STATE OF ILLINOIS
CITY OF CHICAGO
LORI E. LIGHTFOOT, MAYOR

DEPARTMENT OF TRANSPORTATION
GIA BIAGI, COMMISSIONER

DIVISION OF ENGINEERING
DANIEL BURKE, P.E., S.E.  MANAGING DEPUTY COMMISSIONER

CONTRACT PLANS
FOR
JACKSON PARK MOBILITY IMPROVEMENTS

S. LAKE SHORE DRIVE (US 41) FROM E. HAYES DRIVE TO E. 57TH STREET
S. STONY ISLAND AVENUE FROM E. 64TH STREET TO E. 59TH STREET
S. CORNELL DRIVE FROM 6400 S TO E. HAYES DRIVE
E. HAYES DRIVE FROM S. CORNELL DRIVE TO S. LAKE SHORE DRIVE
E. 63RD STREET FROM S. STONY ISLAND AVENUE TO S. CORNELL DRIVE

MIDWAY PLAIANCE FROM S. STONY ISLAND AVENUE TO S. CORNELL DRIVE

VOLUME 4 OF 4

OUCEFP FILES:
EFP-107977
EFP-108167
EFP-108168

PAGE CONSTRUCTION: THE CONTRACTOR IS REQUIRED TO CALL O.I.G.E.P.A. AT 815 OR 312-744-1003 FOR UNRECRUDED UTILITY LOCATIONS.

TRAFFIC DATA

AVG DAILY TRAFFIC  
GROSS LENGTH = 15817.73 FT. = 3.00 MILES
NET LENGTH = 15817.73 FT. = 3.00 MILES

GIA BIAGI, COMMISSIONER

MIDWAY PLAISANCE FROM S. STONY ISLAND AVENUE TO S. CORNELL DRIVE

PARK
JACKSON PARK
SOUTH SHORE
LAKE SHORE
LAKE MICHIGAN

EFP-108168

100' 50' 0' 300' 400' 600' 800'

1/4 MI

1/2 MI

3/4 MI

1 MI

2 MI

1/4''=1-0'

1/2''=2-0'

1/4''=3-0'

1/2''=4-0'

1/4''=5-0'

1/2''=5-0'

1/4''=10-0'

1/2''=10-0'

1/4''=50-0'

1/2''=50-0'

1/4''=100-0'

1/2''=100-0'

100' 50' 0' 300' 400' 600' 800'

1/4 MI

1/2 MI

3/4 MI

1 MI

2 MI

1/4''=1-0'

1/2''=2-0'

1/4''=3-0'

1/2''=4-0'

1/4''=5-0'

1/2''=5-0'

1/4''=10-0'

1/2''=10-0'

1/4''=50-0'

1/2''=50-0'

1/4''=100-0'

1/2''=100-0'

100' 50' 0' 300' 400' 600' 800'

1/4 MI

1/2 MI

3/4 MI

1 MI

2 MI

1/4''=1-0'

1/2''=2-0'

1/4''=3-0'

1/2''=4-0'

1/4''=5-0'

1/2''=5-0'

1/4''=10-0'

1/2''=10-0'

1/4''=50-0'

1/2''=50-0'

1/4''=100-0'

1/2''=100-0'

100' 50' 0' 300' 400' 600' 800'

1/4 MI

1/2 MI

3/4 MI

1 MI

2 MI

1/4''=1-0'

1/2''=2-0'

1/4''=3-0'

1/2''=4-0'

1/4''=5-0'

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1/2''=10-0'

1/4''=50-0'

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1/4''=100-0'

1/2''=100-0'
TRAFFIC SIGNAL INSTALLATION

ELECTRICAL SERVICE REQUIREMENTS

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INSTALLATION LEGEND

- INSTALL OVERHEAD ELECTRICAL SERVICE
- INSTALL EXISTING OVERHEAD ELECTRICAL SERVICE

STREET LIGHTING INSTALLATION PLAN

NOT TO SCALE

TRAFFIC CONTROL SIGNALS

1. INSTALL APPLICABLE COMMUNICATION SYSTEM EQUIPMENT
2. INSTALL PUMPED ALARM CABLE IN CONDUIT
3. INSTALL STORM DRAINAGE SYSTEM

NOT TO SCALE
11. ALL UNDERGROUND UTILITIES SHOWN IN THE PLANS ARE COORDINATED WITH CDOT DIVISION OF ENGINEERING.

PART OF INTERSECTION TECHNOLOGY ENHANCEMENTS PAY ITEM.

CORRESPONDING PEDESTRIAN SIGNAL HEAD.

FOR CONDUIT CROSSING ABOVE AND BELOW PROPOSED WATER MAIN,
PROPOSED BOTTOM OF WATER MAIN:

PROPOSED TOP OF WATER MAIN:

PROPOSED TRAFFIC SIGNAL/WATER VERTICAL CLEARANCES (18" MINIMUM):

JAW

60 T H S T R E E T

TO BE INSTALLED EX. R.O.W.

34.8'

(2)3"-15'

21.0'

2"-104'

18.0'

10.5'

3.0'

3.0'

60 T H S T R E E T

TO BE INSTALLED EX. R.O.W.

54.0'

61.5'

ELECTRICAL/STREET LIGHTING PLANS.

AS PART OF 54.0'

M.A.

(2)3"-9'

11.0'

2"-14'

(2)3"-16'

61.5'

ELECTRICAL/STREET LIGHTING PLANS.

AS PART OF 54.0'

M.A.

(2)3"-9'

11.0'

2"-14'

(2)3"-16'

61.5'

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AS PART OF 54.0'

M.A.

(2)3"-9'

11.0'

2"-14'

(2)3"-16'

61.5'

ELECTRICAL/STREET LIGHTING PLANS.
SIGNAL AND CABLE REMOVAL PLAN

REMOVAL LEGEND
C - REMOVE EXISTING TRAFFIC SIGNAL FOUNDATION (TYPE-B)
D - REMOVE EXISTING TRAFFIC SIGNAL FOUNDATION (BASE MOUNTED CONTROLLER)
E - REMOVE EXISTING STREET LIGHTING FOUNDATION
F - REMOVE EXISTING SIGNAL AND CABLE REMOVAL

STREET LIGHTING REMOVAL PLAN

TO BE REMOVED AS PART OF ELECTRICAL/STREET LIGHTING PLANS.

FOUNDATION REMOVAL PLAN

TO BE REMOVED AS PART OF ELECTRICAL/STREET LIGHTING PLANS.
CABLE AND SIGNAL REMOVAL PLAN
NOT TO SCALE

TO BE REMOVED AS PART OF ELECTRICAL STREET LIGHTING PLANS

FOUNDATION REMOVAL PLAN
NOT TO SCALE

TO BE REMOVED AS PART OF ELECTRICAL STREET LIGHTING PLANS

STREET LIGHT REMOVAL PLAN
NOT TO SCALE

TO BE REMOVED AS PART OF ELECTRICAL STREET LIGHTING PLANS

CABLE AND SIGNAL REMOVAL PLAN
NOT TO SCALE

TO BE REMOVED AS PART OF ELECTRICAL STREET LIGHTING PLANS

NOT TO SCALE

REMOVAL LEGEND

- REMOVE AERIAL WIRE
- REMOVE CABLE IN CONDUIT
- REMOVE EXISTING TRANSCLOSURE CABINET
- REMOVE EXISTING TRANSCLOSURE FOUNDATION
- REMOVE EXISTING COMMUNICATION EQUIPMENT ON POLE
- REMOVE EXISTING LIGHTING POLE
- REMOVE EXISTING LIGHTING MAST ARM AND LUMINAIRE
- REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET
- REMOVE EXISTING TRAFFIC SIGNAL MAST ARM, SIGNAL HEAD(S), AND POST OR POLE
- REMOVE EXISTING TRAFFIC SIGNAL(S), PEDESTRIAN SIGNAL(S), AND POST OR POLE
- BREAKDOWN EXISTING MANHOLE
- BREAKDOWN STREET LIGHTING FOUNDATION
- BREAKDOWN TRAFFIC SIGNAL FOUNDATION (BASE MOUNTED)
- BREAKDOWN TRAFFIC SIGNAL FOUNDATION (TYPE-B)

ELECTRICAL/STREET LIGHTING PLANS.
TO BE REMOVED AS PART OF ELECTRICAL/STREET LIGHTING PLANS.

LIGHTING PLANS.
ELECTRICAL/STREET LIGHTING PLANS.
TO BE REMOVED AS PART OF ELECTRICAL/STREET LIGHTING PLANS.

PERMIT NO.
SUPT. OF CONSTRUCTION:
ENGINEER OF ELECTRICITY:
SUPERVISING ENGINEER:
CHIEF DRAFTSMAN:
ENGINEER:
DRAFTSMAN:
ELECTRICAL SECTION
DIVISION OF ENGINEERING
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SIGNALS
CORNELL DRIVE & HAYES DRIVE

DRAWN:
CHECKED:
APPROVED:
DATE:

FILE NAME:
PLOT DATE:
PLOT SCALE:
40.0000' / in.

4/9/2021

TOTAL SHEETS
SHEET NO.
DRAWING NO.
PROJECT NO.
CONTRACT NO.

DEPUTY COMMISSIONER:
SUPT. OF CONSTRUCTION:
ENGINEER OF ELECTRICITY:
SUPERVISING ENGINEER:
CHIEF DRAFTSMAN:
ENGINEER:
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ELECTRICAL SECTION
DIVISION OF ENGINEERING
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TRAFFIC CONTROL SIGNALS
CORNELL DRIVE & HAYES DRIVE

LIGHTING PLANS.
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TRAFFIC CONTROL SIGNALS
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CORNELL DRIVE & HAYES DRIVE

LIGHTING PLANS.
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TO BE REMOVED AS PART OF ELECTRICAL/STREET LIGHTING PLANS.

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TRAFFIC CONTROL SIGNALS
CORNELL DRIVE & HAYES DRIVE

LIGHTING PLANS.
ELECTRICAL/STREET LIGHTING PLANS.
TO BE REMOVED AS PART OF ELECTRICAL/STREET LIGHTING PLANS.

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CORNELL DRIVE & HAYES DRIVE

DRAWN:
CHECKED:
APPROVED:
DATE:

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TRAFFIC CONTROL SIGNALS
CORNELL DRIVE & HAYES DRIVE

LIGHTING PLANS.
ELECTRICAL/STREET LIGHTING PLANS.
TO BE REMOVED AS PART OF ELECTRICAL/STREET LIGHTING PLANS.
DUAL ENTRY PHASE

COORD
OFF
3
22
22
4,
Y
77
6
F
6
3
2
4
75
ALL OTHER TIMES
EBLT
MAX
6
MAX
3
F
D
3
20
3
8
6
COORD
EBLT
F
2
2
REVIEWED BY:
2,
8
PH 4+8
R

DIAL 1

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TRAFFIC ENGINEER
APPROVED BY:

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRAFFIC SAFETY
CITY OF CHICAGO

TRANSMART/EJM CORP.
CHICAGO, IL 60607

ADDRESS
E. 64TH ST.
N/°: 41° 47' 33.1"
W/°: 87° 25' 40.3"

LEGEND

COORDINATED PHASE
PEDESTRIAN PHASE
OVERLAP

* NUMBER REFER TO ASSOCIATED PHASE
# COORDINATED PHASE

S. STONY ISLAND AVE. & E 64TH ST.
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<th>PEDESTRIAN CLEARANCE</th>
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</tr>
</tbody>
</table>

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**Legend**

- APS Pushbutton Post
- APS Pushbutton
- APS Pushbutton of the countdown type.

---

**Note:** All pedestrian signals are of the countdown type.

---

**Controller Sequence**

- Dual Entry Phase
- Single Entry Phase
- Overlap
- Coordinated Phase
- Associated Phase

---

**Subway:**

- Drawn by: Ravi Arora
- Reviewed by: Ravi Arora
- Approved by: Ravi Arora

---

**Traffic Signal Timing Schedule**

- Transmart/EJM Corp.
- Address: 411 S. Wells St., Ste. 1000, Chicago, IL 60607

---

**drawing No:**

- Sheet: 1 of 1

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**Drawn By:**

- Ravi Arora
- Jaiz Waheed
- 1-7-2020
DIAL 1

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S. LAKE SHORE DR. & E. SCIENCE DR.

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DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33 INCHES. ALLE SERVICE CONTROL VALVES AND WATER VAULT LOCATIONS MUST BE VERIFIED PRIOR TO CONSTRUCTION AND 3 FEET OF HORIZONTAL SEPARATION MUST BE MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATION, THEN CDOT SHOULD SUBMIT FUNDING AND/OR RFI FOR DWM APPROVAL PRIOR TO INSTALLATION.

DWM CLEARANCE NOTE:
THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) FROM WATER MAINS AND SERVICES IS 18-INCHES. FOR GRID MAINS (WATER MAINS LESS THAN 16-INCHES) AND WATER STRUCTURES (VALVE BASINS, SERVICE CONTROL VALVES, ETC.) THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) IS FIVE (5) FEET. FOR FEEDER MAINS (WATER MAINS 16-INCHES AND LARGER), THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) IS THREE (3) FEET. FOR FEEDER MAINS (WATER MAINS 16-INCHES AND LARGER), THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) IS THREE (3) FEET.

THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) TO ALL EXISTING WATER FACILITIES.

ELECTRICAL AND LIGHTING IN THIS AREA WILL BE INSTALLED IN BID PACKAGE 2

NOTES:
"D" - DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE
"C" - INSTALL 36" HEAVY DUTY MANHOLE AS PER DRAWING NO. 866 WITH 24" FRAME AND COVER
"B" - INSTALL 3" ELBOW AND RISER ON EXISTING POLE
"A" - INSTALL 30" HEAVY DUTY HANDHOLE AS PER DRAWING NO. 866 WITH 24" FRAME AND COVER

DWM CLEARANCE NOTE:
SEE DWM CLEARANCE NOTE

LOCATION KEY

LIGHTING AND ELECTRICAL UNDERGROUND CONDUIT FACILITIES
STONY ISLAND AV.

CHICAGO DEPARTMENT OF TRANSPORTATION
JACKSON PARK MOBILITY IMPROVEMENTS

CDOT
ENGINEERING DEPARTMENT
OF TRANSPORTATION
C'N'ECT

TOTAL SHEETS: 1
SHEET NO.: E-2

FILE NAME: UND-667.dgn
PLT DATE: 5/17/2021
PLT SCALE: 60.000' / in.

