6TH ST NW

100′ 100′ 100′ 100′ 100′ 100′

+50 N 0° 03′ 34″ E 65

6TH ST NW

RHODE ISLAND AVE NW

ROAD WORK AHEAD W20-1 36" x 36"

W1-4R 36" x 36"

LEFT LANE CLOSED AHEAD W20-5 36" x 36"

END ROAD WORK G20-2 36" x 18"

S ST NW

+50 109 +50

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–52

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

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

DIVISION CHIEF
DATE
FILE
SHEET OF

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)	134	150

N

RHODE ISLAND AVE NW

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

S ST NW

+50

107

S 89° 54′ 35″ E

+50

ROAD WORK AHEAD W20-1 36" x 36"

END ROAD WORK G20-2 36" x 18"

W1-4L 36" x 36"

W20-5 36" x 36"

W20-1 36" x 36"

RIGHT LANE CLOSED AHEAD

ROAD WORK AHEAD

100′ 100′ 100′

+50 N 0° 03′ 34″ E 61

23.5′

+50 6TH ST NW 62

23.5′

+50 N 0° 03′ 34″ E 63

+50

100′ 100′ 100′

+50 N 0° 03′ 34″ E 65

6TH ST NW

RHODE ISLAND AVE NW

ROAD WORK AHEAD W20-1 36" x 36"

W1-4L 36" x 36"

LEFT LANE CLOSED AHEAD W20-5 36" x 36"

+50

109

+50

S ST NW

END ROAD WORK G20-2 36" x 18"

END ROAD WORK G20-2 36" x 18"

ROAD WORK AHEAD W20-1 36" x 36"

20′ 0 20′ 40′

SCALE: 1"=20′

MOT–53

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

PROJECT ENG. TW
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DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	135	150

N

E 1306550
N 454000

E 1306550
N 454150

S ST NW

+50
107
S 89° 54′ 35″ E
+50

END ROAD WORK
G20-2
36" x 18"

RHODE ISLAND AVE NW

R9-9
24" x 12"
SIDEWALK CLOSED
PEDESTRIANS
R9-8(1)R
24" x 12"

W1-4
36" x 36"

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

+50 N 0° 03′ 34″ E 61 +50 62 +50 N 0° 03′ 34″ E 63 +50 64 +50 N 0° 03′

24′
7′

6TH ST NW

TEMPORARY ADA RAMP

SIDEWALK CLOSED R9-9 24" x 12"
PEDESTRIANS R9-8(1)L 24" x 12"

RHODE ISLAND AVE NW

END ROAD WORK
G20-2
36" x 18"

N 454150
E 1306750

S ST NW

108
+50
109

CURB LANE CLOSED AHEAD
W9-1 MOD
36" x 36"

ROAD WORK AHEAD
W20-1
36" x 36"

MOT–55

20′ 0 20′ 40′
SCALE: 1"=20′

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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

DIVISION CHIEF
DATE
FILE
SHEET OF

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	136	150

N

E 1306550
N 454000

E 1306550
N 454150

S ST NW

+50 107 S 89° 54′ 35″ E +50

END ROAD WORK G20-2 36" x 18"

RHODE ISLAND AVE NW

SIDEWALK CLOSED / PEDESTRIANS R9-9 24" x 12" / R9-8(1)R 24" x 12"

TEMPORARY ADA RAMP

W1-4 36" x 36"

CURB LANE CLOSED AHEAD W9-1 MOD 36" x 36"

ROAD WORK AHEAD W20-1 36" x 36"

+50 61 +50 62 +50 N 0° 03′ 34″ E 63 +50 N 0° 03′ 34″ E

20′

6TH ST NW

SIDEWALK CLOSED R9-9 24" x 12"

PEDESTRIANS R9-8(1)L 24" x 12"

RHODE ISLAND AVE NW

END ROAD WORK G20-2 36" x 18"

N 454150

E 1306750

S ST NW

+50 108 +50 109

W20-1 36" x 36"

W1-4 36" x 36"

ROAD WORK AHEAD

MOT–56

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.

MAINTENANCE OF TRAFFIC

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

DIVISION CHIEF
DATE
FILE
SHEET OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	137	150

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

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.

EROSION AND SEDIMENT CONTROL NOTES

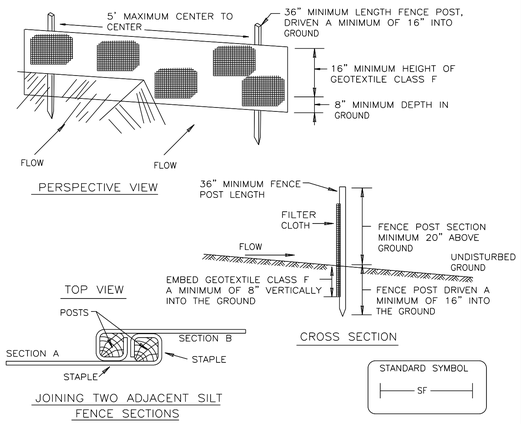
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DIVISION CHIEF
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DETAIL 4 – SILT FENCE



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:

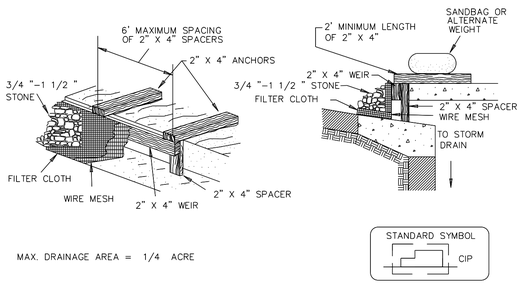
Tensile Strength	50 lbs/in (min.)	Test: ASTM D–4595
Tensile Modulus	20 lbs/in (min.)	Test: ASTM D–4595
Flow Rate	0.3 gal/ft²/minute (max.)	Test: ASTM D–5141
Filtering Efficiency	75% (min.)	Test: ASTM D–5141

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
CIP

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.

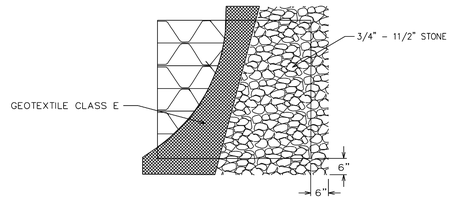
6. Form the 1/2 " x 1/2 " wire mesh and the geotextile fabric to the concrete gutter and against the face of the curb on both sides of the inlet. Place clean 3/4 " x 1 1/2 " stone over the wire mesh and geotextile in such a manner to prevent water from entering the inlet under or around the geotextile.

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

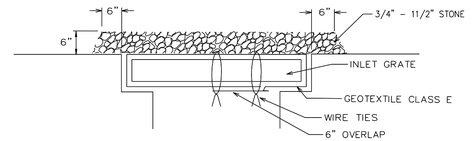
8. Assure that storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

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DETAIL 6B – AT GRADE INLET PROTECTION



PLAN/CUT AWAY VIEW



STANDARD SYMBOL
AGIP

CROSS SECTION

MAX. DRAINAGE AREA = 1/4 ACRE

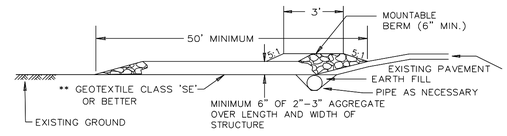
Construction Specifications

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

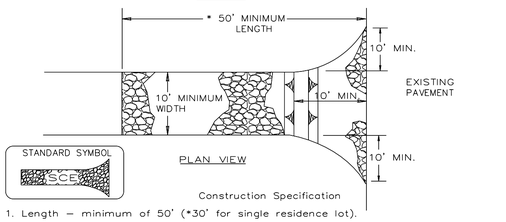
2. Place 3/4" to 11/2" stone, 4"–6" thick on the grate to secure the fabric and provide additional filtration.

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



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.

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NOTE:
SEE LANDSCAPING PLANS FOR TREE PROTECTION DETAILS.

NOT TO SCALE

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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.

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

EROSION AND SEDIMENT CONTROL DETAILS

DIVISION CHIEF
DATE
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SHEET OF

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N

POT Sta. 73+45.22

POT Sta. 100+00.00

POT Sta. 70+00.00

S ST NW POT STA. 102+12.02 =
7TH ST NW POT STA. 71+59.25

MATCHLINE – STA. 105+50
SEE SHEET ES-02

ES-01

LOT 805 · LOT 55 · LOT 803 · LOT 802 · R.O.W. · 9.667' WIDE PUBLIC ALLEY

SQUARE 0417 · LOT 39 · LOT 38 · LOT 37 · LOT 36 · LOT 35 · LOT 34 · 10' WIDE PUBLIC ALLEY

SQUARE 0417 · LOT 53 · INBOUND TRACK CENTERLINE · OUTBOUND TRACK CENTERLINE

WMATA P.S.E. · LOT 858 · WMATA P.S.E. · WMATA P.U.E. · LOT 859 · WMATA P.S.E.

