

SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION

THE FOLLOWING REPRESENTS THE SUGGESTED METHOD FOR MAINTAINING DRAINAGE WHILE CONSTRUCTING THE PROPOSED IMPROVEMENTS IN ACCORDANCE WITH THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND CONSTRUCTION STAGING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE DURING ALL STAGES OF CONSTRUCTION. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. THE CONTRACT INCLUDES PAY ITEMS FOR TEMPORARY DRAINAGE ITEMS, PAVEMENT PATCHING, CURB AND GUTTER REPAIR, AND THE VARIOUS ADJUSTMENTS THROUGHOUT ALL STAGES OF WORK. CLASS D PATCHES HAVE BEEN ADDED TO THE CONTRACT FOR USE AS TEMPORARY PATCHING OVER STORM SEWERS. THE COST OF INSTALLATION AND REMOVAL OF TEMPORARY CONNECTIONS, PLUGGING PIPES, AND TEMPORARY GRADING WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE VARIOUS DRAINAGE PAY ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND LOCATIONS OF DRAINAGE ELEMENTS. ANY CHANGE FROM THIS PLAN SHALL ALSO BE SUBJECT TO THE APPROVAL OF ENGINEER.

PRE-STAGE

REMOVE EXISTING DRAINAGE STRUCTURES AND STORM SEWER IN ACCORDANCE WITH THE REMOVAL PLANS AND AS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM.

AT THE FOLLOWING LOCATIONS CONSTRUCT CROSS CULVERTS AND/OR OUTLET PIPES AND DRAINAGE STRUCTURES, REGRADE DITCHES TO ALLOW FLOW INTO AND OUT OF CULVERTS AND STORM SEWERS AS REQUIRED, PATCH PAVEMENT, AND REPAIR CURB AND GUTTER. EXISTING CONNECTIONS TO NEW CULVERTS/STORM SEWERS SHALL BE REESTABLISHED TO MAINTAIN FLOW AS REQUIRED.

- STA. 45+21
- STA. 54+15
- STA. 67+88
- STA. 75+09
- STA. 75+14
- STA. 82+06
- STA. 105+15
- STA. 105+19
- STA. 126+12
- STA. 126+25
- STA. 126+30
- STA. 126+50
- STA. 160+06
- STA. 160+10

CONSTRUCT PROPOSED MAIN DRAIN STORM SEWER AND ASSOCIATED DRAINAGE STRUCTURES WITHIN THE FOLLOWING LIMITS:

FROM STR. NO. TO STR. NO.

- 201A _____ 200 WEST PARKWAY
- 408 _____ 400 WEST PARKWAY
- 510 _____ 500 WEST PARKWAY
- 721 _____ 700 WEST PARKWAY
- 1706 _____ 700 WEST PARKWAY
- 817 _____ 804 WEST PARKWAY
- 804 _____ 800 NORTH PARKWAY - 167TH ST.
- 908 _____ EX903 MEDIAN
- EX962 _____ 965A MEDIAN EXTENDING WEST TO 163RD ST.
- 1107 _____ EX1105 MEDIAN
- 1202 _____ 1201 EAST PARKWAY - JUNCTION CHAMBER TO OUTFALL PIPE

CONSTRUCT LATERAL STORM SEWERS AND ASSOCIATED DRAINAGE STRUCTURES, PATCH PAVEMENT AND REPAIR CURB AND GUTTER AT THE FOLLOWING LOCATIONS:

- STA. 68+87
- STA. 70+34
- STA. 71+87
- STA. 73+34
- STA. 74+84
- STA. 76+34
- STA. 77+13
- STA. 77+86
- STA. 78+77
- STA. 79+38
- STA. 80+17
- STA. 80+90
- STA. 81+66
- STA. 82+45
- STA. 83+25
- STA. 84+05
- STA. 84+85
- STA. 85+65
- STA. 88+15
- STA. 90+73
- STA. 91+83
- STA. 92+93
- STA. 94+23
- STA. 95+53
- STA. 96+83
- STA. 98+13
- STA. 99+43
- STA. 100+73
- STA. 102+03
- STA. 103+33
- STA. 104+53
- STA. 105+65
- STA. 106+67
- STA. 107+69
- STA. 108+71
- STA. 109+73
- STA. 113+29
- STA. 114+79