90% ELECTRICAL SUBMITTAL UNDERGROUND Filing

REVIEWS
No. DATE DESCRIPTION

REVISIONS
No. DATE

DESIGN: DRAWN: CHECKED: APPROVED:

3/29/2021

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED. TRENCH WIDTH = 2'.

LEGEND:
- --- - PROPOSED COST (CHICAGO DEPARTMENT OF TRANSPORTATION CONDUIT)

ELECTRICAL AND LIGHTING IN THIS AREA WILL BE INSTALLED IN BID PACKAGE 2

NOTES:
- "A" - INSTALL 15" D.G. X 7' HELIX FOUNDATION AS PER DRAWING NO. 836, 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE
- "B" - INSTALL 30" MANHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER
- "C" - INSTALL 36" HEAVY DUTY MANHOLE AS PER DRAWING NO. 866 WITH 24" FRAME AND COVER
- "F" - INSTALL CONCRETE FOUNDATION FOR BASE MOUNTED STREET LIGHT CONTROLLER AS PER DRAWING NO. 880
- "K" - INSTALL 4'X6'X6' MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CDOT)

DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 35 INCHES. ALL SERVICE CONTROL VALVES AND WATER MAINS LOCATIONS MUST BE VERIFIED PRIOR TO CONSTRUCTION AND 3 FEET OF HORIZONTAL SEPARATION MUST BE MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATION, THEN COST SHOULD SUBMIT FUNDING AND/OR RFQ FOR BPA APPROVAL PRIOR TO INSTALLATION.

THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) FROM WATER MAINS AND SERVICES IS 18-INCHES, FOR DRED MAINS (WATER MAINS LESS THAN 16-INCHES) AND WATER STRUCTURES (VALVE BASINS, SERVICE CONTROL VALVES, ETC.) THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) IS THREE (3) FEET, FOR FEEDER MAINS (WATER MAINS 16-INCHES AND LARGER), THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) IS FIVE (5) FEET HORIZONTAL CLEARANCE (EDGE-TO-EDGE) TO ALL EXISTING WATER FACILITIES.
PROPOSED TOP OF PAVEMENT
E₁ = 7.45
PROPOSED BOTTOM OF WATER MAIN
E₁ = -0.50
PROPOSED TOP OF WATER MAIN
E₁ = 2.61
PROPOSED BOTTOM OF ELECTRICAL
E₁ = 5.25
PROPOSED ELECTRICAL/WATER VERTICAL CLEARANCES (18" MINIMUM)
E₁ = 2.64

A REPRESENTATIVE OF THE DWI MUST BE PRESENT DURING THE EXCAVATION AND INSTALLATION CROSSING OF THE EXISTING 36-INCH FEEDER MAIN. IT IS REQUIRED THAT THE FORCE ACCOUNT CONSTRUCTION MANAGER BE CONTACTED AT FACILITY MANAGER. NEAR TWO WEEKS PRIOR TO THE ANTICIPATED CONSTRUCTION DATE SO A RESIDENT ENGINEER CAN BE ASSIGNED TO THE PROJECT. THE DWI REPRESENTATIVE WILL ADHERE TO THE SCHEDULE PROVIDED BY INFRASTRUCTURE ENGINEERING, INC. UNLESS NOTED OTHERWISE. EXCAVATION IS REQUIRED TO FIELD VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF THE EXISTING 36-INCH WATER FEEDER MAIN PRIOR TO CROSSING. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RESULT IN ADDITIONAL EXPENSES TO THE PROPOSED PROJECT TO VERIFY THAT ALL WORK CONFORMS TO DWI'S STANDARDS.

FOR CONDUIT CROSSING ABOVE PROPOSED 36" WATER MAIN, SEE SHEET GEN-4: UTILITY NOTE 14

ELECTRICAL AND WATER MAIN NOTES:

SEE TRAFFIC SIGNAL PLAN (12553)
FOR PROPOSED FOUNDATIONS, CONDUITS, AND HANDHOLES/MANHOLEs (UNLESS OTHERWISE NOTED)

LEGEND:

- - - - - PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT
- - - - - PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT
ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED. TRENCH WIDTH = 3'.
DIRECTIONAL DRILLING IS APPROVED TO A MAXIMUM DEPTH OF 33 INCHES. ALL SERVICE CONTROL VALVES AND METER VALVES LOCATIONS MUST BE VERIFIED PRIOR TO CONSTRUCTION AND 3 FEET OF HORIZONTAL SEPARATION MUST BE MAINTAINED. SHOULD FIELD CONDITIONS REQUIRE ADDITIONAL ENGINEERING SERVICES OR RELOCATION, THEN CDOT SHOULD SUBMIT FUNDING AND/OR RFI FOR OWN APPROVAL PRIOR TO INSTALLATION.

ALL CONDUIT IS TO BE SCM, 80 - INSTALLED USING OPEN CUT TRENCH METRIC - UNLESS OTHERWISE NOTED TRENCH WIDTH = 2.

NOTE:

"A1" = INSTALL 15" B.G. x 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 3' OFF FACE OF CURB. UNLESS NOTED OTHERWISE.

"D" = DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE

"F" = STREET LIGHT CONTROLLER AS PER DRAWING NO. 880 INSTALL CONCRETE FOUNDATION FOR BASE MOUNTED STREET LIGHT CONTROLLER AS PER DRAWING NO. 880.

FOR CONDUIT CROSSING ABOVE AND BELOW PROPOSED 36" WATER MAIN SEE SHEET GEN-4; UTILITY NOTES 14 & 15.

ELECTRICAL AND WATER MAIN NOTES:

PROPOSED TOP OF PAVEMENT
E2 = 7.16 E3 = 7.21 E4 = 7.54

PROPOSED BOTTOM OF WATER MAIN
E2 = -3.50 E3 = -0.80 E4 = 2.05

PROPOSED TOP OF WATER MAIN
E2 = 1.61 E3 = 2.34 E4 = 5.17

PROPOSED BOTTOM OF ELECTRICAL
E2 = 4.57 E3 = 4.57 E4 = 0.30

PROPOSED ELECTRICAL/WATER VERTICAL CLEARANCES
118" MINIMUM:
E2 = 2.96 E3 = 3.77 E4 = 1.75
LOCATION KEY

- PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

NOTES:

1. "D" - DRILL INTO & CLEAN EXISTING MANSIONE/MANHOLE
2. "Q" - ADJUST FRAME & LID TO GRADE

MATCH LINE 62ND STREET SEE SHEET E-5

MATCH LINE 61ST STREET SEE SHEET E-5

THE MINIMUM VERTICAL CLEARANCE (EDGE-TO-EDGE) FROM WATER MAINS AND SERVICES IS 10-TO-15 FEET (WATER MAINS LESS THAN 16-INCHES) AND WATER STRUCTURES (VALVE BASINS, SERVICE CONTROL VALVES, ETC.) 3 TIMES (3) FEET FOR FEEDER MAINS (WATER MAINS 16-INCHES AND LARGER), THE MINIMUM HORIZONTAL CLEARANCE (EDGE-TO-EDGE) IS FIVE (5) FEET. ALL LIGHT POLE FOUNDATIONS MUST MAINTAIN A MINIMUM OF FIVE (5) FEET HORIZONTAL CLEARANCE (EDGE-TO-EDGE) TO ALL EXISTING WATER FACILITIES.

INSTALL 3" ELBOW AND RISER ON COMED POLE TO BE PAID BY SERVICE INSTALLATION. 900 AMP.

MATCH LINE 62ND STREET SEE SHEET E-5

MATCH LINE 61ST STREET SEE SHEET E-5

LEGEND:

- PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

NOTES:

1. "D" - DRILL INTO & CLEAN EXISTING MANSIONE/MANHOLE
2. "Q" - ADJUST FRAME & LID TO GRADE

ALL CONDUIT IS TO BE SCH. 80. INSTALLED USING OPEN CUT TRENCH METHOD. UNLESS OTHERWISE NOTED TRENCH WIDTH = 2'

LIGHTING AND ELECTRICAL
UNDERGROUND CONDUIT FACILITIES
62ND ST.

JACKSON PARK MOBILITY IMPROVEMENTS

CONTRACT NO.:
PROJECT NO.:
DRAWING NO.:
FILE NAME:
PLOT DATE:
PLOT SCALE:
SHEET NO.:
TOTAL SHEETS:
SCALE:
DESIGN:
DRAWN:
CHECKED:
APPROVED:
DATE:
IN FEET

1194 1434
E 8
SEE SHEET E-7 FOR CONTINUATION OF PROPOSED ELECTRICAL AND LIGHTING WITHIN THIS SECTION

NOTES:
"A"=INSTALL 15" B.C. X 7' HELIX FOUNDATION AS PER DRAWING NO. 950, 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE
"D"=DRILL INTO EXISTING HANDHOLE/MANHOLE

LEGEND:
--- = PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

ALL CONDUIT 3D TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED TRENCH WIDTH = 2'
NOTES:

"A1" - INSTALL 15" B.C. X 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 3' OFF FACE OF CURB. UNLESS NOTED OTHERWISE
SEE SHEET E-4 FOR CONTINUATION OF PROPOSED ELECTRICAL AND LIGHTING WITHIN THIS SECTION

NOTES:

"A1" - INSTALL 15" B.C. X 17" HELIX FOUNDATION AS PER DRAWING NO. 936. 3" OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"C" - INSTALL 36" HEAVY DUTY HANDHOLE AS PER DRAWING NO. 866 #316 24" FRAME AND COVER

"K" - INSTALL 4" X 15" MANHOLE AS PER DRAWING NO. 732 #318 30" FRAME AND COVER (CDOT)

"Q" - ADJUST FRAME & LID TO GRADE

LEGEND:

- - - - PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED

TRENCH WIDTH = 2'
NOTES:

- "A1" - INSTALL 15" B.C. x 7" HELIX FOUNDATION AS PER DRAWING NO. 936. 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE.
- "A4" - INSTALL 20" x 5' CONCRETE FOUNDATION 3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)
- "D" - DRILL INTO & CLEAN EXISTING MANHOLE/MANHOLE
- "F1" - INSTALL CONCRETE PAD FOR 54" X 54" CDOT TRANSCLUSION AS PER DRAWING NO. 680
- "F2" - INSTALL CONCRETE FOUNDATION FOR DISCONNECT SWITCH AS PER DRAWING NO. 880
- "X" - INSTALL 4"X6"X6" MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CDOT)
- "N" - INSTALL 4"X6"X6" MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CPD)
- "O" - ADJUST FRAME & LID TO GRADE
- "Y" - PROPOSED STREET LIGHT FOUNDATION (SEE STRUCTURAL PLAN)
NOTES:
"A1" - INSTALL 15" B.C. x 7' HELIX FOUNDATION AS PER DRAWING NO. 936, 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE.
"A4" - INSTALL 20" x 5' CONCRETE FOUNDATION 3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD).
"N" - INSTALL 4" x 18" MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CPD).

INSTALL 2" ELBOW & RISER ON POLE FROM GRADE AWAY FROM PATH FOR ALL CPD POLE FOUNDATIONS.

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED. TRENCH WIDTH = 2'.

LEGEND:
--- = PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT
----- = PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT

FILE NAME: PLOT DATE: PLOT SCALE: 60.0000 '/ in.

5/17/2021 1199 1434 TOTAL SHEETS SHEET NO. E-13 DRAWING NO.

CONTRACT NO. PROJECT NO. - B-7-203

CORNELL DR.

LIGHTING AND ELECTRICAL UNDERGROUND CONDUIT FACILITIES CORNELL DR.

JACKSON PARK MOBILITY IMPROVEMENTS

CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) UNDERGROUND CONDUIT FACILITIES

CIVIL TECH. LOCAL:CIVIL TECH. PROJECTS\DOCUMENTS\PROJECTS\3153\CAD\SHEETS\ELECTRICAL\UNDERGROUND\ST-ELEC-UNDER-012.dgn

LEGAL TECH. LOCAL: LEGAL TECH. PROJECTS\DOCUMENTS\PROJECTS\3153\CAD\SHEETS\ELECTRICAL\UNDERGROUND\ST-ELEC-UNDER-012.dgn
INSTALL A 12"x12"x12" QUARTZITE TYPE 15 BOX BURIED 6" FROM GRADE AWAY FROM PATH FOR ALL CPD POLE FOUNDATIONS

LEGEND:
- - - - PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT
- - - - PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT

NOTES:
"A4" - INSTALL 20" x 5' CONCRETE FOUNDATION
3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)
"D" - DRILL INTO & CLEAN EXISTING Manhole/MANHOLE

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED
TRENCH WIDTH = 2'

LOCATION KEY
(2)3"-15'
3'-10"
D
PUMP STATION
(SEE PUMP STATION PLANS)

TRENCH WIDTH = 2'
OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED
ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING
OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED
TRENCH WIDTH = 2'

LEGEND:
PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT
PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

PUMP STATION
(SEE PUMP STATION PLANS)
NOTES:

"A1" - INSTALL 15" B.C. X 2' HEEL FOUNDATION AS PER DRAWING NO. 936, 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"A6" - INSTALL 20" X 5' CONCRETE FOUNDATION
3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)

"G" - DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE

"K" - INSTALL 4'X6'X6' MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CDOT)

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED

TRENCH WIDTH = 2'

LEGEND:

- PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT
- PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT

INSTALL 12"X12"X12" QUARTZITE TYPE 15 BOX BURIED 6" FROM GRADE AWAY FROM PATH FOR ALL CPD POLE FOUNDATIONS

 installment 20" x 5' CONCRETE FOUNDATION
 3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)

"G" - DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE

"K" - INSTALL 4'X6'X6' MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CDOT)
All conduit is to be SCH. 80 - installed using open cut trench method, unless otherwise noted. Trench width = 2'.

