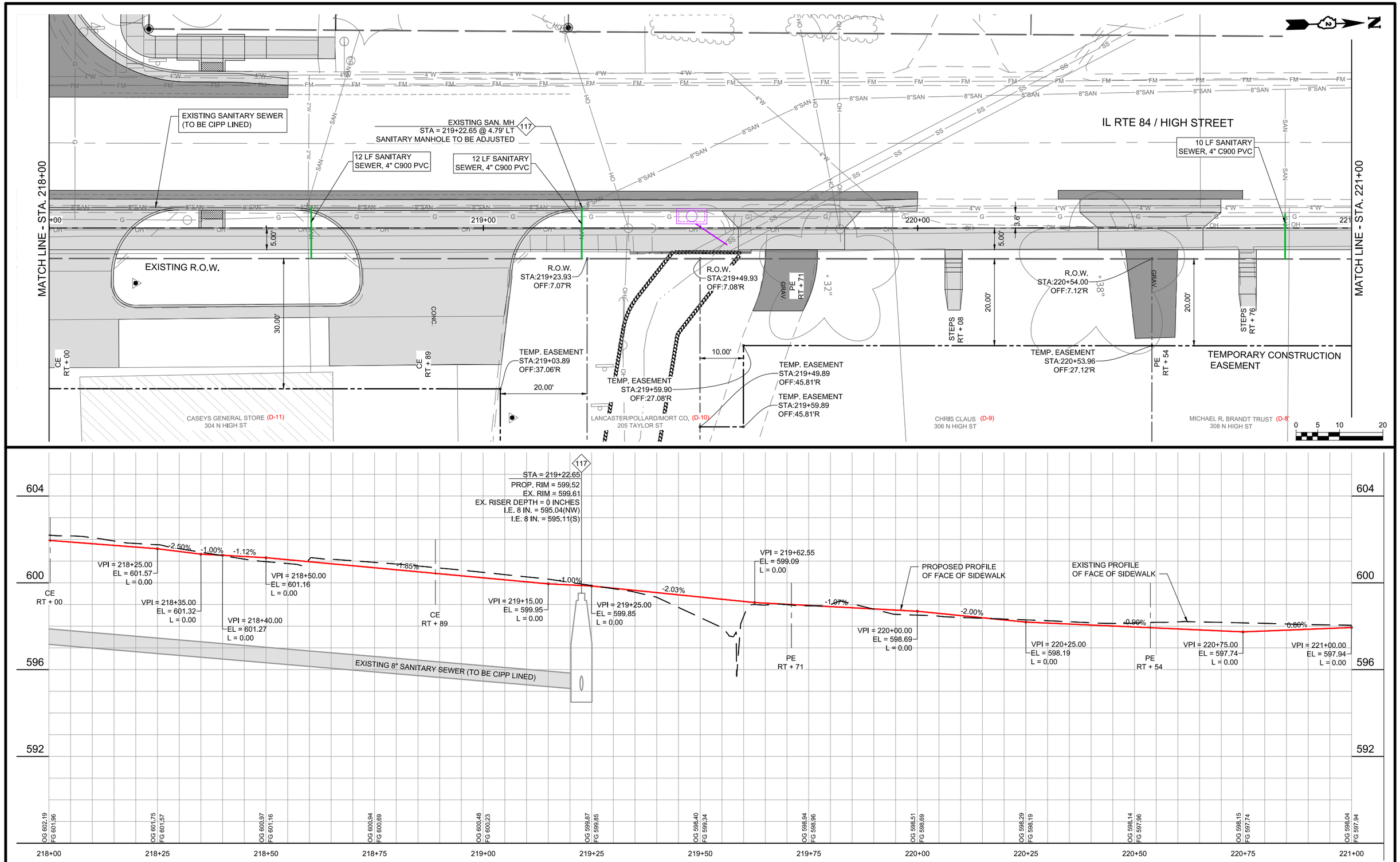


MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - SANITARY SEWER PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

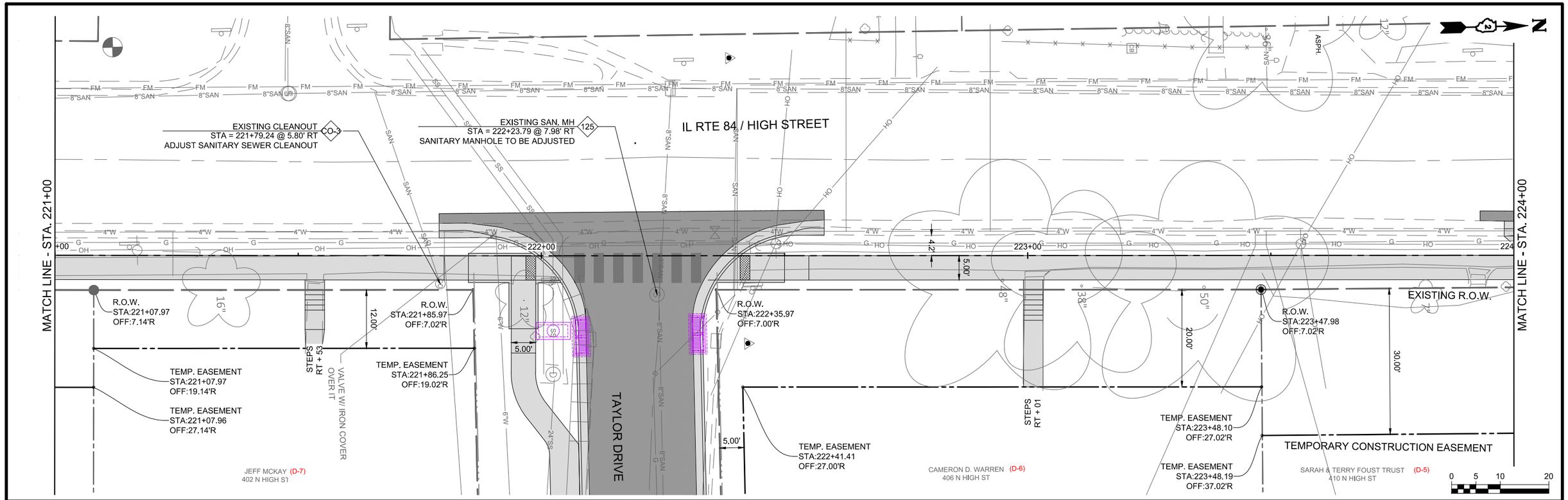
SANITARY SEWER PLANS - HIGH STREET

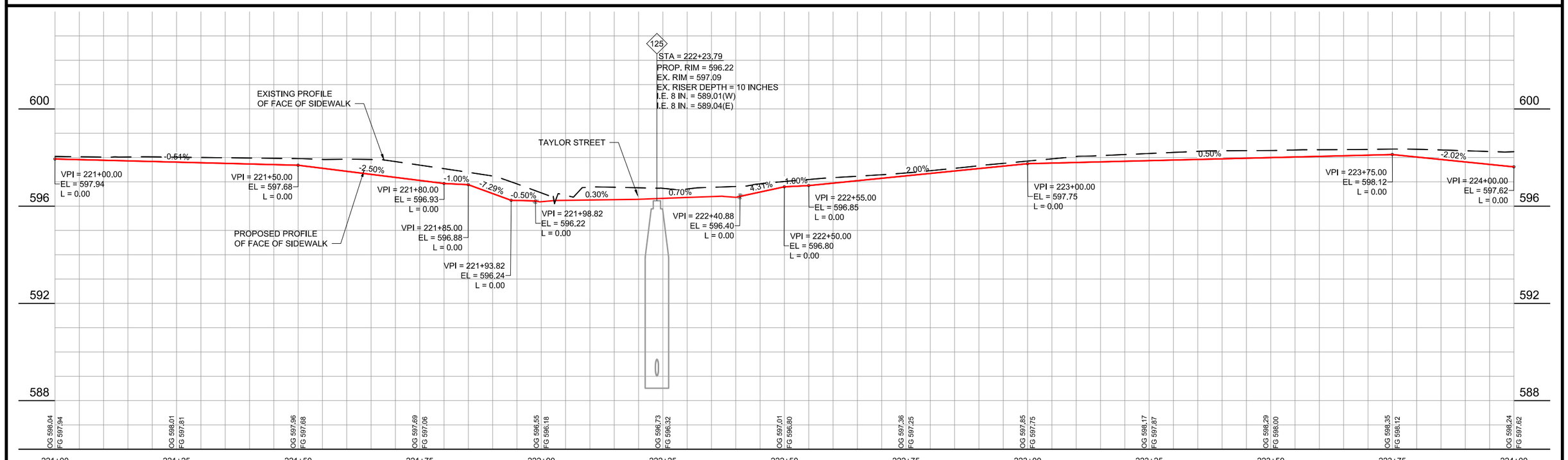
SCALE: AS SHOWN | SHEET NO. 101 OF 190 SHEETS | STA. 216+00 TO STA. 221+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	101

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT





MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - SANITARY SEWER PLAN & PROFILE - HIGH STREET.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

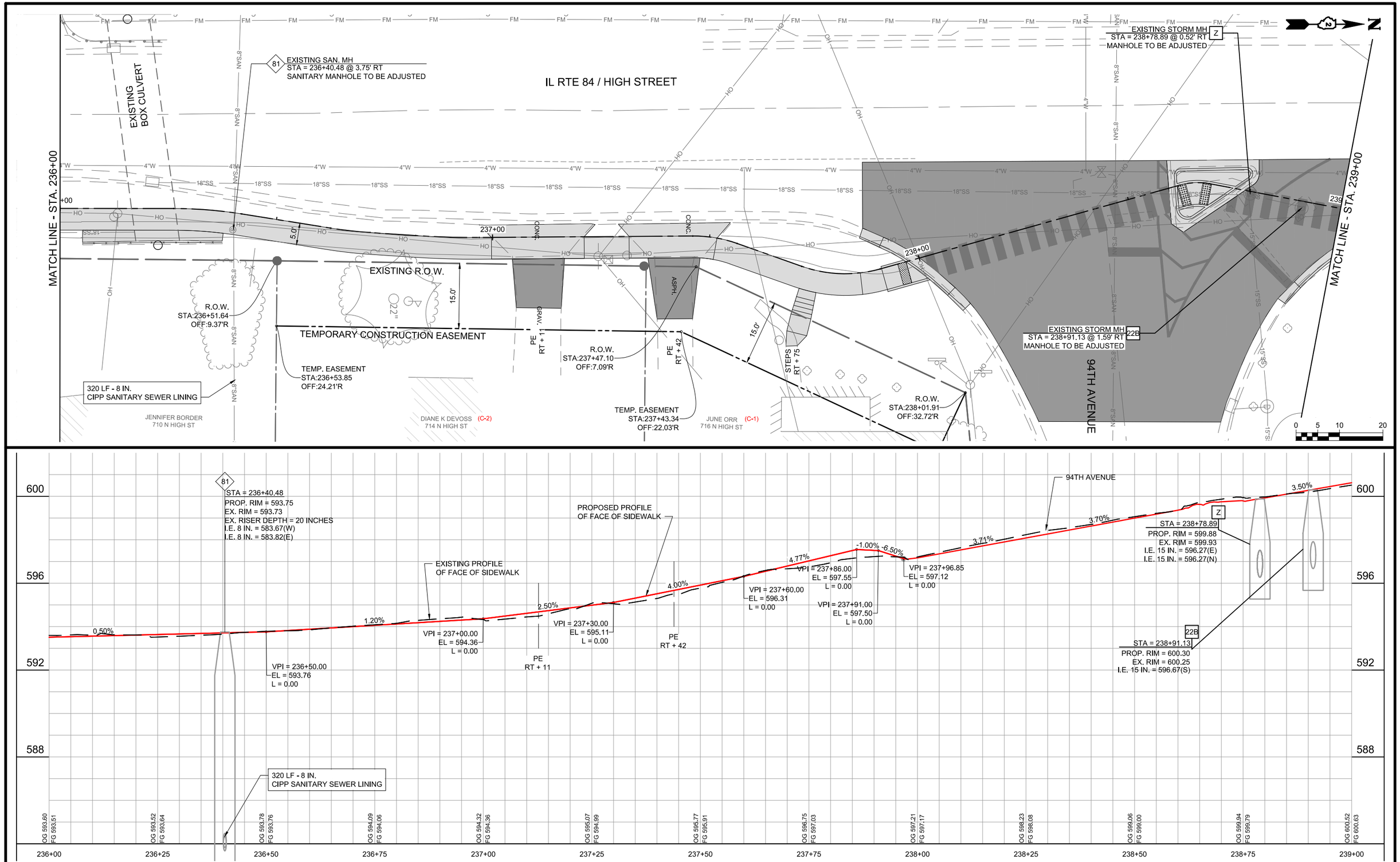
SANITARY SEWER PLANS - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 102 OF 190 SHEETS | STA. 221+00 TO STA. 224+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	102

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - SANITARY SEWER PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

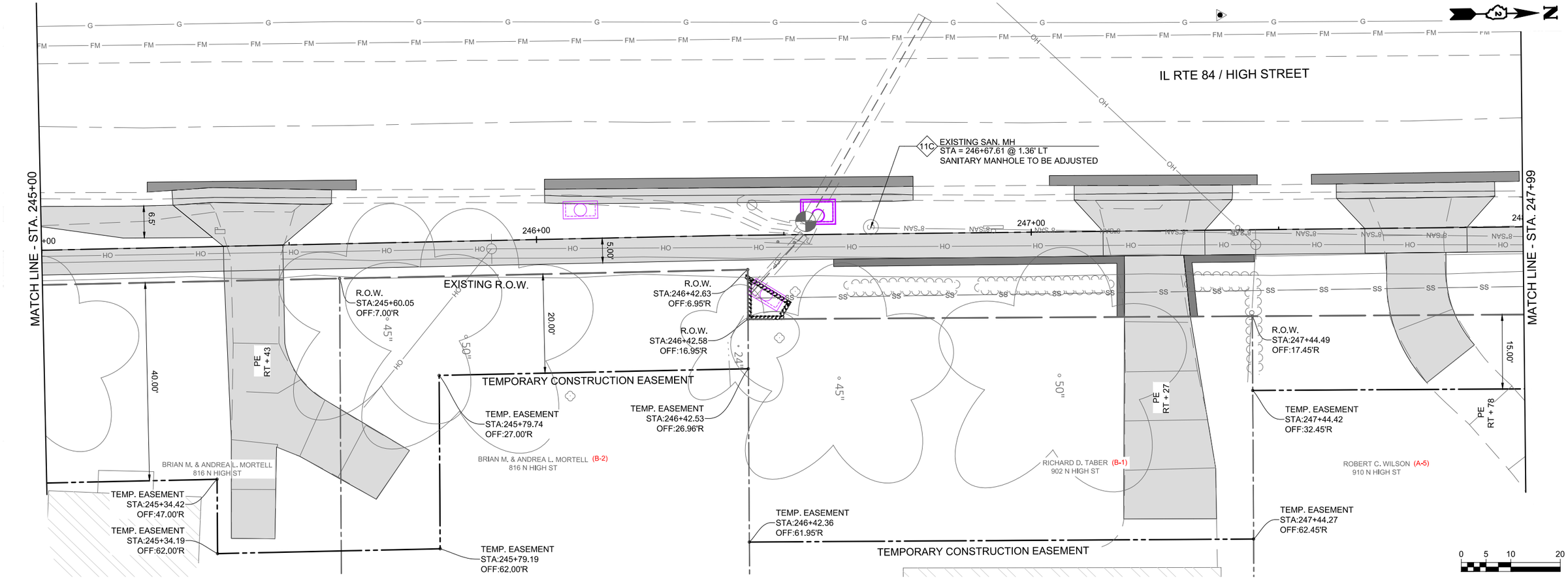
SANITARY SEWER PLANS - HIGH STREET

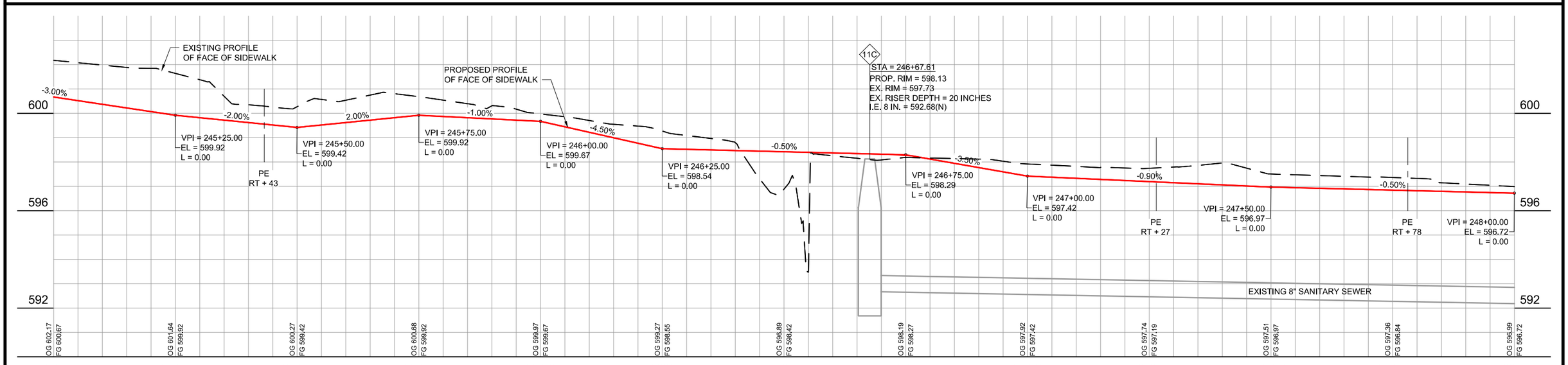
SCALE: AS SHOWN | SHEET NO. 103 OF 190 SHEETS | STA. 236+00 TO STA. 239+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	103

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT





MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - SANITARY SEWER PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

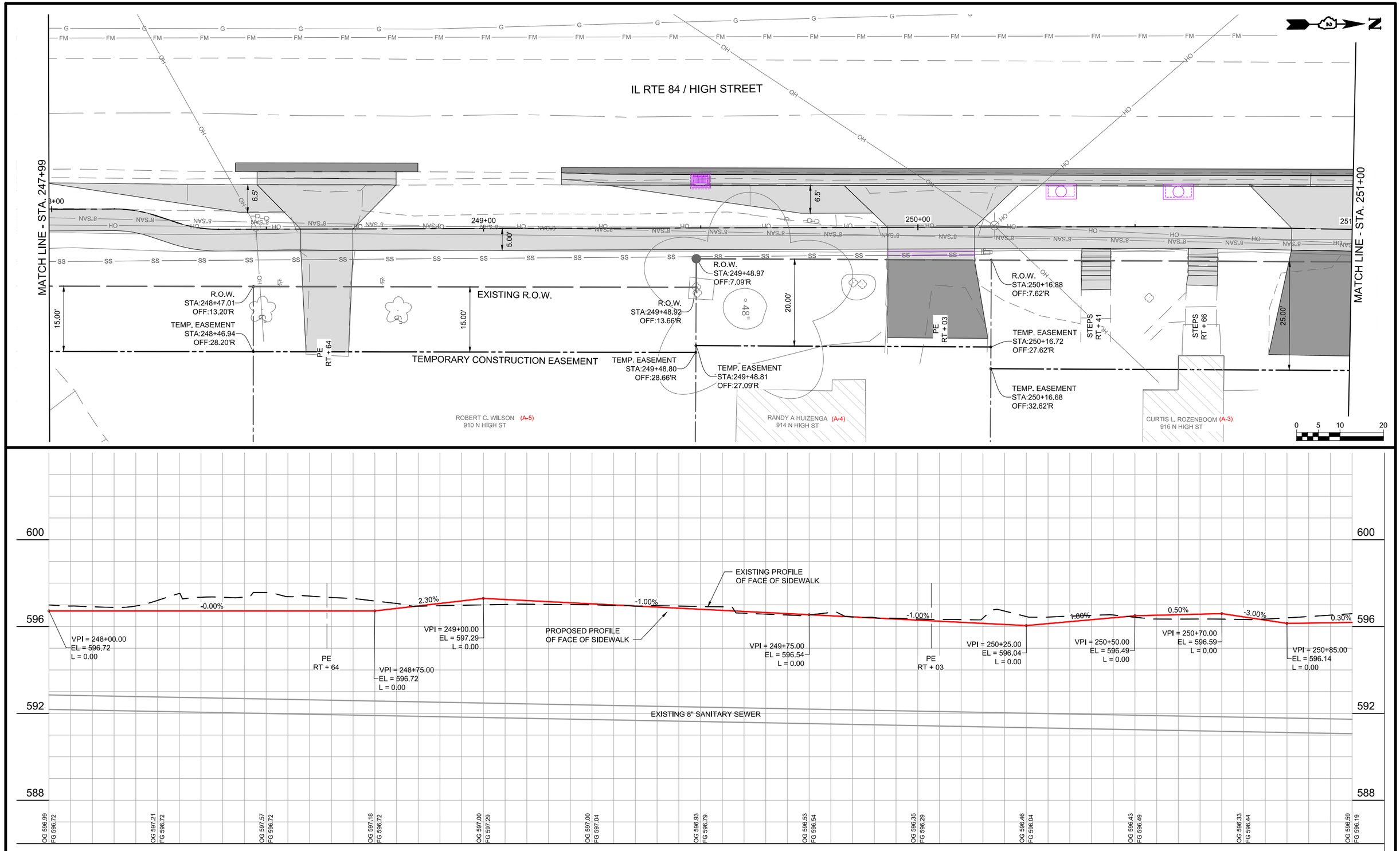
SANITARY SEWER PLANS - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 104 OF 190 SHEETS | STA. 245+00 TO STA. 248+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	104

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA

ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)					
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)					
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)					
FILE NAME - SANITARY SEWER PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

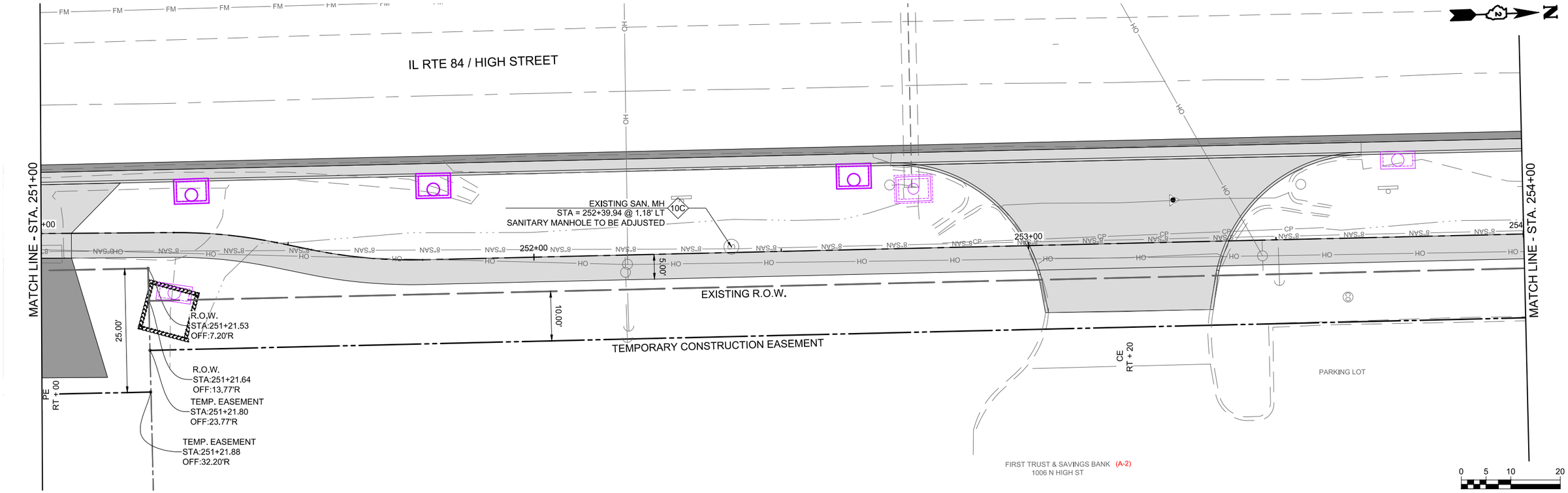
SANITARY SEWER PLANS - HIGH STREET

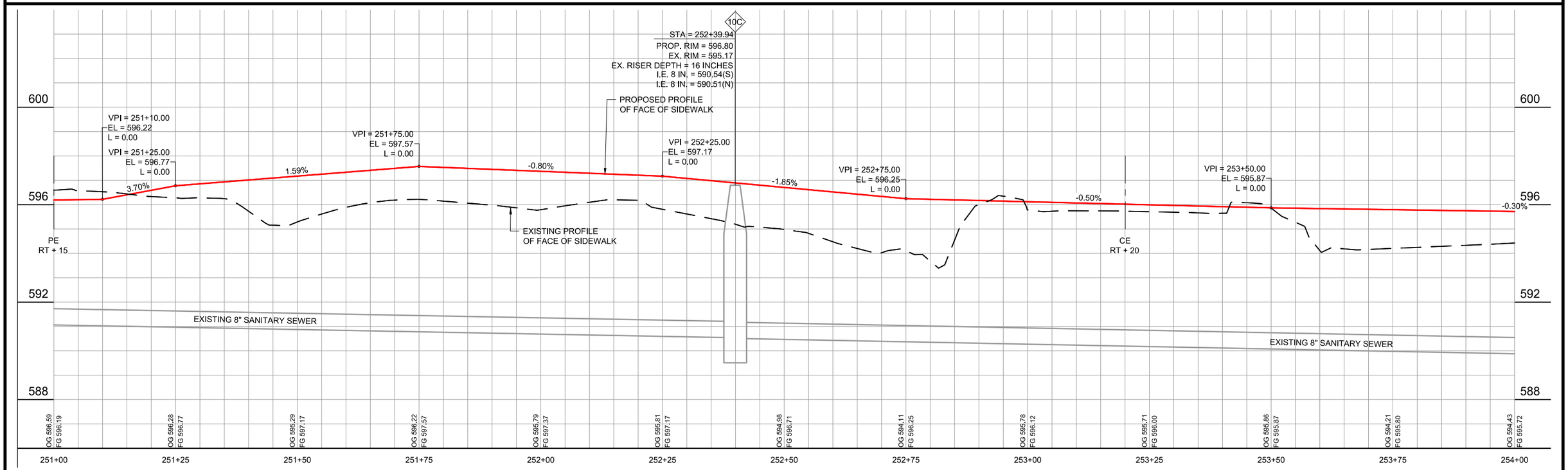
SCALE: AS SHOWN | SHEET NO. 105 OF 190 SHEETS | STA. 248+00 TO STA. 251+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	105

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT





MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)
FILE NAME - SANITARY SEWER PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

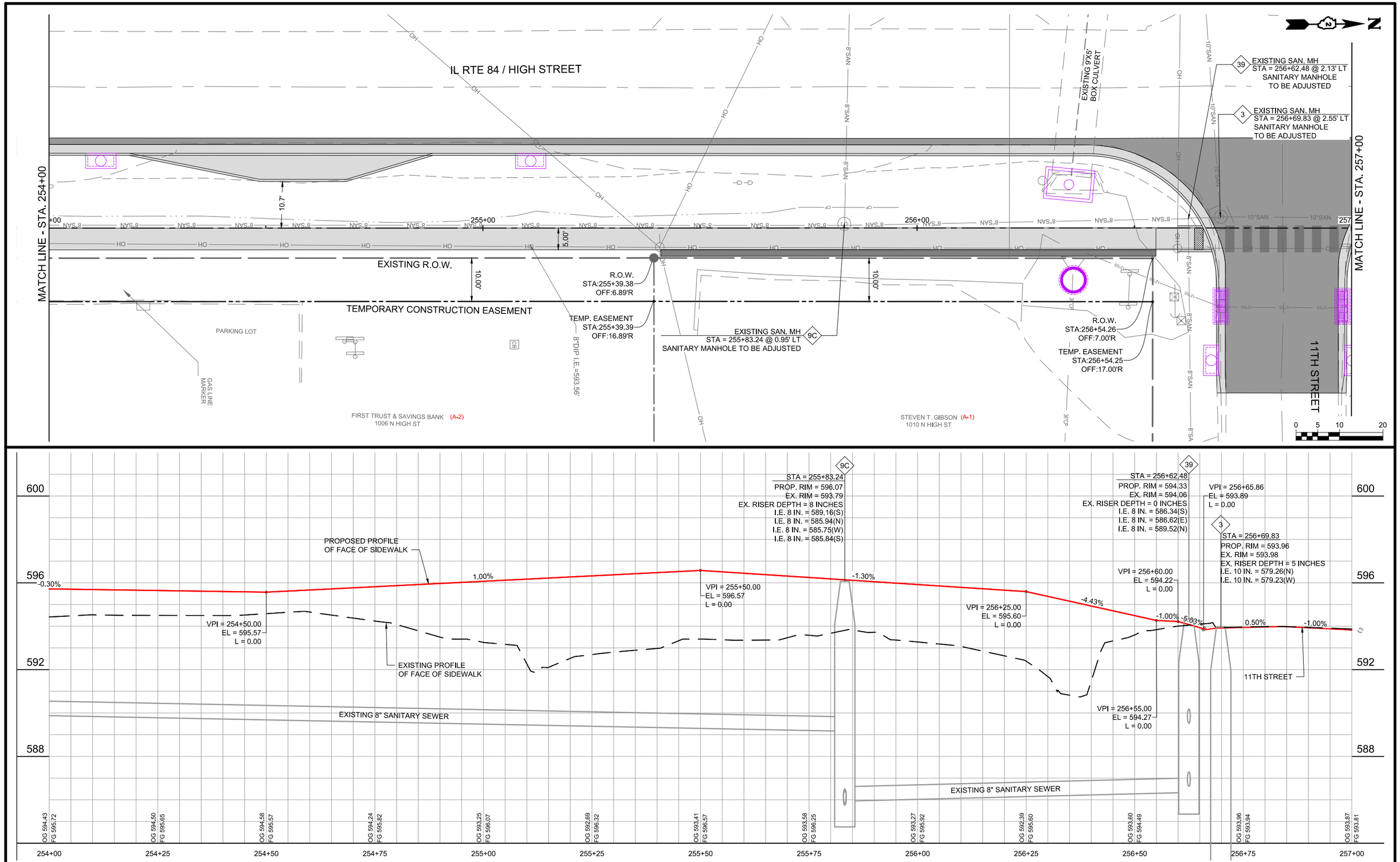
SANITARY SEWER PLANS - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 106 OF 190 SHEETS | STA. 251+00 TO STA. 254+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	106

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)				
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)				
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)				
FILE NAME - SANITARY SEWER PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY SEWER PLANS - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 107 OF 190 SHEETS | STA. 254+00 TO STA. 257+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	107

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT

CONTRACTOR TO USE SHEETING TO LIMIT EXCAVATION LIMITS FOR PROPOSED SANITARY MANHOLE.

CONTRACTOR TO COMPLETELY INSTALL NEW SANITARY MANHOLE AND BACKFILL PRIOR TO REMOVING TEMPORARY TRAFFIC CONTROL AND REOPENING SOUTHBOUND LANE.

CONTRACTOR TO PAVE HMA PATCH WITHIN 3 DAYS OF SANITARY MANHOLE INSTALLATION.

SEE TRAFFIC CONTROL SHEETS FOR LANE CLOSURE DETAILS.

SAN. SERVICE CLEANOUT
STA = 40+58.00 @ 20.00' LT
RIM = 600.73
SANITARY SEWER CONNECTION

P-CO-4
30 L.F. SANITARY
SEWER 6", SDR-35 PVC

DROP SANITARY MANHOLE,
W/ TYPE 1 FRAME, CLOSED LID
STA = 40+03.59 @ 2.92' RT

JAMES STREET

PARK LANE

RIGHT-OF-WAY

JACK AND BORE PIT

P-49B
79 L.F. SANITARY
SEWER 8", SDR-26 PVC
BORED AND JACKED

P-49C
5 L.F. SANITARY
SEWER 8", SDR-26 PVC
CAP END END OF STUB

REMOVE PORTION OF EXISTING FORCEMAIN AND REPLACE IN ORDER TO ACHIEVE 1' SEPARATION BETWEEN PROPOSED MANHOLE AND FORCEMAIN. CONTRACTOR TO COORDINATE LIFT STATION SHUT DOWN WITH VILLAGE OF PORT BYRON. ALL COSTS ASSOCIATED WITH REPLACEMENT OF FORCEMAIN SECTION TO BE INCLUSIVE TO SANITARY MANHOLE INSTALLATION.

P-CO-5
16 L.F. SANITARY
SEWER 6", SDR-35 PVC

MANHOLE, SANITARY (4' DIA)
TYPE 1 FRAME, CLOSED LID
STA = 40+82.00 @ 12.50' RT

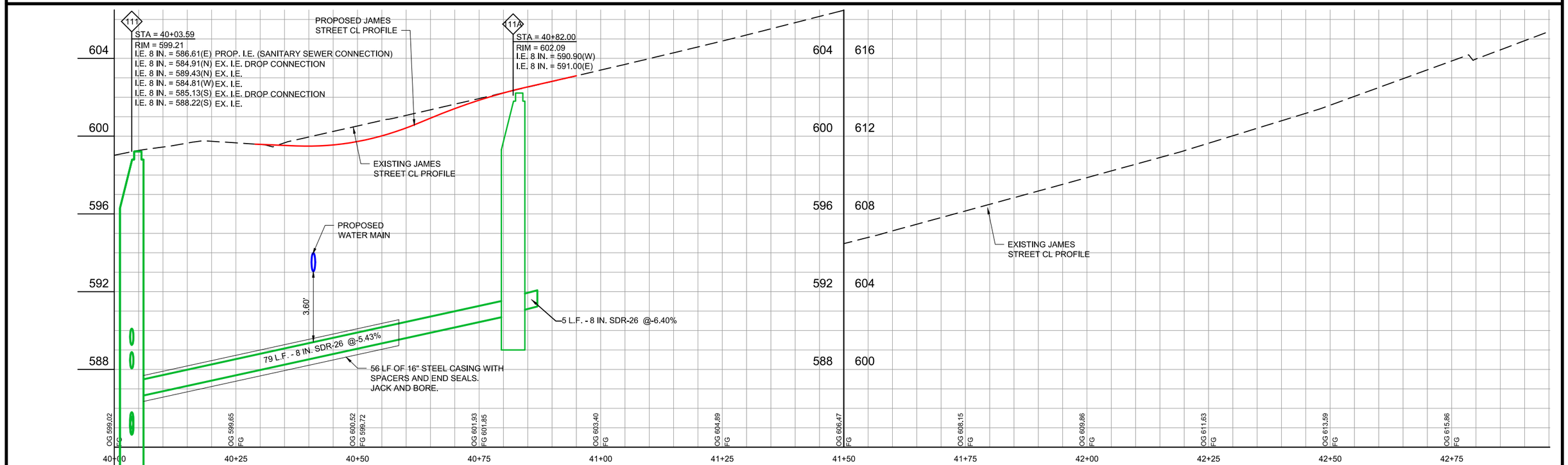
SAN. SERVICE CLEANOUT
STA = 40+63.00 @ 25.00' RT
RIM = 601.40
SANITARY SEWER CONNECTION

IL RTE 84 / HIGH STREET

40+00 41+00 42+00

15.00' 30.00' 45.00' 15.00'

0 5 10 20



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com
© MSA Professional Services, Inc.

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKER	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - SANITARY SEWER PLANS - JAMES STREET.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

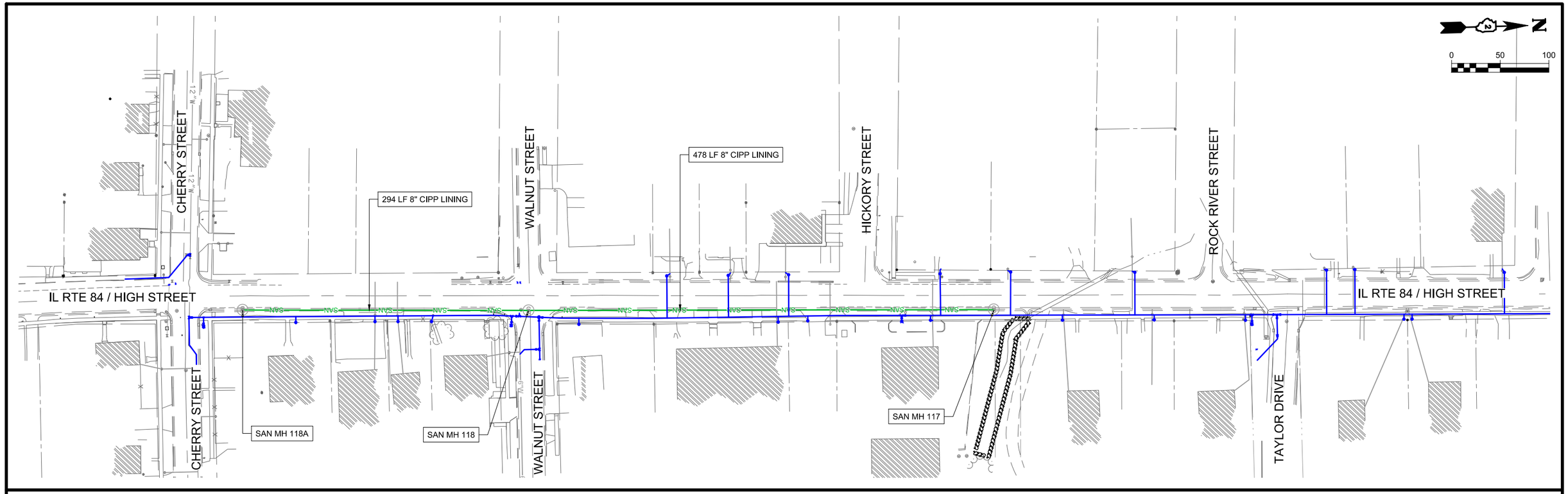
SANITARY SEWER PLANS - JAMES STREET

SCALE: AS SHOWN | SHEET NO. 108 OF 190 SHEETS | STA. 40+00 TO STA. 41+17.20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	108

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



SANITARY MAIN CIPP LINING

FROM MH #	TO MH #	PIPE SIZE (IN)	TOTAL LENGTH (FT)
118A	118	8	294
118	117	8	478
123	81	8	320

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

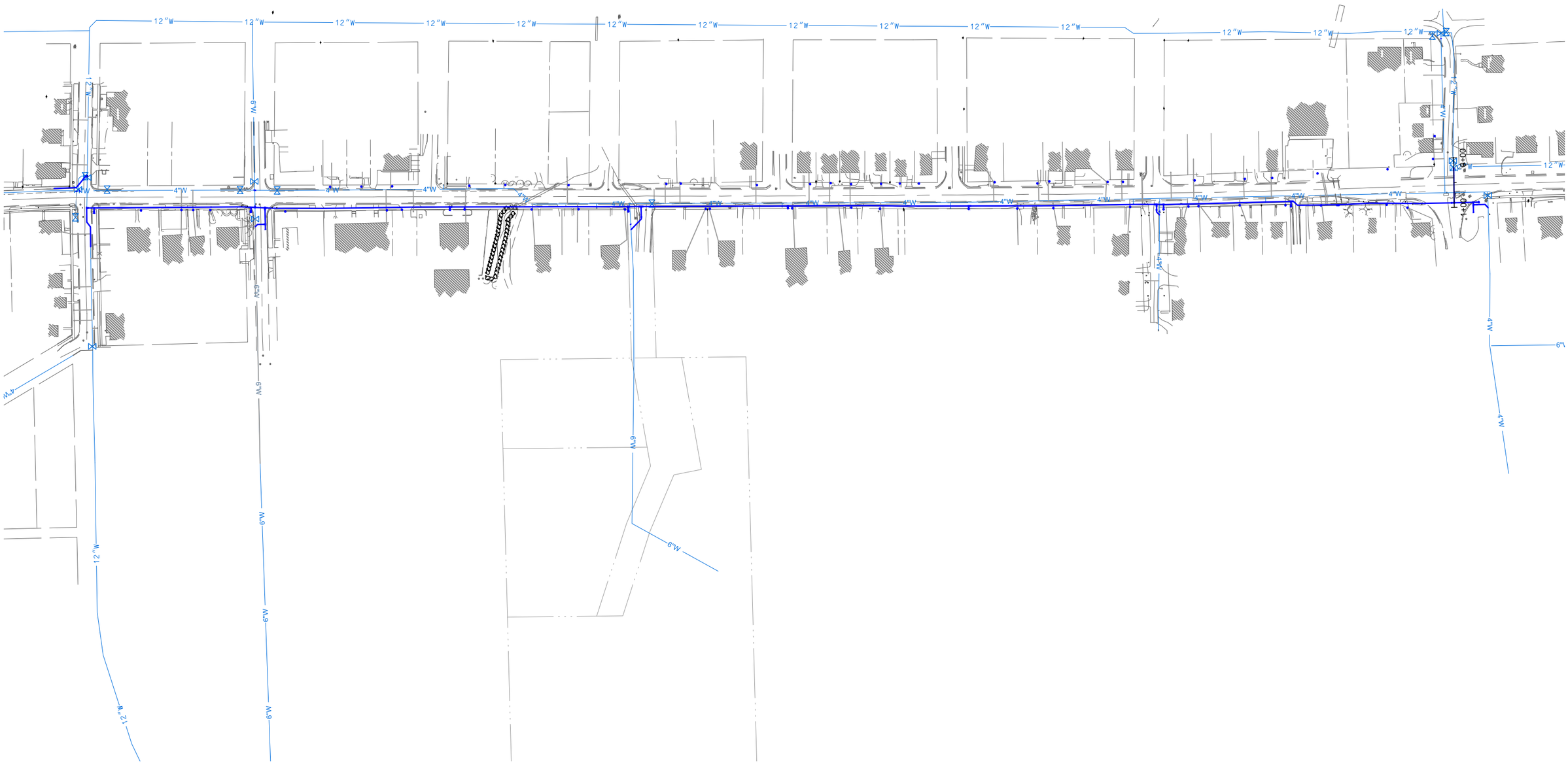
SANITARY CIPP LINING OVERVIEW

SCALE: AS SHOWN | SHEET NO. 109 OF 190 SHEETS | STA. 210+00 TO STA. 215+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	109

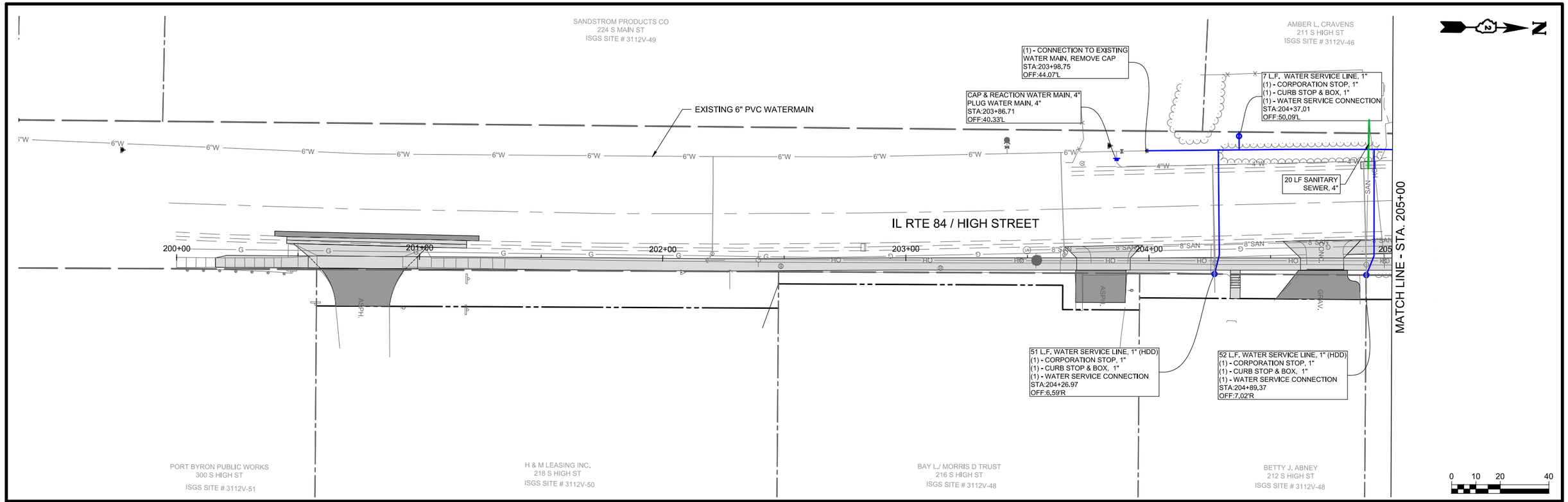
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

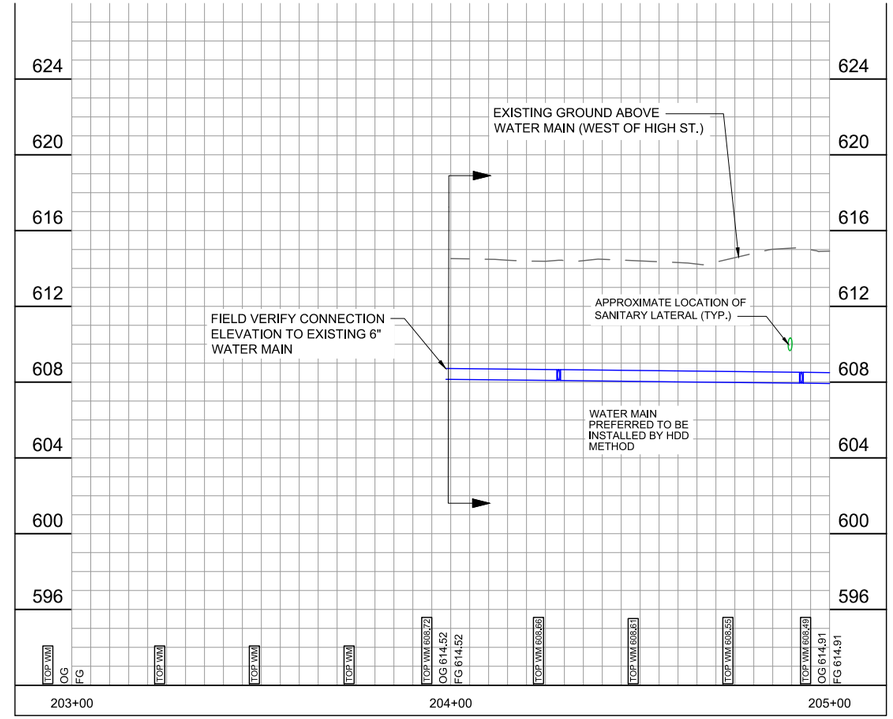
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	STATE OF ILLINOIS	WATER SYSTEM OVERVIEW	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	DEPARTMENT OF TRANSPORTATION		308	15-00017-00-SW	ROCK ISLAND	190	110
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)					CONTRACT NO. 85697		
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)		SCALE: AS SHOWN / SHEET NO. 110 OF 190 SHEETS / STA. 210+00 / TO STA. 215+00	ILLINOIS FED. AID PROJECT				



PIPE LENGTHS ON THIS SHEET

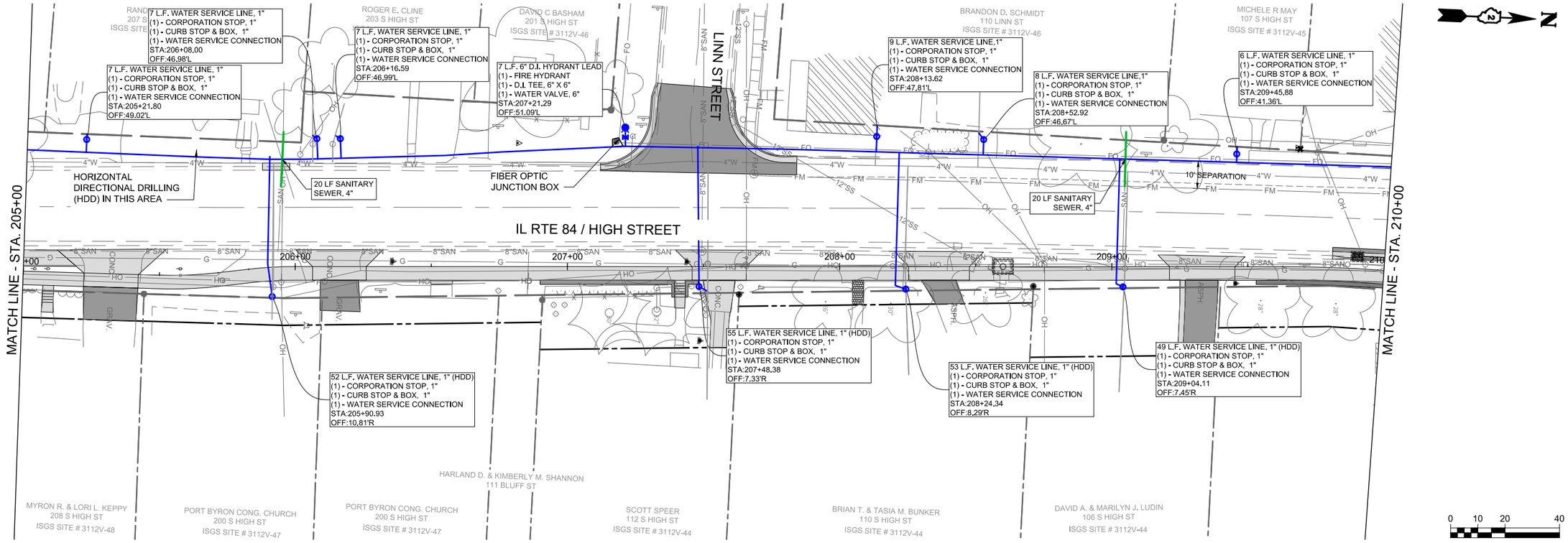
HIGH STREET:
6" C900 PVC = 101 L.F.
1" WATER SERVICE = 7 L.F.
1" WATER SERVICE (HDD) = 103 LF

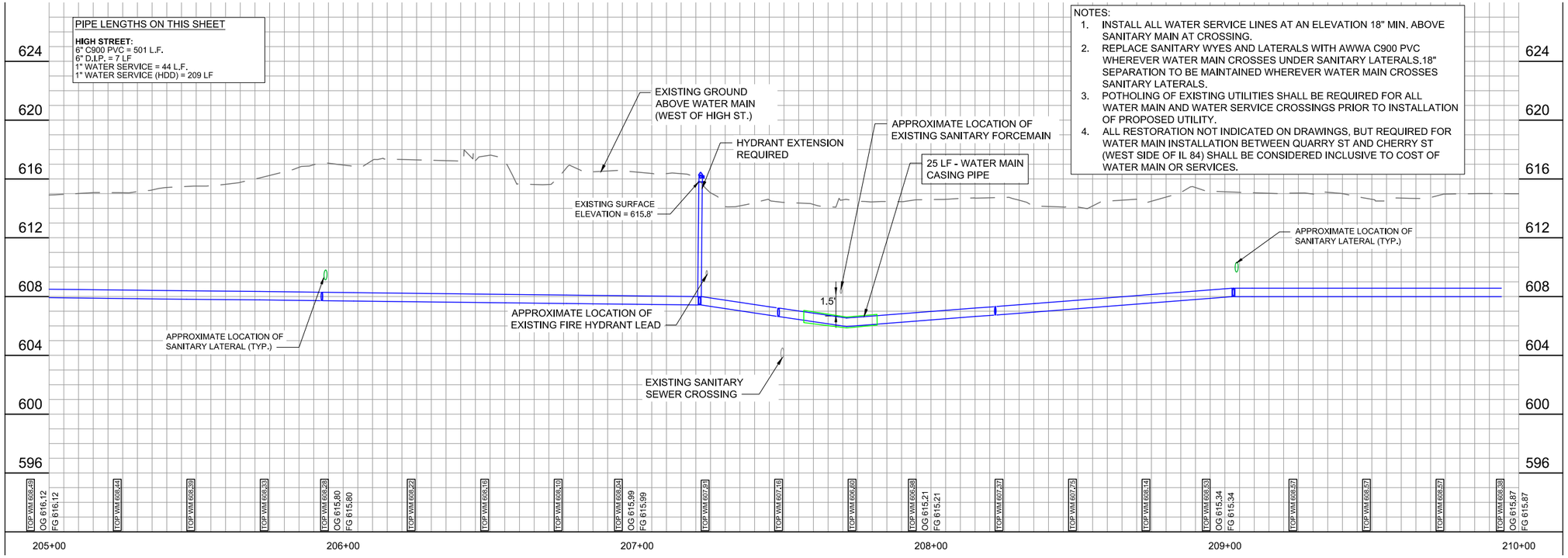
NOTES:
1. INSTALL ALL WATER SERVICE LINES AT AN ELEVATION 18" MIN. ABOVE SANITARY MAIN AT CROSSING.
2. REPLACE SANITARY WYES AND LATERALS WITH AWWA C900 PVC WHEREVER WATER MAIN CROSSES UNDER SANITARY LATERALS. 18" SEPARATION TO BE MAINTAINED WHEREVER WATER MAIN CROSSES SANITARY LATERALS.
3. POTHOLING OF EXISTING UTILITIES SHALL BE REQUIRED FOR ALL WATER MAIN AND WATER SERVICE CROSSINGS PRIOR TO INSTALLATION OF PROPOSED UTILITY.
4. ALL RESTORATION NOT INDICATED ON DRAWINGS, BUT REQUIRED FOR WATER MAIN INSTALLATION BETWEEN QUARRY ST AND CHERRY ST (WEST SIDE OF IL 84) SHALL BE CONSIDERED INCLUSIVE TO COST OF WATER MAIN OR SERVICES.