SQUARE 0441 · LOT 99 · SQUARE 0441 · LOT 99 · SQUARE 0441 · LOT 101

15' WIDE PUBLIC ALLEY · LOT 88 · LOT 87 · LOT 86 · LOT 85 · LOT 84 · LOT 83 · LOT 82 · LOT 81 · LOT 80

127TH ST NW (85' WIDE PUBLIC STREET) TWO-WAY TRAFFIC · N 0° 01' 39" E 73

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

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

S ST NW (90' WIDE PUBLIC STREET) TWO-WAY TRAFFIC

7TH ST NW (85' WIDE PUBLIC STREET) TWO-WAY TRAFFIC · N 0° 01' 39" E 71

SQUARE 0419 · LOT 34 · 16' WIDE PUBLIC ALLEY · LOT 32 · LOT 824 · SQUARE 0419 · LOT 36

SQUARE 0442 · LOT 114 · LOT 110 · LOT 810 · LOT 88 · LOT 105 · LOT 92 · 15' WIDE PUBLIC ALLEY

EX-5 · EX-6 · EX-44 · I-1 · I-2 · I-3 · I-4 · I-20 · 116 · 100 · 101 · 102 · 103 · 104 · 105

AGIP · LOD · WMATA ROW · ALLEY · TRACK

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'

A. MORTON THOMAS AND ASSOCIATES, INC.
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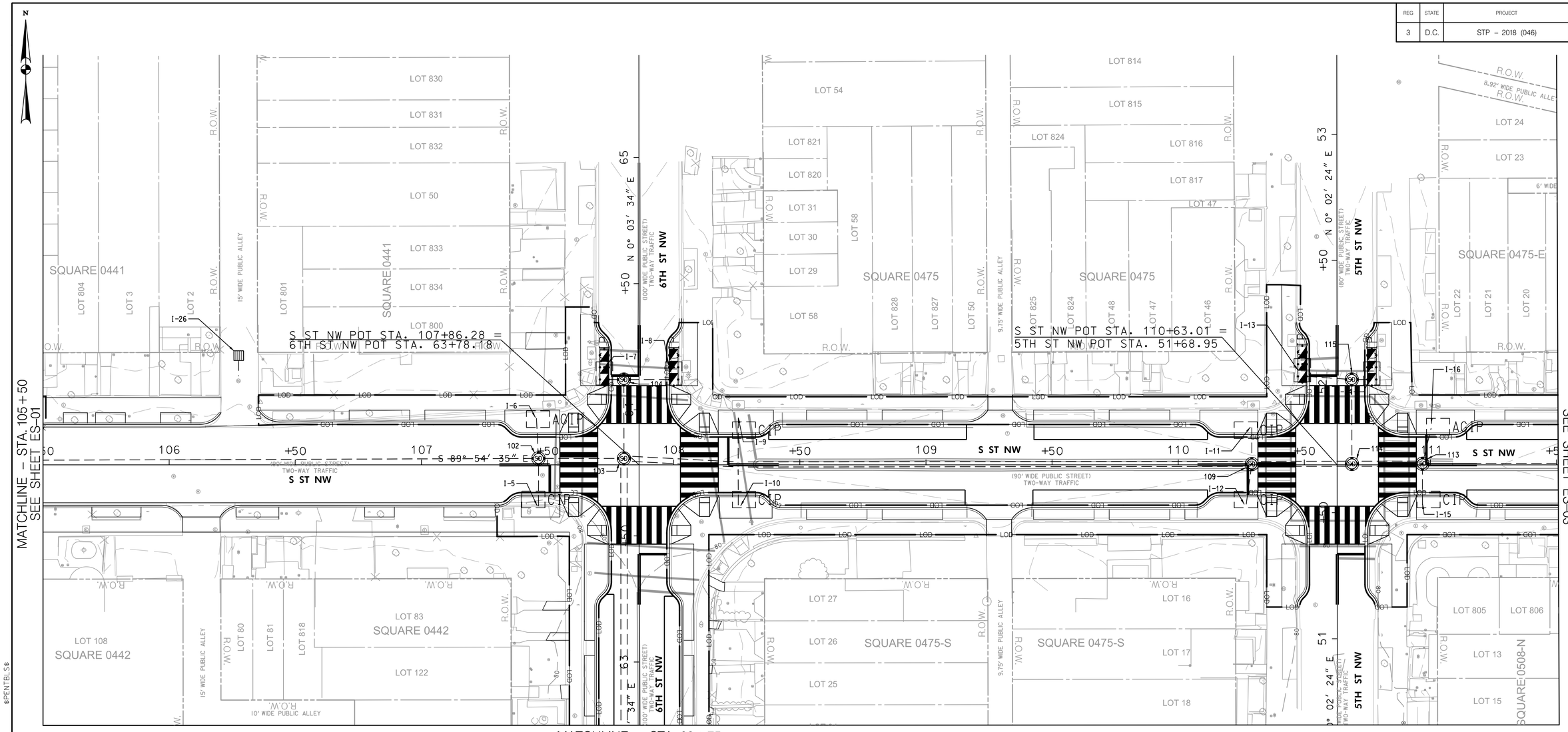
EROSION AND SEDIMENT PLAN

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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–02

DISTRICT DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT DIVISION

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LEGEND

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

CURVE NJ01
S 61° 23' 03" E 42'
POT Sta. 41+76.58
POT Sta. 41+77.78
CURVE NJ02
POT Sta. 43+01.46
POT Sta. 30+00.00
S 61° 23' 03½" E +50
FLORIDA AVE NW
(80' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
NEW JERSEY AVE NW
(80' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
S 15° 39' 58" E 391.45'
S ST NW POT STA. 113+57.05 =
NEW JERSEY AVE NW POT STA. 45+47.67
S 89° 54' 35" E +50
S ST NW
(90' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
RHODE ISLAND AVE NW
(130' WIDE PUBLIC STREET) TWO-WAY TRAFFIC
S 15° 39' 58" E 45'
N 66° 07' 44" E 22'
S 61° 23' 03" E 32'
N 66° 07' 44" E +50
POT Sta. 24+78.
RHODE ISLAND AVE NW POT STA. 24+07.43
FLORIDA AVE NW POT STA. 32+26.55
S ST NW POT ST'
FLORIDA AVE NW POT
RHODE ISLAND AVE NW POT STA. 21+25.29 =
NEW JERSEY AVE NW POT STA. 45+48.72
MATCHLINE – STA. 111+50
SEE SHEET ES-02
SQUARE 0475-E
LOT 31
SQUARE 3094
SQUARE 3095
LOT 821
U.S. RES. 160
SQUARE 0475-E
LOT 814
RE\0508-N
R.O.W.
8.92' WIDE PUBLIC ALLEY
15' WIDE PUBLIC ALLEY
I-19
I-18
I-17
EX-81
EX-76
20' 0 20' 40'
SCALE: 1"=20'

ES-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.