Legend:
- --- - Proposed CDOT (Chicago Department of Transportation) conduit
- ----- - Proposed CPD (Chicago Park District) conduit

Notes:
- "A1" - Install 15" B.C. x 7' helix foundation as per drawing no. 936, 3' off face of curb, unless noted otherwise
- "A4" - Install 20" x 5' concrete foundation 3' off sidewalk, unless noted otherwise (CPD)
- "A5" - Install 24" x 7' concrete foundation 3' off sidewalk, unless noted otherwise (CPD)
- "B2" - install 32"x18"x18" handhole (CDOT)
- "D" - Drill into & clean existing handhole/manhole
- "F1" - Install concrete pad for 54" x 54" CDOT transclosure as per drawing no. 680
- "K" - Install 4' x 6' x 6' handhole as per drawing no. 732 with 30' frame and cover (CDOT)

See traffic signal plans for proposed foundations, conduit locations, and handhole/manhole locations.

Install a 10"x10"x10" granite pipe 15 box buried 6" from grade away from path for all CPD pole foundations.

Install a 10"x10"x10" granite pipe 15 box buried 6" from grade away from path for all CPD pole foundations.

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NOTES:

"A1"-INSTALL 15" B.C. x 1' HELIX FOUNDATION AS PER DRAWING NO. 936, 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"D"- DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE NO. 936, 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"J"- EXISTING FOUNDATION TO REMAIN

"K"- INSTALL 4'X6'X6' MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CDOT)
ELECTRICAL AND LIGHTING IN THIS AREA WILL BE INSTALLED IN BID PACKAGE 2

INSTALL 2" ELBOW & RISER ON POLE

INSTALL A 12"X12"X12" QUARTZITE TYPE 15 BOX BURIED 6" FROM GRADE AWAY FROM PATH FOR ALL CPD POLE FOUNDATIONS

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED. TRENCH WIDTH ± 2'.

LEGEND:
- - - - PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT
----- - PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT

NOTES:
"A1" - INSTALL 15" B.C. x 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE
"A4" - INSTALL 20" x 5' CONCRETE FOUNDATION 3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)
"A5" - INSTALL 24" x 7' CONCRETE FOUNDATION 3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)
"B2" - INSTALL 32"X18"X18" HANDHOLE (CPD)
"O" - DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE

LEGEND KEY:
PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT
PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT

TRENCH WIDTH = 2'
OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED
ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED. TRENCH WIDTH ± 2'.
INSTALL A 12"x12"x12" QUAYZE TYPE 15 BOX BURIED 6" FROM GRADE AWAY FROM PATH FOR ALL CPD POLE FOUNDATIONS

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CLO TRENCH METHOD, UNLESS OTHERWISE NOTED
TRENCH WIDTH = 2'

LEGEND:

- - - - PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT

NOTES:

"A4"-INSTALL 20" x 5' CONCRETE FOUNDATION
3" OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)
"D"-DRILL INTO & CLEAN EXISTING MANHOLE/MAINTHELLE
NOTES:

"A1"-INSTALL 15" B.C. X 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"A2"-INSTALL 15" B.C. X 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 5' OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"D"-DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE

"F1"-INSTALL CONCRETE PAD FOR 54" X 54" CDOT TRANSCLOSURE AS PER DRAWING NO. 680

"J"-EXISTING FOUNDATION TO REMAIN

"K"-INSTALL 4"X6'/16" MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CDOT)

LEGEND:

- - - - PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED TRENCH WIDTH = 2'

SCALE IN FEET

LOCATION KEY

102' 103' 112' 110' 103' 102' 103' 102' 104' 104' 102'

EXISTING FOUNDATION TO REMAIN

S. LAKE SHORE DR.

TRENCH WIDTH = 2'

OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING

SCALE IN FEET

LOCATION KEY

102' 103' 112' 110' 103' 102' 103' 102' 104' 104' 102'

EXISTING FOUNDATION TO REMAIN
NOTES:

"A1"-INSTALL 15" B.C. x 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 3' OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"A2"-INSTALL 15" B.C. x 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 5' OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"A4"-INSTALL 20" x 5' CONCRETE FOUNDATION 3' OFF SIDEWALK, UNLESS NOTED OTHERWISE (CPD)

"B"-INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER

"D"-DRILL INTO & CLEAN EXISTING HANDHOLE/MANHOLE

"F2"-INSTALL CONCRETE FOUNDATION FOR BASE MOUNTED CPD CONTROLLER AS PER DRAWING NO. 880

"J"-EXISTING FOUNDATION TO REMAIN

"N"-INSTALL 4'x6'x6' MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CPD)

"N3"-INTERCEPT EXISTING CONDUIT WITH 32"x18"x18" MANHOLE (CPD)

"P"-EXISTING STREET LIGHT FOUNDATION (SEE STRUCTURAL PLAN)

INSTALL A 12"X12"X12" QUARTZITE TYPE 10 BOX BURIED 6" FROM GRADE AWAY FROM PATH FOR ALL CPD POLE FOUNDATIONS

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED TRENCH WIDTH = 2'

LEGEND:

- - - PROPOSED CPD (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

- - - - PROPOSED CPD (CHICAGO PARK DISTRICT) CONDUIT
NOTES:

"A2" - INSTALL 15" B.C. X 7' HELIX FOUNDATION AS PER DRAWING NO. 936. 5 OFF FACE OF CURB, UNLESS NOTED OTHERWISE

"B" - INSTALL 30" HANDHOLE AS PER DRAWING NO. 867 WITH 24" FRAME AND COVER

"D" - DRILL INTO & CLEAN EXISTING MANHOLE/HANDHOLE

"E" - EXISTING FOUNDATION TO REMAIN

"H3" - INTERCEPT EXISTING CONDUIT WITH 32"X18"X18" MANHOLE (CPD)

LEGEND:

- - - PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

- - - PROPOSED CPO (CHICAGO PARK DISTRICT) CONDUIT

- - - PROPOSED IDOT (ILLINOIS DEPARTMENT OF TRANSPORTATION) CONDUIT

SECTION

LIGHTING AND ELECTRICAL
UNDERGROUND CONDUIT FACILITIES
LAKE SHORE DR.
NOTES:

"A1"-INSTALL 15" B.C. x 2" HELIX FOUNDATION AS PER DRAWING NO. 936. 5' OFF FACE OF CURB, UNLESS NOTED OTHERWISE
"A6"-INSTALL 24" X 5' CONCRETE HEX FOUNDATION (MSI)
"B"-INSTALL 30" HANDHOLE AS PER DRAWING NO. 634 WITH 24" FRAME AND COVER
"D"-DRILL INTO A CLEAN EXISTING MANHOLE/MANHOLE
"F1"-INSTALL CONCRETE PAD FOR 54" X 54" CDOT TRANSCLOSURE AS PER DRAWING NO. 680
"J"-EXISTING FOUNDATION TO REMAIN
"K"-INTERCEPT EXISTING CONDUITS AND INSTALL 4'X6'X6' MANHOLE AS PER DRAWING NO. 732 WITH 30" FRAME AND COVER (CDOT)
"U"-INSTALL JUNCTION BOX EMBEDDED IN STRUCTURE 21"X17"X6'
"Y"-PROPOSED STREET LIGHTING FOUNDATION (SEE STRUCTURAL PLANS)

LEGEND:

--- = PROPOSED CDOT (CHICAGO DEPARTMENT OF TRANSPORTATION) CONDUIT

----- = PROPOSED MSI (MUSEUM OF SCIENCE AND INDUSTRY) CONDUIT

...... = PROPOSED IDOT (ILLINOIS DEPARTMENT OF TRANSPORTATION) CONDUIT

MATCH LINE STA 1405+900.0 MATCH LINE STA 845+000.0
NOTES:

"U" - INSTALL JUNCTION BOX EMBEDDED IN STRUCTURE 21"X11"X8"

LEGEND:

***** - PROPOSED IDOT (ILLINOIS DEPARTMENT OF TRANSPORTATION) CONDUIT

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED.
TRENCH WIDTH = 2'

SCALE:
1" = 30'

LOCATION KEY

S. LAKE SHORE DR.

EXISTING CONDUIT

CONDUIT

INTERCEPT

EXISTING

LEGEND:

PROPOSED IDOT (ILLINOIS DEPARTMENT OF TRANSPORTATION) CONDUIT

NOTES:

"U" - INSTALL JUNCTION BOX EMBEDDED IN STRUCTURE 21"X11"X8"

LEGEND:

***** - PROPOSED IDOT (ILLINOIS DEPARTMENT OF TRANSPORTATION) CONDUIT

ALL CONDUIT IS TO BE SCH. 80 - INSTALLED USING OPEN CUT TRENCH METHOD, UNLESS OTHERWISE NOTED.
TRENCH WIDTH = 2'

SCALE:
1" = 30'

LOCATION KEY

S. LAKE SHORE DR.

EXISTING CONDUIT

CONDUIT

INTERCEPT

EXISTING

LEGEND:

PROPOSED IDOT (ILLINOIS DEPARTMENT OF TRANSPORTATION) CONDUIT

NOTES:

"U" - INSTALL JUNCTION BOX EMBEDDED IN STRUCTURE 21"X11"X8"
ELECTRICAL AND LIGHTING IN THIS AREA WILL BE INSTALLED IN BID PACKAGE 2

NOTES:
*S*—SPICE FIRE ALARM CABLES IN MANHOLE/MANHOLE
(by others)
NOTES:

"G1"- INSTALL POLE, STREET LIGHTING, ALUMINUM 29.5' ARTERIAL WITH 12' DAUIT ARM AS PER DRAWING 9716.948
INSTALL 400W HPSV EQUIVALENT, 149W LED ART ARTERIAL STREET LIGHTING LUMINAIRE/NOSE AND 120W HPSV EQUIVALENT, 60W, 240V LED ACORN LUMINAIRE/NOSE 135' MOUNTING HEIGHT, ANODIZED

"H"- INSTALL BASE MOUNTED STREET LIGHTING CONTROLLER CONSTANT POWER PER DRAWING NO. 983.984
SINGLE PHASE, 208V, 4-2P-50A 1P-70A 2-1P-30A CIRCUIT BREAKERS, PAINTED BLACK

"E"- INSTALL SERVICE EQUIPMENT AS PER DWG NO. 11925

"S"- SPLICE F/A CABLES IN HANDHOLE/MANHOLE (BY OTHERS)
NOTES:

- "G1" - INSTALL POLE: STREET LIGHTING, ALUMINUM, 29.5'
  ARTERIAL WITH 12' DAVID ARM AS PER DRAWING
  971 & 948
  INSTALL 400W HPsv EQUIVALENT, 149W, 240V LED ARTERIAL
  STREET LIGHTING LUMINAIRE/NODE AND 100W HPsv
  EQUIVALENT, 60W, 240V LED ACRON
  LUMINAIRE/NODE (35" MOUNTING HEIGHT); ANODIZED

- "S" - SPLICE F/A CABLES IN MANHOLE/MAHNOLE (BY OTHERS)
NOTES:

"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 29.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING

HOT 945
INSTALL 400W HPSV EQUIVALENT, 149W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE AND 100W HPSV EQUIVALENT, 60W, 240V LED ACORN LUMINAIRE/NODE 135° MOUNTING HEIGHT, ANODIZED

"H" - INSTALL BASE MOUNTED STREET LIGHTING CONTROLLER
CONSTANT POWER PER DRAWING NO. 983, 984
SINGLE PHASE, 200A, 240V, 4-2P-50A, 1P-70A, 2-1P-30A CIRCUIT BREAKERS, PAINTED BLACK
NOTES:
"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 29.5' MATERIAL WITH 12' DAVIT ARM AS PER DRAWING 971A 948
INSTALL 400W MVPSV EQUIVALENT, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE AND 100W MVPSV EQUIVALENT, 240V LED ACORN LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED

LOCATION KEY
S. STONY ISLAND AVE.

MATCH LINE STA 248+00.0
MATCH LINE STA 257+00.0
MATCH LINE STA 258+00.0
NOTES:

"G1"- INSTALL POLE- STREET LIGHTING, ALUMINUM, 29.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING 9716.046
INSTALLED 400W HPS EQUIVALENT, 149W, 240V LED ARTILLERY STREET LIGHTING LUMINARIA/EQUIVALENT, 60W, 240V LED ACORN LUMINAIRE/ADDED (35' MOUNTING HEIGHT), ANODIZED

"H"- INSTALL BASE MOUNTED STREET LIGHTING CONTROLLER CONSENT POWER PER DRAWING NO. 983.084
SINGLE PHASE, 208A, 240V, 4-2P-50A, 1P-70A, 3-1P-30A, CIRCUIT BREAKERS, PAINTED BLACK

"K"- INSTALL SERVICE EQUIPMENT AS PER DRAWING NO. 11925

SEE SHEET E-34 FOR CONTINUATION OF PROPOSED ELECTRICAL AND LIGHTING WITHIN THIS SECTION
NOTES:

"K" - INSTALL SERVICE EQUIPMENT AS PER DWG# 11925

LOCATION KEY

NOTES:

INSTALL SERVICE EQUIPMENT AS PER DWG# 11925

200A-240V
(28) 60W LED ACORN ART. LUM.
(37) 149W LED ART. LUM.
[281-60W LED ACORN ART. LUM. 200A-240V]

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

CDOT ARTERIAL LIGHTING INSTALLATION PLAN
62ND ST.

MATCH LINE 62ND STREET
SEE SHEET E-30

MATCH LINE 61ST STREET
SEE SHEET E-30

SEE SHEET E-30 MATCH LINE 61ST STREET

S. HARPER AVE.

3-1/CW2/0-849'
SEE SHEET E-32 FOR CONTINUATION OF PROPOSED ELECTRICAL AND LIGHTING WITHIN THIS SECTION

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

NOTES:
"G1" - INSTALL POLT. STREET LIGHTING, ALUMINUM, 29.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING
971 & 948
INSTALL 400W HPS EQUIVALENT, 149W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NOSE AND 100W HPSV EQUIVALENT, 60W, 240V LED ACORN LUMINAIRE/NOSE (35' MOUNTING HEIGHT), ANODIZED

200A-240V
(35) 60W LED ACORN ART. LUM.
(52) 149W LED ART. LUM.
GROUP No. 10
ATLAS No. T-36

LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED
NOTES:

"G1" - INSTALL POLE, STREET LIGHTING; ALUMINUM, 29.5'
ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING
916-948
INSTALL 400W HPSV EQUIVALENT-169W, 240V LED ARTERIAL
STREET LIGHTING LUMINAIRE/NODE AND 100W HPSV
EQUIVALENT-60W, 240V LED ACORN
LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

ATLAS No. 1+36
GROUP No. 12
1:52 149W LED ART. LUM.
1:55 60W LED ACORN ART. LUM.
200A-240V

GROUP No. 10
200A-240V
(35) 60W LED ACORN
ATLAS No. T-36

LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED

MATCH LINE STA 1220+00.0
MIDWAY PLAGANCE (WE. BOUND)

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
CDOT ARTERIAL LIGHTING INSTALLATION PLAN
HAYES DR.

