GENERAL NOTES:
**City contractor will stake new light pole locations
**The City of CB will not be charged for relocating existing light poles to accommodate the South Expressway Project. Existing pole relocations are completed on separate work orders
**PROJECT CONTACTS
John Carter, HDR , 712-326-3714
Dave Montague, HDR, 712-326-3725
Dave Vermillion, City of CB, 402-957-3263

Install conduit under S. Expressway to implement light circuit loop (looped to the west instead of north to avoid voltage drop issues).
A hand-hole will be installed on the west-side of the street in advance on separate MEC work order.

MEC crew to leave energized loop conductors safely insulated/taped/labeled within the west-side hand-hole for future use.

MEC MAPPING NOTE:
Light circuit loop OPEN POINT

INSTALL for this WMIS includes: (Qty 4 added lights - north-bound traffic between 25th Ave and 23rd Ave) steel poles with 30ft mounting heights, 6ft mast arms, breakaway pole bases with screw anchors. 1 section of 1/0TX UG (165ft), and 5 sections of 4TX UG (915ft total) to serve new light fixtures. (Qty 4) hand-hole enclosures, (Qty 1) secondary pedestal.

BORING CONTRACTOR SCOPE: 6 sections of 2 inch HDPE conduit. Section lengths are: 165ft, 225ft, 195ft, 200ft, 155ft, 140ft. DISCUSS RECENT SEWER INSTALLATIONS WITH CITY CONTRACTOR AND AVOID CONFLICT.

GRAY SHADED AREA
is un-related to this WMIS.

BORING CONTRACTOR:
Sewer crossing location. void Conflict.

BORING CONTRACTOR:
New conduit must avoid conflict with existing MEC primary.

BORING CONTRACTOR:
New conduit must avoid conflict with future sewer installation. Discuss future sewer with MEC & City.
Minimum conduit depth = 8ft.

New pedestal will be placed near the existing pedestal

Cost proposal to City of CB includes 1 additional light south of 25th Ave, as shown on HDR design drawings. 35ft steel pole with 15ft mast arm. hand-hole enclosure near base. (will be installed on separate work order)

510
0004928818
484
140 OF 4 UG AL TRIPLEX
1 - 2.00 - CONTINUOUS POLYETHELYNE
5 10
0021031796
27-0 STEEL
466439
STREET
250 EQUIV - LED
II - GRAY
SE
22
21
4929063
372388
20 15
155 OF 4 UG AL TRIPLEX
1 - 2.00 - CONTINUOUS POLYETHELYNE
0021031621
27-0 STEEL
466438
STREET
250 EQUIV - LED
II - GRAY
9 4
200 OF 4 UG AL TRIPLEX
1 - 2.00 - CONTINUOUS POLYETHELYNE
19 14
0021031452
27-0 STEEL
466437
STREET
250 EQUIV - LED
II - GRAY
8 3
UG1002
600
WN2141 - 6.00 - CONTINUOUS POLYETHELYNE
UG1002
0016189148
0016189150
750 AL PARA
195 OF 4 UG AL TRIPLEX
1 - 2.00 - CONTINUOUS POLYETHELYNE
18 13
0021031105
27-0 STEEL
466420
STREET
250 EQUIV - LED
II - GRAY
7 2
225 OF 4 UG AL TRIPLEX
1 - 2.00 - CONTINUOUS POLYETHELYNE
17 12
0004929064
372389
0015470880
0018398421
359637
1/0 ACSR (1/0 ACSR)
UG
50
FD36
6ET
FD36
0000939601
0000939574
600
511
509
507
505
480
799
549
793
631
797
UG1001
600
UG1001
0000937358
WN214
336 ACSR 18/1 (4/0 ACSR 6/1)
372390
0004929065
0011419737
0011695990
SOUTH EXPRESSWAY
SOUTH EXPRESSWAY
0000939587
508
MEC
0004928239
424
420
25 AVE
0004928826
25
242413
25TH AVENUE
0000937290
1
16 11
6
507
503
429
WN214
425
X309
X309
0000939586
421
UG
0000939575
SE
0021030670
SE
0017707298
453
399
498
393
556
384
617
381
680
378
65 OF 1/0 UG AL TRIPLEX
1 - 2.00 - CONTINUOUS POLYETHELYNE
372387
0004929069
0000936994
127
884

MIDAMERICAN ENERGY COMPANY	Cust: CITY OF COUNCIL BLUFFS	WMS_REV:2977396-1
	Addr: S. Expressway between I-80 & 20th Ave to the north	Date: 8/30/2022
Crew HQ: CBSC	City: COUNCIL BLUFFS X = 993712 Y = 459452	Scale: 1 in = 75 ft
		Designer: FRITZ,ADAM C

Job Desc: City of CB South Expressway Reconstruction Project. Install NEW/ADDITIONAL street light fixtures as requested by HDR for the City of CB.

DISCLAIMER OF LIABILITY
NOTE: This drawing reflects facilities in place at the time of its preparation and is subject to change at any time. For current facility information, please contact MidAmerican Energy Company. Further, MidAmerican Energy Company disclaims all liability and responsibility for all claims and damages including but not limited to, personal injury, death and property damage, resulting from any authorized or unauthorized use of, or reliance upon, this drawing for any purpose.

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Cost proposal to City of CB includes 1 additional light north of 23rd Ave, as shown on HDR design drawings. 27ft steel pole, 30ft mounting height, with 6ft arm. Hand-hole enclosure near base (will be installed on separate work order)

Proposal includes length of conduit & wire based on measurement from proposed new light location to the existing light pole to the north. (approx. 90ft)

Cost proposal to City of CB includes 1 additional light north of 23rd Ave, as shown on HDR design drawings. 35ft steel pole with 15ft mast arm. hand-hole enclosure near base. (will be installed on separate work order)

Proposal includes length of conduit & wire based on measurement from proposed new light location to the existing light pole to the north. (approx. 85ft)

372487
0015434199
372488
0012796852
0015436797
0015677740
359749
0015436781
0014128797
372393
0015436789
0016658688
269516
372392
0015933753
0004929057
288844
0016024065
020560858
0016800842
245195
0015436796
372391
0004929055
SOUTH EXPRESSWAY
SOUTH EXPRESSWAY
0014159492
300
501
434
510
0004928818
252682
0000940368
0000939603
23 AVE
331745
0017339455
509
505
0004928819
530
194
484
141
5 10
0021031796
27-0 STEEL
466439
STREET
250 EQUIV - LED
II - GRAY

MIDAMERICAN ENERGY COMPANY

Crew HQ: CBSC

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