EROSION AND SEDIMENT PLAN

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

DIVISION CHIEF
DATE
FILE
SHEET OF

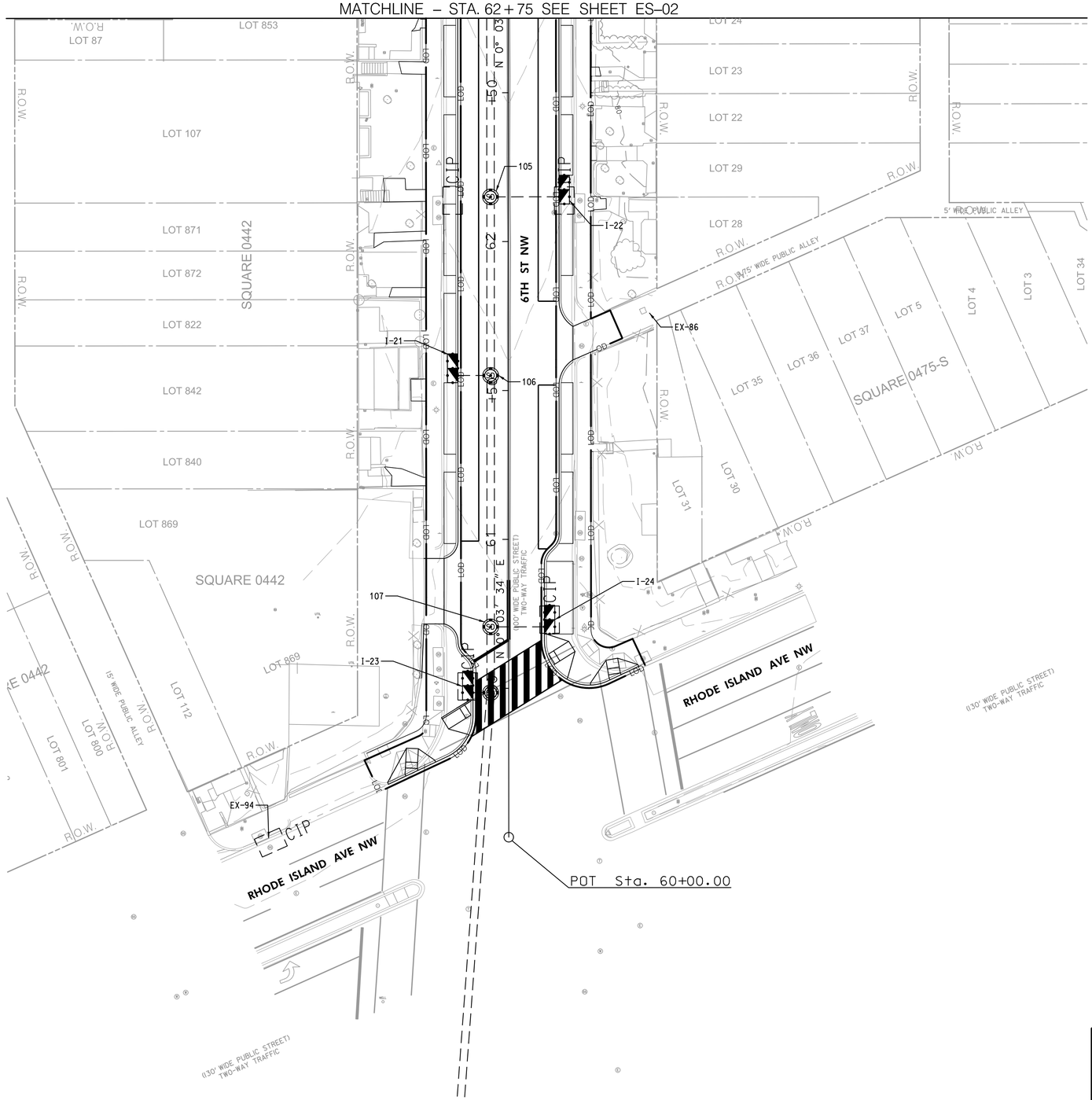
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:25 PM
$PENTBLS$
$PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	STP – 2018 (046)	142	150



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-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 OF

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

NO.	DESCRIPTION	NAME	DATE

REVISIONS

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Wednesday, April 14, 2021 AT 03:25 PM
$PENTBL$
$PLTDRV$

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		143	150

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

INSTALLATION NOTES:

A. INSTALL PROPOSED 20-FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE AND AN UPRIGHT LUMINAIRE ON A TEMPORARY, PORTABLE, CONCRETE BASE.

B. INSTALL PROPOSED 20-FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE ON A TEMPROARY, PORATBLE, CONCRETE BASE.

C. INSTALL RELOCATED LED TRAFFIC SIGNAL HEAD(S)

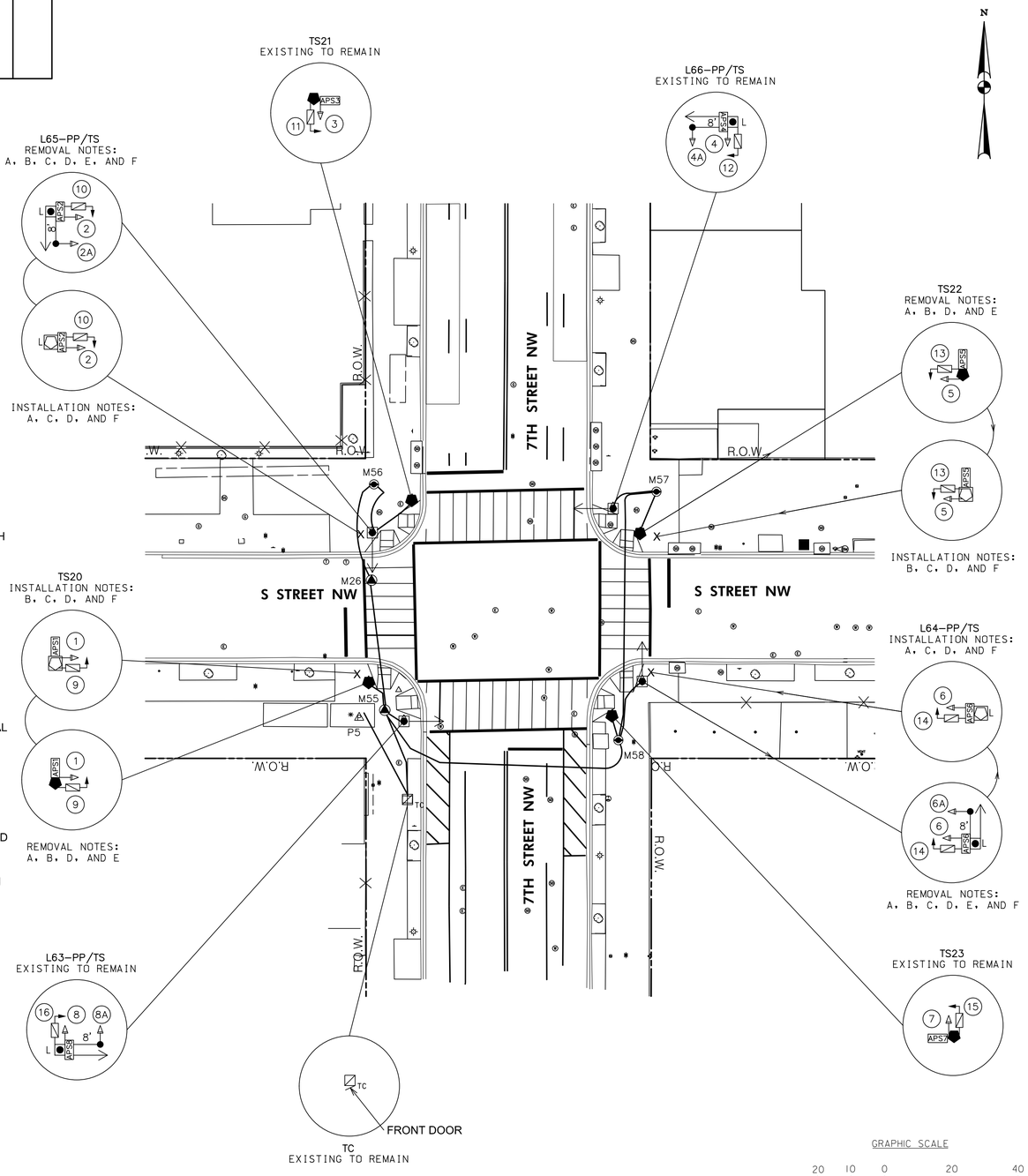
D. INSTALL RELOCATED LED COUNT-DOWN PEDESTRIAN SIGNAL HEADS

E. INSTALL RELOCATED TRAFFIC SIGN(S).

F. INSTALL RELOCATED APS UNIT

REMOVAL NOTES:

A. REMOVE EXISTING TRAFFIC SIGNAL POLE(S) (ANY TYPE)
B. REMOVE EXISTING TRAFFIC SIGNAL HEAD(S)
C. REMOVE EXISTING LUMINAIRE (ANY TYPE)
D. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD(S)
E. REMOVE EXISTING APS UNIT
F. REMOVE EXISTING MAST ARM



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE
- EXISTING 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- PROPOSED 20 FOOT TALL TRAFFIC SIGNAL POLE, TRANSFORMER BASE, AND SINGLE GLOBE LUMINAIRE MOUNTED ON POLE TOP ON A TEMPORARY, PORTABLE, CONCRETE BASE
- PROPOSED 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE ON TEMPORARY, PORTABLE CONCRETE BASE
- EXISTING 3 SECTION TRAFFIC SIGNAL HEAD (ALL LENSES 12")
- EXISTING 2-SECTION PEDESTRIAN SIGNAL HEAD (12")
- EXISTING ACCESSIBLE PEDESTRAIN SIGNAL (APS)
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING 8-FOOT MAST ARM WITH CAP AND CLAMP
- EXISTING TS/SL CONDUIT
- EXISTING DDOT MANHOLE (4'X4'X4')
- EXISTING DDOT MANHOLE (3'X3'X3')
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- X PROPOSED LOCATION FOR TEMPORARY, PORTABLE, CONCRETE BASE
- R.O.W. RIGHT OF WAY LINE

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

65% Completion Plan

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.
APPROVED BY ____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-998-L

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	3026
	EXIST.
FIELD CHECKED BY	TW
DESIGNED BY	TW
DRAWN BY	IN
REVIEWED BY	LM
DATE	8 /20
SCALE	1" = 20'
SHEET / OF	1 / 1
DRAWING NO.	S-1607-H

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		144	150

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.
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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.
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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.