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN PLAN & PROFILE - HIGH STREET	F.A.U. RTE. 308	SECTION 15-00017-00-SW
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			COUNTY ROCK ISLAND	TOTAL SHEETS 190
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			SHEET NO. 111	CONTRACT NO. 85697
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)		SCALE: AS SHOWN / SHEET NO. 111 OF 190 SHEETS / STA. 203+00 TO STA. 205+00		ILLINOIS FED. AID PROJECT





MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED -	(4)

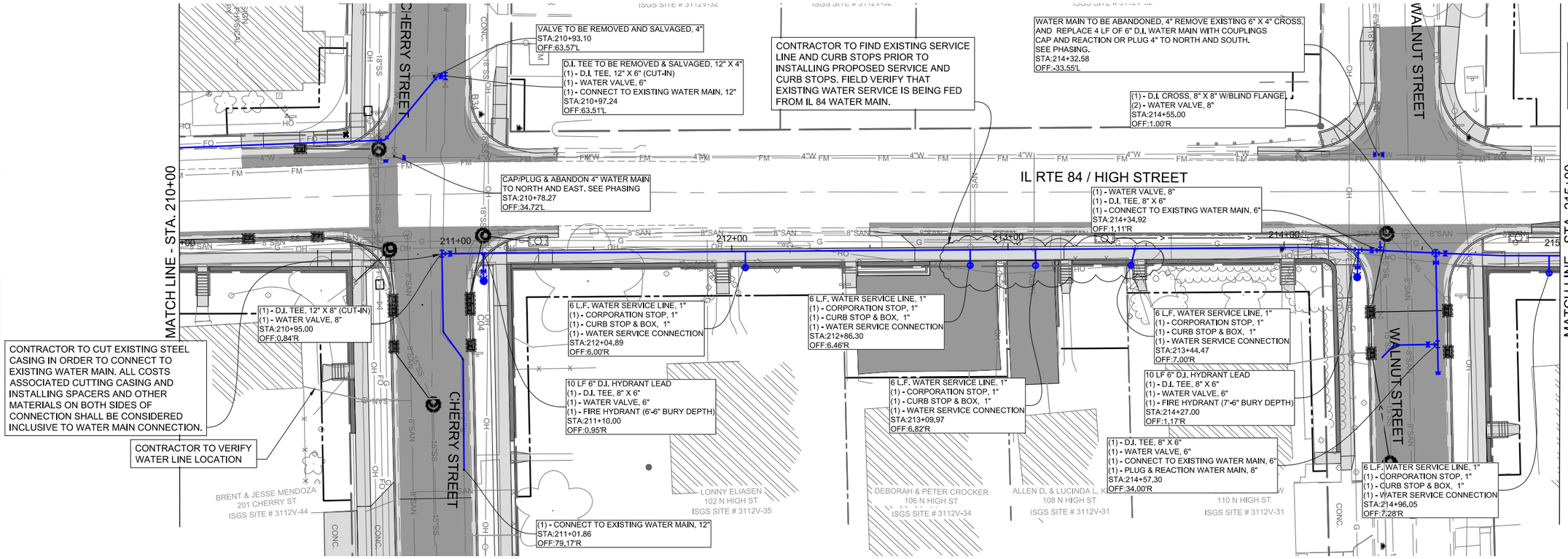
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN & PROFILE - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 112 OF 190 SHEETS | STA. 205+00 TO STA. 210+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	112

CONTRACT NO. 85697
ILLINOIS FED. AID PROJECT



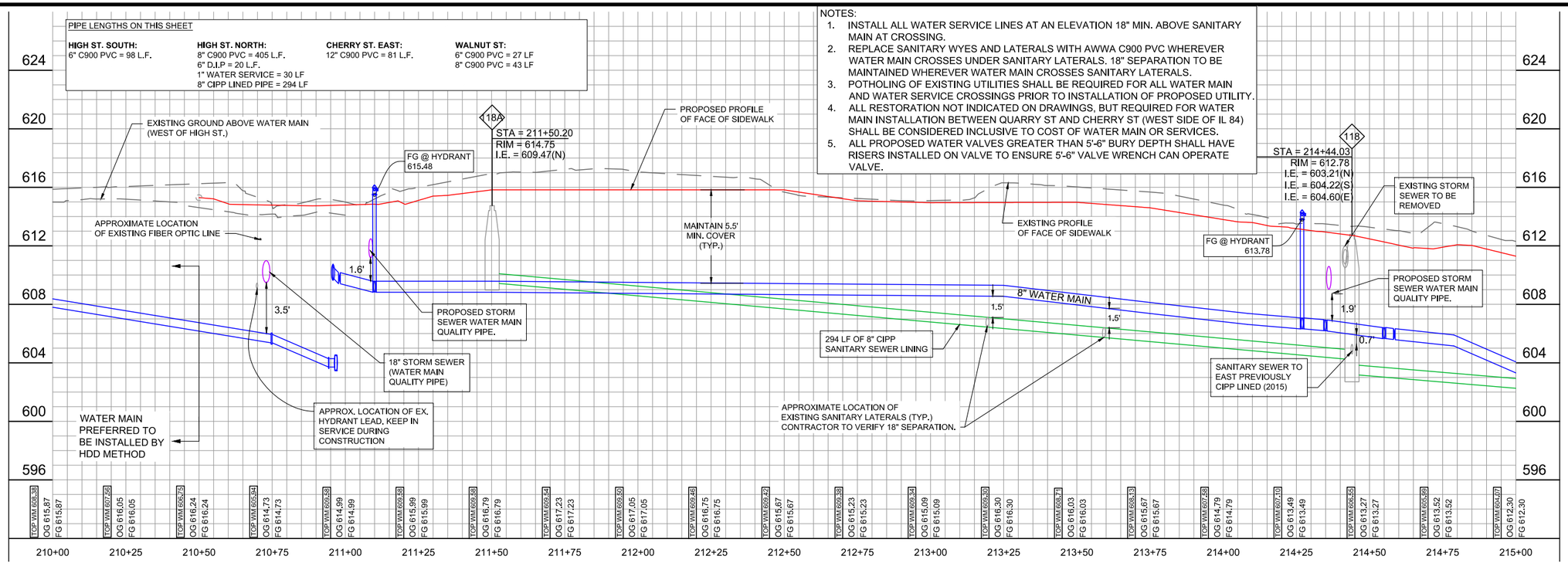
HYDRANT BURY DEPTHS

HYDRANT STA	BURY DEPTH
211+10.00	6'-6"
214+27.00	7'-6"

PIPE LENGTHS ON THIS SHEET

HIGH ST. SOUTH:	HIGH ST. NORTH:	CHERRY ST. EAST:	WALNUT ST:
6" C900 PVC = 98 L.F.	8" C900 PVC = 405 L.F. 6" D.I.P = 20 L.F. 1" WATER SERVICE = 30 LF 8" CIPP LINED PIPE = 294 LF	12" C900 PVC = 81 L.F.	6" C900 PVC = 27 LF 8" C900 PVC = 43 LF

NOTES:
1. INSTALL ALL WATER SERVICE LINES AT AN ELEVATION 18" MIN. ABOVE SANITARY MAIN AT CROSSING.
2. REPLACE SANITARY WYES AND LATERALS WITH AWWA C900 PVC WHEREVER WATER MAIN CROSSES UNDER SANITARY LATERALS. 18" SEPARATION TO BE MAINTAINED WHEREVER WATER MAIN CROSSES SANITARY LATERALS.
3. POTHOLING OF EXISTING UTILITIES SHALL BE REQUIRED FOR ALL WATER MAIN AND WATER SERVICE CROSSINGS PRIOR TO INSTALLATION OF PROPOSED UTILITY.
4. ALL RESTORATION NOT INDICATED ON DRAWINGS, BUT REQUIRED FOR WATER MAIN INSTALLATION BETWEEN QUARRY ST AND CHERRY ST (WEST SIDE OF IL 84) SHALL BE CONSIDERED INCLUSIVE TO COST OF WATER MAIN OR SERVICES.
5. ALL PROPOSED WATER VALVES GREATER THAN 5'-6" BURY DEPTH SHALL HAVE RISERS INSTALLED ON VALVE TO ENSURE 5'-6" VALVE WRENCH CAN OPERATE VALVE.



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

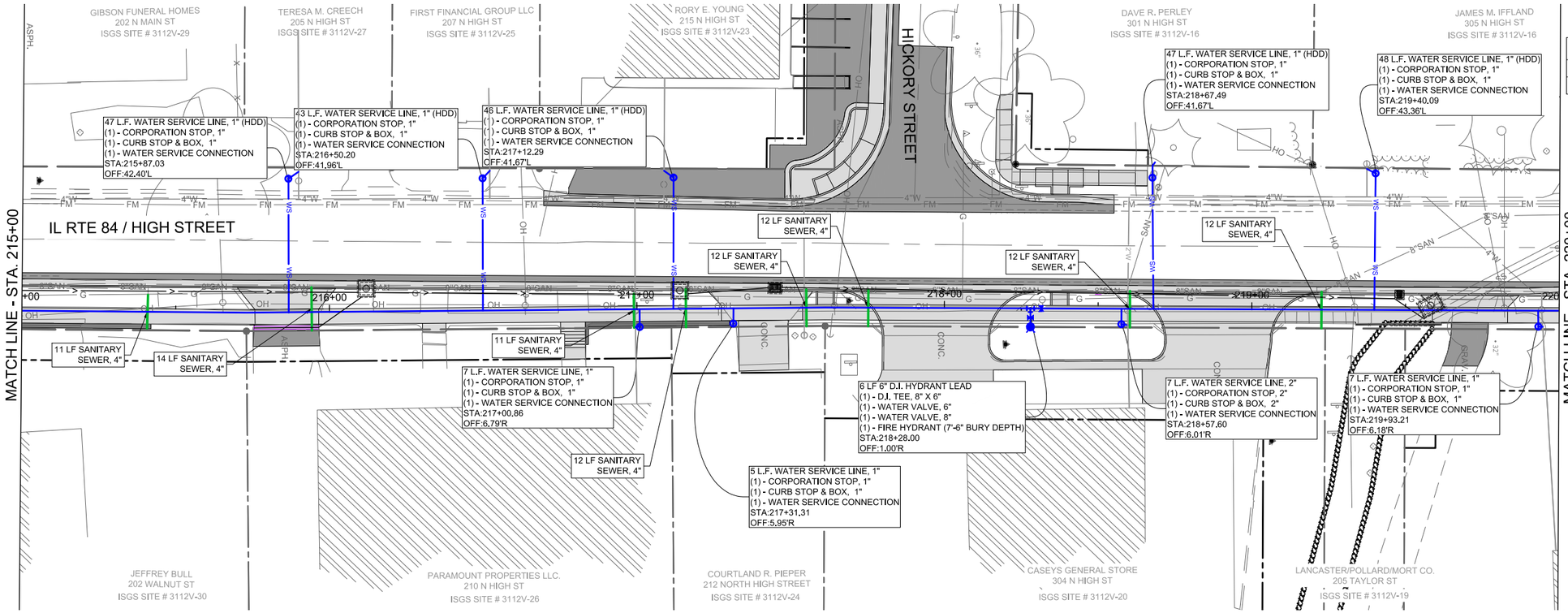
WATER MAIN PLAN & PROFILE - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 113 OF 190 SHEETS | STA. 210+00 TO STA. 215+00

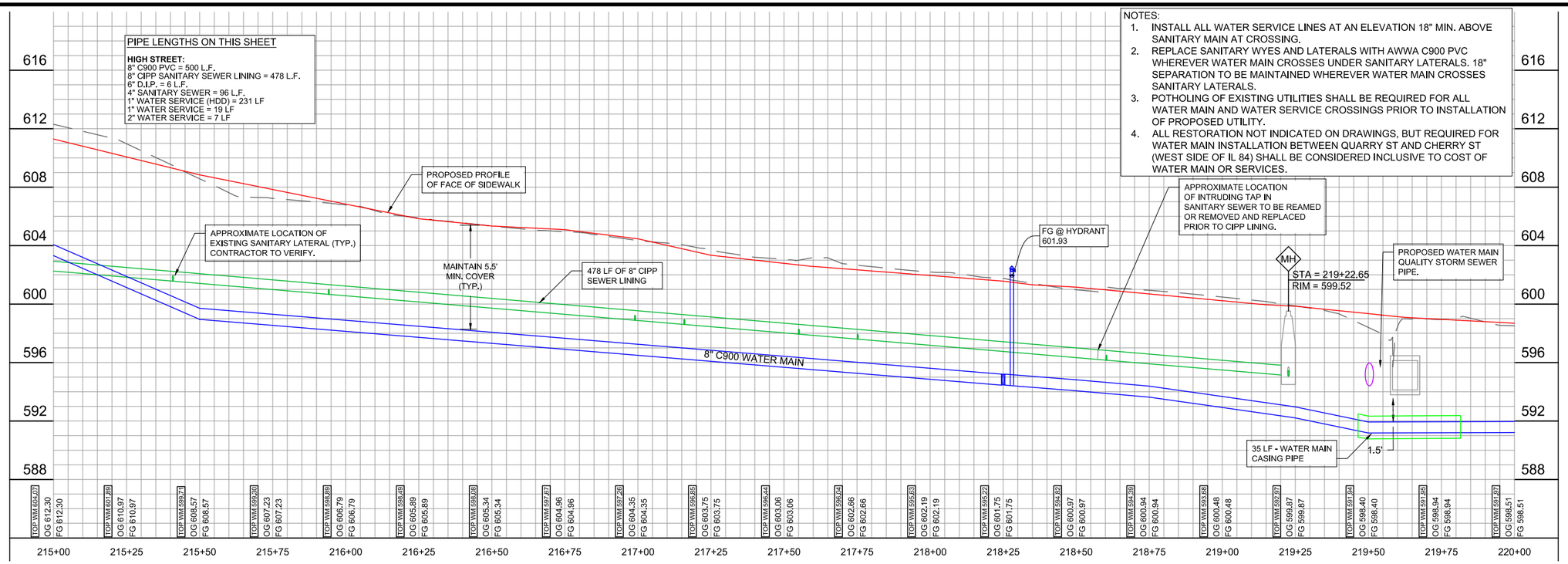
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	113

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



HYDRANT BURY DEPTHS	
HYDRANT STA	BURY DEPTH
218+25.00	7'-6"



NOTES:

1. INSTALL ALL WATER SERVICE LINES AT AN ELEVATION 18" MIN. ABOVE SANITARY MAIN AT CROSSING.
2. REPLACE SANITARY WYES AND LATERALS WITH AWWA C900 PVC WHEREVER WATER MAIN CROSSES UNDER SANITARY LATERALS. 18" SEPARATION TO BE MAINTAINED WHEREVER WATER MAIN CROSSES SANITARY LATERALS.
3. POTHOLING OF EXISTING UTILITIES SHALL BE REQUIRED FOR ALL WATER MAIN AND WATER SERVICE CROSSINGS PRIOR TO INSTALLATION OF PROPOSED UTILITY.
4. ALL RESTORATION NOT INDICATED ON DRAWINGS, BUT REQUIRED FOR WATER MAIN INSTALLATION BETWEEN QUARRY ST AND CHERRY ST (WEST SIDE OF IL 84) SHALL BE CONSIDERED INCLUSIVE TO COST OF WATER MAIN OR SERVICES.

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

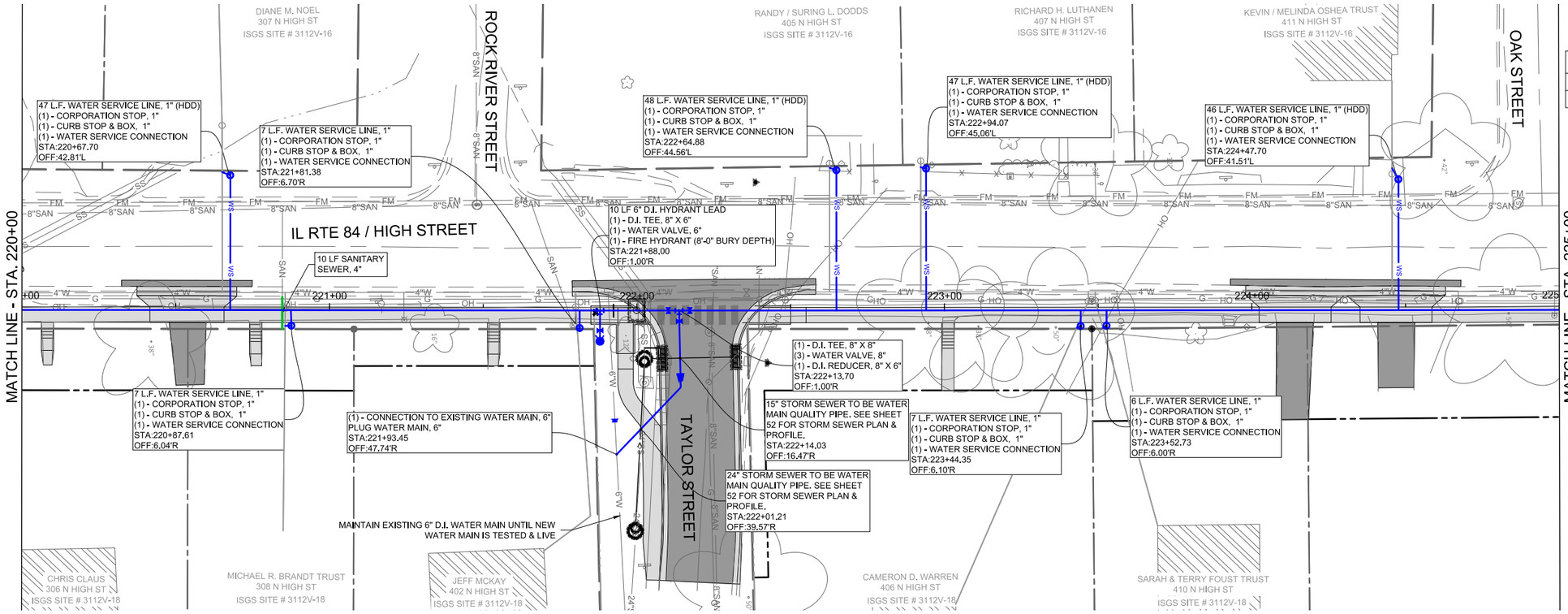
WATER MAIN PLAN & PROFILE - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 114 OF 190 SHEETS | STA. 215+00 TO STA. 220+00

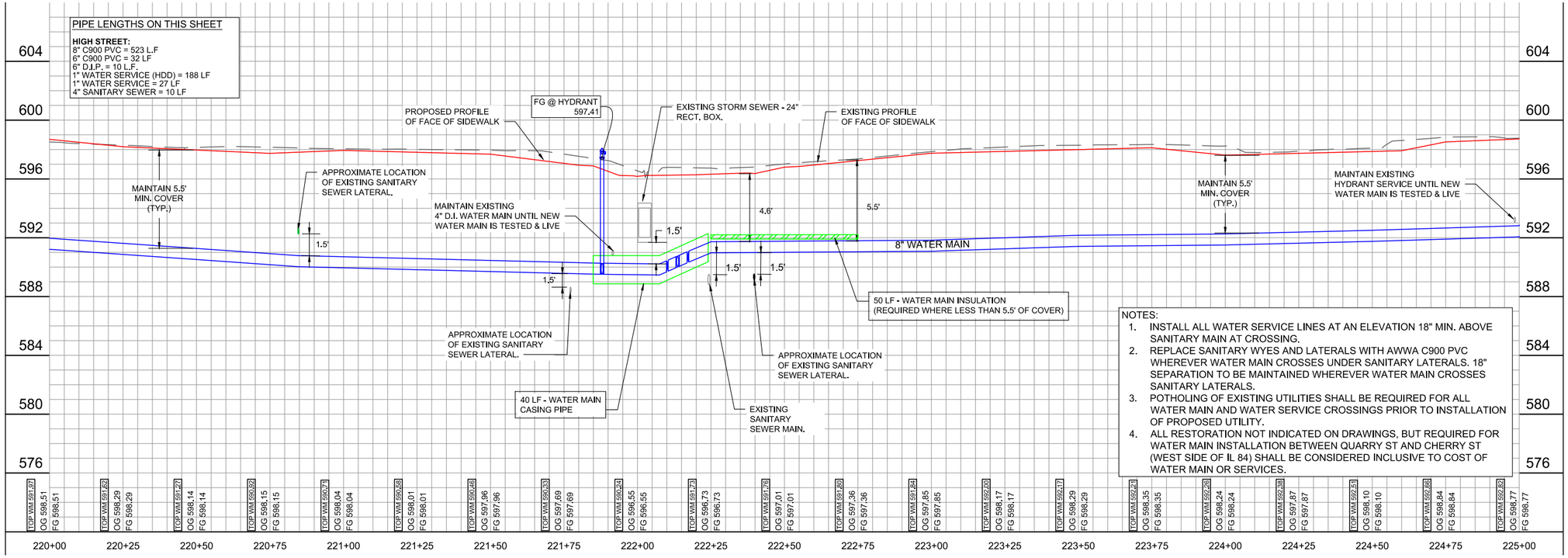
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	114

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



HYDRANT BURY DEPTHS	
HYDRANT STA	BURY DEPTH
221+88.00	8'-0"



NOTES:

1. INSTALL ALL WATER SERVICE LINES AT AN ELEVATION 18" MIN. ABOVE SANITARY MAIN AT CROSSING.
2. REPLACE SANITARY WYES AND LATERALS WITH AWWA C900 PVC WHEREVER WATER MAIN CROSSES UNDER SANITARY LATERALS. 18" SEPARATION TO BE MAINTAINED WHEREVER WATER MAIN CROSSES SANITARY LATERALS.
3. POTHOLING OF EXISTING UTILITIES SHALL BE REQUIRED FOR ALL WATER MAIN AND WATER SERVICE CROSSINGS PRIOR TO INSTALLATION OF PROPOSED UTILITY.
4. ALL RESTORATION NOT INDICATED ON DRAWINGS, BUT REQUIRED FOR WATER MAIN INSTALLATION BETWEEN QUARRY ST AND CHERRY ST (WEST SIDE OF IL 84) SHALL BE CONSIDERED INCLUSIVE TO COST OF WATER MAIN OR SERVICES.

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

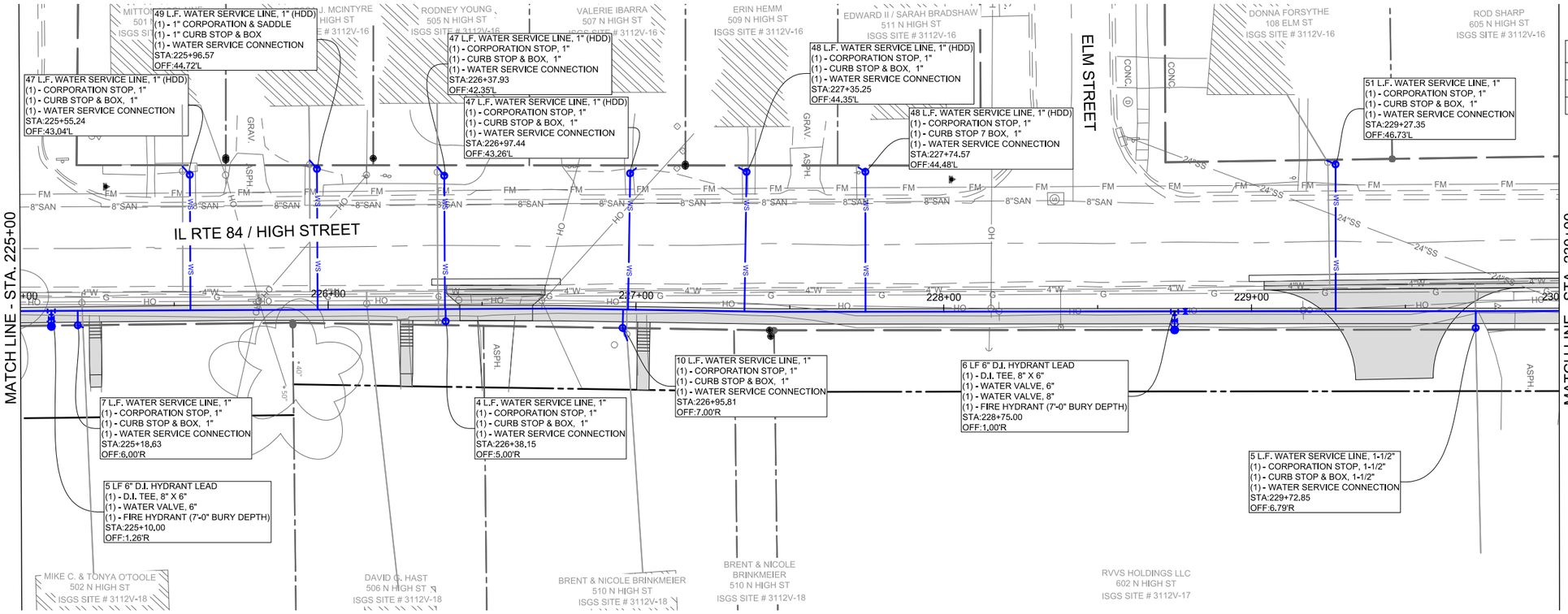
WATER MAIN PLAN & PROFILE - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 115 OF 190 SHEETS | STA. 220+00 TO STA. 225+00

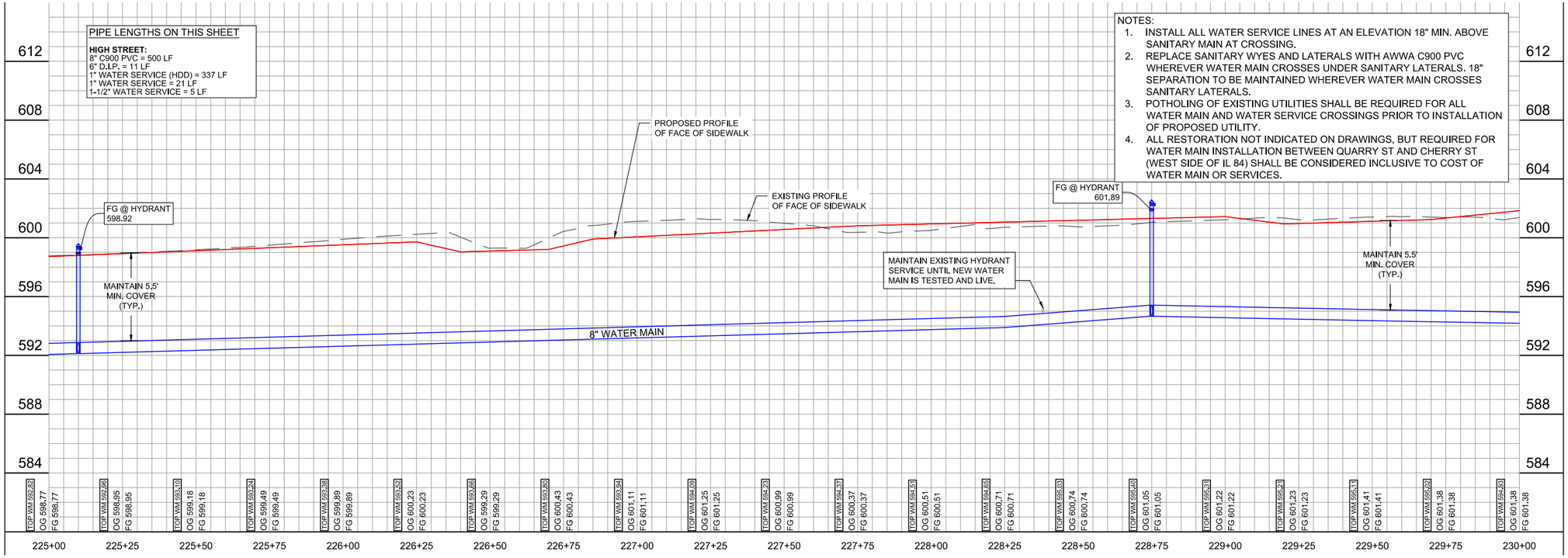
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	115

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



HYDRANT BURY DEPTHS	
HYDRANT STA	BURY DEPTH
225+10.00	7'-0"
228+75.00	7'-0"



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

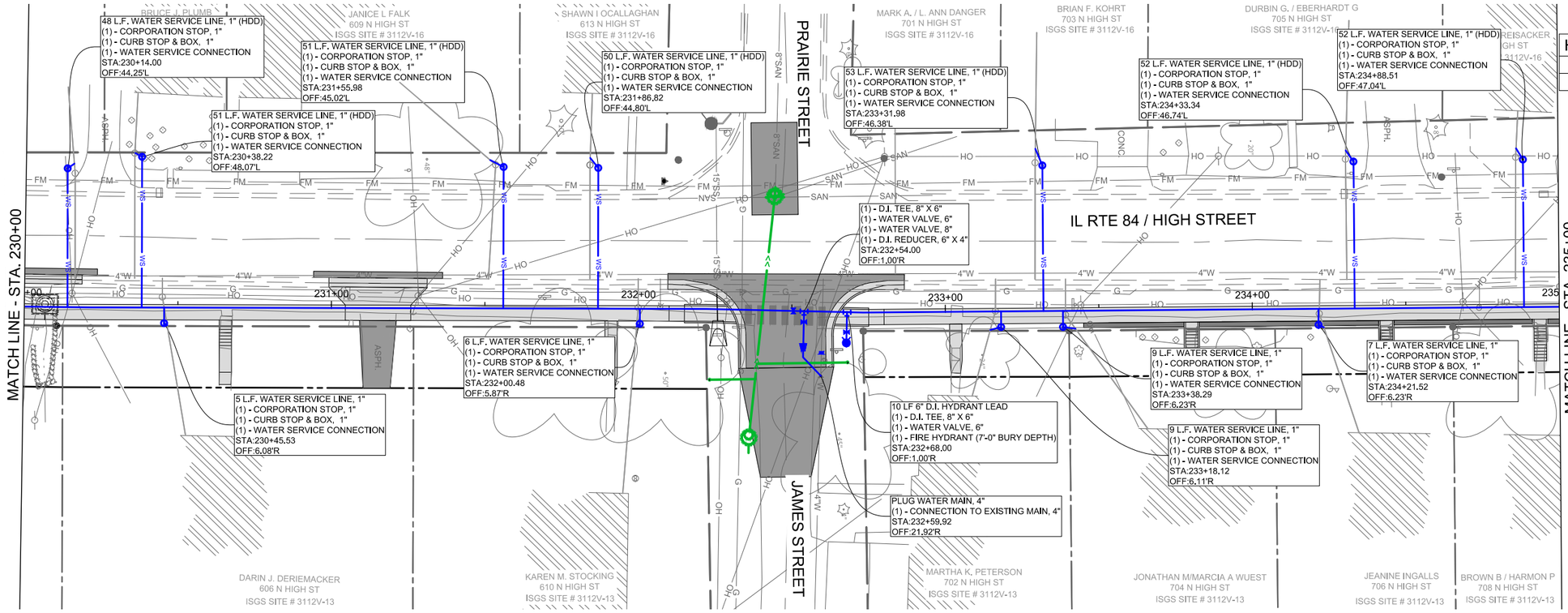
WATER MAIN PLAN & PROFILE - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 116 OF 190 SHEETS | STA. 225+00 TO STA. 230+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	116

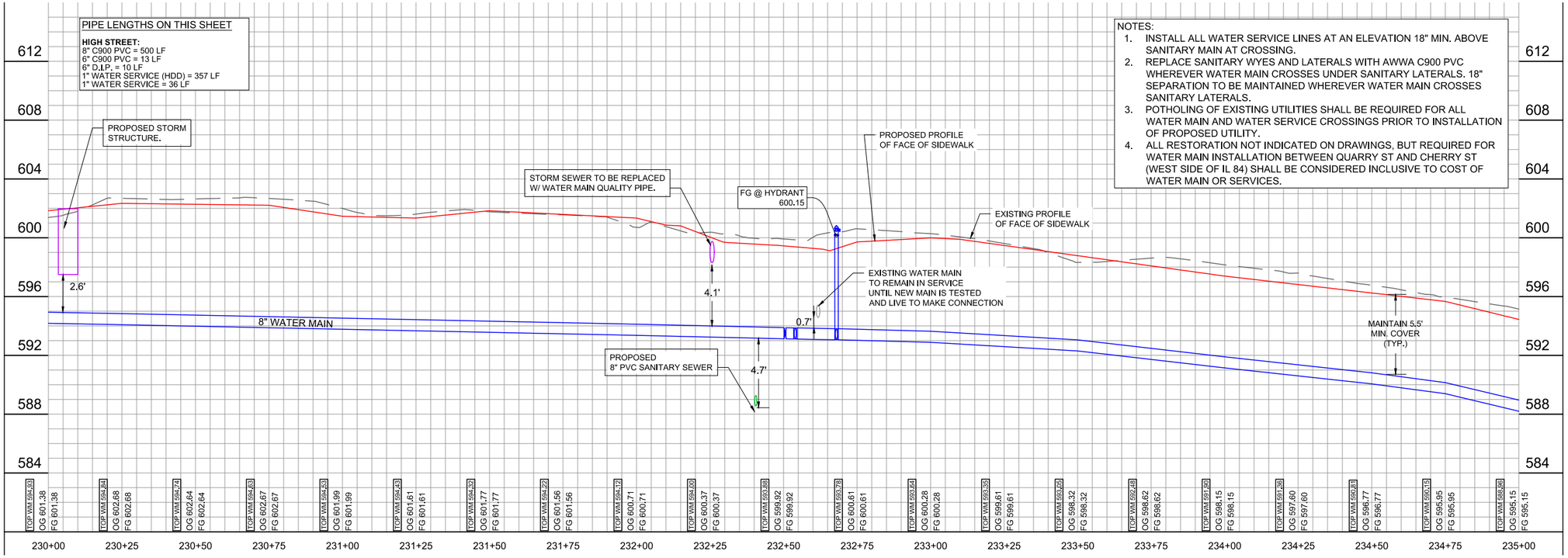
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



HYDRANT BURY DEPTHS

HYDRANT STA	BURY DEPTH
232+68.00	7'-0"



NOTES:
1. INSTALL ALL WATER SERVICE LINES AT AN ELEVATION 18" MIN. ABOVE SANITARY MAIN AT CROSSING.
2. REPLACE SANITARY WYES AND LATERALS WITH AWWA C900 PVC WHEREVER WATER MAIN CROSSES UNDER SANITARY LATERALS. 18" SEPARATION TO BE MAINTAINED WHEREVER WATER MAIN CROSSES SANITARY LATERALS.
3. POTHOLING OF EXISTING UTILITIES SHALL BE REQUIRED FOR ALL WATER MAIN AND WATER SERVICE CROSSINGS PRIOR TO INSTALLATION OF PROPOSED UTILITY.
4. ALL RESTORATION NOT INDICATED ON DRAWINGS, BUT REQUIRED FOR WATER MAIN INSTALLATION BETWEEN QUARRY ST AND CHERRY ST (WEST SIDE OF IL 84) SHALL BE CONSIDERED INCLUSIVE TO COST OF WATER MAIN OR SERVICES.

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

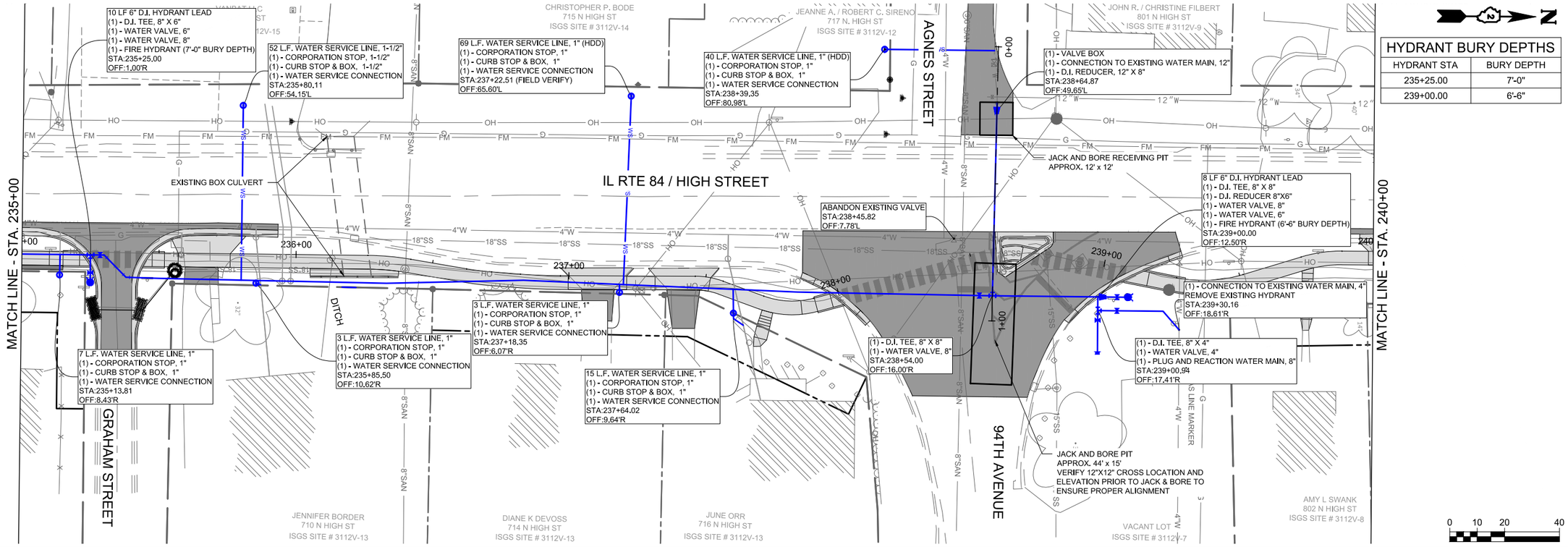
WATER MAIN PLAN & PROFILE - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 117 OF 190 SHEETS | STA. 230+00 TO STA. 235+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	117

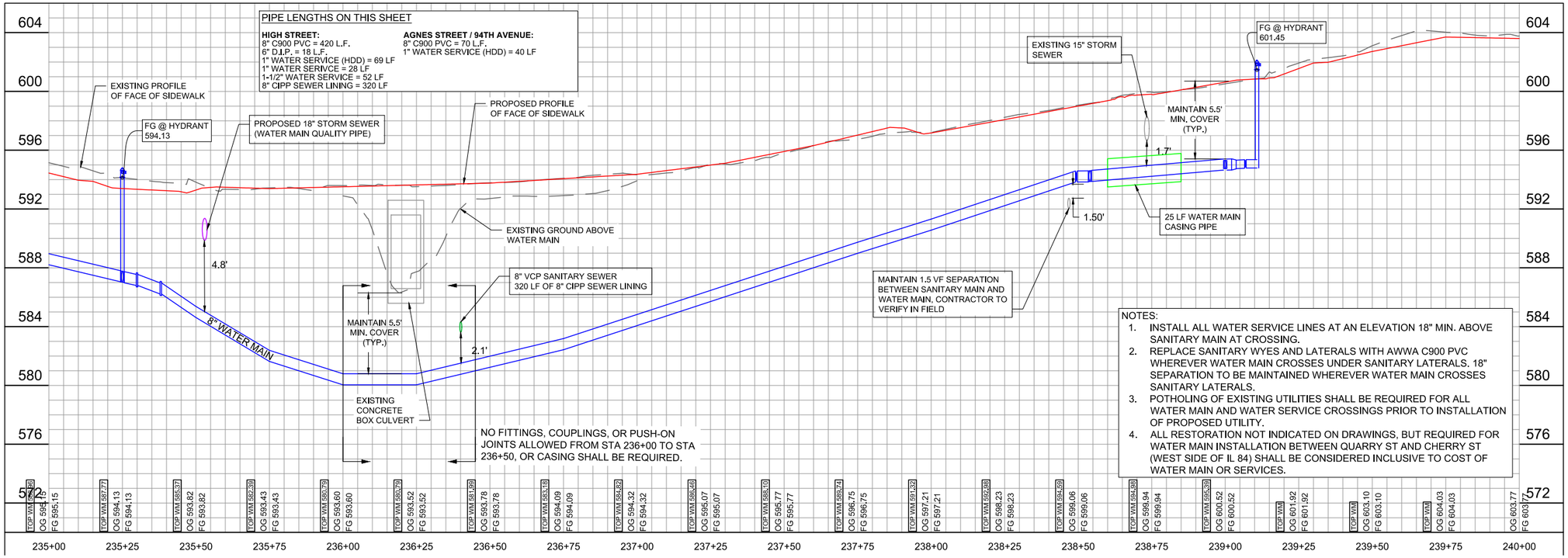
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



HYDRANT BURY DEPTHS

HYDRANT STA	BURY DEPTH
235+25.00	7'-0"
239+00.00	6'-6"



NOTES:

1. INSTALL ALL WATER SERVICE LINES AT AN ELEVATION 18" MIN. ABOVE SANITARY MAIN AT CROSSING.
2. REPLACE SANITARY WYES AND LATERALS WITH AWWA C900 PVC WHEREVER WATER MAIN CROSSES UNDER SANITARY LATERALS. 18" SEPARATION TO BE MAINTAINED WHEREVER WATER MAIN CROSSES SANITARY LATERALS.
3. POTHOLING OF EXISTING UTILITIES SHALL BE REQUIRED FOR ALL WATER MAIN AND WATER SERVICE CROSSINGS PRIOR TO INSTALLATION OF PROPOSED UTILITY.
4. ALL RESTORATION NOT INDICATED ON DRAWINGS, BUT REQUIRED FOR WATER MAIN INSTALLATION BETWEEN QUARRY ST AND CHERRY ST (WEST SIDE OF IL 84) SHALL BE CONSIDERED INCLUSIVE TO COST OF WATER MAIN OR SERVICES.