NOTES:

- INSTALL POLE, STREET LIGHTING, ALUMINUM, 29.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING
- INSTALL 400W HPSV EQUIVALENT, 149W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE AND 100K HPSV EQUIVALENT, 60W, 240V LED ACORN LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED

SEE SHEET E-29 FOR CONTINUATION OF PROPOSED ELECTRICAL AND LIGHTING WITHIN THIS SECTION

SEE SCALDED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS.
NJ
MR
01/22/2021
DESIGN:
DRAWN:
CHECKED:
APPROVED:
DATE:
REVISIONS
NO.
BY
DATE
DESCRIPTION
CDOT ARTERIAL LIGHTING
INSTALLATION PLAN
HAYES DR.
OF TRANSPORTATION
CHICAGO DEPARTMENT
JACKSON PARK MOBILITY IMPROVEMENTS
STA. TO STA.
SCALE: 1''=30'
FILE NAME:
2/15/2021
TOTAL SHEETS
SHEET NO.
E-37
DRAWING NO.
CONTRACT NO.
PROJECT NO.
- B-7-203
NOTES:
"G1" - INSTALL POLE; STREET LIGHTING; ALUMINUM; 29.5'
ARTIFICIAL LIGHTING 30' 12'' DAVIT ARM AS PER DRAWING
97' & 94
INSTALL 600V LED ART. EQUIVALENT, 240V LED STREET LIGHTING LUMINAIRE/NODE AND 100W MPVS
EQUIVALENT; 60W, 240V LED ACORN LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED
"H1" - INSTALL 100KVA TRANSFORMER
2-200A MAIN BREAKERS 4-2P-50A & 4-2P-50A; SPARE: 2-1P-70A; 2-1P-30A CIRCUIT BREAKERS, 240V, PAINTED BLACK
SEE DETAIL "AA" FOR HIGH-VOLTAGE FUSE COORDINATION
ALL FUSES ARE TO BE 12kV, CURRENT-LIMITING, COOPER-COMBINED TECHNOLOGY, X-LIMITER
AS PER DRAWING 686, 687, 891, & 904
"H2" INSTALL SW304 LOAD BREAKER
SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
NOTES:

"G1" - INSTALL POLE: STREET LIGHTING, ALUMINUM, 29.5'
        ARTERIAL W/ 12" DAVIT ARM AS PER DRAWING
        971&B

INSTALL 400W HPSV EQUIVALENT: 149W, 240V LED ARTERIAL
STREET LIGHTING LUMINAIRE/NODE AND 100W HPSV
EQUIVALENT: 60W, 240V LED ACORN
LUMINAIRE/NODE (35" MOUNTING HEIGHT), ANODIZED

"G4" - INSTALL 400W HPSV EQUIVALENT: 149W GE, 240V LED ARTERIAL
STREET LIGHTING LUMINAIRE
NOTES:

"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 29.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING

STIE #98
INSTALL 400W HPS EQUIVALENT, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE AND 100W HPSV EQUIVALENT, 240V LED ACORN LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
NOTES:
"G1" - INSTALL POLE: STREET LIGHTING, ALUMINUM 29.5' ARTERIAL WITH 12" DAVIT ARM AS PER DRAWING 9716.948
INSTALL 400W HPSV EQUIVALENT, 163W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE NODE AND 100W HPSV EQUIVALENT, 60W, 240V LED ACORN LUMINAIRE NODE (36" MOUNTING HEIGHT; ANODIZED)
"W1" - INSTALL 1000VA TRANSCLOSURE
2-200A MAIN BREAKERS 4-2P-50A, 4-2P-50A (SPARE)
2-1P-70A CIRCUIT BREAKERS, 240V, PAINTED BLACK
SEE DETAIL AA FOR HIGH-VOLTAGE FUSE COORDINATION
ALL FUSES ARE TO BE 12kV, CURRENT-LIMITING, COPPER-COMBINED TECHNOLOGY, X-LIMITER AS PER DRAWING 686, 687, 891, & 904

CIRCUIT #1
(15) 149W LED ART. LUM.
(12) 60W LED ACORN ART. LUM.

CIRCUIT #2
(15) 149W LED ART. LUM.
(12) 60W LED ACORN ART. LUM.

CIRCUIT #3
(3) 60W LED ACORN ART. LUM.
(5) 149W LED ART. LUM.

CIRCUIT #4
(12) 60W LED ACORN ART. LUM.
(12) 149W LED ART. LUM.
SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

NOTES:
"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 29.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING.
971A 948
INSTALL 400W HPSV EQUIVALENT, 149W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE AND 100W HPSV EQUIVALENT, 60W, 240V LED ACORN LUMINAIRE/NODE (35° MOUNTING HEIGHT), ANODIZED
ELECTRICAL AND LIGHTING IN THIS AREA WILL BE INSTALLED IN BID PACKAGE 2

NOTES:

"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 29.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING

INSTALL 400W HPSV EQUIVALENT, 129W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE AND 100W HPSV EQUIVALENT, 60W, 240V LED ACOBART LUMINAIRE/NODE 135° MOUNTING HEIGHT, ANODIZED

SEE SCALABLE UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
CDOT ARTERIAL LIGHTING INSTALLATION PLAN
LAKE SHORE DR.
JACKSON PARK MOBILITY IMPROVEMENTS

NOTES:
"G1" - INSTALL POLE, STREET LIGHTING, ALUMINUM, 29.5'
ARTERIAL WITH 12' DAVID ARM AS PER DRAWING
971A-948
INSTALL 400W MPSV EQUIVALENT, 149W, 240V LED ARTERIAL
STREET LIGHTING LUMINAIRE/NODE AND 100W MPSV
EQUIVALENT, 60W, 240V LED ACORN
LUMINAIRE/NODE (35' MOUNTING HEIGHT), ANODIZED
"G3" - INSTALL POLE, STREET LIGHTING, STEEL, 34.5'
ARTERIAL WITH 12' DAVID ARM - 7CA AS PER DRAWING
808B-307
INSTALL 400W MPSV EQUIVALENT, 149W, 240V LED ARTERIAL
STREET LIGHTING LUMINAIRE/NODE
(40' MOUNTING HEIGHT) - BLACK
"H1" - INSTALL 100kVA TRANSFORMATION
2-200A MAIN BREAKERS 4-2P-50A 30A, 100A
SEE DETAIL AA FOR HIGH-VOLTAGE FUSE COORDINATION
"H1" - INSTALL 100kVA TRANSFORMATION
2-200A MAIN BREAKERS 4-2P-50A 30A, 100A
SEE DETAIL AA FOR HIGH-VOLTAGE FUSE COORDINATION
"P" - PAINT POLE COMPLETE
AS PER DRAWING 686, 687, 891 & 904
COOPER-COMBINED TECHNOLOGY, X-LIMITER
ALL FUSES ARE TO BE 12kV, CURRENT-LIMITING
COOPER-COMBINED TECHNOLOGY, X-LIMITER

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

DETAIL "AA"

CIRCUIT NO.
181 LED ART. LUM.
CIRCUIT #3
CIRCUIT NO.
27 LED ART. LUM.
CIRCUIT #2
CIRCUIT NO.
30 LED ART. LUM.
CIRCUIT #1
CIRCUIT NO.
60 LED ACORN ART. LUM.
GROUP No. 1
ATLAS No. V-36
240V
(23) 149W LED ART. LUM.
GROUP No. 2
ATLAS No. U-37
240V
(30) 60W LED ACORN ART. LUM.
(60) 149W LED ART. LUM.
ALWAYS FOR PROPOSED POLES, ARMS,
SEE TRAFFIC SIGNAL PLANS
FOR HIGH-VOLTAGE
FUSE COORDINATION

FEEDER COORDINATION FOR HIGH-VOLTAGE
SEE DETAIL "BB"
OF MARQUETTE DR.
LAKE SHORE DR. NORTH
TO TRANSCLOSURE T4 ON

PC-221

1800-200A MAIN BREAKERS 4-2P-50A 30A, 100A
SEE DETAIL AA FOR HIGH-VOLTAGE FUSE COORDINATION
"P" - PAINT POLE COMPLETE
AS PER DRAWING 686, 687, 891 & 904
COOPER-COMBINED TECHNOLOGY, X-LIMITER
ALL FUSES ARE TO BE 12kV, CURRENT-LIMITING
COOPER-COMBINED TECHNOLOGY, X-LIMITER

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

DETAIL "AA"

CIRCUIT NO.
181 LED ART. LUM.
CIRCUIT #3
CIRCUIT NO.
27 LED ART. LUM.
CIRCUIT #2
CIRCUIT NO.
30 LED ART. LUM.
CIRCUIT #1
CIRCUIT NO.
60 LED ACORN ART. LUM.
GROUP No. 1
ATLAS No. V-36
240V
(23) 149W LED ART. LUM.
GROUP No. 2
ATLAS No. U-37
240V
(30) 60W LED ACORN ART. LUM.
(60) 149W LED ART. LUM.
ALWAYS FOR PROPOSED POLES, ARMS,
SEE TRAFFIC SIGNAL PLANS
FOR HIGH-VOLTAGE
FUSE COORDINATION

FEEDER COORDINATION FOR HIGH-VOLTAGE
SEE DETAIL "BB"
OF MARQUETTE DR.
LAKE SHORE DR. NORTH
TO TRANSCLOSURE T4 ON

PC-221

1800-200A MAIN BREAKERS 4-2P-50A 30A, 100A
SEE DETAIL AA FOR HIGH-VOLTAGE FUSE COORDINATION
"P" - PAINT POLE COMPLETE
AS PER DRAWING 686, 687, 891 & 904
COOPER-COMBINED TECHNOLOGY, X-LIMITER
ALL FUSES ARE TO BE 12kV, CURRENT-LIMITING
COOPER-COMBINED TECHNOLOGY, X-LIMITER

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

DETAIL "AA"
NOTES:

"G3" - INSTALL POLE, STREET LIGHTING, STEEL, 34.5'
AR TERIAL WITH 12' DAVIT ARM - 7GA AS PER DRAWING
BORB 507
INSTALL 400W HPSV EQUIVALENT, 149W LED ARTERIAL
STREET LIGHTING LUMINAIRE/NODE
(60' MOUNTING HEIGHT), BLACK
NOTES:

"G3" - INSTALL POLE, STREET LIGHTING, STEEL, 34.5'
ARTERIAL WITH 12' DAVID ARM - T5 AS PER DRAWING
BOB & ROY
INSTALL 400W HPSV EQUIVALENT, 240V LED ARTERIAL
STREET LIGHTING LUMINAIRE/NODE
140' MOUNTING HEIGHT: BLACK

"H1" - INSTALL 100kVA TRANSCLUSIONS
2-200A MAIN BREAKERS 4-2P-50A 4-2P-50A (SPARE)
CIRCUIT BREAKERS, 240V, PAINTED BLACK
SEE DETAIL BB FOR HIGH-VOLTAGE FUSE COORDINATION
ALL FUSES ARE TO BE 12kV, CURRENT-LIMITING,
COOPER-COMBINED TECHNOLOGY, X-LIMITER
AS PER DRAWING 686, 687, 891, & 904

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
SEE SCALED UNDERGROUND PLANS DEPICTING WORK ShOWN ON INSTALLATION PLANS

NOTES:
"G3"- INSTALL POLE, STREET LIGHTING, STEEL= 34.5'
ARTERIAL WITH 12' DAVIT ARM - TGA AS PER DRAWING
2008.007
INSTALL 100W HPS EQUIVALENT, 149W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NOSE (140' MOUNTING HEIGHT), BLACK
NOTES:

"G3" - INSTALL POLE, STREET LIGHTING, STEEL, 34.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING.
INSTALL 400W HPS EQUIVALENT, 149W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE (40' MOUNTING HEIGHT), BLACK.

INSTALL 15" B.C. x 7' HELIX FOUNDATION AS PER DRAWING UNLESS OTHERWISE NOTED.
CONDUIT TO BE INSTALLED USING OPEN TRENCH METHOD.
SEE SCALE UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS.

"G3" - INSTALL POLE, STREET LIGHTING, STEEL, 34.5' ARTERIAL WITH 12' DAVIT ARM AS PER DRAWING.
INSTALL 400W HPS EQUIVALENT, 149W, 240V LED ARTERIAL STREET LIGHTING LUMINAIRE/NODE (40' MOUNTING HEIGHT), BLACK.

SEE TRAFFIC SIGNAL PLANS FOR PROPOSED POLES, ARMS, LUMINAIRES, AND CABLE.
SEEN SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.

NOTES:
"P" = PAINT POLE COMPLETE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

S. LAKE SHORE DR.
CDOT ARTERIAL LIGHTING REMOVAL PLAN
STONY ISLAND AV.

DEMONST (12) ELBOW & RISERS AND TSS-98 BOX
240V-90° F/A CABLE
(17) LED ART. LUM.
(17) LED ART. LUM.

1500 F/A CABLE
(EXISTING)

EXT. TSS MANHOLE

ATLAS No. U-37
GROUP No. 1
1843 LED ART. LUM.
240V

1500 F/A CABLE & DEAD F/A CABLES
(17) LED ART. LUM.

240V

RISERS AND TSS-98 BOX
240V-90° F/A CABLE
(17) LED ART. LUM.

1500 F/A CABLE
(EXISTING)

EXT. TSS MANHOLE

ATLAS No. U-37
GROUP No. 1
1843 LED ART. LUM.
240V

1500 F/A CABLE & DEAD F/A CABLES
(17) LED ART. LUM.

240V

RISERS AND TSS-98 BOX
240V-90° F/A CABLE
(17) LED ART. LUM.
NOTES:

"L1" - REMOVE ANCHOR POLE, MAST ARM(S)

"L2" - REMOVE EMBEDDED POLE, MAST ARM(S)

"R1" - REMOVE SERVICE EQUIPMENT

"R2" - REMOVE SERVICE EQUIPMENT

"L" = LUMINAIRE(S) AND BREAKDOWN FOUNDATION

3NC & DEAD CABLES - 610'

18PR F/A CABLE, DEAD F/A CABLES (BY OTHERS)


20-229

DWG. NO.