INSTALLATION NOTES:

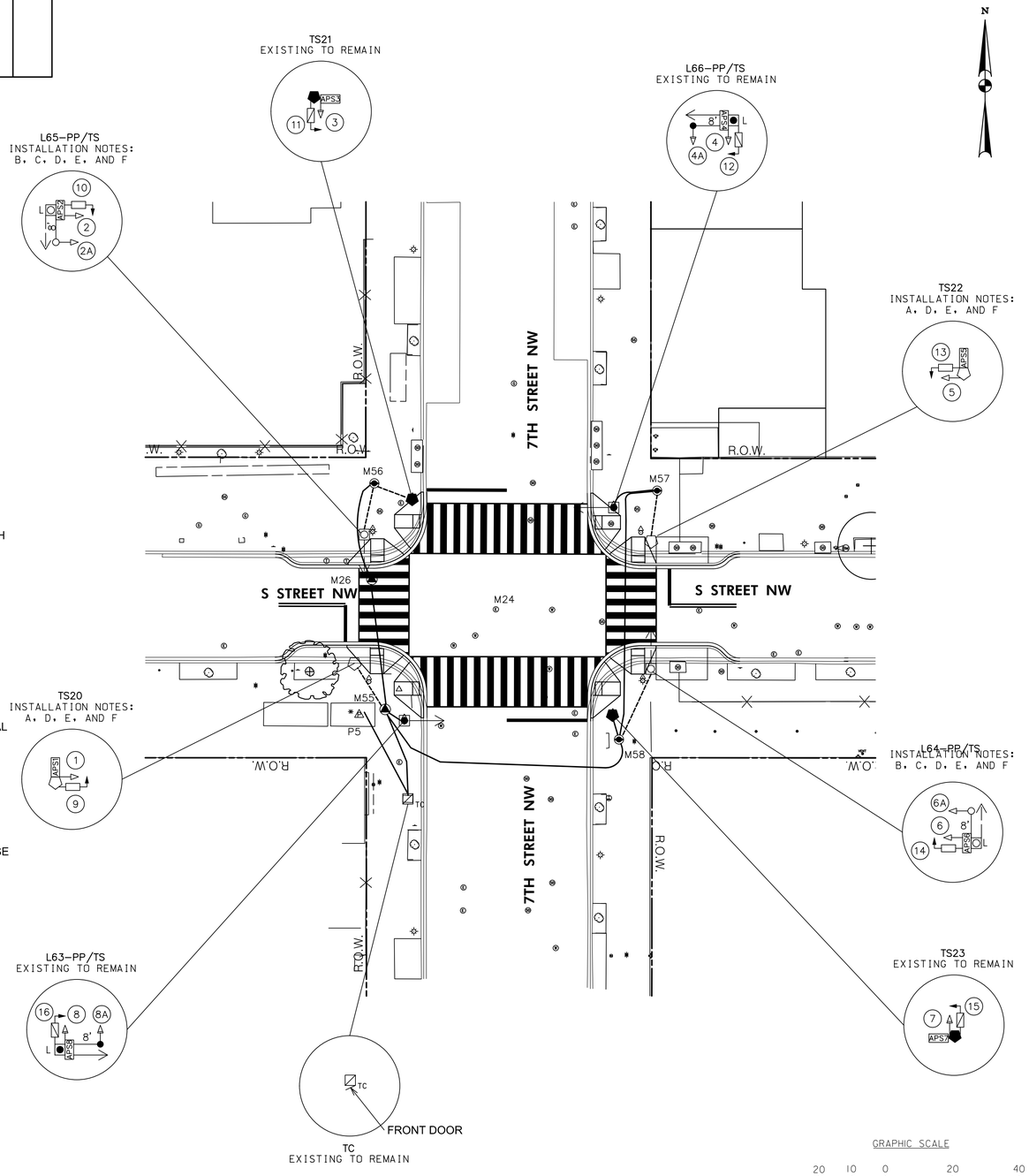
A. INSTALL 20-FOOT TRAFFIC SIGNAL POLE WITH A TRANSFORMER BASE.
B. INSTALL 28-FOOT PENDANT POST STREETLIGHT POLE WITH A TRANSFORMER BASE AND LUMINAIRE.
C. INSTALL 8-FOOT MAST ARM WITH CAP AND CLAMP.
D. INSTALL LED TRAFFIC SIGNAL HEAD(S).
E. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
F. INSTALL ACCESSIBLE PEDESTRAIN SIGNAL UNIT

MAST ARM NOTES:

A. A BACK PLATE SHALL BE AFFIXED TO EACH MAST ARM MOUNTED SIGNAL HEAD.
B. THE BOTTOM OF MAST ARM MOUNTED SIGNAL HEADS SHALL BE 16 FEET ABOVE THE ROADWAY SURFACE.
C. AN ASTRO-BRAC OR APPROVED EQUIVALENT SHALL BE USED TO MOUNT SIGNAL HEADS (2A, 4A AND 6A) TO MAST ARMS.

CABLE NOTES:

A. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
B. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED 7C 14AWG STRANDED CABLE TO ALL SIGNAL HEADS.
C. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED SHIELDED 4C 18AWG STRANDED CABLES TO ALL APS UNITS. A SEGMENT OF 4C 18AWG SHIELDED, STRANDED CABLE SHALL EXTEND FROM EACH POLE MOUNTED APS UNIT TO THE 2-SECTION PEDESTRIAN SIGNAL HEAD MOUNTED ON THE SAME POLE.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE
- EXISTING 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- PROPOSED PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE
- PROPOSED 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- EXISTING 3 SECTION TRAFFIC SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 3 SECTION TRAFFIC SIGNAL HEAD (ALL LENSES 12")
- EXISTING 2-SECTION PEDESTRIAN SIGNAL HEAD (12")
- PROPOSED 2-SECTION PEDESTRIAN SIGNAL HEAD (12")
- ACCESSIBLE PEDESTRAIN SIGNAL (APS)
- 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 DDOT MANHOLE (4'X4'X4')
- EXISTING DDOT MANHOLE (3'X3'X3')
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- PROPOSED TREE
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- R.O.W. RIGHT OF WAY LINE

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

65% Completion Plan

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.
APPROVED BY DATE

SEQUENCE OF OPERATION DRAWING NO. TS-998-M

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

7TH STREET AND S STREET, N.W

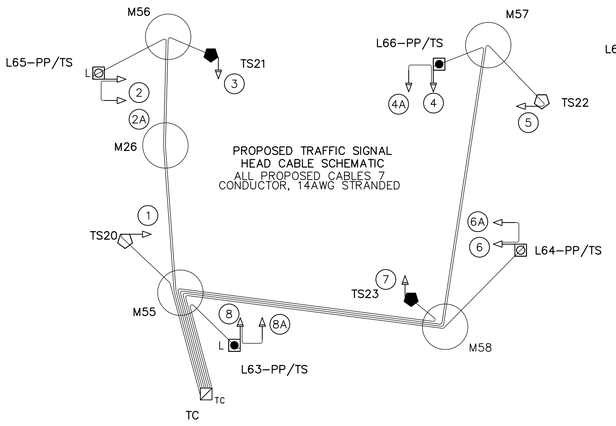
TRAFFIC SIGNAL MODIFICATION

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 3026
FINAL
FIELD CHECKED BY TW
DESIGNED BY TW
DRAWN BY IN
REVIEWED BY LM
DATE 8 /20
SCALE 1" = 20'
SHEET 1 OF 3
DRAWING NO. S-1607-I

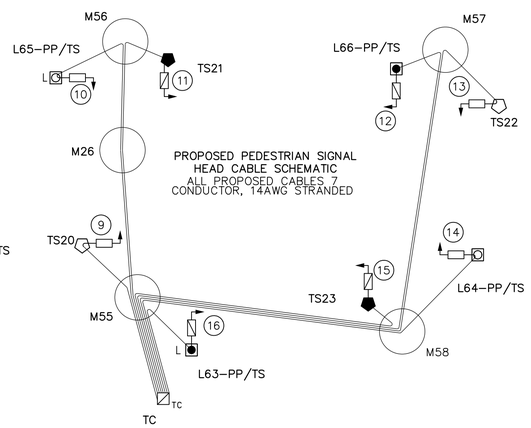
REVISION								
DESCRIPTION	DATE	COR.	CHK.	APP.	APP.	APP.	APP.	APP.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		145	150



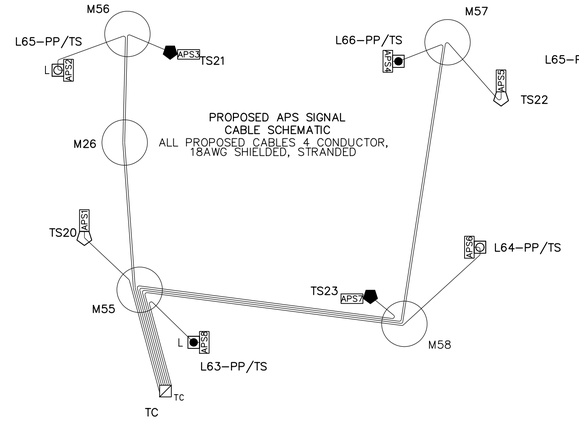
PROPOSED TRAFFIC SIGNAL HEAD CABLE SCHEMATIC
ALL PROPOSED CABLES 7 CONDUCTOR, 14AWG STRANDED