TEMPORARILY CONNECT THE EXISTING STORM SEWER LATERAL PIPES DRAINING THE SOUTHBOUND EDGE OF PAVEMENT AND MEDIAN DRAINAGE STRUCTURES TO THE PROPOSED WEST PARKWAY MAIN DRAIN STORM SEWER AT THE FOLLOWING LOCATIONS:

- STA. 84+75
- STA. 88+71
- STA. 98+33
- STA. 101+32
- STA. 104+95
- STA. 107+44

PRE-STAGE (CONTINUED)

TEMPORARILY CONNECT THE EXISTING STORM SEWER LATERAL PIPES DRAINING THE SOUTHBOUND EOP DRAINAGE STRUCTURES TO THE PROPOSED MEDIAN MAIN DRAIN STORM SEWER AT THE FOLLOWING LOCATIONS:

- STA. 119+23
- STA. 122+21
- STA. 124+16
- STA. 143+93

AT THE FOLLOWING LOCATIONS TEMPORARY CATCH BASINS AND STORM SEWER SHALL BE INSTALLED AND CONNECTED TO EXISTING DRAINAGE STRUCTURES AND STORM SEWER, PATCH EXISTING PAVEMENT AND INSTALL TEMPORARY PAVEMENT. FOR COMPLETE DETAILS REFER TO THE EROSION CONTROL AND MOT PLANS.

TEMPORARY CATCH BASINS

STR. NO.

- S-1 STA. 39+08 53' LT
- S-2 STA. 40+79 53' LT
- S-3 STA. 43+39 53' LT
- S-4 STA. 119+12 51' LT
- S-5 STA. 122+14 51' LT
- S-6 STA. 124+07 42' LT
- S-7 STA. 125+57 36' LT
- S-8 STA. 125+87 36' LT
- S-9 STA. 128+03 33' LT
- S-10 STA. 129+60 33' LT
- S-11 STA. 133+43 33' LT
- S-12 STA. 135+42 33' LT
- S-13 STA. 137+43 33' LT
- S-14 STA. 139+18 33' LT
- S-15 STA. 141+28 47' LT
- S-16 STA. 143+83 40' LT
- S-17 STA. 145+43 33' LT
- S-18 STA. 147+43 33' LT
- S-19 STA. 150+34 33' LT
- S-20 STA. 151+92 33' LT
- S-21 STA. 153+74 33' LT
- S-22 STA. 155+53 33' LT
- S-23 STA. 157+94 33' LT
- S-24 STA. 160+87 40' LT
- S-25 STA. 162+47 46' LT

TEMPORARY STORM SEWER

PIPE NO. FROM STA. TO STA.

- P-1 39+09 MEDIAN CB TO EOP CB
- P-2 39+03 39+08 TEMP CB TO EXIST CB
- P-3 40+69 40+79 TEMP CB TO EXIST CB
- P-4 43+29 EXIST CB TO DITCH
- P-5 43+29 43+39 TEMP CB TO EXIST CB
- P-1A 84+75 EXIST CB TO PR MAIN DRAIN SS
- P-2A 88+71 EXIST CB TO PR MAIN DRAIN SS
- P-3A 98+33 EXIST CB TO PR MAIN DRAIN SS
- P-4A 101+32 EXIST CB TO PR MAIN DRAIN SS
- P-5A 104+95 EXIST CB TO PR MAIN DRAIN SS
- P-6A 107+44 EXIST CB TO PR MAIN DRAIN SS
- P-6 119+12 119+22 TEMP CB TO EXIST CB
- P-7 122+14 122+24 TEMP CB TO EXIST CB
- P-8 124+07 124+17 TEMP CB TO EXIST CB
- P-9 125+57 125+67 TEMP CB TO EXIST CB
- P-10 125+87 125+77 TEMP CB TO EXIST CB
- P-11 128+03 127+93 TEMP CB TO EXIST CB
- P-12 129+60 129+70 TEMP CB TO EXIST CB
- P-13 133+43 133+33 TEMP CB TO EXIST CB
- P-14 135+42 135+32 TEMP CB TO EXIST CB
- P-15 137+43 137+33 TEMP CB TO EXIST CB
- P-16 139+18 139+08 TEMP CB TO EXIST CB
- P-17 140+91 141+18 NW CORNER OF 163RD ST.
- P-18 141+28 141+18 TEMP CB TO EXIST CB
- P-19 143+83 143+93 TEMP CB TO EXIST CB
- P-20 145+43 145+53 TEMP CB TO EXIST CB
- P-21 147+43 147+53 TEMP CB TO EXIST CB
- P-22 150+34 150+24 TEMP CB TO EXIST CB
- P-23 151+92 152+02 TEMP CB TO EXIST CB
- P-24 153+74 153+84 TEMP CB TO EXIST CB
- P-25 155+53 155+63 TEMP CB TO EXIST CB
- P-26 157+94 158+04 TEMP CB TO EXIST CB
- P-27 160+87 160+97 TEMP CB TO EXIST CB
- P-28 162+47 162+57 TEMP CB TO EXIST CB