(20-229) 2#10-100' F/A CABLE (BY OTHERS)

REMOVE TSS-18 BOX (BY OTHERS)

3NC & DEAD POWER CABLES

2W-100' F/A CABLE (BY OTHERS)

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF POLES, ARMS, LUMINAIRES, AND CABLE

240V

(17) 149W LED ART. LUM.

GROUP No. 12

ATLAS No. T-36

GROUP No. 12

ATLAS No. T-37

GROUP No. 12

12PR 149W LEO ART. LUM.

240V

12PR 149W LEO ART. LUM.

240V

S. STONY ISLAND AVE.
NOTES:

"L1" - REMOVE ANCHOR POLE, MAST ARM(S)
W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION

"L2" - REMOVE EMBEDDED POLE, MAST ARM(S)
W/ LUMINAIRE(S)

PRIVATE COMMUNICATION EQUIPMENT SHOULD BE REMOVED PRIOR TO REMOVAL OF POLE BY COMMUNICATIONS COMPANY

MATCH LINE S. STONY ISLAND AVE.

MATCH LINE 62ND STREET SEE SHEET E-56

MATCH LINE 61ST STREET SEE SHEET E-56

LOCATION KEY:

L1: Anchor Pole
L2: Embedded Pole

CDOT ARTERIAL LIGHTING
REMOVAL PLAN
STONY ISLAND AV.

JACKSON PARK MOBILITY IMPROVEMENTS
NOTES:

"L1" - REMOVE ANCHOR POLE, MAST ARM(S)
/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION

"L2" - REMOVE EMBEDDED POLE, MAST ARM(S)
/ LUMINAIRE(S)

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF POLES, MAST, FOUNDATIONS, LUMINAIRE(S) AND CABLE

240V (28) 149W LED ART. LUM.
GROUP No. 11
ATLAS No. T-36

240V (36) 149W LED ART. LUM.
GROUP No. 14
ATLAS No. T-36

240V (38) 149W LED ART. LUM.
GROUP No. 6
ATLAS No. U-35

240V (38) 149W LED ART. LUM.
GROUP No. 6
ATLAS No. U-35

MATCH LINE STA 248+00.0
MATCH LINE STA 257+00.0

STONY ISLAND AVE.
NOTE:
"L1" - REMOVE ANCHOR POLE, MAST ARM(S)
W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION

SEE TRAFFIC SIGNAL PLANS - FOR REMOVAL OF POLES,
ANCHORS, FOUNDATIONS, LUMINAIRES, AND CABLE

SEE SHEET E-57 FOR CONTINUATION OF REMOVAL ELECTRICAL AND LIGHTING
WITHIN THIS SECTION

2-1/0/2 15KV & 2-1/0/2 600V-1010'
(PRIMARY CABLE)

REMOVE RISER ON COWED POLE

ATLAS NO. U-35
GROUP NO. 6
[18] 149W LED ART. LUM.
240V

20-233

240V (38) 149W LED ART. LUM.
GROUP NO. 6
[18] 149W LED ART. LUM.
240V
**CDOT ARTERIAL LIGHTING REMOVAL PLAN**

**LOCATION:** 62ND ST.

**NOTES:**

"R2" - REMOVE SERVICE EQUIPMENT

**MATCH LINE 62ND STREET SEE SHEET E-53**

**MATCH LINE 61ST STREET SEE SHEET E-53**

**S. HARPER AV.**

**ATLAS NO. T-36**

**GROUP NO. 11**

**1210 149W LED ART. LUM. 240V**

**INC-B20**
SEE SHEET E-55 FOR CONTINUATION OF REMOVAL OF LIGHTING WITHIN THIS SECTION

NOTES:
"L1" - REMOVE ANCHOR POLE, WAST ARM(S)
W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION
"R3" - BREAKDOWN HANDHOLE/MANHOLE & FILL WITH SAND

ATLAS No. U-35
GROUP No. 6
(38) 149W LED ART. LUM. 240V

2-1/C#2 15KV & 2-1/C#8 600V (PRIMARY CABLE)

"L1" - W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION
"R3" - BREAKDOWN HANDHOLE/MANHOLE & FILL WITH SAND
NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARM(S) 
W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION
NOTES:

"L1" - REMOVE ANCHOR POLE (MAST ARMS), LUMINAIRE(S) AND BREAKDOWN FOUNDATION

"N" - REMOVE HPSV ARTERIAL LUMINARE
NOTES:

*L1* - REMOVE ANCHOR POLE, MAST ARMS, LUMINAIRES, AND CABLE

"L1" - REMOVE TRANSCLOSURE AND PAD
NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARM(S) 
W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION
NOTES:

"L1" - REMOVE ANCHOR POLE, MAST ARM(S), V. LUMINAIRES(S) AND BREAKDOWN FOUNDATION

"R3" - BREAKDOWN HANDHOLE/MANHOLE AND FILL WITH SAND
NOTES:

"L1" - REMOVE ANCHOR POLE, MAST ARMS
W/LUMINAIRE(S) AND BREAKDOWN FOUNDATION

"R3" - BREAKDOWN HANDHOLE/MANHOLE & FILL WITH SAND

"R4" - REMOVE TRANSCLOSURE & PAD
SEE SHEET E-52 FOR CONTINUATION OF REMOVAL OF LIGHTING WITHIN THIS SECTION

NOTES:
"L1" - REMOVE ANCHOR POLES, MAST ARM(S)
W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION

HAYES DR.  
S. STONY ISLAND AVE.  
E. 63RD ST.  
MATCH LINE STA. 400+50.0

MATCH LINE STA. 400+250.0

2-1/0/02 (15KV) & 2-1/0/06 (600V)
TOP MASTE CABLE!

240V  
600V

GROUP No. 1  
ATLAS No. U-35  
2N-95'  
2N-95'

(70) 341W LUM.
(7) 481W LUM.
2-1/C#2 15KV & 2-1/C#8 600V PRIMARY CABLE

W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION

LOCATION KEY
NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARM(S), LUMINAIRE(S) AND BREAKDOWN FOUNDATION

LOCATION KEY

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF POLES, ARMS, FOUNDATIONS, LUMINAIRES, AND CABLE

CDOT ARTERIAL LIGHTING REMOVAL PLAN
HAYES DR.

JACKSON PARK MOBILITY IMPROVEMENTS

FILE NAME: CDOT SH-ART-REMOVED-020.dgn
PLT DATE: 2/15/2021
PLT SCALE: 60.0000 '/ in.

SCALE IN FEET

L1

ATLAS NO. U=37
GROUP NO. 2
S61144W LED ART. LUM. 240V

2-1/2 CM 15kV & 2-1/2 CM 600V (PRIMARY CABLE)

NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARM(S), LUMINAIRE(S) AND BREAKDOWN FOUNDATION
NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARMS, [LUMINAIRES] AND BREAKDOWN FOUNDATION

SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF POLES, ARMS, FOUNDATIONS, LUMINAIRES, AND CABLE

2-1/CWB 15kV & 2-1/CWB 600V (PRIMARY CABLE)

ATLAS No. L-37
GROUP No. 2
15B1 149W LED ART. LUM.
20V

LOCATION KEY:
M - MA
T - TC
H - LIN
E - STA
5001+

TOTAL SHEETS: 1252
SHEET NO: 1434
E-66

PLOT DATE: 2/15/2021
PLOT SCALE: 60.0000' / in.

DRAWING NO.
CONTRACT NO.
PROJECT NO.
B-7-203
5001
5002
5003
5004
5005+00
5006
5007
5008
NOTES:
*L1* - REMOVE ANCHOR POLE, MAST ARMS, LUMINAIRE(S) AND BREAKDOWN FOUNDATION
*R4* - REMOVE TRANSCLOSURE AND PAD

ATLAS NO. J-37
CELL NO. 149W LED ART. LUM. 240V

SEEN TRAFFIC SIGNAL PLANS FOR REMOVAL OF POLES, MAST ARMS, FOUNDATIONS, LUMINAIRE(S), AND CABLE

2-1/CW2 15KV & 2-1/CW8 600V
(PRIMARY CABLE)

2-1/CW2 15KV & 2-1/CW8 600V
(PRIMARY CABLE)
NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARMS & BREAKDOWN FOUNDATION
240V
(56) 149W LED ART. LUM.
GROUP NO. 2
ATLAS NO. U-37
(PRIMARY CABLE)
2-1/C#2 15KV & 2-1/C#8 600V
2N-116'
2N-116'
2N-100'
2N-102'
2N-111'
2N-97'
HAYES DR.
M-16
M-16
M-11
M-8
MATCH LINE STA 5016+400.0
MATCH LINE STA 5024+600.0
2=1/CW2.15KY & 2=1/CW6 600V
(PRIMARY CABLE)
NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARMS(s)
W/ LUMINAIRES(s) AND BREAKDOWN FOUNDATION
NOTES:
*L1* - Remove anchor pole, mast arms(s)
W/ luminaire(s) and breakdown foundation
*R4* - Remove translosure and pad

CDOT ARTERIAL LIGHTING REMOVAL PLAN
LAKE SHORE DR.

JACKSON PARK MOBILITY IMPROVEMENTS

FILE NAME: 20-248

PL SERIES NO. 19-14

DATE: 01/22/2021

REVISIONS
NO.

DESIGN:

DRAWN:

CHECKED:

APPROVED:

DATE:

FILE NAME:

PLOT DATE:

PLOT SCALE:

60.0000 / in.

SCALE:

1''=30'

LOCATION KEY

"L1"- Remove anchor pole, mast arms(s)
W/ luminaire(s) and breakdown foundation
*R4* - Remove translosure and pad

2-1/CW2 15KV & 2-1/CW4 600V-1800'
(PRIMARY CABLE)

2-1/CW2 15KV & 2-1/CW4 600V
(PRIMARY CABLE)

2-1/CW2 15KV & 2-1/CW4 600V
(PRIMARY CABLE)

SEEN TRAFFIC SIGNAL PLANS FOR REMOVAL OF POLES, LUMINAIRES, AND CABLE

TO TRANSCLUSION ON LAKE SHORE DR. NORTH OF MARQUETTE DR.
(ATLAS V-37 GRP. 31)
CDOT ARTERIAL LIGHTING REMOVAL PLAN
LAKE SHORE DR.

NOTES:
"L1" - REMOVE ANCHOR POLE, MAST ARM(S), LUMINAIRE(S) AND BREAKDOWN FOUNDATION
"R3" - BREAKDOWN HANDHOLE/MANHOLE & FILL WITH SAND

DRAWING NO. 20-249

LOCATION KEY

FILE NAME: CDOT-031.dgn

PLT DATE: 2/15/2021

PLT SCALE: 60.0000' / in.

DESCRIPTION:

ATLAS NO. V-56
GROUP NO. 1
481 149W LED ART. LUM.
240V

2-1/CAB 15KV & 2-1/CAB 600V
PRIMARY CABLE

ATLAS NO. V-56
GROUP NO. 3
481 149W LED ART. LUM.
240V

2N-93'
2N-95'
2N-96'
2N-98'
2N-96'
2N-98'
2N-95'
2N-93'
2N-98'
2N-96'
2N-96'
2N-98'
2N-95'
2N-93'

S. LAKE SHORE DR.
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1
L1

SCALE: 1" = 30'

E-71
NOTES:

"L1" - REMOVE ANCHOR POLE, MAST ARM(S)
W/ LUMINAIRE(S) AND BREAKDOWN FOUNDATION

"R3" - BREAKDOWN HANDBOICE/MANHOLE & FILL WITH SAND
NOTES:

"L1" - REMOVE ANCHOR POLE, MAST ARMS, LUMINAIRES, AND CABLE ARMS, FOUNDATIONS, FOR REMOVAL OF POLES, SEE TRAFFIC SIGNAL PLANS

"R3" - BREAKDOWN HANDHOLE/MANHOLE AND FILL WITH SAND

"R4" - REMOVE TRANSCLOSURE AND PAD
NOTES:
"S" - INTERCEPT EXISTING CPD FEEDERS WITH NEW HIGH COMPRESSION WATERPROOF IN-LINE SPLICES WITHIN EXISTING CPD MANHOLE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
SEE SCALeD UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS...