PROPOSED TRAFFIC SIGNAL HEAD CABLE ROUTING
TC – M55 – TS20 – 1 (PROPOSED)
TC – M55 – M26 – M56 – L65–PP/TS – 2 (PROPOSED)
2 – 2A (PROPOSED)
TC – M55 – M26 – M56 – TS21 – 3 (EXISTING)
TC – M55 – M58 – M57 – L66–PP/TS – 4 (EXISTING)
4 – 4A (EXISTING)
TC – M55 – M58 – M57 – TS22 – 5 (PROPOSED)
TC – M55 – M58 – L64–PP/TS – 6 (PROPOSED)
6 – 6A (PROPOSED)
TC – M55 – M58 – TS23 – 7 (EXISTING)
TC – M55 – L63–PP/TS – 8 (EXISTING)
8 – 8A (EXISTING)



PROPOSED PEDESTRIAN SIGNAL HEAD CABLE SCHEMATIC
ALL PROPOSED CABLES 7 CONDUCTOR, 14AWG STRANDED

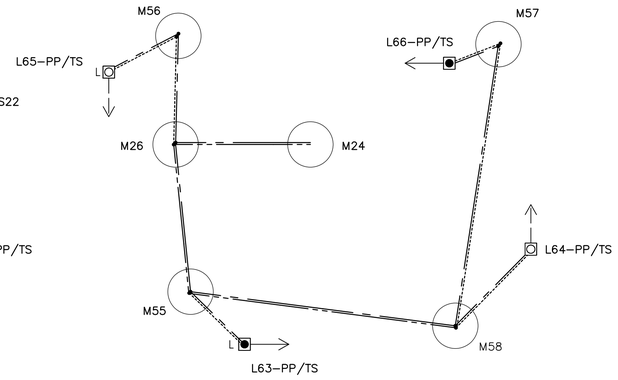
PROPOSED PEDESTRIAN SIGNAL HEAD CABLE ROUTING
TC – M55 – TS20 – 9 (PROPOSED)
TC – M55 – M26 – M56 – L65–PP/TS – 10 (PROPOSED)
TC – M55 – M26 – M56 – TS21 – 11 (EXISTING)
TC – M55 – M58 – M57 – L66–PP/TS – 12 (EXISTING)
TC – M55 – M58 – M57 – TS22 – 13 (PROPOSED)
TC – M55 – M58 – L64–PP/TS – 14 (PROPOSED)
TC – M55 – M58 – TS23 – 15 (EXISTING)
TC – M55 – L63–PP/TS – 16 (EXISTING)



PROPOSED APS SIGNAL CABLE SCHEMATIC
ALL PROPOSED CABLES 4 CONDUCTOR, 18AWG SHIELDED, STRANDED

PROPOSED APS SIGNAL CABLE ROUTING
TC – M55 – TS20 – APS1 (PROPOSED)
TC – M55 – M26 – M56 – L65–PP/TS – APS2 (PROPOSED)
TC – M55 – M26 – M56 – TS21 – APS3 (EXISTING)
TC – M55 – M58 – M57 – L66–PP/TS – APS4 (EXISTING)
TC – M55 – M58 – M57 – TS22 – APS5 (PROPOSED)
TC – M55 – M58 – L64–PP/TS – APS6 (PROPOSED)
TC – M55 – M58 – TS23 – APS7 (EXISTING)
TC – M55 – L63–PP/TS – APS8 (EXISTING)

PROPOSED STREETLIGHT CABLE LEGEND
NO. 8 STRANDED BARE COPPER WIRE
TWO NO. 10 STRANDED CABLES
THREE NO. 6 STRANDED CABLES
SPLICE POINT



LIGHTING CABLE ROUTING
M24 – M26 – M56 – L65–PP/TS (PROPOSED)
M24 – M26 – M55 – M58 – M57 – L66–PP/TS (EXISTING)
M24 – M26 – M55 – M58 – L64–PP/TS (PROPOSED)
M24 – M26 – M55 – L63–PP/TS (EXISTING)

STATION SCHEDULE

LOCATION	STATUS	DESCRIPTION
TC	EXISTING	TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH MODEL 336SS CABINET
M55	EXISTING	4'X4'X4' ELECTRICAL MANHOLE
M26	EXISTING	4'X4'X4' ELECTRICAL MANHOLE
M56	EXISTING	3'X3'X3' ELECTRICAL MANHOLE
M57	EXISTING	3'X3'X3' ELECTRICAL MANHOLE
M58	EXISTING	3'X3'X3' ELECTRICAL MANHOLE
TS20	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
L65–PP/TS	PROPOSED	28.5 FOOT PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE AND 8 FOOT MAST ARM
TS–21	EXISTING	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
L66–PP/TS	EXISTING	28.5 FOOT PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE AND 8 FOOT MAST ARM
TS22	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
L64–PP/TS	PROPOSED	28.5 FOOT PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE AND 8 FOOT MAST ARM
TS23	EXISTING	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
L63–PP/TS	EXISTING	28.5 FOOT PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE AND 8 FOOT MAST ARM

CONDUIT SUMMARY

LOCATION TO LOCATION	STATUS	SIZE (DIA.) (IN.)	NUMBER OF CONDUITS	QUANTITY (FT.)
TC – M55	EXISTING	2", 4"	2, 2	30
M55 – TS20	PROPOSED	2", 4"	1, 1	20
M55 – M26	EXISTING	4"	4	40
M26 – M56	EXISTING	4"	4	35
M56 – L65–PP/TS	PROPOSED	2", 4"	1, 1	20
M56 – TS21	EXISTING	2", 4"	1, 1	15
M55 – M58	EXISTING	4"	4	85
M58 – M57	EXISTING	4"	4	85
M57 – L66–PP/TS	EXISTING	2", 4"	1, 1	20
M57 – TS22	PROPOSED	4"	4	15
M58 – L64–PP/TS	PROPOSED	2", 4"	1, 1	25
M58 – TS23	EXISTING	2", 4"	1, 1	10
M55 – L63–PP/TS	EXISTING	2", 4"	1, 1	10

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

65% Completion Plan

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

STREETLIGHT POLE INFORMATION (POLE INSTALLATION)

DRAWING LIGHT NO.	MARYLAND GRID PLAT	LOCATION	POLE TYPE	LIGHT SOURCE	LAMP WATTS	DATE IN SERVICE
L63–PP/TS	793393	SW 7TH STREET AND S STREET N.W.	PEND POST	LED	200	
L64–PP/TS	793393	SE 7TH STREET AND S STREET N.W.	PEND POST	LED	200	
L65–PP/TS	793393	NW 7TH STREET AND S STREET N.W.	PEND POST	LED	200	
L66–PP/TS	793393	NE 7TH STREET AND S STREET N.W.	PEND POST	LED	200	

STREETLIGHT CABLE SUMMARY

SCHEDULE			QUANTITY				
			CABLE			GROUNDING	
FROM STA.	TO STA.	DISTANCE	#4/0	#6	#10	#2	#8
M24	M26	40'		120'			40'
M26	M55	40'		120'			40'
M55	L63–PP/TS	10'			60'		30'
M55	M58	85'		255'			85'
M58	L64–PP/TS	25'			90'		45'
M58	M57	85'		255'			85'
M57	L66–PP/TS	20'			80'		40'
M26	M56	35'			70'		35'
M56	L65–PP/TS	20'			40'		40'