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN & PROFILE - HIGH STREET

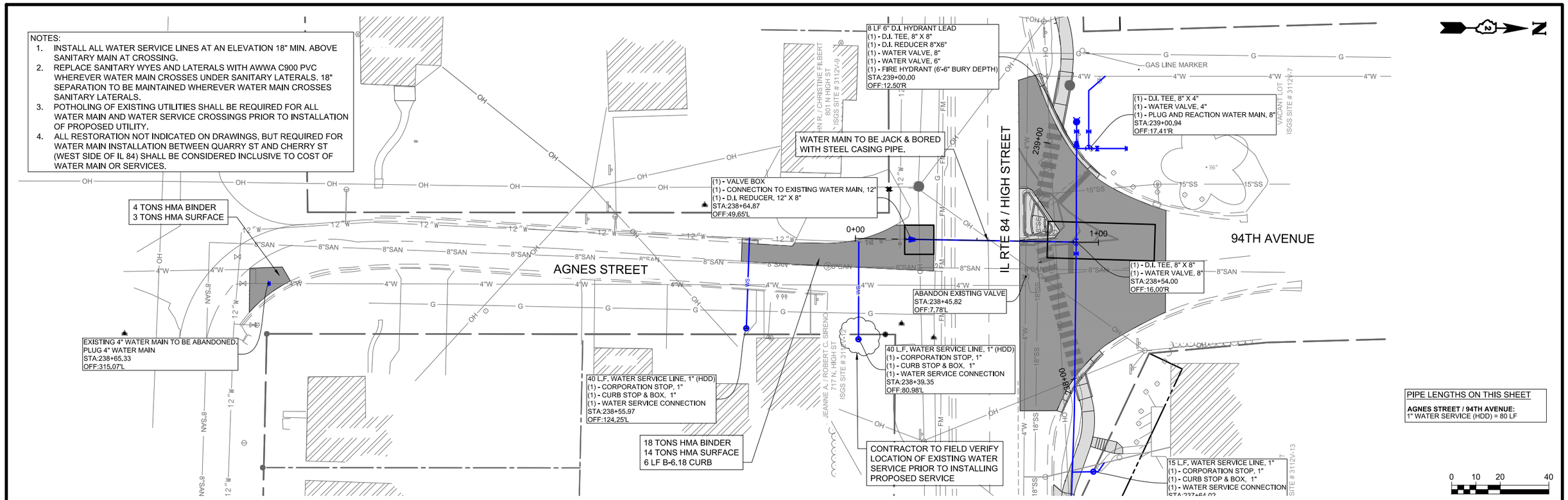
SCALE: AS SHOWN | SHEET NO. 118 OF 190 SHEETS | STA. 235+00 TO STA. 240+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	118

CONTRACT NO. 85697

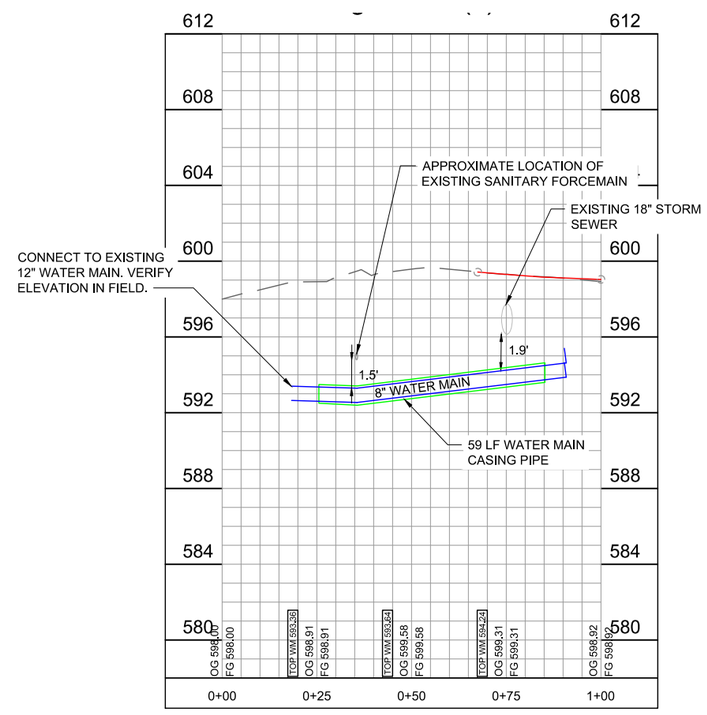
ILLINOIS FED. AID PROJECT

NOTES:
1. INSTALL ALL WATER SERVICE LINES AT AN ELEVATION 18" MIN. ABOVE SANITARY MAIN AT CROSSING.
2. REPLACE SANITARY WYES AND LATERALS WITH AWWA C900 PVC WHEREVER WATER MAIN CROSSES UNDER SANITARY LATERALS. 18" SEPARATION TO BE MAINTAINED WHEREVER WATER MAIN CROSSES SANITARY LATERALS.
3. POTHOLING OF EXISTING UTILITIES SHALL BE REQUIRED FOR ALL WATER MAIN AND WATER SERVICE CROSSINGS PRIOR TO INSTALLATION OF PROPOSED UTILITY.
4. ALL RESTORATION NOT INDICATED ON DRAWINGS, BUT REQUIRED FOR WATER MAIN INSTALLATION BETWEEN QUARRY ST AND CHERRY ST (WEST SIDE OF IL 84) SHALL BE CONSIDERED INCLUSIVE TO COST OF WATER MAIN OR SERVICES.



PIPE LENGTHS ON THIS SHEET

AGNES STREET / 94TH AVENUE:
1" WATER SERVICE (HDD) = 80 LF



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)				
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)				
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)				
FILE NAME - WATER MAIN PLAN & PROFILE - HIGH STREET.dwg		REVISED - (4)				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

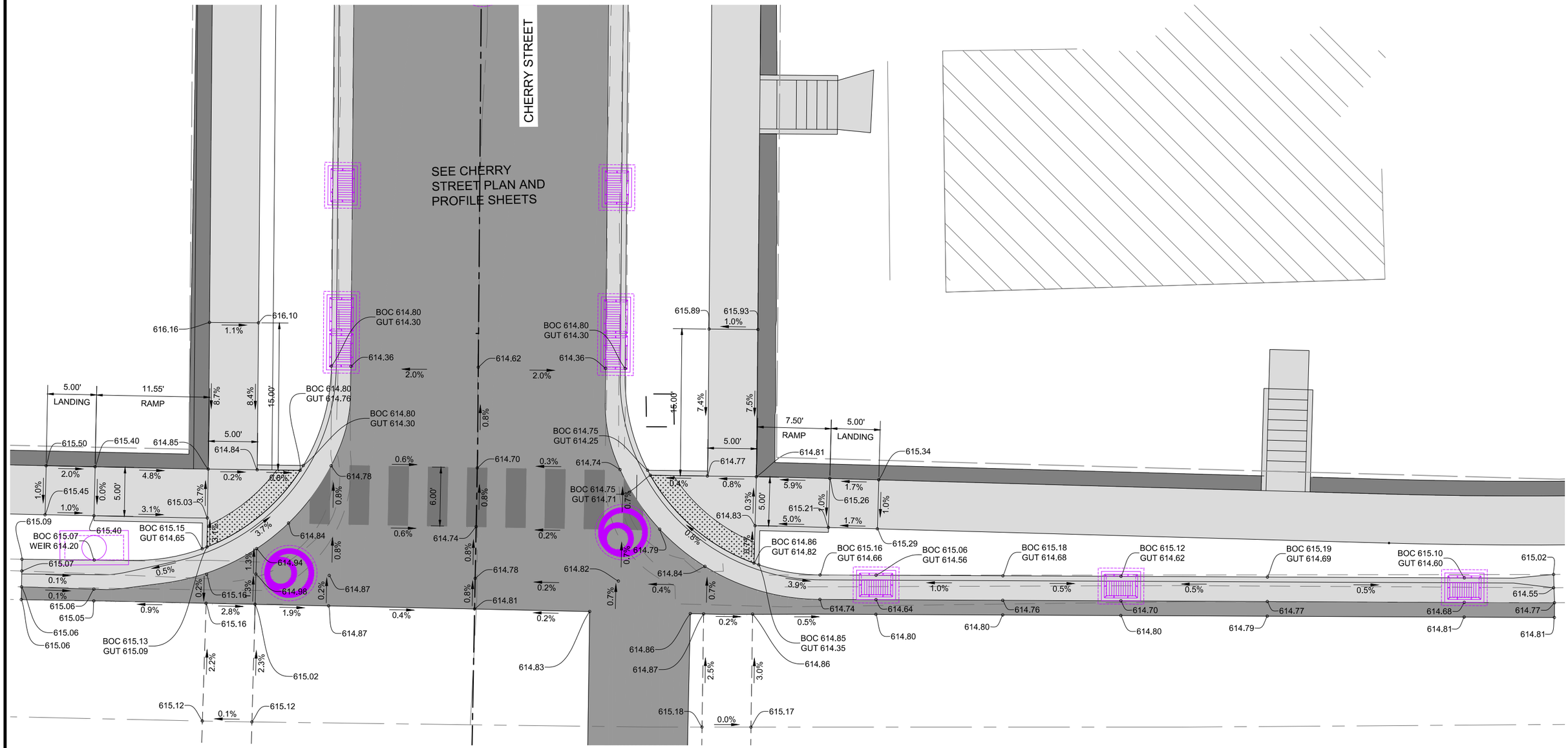
WATER MAIN PLAN & PROFILE - AGNES STREET

SCALE: AS SHOWN | SHEET NO. 119 OF 190 SHEETS | STA. 235+00 TO STA. 240+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	119

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



0 5 10

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

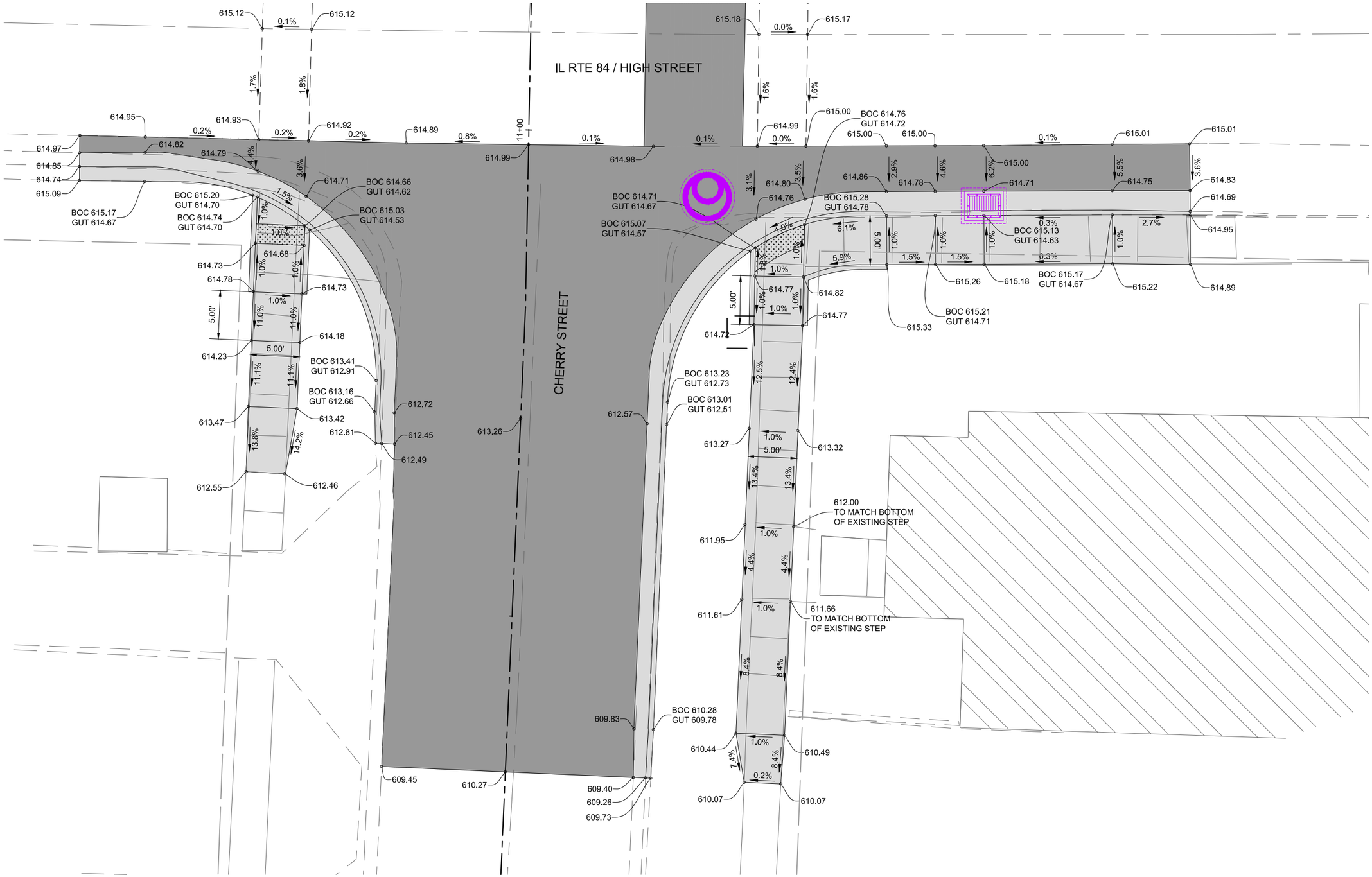
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS - CHERRY STREET EAST

SCALE: AS SHOWN | SHEET NO. 120 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	120
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

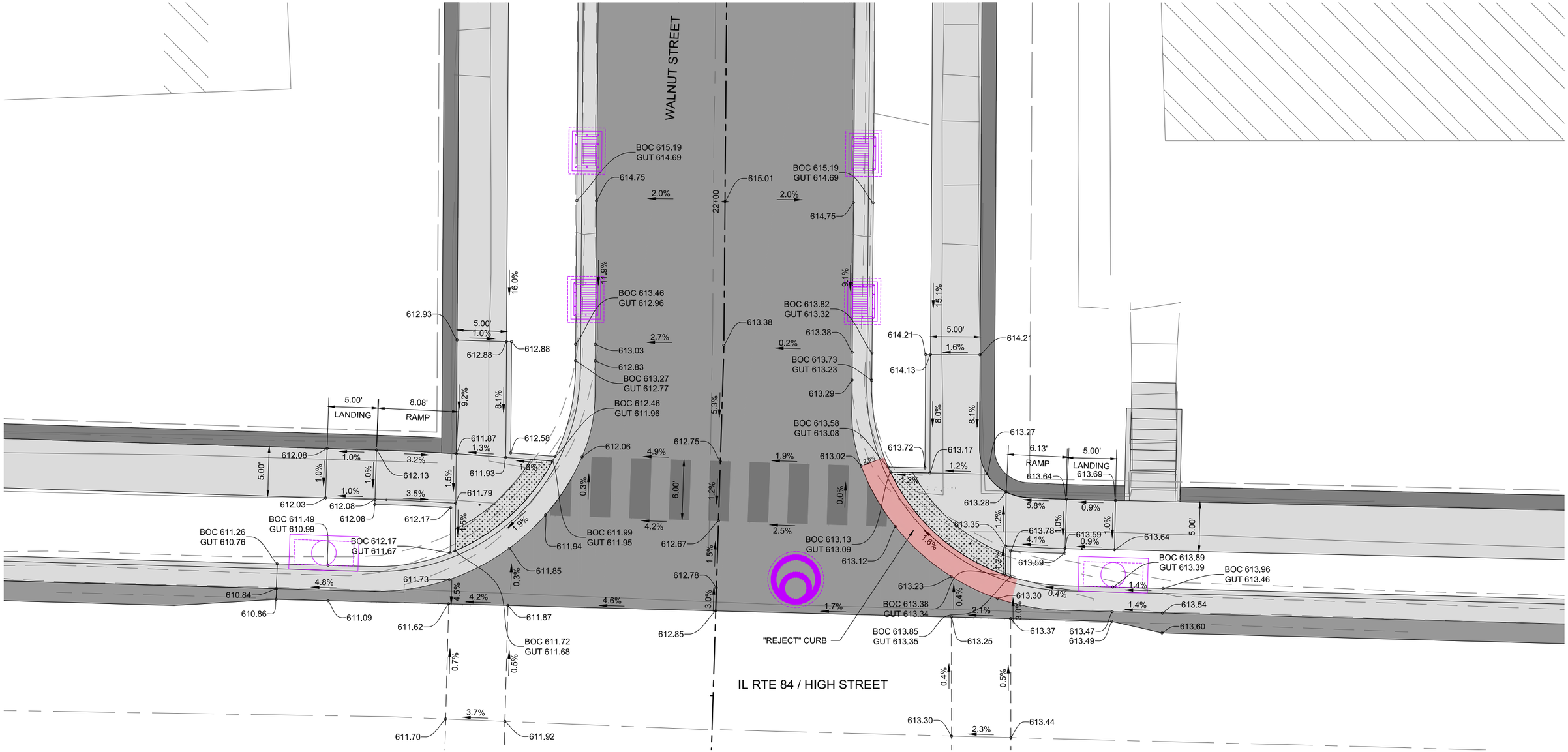
INTERSECTION DETAILS - CHERRY STREET WEST

SCALE: AS SHOWN | SHEET NO. 121 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	121

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



0 5 10

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

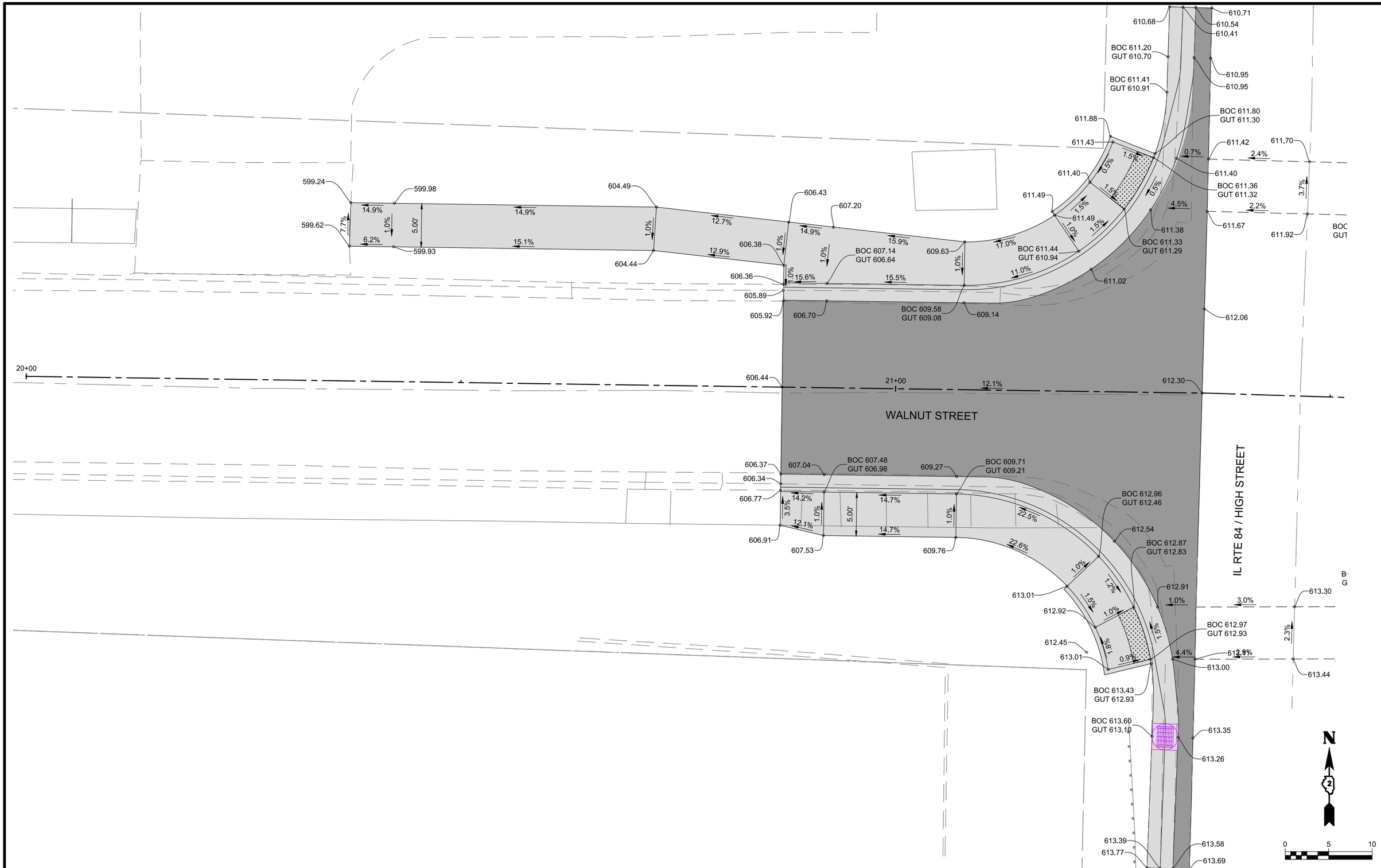
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS - WALNUT STREET EAST

SCALE: AS SHOWN | SHEET NO. 122 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	122
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



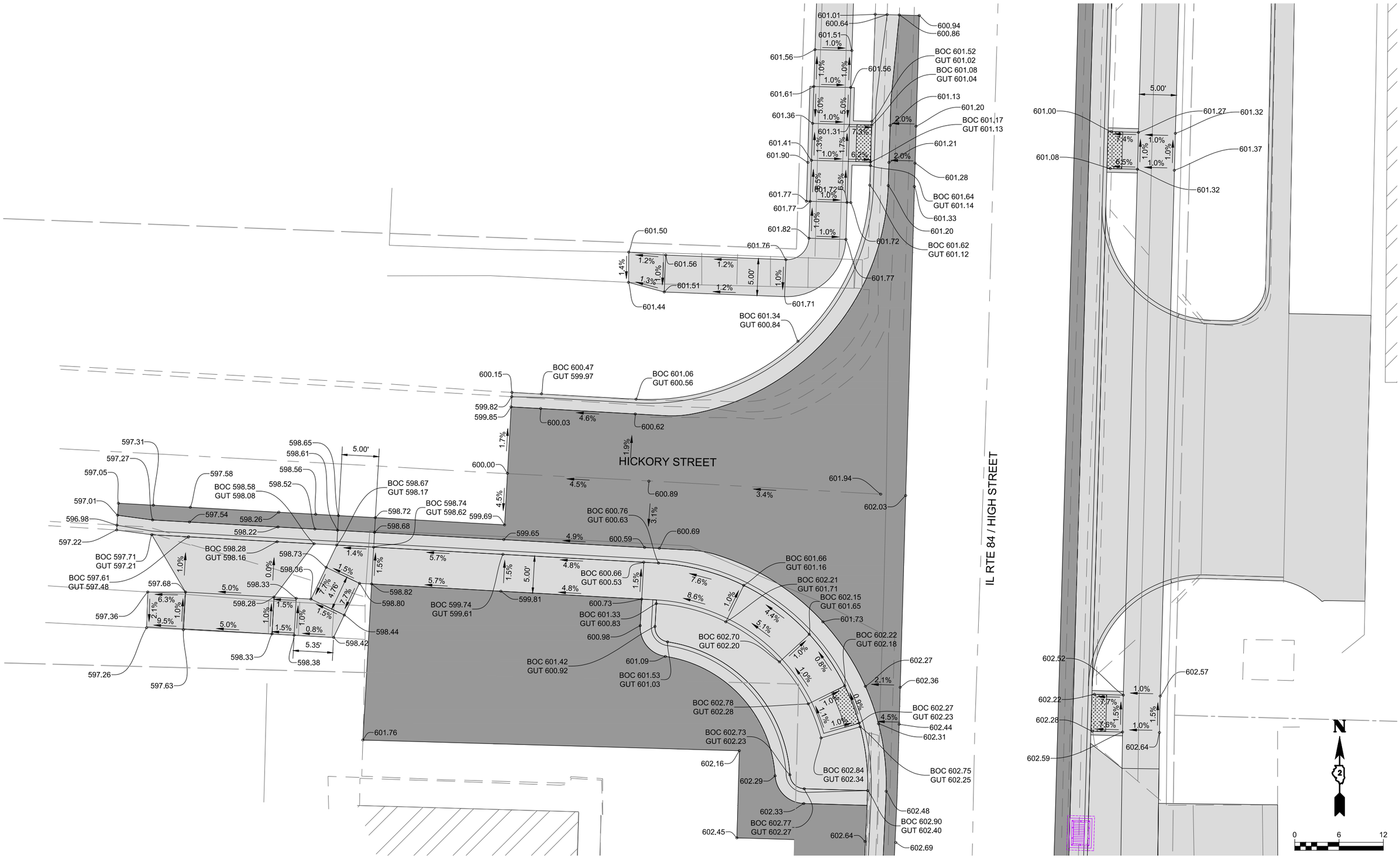
MSA	ENGINEERING | ARCHITECTURE | SURVEYING FUNDING | PLANNING | ENVIRONMENTAL 2117 State Street, Bettendorf IA 52722 (563) 445-3501 www.msa-ps.com © MSA Professional Services, Inc.	PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
		USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
		PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
		FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS - WALNUT STREET WEST

SCALE: AS SHOWN | SHEET NO. 123 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	123
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

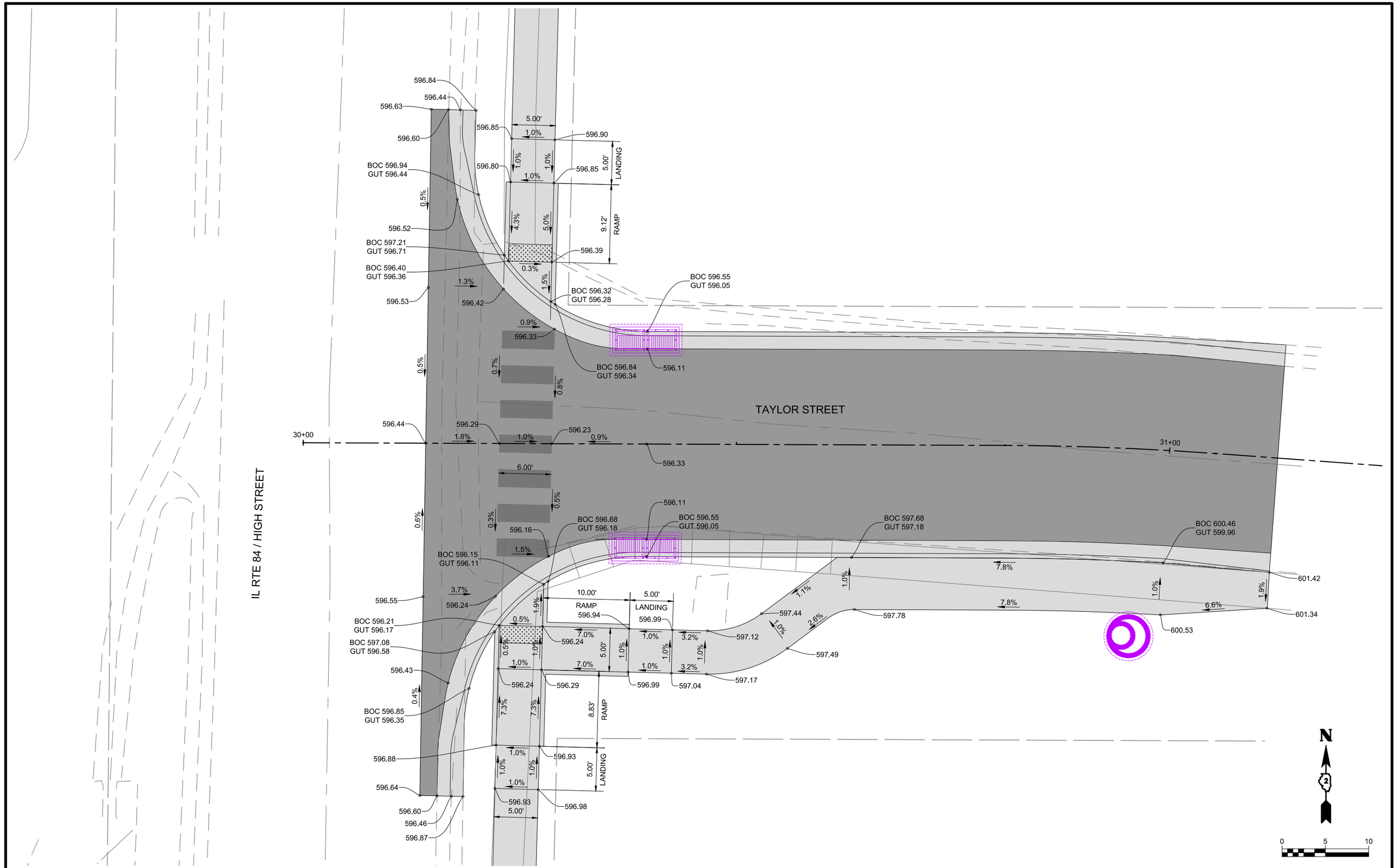
INTERSECTION DETAILS - HICKORY STREET

SCALE: AS SHOWN | SHEET NO. 124 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	124

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

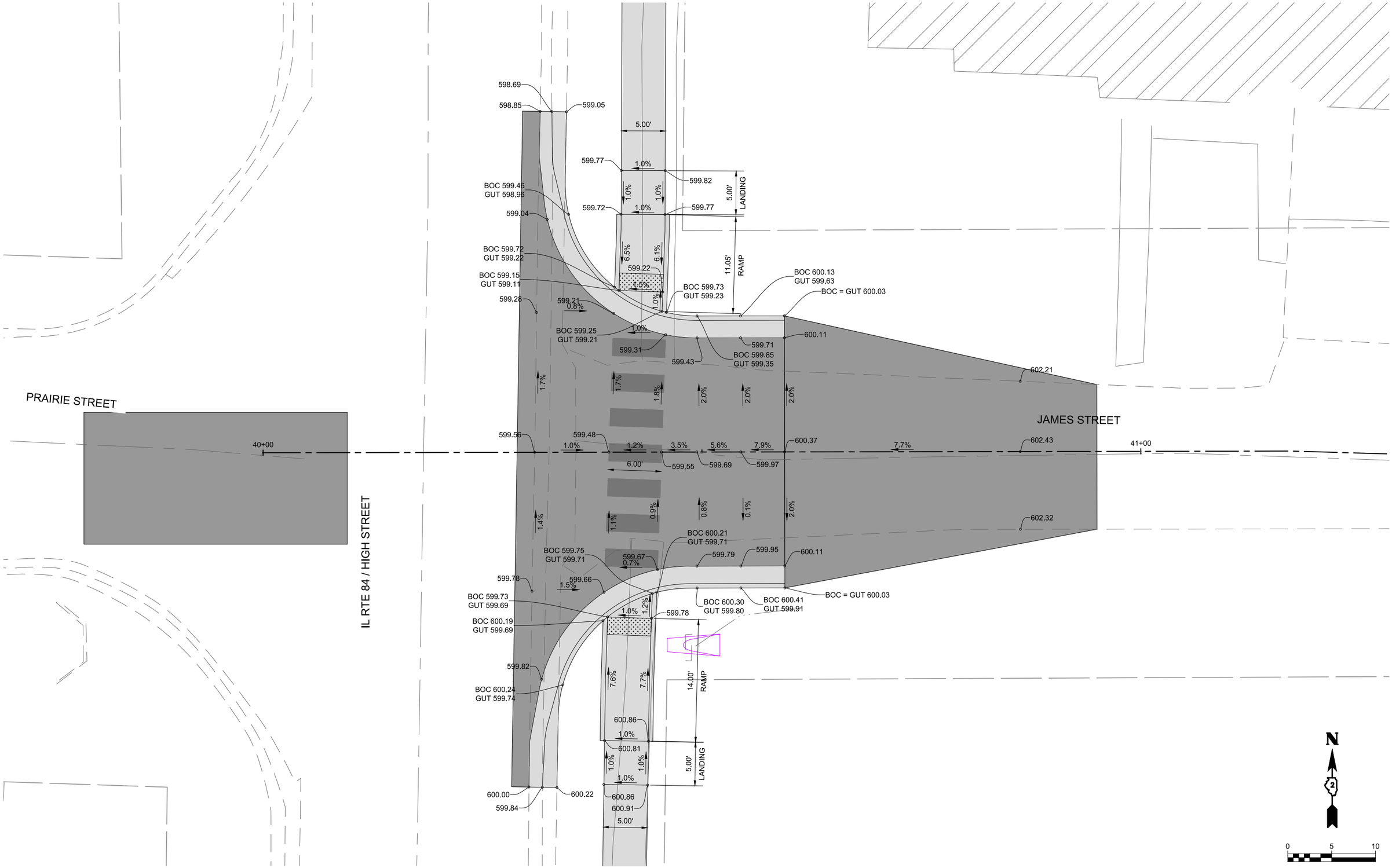
INTERSECTION DETAILS - TAYLOR STREET

SCALE: AS SHOWN | SHEET NO. 125 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	125

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA

ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

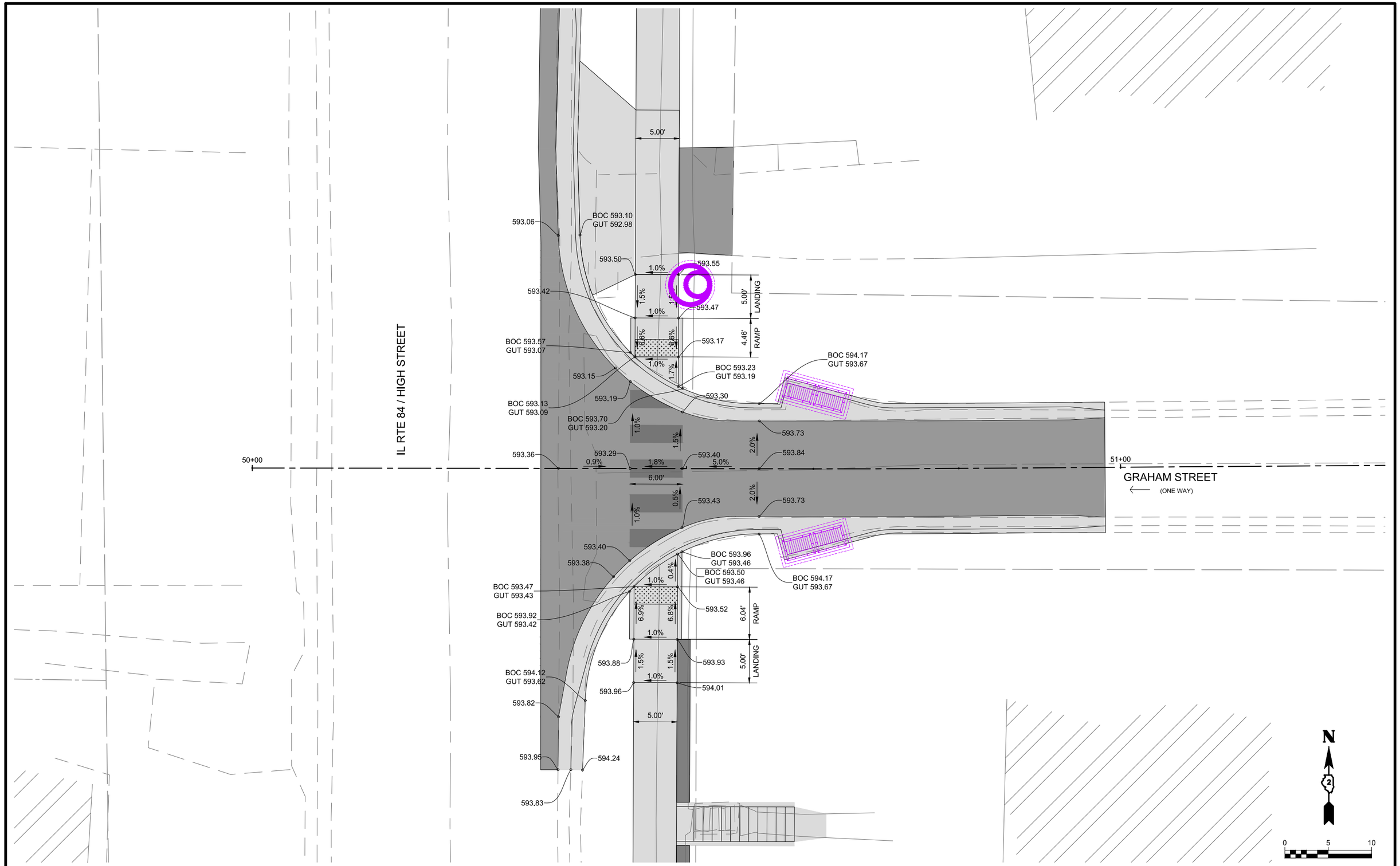
INTERSECTION DETAILS - JAMES STREET

SCALE: AS SHOWN | SHEET NO. 126 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	126

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA

ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS - GRAHAM STREET

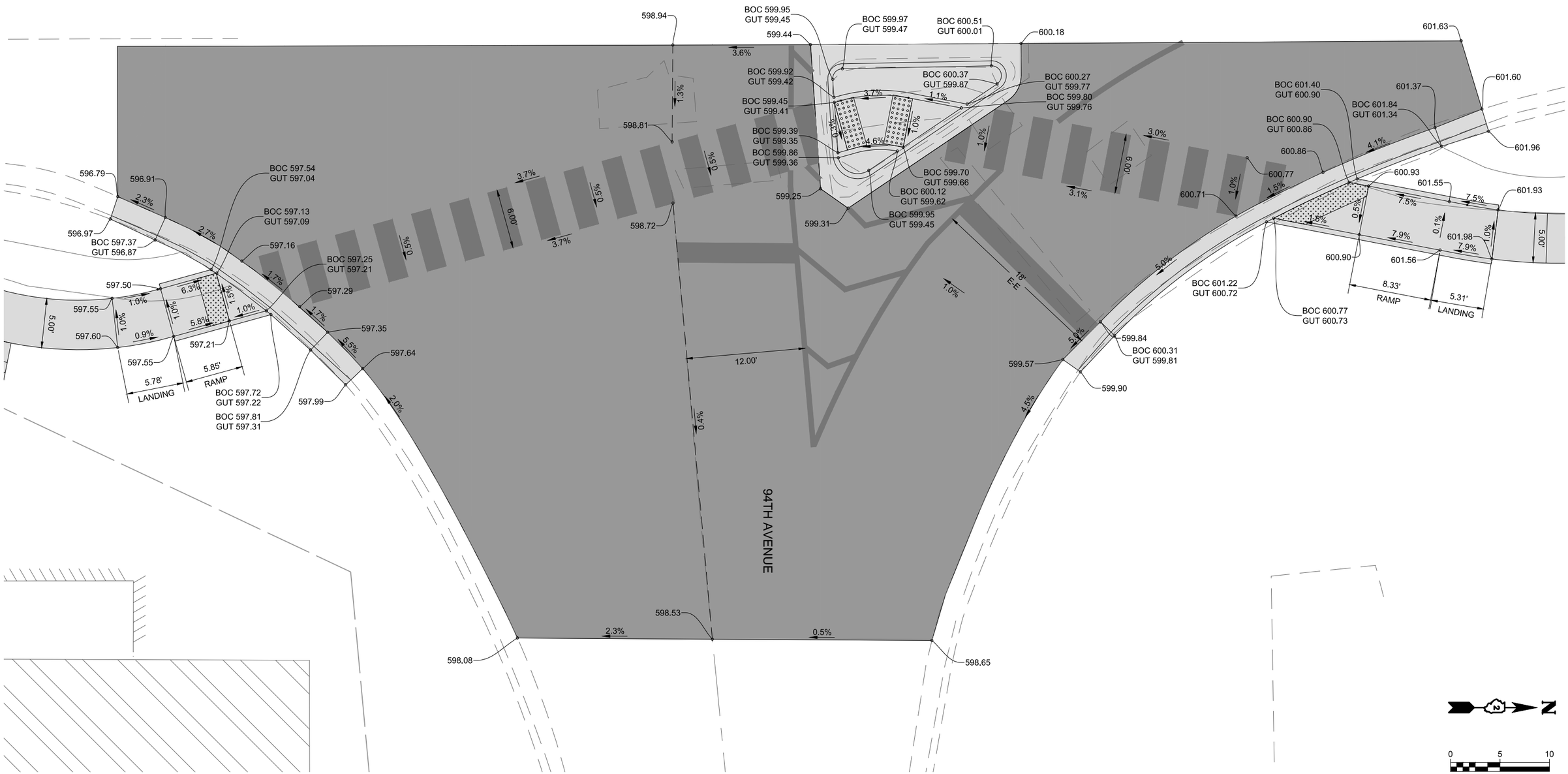
SCALE: AS SHOWN | SHEET NO. 127 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	127

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT

IL RTE 84 / HIGH STREET



MSA

ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

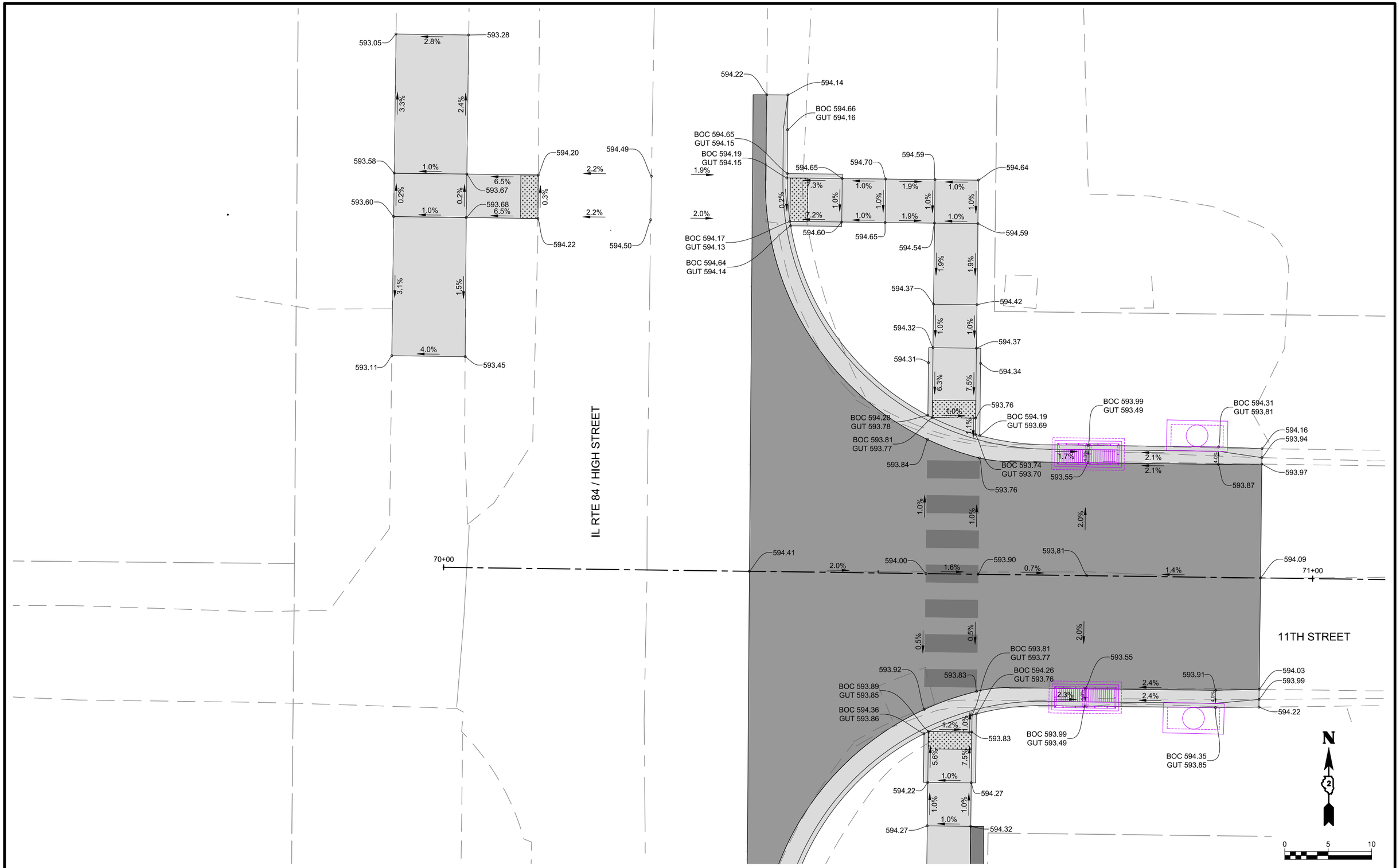
INTERSECTION DETAILS - 94TH AVENUE

SCALE: AS SHOWN | SHEET NO. 128 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	128

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



MSA

ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - INTERSECTION DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

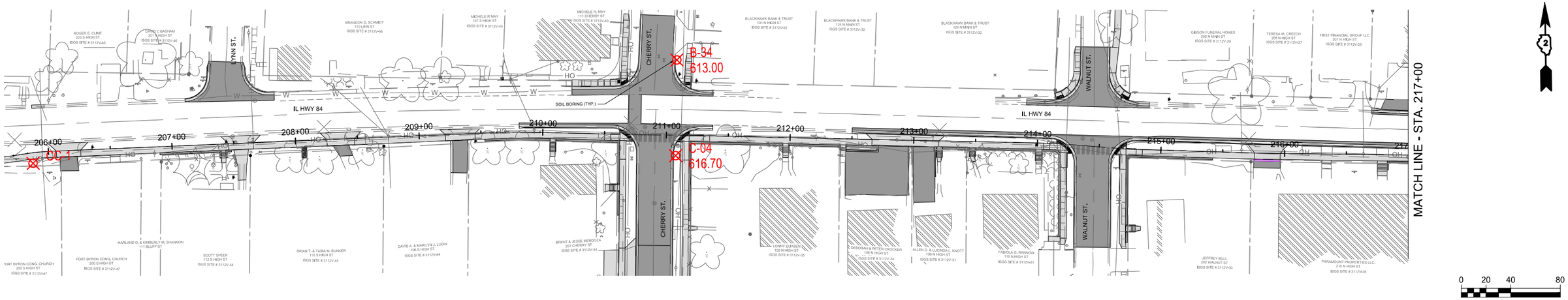
INTERSECTION DETAILS - 11TH STREET

SCALE: AS SHOWN | SHEET NO. 129 OF 190 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	129

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



WESTON SOLUTIONS
Restoring Resource Efficiency

BORING CC-1

(Page 1 of 1)

IDOT Job No. 027
FAP 308: Illinois Route 84 (High Street)
From Quarry Street to 11th Street
Port Byron, Rock Island County, Illinois

Date	: 1 May 2018	Datum	: WGS 1984
Sampling Method	: Geoprobe	Latitude	: 41.605234559
Drilling Company	: Earth Solutions	Longitude	: -90.334981682
Weston Geoscientist	: A. Hord	Surface	: Grass
Total Depth	: 2.0 ft bgs		

Sample Comments
Soil Sample Interval

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Sample Interval	Recovery (in / in)	Head Space (PID Units)	REMARKS
0	FL		SAND AND GRAVEL - gray, loose, fine-grained to coarse-grained sand, slightly moist, fine-grained gravel, well graded.				
			SAND - brown, moist, dense, fine-grained to medium-grained, poorly graded.			0.0	
1	SP				24/24		Soil Sample CC-1(0-2)-060118 collected from 0.0 to 2.0 ft bgs. Soil sample analyzed for VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
	GW		SAND AND GRAVEL - gray, loose fine-grained to coarse-grainid sand, fine-grained gravel, slightly moist, well graded.			0.0	
2			End of boring at 2.0 ft bgs.				