CPD MANHOLE

CPD MANHOLE

CPD MANHOLE

4-1/COP 15Kv -2960' (INTEGRAL CABLE)

(INSTALL IN 6"-4" CONDUIT ENCASED IN CONCRETE)

LOCATION KEY

CPD MANHOLE

CPD MANHOLE

CPD MANHOLE

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

FILE NAME: p w:\civil-pw-int.civiltech.local:Civiltech Projects\Documents\Projects\3153\CAD\Sheets\Electrical\90% Electrical Submission\Installation\CPD\sh test elect inst cpd-007.dgn

PROJECT NO. B-7-203

DATE 2/22/2021

DRAWN: MR

CHECKED: MR

APPROVED: MR

DATE: 01/22/2021
SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

EXISTING CPD MANHOLE

S. STONY ISLAND AVE.
NOTES:
"C" - INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE, LED, GLOBE, CPD

LEGEND:
- - - 4-1/CMB & 1/CMB GROUND, DIRECT BURY CABLE TO BE INSTALLED IN COMMON TRENCH WITH 2" SPARE CONDUIT SHOWN ON UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE IS TO CROSS UNDERNEATH PLAIN STREET OR DRIVEWAY, INSTALL CABLE INSIDE OF 2" CONDUIT
- - - - 4-1/CMB & 1/CMB GROUND CABLE FOR UNDERPASS LIGHTING
APPROVED CPD MANUFACTURERS/MODELS:

PEDESTRIAN POLE:
BEACON PRODUCTS/RSAP-M15-FT14-08TN3-BBY
SPRING CITY/APSPEW-19-12.00-TN3-0.00-CU
SPRING CITY/APSPEWS-19-14.00-ES1-TN3.00-3.00-CU

LED GLOBE LUMINAIRE:
PHILIPS NAGECO/13078-64W
PEMCO/AST2-50W
WOLFSKIME PSUE-40W

NOTES:
- C- INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE, LED, GLOBE, CPD

LEGEND:
-- -- 4-1/CMS & 1/CMS GROUND. DIRECT BURY CABLE TO BE INSTALLED IN COMMON TRENCH WITH 2" SPARE CONDUIT SHOWN ON UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE IS TO CROSS UNDERNEATH PATH, STREET OR DRIVEWAY INSTALL CABLE INSIDE OF 2" CONDUIT
------ 3-1/CMS AND 1-1/CMS GROUND FOR PUMP STATION POWER FEED
------ 4-1/CMS & 1/CMS GROUND CABLE FOR UNDERPASS LIGHTING

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
NOTES:
"C"- INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE, LED, GLOBE, CPD
"F"- INSTALL FLOOD LIGHT POLE, CPD AND LUMINAIRE, LED, FLOOD, CPD

LEGEND:

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

APPROVED CPD MANUFACTURERS/MODELS:

PEDESTRIAN POLE:
REACON PRODUCTS/PSA5-MA15-F10-48B-TN3-BRT
SPRING CITY/APSPK-18-12.00-1N2.88/3.00-323/1NW-CU
SPRING CITY/APSPK-19-14.00-45-TN5-00/3.00-CU

LEO GLOBE LUMINAIRE:
PHILIPS/HADCO/C13078-64W
PHILIPS/AST2-30W
MOLOPHANE/PSU-M0W

FLOOD LIGHT POLE:
MOLOPHANE/PRINCETON-COLUMBIA/-ROUND TAPERED ALUMINUM
VALMONT/HUNTINGTON
WILLIENG/CONTEMPORARY-MARTFORD

LARGE LED FLOOD LUMINAIRE:
LUMARK/4FLE0 HWNT SALON-128W
AMERICAN ELECTRIC ACPOLED SERIES-123W
MOLOPHANE/PLED-123W

REMARKS DR.

HAYES DR.

D5.6

C5.6

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS.

INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE, LED, GLOBE, CPD
INSTALL FLOOD LIGHT POLE, CPD AND LUMINAIRE, LED, FLOOD, CPD

CORDS & 1/CAB GROUND. DIRECT BURY CABLE TO BE INSTALLED
IN COMMON TRENCH WITH 2" SPARE CONDUIT SHOWN ON
UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE IS TO CROSS
UNDERGROUND PATH, STREET OR DRIVEWAY INSTALL CABLE INSIDE OF
2" CONDUIT
APPROVED CPD MANUFACTURERS/MODELS:

LED GLOBE LUMINAIRES:
- PHILIPS MASCO/C13078-64W
- HOLPHANE PSUE-60W

LED ARTERIAL LUMINAIRES:
- SMARTLUME/SCHREIDER-124W
- LECTEK/LED GREEN COBRA-133W

NOTES:
- "N" - INSTALL LUMINAIRE, LED, ARTERIAL, CPD
- "P" - PAINT POLE COMPLETE
- "U" - INSTALL LUMINAIRE, LED, GLOBE, CPD

LEGEND:
- --- 4" /CHW & 1/CHW GROUND: DIRECT BURY CABLE TO BE INSTALLED IN COMMON TRENCH W/ 2" SPARE CONDUIT SHOWN ON UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE IS TO CROSS UNDERNEATH PATH, STREET OR DRIVEWAY: INSTALL CABLE INSIDE OF 2" CONDUIT
- -EXISTING CABLE TO REMAIN

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS.
NOTES:

"C" - INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE, LED, ARTERIAL, CPD

"D" - INSTALL FLOOD LIGHT POLE, CPD AND LUMINAIRE, LED, FLOOD, CPD

LEGEND:

2" CONDUIT UNDERNEATH PATH, STREET OR DRIVEWAY; INSTALL CABLE INSIDE OF UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE IS TO CROSS COMMON TRENCH WITH 2" SPARE CONDUIT SHOWN ON UNDERGROUND CONDUIT FACILITIES PLAN, INSTALL CABLE INSIDE OF 2" CONDUIT.
NOTES:
"C" - INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE. LED, ARTERIAL, CPD

LEGEND:
--- 4/1/chg & 1/chg ground. Direct bury cable to be installed in common trench with 2" spare conduit shown on underground conduit facilities plan. If cable is to cross underneath path, street or driveway, install cable inside of 2" conduit.

APPROVED CPD MANUFACTURERS/MODELS:

PEDESTRIAN POLE:
BEACON PRODUCTS/WSPK-WPSM-12-40-B-3W-14-8RT
SPRING CITY/APSMP-WPSM-12-40-B-3W-14-8RT
SPRING CITY/APSMP-WPSM-12-40-B-3W-14-8RT

LED GLOBE LUMINAIRE:
PHILIPS/HADCO/C13078-64W
PEMCO/AST2-30W
HOLOPHANE/PSSM-42W

INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE, LED, ARTERIAL, CPD

MATCH LINE STA 9900+00.00 TO STA 95+00.00

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS.
NOTES:

"C" - INSTALL PEDESTRIAN POLE, CPD AND LUMINAIRE, LED, GLOBE, CPD

"M" - RE-INSTALL CPD ARTITIONAL POLE AND INSTALL LUMINAIRE, LED, ARTERIAL, CPD ON PROPOSED FOUNDATION

"N" - INSTALL LUMINAIRE, LED, ARTERIAL, CPD

"P" - PAINT POLE COMPLETE

"U" - INSTALL LUMINAIRE, LED, GLOBE, CPD

LEGEND:

--- -4 1/C#6 & 1/C#8 GROUND, DIRECT BURY CABLE TO BE INSTALLED IN COMMON TRENCH WITH 2" SPARE CONDUIT SHOWN ON UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE MUST CROSS UNDERNEATH PATH, STREET OR DRIVEWAY INSTALL CABLE INSIDE OF 2" CONDUIT

--- -3 1/C#6 & 1/C#8 GROUND FOR PUMP STATION POWER FEED

--- -4 /1/C#6 & 1/C#8 GROUND CABLE FOR UNDERPASS LIGHTING

--- -EXISTING CABLE TO REMAIN

APPROVED CPD MANUFACTURERS/MODELS:

PEDESTRIAN POLE:
- BEACON PRODUCTS R548-MA35-F10-04B-TN3-BBY
- SPRING CITY/APSCK-19-12.00-TN2-88/3.00-323/1NW-CU

LED GLOBE LUMINAIRE:
- LEOTEK/LED GREEN COBRA-133W
- SMARTLUME/SCHREDER-104W
- PHILIPS HADCO/C13078-64W

LED ARTERIAL LUMINAIRE:
- PEMCO/AST2-30W
- PHILIPS/RFM-108W
- HOLLIS/HAU-30W

PEDESTRIAN POLE:
- HOLLIS/HAU-30W

NOTE: SEE SCALE UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS.
APPROVED CPD MANUFACTURERS/MODELS:

LED GLOBE LUMINAIRE:
- PHILIPS HACCO/C13078-64W
- HOLEFAN M64W

SMALL LED FLOOD LUMINAIRE:
- LUMARK/RFLED-5 NIGHT FALCON SMALL-51W
- ONYAMA/OLFL SERIES-68W
- CREE/RF35 SERIES-35W

NOTES:
- "O" - RE-INSTALL CPD FLOODLIGHT POLE AND INSTALL LUMINAIRE.
- "U" - INSTALL LUMINAIRE, LED, GLOBE, CPD

LEGEND:
- - - - - 4"-1/CA8 & 1/CA8 GROUND DIRECT BURY CABLE TO BE INSTALLED IN COMMON TRENCH WITH 2" SPARE CONDUIT SHOWN ON UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE TO CROSS UNDERNEATH PATH, STREET OR DRIVEWAY INSTALL CABLE INSIDE OF 2" CONDUIT
- - EXISTING CABLE TO REMAIN

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
NOTES:

"H2" - RE-INSTALL CPD CONTROLLER ON PROPOSED FOUNDATION

"I" - INSTALL ORNAMENTAL POLE, CPD ON EXISTING FOUNDATION

"J" - INSTALL PEDESTRIAN POLE, CPD AND INSTALL LUMINAIRE, LED GLOBE, CPD ON PROPOSED FOUNDATION

"L" - INSTALL TRAFFIC SIGNAL POST WITH 2-SECTION HEAD

LEGEND:

- - - 4-1/C#8 & 1/C#10, 600V SUBMARINE CABLE FOR NAVIGATIONAL SIGNALS

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
TO EXISTING CPD SWITCHGEAR

100KVA TRANSFORMER

CPD CONTROLLER

LEGEND:
--- 4-1/CH#6 & 1/CH#8 GROUND, DIRECT BURY CABLE TO BE INSTALLED IN COMMON TRENCH WITH 2" SPARE CONDUIT SHOWN ON UNDERGROUND CONDUIT FACILITIES PLAN. IF CABLE IS TO CROSS UNDERNEATH PATH, STREET OR DRIVEWAY INSTALL CABLE INSIDE OF 2" CONDUIT
--- 3-1/CH#2 AND 1-1/CH#8 GROUND FOR PUMP STATION POWER FEED
--- 3-1/CH#350 KCMIL FOR CONTROLLER POWER FEED
"""" 4-1/CH#6 & 1/CH#8 GROUND CABLE FOR UNDERPASS LIGHTING
--- 2-1/CH#2 15KV & 1/CH#8 (PRIMARY CABLE)

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

---"
APPROVED CPD MANUFACTURER/MODEL:

CREE/RF35 SERIES-35W
OHYAMA/OLFL SERIES-68W
LUMARK/NFFLED-S NIGHT FALCON SMALL-51W

NOTES:

"O2"- RE-INSTALL CPD FLOODLIGHT POLE AND INSTALL LUMINAIRE, LED FLOOD, SMALL, CPD ON EXISTING FOUNDATION

"O6"- INSTALL LUMINAIRE, LED, FLOOD, SMALL, CPD ON EXISTING CPD FLOODLIGHT POLE

LEGEND:

- - - - 2-1/C#6 & 1/C#8 GROUND CABLE FOR FLOOD LIGHTING

SEE SCALLED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
NOTES:
*R3* - BREAKDOWN MANHOLE/MANHOLE AND FILL WITH SAND

LEGEND:
- CPD CABLES TO BE REMOVED

EXISTING CPD MANHOLE

4-1/C#3 -2660'

MATCH LINE STA 239+00.0

S. STONY ISLAND AVE.
NOTES:
"R3"-BREAKDOWN MANHOLE/MANHOLE AND FILL WITH SAND

LEGEND:
--- CPD CABLES TO BE REMOVED

FILE NAME: 90% Electrical Submittal Removal CPD.shp-elec-remv-cpd-007.dgn

FILe NAME: 2660'

TOTAL SHEETS: 1278
SHEET NO.: E-92
DRAWING NO.: 240+00
CONTRACT NO.: B-7-203
NOTES:
"R3"-BREAKDOWN MANHOLE/MANHOLE AND FILL WITH SAND

LEGEND:
- CPD CABLES TO BE REMOVED
NOTES:
"O" - REMOVE CPD EMBEDDED FLOOD LIGHT POLE AND FLOOD LUMINAIRE

LEGEND:
- CPD CABLES TO BE REMOVED

MATCH LINE STA 9022+35.0
MATCH LINE STA 9008+50.0

HAYES DR.

RICHARDS DR.

MATCH LINE STA 9086+00.0
LEGEND:
- CPD CABLES TO BE REMOVED
- CPD CABLES TO REMAIN

NOTES:
"C" - REMOVE CPD PEDESTRIAN POLE AND GLOBE LUMINAIRE
"A" - REMOVE CPD ARTESIAL LUMINAIRE
"U" - REMOVE CPD GLOBE LUMINAIRE
NOTES:

"K" - REMOVE CPD POLE, DAVID ARM, ARTERIAL LUMINAIRE, AND BREAKDOWN FOUNDATION (CPD POLE AND DAVID ARM TO BE RELOCATED TO PROPOSED LOCATION)

"N" - REMOVE CPD ARTERIAL LUMINAIRE

"U" - REMOVE CPD GLOBE LUMINAIRE

LEGEND:

- CPD CABLES TO BE REMOVED
- CPD CABLES TO REMAIN
NOTES:

"O" - REMOVE CPD FLOOD LIGHT POLE, FLOOD LUMINAIRE, AND BREAKDOWN FOUNDATION (CPD FLOOD LIGHT POLE TO BE RELOCATED & LED FLOOD LIGHT TO BE INSTALLED AT PROPOSED LOCATION)

"W" - REMOVE CPD GROUND MOUNTED LUMINAIRE & BREAKDOWN FOUNDATION

"U" - REMOVE CPD GLOBE LUMINAIRE
NOTES:

"F" - REMOVE CPD FLOOD LIGHT POLE, FLOOD LUMINAIRE, AND
      BREAKDOWN FOUNDATION (CPD FLOOD LIGHT POLE
      TO BE RELOCATED & LED FLOOD LUMINAIRE TO BE
      INSTALLED AT PROPOSED LOCATION)

"O" - REMOVE CPD ORNAMENTAL POLE & LUMINAIRES

"P" - REMOVE CPD PEDESTRIAN POLE, LUMINAIRE, AND
      BREAKDOWN FOUNDATION (CPD PEDESTRIAN POLE
      TO BE RELOCATED & LED CLOSE LUMINAIRE TO BE
      INSTALLED AT PROPOSED LOCATION)

"L" - REMOVE POST WITH TRAFFIC SIGNAL ON EXISTING BOLLARD

"H" - BREAKDOWN HANDHOLE/MANHOLE AND FILL WITH SAND

"W" - REMOVE CPD GROUND MOUNTED LUMINAIRE & BREAKDOWN FOUNDATION

"Z" - REMOVE CPD CONTROLLER AND BREAKDOWN FOUNDATION
      (CPD CONTROLLERS TO BE RELOCATED TO PROPOSED LOCATION)

LEGEND:

- CPD CABLES TO BE REMOVED
- CPD CABLES TO REMAIN

FILE NAME: E-99
PLOT DATE: 2/15/2021
PLOT SCALE: 60.0000'/in.