SEQUENCE OF OPERATION DRAWING NO. TS–998–M

ACISA 3026

FINAL

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

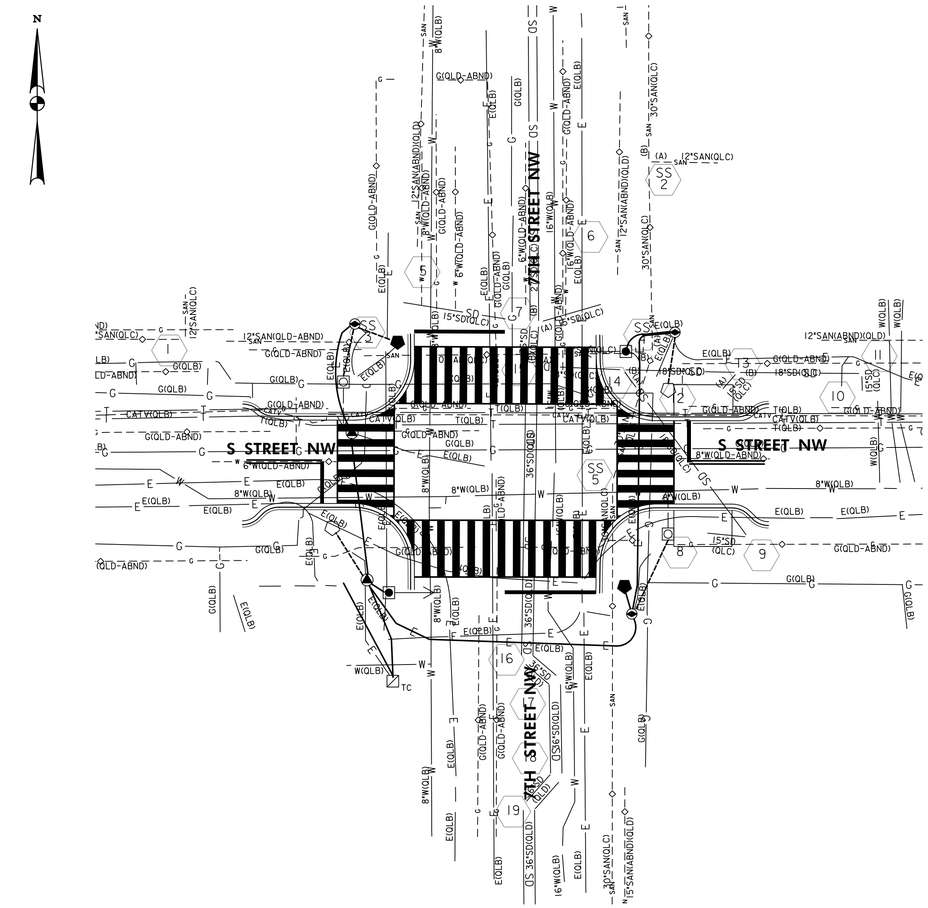
FIELD CHECKED BY: TW
DESIGNED BY: TW
DRAWN BY: IN
REVIEWED BY: LM
DATE: 8 /20
SCALE: 1" = 20'
SHEET 2 OF 3
DRAWING NO. S–1607–I

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		146	150

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.

65% Completion Plan

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY ____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-998-M

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

ACISA 3026

FINAL

FIELD CHECKED BY: TW
DESIGNED BY: TW
DRAWN BY: IN
REVIEWED BY: LM
DATE: 8 /20
SCALE: 1" = 20'
SHEET 3 OF 3
DRAWING NO. S-1607-4

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		147	150

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

INSTALLATION NOTES:

A. INSTALL PROPOSED 20-FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE AND AN UPRIGHT LUMINAIRE ON A TEMPORARY, PORTABLE, CONCRETE BASE.

B. INSTALL PROPOSED 20-FOOT TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE ON A TEMPROARY, PORATBLE, CONCRETE BASE.

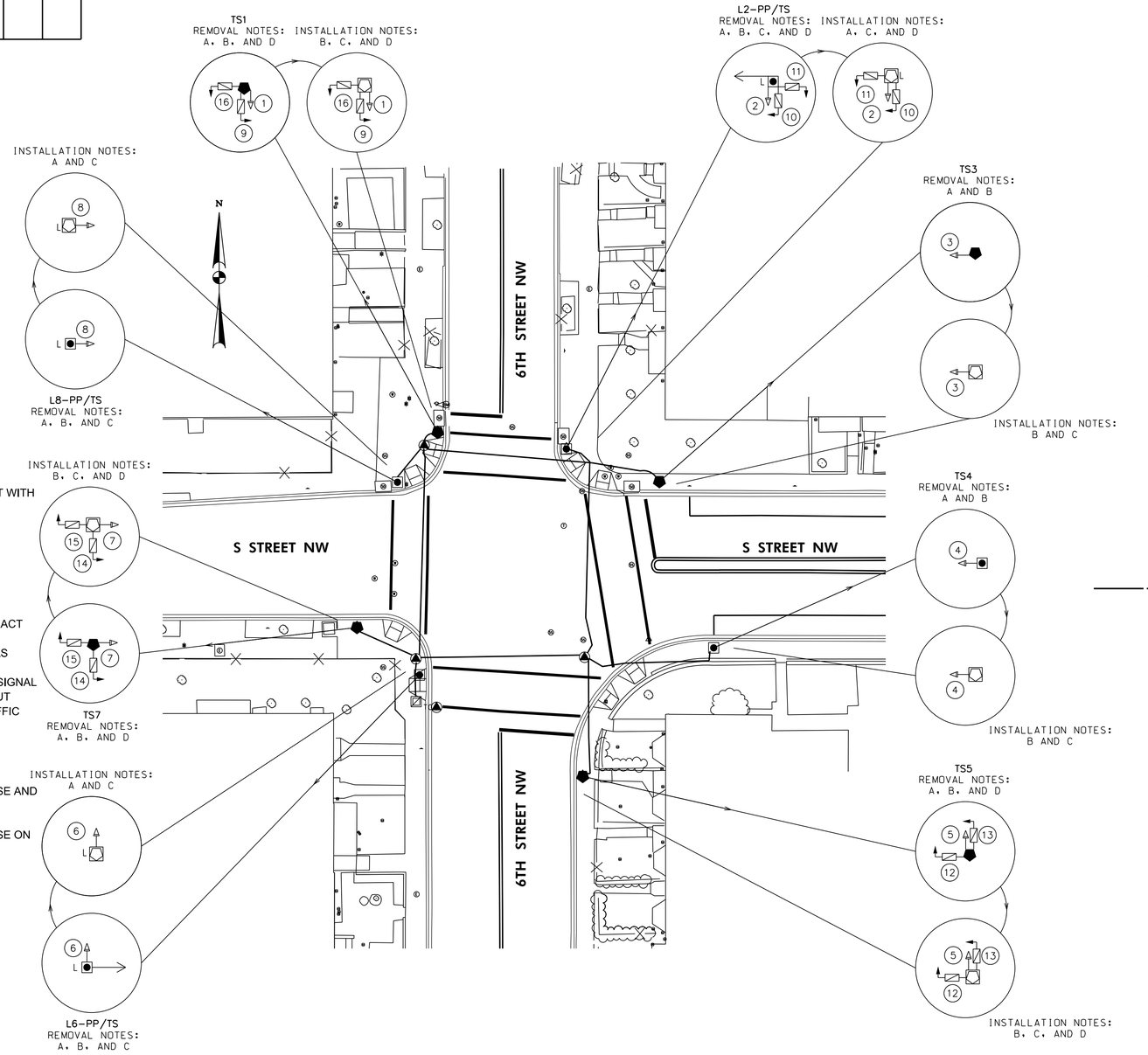
C. INSTALL RELOCATED LED TRAFFIC SIGNAL HEAD(S)

D. INSTALL RELOCATED LED COUNT-DOWN PEDESTRIAN SIGNAL HEADS

E. INSTALL RELOCATED TRAFFIC SIGN(S).

REMOVAL NOTES:

A. REMOVE EXISTING TRAFFIC SIGNAL POLE(S) (ANY TYPE)
B. REMOVE EXISTING TRAFFIC SIGNAL HEAD(S)
C. REMOVE EXISTING LUMINAIRE (ANY TYPE)
D. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD(S)



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- EXISTING PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE
- EXISTING 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- PROPOSED 20 FOOT TALL TRAFFIC SIGNAL POLE, TRANSFORMER BASE, AND SINGLE GLOBE LUMINAIRE MOUNTED ON POLE TOP ON A TEMPORARY, PORTABLE, CONCRETE BASE
- PROPOSED 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE ON TEMPORARY, PORTABLE CONCRETE BASE
- EXISTING 3 SECTION TRAFFIC SIGNAL HEAD (ALL LENSES 12")
- EXISTING 2-SECTION PEDESTRIAN SIGNAL HEAD (12")
- EXISTING LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING TS/SL CONDUIT
- EXISTING DDOT MANHOLE
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING WHEELCHAIR/BICYCLE RAMP
- X PROPOSED LOCATION FOR TEMPORARY, PORTABLE, CONCRETE BASE
- R.O.W. RIGHT OF WAY LINE

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

65% Completion Plan

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.
APPROVED BY ____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-1115-D

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 3020
EXIST.
FIELD CHECKED BY TW
DESIGNED BY TW
DRAWN BY IN
REVIEWED BY LM
DATE 8/20
SCALE 1" = 20'
SHEET 1 OF 1
DRAWING NO. S-1185-C

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		148	150

GENERAL NOTES:

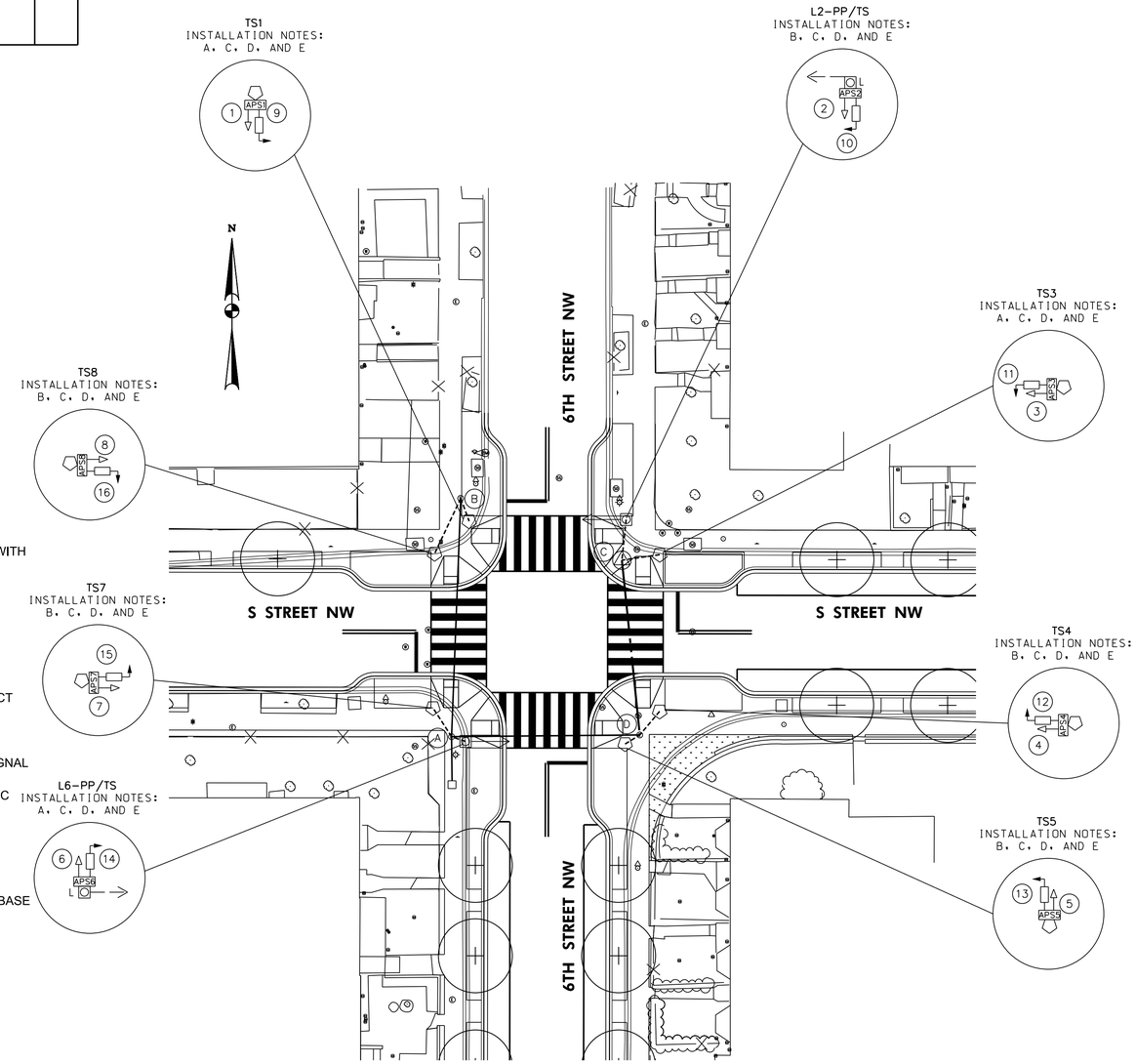
A. ALL WORK RELATING TO THE INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH APPROPRIATE PROVISIONS OF THE LATEST VERSIONS OF DDOT STANDARD DRAWINGS, STANDARD SPECIFICATIONS AND THE CONTRACT SPECIAL PROVISIONS.
B. THE CONTRACTOR SHALL SUBMIT TO THE DDOT CATALOG CUTS OF ALL EQUIPMENT AND MATERIALS TO 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.

INSTALLATION NOTES:

A. INSTALL 20-FOOT TRAFFIC SIGNAL POLE WITH A TRANSFORMER BASE.
B. INSTALL 28-FOOT PENDANT POST STREETLIGHT POLE WITH A TRANSFORMER BASE AND LUMINAIRE.
C. INSTALL LED TRAFFIC SIGNAL HEAD(S).
D. INSTALL LED COUNT-DOWN PEDESTRIAN SIGNAL HEAD(S).
E. INSTALL ACCESSIBLE PEDESTRAIN SIGNAL UNIT

CABLE NOTES:

A. DDOT PERSONNEL WILL MAKE ALL ELECTRICAL CONNECTIONS INSIDE THE CONTROLLER CABINET. THE CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS IN TRAFFIC AND PEDESTRIAN SIGNAL HEADS.
B. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED 7C 14AWG STRANDED CABLE TO ALL SIGNAL HEADS.
C. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW, UNSPLICED SHIELDED 4C 18AWG STRANDED CABLES TO ALL APS UNITS. A SEGMENT OF 4C 18AWG SHIELDED, STRANDED CABLE SHALL EXTEND FROM EACH POLE MOUNTED APS UNIT TO THE 2-SECTION PEDESTRIAN SIGNAL HEAD MOUNTED ON THE SAME POLE.



LEGEND:

- EXISTING TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH A MODEL 336SS CABINET
- EXISTING LOCATION FOR PEPCO POWER CONNECTION
- PROPOSED PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE
- PROPOSED 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
- PROPOSED 3 SECTION TRAFFIC SIGNAL HEAD (ALL LENSES 12")
- PROPOSED 2-SECTION PEDESTRIAN SIGNAL HEAD (12")
- ACCESSIBLE PEDESTRAIN SIGNAL (APS)
- PROPOSED LUMINAIRE AND SUPPORT ARM INDICATES DIRECTION OF LIGHT
- EXISTING TS/SL CONDUIT
- PROPOSED DDOT 1-2" & 1-4" ELECTRICAL PVC CONDUIT
- PROPOSED DDOT 4-4" ELECTRICAL PVC CONDUIT
- EXISTING DDOT MANHOLE
- PROPOSED DDOT MANHOLE (4'X4'X4')
- EXISTING PEPCO MANHOLE
- EXISTING TELEPHONE MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER METER
- EXISTING WATER MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING CATCH BASIN
- EXISTING STORM MANHOLE
- EXISTING TREE
- PROPOSED TREE
- PROPOSED WHEELCHAIR/BICYCLE RAMP
- R.O.W. RIGHT OF WAY LINE

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

65% Completion Plan

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.
APPROVED BY ____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-1115-E

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

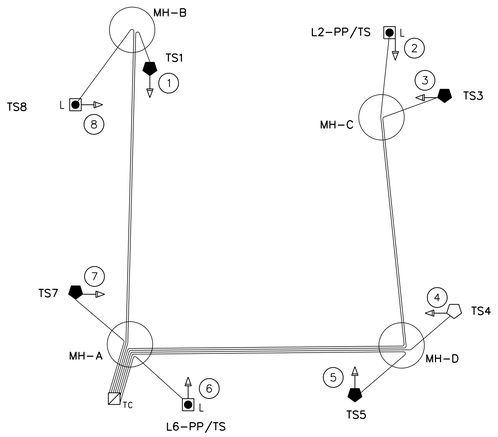
ACISA 3020
FINAL
FIELD CHECKED BY TW
DESIGNED BY TW
DRAWN BY IN
REVIEWED BY LM
DATE 8 /20
SCALE 1" = 20'
SHEET 1 OF 3
DRAWING NO. S-1185-D

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		149	150

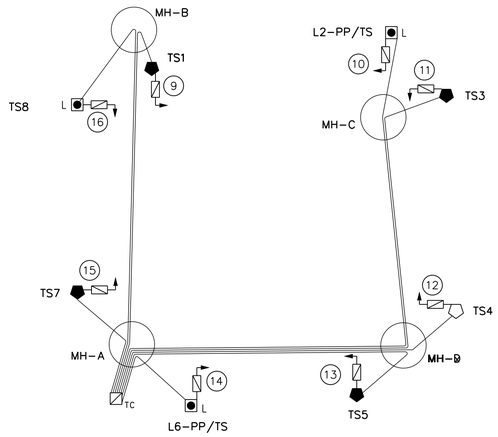
PROPOSED TRAFFIC SIGNAL HEAD CABLE SCHEMATIC