06-12-2018 K:\32056 - IDOT\32056.015.027 - PSI\Port Byron\Field Notes\Mech\CC-1.bor

BORING NO. 34

Page 1 of 1

CLIENT	Village of Port Bryon	ENGINEER	MSA Professional Services
SITE	Cherry Street, Port Byron, Illinois	PROJECT	North Utilities Extension

Boring Location: N1799238.823, E2250485.132
Offset about 7' northwest

Approx. Surface Elev.: 613 ft

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	TESTS WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
	Approx. 2" Asphaltic Cement Concrete Approx. 4" Crushed Limestone				PA					
	FILL, SANDY LEAN CLAY Brown			1	SS	13	10	14		
	3 — 610									
	SANDY LEAN CLAY Brown Medium Stiff				PA					
			CL	2	SS	16	6	16		
	Stiff at Sample 3	5			PA					
			CL	3	SS	16	12	32		
	7 — 606									
	WEATHERED LIMESTONE*				PA					
	8.5 — 604.5									
	BOTTOM OF BORING			4	SS	0	50/0"			
	***Classification of rock materials has been estimated estimated by the drill crew based on disturbed samples. Core samples and petrographic analysis may reveal other rock types.									

The stratification lines represent the approximate boundary lines between soil and rock types; in-situ, the transition may be gradual.

*Pocket Penetrometer
**CME 140 lb. SPT automatic hammer

WATER LEVEL OBSERVATIONS, ft			
WL ▽ None	WD ▼ None	AB	
WL ▽	▼		
WL			

Terracon

BORING STARTED			7-11-11
BORING COMPLETED			7-11-11
RIG	35E	FOREMAN	JT
APPROVED	VER	JOB #	07115047

BOREHOLE 99 BORING LOGS - CHERRY STREET.GPJ TERRACON.GDT 8/29/11

EXHIBIT A-36

BORING NO. C04

Page 1 of 1

CLIENT	Village of Port Bryon	ENGINEER	MSA Professional Services
SITE	Cherry Street, Port Byron, Illinois	PROJECT	North Utilities Extension

Boring Location: N1799237.803, E2250562.612

Approx. Surface Elev.: 616.7 ft

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	TESTS WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
	Approx. 2" Asphaltic Cement Concrete Approx. 7" Crushed Limestone				PA					
	SANDY LEAN CLAY (GLACIAL DEPOSIT) Brown Stiff		CL	1	SS	14	10	15		
					PA					
	Cobbles from 3½ to 5 feet		CL	2	SS	8	17/6" 50/6"	3		
	5 — 611.7	5			PA					
	FAT CLAY WITH SAND AND GRAVEL (RESIDUAL SOIL) Dark Brown Stiff		CH	3	SS	8	11	38		
					PA					
	Hard at Sample 4		CH	4	SS	10	34	36		
	10 — 606.7	10								
	MEDIUM SAND WITH LIMESTONE PIECES (RESIDUAL SOIL) Yellowish Brown Medium Dense				PA					
			SP	5	SS		15			
	15 — 601.7	15								
	BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types; in-situ, the transition may be gradual.

*Pocket Penetrometer
**CME 140 lb. SPT automatic hammer

WATER LEVEL OBSERVATIONS, ft			
WL ▽ None	WD ▼ None	AB	
WL ▽	▼		
WL			

Terracon

BORING STARTED			7-11-11
BORING COMPLETED			8-4-11
RIG	14E/135E	FOREMAN	JT
APPROVED	VER	JOB #	07115047

BOREHOLE 99 BORING LOGS - CHERRY STREET.GPJ TERRACON.GDT 8/29/11

EXHIBIT A-49

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - SOIL BORINGS - HIGH STREET.dwg		REVISED -	(4)

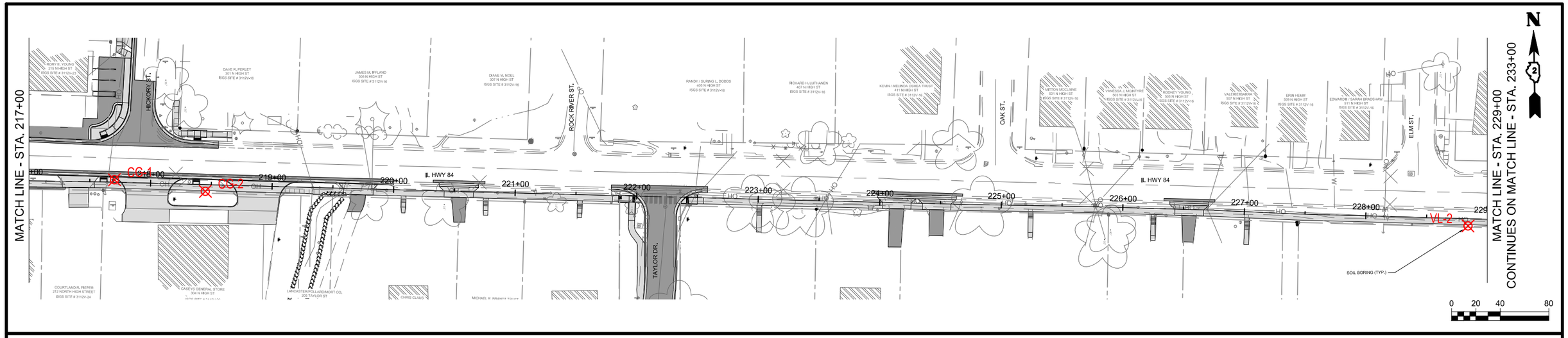
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 130 OF 190 SHEETS | STA. 206+00 TO STA. 217+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	130

CONTRACT NO. 85697
ILLINOIS FED. AID PROJECT



BORING CG-1

(Page 1 of 1)

IDOT Job No. 027
FAP 308: Illinois Route 84 (High Street)
From Quarry Street to 11th Street
Port Byron, Rock Island County, Illinois

Date	: 1 May 2018	Datum	: WGS 1984
Sampling Method	: Geoprobe	Latitude	: 41.608464560
Drilling Company	: Earth Solutions	Longitude	: -90.334958794
Weston Geoscientist	: A. Hord	Surface	: Grass
Total Depth	: 10.0 ft bgs		

Sample Comments: ☒ Soil Sample Interval

Depth in Feet	USCS	DESCRIPTION	Sample Interval	Recovery (in / in)	Head Space (PID Units)	REMARKS
0	FL	SAND AND GRAVEL - brown, loose, dry, fine-grained to coarse-grained sand, fine-grained gravel, trace rootlets.				
1	CH	CLAY - tan, slightly stiff, slightly moist, high plasticity, trace fine-grained to medium-grained sand.			0.0	
2				48/60		Soil Sample CG-1(0-5)-050118 and CG-1(0-5)-050118D collected from 0.0 to 5.0 ft bgs.
3					0.0	
4		As above - soft, moist.				
5					0.0	
6		As above - soft, medium plasticity, little fine-grained sand, moist.				
7					0.0	
				60/60		Soil Sample CG-1(5-10)-050118 and CG-1(5-10)-050118D collected form 5.0 to 10.0 ft bgs.
8		CLAY - gray, moist, low plasticity, brown mottling, slightly stiff.				Soil samples analyzed for VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
9	CL				0.0	
10		End of boring at 10.0 ft bgs.				
11						

06-12-2018, K:\02056 - IDOT\02056.015.027 - PSI Port Byron\Field Notes\Mechs\CG-1.bor

BORING CG-2

(Page 1 of 1)

IDOT Job No. 027
FAP 308: Illinois Route 84 (High Street)
From Quarry Street to 11th Street
Port Byron, Rock Island County, Illinois

Date	: 1 May 2018	Datum	: WGS 1984
Sampling Method	: Geoprobe	Latitude	: 41.608662612
Drilling Company	: Earth Solutions	Longitude	: -90.334936079
Weston Geoscientist	: A. Hord	Surface	: Grass
Total Depth	: 10.0 ft bgs		

Sample Comments: ☒ Soil Sample Interval

Depth in Feet	USCS	DESCRIPTION	Sample Interval	Recovery (in / in)	Head Space (PID Units)	Temporary Well CG-2	REMARKS
0		CLAYEY SAND - tan, dense, fine-grained to medium-grained sand, poorly graded, non-plastic.				0	
1					0.0		
2				50/60			Soil Sample CG-2(0-5)-050118 collected from 0.0 to 5.0 ft bgs.
3	SC	As above.			0.0		
4		As above.					
5					0.0	5	
6		SAND - tan, wet to saturated at 6.0 ft bgs, fine-grained sand, well graded, dense.				▼	Soil Sample CG-2(5-10)-050118 collected form 5.0 to 10.0 ft bgs.
7					0.0		
				36/60			
8	SP	As above.					Groundwater Sample CG-2-050118 collected. Soil samples analyzed for VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH. Groundwater sample analyzed for VOCs, SVOCs and Total Metals.
9					0.0		
10		End of boring at 10.0 ft bgs.				10	
11							

06-12-2018, K:\02056 - IDOT\02056.015.027 - PSI Port Byron\Field Notes\Mechs\CG-2.bor

BORING VL2-2

(Page 1 of 1)

IDOT Job No. 027
FAP 308: Illinois Route 84 (High Street)
From Quarry Street to 11th Street
Port Byron, Rock Island County, Illinois

Date	: 2 May 2018	Datum	: WGS 1984
Sampling Method	: Geoprobe	Latitude	: 41.611527627
Drilling Company	: Earth Solutions	Longitude	: -90.334835108
Weston Geoscientist	: A. Hord	Surface	: Grass
Total Depth	: 7.0 ft bgs		

Sample Comments: ☒ Soil Sample Interval

Depth in Feet	USCS	DESCRIPTION	Sample Interval	Recovery (in / in)	Head Space (PID Units)	REMARKS
0		SILTY SAND, tan to borwn, gray mottling, moist, fine-grained to medium-grained sand, dense, poorly graded.				
1					0.0	
						Soil Sample VL2-2(0-3)-050218 collected from 0.0 to 3.0 ft bgs.
2	SP			55/60		
3		As above.			0.0	
4						
5					0.0	Soil Sample VL2-2(3-7)-050218 collected form 3.0 to 7.0 ft bgs. Soil samples analyzed for VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
		SAND - tan, gray mottling, fine-grained to medium-grained sand, some silt, poorly graded, dense.				
6	SP			24/24		
7		End of boring at 7.0 ft bgs.				
8						

06-12-2018, K:\02056 - IDOT\02056.015.027 - PSI Port Byron\Field Notes\Mechs\VL2-2.bor

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

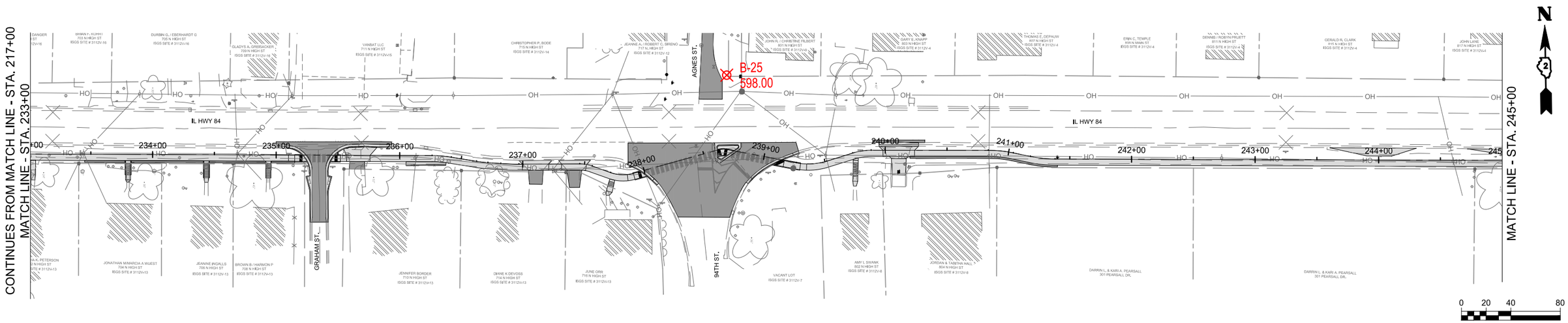
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - SOIL BORINGS - HIGH STREET.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 131 OF 190 SHEETS | STA. 206+00 TO STA. 217+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	131
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



BORING NO. 25

Page 1 of 1

CLIENT	ENGINEER
Village of Port Bryon	MSA Professional Services
SITE: Highway 84, Port Byron, Illinois	PROJECT: North Utilities Extension

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES: NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	TESTS: WATER CONTENT, %	DRY UNIT WT. pcf	UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 598 ft									
	Approx. 2" Asphaltic Cement Concrete Approx. 10" Crushed Limestone				PA					
	FILL, CRUSHED LIMESTONE*** Brown			1	SS	0	10			
	3.5 — 594.5				PA					
	CLAYEY FINE SAND Brown Loose		SC	2	SS	6	4	20		
	5.5 — 592.5	5			PA					
	FINE TO MEDIUM SAND Brown Medium Dense		SP	3	SS	10	15	7		
	8 — 590				PA					
	WEATHERED LIMESTONE**** Yellowish-Brown			4	SS	3	34	2		
	10 — 588	10								
	BOTTOM OF BORING									

*****Soil descriptions are based on the driller's field classification of disturbed samples.

******Classification of rock materials has been estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.

The stratification lines represent the approximate boundary lines between soil and rock types; in-situ, the transition may be gradual.

*Pocket Penetrometer
**CME 140 lb. SPT, automatic hammer

WATER LEVEL OBSERVATIONS, ft			
WL	None	WD	None	AB
WL			
WL			

Terracon

BORING STARTED			8-4-11
BORING COMPLETED			8-4-11
RIG	14E	FOREMAN	RP
APPROVED	VER	JOB #	07115047

BOREHOLE log BORING LOGS.GPJ TERRACON.GDT 6/29/11

EXHIBIT A-27

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - SOIL BORINGS - HIGH STREET.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

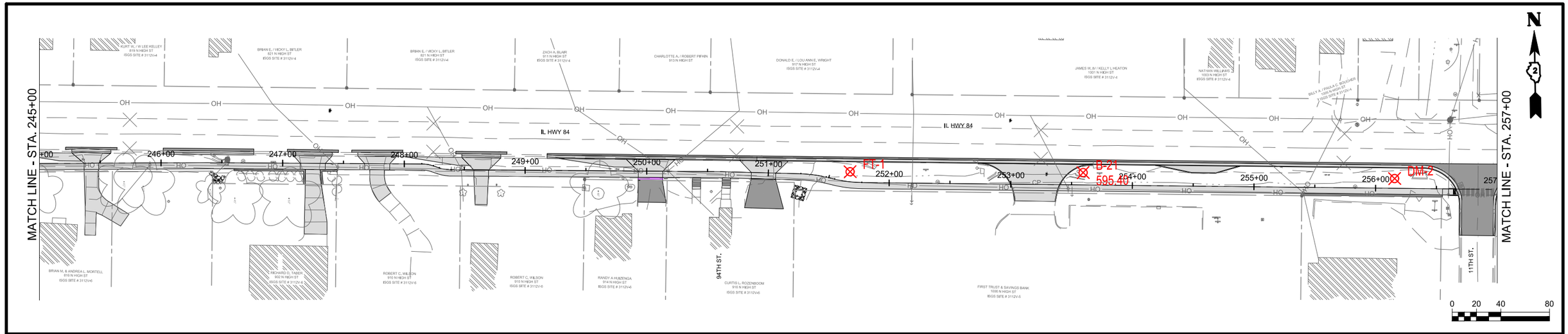
SOIL BORINGS - HIGH STREET

SCALE: AS SHOWN | SHEET NO. 132 OF 190 SHEETS | STA. 233+00 | TO STA. 244+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	132

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



BORING FT-1

(Page 1 of 1)

WESTON SOLUTIONS — Restoring Resource Efficiency

IDOT Job No. 027
FAP 308: Illinois Route 84 (High Street)
From Quarry Street to 11th Street
Port Byron, Rock Island County, Illinois

Date	: 1 May 2018	Datum	: WGS 1984
Sampling Method	: Geoprobe	Latitude	: 41.617774787
Drilling Company	: Earth Solutions	Longitude	: -90.334796703
Weston Geoscientist	: A. Hord	Surface	: Grass
Total Depth	: 5.0 ft bgs		

Sample Comments: ☒ Soil Sample Interval

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Sample Interval	Recovery (in / ft)	Head Space (PID Units)	REMARKS
0			SILTY SAND - brown, moist, soft, dense, fine-grained to coarse-grained sand, trace clay, fine-grained gravel, trace brick, well graded.				
						0.0	
1			As above.				
2	FL				42/60		Soil Sample FT-1(0-5)-050118 collected from 0.0 to 5.0 ft bgs. Soil sample analyzed for VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3			Styro-foam chunk			0.0	
4			As above.				
5			End of boring at 5.0 ft bgs.				
6							

06-12-2018 K:\02056 - IDOT\02056.015.027 - PSI Port Byron\Field Notes\Mech\FT-1.bor

BORING NO. 21

Page 1 of 1

CLIENT: Village of Port Bryon
SITE: Highway 84, Port Byron, Illinois
ENGINEER: MSA Professional Services
PROJECT: North Utilities Extension

Approx. Surface Elev.: 595.4 ft

DESCRIPTION	DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT. pcf	UNCONFINED STRENGTH, psf
Approx. 2" Asphaltic Cement Concrete				PA					
Approx. 10" Crushed Limestone									
SANDY SILTY CLAY, Brown, Medium Stiff		CL ML	1	SS	12	6	20		
				PA					
Soft at Sample 2		CL ML	2	SS	6	2	22		
	5			PA					
Very Soft at Sample 3		CL ML	3	SS	14	1	22		
				PA					
8.5 / 586.9									
MEDIUM SAND WITH LIMESTONE PIECES (RESIDUAL SOIL), Yellowish Brown, Medium Dense		SP	4	SS	14	22	5		
10 / 585.4	10								
BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types; in-situ, the transition may be gradual.

*Pocket Penetrometer
**CME 140 lb. SPT automatic hammer

WATER LEVEL OBSERVATIONS, ft			
WL None	WD None	AB	
WL None	8-5-11		
WL			

Terracon

BORING STARTED	8-4-11		
BORING COMPLETED	8-4-11		
RIG	14E	FOREMAN	RP
APPROVED	VER	JOB #	07115047

BOREHOLE 99 BORINGS LOGS.GPJ TERRACON.GDT 8/29/11

EXHIBIT A-23

BORING DM-2

(Page 1 of 1)

WESTON SOLUTIONS — Restoring Resource Efficiency

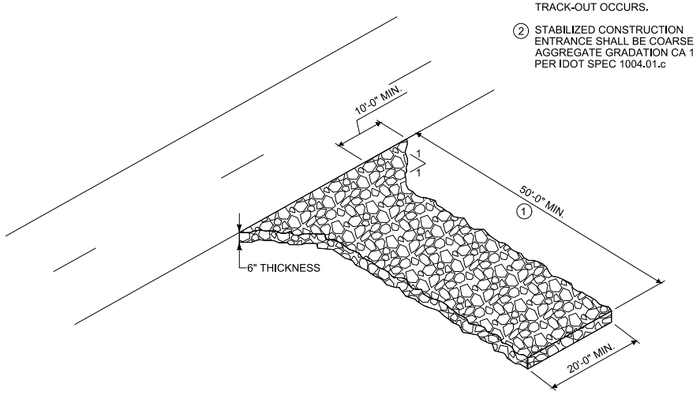
IDOT Job No. 027
FAP 308: Illinois Route 84 (High Street)
From Quarry Street to 11th Street
Port Byron, Rock Island County, Illinois

Date	: 2 May 2018	Datum	: WGS 1984
Sampling Method	: Geoprobe	Latitude	: 41.619007856
Drilling Company	: Earth Solutions	Longitude	: -90.334805234
Weston Geoscientist	: A. Hord	Surface	: Grass
Total Depth	: 5.0 ft bgs		

Sample Comments: ☒ Soil Sample Interval

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Sample Interval	Recovery (in / ft)	Head Space (PID Units)	REMARKS
0	FL		SANDY SILT - brown, dry, loose, non-plastic, fine-grained to coarse-grained sand, trace fine-grained gravel.			0.0	
1							
2					40/60		Soil Sample DM-2(0-5)-050218 collected from 0.0 to 5.0 ft bgs. Soil sample analyzed for VOCs, SVOCs, Total Metals, TCLP/SPLP Metals, and pH.
3	SP		SILTY SAND - brown, moist, fine-grained sand, poorly graded, dense.			0.0	
4	CH		CLAY - tan, high plasticity, trace fine-grained sand, slightly stiff, slightly moist.				
5			End of boring at 5.0 ft bgs.				
6							

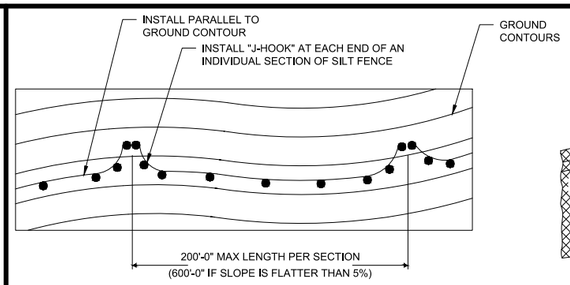
06-12-2018 K:\02056 - IDOT\02056.015.027 - PSI Port Byron\Field Notes\Mech\DM-2.bor



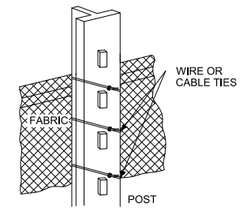
1. 50' MINIMUM ENTRANCE LENGTH. LENGTH OF ENTRANCE MAY BE INCREASED IF SEDIMENT TRACK-OUT OCCURS.
2. STABILIZED CONSTRUCTION ENTRANCE SHALL BE COARSE AGGREGATE GRADATION CA 1 PER IDOT SPEC 1004.01.c

STABILIZED CONSTRUCTION ENTRANCE (CITY STANDARD)

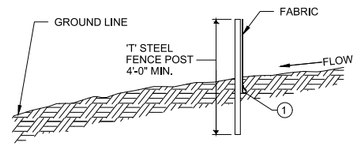
SCALE: NONE



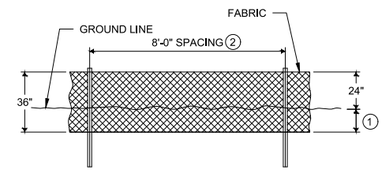
TYPICAL SILT FENCE INSTALLATION ON LONGITUDINAL SLOPES
(PLAN VIEW)



ATTACHMENT TO POST



TYPICAL SILT FENCE INSTALLATION ON LONGITUDINAL SLOPES
(PROFILE VIEW)

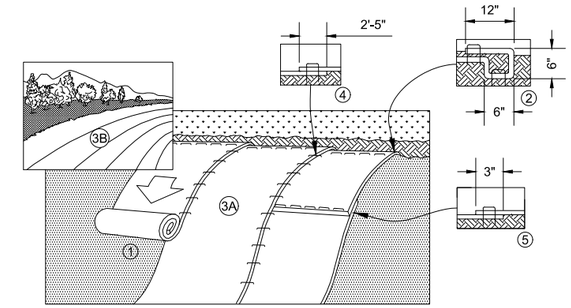


DETAILS OF SILT FENCE ON LONGITUDINAL SLOPES

1. INSERT 12 INCHES OF FABRIC A MINIMUM OF 6 INCHES DEEP (FABRIC MAY BE FOLDED BELOW THE GROUND LINE)
2. REDUCE POST SPACING TO 5'-0" AT WATER CONCENTRATION AREAS, OR AS REQUIRED TO ADEQUATELY SUPPORT FENCE.

SILT FENCE DETAILS (CITY STANDARD)

SCALE: NONE

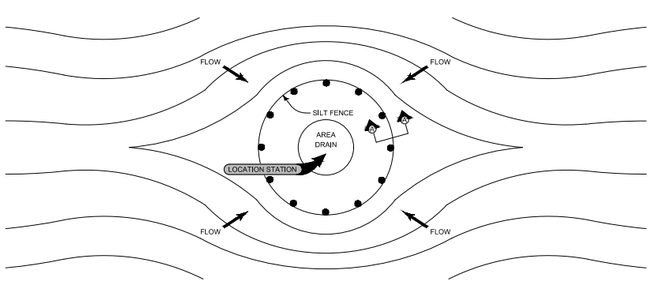


1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON BLANKET TYPE.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE BLANKET WIDTH.

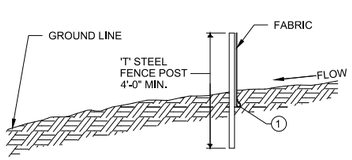
NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

EROSION CONTROL BLANKET (CITY STANDARD)

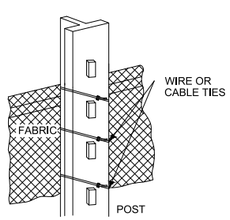
SCALE: NONE



PLAN FOR SILT FENCE AT AREA DRAIN



SECTION A-A



ATTACHMENT TO POST

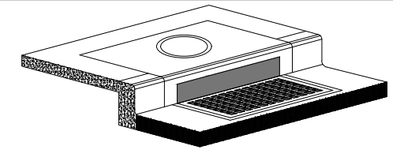
SILT FENCE AREA DRAIN PROTECTION (CITY STANDARD)

SCALE: NONE

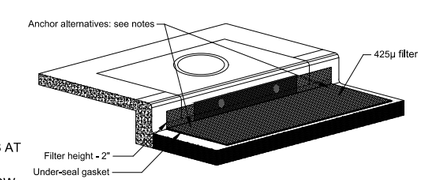
Grate Size	Inlet Cover Size
24" x 20"	28" x 22"
36" x 18"	48" x 22"
36" x 20"	48" x 22"
40" x 18"	48" x 22"
40" x 24"	48" x 27"
42" x 28"	48" x 30"

Construction Details
* Filter height = 2 inches
* UV resistant HDPE outer jacket
* Under-seal gasket to prevent underflow
* CG height = 6 inches (vertical component)

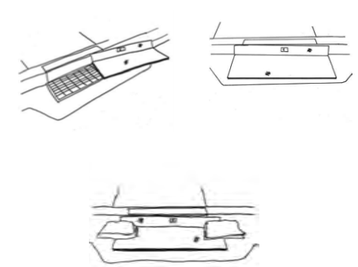
INSTALLATION NOTES
1. PLACEMENT: PLACE CG TIGHTLY AGAINST CURB OPENING AND COVER ENTIRE GRATE. CG SHOULD EXTEND AT LEAST 2 INCHES PAST GRATE TOWARDS STREET.
2. OVERLAP FOR LONG OPENINGS: OVERLAP CG UNITS AT LONGER OPENINGS.
3. ANCHOR: ANCHOR CG SO THAT WATER CANNOT FLOW BEHIND IT.
4. ALTERNATE ANCHOR METHODS: A) INSTALL GRAVEL BAGS AT EACH SIDE OF CG - HALF-ON AND HALF-OFF THE EDGES. USE HALF-FILLED GRAVEL BAGS (15 OR 20 LBS). ROUND ROCK IS RECOMMENDED. OR B) ATTACH WITH 16 GAUGE TIE-WIRE. CUT WIRE TO 18" LENGTH. AT EACH CORNER OF CG, FEED ONE END OF WIRE DOWN THROUGH CG, AROUND GRATE BAR, AND BACK UP THRU CG. ABOVE GROUND, TWIST WIRES SEVERAL TIMES, CUT-OFF EXCESS. OR C) FASTEN WITH CONCRETE ANCHORS/NAILS AT THE OUTSIDE EDGES OF CG.



Unprotected drainage inlet

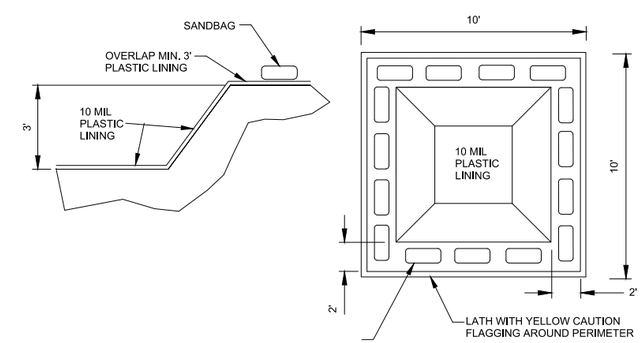


Protected drainage inlet



INLET PROTECTION (CITY STANDARD)

SCALE: NONE



NOTES:
1. WASHOUT FACILITY SHALL NOT BE LOCATED WITHIN 50-FT UPSTREAM OF STORM DRAINS, OPEN DITCHES OR WATER BODIES.
2. WASHOUT FACILITIES MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED ONCE THE FACILITY IS 75% FULL. HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF. IF THE FACILITY IS TO BE REUSED, LINE THE STRUCTURE WITH NEW 10 MIL POLYETHYLENE SHEETING FREE OF HOLES OR TEARS.
3. A SIGN SHALL BE POSTED ADJACENT TO THE FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS OF THE FACILITY. THE JOB SITE SUPERINTENDENT SHALL ENSURE THAT CONCRETE EQUIPMENT OPERATORS USE THE WASHOUT FACILITY.
4. IF NECESSARY, A CRUSHED STONE PATH SHALL BE CONSTRUCTED TO PROVIDE EASE OF ACCESS FOR EQUIPMENT.
5. WHEN THE FACILITY IS NO LONGER REQUIRED, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF, THE MATERIALS USED TO CONSTRUCT THE FACILITY SHALL BE REMOVED, AND THE HOLE BACKFILLED AND THE SURROUNDING AREA REPAIRED.

CONCRETE WASHOUT DETAIL (CITY STANDARD)

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

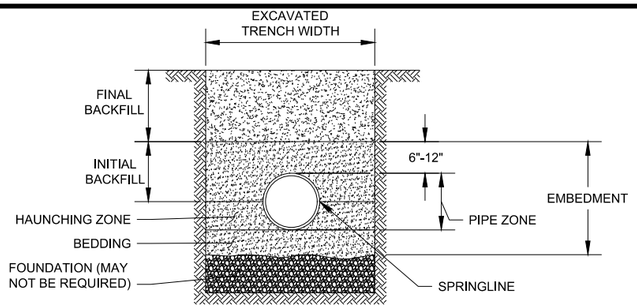
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS

SCALE: NONE | SHEET NO. 134 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	134
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

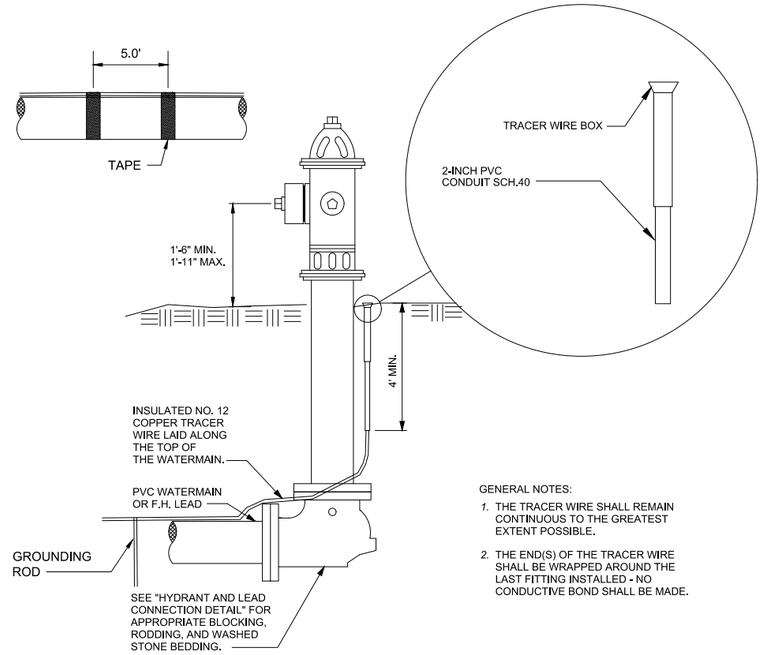


GENERAL NOTES:

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
2. CLASS II EMBEDMENT MATERIAL SHALL BE CLEAN, COARSE-GRAINED SOILS WITH LITTLE TO NO FINES. NO PARTICLES LARGER THAN 1 1/2 -INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
3. WHERE HYDRAULIC GRADIENT EXISTS USE A WELL-GRADED MIXTURE TO MINIMIZE MIGRATION OF FINES FROM ADJACENT SOIL.
4. CLASS II MATERIAL IS SUITABLE AS A FOUNDATION AND FOR REPLACING OVER- EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
5. INSTALL AND COMPACT BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS.)
6. INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
7. INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 6 INCH ABOVE PIPE CROWN.
8. EMBEDMENT COMPACTION:
   MINIMUM DENSITY 95% STANDARD PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.
9. FINAL BACKFILL MATERIAL SHALL BE DENSELY COMPACTED NON-COHESIVE FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES AND MAY CONSIST OF SUITABLE NATIVE MATERIAL. FINAL BACKFILL MINIMUM DENSITY SHALL BE 95% STANDARD PROCTOR.

CLASS II - FLEXIBLE PIPE EMBEDMENT DETAIL (CITY STANDARD)

SCALE: NONE

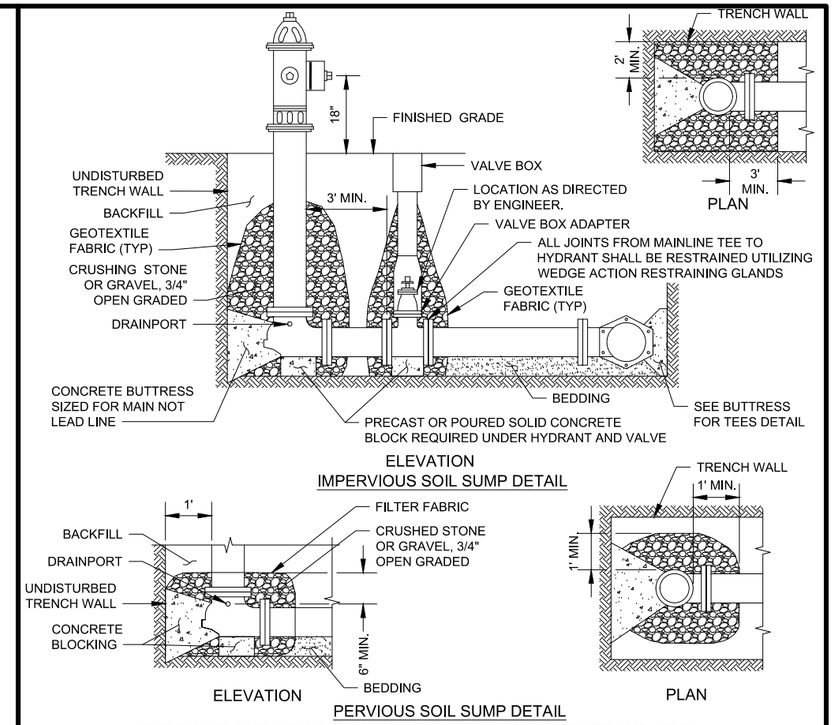


GENERAL NOTES:

1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
2. THE END(S) OF THE TRACER WIRE SHALL BE WRAPPED AROUND THE LAST FITTING INSTALLED - NO CONDUCTIVE BOND SHALL BE MADE.

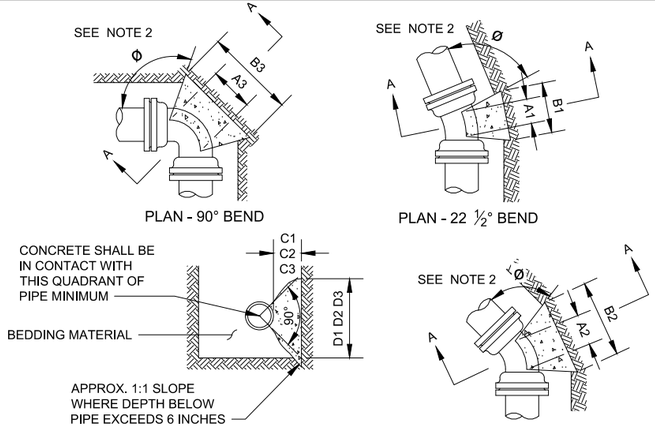
TRACER WIRE INSTALLATION FOR PVC WATERMAIN DETAIL (CITY STANDARD)

SCALE: NONE



HYDRANT AND LEAD CONNECTION DETAIL (CITY STANDARD)

SCALE: NONE



NOTES:

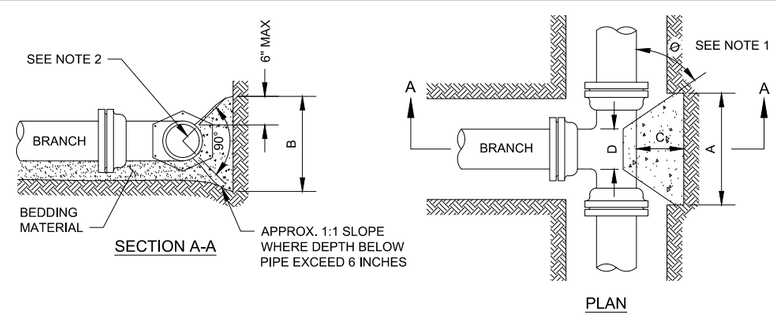
1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEED 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
2. DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
3. DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE MECHANICAL JOINT.
4. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
5. ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS

PIPE SIZE	22 ½° BENDS		45° BENDS		90° BENDS	
	B1	D1	B2	D2	B3	D3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"

THRUST BLOCKS FOR BENDS (CITY STANDARD)

SCALE: NONE



NOTES:

1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø GREATER THAN OR EQUAL TO 45°.
2. CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
3. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

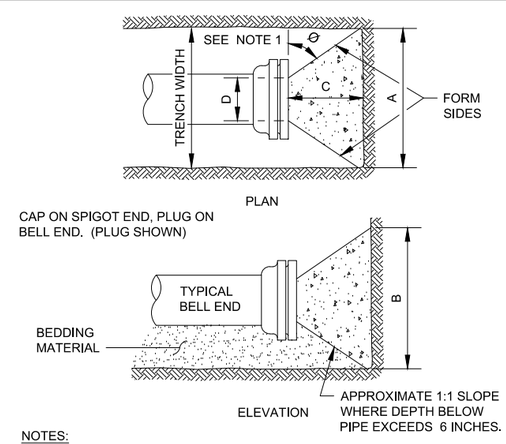
BUTTRESS DIMENSIONS

DIA.	A	B	C	D
6"	1'-3"	1'-0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'-6"	1'-4"		
10"	1'-10"	1'-8"		
12"	2'-3"	2'-0"		
16"	3'-2"	2'-6"		
20"	4'-0"	3'-0"		
24"	5'-3"	3'-4"		

DIA. = BRANCH DIAMETER

THRUST BLOCKS FOR TEES (CITY STANDARD)

SCALE: NONE



BUTTRESS DIMENSIONS

DIA.	A	B	C	D
6"	1'-6"	1'-2"	SEE NOTE NO. 1	SEE NOTE NO. 2
8"	2'-0"	1'-4"		
12"	2'-5"	1'-10"		
16"	3'-4"	2'-4"		
20"	4'-3"	2'-10"		
24"	5'-2"	3'-4"		
30"	6'-9"	4'-0"		

NOTES:

1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
2. DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
3. WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS AND RODDING SHALL BE PERMITTED.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. NO WOOD BUTTRESS ALLOWED.

THRUST BLOCKS FOR PLUGS (CITY STANDARD)

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

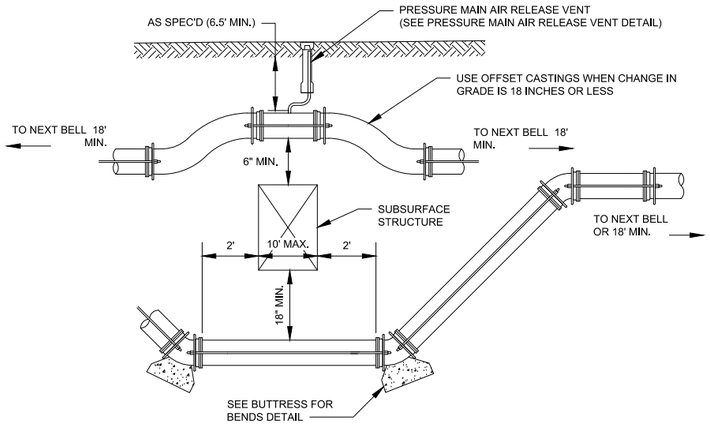
WATER DETAILS

SCALE: NONE | SHEET NO. 135 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	135

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT

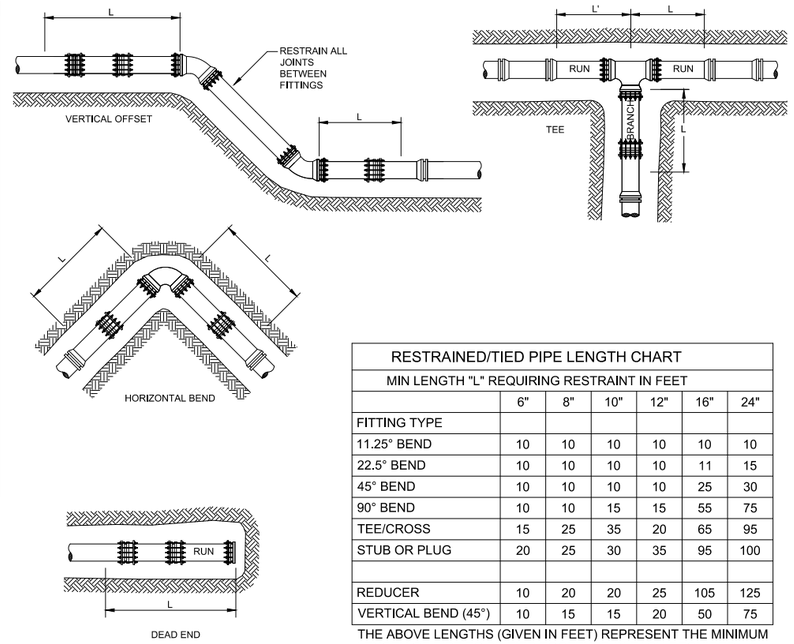


GENERAL NOTES:

1. FITTINGS TO BE WRAPPED WITH POLYETHYLENE BEFORE PLACEMENT OF RODDING AND BUTTRESSES.
2. ALL FITTINGS SHALL BE RODDED OR CONNECTED TO THE PIPE WITH AN APPROVED WEDGE ACTION THRUST RESTRAINING GLAND. RODS SHALL BE STAINLESS STEEL OR BITUMINOUS COATED, AND A MINIMUM OF 1 INCH IN DIAMETER.
3. LOCATIONS OF EXISTING MAINS ARE APPROXIMATE. LENGTH REQUIRED TO BE LOWERED WILL BE DETERMINED IN THE FIELD.
4. MAINS SHALL BE INSULATED IF COVER IS LESS THAN 6.5 FEET.