TOTAL SHEETS: 1285
SHEET NO.: 1434
DRAWING NO.: E-99
CONTRACT NO.: B-7-203
PROJECT NO.: J

LOCATION KEY:

NOTE: THIS DRAWING IS AN EXACT COPY OF ORIGINAL DRAWING NO. E-99.
LEGEND:
- CPD CABLES TO BE REMOVED
- CPD CABLES TO REMAIN

TO EXISTING CPD SWITCHGEAR
CPD TRANSFORMER
CPD CONTROLLER

FILE NAME: E-100
REVISION NO. 3
DATE 2/15/2021
PLOT DATE 2/15/2021
PLOT SCALE 1" = 30'

SCALE IN FEET

LOCATION KEY

CPD ORNAMENTAL LIGHTING
REMOVAL PLAN
LAKE SHORE DR.

CPD CONTROLLER
CPD TRANSFORMER
TO EXISTING CPD SWITCHGEAR
NOTES:

"F" - REMOVE CPD FLOOD LIGHT POLE, FLOOD LUMINAIRE, AND BREAKDOWN FOUNDATION (CPD FLOOD LIGHT POLE TO BE RETAINED & LED FLOOD LUMINAIRE TO BE INSTALLED AT PROPOSED LOCATION).

"W" - REMOVE CPD GROUND MOUNTED LUMINAIRE & BREAKDOWN FOUNDATION

"Y" - REMOVE LED FLOOD LUMINAIRE
CPD UNDERPASS LIGHTING
INSTALLATION & REMOVAL PLAN
59TH ST. UNDERPASS

INSTALLATION PLAN

- Proposed Precast Arch
- Proposed 4-1/8" & 1-1/2" Cable
- Install 4-1/8" & 1-1/2" Cables to Existing Junction Box
- 3/4" Conduit and Cable to be Installed

EXISTING PRECAST ARCH (TYP. 1)

REMOVAL PLAN

- Proposed Semi-Recessed CPD
- 240V LED Underpass Luminaire
- Existing CPD Pedestrian
- 240V Underpass Luminaire
- Proposed 6" x 6" x 4" Cast Iron Junction Box Replaced in Concrete
- Existing 6" x 6" x 4" Cast Iron Junction Box Replaced in Concrete
- Proposed 3/4" Conduit and Cable
- Existing 3/4" Conduit and Cable

Underpass luminaires, supports, junction boxes, and mounting accessories will be paid for by Underpass Lighting.

-proposals-0102.pdf
INSTALLATION PLAN

1. ALL CONDUITS TO BE FASTENED SECURELY AT 5' INTERVALS WITH BEAM CLAMPS AND MOUNTING ACCESSORIES WILL BE PAID FOR BY UNDERPASS LIGHTING

REMOVAL PLAN

1. ALL CONDUITS TO BE FASTENED SECURELY AT 5' INTERVALS WITH BEAM CLAMPS AND MOUNTING ACCESSORIES WILL BE PAID FOR BY UNDERPASS LIGHTING
**CPD UNDERPASS LIGHTING**
**INSTALLATION & REMOVAL PLAN**
**63RD ST. UNDERPASS**

**INSTALLATION PLAN**

- **Proposed Pre-cast Arch**
- **Existing Pre-cast Arch (Typ.)**
- **Underpass Luminaires, Supports, Junction Boxes, and Mounting Accessories will be paid for by Underpass Lighting**

**REMOVAL PLAN**

- **Proposed Semi-Recessed CPD 240V LED Underpass Luminaire**
- **Existing CPD Pedestrian 240V Underpass Luminaire**
- **Proposed 6"x6"x4" Cast Iron Junction Box, Recessed in Concrete**
- **Existing 6"x6"x4" Cast Iron Junction Box, Recessed in Concrete**
- **Proposed 3/4" conduit and cable**
- **Existing 3/4" conduit and cable**

**DRAWINGS:**
- Page 63
- Section: 3153
- Sheet: E-104

**REVISIONS:**
- No.
- By
- Date

**FILE NAME:**

**PLOT DATE:**

**PLOT SCALE:**

**SCALE:**

**NOTES:**

- To Existing Junction Box
- Cable in 3/4" Conduit
- 240V Underpass Luminaires
- Proposed 3/4" Conduit and Cable
- Existing 3/4" Conduit and Cable
INSTALLATION PLAN

UNDERPASS LUMINAIRES, SUPPORTS, JUNCTION BOXES, AND MOUNTING ACCESSORIES WILL BE PAID FOR BY UNDERPASS LIGHTING
INSTALLATION PLAN

UNDERPASS LUMINAIRES, SUPPORTS, JUNCTION BOXES,
AND MOUNTING ACCESSORIES WILL BE PAID FOR BY UNDERPASS LIGHTING

PROPOSED 4-1/C#12 & 1-1/C#12 CABLE IN 3/4" CONDUIT
SEE DRAWINGS E-20 & E-86

INSTALL 4-1/C#12 & 1-1/C#12 GRD.
CABLE IN 3/4" CONDUIT TYP.

INSTALL 3-1/C#12 & 1-1/C#12 GRD.
CABLE IN 3/4" CONDUIT TYP.

INSTALL 2-1/C#12 & 1-1/C#12 GRD.
CABLE IN 3/4" CONDUIT TYP.

INSTALL 2-1/C#12 & 1-1/C#12 GRD.
CABLE IN 3/4" CONDUIT TYP.

PROPOSED PRECAST ARM TYP.

PROPOSED 240V LED UNDERPASS LUMINARE

PROPOSED 6"x6"x4" CAST IRON
JUNCTION BOX RECESSED IN CONCRETE

PROPOSED 3/4" CONDUIT AND CABLE

SEE DRAWINGS E-20 & E-86

2/15/21

5352
1434
1292
INSTALLATION PLAN

UNDERPASS LUMINAIRES, SUPPORTS, JUNCTION BOXES, AND MOUNTING ACCESSORIES WILL BE PAID FOR BY UNDERPASS LIGHTING.

PROPOSED 4-1/C#8 & 1-1/C#8 CABLE IN 3/4" CONDUIT
SEE DRAWINGS E-12 & E-79

INSTALL 2-1/CH12 & 1-1/CH12 GRD. CABLE IN 3/4" CONDUIT TO PROPOSED JUNCTION BOX

PROPOSED PRECAST ARCH (TYP.)

INSTALL 4-1/CH12 & 1-1/CH12 GRD. CABLE IN 3/4" CONDUIT (TYP.)

INSTALL 2-1/CH12 & 1-1/CH12 GRD. CABLE IN 3/4" CONDUIT

PROPOSED 4-1/C#8 & 1-1/C#8 CABLE IN 3/4" CONDUIT

PROPOSED 6"x6"x4" CAST IRON JUNCTION BOX RECESSED IN CONCRETE

PROPOSED 3/4" CONDUIT AND CABLE

PROPOSED SEMI-RECESSED CPD 240V LED UNDERPASS LUMINAIRE

PROPOSED 6"x6"x4" CAST IRON JUNCTION BOX RECESSED IN CONCRETE

PROPOSED 3/4" CONDUIT AND CABLE

240V LED UNDERPASS LUMINAIRE

AND MOUNTING ACCESSORIES WILL BE PAID FOR BY UNDERPASS LIGHTING.
NOTES:

1- REMOVE EXISTING FUSE IN SWITCHGEAR AND INSTALL 20A 12kV, CURRENT-LIMITING, COOPER-COMBINED TECHNOLOGY X-LIMITER FUSE

2- INSTALL 30A SUB-PANEL WITH BREAKERS TO PROVIDE SERVICE TO CONTROLLER

3- REMOVE EXISTING 37.5kVA TRANSFORMER AND INSTALL A 100kVA TRANSFORMER

4- REMOVE EXISTING PANEL AND INSTALL 300A PANEL WITH BREAKERS IN CONTROLLER. RE-INSTALL EXISTING CIRCUITS TO NEW PANEL. ADD 2P-1-100A BREAKER FOR PROPOSED PUMP STATION

5- REMOVE EXISTING 225A PANEL AND INSTALL NEW PANEL WITH BREAKERS. RE-INSTALL EXISTING CIRCUITS TO NEW PANEL. ADD 3P-50A BREAKER FOR PROPOSED PUMP STATION AND (6) 30A BREAKERS FOR UNDERPASS LUMINAIRES AND PATH LUMINAIRES

INSTALLATIONS AND REMOVALS ON THIS SHEET WILL BE PAID FOR BY ELECTRICAL UPGRADES
NOTES:

1 - REMOVE EXISTING 70A PANEL WITH BACKBOARD AND INSTALL NEW 200A PANEL WITH BACKBOARD AND BREAKERS. RE-INSTALL EXISTING CIRCUITS TO NEW PANEL AND 100A BREAKER FOR PROPOSED PUMP STATION AND (8) 30A BREAKERS FOR UNDERPASS LUMINARIES AND PATH LUMINARIES.

2 - INSTALL 30A BREAKER FOR PROPOSED PATH AND FLOOD LUMINARIES.

INSTALLATIONS AND REMOVALS ON THIS SHEET WILL BE PAID FOR BY ELECTRICAL UPGRADES.
NOTES:
"M3" - REMOVE ORNAMENTAL POLE, MSI, LUMINAIRE, AND BREAKDOWN FOUNDATION
NOTES:
"G4" - INSTALL ORNAMENTAL POLE, MSI ON PROPOSED FOUNDATION

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

- 2-1/CWB & 1-1/CWB=511'
- FOR (DOT TSC CABINET)
- 3001 HEAVY DUTY MANHOLE
- 3001 HEAVY DUTY MANHOLE (EXISTING)
- 4/CWB=60'
- 6' DIA. INDUCTION LOOP IN OUTSIDE LANE (PROPOSED)
- 2-4/CWB EX.
- 6' DIA. INDUCTION LOOPS IN EACH LANE (EXISTING)
- 6/CWB=101'
- 50/CWB EX.
- SPLICE EXISTING CABLES AND PROPOSED CABLES IN JUNCTION BOX
- 6' DIA. INDUCTION LOOPS IN EACH LANE (EXISTING)

S. LAKE SHORE DR.
SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

IDOT HEAVY DUTY HANDHOLE (EXISTING)

IDOT TSC CABINET

POWER CABLE TO BOWLING GREEN BUILDING

6" CM19-112'

4" CM18-78'

6' DIA. INDUCTION LOOP IN OUTSIDE LANE (PROPOSED)

2-4" CM18 EX.

6' DIA. INDUCTION LOOP IN EACH LANE (EXISTING)

50' CM19 EX.

SPLICE EXISTING CABLES AND PROPOSED CABLES IN JUNCTION BOX

6' DIA. INDUCTION LOOP IN EACH LANE (EXISTING)

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

IDOT ELECTRICAL INSTALLATION PLAN
LAKE SHORE DR.
SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS

SPlice EXISTING CABLES
AND PROPOSED CABLES
IN JUNCTION BOX

2-1.25" INNERDUCT - 678'
50/C#19-678'

S. LAKE SHORE DR.

50/C#19 EX.

EX.

SEE SCALED UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS
SEE SCALD UNDERGROUND PLANS DEPICTING WORK SHOWN ON INSTALLATION PLANS.
NOTES:
"Q1" - BREAKDOWN IDOT HEAVY DUTY HANDHOLE
"Q2" - REMOVE IDOT JUNCTION BOX
NOTES:
"O" - BREAKDOWN HEAVY DUTY IDOT MANHOLE
POWER CABLE TO BOWLING GREEN BUILDING

IDOT HEAVY CUTY HANDHOLE (EXISTING)

IDOT TSC CABINET

6/C#19-112'

S. LAKE SHORE DR.

50/C#19 EX.

NO. 936, 5 OFF FACE OF CURB, UNLESS NOTED OTHERWISE

INSTALL 15" B.C. x 7' HELIX FOUNDATION AS PER DRAWING UNLESS OTHERWISE NOTED

CONDUIT TO BE INSTALLED USING OPEN TRENCH METHOD,

30

0

0

30

0

30

0

9701

9702

9703

9704

9705

9706

9707

9708

9709

9710

9711

9712

9713

9714

9715
NOTES:
"Q2" - REMOVE IDOT JUNCTION BOX
**Installation Methods for Installing Conduit Under Paved Street**

**CITY OF CHICAGO**

**DEPARTMENT OF TRANSPORTATION**

**DIVISION OF ELECTRICAL ENGINEERING**

**CONTRACT NO.**

**PROJECT NO.**

**DATE**

**AUTHOR**

**DRAWN**

**CHECKED**

**APPROVED**

**DATE**

**REVISIONS**

**NO.**

**BY**

**DATE**

**DESCRIPTION**

**FILE NAME**

**PLOT DATE**

**PLOT SCALE**

**NJ MR 01/22/2021**

**DESIGN**

**DRAWN**

**CHECKED**

**APPROVED**

**DATE**

**REVISIONS**

**NO.**

**BY**

**DATE**

**DESCRIPTION**

**FILE NAME**

**PLOT DATE**

**PLOT SCALE**

**NJ MR 01/22/2021**

**DESIGN**

**DRAWN**

**CHECKED**

**APPROVED**

**DATE**

**REVISIONS**

**NO.**

**BY**

**DATE**

**DESCRIPTION**

**FILE NAME**

**PLOT DATE**

**PLOT SCALE**

**NJ MR 01/22/2021**

**DESIGN**

**DRAWN**

**CHECKED**

**APPROVED**

**DATE**

**REVISIONS**

**NO.**

**BY**

**DATE**

**DESCRIPTION**

**FILE NAME**

**PLOT DATE**

**PLOT SCALE**
NOT TO SCALE

CPD STANDARD VIADUCT LUMINAIRE DETAIL

NOT TO SCALE

CPD STANDARD WIRE TRENCH DETAIL

NOT TO SCALE

STANDARD METHOD FOR BACKFILLING CABLE AND CONDUIT TRENCHES IN SODDED PARKWAY LAWNS OR PAVED AREAS

NOTES

1. THE WIRE TRENCH SHALL BE 1'-6" FROM THE PROPOSED EDGE OF THE SOFT SURFACE AND THE LIGHT POLE SHALL BE 3'-0" TO CENTER OF FOUNDATION FROM THE EDGE OF THE SOFT SURFACE. HAND HOLES SHALL BE LOCATED BETWEEN THE WIRE TRENCH AND THE PROPOSED LIGHT POLE. IN AREAS WHERE NO SOFT SURFACE EXISTS, THE WIRE TRENCH SHALL BE 1'-6" FROM THE EDGE OF THE PROPOSED TRAIL AND THE LIGHT POLE SHALL BE 3'-0" TO CENTER OF FOUNDATION FROM EDGE OF THE PROPOSED TRAIL.