PRE-STAGE (CONTINUED)

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID

- STA. 39+03 50' LT
- STA. 40+69 47' LT
- STA. 43+29 50' LT
- STA. 131+25 40' LT

MANHOLES TO BE ADJUSTED

- STA. 69+83 58' LT
- STA. 76+84 60' LT
- STA. 78+81 58' LT
- STA. 152+12 39' LT
- STA. 155+78 39' LT
- STA. 158+13 38' LT

INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID

- STA. 119+20 51' LT
- STA. 122+24 51' LT
- STA. 124+20 42' LT
- STA. 125+67 36' LT
- STA. 125+77 36' LT
- STA. 127+93 33' LT
- STA. 129+70 33' LT
- STA. 133+33 33' LT
- STA. 135+32 33' LT
- STA. 137+33 33' LT
- STA. 139+08 33' LT
- STA. 141+18 47' LT
- STA. 143+93 40' LT
- STA. 145+53 33' LT
- STA. 147+53 33' LT
- STA. 150+24 33' LT
- STA. 152+02 33' LT
- STA. 153+84 33' LT
- STA. 155+63 33' LT
- STA. 158+04 33' LT
- STA. 160+97 33' LT
- STA. 162+57 46' LT

MANHOLES TO BE RECONSTRUCTED

- STA. 72+91 59' LT

STAGE 1

STAGE 1 WORK SHALL INCLUDE THE CONSTRUCTION OF DRAINAGE ELEMENTS WITHIN THE NORTHBOUND LANES AND EAST PARKWAY.

REMOVE EXISTING DRAINAGE STRUCTURES AND STORM SEWER IN ACCORDANCE WITH THE REMOVAL PLANS AND AS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM.

CONSTRUCT PROPOSED MAIN DRAIN STORM SEWER, LATERAL STORM SEWERS, AND INSTALL ASSOCIATED DRAINAGE STRUCTURES WITHIN THE WORK ZONE AND IN ACCORDANCE WITH THE PROPOSED DRAINAGE PLANS.

EXISTING DRAINAGE STRUCTURES AT THE FOLLOWING LOCATIONS SHALL BE ADJUSTED:

MANHOLES TO BE ADJUSTED

- STA. 69+28 58' RT

ADJUST/RECONSTRUCT THE FOLLOWING PREVIOUSLY INSTALLED DRAINAGE STRUCTURES: (AT THE CONTRACTORS OPTION AND WITH THE APPROVAL OF THE ENGINEER, OTHER DRAINAGE STRUCTURES WITHIN THE MEDIAN AREA MAY BE INCLUDED)

INLETS TO BE ADJUSTED CATCH BASINS TO BE ADJUSTED INLETS TO BE RECONSTRUCTED

- | STR. NO. | STR. NO. | STR. NO. | STR. NO. |
|----------|----------|----------|----------|
| • 427 | • 793 | • 728 | • 419 |
| • 513 | • 763 | | • 756 |
| • 537 | • 740 | | • 748 |
| • 529 | • 1717 | | |
| • 521 | • 1725 | | |
| • 724 | | | |



FILE NAME = D:\60F05-SHT-DRAIN NOTES-02.dgn	USER NAME = Anthony.Plutz	DESIGNED - DLT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED SEQUENCE OF DRAINAGE INSTALLATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - NFT	REVISED -			330	103R-3	COOK	932	255	
		PLOT SCALE = 100.00' / in.	CHECKED - DLT			REVISED -	DN-02		CONTRACT NO. 60F05		
SHT.PLAN	PLOT DATE = 3/12/2013	DATE - 03/13/13	REVISED -			SCALE: NONE	SHEET 2	OF 3 SHEETS	STA. 20+30.01	TO STA. 168+04.11	ILLINOIS FED. AID PROJECT