PRESSURE MAIN OFFSET DETAIL

SCALE: NONE

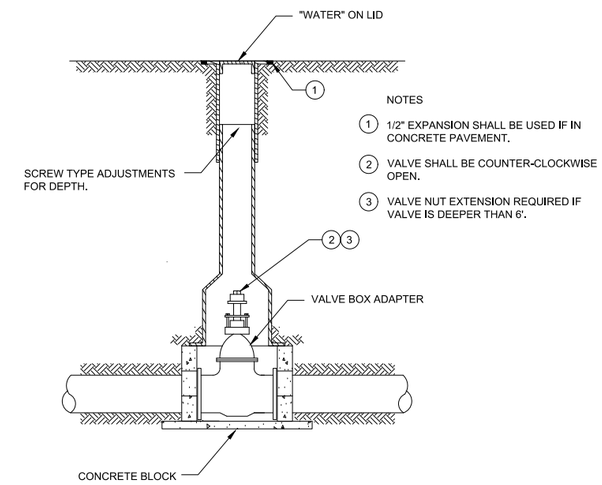


RESTRAINED/TIED PIPE LENGTH CHART						
MIN LENGTH "L" REQUIRING RESTRAINT IN FEET						
	6"	8"	10"	12"	16"	24"
FITTING TYPE						
11.25° BEND	10	10	10	10	10	10
22.5° BEND	10	10	10	10	11	15
45° BEND	10	10	10	10	25	30
90° BEND	10	10	15	15	55	75
TEE/CROSS	15	25	35	20	65	95
STUB OR PLUG	20	25	30	35	95	100
REDUCER	10	20	20	25	105	125
VERTICAL BEND (45°)	10	15	15	20	50	75

THE ABOVE LENGTHS (GIVEN IN FEET) REPRESENT THE MINIMUM LENGTH OF PIPE TO BE TIED TOGETHER IN EACH REQUIRED DIRECTION FROM THE FITTING DESCRIBED

JOINT RESTRAINT (CITY STANDARD)

SCALE: NONE

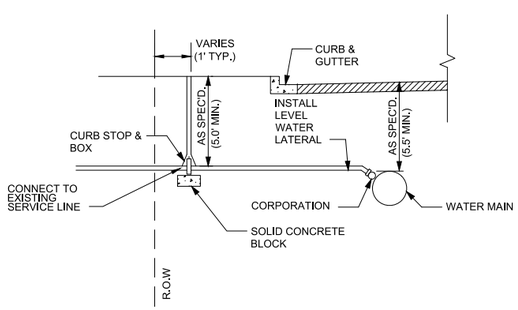


NOTES

1. 1/2" EXPANSION SHALL BE USED IF IN CONCRETE PAVEMENT.
2. VALVE SHALL BE COUNTER-CLOCKWISE OPEN.
3. VALVE NUT EXTENSION REQUIRED IF VALVE IS DEEPER THAN 6'.

TYPICAL VALVE BOX INSTALLATION (CITY STANDARD)

SCALE: NONE

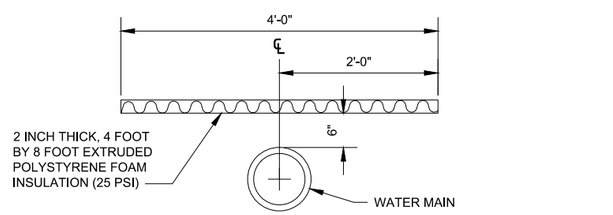


GENERAL NOTES:

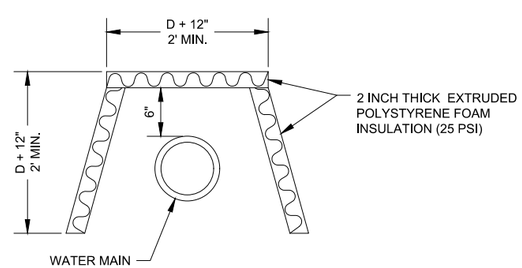
1. SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION AND SERVICE LINE.
2. COMMUNITY STANDARDS SHALL SUPERSEDE THE DIMENSIONS FROM THE PROPERTY LINE.
3. SADDLES SHALL BE USED ON ALL PVC WATER MAIN.
4. TAP SHALL BE MADE IN UPPER 1/3 OF WATER MAIN AND AT A 45 DEGREE ANGLE.
5. CONTRACTOR SHALL NOTIFY CITY/ENGINEER IF LEAD SERVICES ARE ENCOUNTERED.

WATER SERVICE DETAIL (CITY STANDARD)

SCALE: NONE



STANDARD INSTALLATION



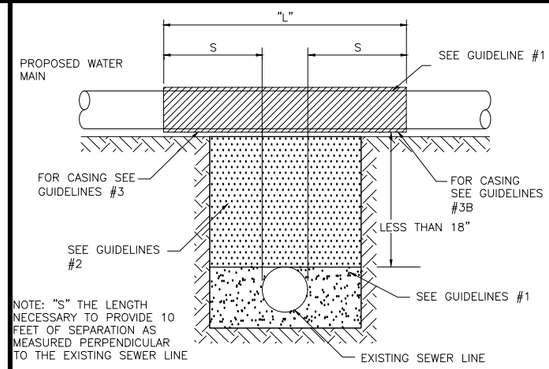
SIDE PROTECTION INSTALLATION

GENERAL NOTES:

1. THE SIDE PROTECTION INSTALLATION SHALL BE USED WHERE FROST WILL PENETRATE BELOW THE PIPE INVERT.

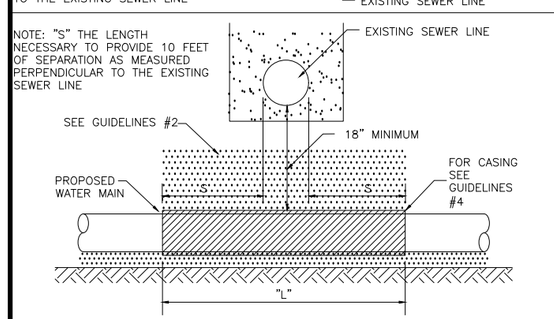
WATERMAIN INSULATION INSTALLATION (CITY STANDARD)

SCALE: NONE



GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING. CASING NOT REQ'D IF SEWER IS REPLACED WITH WATER MAIN QUALITY PIPE.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER.



GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING. CASING NOT REQ'D IF SEWER IS REPLACED WITH WATER MAIN QUALITY PIPE.

WATER MAIN CROSSING SEWER DETAIL

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

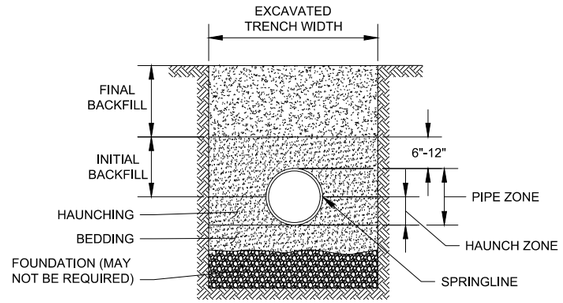
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER DETAILS

SCALE: NONE | SHEET NO. 136 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	136
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

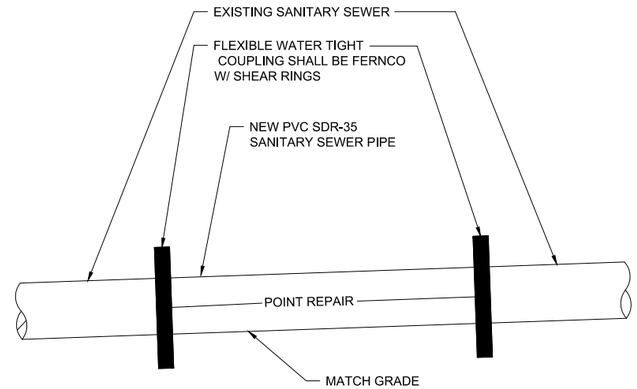


GENERAL NOTES:

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
2. CLASS 1A EMBEDMENT MATERIAL SHALL BE CLEAN, OPEN GRADED CRUSHED STONE, ROCK OR GRAVEL.
3. CLASS 1B EMBEDMENT MATERIAL SHALL BE CLEAN, DENSE GRADED CRUSHED STONE AND SAND/STONE MIXTURES.
4. NO PARTICLES LARGER THAN 1 1/2 -INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
5. DO NOT USE CLASS 1A MATERIAL WHERE CONDITIONS MAY CAUSE MIGRATION OF FINES FROM ADJACENT SOIL AND LOSS OF PIPE SUPPORT.
6. CLASS 1 MATERIAL IS SUITABLE AS FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM. INSTALL AND COMPACT IN 6-INCH MAXIMUM LAYERS.
7. INSTALL BEDDING IN 6-INCH MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS).
8. INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
9. INSTALL AND COMPACT INITIAL BACKFILL TO A MINIMUM OF 6 INCH ABOVE PIPE CROWN.
10. EMBEDMENT COMPACTION:
    CLASS 1A: PLACE AND WORK BY HAND TO INSURE ALL EXCAVATED VOIDS AND HAUNCH AREAS ARE FILLED. FOR HIGH DENSITIES USE VIBRATORY COMPACTORS. CLASS 1B: MINIMUM DENSITY 95% STANDARD PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.
11. FINAL BACKFILL MATERIAL SHALL BE DENSELY COMPACTED NON-COHESIVE FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES AND MAY CONSIST OF SUITABLE NATIVE MATERIAL. FINAL BACKFILL MINIMUM DENSITY SHALL BE 95% STANDARD PROCTOR.

CLASS I - FLEXIBLE PIPE EMBEDMENT DETAIL (CITY STANDARD)

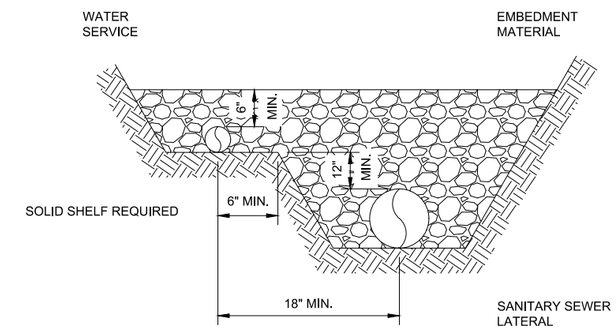
SCALE: NONE



1. SEE CLASS I-FLEXIBLE PIPE EMBEDMENT DETAIL FOR BACKFILL REQUIREMENT.

SANITARY SEWER POINT REPAIR / CONNECTION DETAIL (CITY STANDARD)

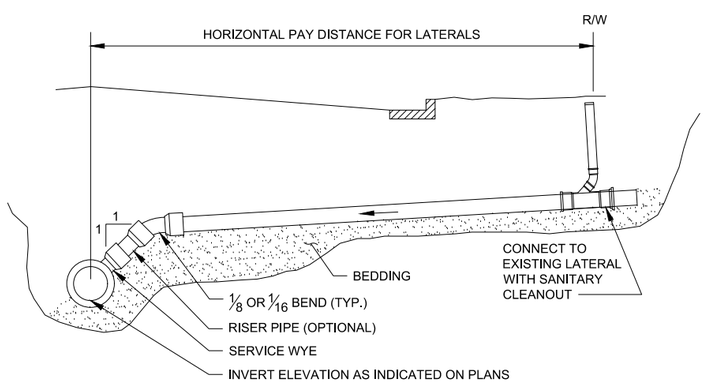
SCALE: NONE



NOTES:
1. WATER SERVICES 3 INCHES IN DIAMETER AND LARGER SHALL BE LAID WITH CLEAR HORIZONTAL SEPARATION NOT LESS THAN 2 FEET FROM THE SANITARY LATERAL.

WATER SERVICE & SANITARY LATERAL (CITY STANDARD)

SCALE: NONE



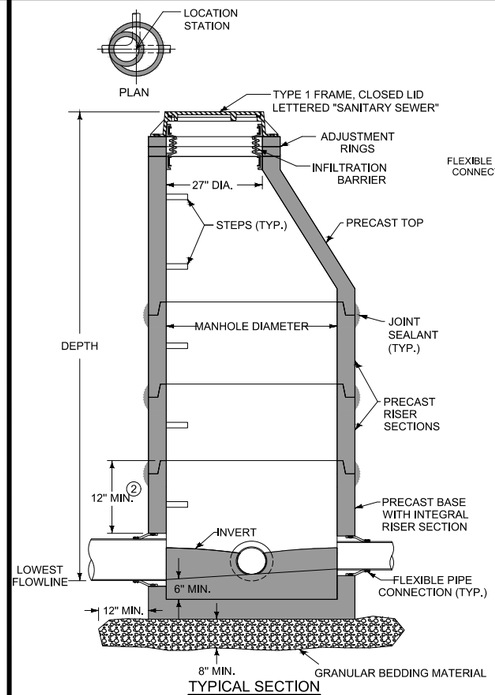
ELEVATION VIEW

NOTES FOR LATERAL INSTALLATION:

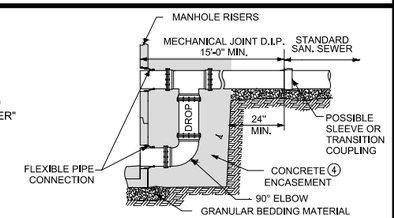
1. MININUM DEPTH OF COVER UNDER ROADWAY = 7 FEET.
2. MININUM DEPTH OF COVER UNDER GRASS AREAS = 5 1/2 FEET.
3. MININUM DEPTH OF COVER UNDER GRASS AREAS WITH FROST PROTECTION = 3 1/2 FEET.
4. LATERAL SLOPES SHALL BE 1/8 INCH PER FOOT MINIMUM AND 1/2 INCH PER FOOT MAXIMUM.

SANITARY LATERAL DETAIL (CITY STANDARD)

SCALE: NONE



TYPICAL SECTION



DROP CONNECTION

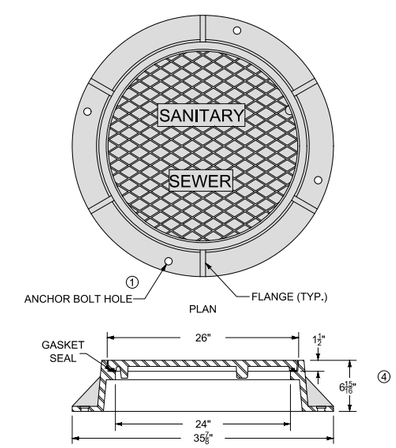
NOTES

1. FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES OF CONCRETE BETWEEN VERTICAL EDGES OF PIPE OPENINGS.
2. 12" MINIMUM RISER HEIGHT ABOVE ALL PIPE OPENINGS.
3. DROP CONNECTIONS SHALL BE USED WHEN THE PIPE INVERT IS MORE THAN 2 FEET ABOVE THE MANHOLE INVERT. CONSTRUCT DROP AND OVERFLOW FROM DUCTILE IRON PIPE OF SAME DIAMETER SPECIFIED FOR SANITARY SEWER PIPE. PROVIDE MECHANICAL JOINTS FOR ALL DUCTILE IRON PIPE AND FITTINGS.
4. ENCASE DROP IN CONCRETE, 6-INCHES MINIMUM ON ALL SIDES. MAY BE PRECAST OR CAST-IN-PLACE

Manhole Diameter (inches)	Maximum Pipe Diameter (1) (inches) for 2 Pipes	
	At 180° Separation	At 90° Separation
48	24	18
60	36	24
72	42	30
84	48	36
96	60	42

CIRCULAR SANITARY MANHOLE (CITY STANDARD)

SCALE: NONE



TYPICAL SECTION

1. WHEN THE CONTRACT DOCUMENTS REQUIRE THE FRAME TO BE ATTACHED TO THE STRUCTURE, DRILL FOUR 7/8" DIAMETER HOLES OR SLOTS, EQUALLY SPACED AROUND FRAME.
2. CLOSED LID SHALL HAVE THE TEXT "SANITARY SEWER".
3. CLOSED LID SHALL HAVE A MINIMUM OF ONE CONCEALED PICKHOLE.
4. FOR "LOW PROFILE" CASTINGS, HEIGHT SHALL BE 5" MAX.

TYPE 1 FRAME, CLOSED LID DETAIL FOR SANITARY (CITY STANDARD)

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

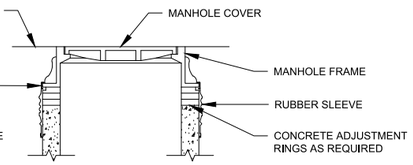
SANITARY DETAILS

SCALE: NONE | SHEET NO. 137 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	137

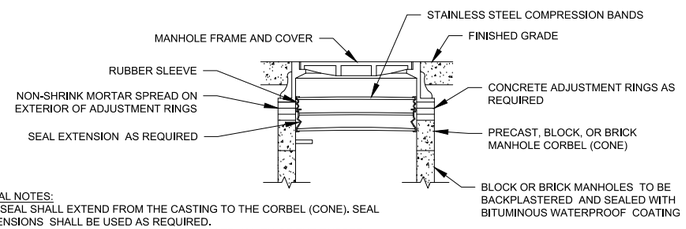
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



GENERAL NOTE:
THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.

EXTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL
FOR MANHOLES OUTSIDE OF ROADWAY



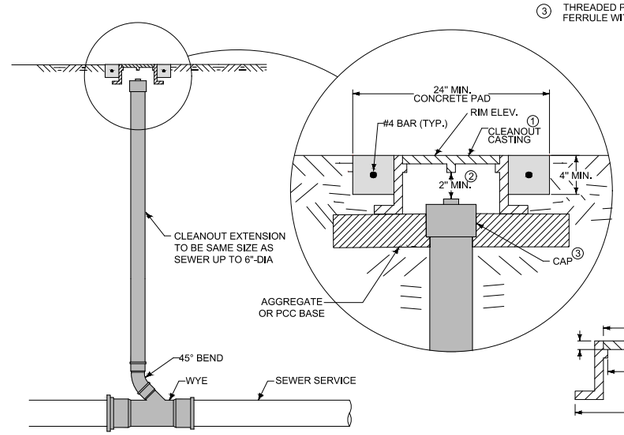
GENERAL NOTES:
1. THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.
2. AN INTERNAL ADAPTOR SEAL RING MAY BE USED IN LIEU OF THE RUBBER SLEEVE. THE INTERNAL ADAPTOR SEAL RING SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

INTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL

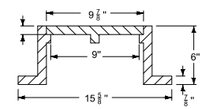
MANHOLE WATERPROOFING DETAIL (CITY STANDARD)

SCALE: NONE

1. STANDARD DUTY CASTING COMPLYING WITH AASHTO M 306. MARK LID WITH "SANITARY" OR "SANITARY C.O."
2. DO NOT ALLOW CASTING TO BEAR ON TOP OF RISER PIPE.
3. THREADED PVC CAP OR IRON BODY FERRULE WITH BRASS SCREW PLUG.



CLEANOUT



CLEANOUT CASTING 1
(DIMENSIONS ARE NOMINAL)

SANITARY SERVICE CLEANOUT (CITY STANDARD)

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

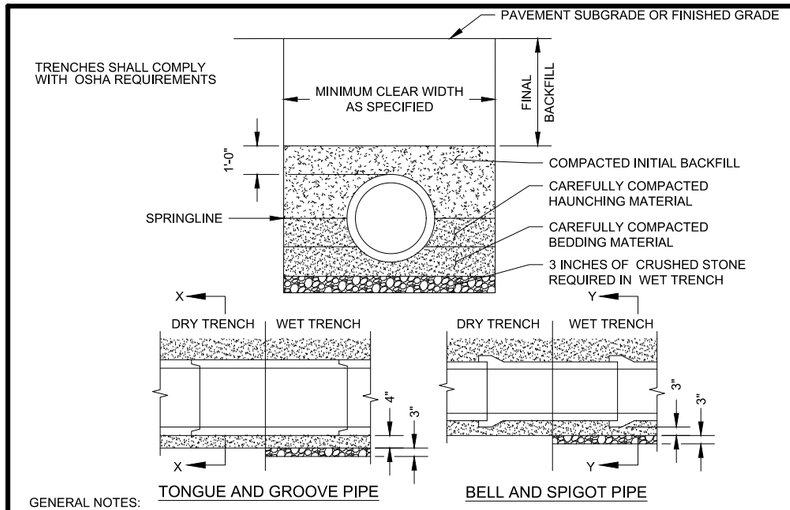
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY DETAILS

SCALE: NONE | SHEET NO. 138 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	138

CONTRACT NO. 85697
ILLINOIS FED. AID PROJECT

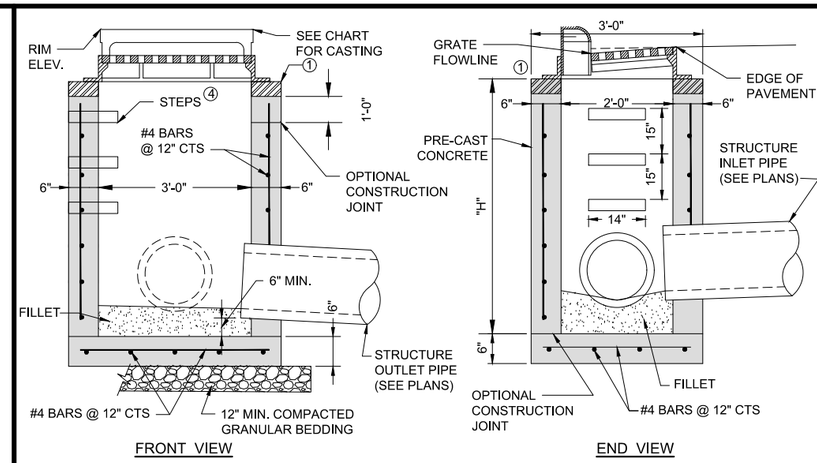


GENERAL NOTES:

1. BEDDING AND HAUNCHING MATERIAL SHALL BE WELL-GRADED 3/4 TO 1/4 INCH CRUSHED STONE OR OTHER NON-COHESIVE MATERIAL NOT SUBJECT TO MIGRATION AND FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
2. BEDDING MATERIAL TO BE PLACED BEFORE SETTING PIPE, 4 INCH MINIMUM UNDER BARREL WITH 3 INCH MINIMUM UNDER BELL.
3. INITIAL BACKFILL SHALL BE DENSELY COMPACTED, NON-COHESIVE FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
4. IN ROCK OR OTHER UNCOMPRESSIBLE MATERIALS, THE TRENCH SHALL BE OVEREXCAVATED A MINIMUM OF 6-INCHES AND REFILLED WITH GRANULAR MATERIAL.
5. FINAL BACKFILL MATERIAL SHALL BE DENSELY COMPACTED, NON-COHESIVE FINELY DIVIDED MATERIAL, FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES AND MAY CONSIST OF SUITABLE NATIVE MATERIAL. MINIMUM DENSITY SHALL BE 95% STANDARD PROCTOR.

CLASS "B" EMBEDMENT FOR RIGID PIPE DETAIL (CITY STANDARD)

SCALE: NONE



① THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. MAXIMUM WALL ADJUSTMENT OF 6".

② THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

③ ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

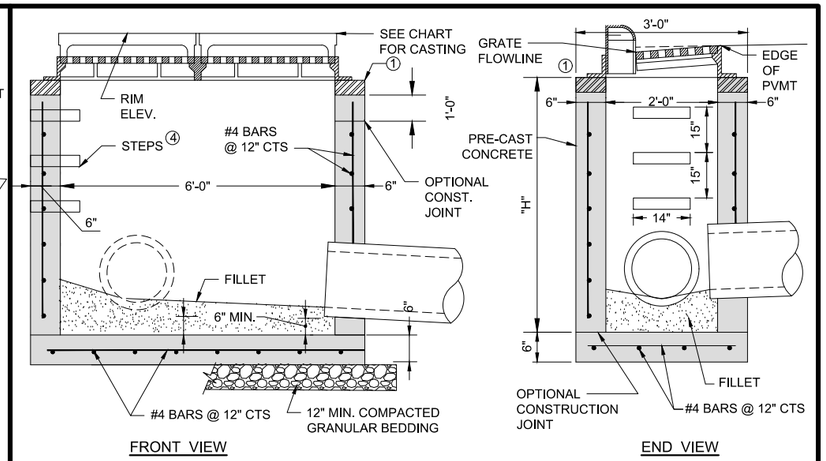
④ STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.

CASTING TABLE

INTAKE LOCATION	MANUFACTURER	MODEL #	GRATE	CURB BOX
SAG	NEENAH	R-3067	TYPE C	3" RADIUS
	EAST JORDAN	7030	TYPE M2	TYPE T6
ON GRADE	NEENAH	R-3067	TYPE L	3" RADIUS
	EAST JORDAN	7030	TYPE M6	TYPE T6
DRIVEWAY	NEENAH	R-3067	TYPE L	CURB PLATE
	EAST JORDAN	7030	TYPE M6	

SINGLE INLET SPECIAL (24" WIDTH) DETAIL

SCALE: NONE



① THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. MAXIMUM WALL ADJUSTMENT OF 6".

② THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

③ ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

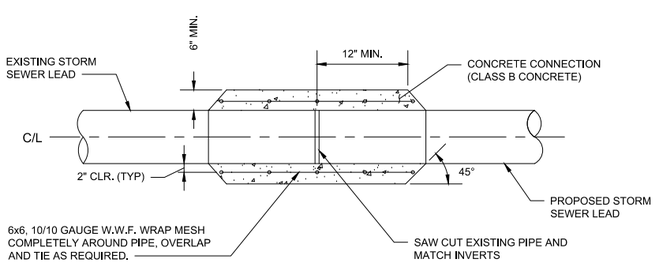
④ STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.

CASTING TABLE

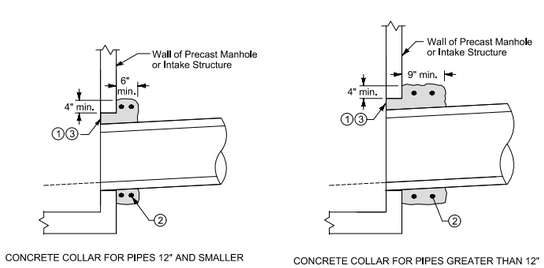
INTAKE LOCATION	MANUFACTURER	MODEL #	GRATE	CURB BOX
SAG	NEENAH	R-3295-2	TYPE L	3" RADIUS
	EAST JORDAN	7031	TYPE M2	TYPE T6
ON GRADE	NEENAH	R-3295-2	TYPE L	3" RADIUS
	EAST JORDAN	7031	TYPE M6	TYPE T6
DRIVEWAY	NEENAH	R-3295-2	TYPE L	CURB PLATE
	EAST JORDAN	7031	TYPE M6	

DOUBLE INLET SPECIAL (24" WIDTH) DETAIL

SCALE: NONE



PIPE TO PIPE CONNECTION



① Concrete collar is required when annular space between the outside of the pipe and the wall of the structure is 2 inches or greater.

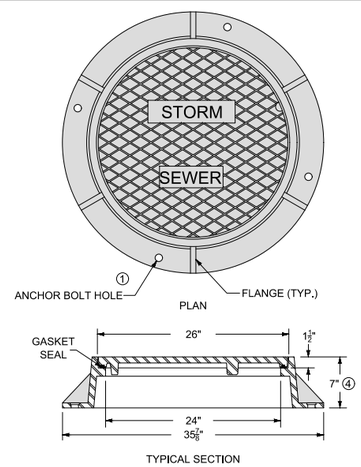
② Provide two #4 hoop bars in concrete collar. Lap bars a minimum of 6 inches.

③ Trowel concrete flush with inside wall of structure.

PIPE TO STRUCTURE CONNECTION

STORM SEWER CONNECTION DETAIL (CITY STANDARD)

SCALE: NONE



① WHEN THE CONTRACT DOCUMENTS REQUIRE THE FRAME TO BE ATTACHED TO THE STRUCTURE, DRILL FOUR 7/8" DIAMETER HOLES OR SLOTS, EQUALLY SPACED AROUND FRAME.

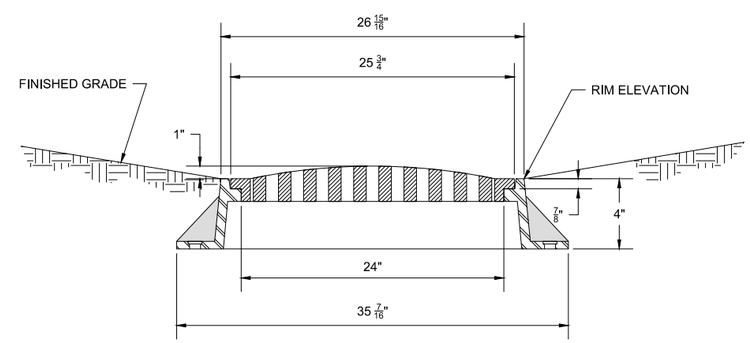
② CLOSED LID SHALL HAVE THE TEXT "STORM SEWER".

③ CLOSED LID SHALL HAVE A MINIMUM OF ONE CONCEALED PICKHOLE.

④ USE 4" FRAME HEIGHT WHEN SHALLOW DEPTH FRAME IS SPECIFIED

TYPE 1 FRAME, CLOSED LID DETAIL FOR STORM (CITY STANDARD)

SCALE: NONE



NOTE:
NEENAH R-2577 EQUIVALENT FRAME AND GRATE

SPECIAL FRAME AND GRATE DETAIL FOR STORM (CITY STANDARD)

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com
Responsive ■ Resourceful ■ Reliable

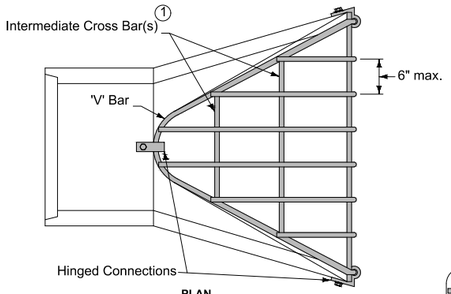
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM DETAILS

SCALE: NONE | SHEET NO. 139 OF 190 SHEETS | STA. N/A | TO STA. N/A

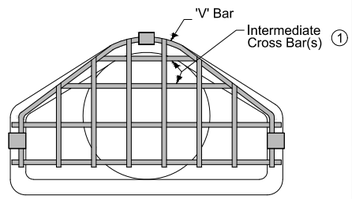
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	139
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



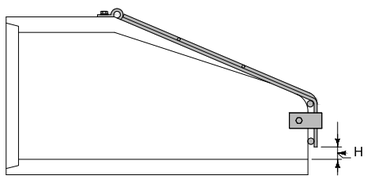
PLAN

Provide guard dimensions to fit with type of apron provided. Ensure 'V' Bar completely rests on apron.

① All guards must include at least one intermediate cross bar. If pipe diameter, or equivalent diameter, is 60 inches or greater, use two intermediate cross bars equally spaced.



FRONT



PROFILE

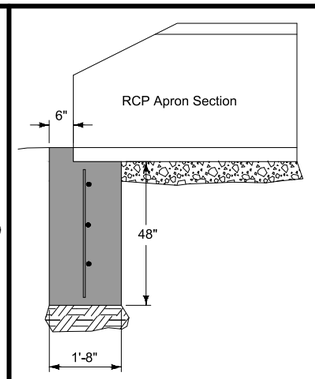
ROUND		ARCH		ELLIPTICAL	
PIPE SIZE	H	EQUIVALENT DIAMETER	H	EQUIVALENT DIAMETER	H
12"	2½"	18" to 24"	4"	18"	3"
15"	3"	30" to 36"	5"	24"	4"
18" - 24"	4"	42" to 54"	6"	30" to 36"	5"
27" - 36"	5"	60" to 72"	7"	42" to 54"	6"
42" - 54"	6"			60"	7"
60" - 72"	7"				
78" - 90"	8"				

BAR SIZES

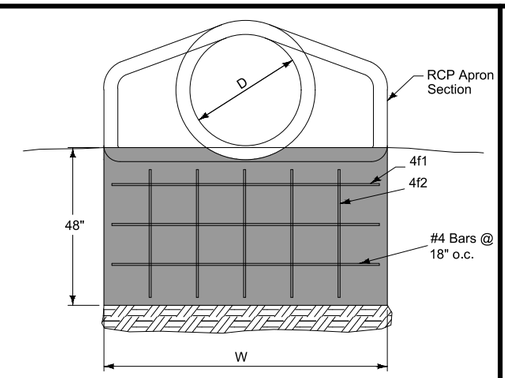
	PIPE SIZE (DIA. or EQUIV.)	HOLE DIA. REQ'D.	BOLT DIA.	BAR SIZE
ROUND	12" - 24"	3/4"	5/8"	3/4"
	27" - 48"	7/8"	3/4"	1"
	54" - 90"	1 1/8"	1"	1 1/4"
ARCH	up to 24" eq.	3/4"	5/8"	3/4"
	30" to 48"	7/8"	3/4"	1"
	54" to 72"	1 1/8"	1"	1 1/4"
ELLIPTICAL	up to 24" eq.	3/4"	5/8"	3/4"
	30" to 48"	7/8"	3/4"	1"
	54" to 60"	1 1/8"	1"	1 1/4"
BOLT LENGTH = PIPE WALL THICKNESS + 2½"				

FLARED END SECTION APRON GUARD (CITY STANDARD)

SCALE: NONE



TYPICAL SECTION



ELEVATION

REINFORCING BAR LIST

D	W	Mark	Size	Length	Count
12"	2'-4"	4f1	4	2'-0"	3
		4f2	4	3'-8"	2
15"	2'-10 ½"	4f1	4	2'-6 ½"	3
		4f2	4	3'-8"	2
18"	3'-5"	4f1	4	3'-1"	3
		4f2	4	3'-8"	3
24"	4'-6"	4f1	4	4'-2"	3
		4f2	4	3'-8"	3
30"	5'-7"	4f1	4	5'-3"	3
		4f2	4	3'-8"	4
36"	6'-8"	4f1	4	6'-4"	3
		4f2	4	3'-8"	5
42"	7'-3"	4f1	4	6'-11"	3
		4f2	4	3'-8"	5

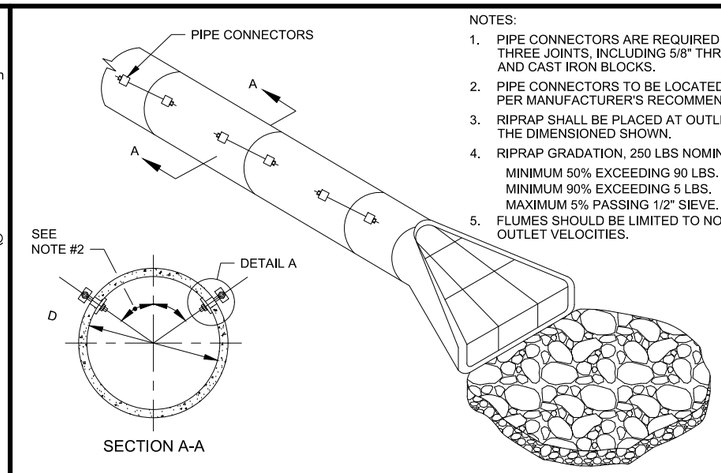
D	W	Mark	Size	Length	Count
48"	7'-10"	4f1	4	7'-6"	3
		4f2	4	3'-8"	6
54"	8'-5"	4f1	4	8'-1"	3
		4f2	4	3'-8"	6
60"	8'-11"	4f1	4	8'-7"	3
		4f2	4	3'-8"	6
66"	8'-11"	4f1	4	8'-7"	3
		4f2	4	3'-8"	6
72"	10'-0"	4f1	4	9'-8"	3
		4f2	4	3'-8"	7
78"	10'-7"	4f1	4	10'-3"	3
		4f2	4	3'-8"	7
84"	11'-1"	4f1	4	10'-9"	3
		4f2	4	3'-8"	8

RCP FLARED END SECTION FOOTING (CITY STANDARD)

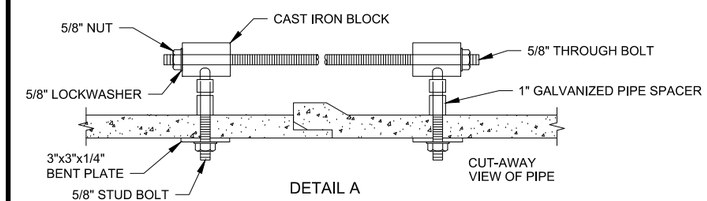
SCALE: NONE

NOTES:

1. PIPE CONNECTORS ARE REQUIRED ON LAST THREE JOINTS, INCLUDING 5/8" THROUGH BOLTS AND CAST IRON BLOCKS.
2. PIPE CONNECTORS TO BE LOCATED AND SIZED PER MANUFACTURER'S RECOMMENDATIONS.
3. RIPRAP SHALL BE PLACED AT OUTLET OF PIPE TO THE DIMENSIONED SHOWN.
4. RIPRAP GRADATION, 250 LBS NOMINAL MAXIMUM:
   MINIMUM 50% EXCEEDING 90 LBS.
   MINIMUM 90% EXCEEDING 5 LBS.
   MAXIMUM 5% PASSING 1/2" SIEVE.
5. FLUMES SHOULD BE LIMITED TO NON-EROSIVE OUTLET VELOCITIES.



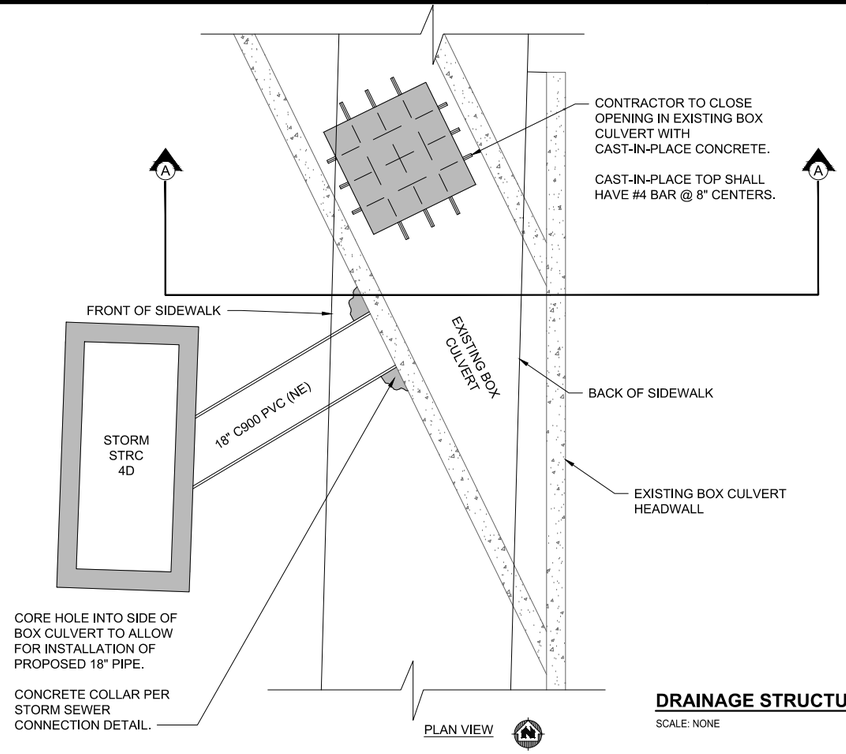
SECTION A-A



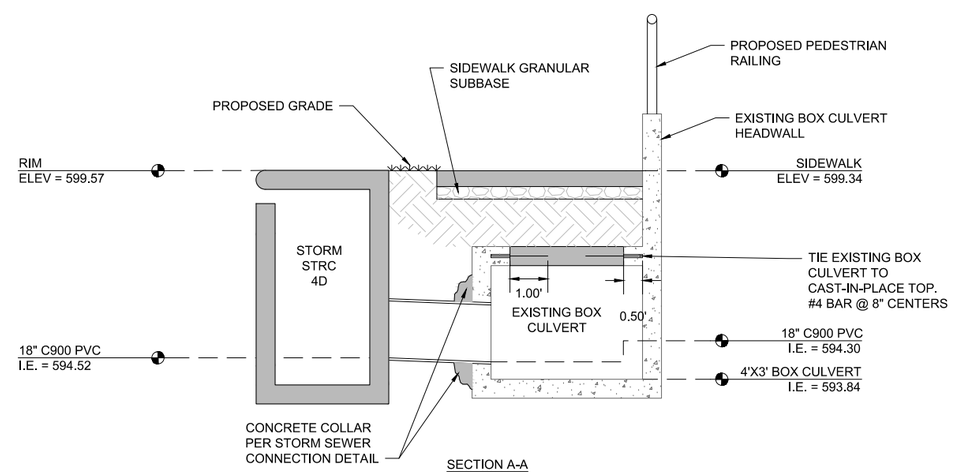
DETAIL A

FLARED END TIED JOINTS DETAIL (CITY STANDARD)

SCALE: NONE



PLAN VIEW



SECTION A-A

DRAINAGE STRUCTURE REPAIR FOR STRUCTURE 5D ALONG IL 84 (CITY STANDARD) [PAY ITEM Z0018300]

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

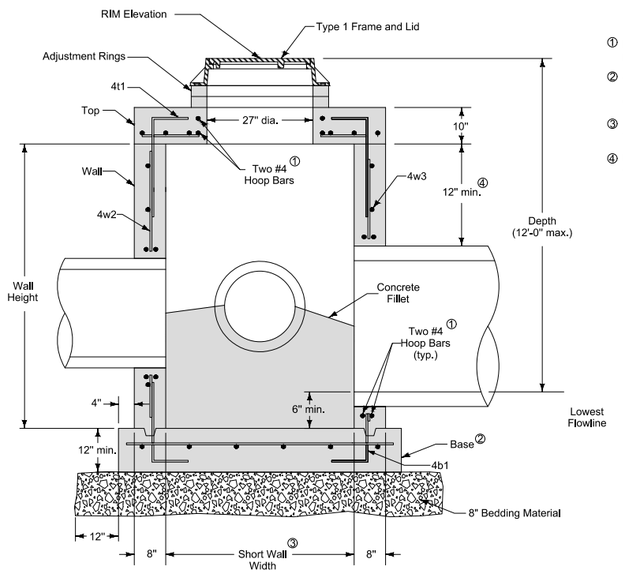
STORM DETAILS

SCALE: NONE | SHEET NO. 140 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	140

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



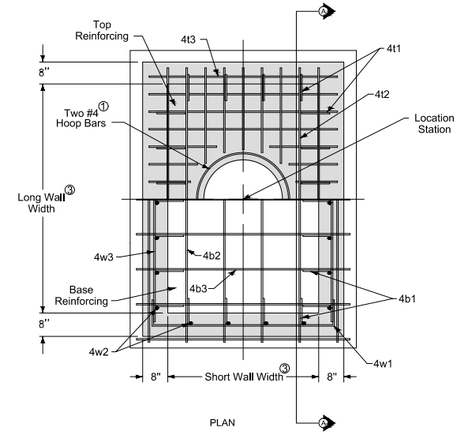
TYPICAL SECTION

① Provide two #4 hoop bars at top opening and at all pipe openings.

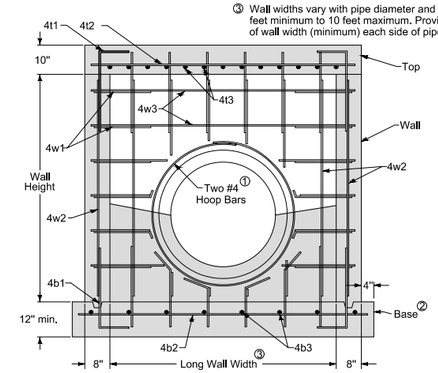
② Cast-in-place base shown. If base is precast integral with walls, the footprint of the base is not required to extend beyond the outer edge of walls.

③ Wall widths vary with pipe diameter and range from 4 feet minimum to 10 feet maximum.

④ Provide 12 inches of wall width (minimum) each side of pipe opening.



PLAN



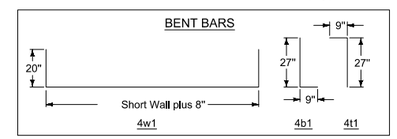
SECTION A-A

① Provide two #4 hoop bars at top opening and at all pipe openings.

② Cast-in-place base shown. If base is precast integral with walls, the footprint of the base is not required to extend beyond the outer edge of walls.

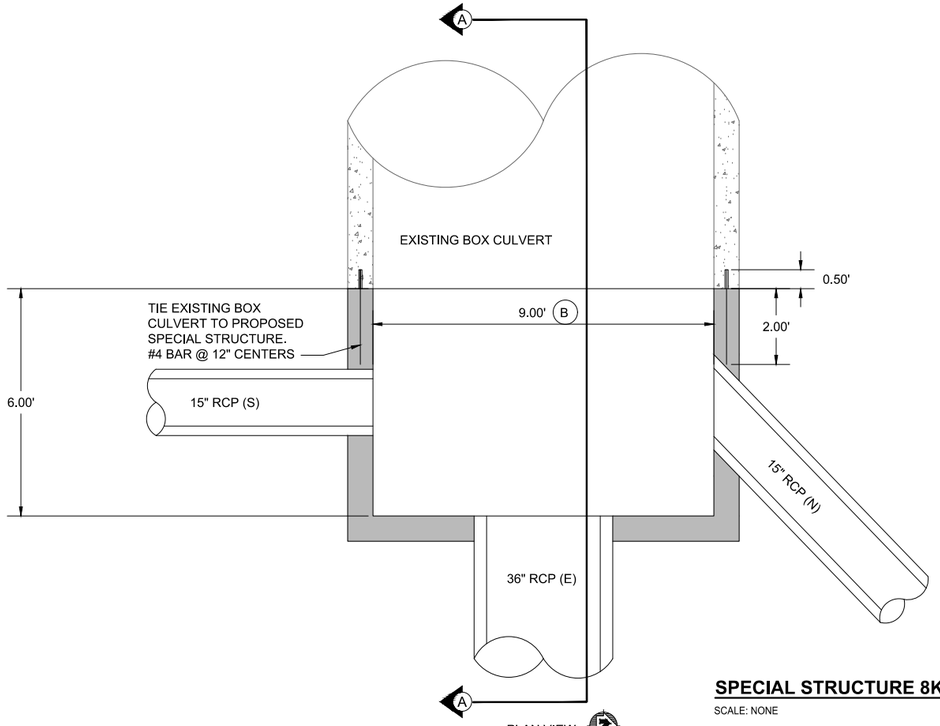
③ Wall widths vary with pipe diameter and range from 4 feet minimum to 10 feet maximum. Provide 12 inches of wall width (minimum) each side of pipe opening.