ALL PROPOSED CABLES 7 CONDUCTOR, 14AWG STRANDED



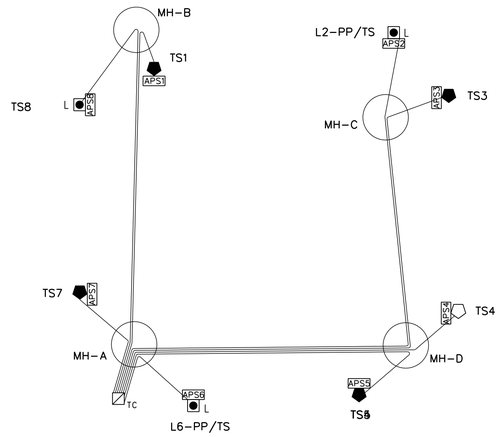
PROPOSED PEDESTRIAN SIGNAL HEAD CABLE SCHEMATIC

ALL PROPOSED CABLES 7 CONDUCTOR, 14AWG STRANDED



PROPOSED PEDESTRIAN SIGNAL HEAD CABLE SCHEMATIC

ALL PROPOSED CABLES 4 CONDUCTOR, 18AWG SHIELDED, STRANDED



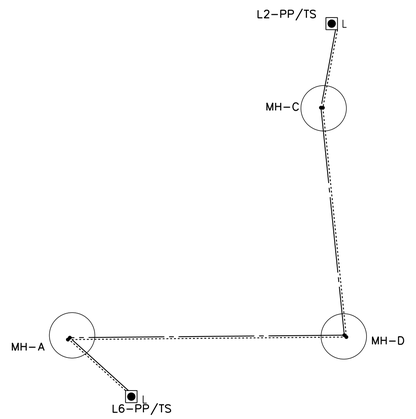
PROPOSED STREETLIGHT CABLE LEGEND

——— NO. 8 STRANDED BARE COPPER WIRE

- - - - - - - - - - - - TWO NO. 10 STRANDED CABLES

——— THREE NO. 6 STRANDED CABLES

SPLICE POINT



PROPOSED TRAFFIC SIGNAL HEAD CABLE ROUTING

TC – MH-A – MH-B – TS1 – 1
TC – MH-A – MH-D – MH-C – L2-PP/TS – 2
TC – MH-A – MH-D – MH-C – TS3 – 3
TC – MH-A – MH-D – TS4 – 4
TC – MH-A – MH-D – TS5 – 5
TC – MH-A – L6-PP/TS – 6
TC – MH-A – TS7 – 7
TC – MH-A – MH-B – L8-PP/TS – 8

PROPOSED PEDESTRIAN SIGNAL HEAD CABLE ROUTING

TC – MH-A – MH-B – TS1 – 9
TC – MH-A – MH-D – MH-C – L2-PP/TS – 10
TC – MH-A – MH-D – MH-C – TS3 – 11
TC – MH-A – MH-D – TS4 – 12
TC – MH-A – MH-D – TS5 – 13
TC – MH-A – L6-PP/TS – 14
TC – MH-A – TS7 – 15
TC – MH-A – MH-B – L8-PP/TS – 16

PROPOSED APS SIGNAL CABLE ROUTING

TC – MH-A – MH-B – TS1 – APS1
TC – MH-A – MH-D – MH-C – L2-PP/TS – APS2
TC – MH-A – MH-D – MH-C – TS3 – APS3
TC – MH-A – MH-D – TS4 – APS4
TC – MH-A – MH-D – TS5 – APS5
TC – MH-A – L6-PP/TS – APS6
TC – MH-A – TS7 – APS7
TC – MH-A – MH-B – TS8 – APS8

LIGHTING CABLE ROUTING

MH-A – MH-B – Lxx-PP/TS (EXISTING)
MH-A – MH-x – MH-x – Lxx-PP/TS (EXISTING)
MH-A – Lxx-PP/TS (EXISTING)

STATION SCHEDULE

LOCATION	STATUS	DESCRIPTION
TC	EXISTING	TYPE 170E TRAFFIC SIGNAL CONTROLLER WITH MODEL 336SS CABINET
MH-A	EXISTING	4'X4'X4' PEPCO ELECTRICAL MANHOLE
MH-B	EXISTING	4'X4'X4' PEPCO ELECTRICAL MANHOLE
MH-C	PROPOSED	4'X4'X4' PEPCO ELECTRICAL MANHOLE
MH-D	EXISTING	4'X4'X4' ELECTRICAL MANHOLE
TS1	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
L2-PP/TS	PROPOSED	28.5 FOOT PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE AND 8 FOOT MAST ARM
TS3	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
TS4	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
TS5	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
L6-PP/TS	PROPOSED	28.5 FOOT PENDANT POST STREETLIGHT POLE MOUNTED ON A TRANSFORMER BASE WITH A LUMINAIRE AND 8 FOOT MAST ARM
TS7	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE
TS8	PROPOSED	20 FOOT TALL STEEL TRAFFIC SIGNAL POLE WITH TRANSFORMER BASE

CONDUIT SUMMARY

LOCATION TO LOCATION	STATUS	SIZE (DIA.) (IN.)	NUMBER OF CONDUITS	QUANTITY (FT.)
TC – MH-A	EXISTING	2", 4"	2, 2	15
MH-A – TS7	PROPOSED	2", 4"	1, 1	10
MH-A – L6-PP/TS	PROPOSED	2", 4"	1, 1	5
MH-A – MH-B	EXISTING	4"	4	65
MH-B – TS1	PROPOSED	2", 4"	1, 1	10
MH-B – TS8	PROPOSED	2", 4"	1, 1	20
MH-A – MH-D	EXISTING	4"	4	55
MH-D – TS4	PROPOSED	2", 4"	1, 1	10
MH-D – TS5	PROPOSED	2", 4"	1, 1	10
MH-D – MH-C	PROPOSED	4"	4	50
MH-C – TS3	PROPOSED	2", 4"	1, 1	15
MH-C – L2-PP/TS	PROPOSED	2", 4"	1, 1	15

STREETLIGHT POLE INFORMATION (POLE INSTALLATION)

DRAWING LIGHT NO.	MARYLAND GRID PLAT	LOCATION	POLE TYPE	LIGHT SOURCE	LAMP WATTS	DATE IN SERVICE
Lxx-PP/TS	--	NW 6TH STREET AND FLORIDA AVENUE N.W.	PEND POST	LED	200	
Lxx-PP/TS	--	NE 6TH STREET AND FLORIDA AVENUE N.W.	PEND POST	LED	200	
Lxx-PP/TS	--	SW 6TH STREET AND FLORIDA AVENUE N.W.	PEND POST	LED	200	

GRAPHIC SCALE

20 10 0 20 40

1" = 20'-0" HORIZ.

65% Completion Plan

AMT
10 G STREET N.E. SUITE 430
WASHINGTON, D.C. 20002
A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-1115-E

ACISA 3020

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

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

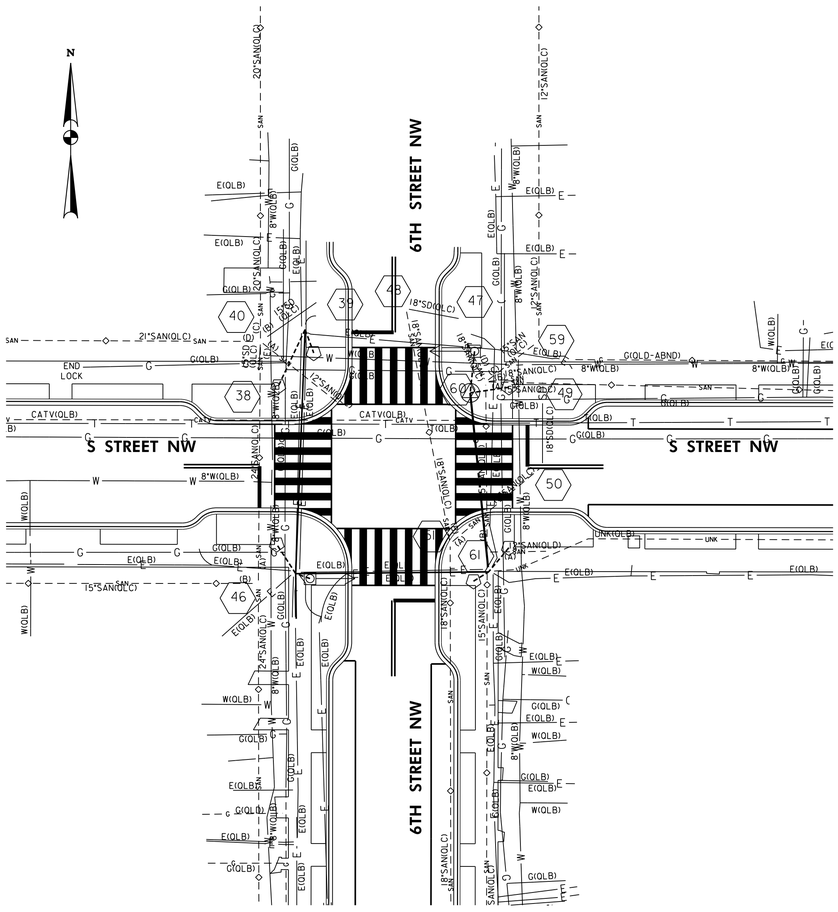
FIELD CHECKED BY: TW
DESIGNED BY: TW
DRAWN BY: IN
REVIEWED BY: LM
DATE: 8 /20
SCALE: 1" = 20'
SHEET 2 OF 3
DRAWING NO. S-1185-D

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

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.		150	150

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.

65% Completion Plan

A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS

S.L.F. NO.

APPROVED BY _____ DATE

SEQUENCE OF OPERATION DRAWING NO. TS-1115-E

ACISA 3020

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & SIGNALS DIVISION

FINAL

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
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SHEET / OF	3 / 3
DRAWING NO.	S-1185-D