FOR INFORMATION ONLY

CPD ELECTRICAL DETAILS

JACKSON PARK MOBILITY IMPROVEMENTS

FOR INFORMATION ONLY

Allen Robbins

ELECTRICAL DETAILS

FOR INFORMATION ONLY

NJ
MR
01/22/2021

FILE NAME:
PLOT DATE:
PLOT SCALE:
60.0000' / in.
2/15/2021

TOTAL SHEETS
SHEET NO.
E-141

DRAWING NO.

CONTRACT NO.
PROJECT NO.

- B7-203

FOR INFORMATION ONLY
Where to start tunneling

Modern tunneling equipment makes it possible for accurate runs of up to 400 feet. When long, continuous runs are not needed or possible, trenching can be used between trees. When the trench approaches a tree’s root zone, tunneling should resume.

There is no sure way to determine the safest minimum distance between a tree trunk and a trench or tunnel access pit. However, here are some guidelines:

- Stay out of the drip line.
- Stop trenching when roots of 2 inches or larger are encountered.

TUNNELING SPECIFICATIONS

<table>
<thead>
<tr>
<th>Tree Size*</th>
<th>Distance (each side of tree)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;10&quot;</td>
<td>5 feet (10' total)</td>
</tr>
<tr>
<td>10&quot; to 19&quot;</td>
<td>10 feet (20' total)</td>
</tr>
<tr>
<td>&gt;19&quot;</td>
<td>15 feet (30' total)</td>
</tr>
</tbody>
</table>

* DBH = Diameter at Breast Height (4.5’)

Where tunneling is not feasible, Air Spade Excavation or Hand Digging with the retention of roots larger than 2 inches would be acceptable following the same distance specifications as tunneling.
TOPSOIL STRIPPING = 4.87 SQ. FT
TOPSOIL PLACEMENT = 4.87 SQ. FT
CUT = 1.36 SQ. FT.
UNSUITABLE = 0.00 SQ. FT.
FILL = 0.00 SQ. FT.

TOPSOIL STRIPPING = 4.87 SQ. FT
TOPSOIL PLACEMENT = 4.87 SQ. FT
CUT = 1.36 SQ. FT.
UNSUITABLE = 0.00 SQ. FT.
FILL = 0.00 SQ. FT.

TOPSOIL STRIPPING = 4.87 SQ. FT
TOPSOIL PLACEMENT = 4.87 SQ. FT
CUT = 1.36 SQ. FT.
UNSUITABLE = 0.00 SQ. FT.
FILL = 0.00 SQ. FT.

TOPSOIL STRIPPING = 4.87 SQ. FT
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UNSUITABLE = 0.00 SQ. FT.
FILL = 0.00 SQ. FT.

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FILL = 0.00 SQ. FT.

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UNSUITABLE = 0.00 SQ. FT.
FILL = 0.00 SQ. FT.

TOPSOIL STRIPPING = 4.87 SQ. FT
TOPSOIL PLACEMENT = 4.87 SQ. FT
CUT = 1.36 SQ. FT.
UNSUITABLE = 0.00 SQ. FT.
FILL = 0.00 SQ. FT.
<table>
<thead>
<tr>
<th>Station</th>
<th>Topsoil Stripping</th>
<th>Topsoil Placement</th>
<th>Cut</th>
<th>Unsuitable</th>
<th>Fill</th>
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<tr>
<td>5</td>
<td>22.27 SQ FT</td>
<td>3.92 SQ FT</td>
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<td>10</td>
<td>20.81 SQ FT</td>
<td>4.93 SQ FT</td>
<td>59.82 SQ FT</td>
<td>70.08 SQ FT</td>
<td>5.80 SQ FT</td>
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<tr>
<td>15</td>
<td>21.40 SQ FT</td>
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<td>75.63 SQ FT</td>
<td>75.34 SQ FT</td>
<td>5.50 SQ FT</td>
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<tr>
<td>20</td>
<td>21.90 SQ FT</td>
<td>6.12 SQ FT</td>
<td>77.80 SQ FT</td>
<td>69.33 SQ FT</td>
<td>3.67 SQ FT</td>
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CROSS SECTIONS
S. STONY ISLAND AVE.

JACKSON PARK MOBILITY IMPROVEMENTS

SCALE: AS INDICATED

FILE NAME: p:\civil-pw-int.civiltech.local:Civiltech Projects\Projects\3153\CAD\Sheets\XS\xs-xs-sia.dgn

PLOT DATE: 2/15/2021
PLOT SCALE: 20.0000"/in.
CROSS SECTIONS

E. MIDWAY PLAISANCE (N)

JACKSON PARK MOBILITY IMPROVEMENTS

FILE NAME:
PLOT DATE:
PLOT SCALE:

SCALE:
AS INDICATED

TOTAL SHEETS

0 0 0 0
0 0 0 0
0 0 0 0
10 10 10 10
20 20 20 20
30 30 30 30
40 40 40 40
50 50 50 50
60 60 60 60
70 70 70 70
80 80 80 80
90 90 90 90
100 100 100 100
110 110 110 110
120 120 120 120
130 130 130 130
140 140 140 140
150 150 150 150

5 5 5 5
10 10 10 10
15 15 15 15

0 0 0 0
5 5 5 5
10 10 10 10
15 15 15 15

12004+50.00
12004+77.86
12005+00.00
12005+50.00

TOPSOIL STRIPPING = 20.99 SQ FT
TOPSOIL PLACEMENT = 0.00 SQ FT
CUT = 57.93 SQ FT
UNSUITABLE = 57.93 SQ FT
FILL = 0.00 SQ FT

TOPSOIL STRIPPING = 0.00 SQ FT
TOPSOIL PLACEMENT = 0.00 SQ FT
CUT = 0.00 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

TOPSOIL STRIPPING = 0.00 SQ FT
TOPSOIL PLACEMENT = 0.00 SQ FT
CUT = 0.00 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

TOPSOIL STRIPPING = 11.16 SQ FT
TOPSOIL PLACEMENT = 0.00 SQ FT
CUT = 37.59 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

TOPSOIL STRIPPING = 0.00 SQ FT
TOPSOIL PLACEMENT = 0.00 SQ FT
CUT = 0.00 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

TOPSOIL STRIPPING = 11.16 SQ FT
TOPSOIL PLACEMENT = 0.00 SQ FT
CUT = 11.16 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

FILL =
UNSUITABLE =
CUT =
TOPSOIL PLACEMENT =
TOPSOIL STRIPPING =

OFF 19.21'
ELEV 7.11'
-1.68%
1.09%

OFF 22.00'
ELEV 6.95'
-1.80%
2.00%
### Section 5013+50.00

- **Fill:** 0.00 SQ. FT.
- **Cut:** 10.66 SQ. FT.
- **Topsoil Placement:** 3.19 SQ. FT.
- **Topsoil Stripping:** 42.62 SQ. FT.
- **Unsuitable:** 7.56 SQ. FT.
- **Fill:** 0.00 SQ. FT.

### Section 5013+15.37

- **Fill:** 16.68 SQ. FT.
- **Cut:** 7.11 SQ. FT.
- **Topsoil Placement:** 3.16 SQ. FT.
- **Topsoil Stripping:** 8.97 SQ. FT.
- **Fill:** 2.86 SQ. FT.

### Section 5013+00.00

- **Fill:** 18.49 SQ. FT.
- **Cut:** 4.05 SQ. FT.
- **Topsoil Placement:** 4.05 SQ. FT.
- **Topsoil Stripping:** 14.44 SQ. FT.
- **Fill:** 4.80 SQ. FT.

### Section 5012+50.00

- **Fill:** 20.08 SQ. FT.
- **Cut:** 2.51 SQ. FT.
- **Topsoil Placement:** 46.65 SQ. FT.
- **Topsoil Stripping:** 43.52 SQ. FT.
- **Fill:** 0.38 SQ. FT.
CROSS SECTIONS
S. LAKE SHORE DR.

TOPSOIL STRIPPING = 98.78 SQ. FT.
TOPSOIL PLACEMENT = 22.09 SQ. FT.
CUT = 572.35 SQ. FT.
UNSUITABLE = 101.02 SQ. FT.
FILL = 13.84 SQ. FT.

TOPSOIL STRIPPING = 246.53 SQ. FT.
TOPSOIL PLACEMENT = 35.42 SQ. FT.
CUT = 442.08 SQ. FT.
UNSUITABLE = 146.53 SQ. FT.
FILL = 28.74 SQ. FT.
### Cross Sections

#### S. Lake Shore Dr.

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<th>DRAWN:</th>
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#### Areas Checked

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#### Final Survey

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#### Jackson Park Mobility Improvements

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<td>1:400</td>
<td>1</td>
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</tr>
</tbody>
</table>

#### Notes

- Topsoil Stripping: 24.16 SQ FT
- Topsoil Placement: 2.22 SQ FT
- Cut: 44.86 SQ FT
- Unsuitable: 21.64 SQ FT
- Fill: 6.37 SQ FT
CROSS SECTIONS
S. LAKE SHORE DR.

JACKSON PARK MOBILITY IMPROVEMENTS

TOTAL SHEETS 1413
SHEET NO. XS-84

PROJECT NO. -B-7-203
CONTRACT NO.

SCALE: AS INDICATED

TOPSOIL STRIPPING = 0.76 SQ. FT.
TOPSOIL PLACEMENT = 0.00 SQ. FT.
CUT = 33.41 SQ. FT.
UNSUITABLE = 0.79 SQ. FT.
FILL = 220.37 SQ. FT.

TOPSOIL STRIPPING = 63.24 SQ. FT.
TOPSOIL PLACEMENT = 14.92 SQ. FT.
CUT = 33.92 SQ. FT.
UNSUITABLE = 48.32 SQ. FT.
FILL = 224.56 SQ. FT.

FILE NAME: p w:\c iv il-p w -in t.c iv ilte c a l:C iv ilte c h  P ro j e c t s\P ro j e c t s\3 1 5 3 \C A D \S h e e ts\X S \sh t-x s-lsd .d g n
PLANT DATED: 5/17/2021
PLANT SCALE: 20.0000 ' / in.
CROSS SECTIONS
S. LAKE SHORE DR.

JACKSON PARK MOBILITY IMPROVEMENTS

TOPSOIL STRIPPING
- 22.11 SQ. FT.
- 22.38 SQ. FT.
- 22.21 SQ. FT.
- 24.91 SQ. FT.

TOPSOIL PLACEMENT
- 59.86 SQ. FT.
- 1.59 SQ. FT.
- 5.41 SQ. FT.
- 5.59 SQ. FT.

CUT
- 19.99 SQ. FT.
- 0.40 SQ. FT.
- 20.47 SQ. FT.
- 5.59 SQ. FT.

UNSUITABLE
- 50.86 SQ. FT.
- 0.00 SQ. FT.
- 20.68 SQ. FT.
- 20.64 SQ. FT.

FILL
- 4.85 SQ. FT.
- 3.40 SQ. FT.
- 2.93 SQ. FT.
- 2.53 SQ. FT.
Lake Shore Drive Cross Sections

<table>
<thead>
<tr>
<th>STA</th>
<th>TO STA</th>
<th>Scale</th>
<th>DESIGN</th>
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<td>01/22/2021</td>
<td>01/22/2021</td>
<td>01/22/2021</td>
</tr>
</tbody>
</table>

- **Topsoil Stripping**: Various values for different sections.
- **Topsoil Placement**: Various values for different sections.
- **Cut**: Various values for different sections.
- **Unsuitable**: Various values for different sections.
- **Fill**: Various values for different sections.

### Measurements
- **Total Square Footage**:
  - XS-91: 63.77 SQ. FT.
  - XS-91: 35.01 SQ. FT.
  - XS-91: 60.32 SQ. FT.
  - XS-91: 8.53 SQ. FT.
  - XS-91: 43.54 SQ. FT.

### Additional
- **Contract No.**: B-7-203
- **Project No.**: -
- **Plot Date**: 5/17/2021
- **Plot Scale**: 20.0000' / in.
CROSS SECTIONS
PATH SE

TOPSOIL STRIPPING = 0.00 SQ FT
TOPSOIL PLACEMENT = 0.36 SQ FT
CUT = 0.00 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

TOPSOIL STRIPPING = 0.00 SQ FT
TOPSOIL PLACEMENT = 0.96 SQ FT
CUT = 0.00 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

TOPSOIL STRIPPING = 0.00 SQ FT
TOPSOIL PLACEMENT = 1.35 SQ FT
CUT = 0.27 SQ FT
UNSUITABLE = 0.00 SQ FT
FILL = 0.00 SQ FT

FILE NAME:
pw:\civil-pw-int.civitech.local:Civitech Projects\Projects\3153\CAD\Sheets\X S\sh t-x s-p a-th -se.dgn

F I L E  N A M E :  
P L O T  D A T E :  
P L O T  S C A L E :  
20.0000 ' / in .
2/15/2021

TOTAL SHEETS
SHEET NO.

01/22/2021

DESIGN: DRAWN: CHECKED: APPROVED:

DATE: REVISIONS
NO. BY

- B-7-203

PROJECT NO.

- JACKSON PARK MOBILITY IMPROVEMENTS

STA. TO STA.

SCALE: AS INDICATED

- ¶ PATH SE
- ¶ FILL =
- ¶ UNSUITABLE =
- ¶ CUT =
- ¶ TOPSOIL PLACEMENT =
- ¶ TOPSOIL STRIPPING =
- ¶ SQ. FT.
- ¶ SQ. FT.
- ¶ SQ. FT.
- ¶ SQ. FT.
- ¶ SQ. FT.

OFF 0.00'
ELEV 7.20'
-1.50%
1:4

OFF 0.00'
ELEV 7.47'
-1.50%
1:4

OFF 0.00'
ELEV 7.75'
-1.50%
1:4

OFF 0.00'
ELEV 8.02'
-1.50%
1:4

PATH SE

TOTAL
429
1434
TOTAL
1434
TOTAL
1434
TOTAL
1434
TOTAL
1434