REINFORCING BAR LIST					
Mark	Size	Location	Shape	Length	Spacing
4t1	4	Top	┐	36"	12"
4t2	4	Top	—	Long Wall plus 12"	6"
4t3	4	Top	—	Short Wall plus 12"	6"
4b1	4	Base	└	36"	12"
4b2	4	Base	—	Long Wall plus 18"	12"
4b3	4	Base	—	Short Wall plus 18"	12"
4w1	4	Walls	┌┐	Short Wall plus 48"	12"
4w2	4	Walls	—	Wall Height minus 4"	12"
4w3	4	Walls	—	Long Wall plus 12"	12"



SPECIAL STRUCTURE K4 DETAIL, (CITY STANDARD) [PAY ITEM X5030230 / STA 256+35.00 OFFSET -10.00']

SCALE: NONE

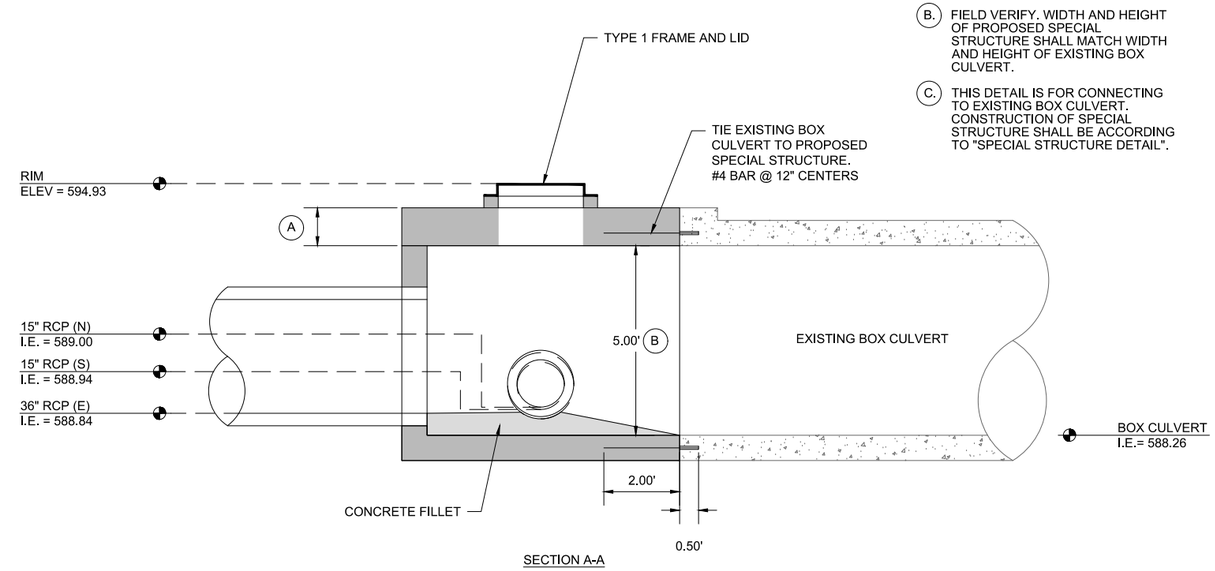


PLAN VIEW

Ⓐ. MATCH STRUCTURE TOP THICKNESS WITH HEIGHT OF EXISTING BOX CULVERT PARAPET.

Ⓑ. FIELD VERIFY. WIDTH AND HEIGHT OF PROPOSED SPECIAL STRUCTURE SHALL MATCH WIDTH AND HEIGHT OF EXISTING BOX CULVERT.

Ⓒ. THIS DETAIL IS FOR CONNECTING TO EXISTING BOX CULVERT. CONSTRUCTION OF SPECIAL STRUCTURE SHALL BE ACCORDING TO "SPECIAL STRUCTURE DETAIL".

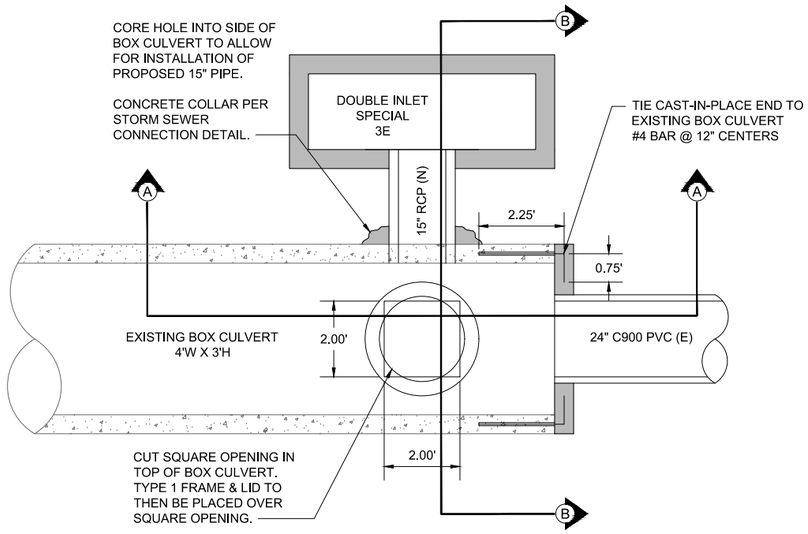


SECTION A-A

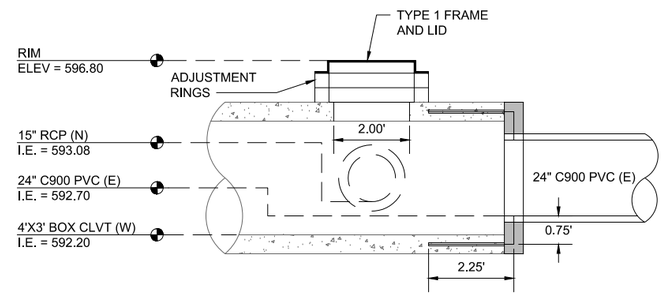
SPECIAL STRUCTURE 8K CONNECTION TO BOX CULVERT DETAIL (CITY STANDARD) [PAY ITEM XX007493]

SCALE: NONE

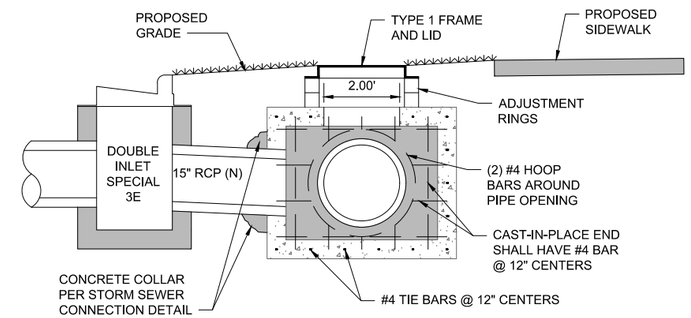
1. DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL) FOR STRUCTURE D2 SHALL INCLUDE THE FOLLOWING:
   a. CAST-IN-PLACE BOX CULVERT END AND ALL ASSOCIATED REBAR
   b. OPENING IN CAST-IN-PLACE BOX CULVERT END FOR PROPOSED 24" STORM SEWER PIPE
   c. OPENING IN TOP OF BOX CULVERT, TYPE 1 FRAME AND LID, AND ANY ADJUSTMENT RINGS
   d. CORE HOLE FOR PROPOSED 15" STORM SEWER PIPE



PLAN VIEW



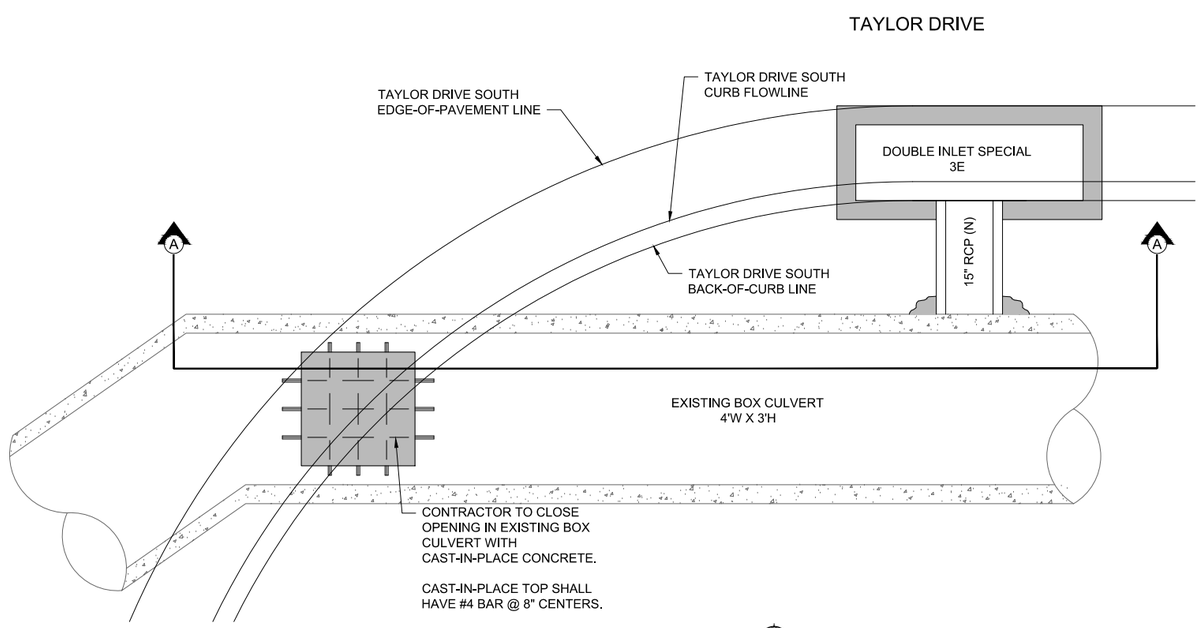
SECTION A-A



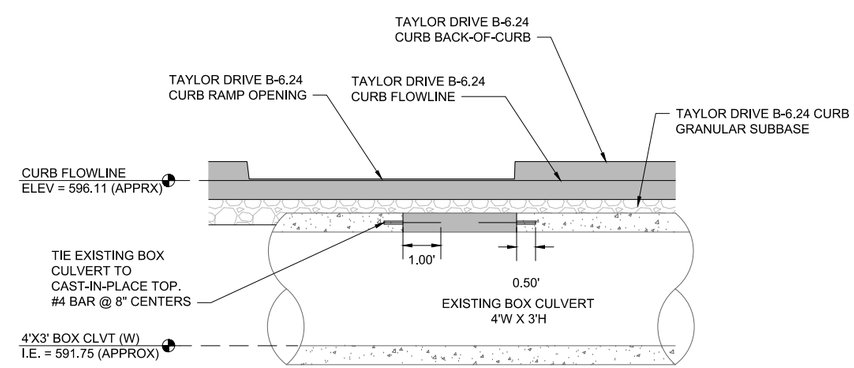
SECTION B-B

DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL) FOR STRUCTURE 4E AT TAYLOR DRIVE (CITY STANDARD) [PAY ITEM Z0018200]

SCALE: NONE



PLAN VIEW



SECTION A-A

DRAINAGE STRUCTURE REPAIR FOR STRUCTURE 5E AT TAYLOR DRIVE (CITY STANDARD) [PAY ITEM Z0018300]

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

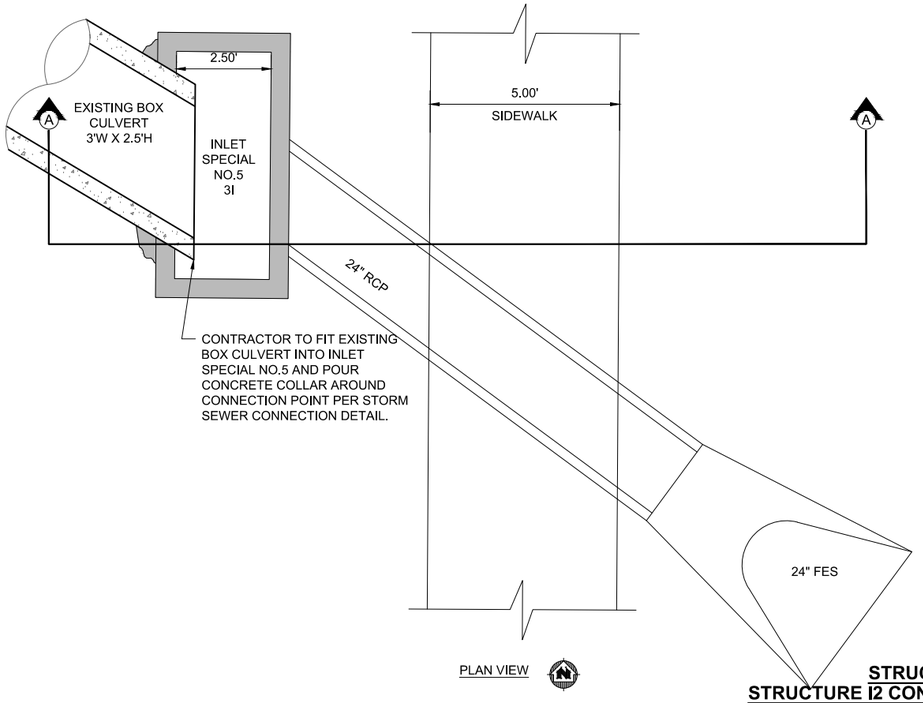
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

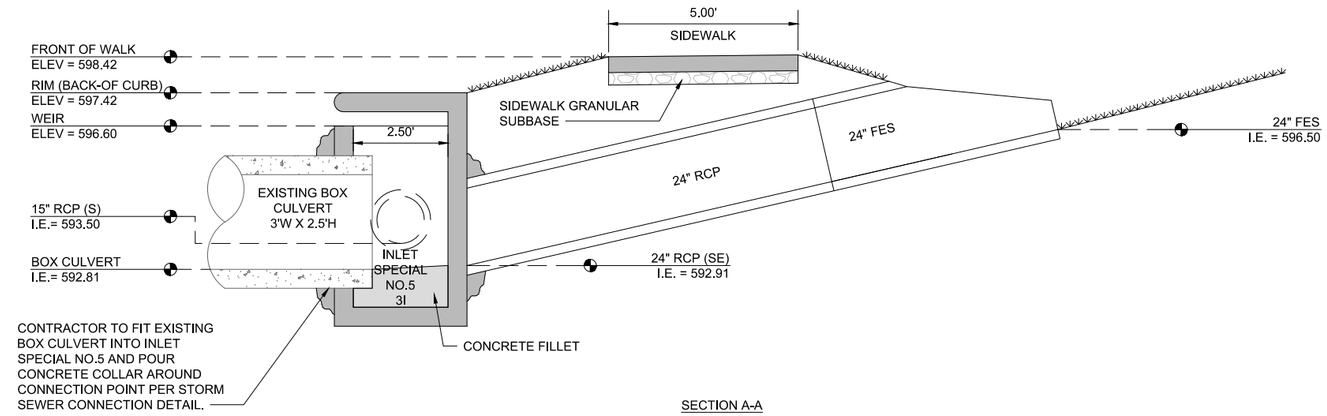
STORM DETAILS

SCALE: NONE | SHEET NO. 142 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	142
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



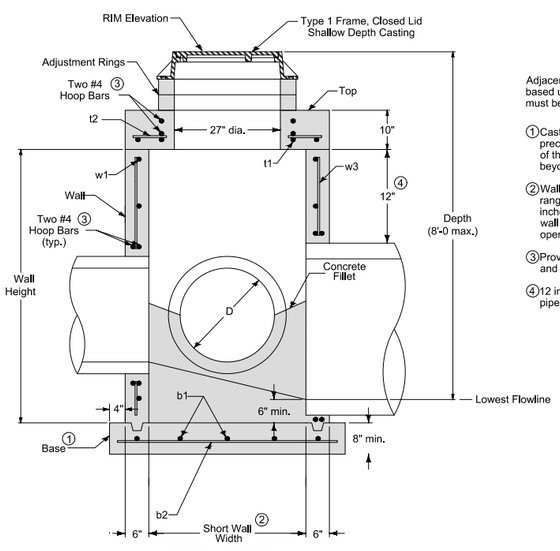
PLAN VIEW



SECTION A-A

STRUCTURE 2I AND 3I PLAN AND SECTION DETAIL (CITY STANDARD)
STRUCTURE I2 CONNECTION TO BOX CULVERT DETAIL (CITY STANDARD) [PAY ITEM XX007493]

SCALE: NONE



TYPICAL SECTION

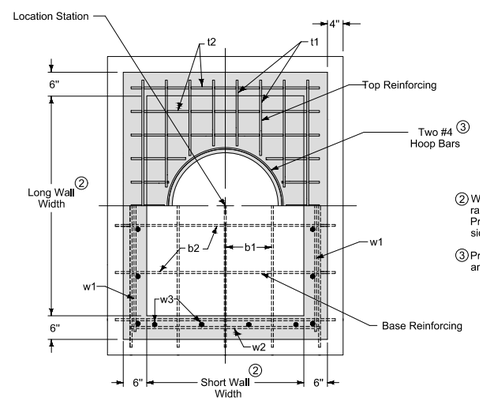
Adjacent walls may have different widths based upon pipe configuration, but structure must be rectangular.

① Cast-in-place base shown. If base is precast integral with walls, the footprint of the base is not required to extend beyond the outer edge of the walls.

② Wall widths vary with pipe diameter and range from 40 inches minimum to 77 inches maximum. Provide 6 inches of wall width (minimum) each side of pipe opening.

③ Provide two #4 hoop bars at top opening and at all pipe openings.

④ 12 inch minimum wall height above all pipes.



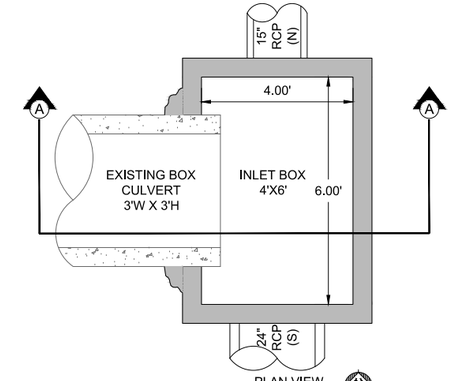
PLAN

② Wall widths vary with pipe diameter and range from 40" minimum to 77" maximum. Provide 6" of wall width (minimum) each side of pipe opening.

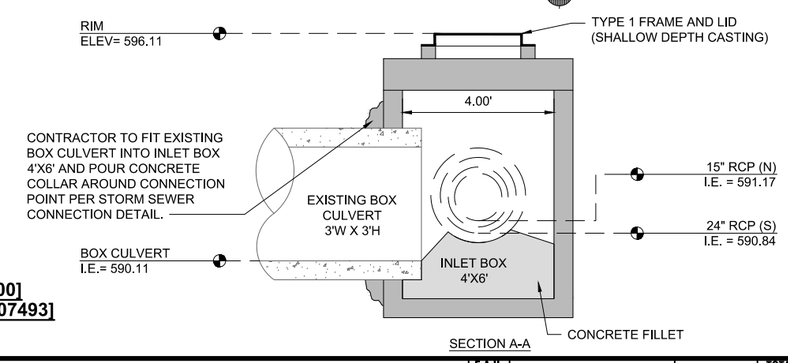
③ Provide two #4 hoop bars at top opening and at all pipe openings.

REINFORCING BAR LIST					
Mark	Size	Location	Shape	Length	Spacing
t1	See Table	Top	——	Long Wall plus 8"	6"
t2	See Table	Top	——	Short Wall plus 8"	6"
b1	See Table	Base	——	Long Wall plus 14"	12"
b2	See Table	Base	——	Short Wall plus 14"	12"
w1	See Table	Walls	——	Long Wall plus 8"	12"
w2	See Table	Walls	——	Short Wall plus 8"	12"
w3	See Table	Walls	——	Wall Height minus 4"	12"

Diameter of Largest Pipe, D	Minimum Bar Size
48" or 54"	6
33" to 42"	5
30" or smaller	4



PLAN VIEW



SECTION A-A

INLET BOX, SPECIAL STRUCTURE 7J DETAIL (CITY STANDARD) [PAY ITEM X1200100]
INLET BOX CONNECTION TO BOX CULVERT DETAIL (CITY STANDARD) [PAY ITEM XX007493]

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 DETAILS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

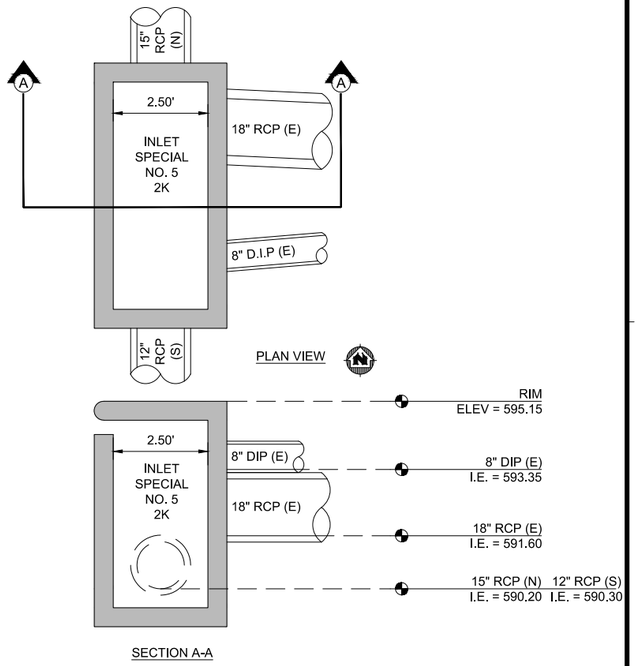
STORM DETAILS

SCALE: NONE | SHEET NO. 143 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	143

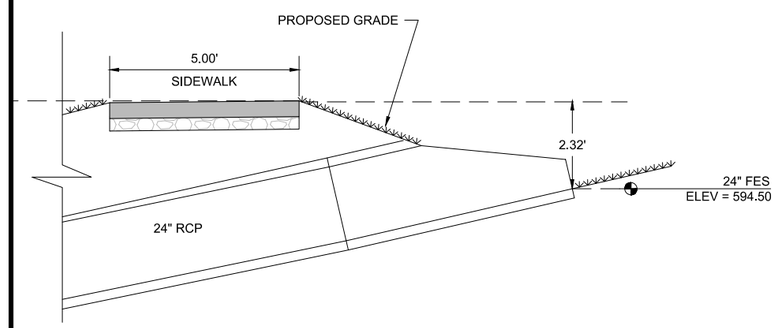
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



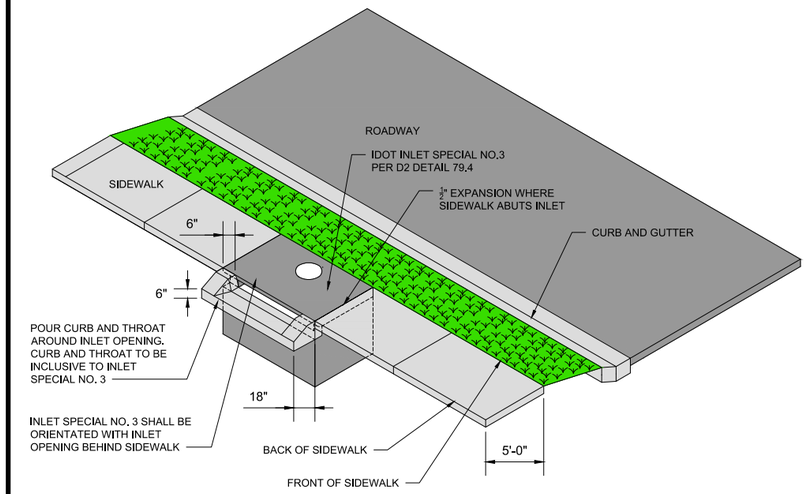
STRUCTURE 2K PLAN AND SECTION DETAIL (CITY STANDARD)

SCALE: NONE



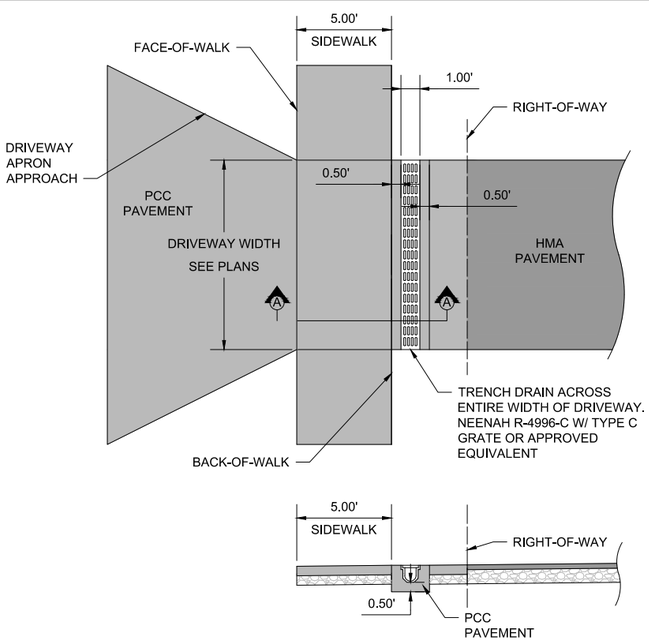
STRUCTURE 3J TYPICAL SECTION DETAIL (CITY STANDARD)

SCALE: NONE



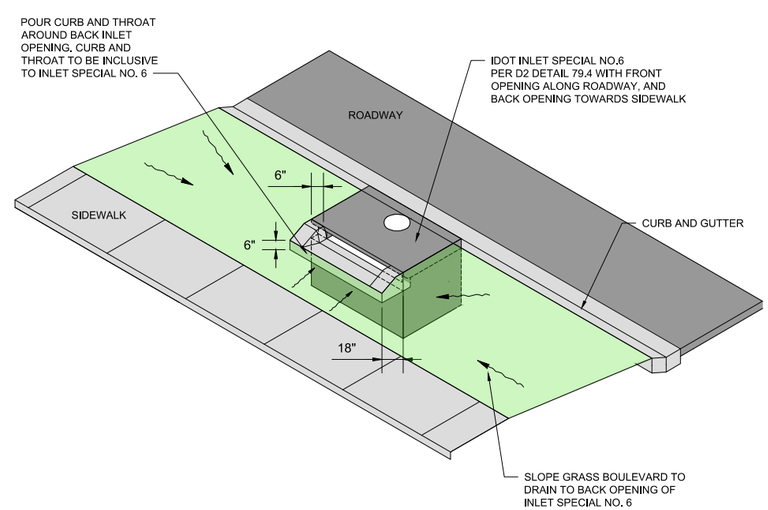
INLET SPECIAL #3 IN SIDEWALK DETAIL

SCALE: NONE



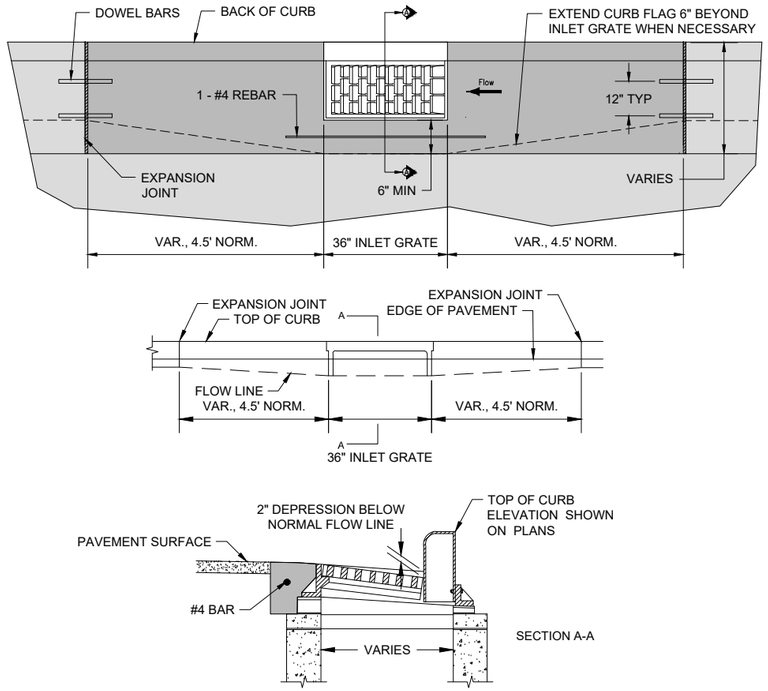
TRENCH DRAIN DETAIL (CITY STANDARD)

SCALE: NONE



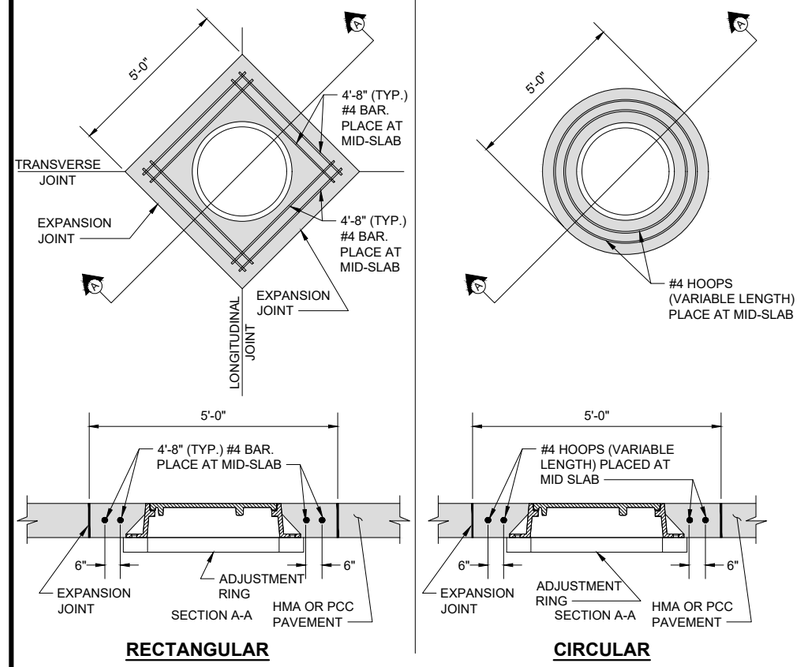
INLET SPECIAL #6 BACK OPENING DETAIL

SCALE: NONE



CURB AND GUTTER AT INLETS DETAIL (CITY STANDARD)

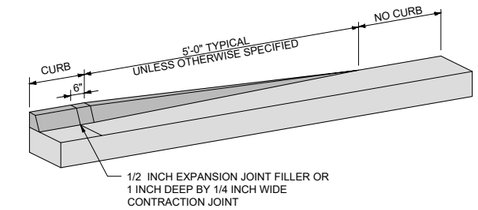
SCALE: NONE



RECTANGULAR **CIRCULAR**

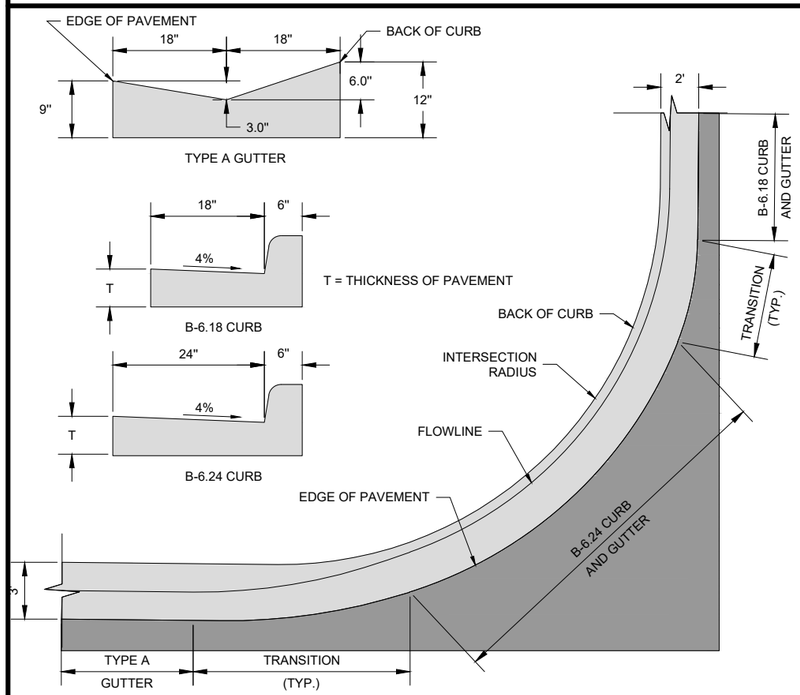
MANHOLE BOXOUTS IN PAVEMENT AREAS (CITY STANDARD)

SCALE: NONE



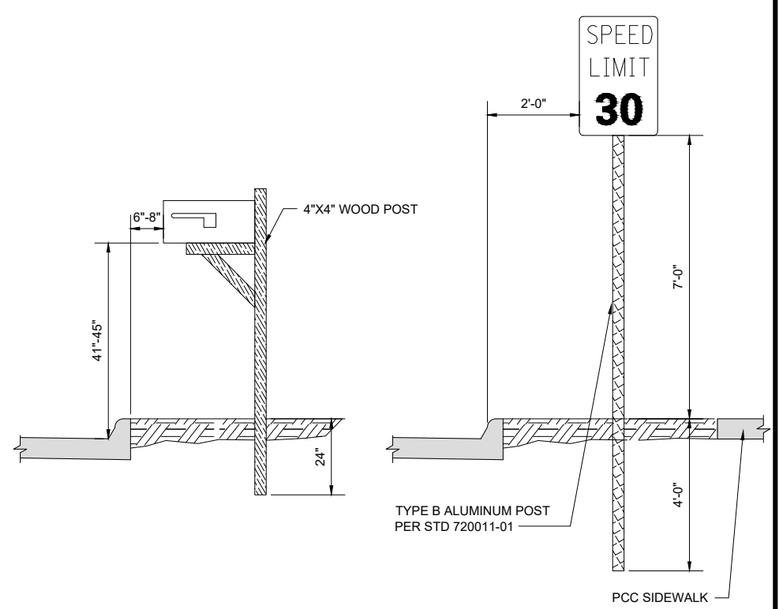
CURB END DETAIL (CITY STANDARD)

SCALE: NONE



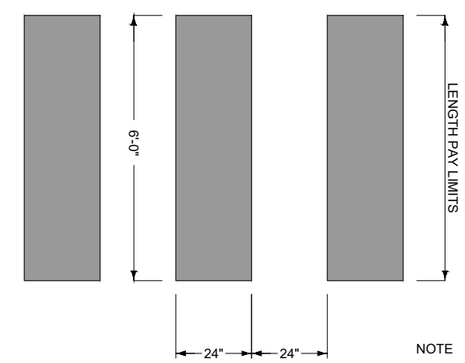
CURB TRANSITION (TYPE A TO B-6.18)

SCALE: NONE



MAILBOX AND SIGN INSTALLATION (CITY STANDARD)

SCALE: NONE



NOTE

CROSSWALK STRIPING SHALL BE PAID UNDER PAY ITEM 78001180 (PAINT PAVEMENT MARKING - 24").

CROSSWALK STRIPING DETAIL (CITY STANDARD)

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 13-Jan-21	DESIGNED - JLS	REVISED - (1)					
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)					
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)					
FILE NAME - 00442048 DETAILS.dwg		REVISED - (4)					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

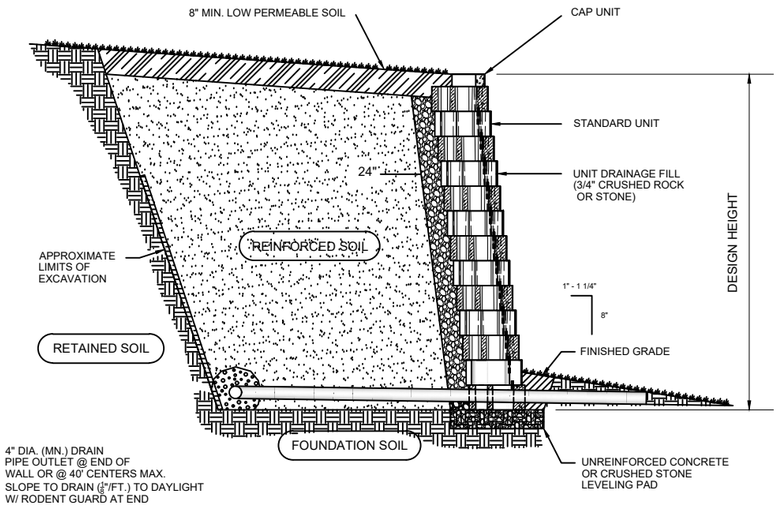
STREET DETAILS

SCALE: NONE | SHEET NO. 145 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	145

CONTRACT NO. 85697

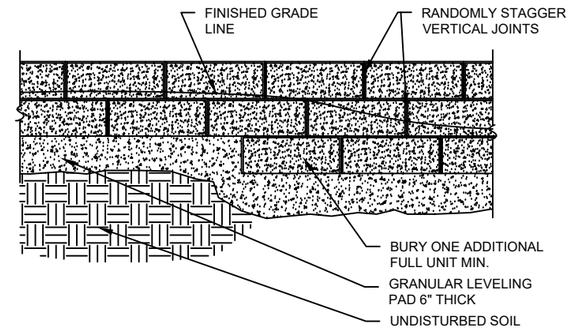
ILLINOIS FED. AID PROJECT



NOTES:
1. WHEN SITE CONDITIONS REQUIRE, WRAP DRAINAGE TILE IN 3/4" AGGREGATE AND FILTER FABRIC WITH DRAINAGE COMPOSITE OR AGGREGATE BACK DRAIN SYSTEM, AS DIRECTED BY GEOTECHNICAL ENGINEER.

TYPICAL SEGMENTAL BLOCK WALL SECTION 1" SETBACK

SCALE: NONE

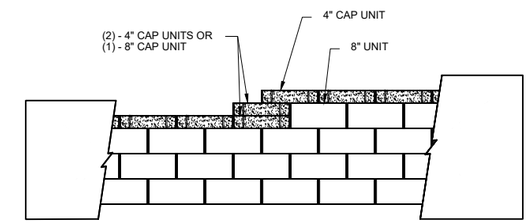


NOTES:
1. LIMIT CHANGES IN BASE ELEVATION TO 8" PER STEP TO AVOID DIFFERENTIAL SETTLEMENT.

2. STEP AS NEEDED TO MINIMIZE BURIED UNITS AND MAINTAIN MINIMUM REQUIRED EMBEDMENT.

SEGMENTAL BLOCK STEPPING BASE

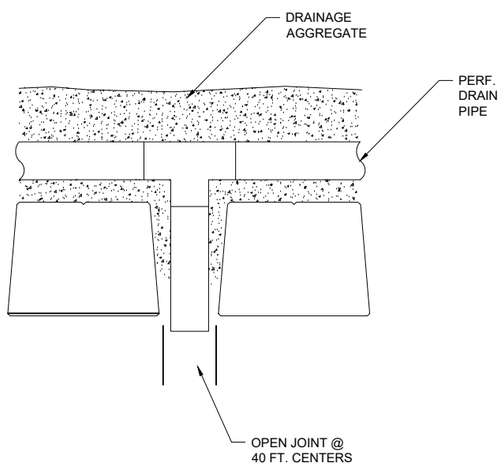
SCALE: NONE



NOTES:
1. SECURE ALL CAP UNITS WITH MANUFACTURE'S RECOMMENDED ADHESIVE.

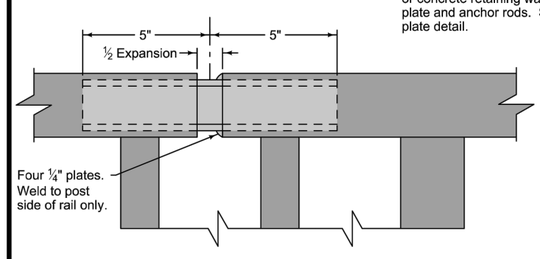
TOP OF WALL STEPS

SCALE: NONE

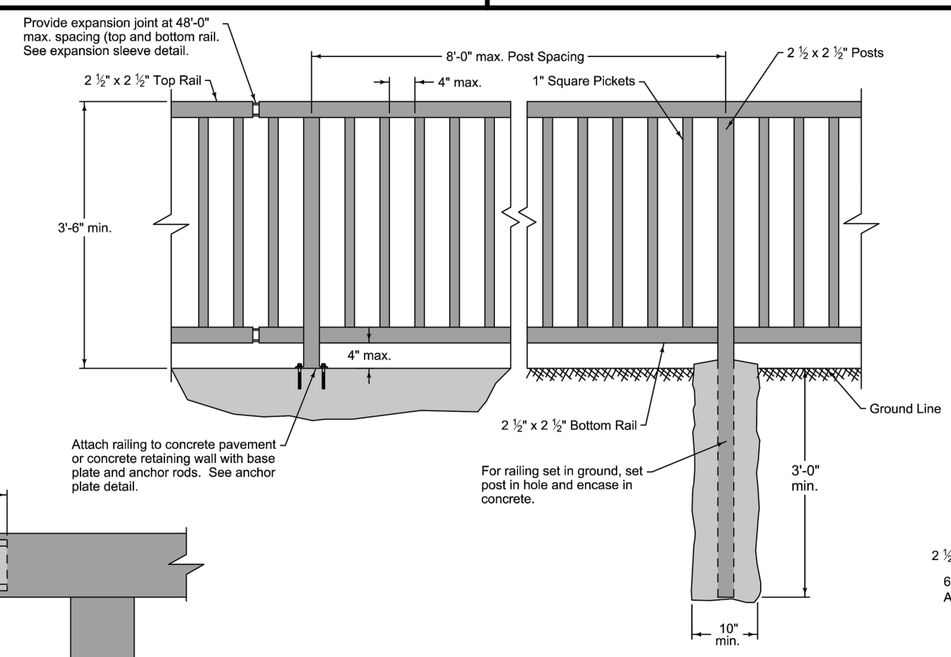


DRAIN DETAIL

SCALE: NONE



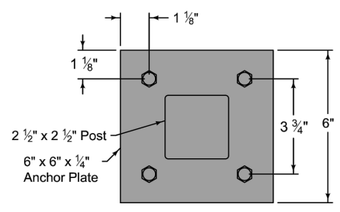
EXPANSION SLEEVE DETAIL (1)



Weld all components with 1/4 inch fillet welds. Grind welds and connections as requried to provide a smooth surface, free of burrs.

Field paint safety rail after installation as specified in the contract documents.

(1) Detail shown is for top rail. Expansion joint for bottom rail is similar.



ANCHOR PLATE DETAIL

PEDESTRIAN RAILING DETAIL

SCALE: NONE

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 21-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

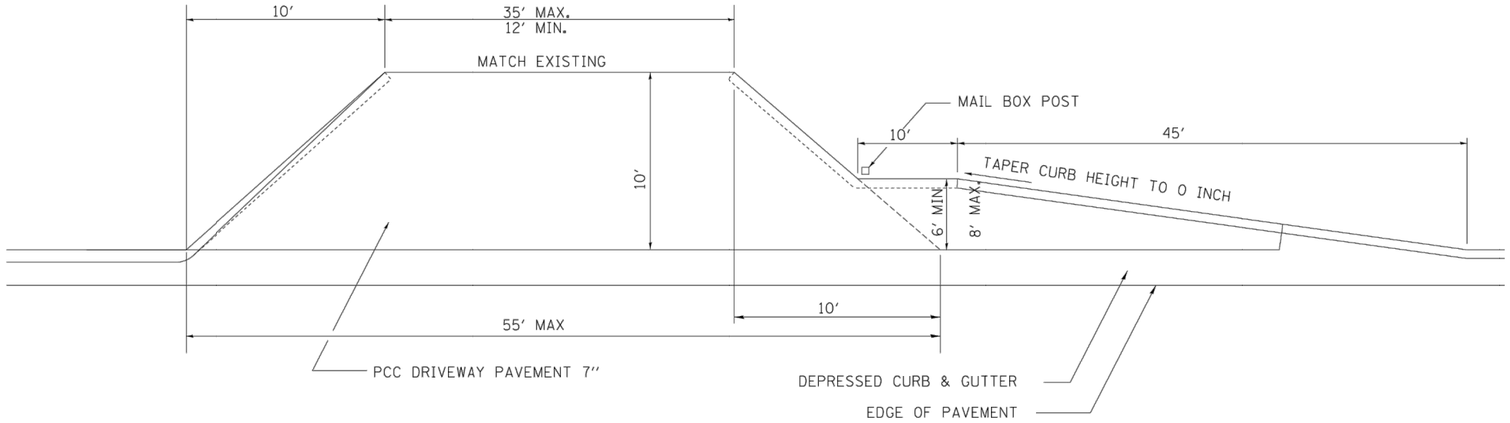
SCALE: NONE | SHEET NO. 146 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	146

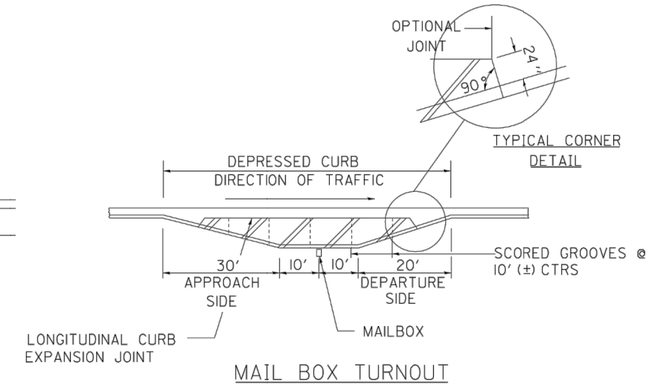
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT

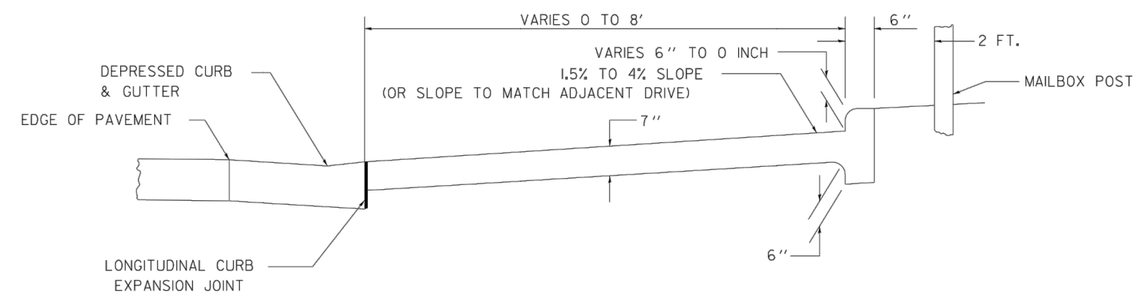
MAILBOX TURNOUT IN CURB AND GUTTER SECTION



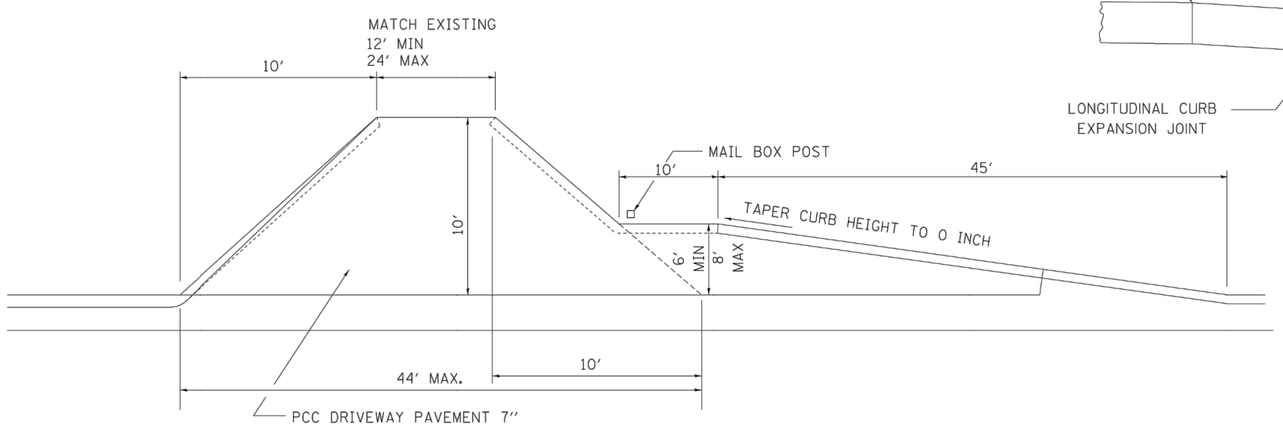
COMMERCIAL ENTRANCE WITH MAIL BOX TURNOUT



MAIL BOX TURNOUT



TYPICAL CROSS SECTION



PRIVATE ENTRANCE WITH MAIL BOX TURNOUT

GENERAL NOTES

1.) THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
2.) THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
3.) THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 423.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY 10 FT. CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.
4.) THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT, MONOLITHIC CURB AS SHOWN, SCORED GROOVES, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5) SEE THE DISTRICT STANDARD 25.1 FOR ADDTIONAL DETAILS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 10-17-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -							
	PLOT SCALE = 1.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO.	
	PLOT DATE = 1/18/2017	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

MAILBOX TURNOUT IN CURB AND GUTTER SECTION 3.1

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 DETAILS.dwg		REVISED - (4)	

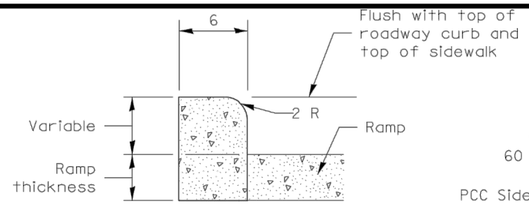
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 2 DETAILS

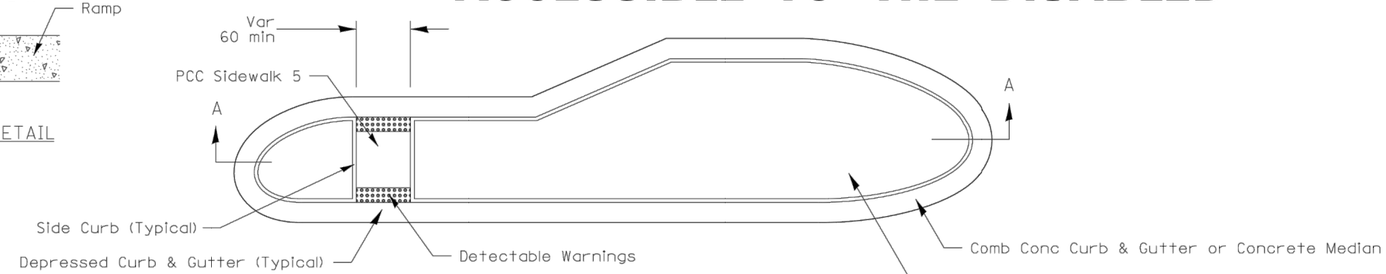
SCALE: NONE | SHEET NO. 147 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	147
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

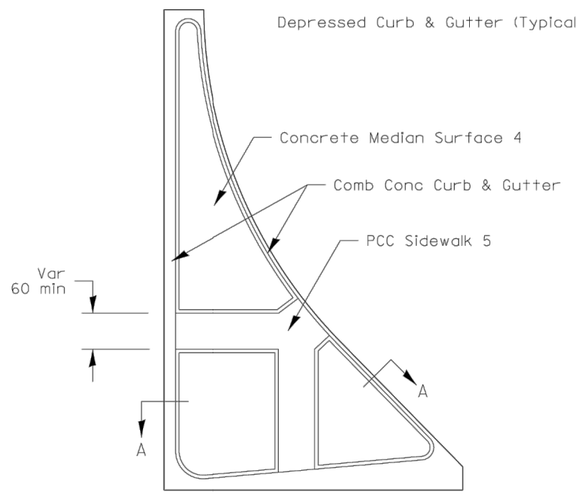
PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED



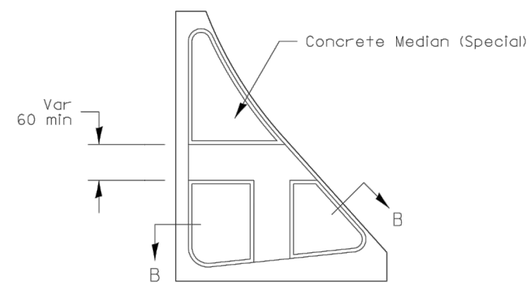
SIDE CURB DETAIL



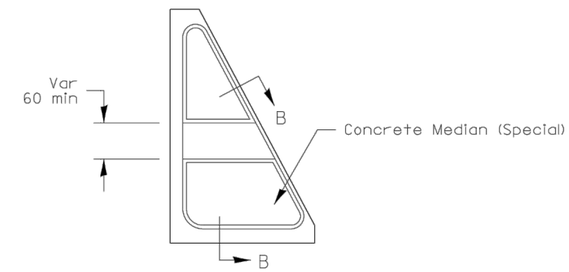
TYPICAL PLAN OF MEDIAN ISLAND



LARGE ISLAND
(Free Flow Design)

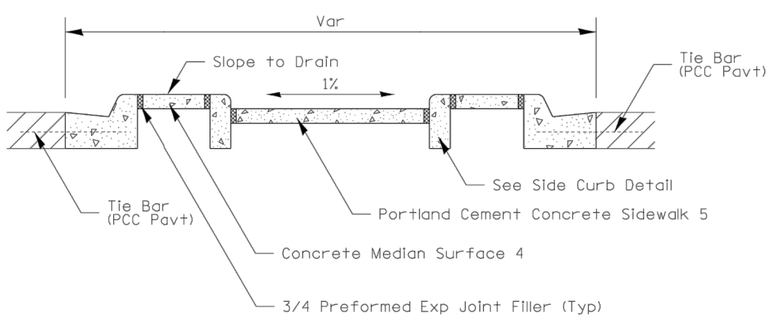


INTERMEDIATE ISLAND
(For Right Turn Lane Design)

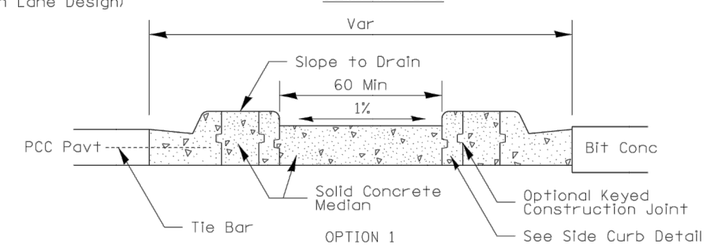


SMALL ISLAND
(For Typical Design)

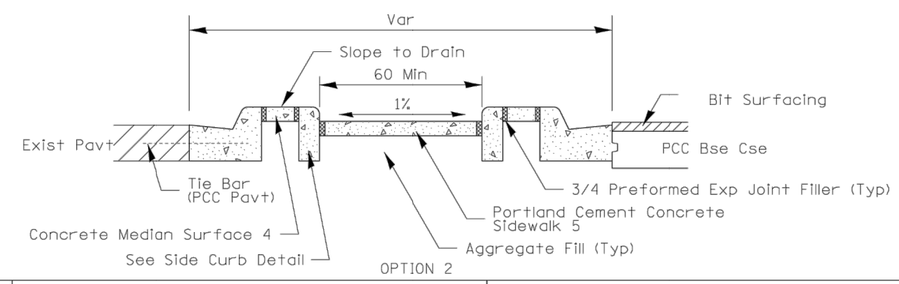
SECTION A-A



SECTION B-B



OPTION 1



OPTION 2

General Notes:
See Standard 606301 and plan sheets for station & offsets, radii, dimensions, and details not shown.

See Standard 424031 for sidewalk details not shown.

The sidewalk should drain to the low side of the island. If necessary the sidewalk shall be sloped to drain at 1%.

See the plan general notes for the type of curb & gutter to be used on islands.

The sidewalk should not be closer than 36 from the corner of the island.

Keyed longitudinal construction joints shall be constructed without tie bars.

Medians and large islands shall consist of PCC Sidewalk 5, Concrete Median Surface 4, and Combination Concrete Curb & Gutter, Type M or B of the size specified. Median island can also be solid concrete medians.

Locations, layouts, and widths of the flush sidewalk area, shall be determined by the designer and shown on the plans.

The intermediate and small islands will be measured for payment from E.O.P. to E.O.P. using either option 1 or option 2, as specified in the plans, and will be paid for at the contract unit price per SQ FT for CONCRETE MEDIAN (SPECIAL) which shall include the combination curb & gutter, sidewalk, aggregate fill, concrete median surface, and solid concrete median.

Omit detectable warnings when distance between back of curbs is less than 6'.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

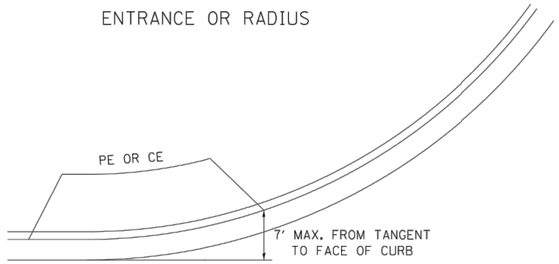
FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED - 6-27-14							
	PLOT SCALE = 1.0000 '/ in.	CHECKED -	REVISED - 8-27-13						CONTRACT NO.	
	PLOT DATE = 1/18/2017	DATE -	REVISED - 10-09-12		SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

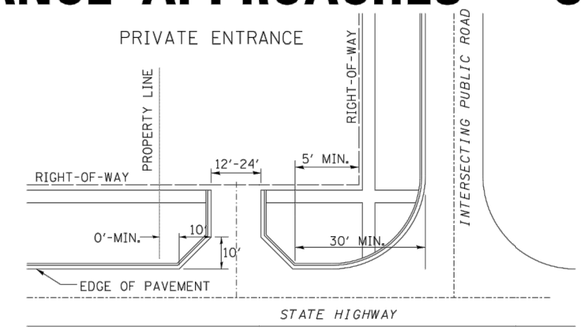
PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED 4.1

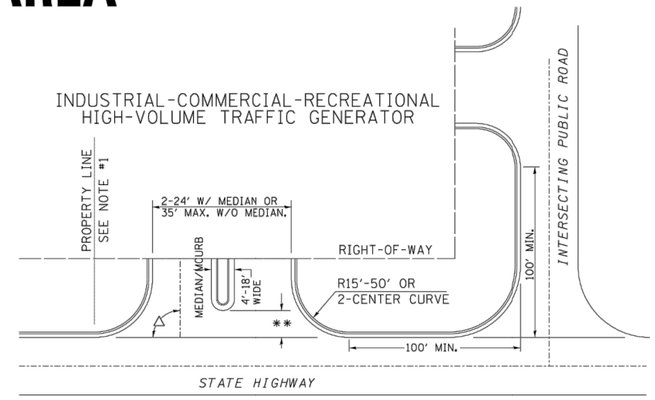
MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IDOT DISTRICT 2 DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)				308	15-00017-00-SW	ROCK ISLAND	190	148
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)						CONTRACT NO. 85697		
FILE NAME - 00442048 DETAILS.dwg		REVISED - (4)		SCALE: NONE	SHEET NO. 148 OF 190 SHEETS STA. N/A TO STA. N/A			ILLINOIS FED. AID PROJECT		

ENTRANCE APPROACHES – URBAN AREA



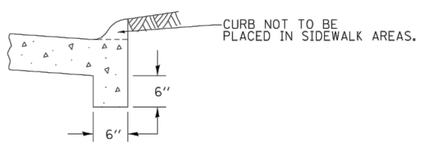




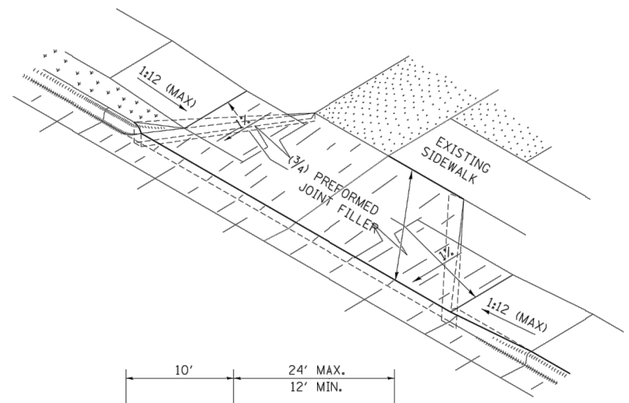
A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
△ 90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

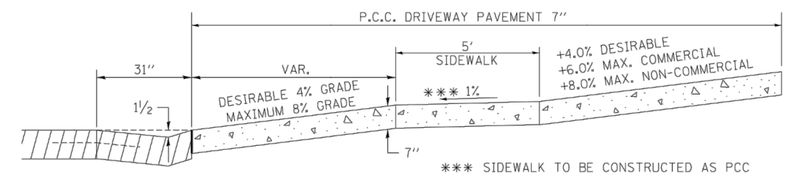
NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

** 4'-10' IF HIGHWAY CURBED.
AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



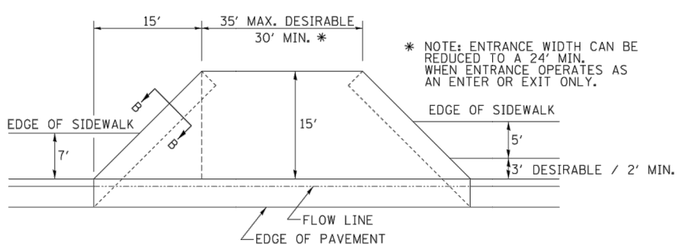
SEC B-B





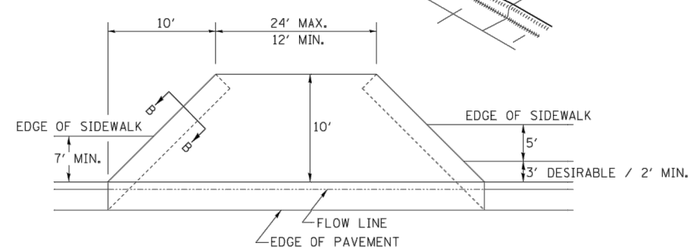
*** SIDEWALK TO BE CONSTRUCTED AS PCC DRIVEWAY PAVEMENT 7" THROUGH THE WIDTH OF THE DRIVEWAY. SEE DIST. STD. 35.4

ASCENDING APPROACH



* NOTE: ENTRANCE WIDTH CAN BE REDUCED TO A 24' MIN. WHEN ENTRANCE OPERATES AS AN ENTER OR EXIT ONLY.

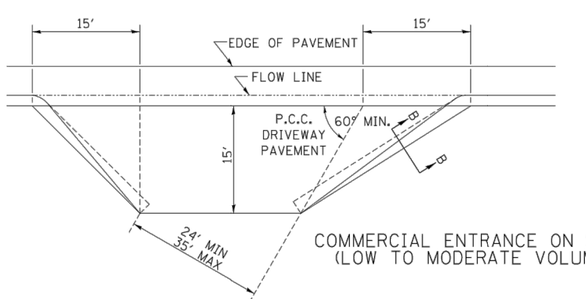
LOW TO MODERATE VOLUME COMMERCIAL ENTRANCE



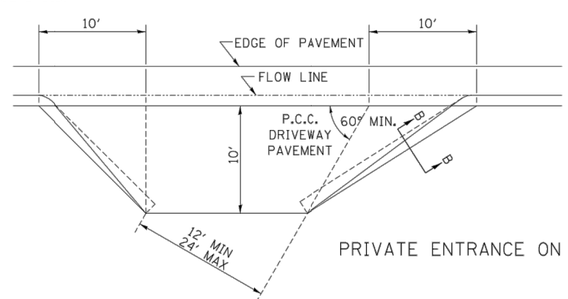
PRIVATE ENTRANCE

DESCENDING APPROACH
(NO SIDEWALK)

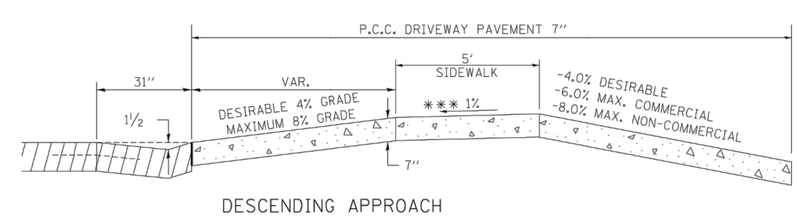
NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.



COMMERCIAL ENTRANCE ON SKEW
(LOW TO MODERATE VOLUME)



PRIVATE ENTRANCE ON SKEW



DESCENDING APPROACH
(WITH SIDEWALK)

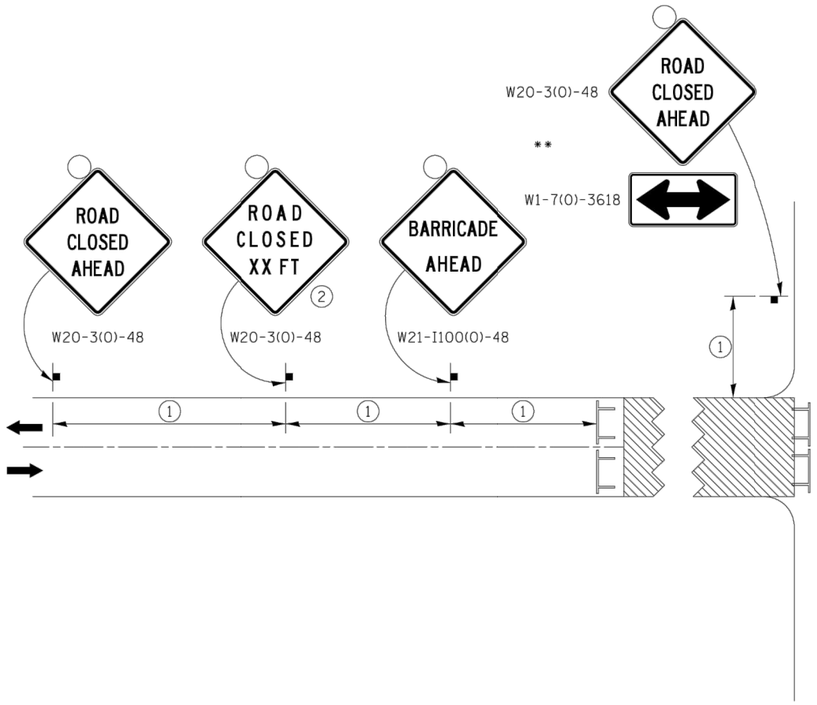
FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED - 12-07-10					CONTRACT NO.	
	PLOT SCALE = 1.0000 ' / in.	CHECKED -	REVISED -						
	PLOT DATE = 1/18/2017	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

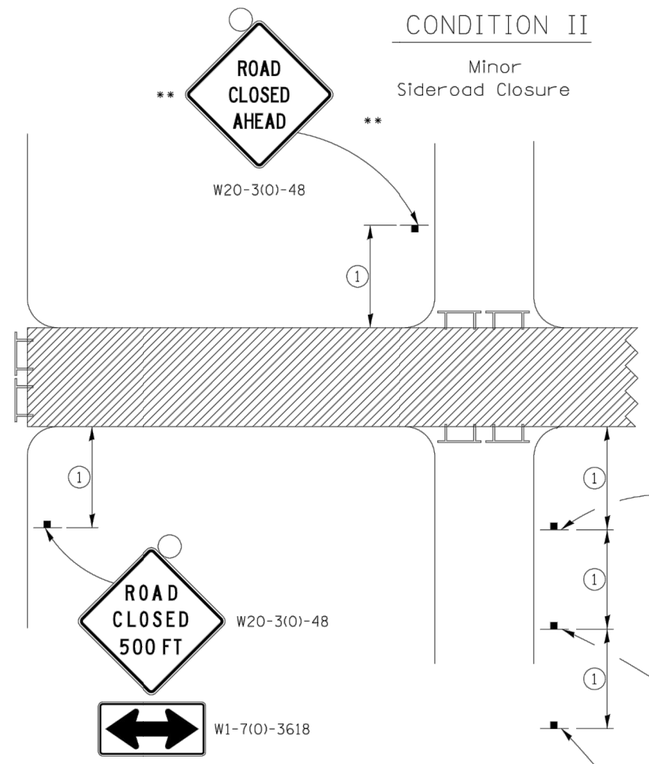
ENTRANCE APPROACHES – URBAN AREA 25.1

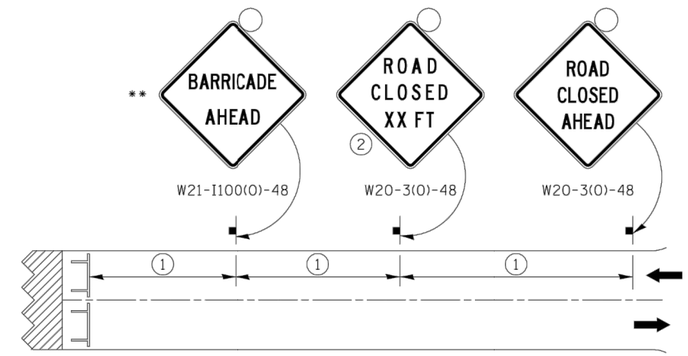
MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

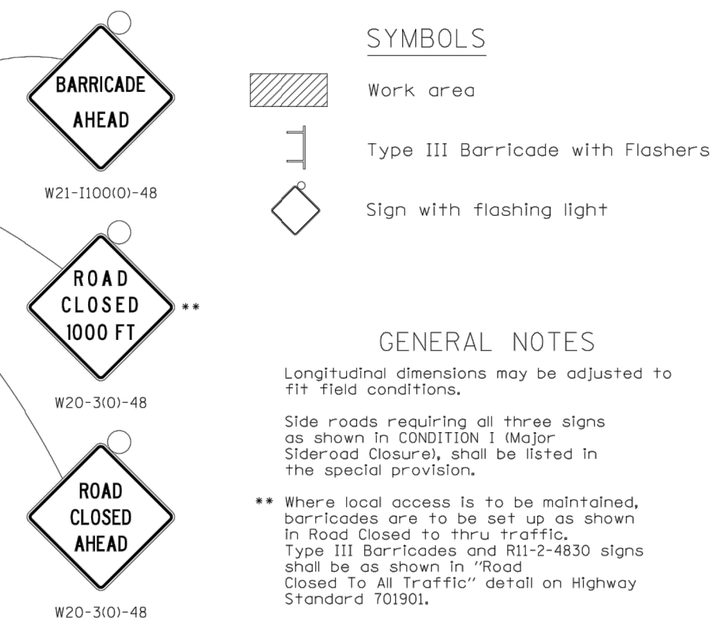
PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IDOT DISTRICT 2 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)			308	15-00017-00-SW	ROCK ISLAND	190	149
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)					CONTRACT NO. 85697		
FILE NAME - 00442048 DETAILS.dwg		REVISED - (4)		SCALE: NONE / SHEET NO. 149 OF 190 SHEETS / STA. N/A / TO STA. N/A			ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL FOR ROAD CLOSURE









SYMBOLS

- Work area
- Type III Barricade with Flashers
- Sign with flashing light

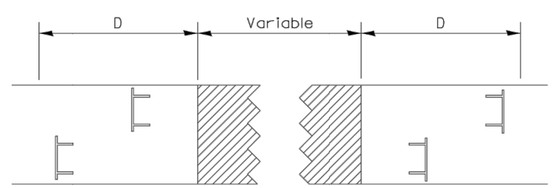
① SIGN SPACING TABLE

Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

② SIGN LEGEND

Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

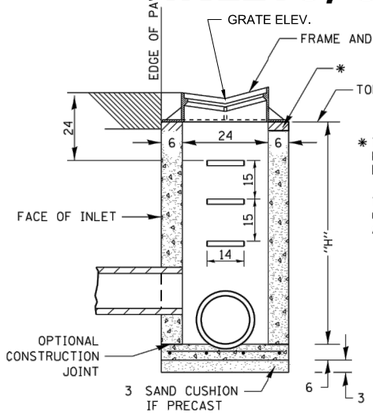
FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 8-27-13							
	PLOT SCALE = 1.0000 ' / in.	CHECKED -	REVISED - 10-17-11					CONTRACT NO.		
	PLOT DATE = 1/18/2017	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC CONTROL FOR ROAD CLOSURE 40.1

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED - (1)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IDOT DISTRICT 2 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED - (2)			308	15-00017-00-SW	ROCK ISLAND	190	150
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)					CONTRACT NO. 85697		
FILE NAME - 00442048 DETAILS.dwg		REVISED - (4)		SCALE: NONE / SHEET NO. 150 OF 190 SHEETS / STA. N/A / TO STA. N/A			ILLINOIS FED. AID PROJECT		

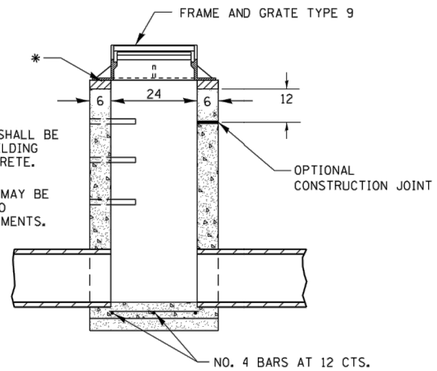
INLETS, SPECIAL (TYPE A GUTTER)



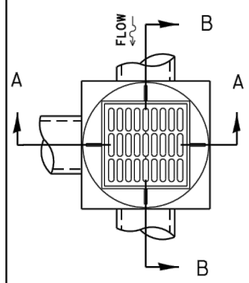
SEC. A-A

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



FRAME AND GRATES TYPE 9



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

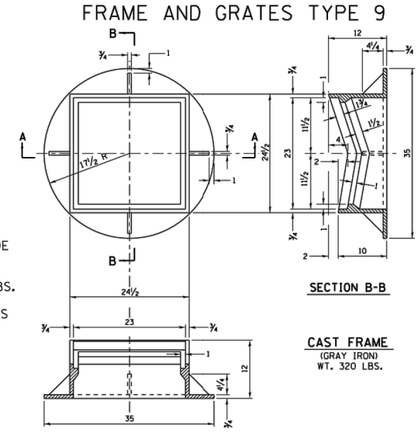
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

WEIGHT OF CAST IRON FRAME & GRATE = 440 LBS.

STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.

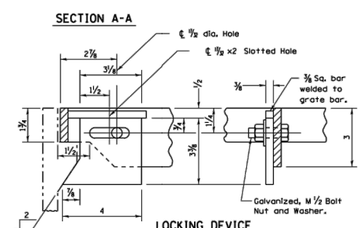
DETAIL OF FRAME & GRATE

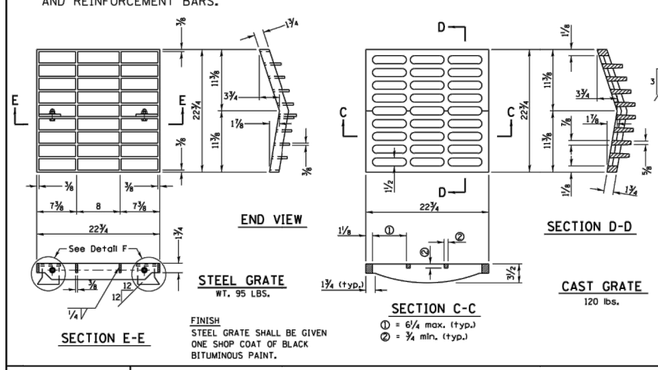


NOTES

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE STEPS (IF USED), THE PRECAST FLOOR SLAB, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.





FINISH
STEEL GRATE SHALL BE GIVEN ONE SHOP COAT OF BLACK BITUMINOUS PAINT.

GENERAL NOTES

THE MATERIAL FOR STEEL GRATE SHALL CONFORM TO ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS.

THE USE OF EITHER A CAST GRATE OR A STEEL GRATE WITH THE CAST FRAME SHALL BE THE OPTION OF THE CONTRACTOR.

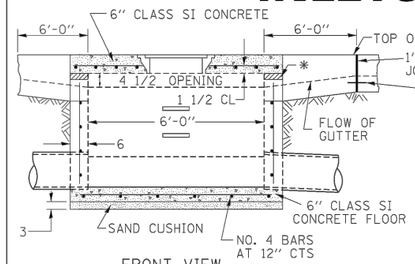
THE CAST GRATE MAY BE MADE OF EITHER GRAY IRON OR DUCTILE IRON CONFORMING TO THE STANDARD SPECIFICATIONS. DUCTILE IRON CASTING SHALL BE GRADE 65-45-12

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 6-27-14						
REVISED - 10-13-11				CONTRACT NO.		
REVISED -	SCALE: 2.0000 ' / in. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLETS, SPECIAL (TYPE A GUTTER) 11.2

INLETS, SPECIAL, NO. 3



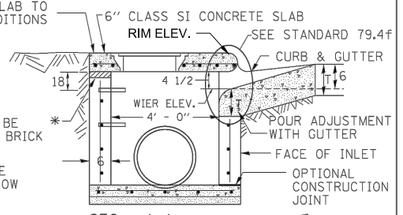
FRONT VIEW

STEPS AT 12 TO 16 CTS.

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



SEC. A-A

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

REINFORCEMENT FOR INLETS, SPECIAL, NO. 3 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

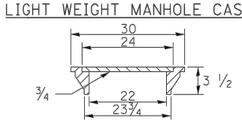
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

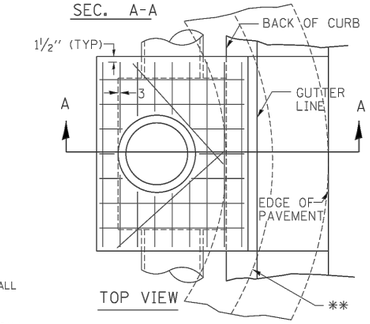
THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.

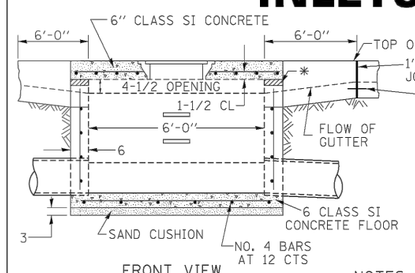


** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 8-27-13						
REVISED - 10-03-11				CONTRACT NO.		
REVISED -	SCALE: 1.0000 ' / in. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLETS, SPECIAL, NO. 3 79.4

INLETS, SPECIAL, NO. 5



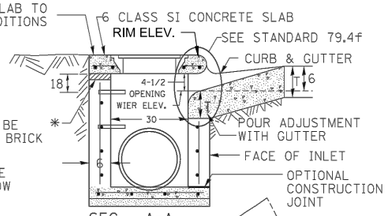
FRONT VIEW

STEPS AT 12 TO 16 CTS.

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



SEC. A-A

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

REINFORCEMENT FOR INLETS, SPECIAL, NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

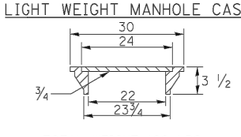
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

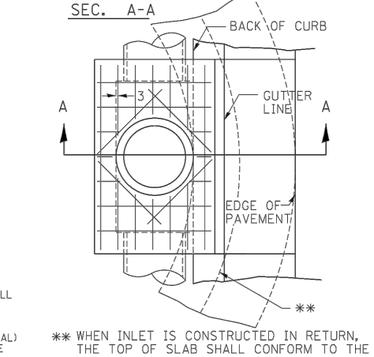
THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.



** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 8-27-13						
REVISED - 10-04-11				CONTRACT NO.		
REVISED -	SCALE: 1.0000 ' / in. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLETS, SPECIAL, NO. 5 79.4b

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 Ice Harbor Drive, Dubuque IA 52001
(563) 582-3973 www.msa-ps.com

PLOT DATE - 8-Jan-21	DESIGNED - JLS	REVISED -	(1)
USER NAME - JAYDEN SCHECKEL	DRAWN BY - JLS	REVISED -	(2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED -	(3)
FILE NAME - 00442048 DETAILS.dwg		REVISED -	(4)

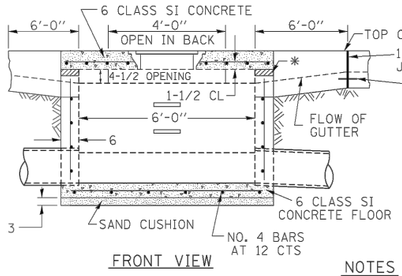
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 2 DETAILS

SCALE: NONE | SHEET NO. 151 OF 190 SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	151
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

INLETS, SPECIAL, NO. 6

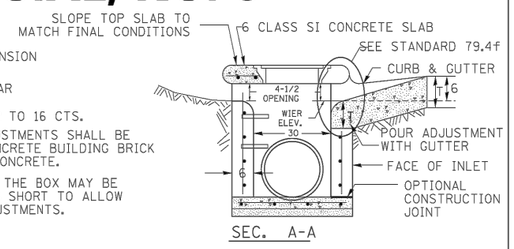


FRONT VIEW

STEPS AT 12 TO 16 CTS.

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



SEC. A-A

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

REINFORCEMENT FOR INLETS, SPECIAL, NO. 6 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 6 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

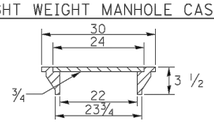
THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 6 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

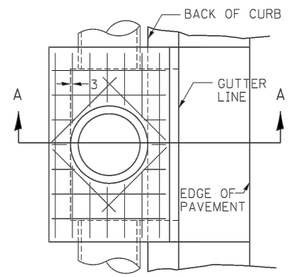
THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE INLET.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.



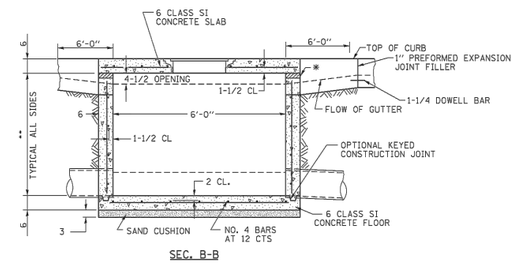
TOP VIEW

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

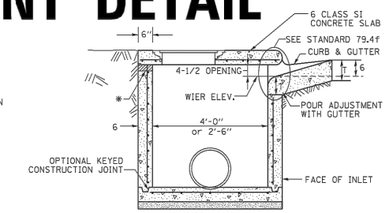
REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 8-27-13						
REVISED - 10-05-11				CONTRACT NO.		
REVISED -	SCALE: 1.0000 ' / in. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLETS, SPECIAL, NO. 6 79.4c

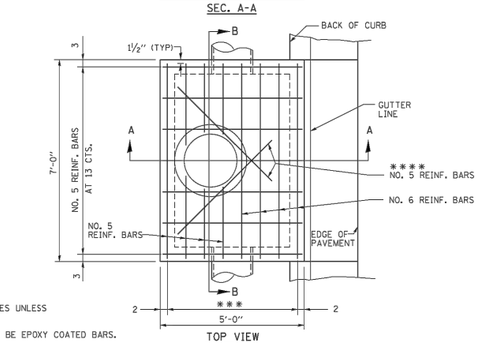
INLETS, SPECIAL, NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



SEC. B-B



SEC. A-A



TOP VIEW

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

** 4'-0" TO 8'-0" - NO. 5 REINF. BARS AT 12 CTS. E.W.
8'-0" TO 13'-0" - NO. 5 REINF. BARS AT 10 CTS. E.W.
13'-0" TO 15'-0" - NO. 5 REINF. BARS AT 8 CTS. E.W.

*** 7 SPA. AT 8" INLET SPECIAL # 3, 4
5 SPA AT 7-5/8" INLET SPECIAL # 5, 6

**** 2 REBARS FOR INLET SPECIAL 3 & 4 @ 65"
4 REBARS FOR INELT SPECIAL 5 & 6 @ 24"

NOTES

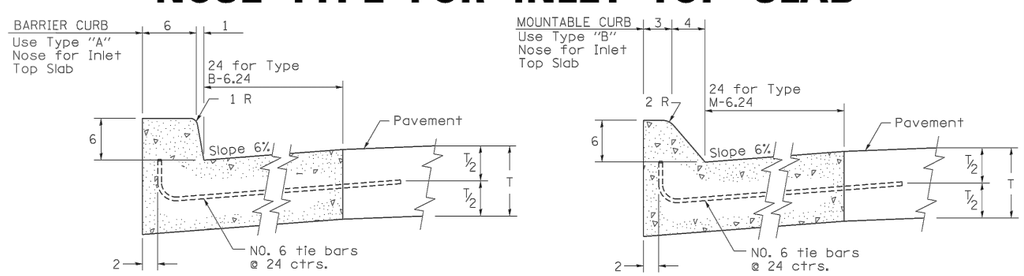
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TOP SLAB REINFORCEMENT TO BE EPOXY COATED BARS.

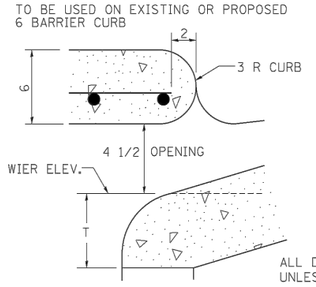
REVISED - 4-13-16	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 8-27-13						
REVISED - 10-05-11				CONTRACT NO.		
REVISED -	SCALE: 1.0000 ' / in. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLETS, SPECIAL, NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4g

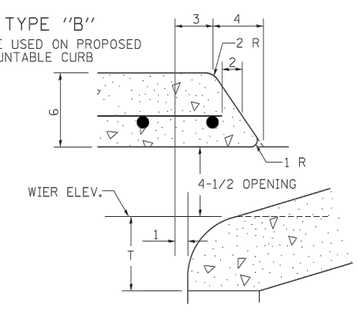
NOSE TYPE FOR INLET TOP SLAB



TYPE "A"
TO BE USED ON EXISTING OR PROPOSED 6 BARRIER CURB



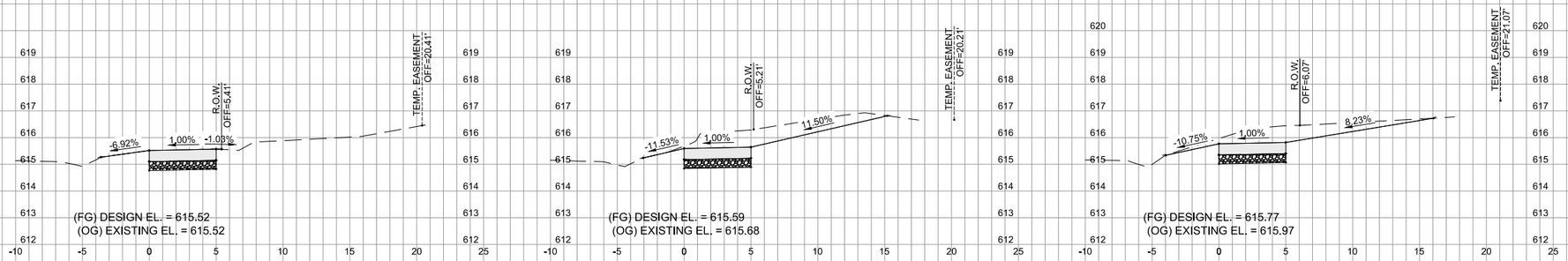
TYPE "B"
TO BE USED ON PROPOSED 6 MOUNTABLE CURB

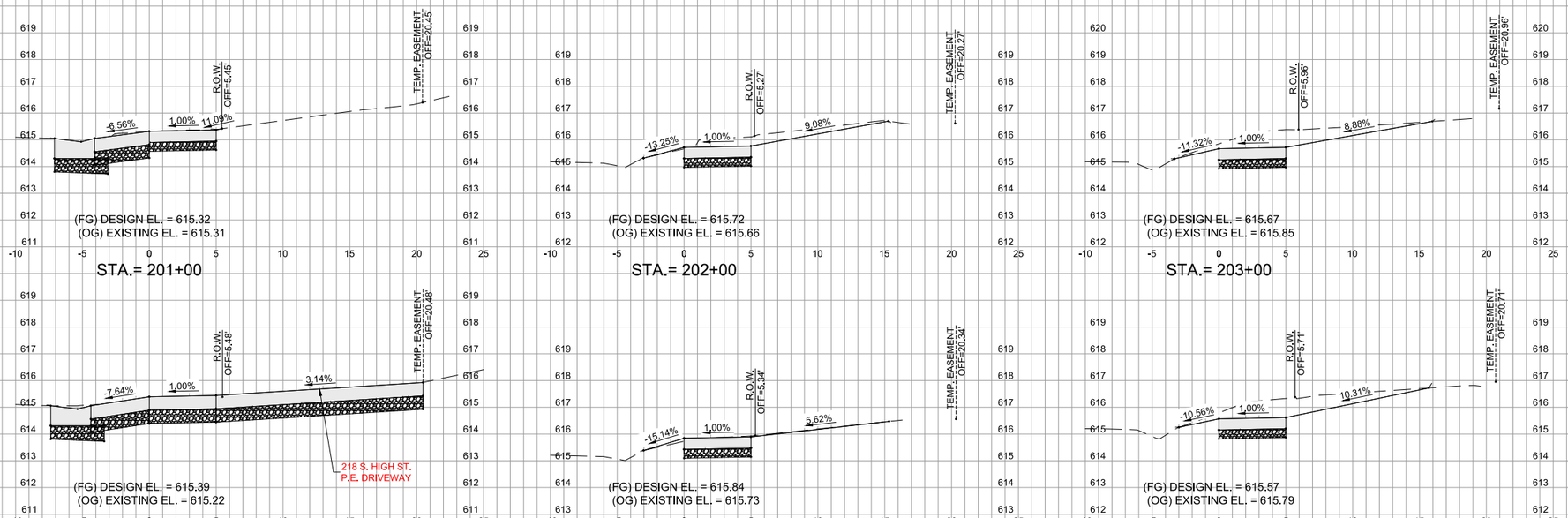


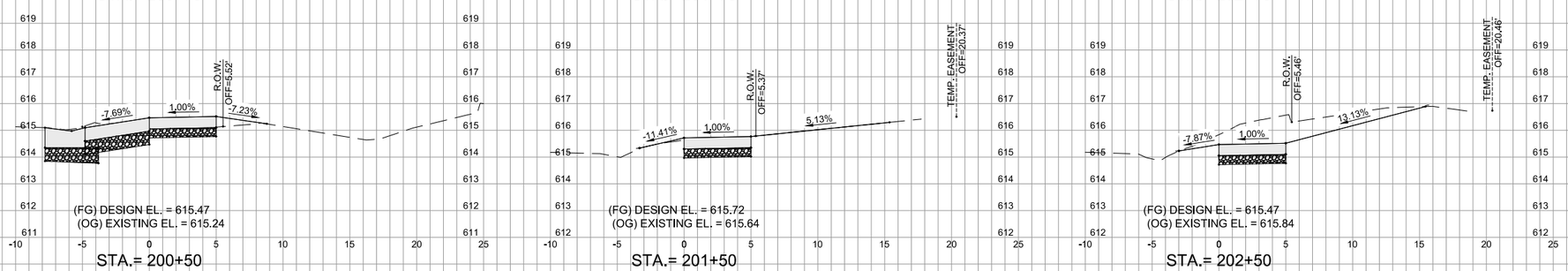
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 4-14-15	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-05-11						
REVISED -				CONTRACT NO.		
REVISED -	SCALE: 1.0000 ' / in. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOSE TYPE FOR INLET TOP SLAB 79.4f







MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)
FILE NAME - 00442048 - XS.dwg		REVISED - (4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 153 OF 190SHEETS | STA. | TO STA.

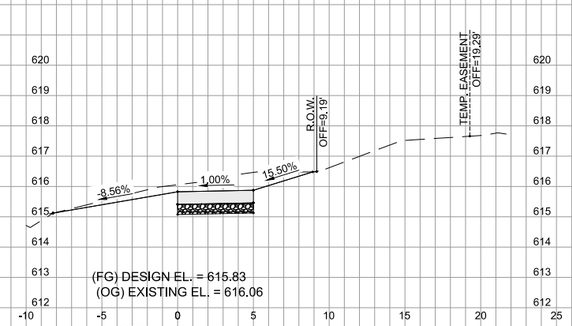
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	153

CONTRACT NO. 85697

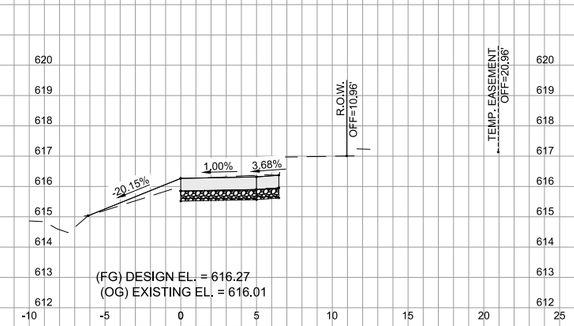
ILLINOIS FED. AID PROJECT

STA.= 204+25

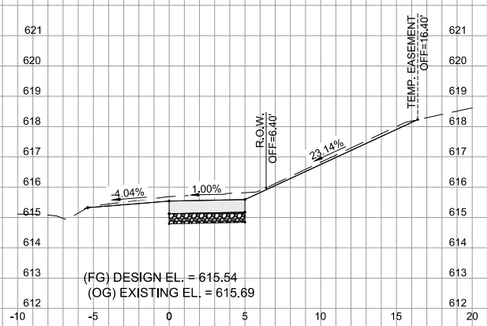
STA.= 205+00



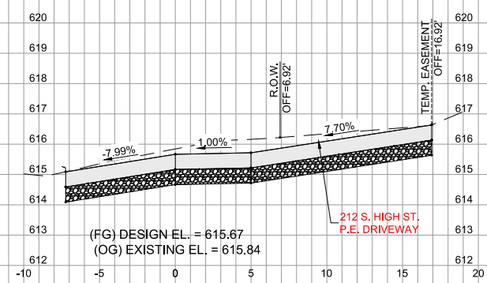
STA.= 205+75



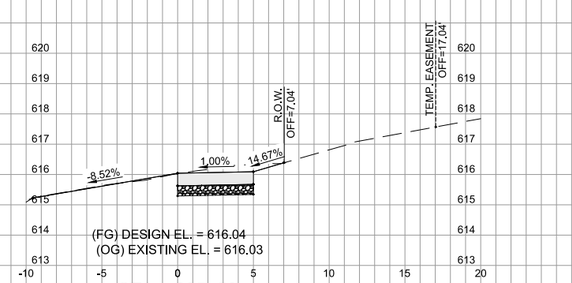
STA.= 206+50



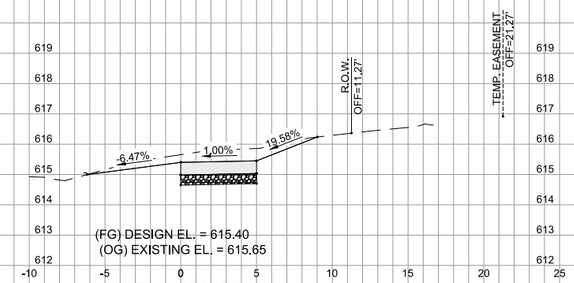
STA.= 204+00



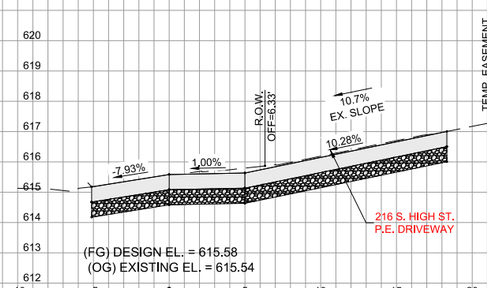
STA.= 204+75



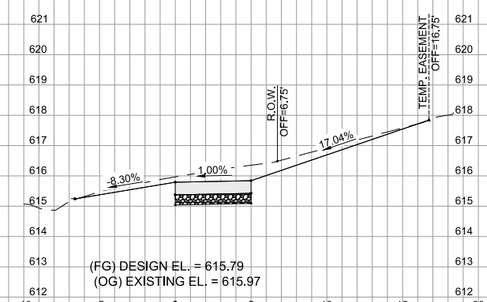
STA.= 205+50



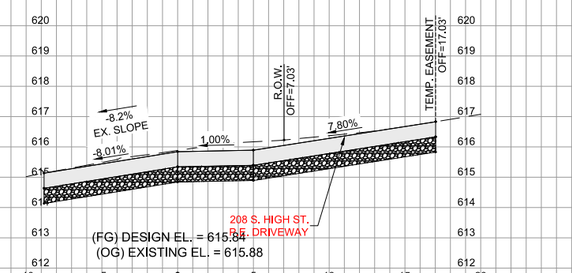
STA.= 206+24



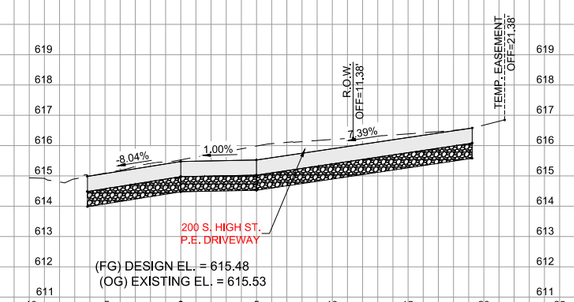
STA.= 203+86



STA.= 204+50

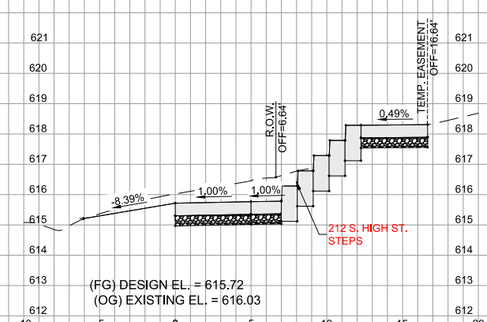


STA.= 205+30

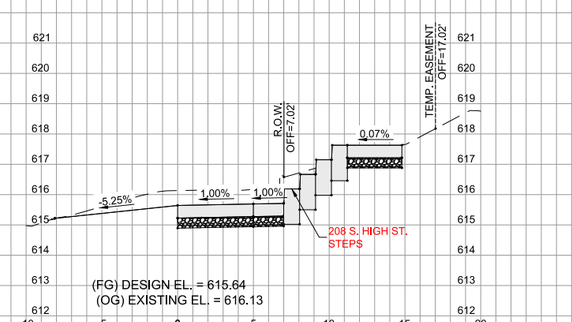


STA.= 206+15

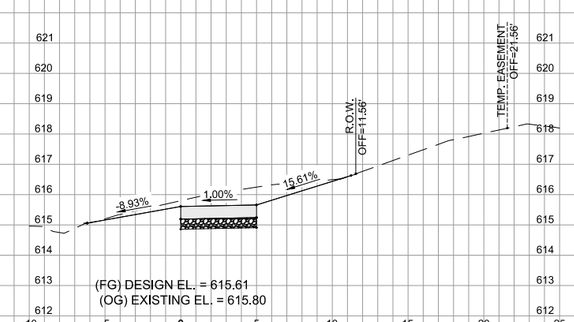
STA.= 203+50



STA.= 204+35



STA.= 205+10



STA.= 206+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

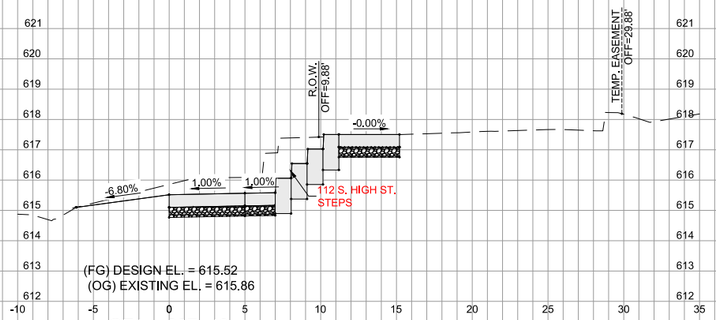
PLOT DATE - 1-Feb-19	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

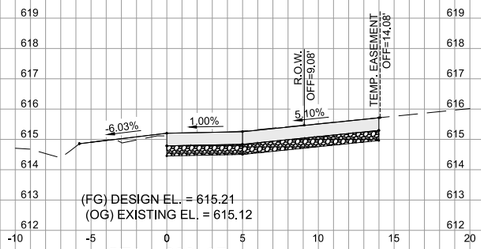
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 154 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	154
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

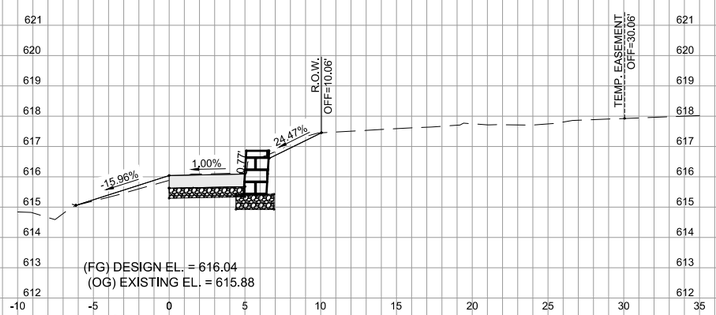


STA.= 207+40



STA.= 208+07

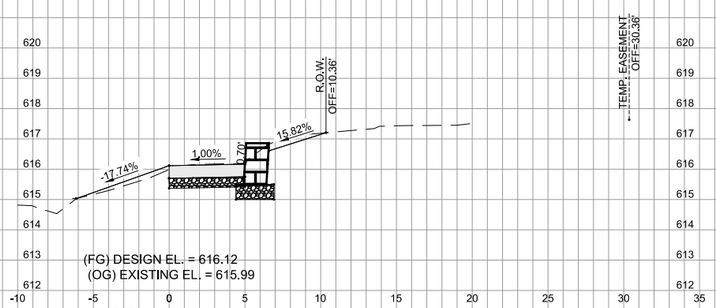
STA.= 208+75



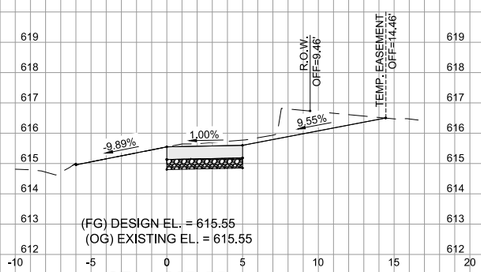
STA.= 207+25

STA.= 208+00

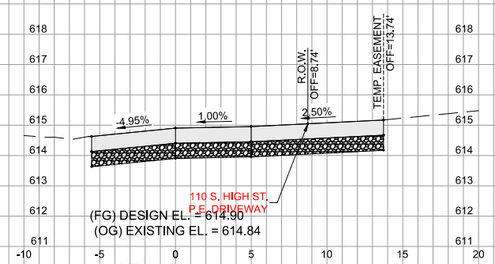
STA.= 208+50



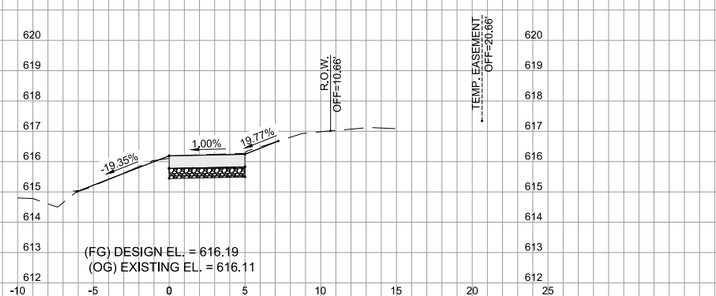
STA.= 207+00



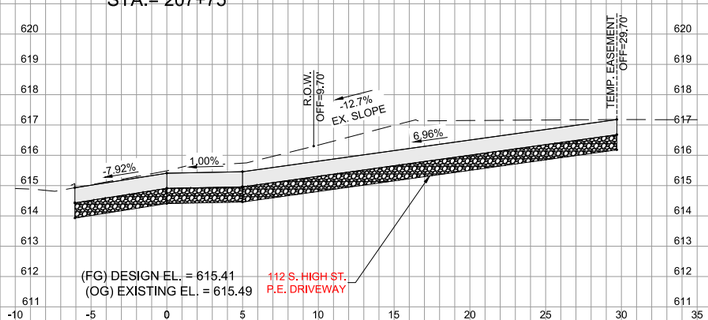
STA.= 207+75



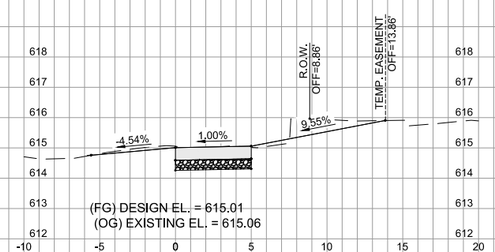
STA.= 208+35



STA.= 206+75



STA.= 207+55



STA.= 208+25

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

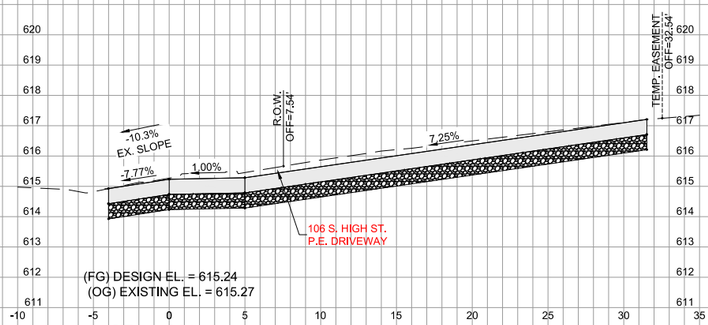
PLOT DATE - 22-Jan-19	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - SIDEWALK

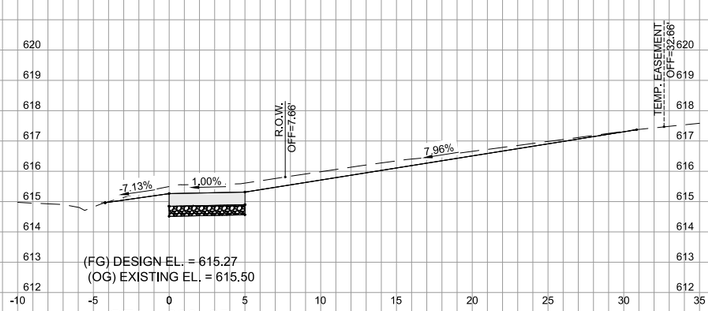
SCALE: | SHEET NO. 155 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	155
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



(FG) DESIGN EL. = 615.24
(OG) EXISTING EL. = 615.27

STA.= 209+35

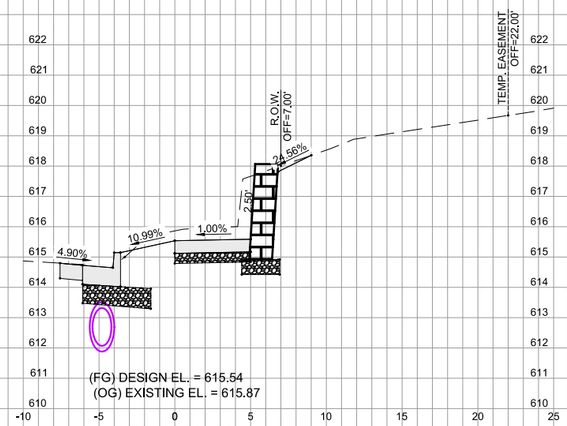


(FG) DESIGN EL. = 615.27
(OG) EXISTING EL. = 615.50

STA.= 209+25

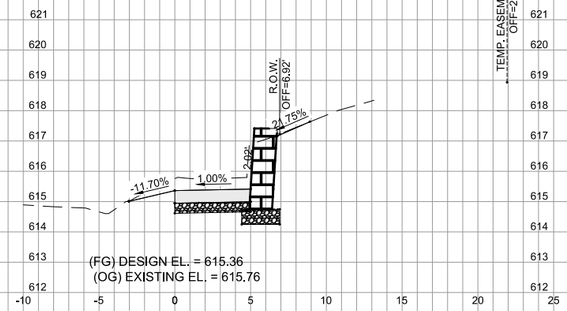
(FG) DESIGN EL. = 615.34
(OG) EXISTING EL. = 615.34

STA.= 209+00



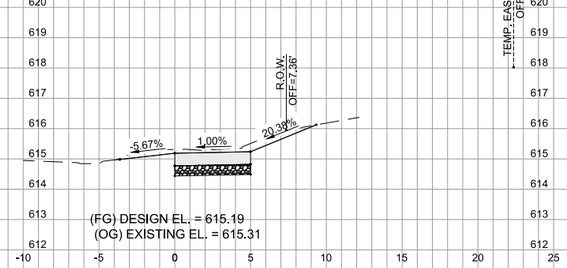
(FG) DESIGN EL. = 615.54
(OG) EXISTING EL. = 615.87

STA.= 210+00



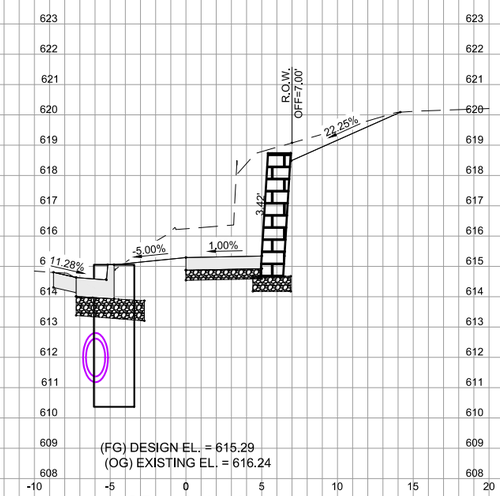
(FG) DESIGN EL. = 615.36
(OG) EXISTING EL. = 615.76

STA.= 209+75



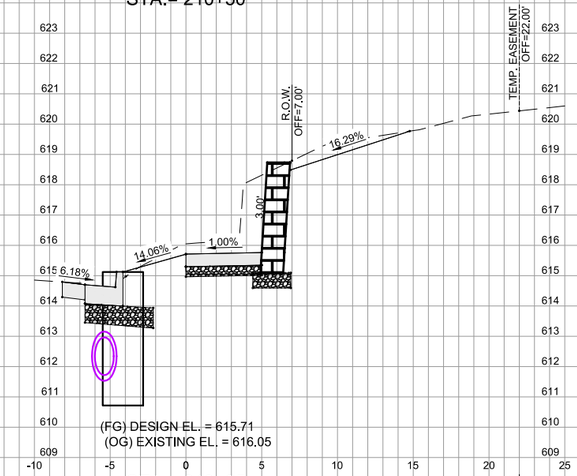
(FG) DESIGN EL. = 615.19
(OG) EXISTING EL. = 615.31

STA.= 209+50



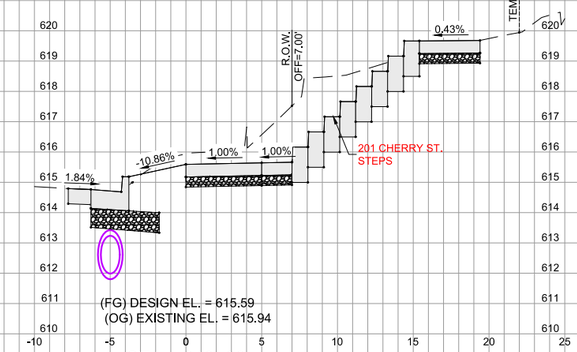
(FG) DESIGN EL. = 615.29
(OG) EXISTING EL. = 616.24

STA.= 210+50



(FG) DESIGN EL. = 615.71
(OG) EXISTING EL. = 616.05

STA.= 210+25



(FG) DESIGN EL. = 615.59
(OG) EXISTING EL. = 615.94

STA.= 210+08

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

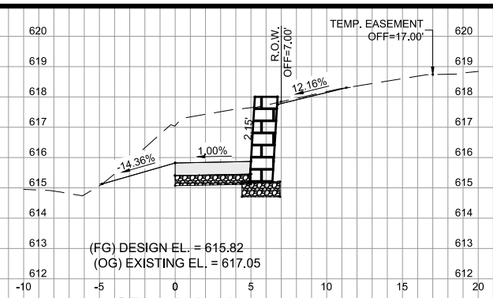
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 156 OF 190SHEETS | STA. | TO STA.

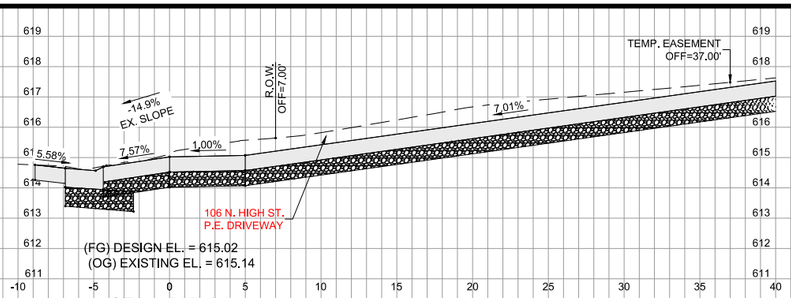
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	156

CONTRACT NO. 85697

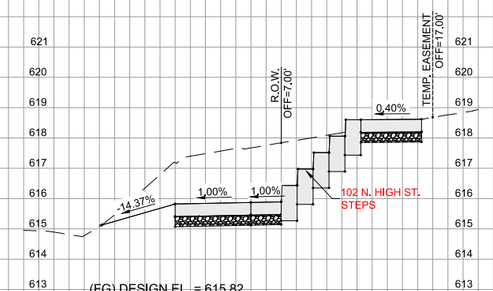
ILLINOIS FED. AID PROJECT



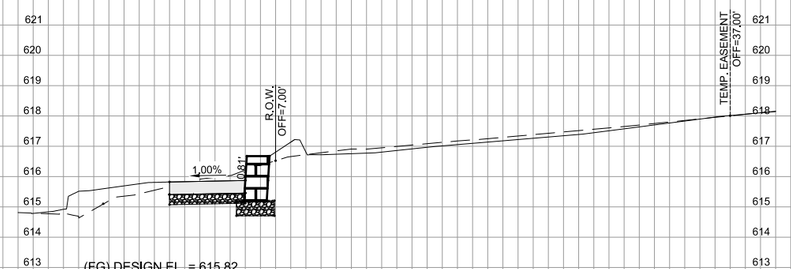
STA.= 212+00



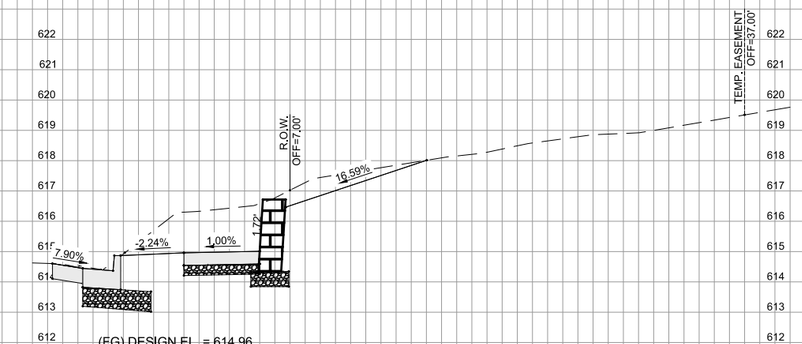
STA.= 212+85



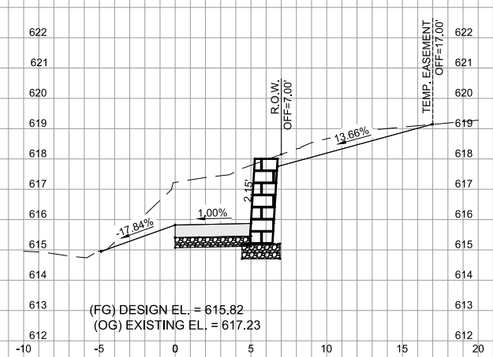
STA.= 211+96



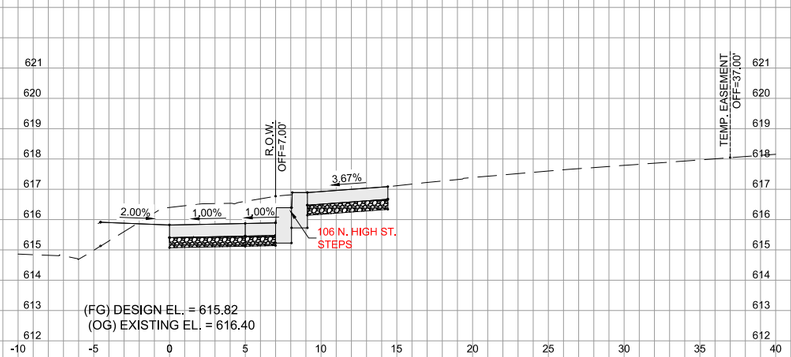
STA.= 212+50



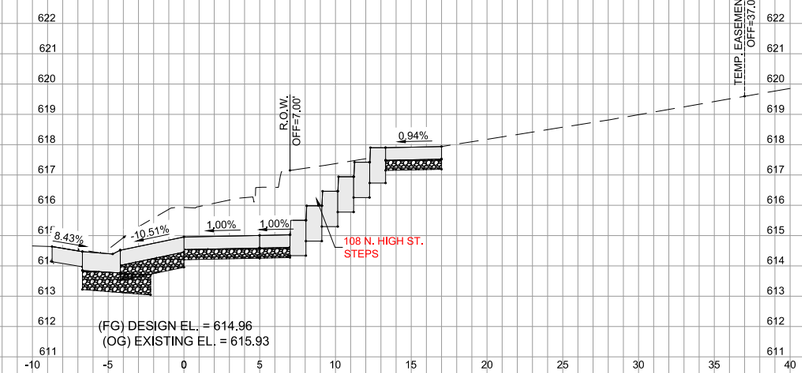
STA.= 213+25



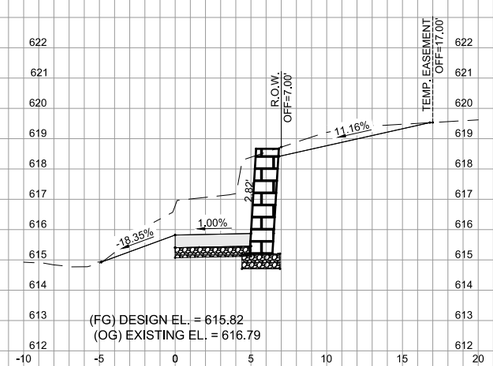
STA.= 211+75



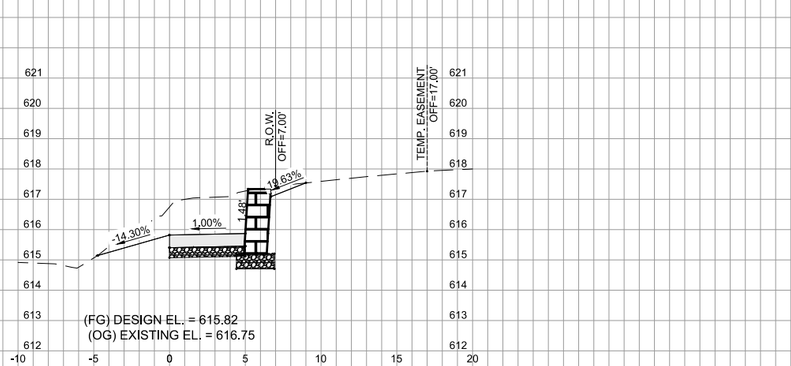
STA.= 212+43



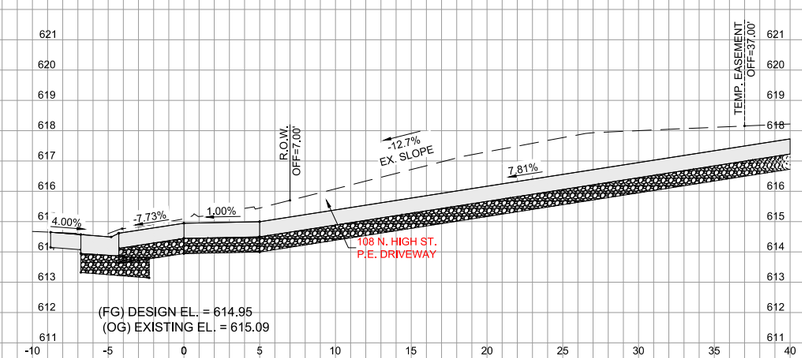
STA.= 213+20



STA.= 211+50



STA.= 212+25



STA.= 213+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 22-Jan-19	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

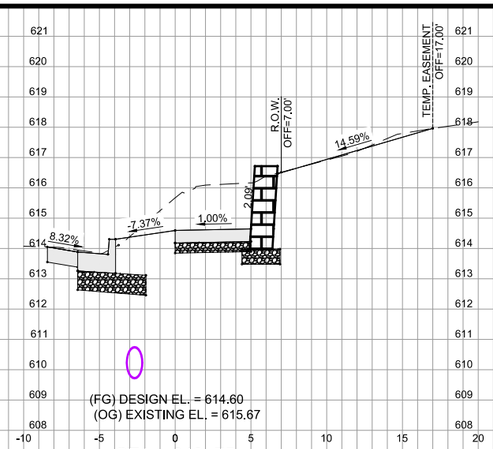
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 157 OF 190SHEETS | STA. | TO STA.

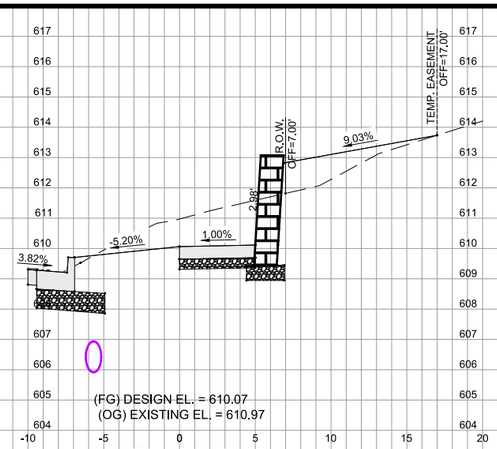
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	157

CONTRACT NO. 85697

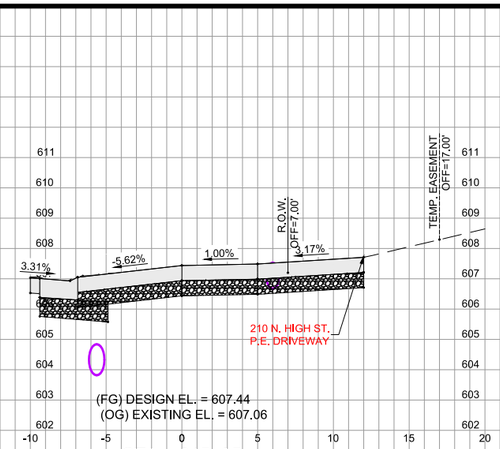
ILLINOIS FED. AID PROJECT



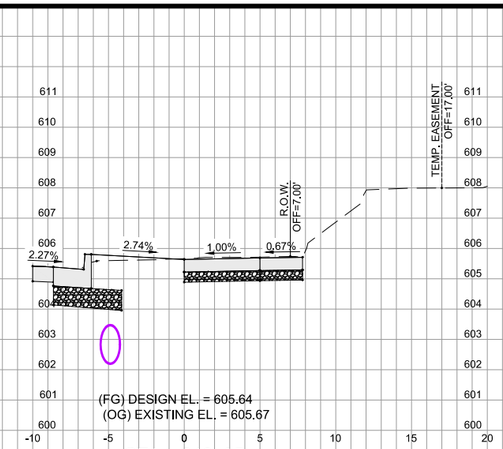
STA.= 213+75



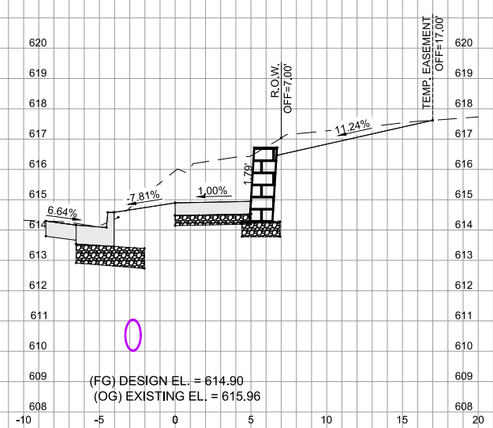
STA.= 215+25



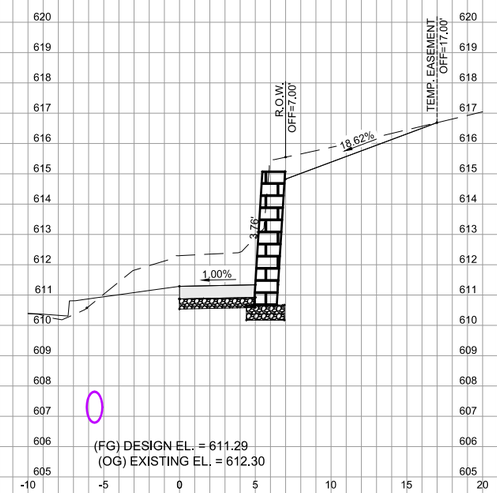
STA.= 215+85



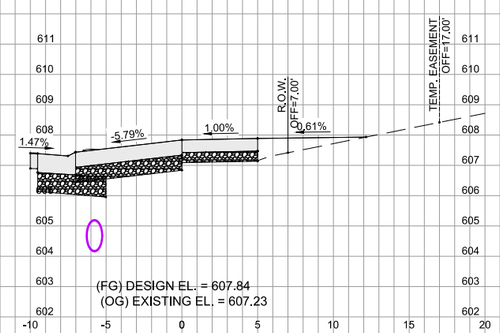
STA.= 216+35



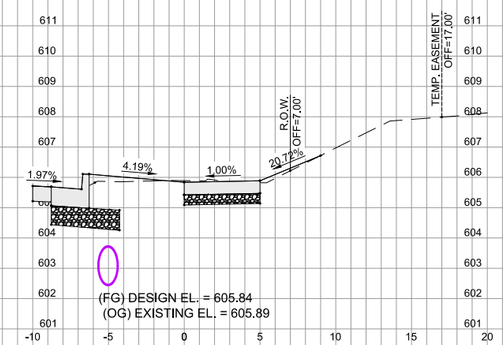
STA.= 213+55



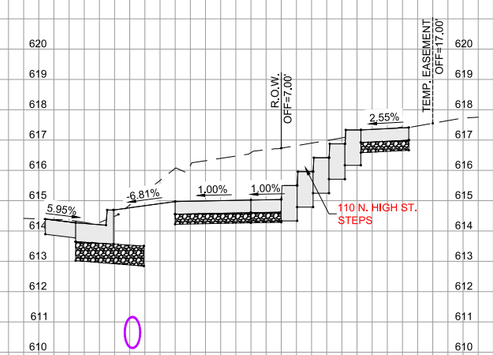
STA.= 215+00



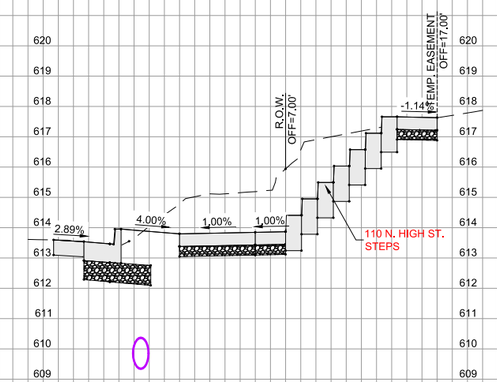
STA.= 215+75



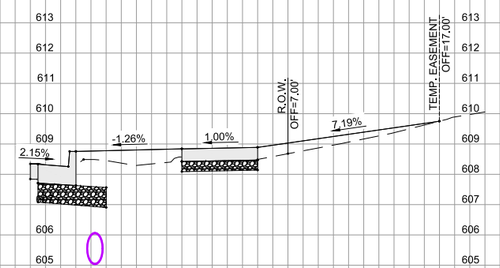
STA.= 216+25



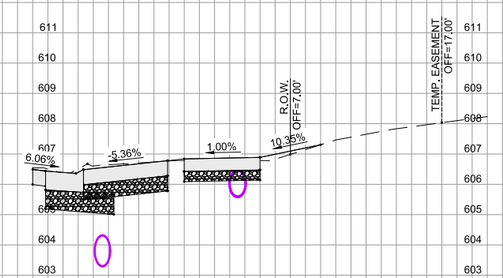
STA.= 213+47



STA.= 214+00



STA.= 215+50



STA.= 216+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 22-Jan-19	DESIGNED - JLS	REVISED - (1)
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)
FILE NAME - 00442048 - XS.dwg		REVISED - (4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

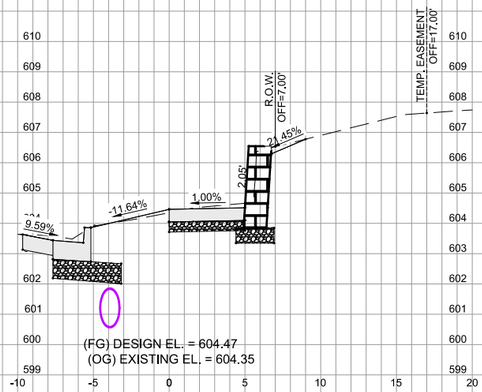
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 158 OF 190SHEETS | STA. | TO STA.

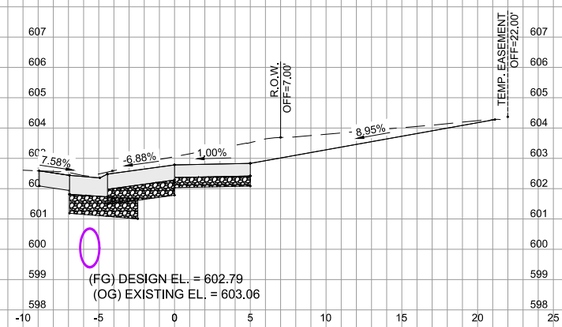
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	158

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT

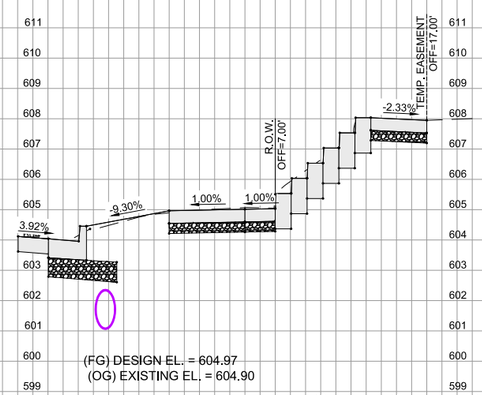


STA.= 217+00

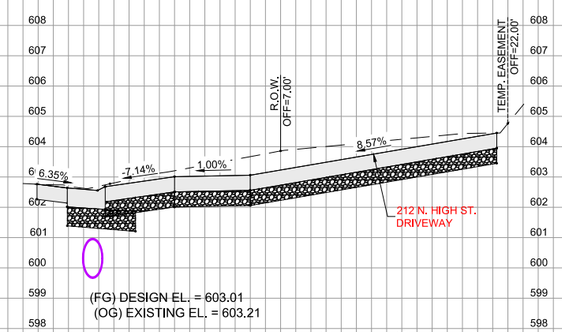


STA.= 217+50

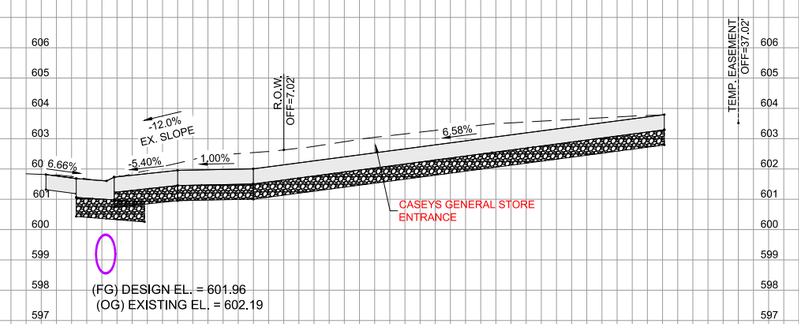
STA.= 218+25



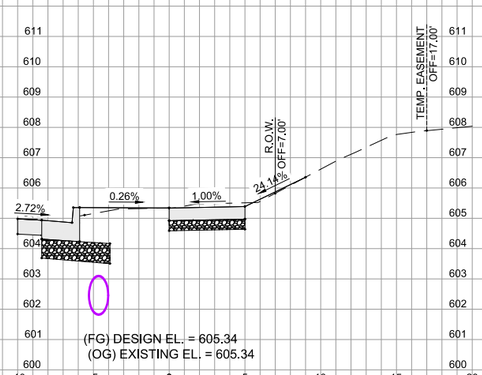
STA.= 216+80



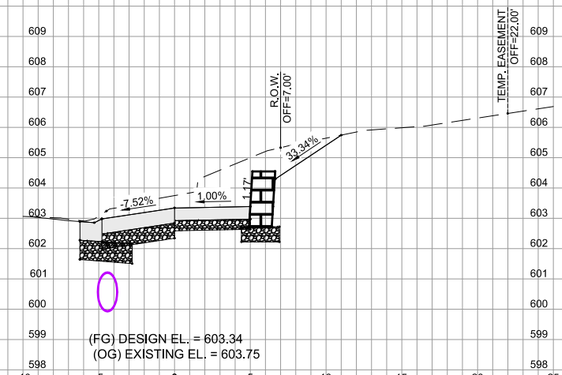
STA.= 217+40



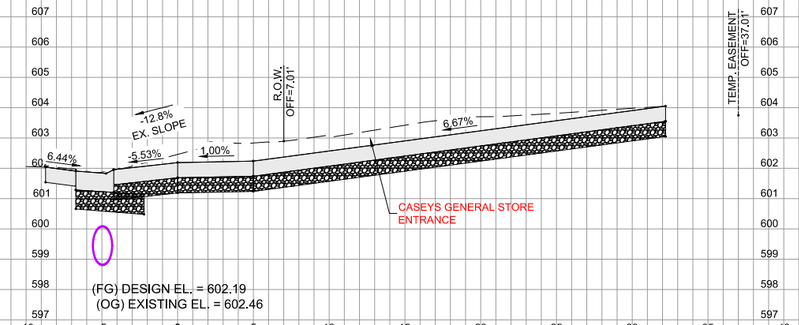
STA.= 218+00



STA.= 216+50



STA.= 217+25



STA.= 217+85

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

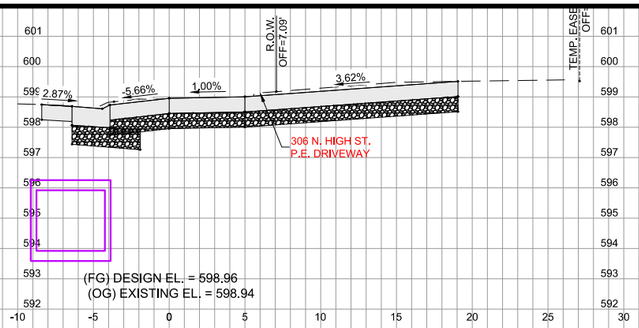
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 159 OF 190SHEETS | STA. | TO STA.

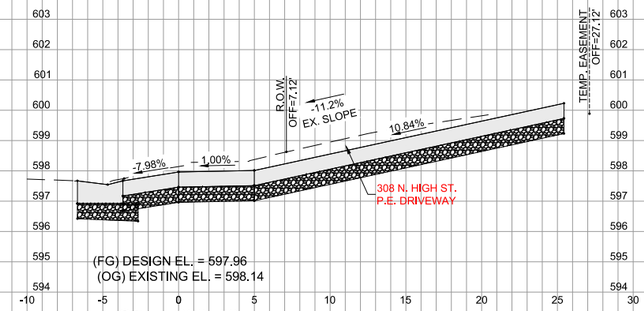
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	159

CONTRACT NO. 85697

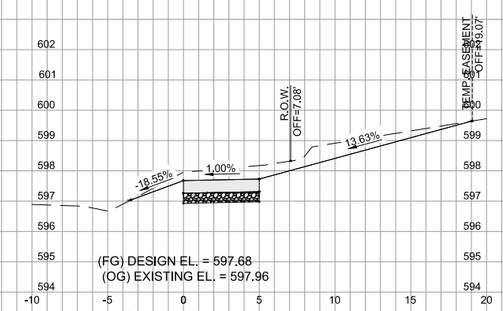
ILLINOIS FED. AID PROJECT



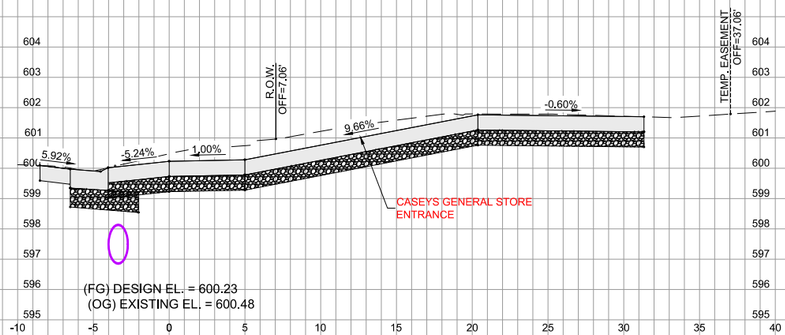
STA.= 219+75



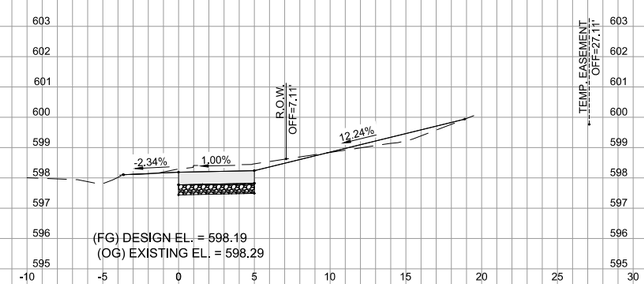
STA.= 220+50



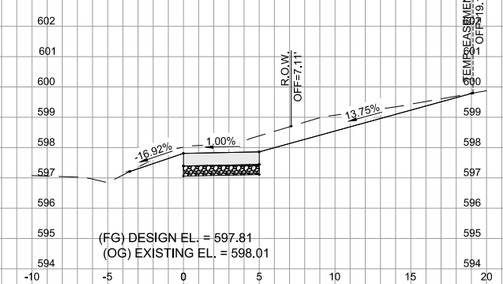
STA.= 221+50



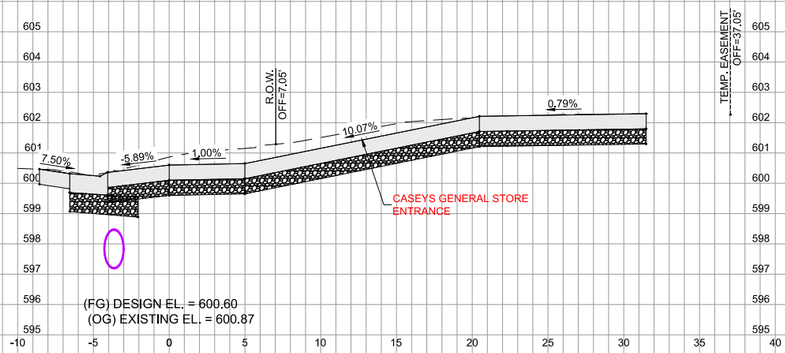
STA.= 219+00



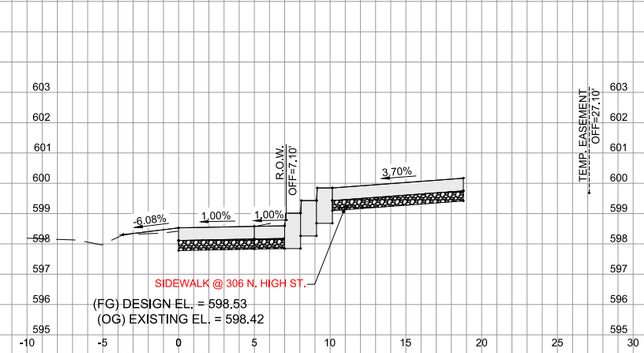
STA.= 220+25



STA.= 221+25



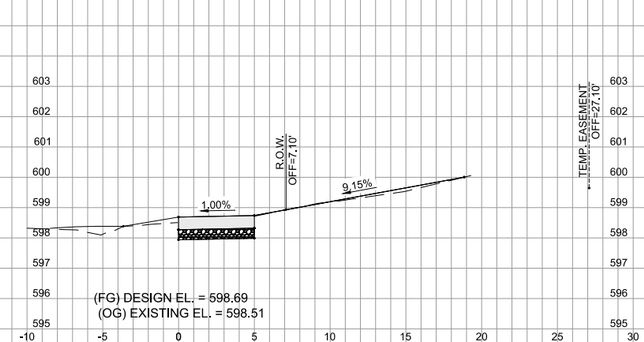
STA.= 218+80



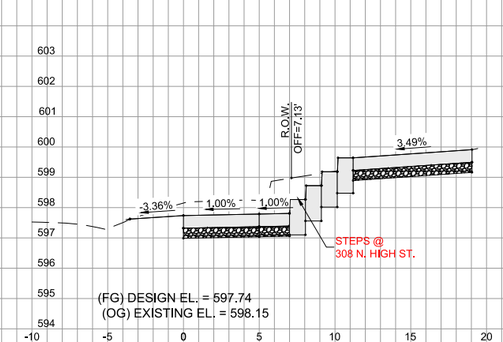
STA.= 220+08

STA.= 221+00

STA.= 218+50



STA.= 220+00



STA.= 220+75

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 23-Jan-19	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

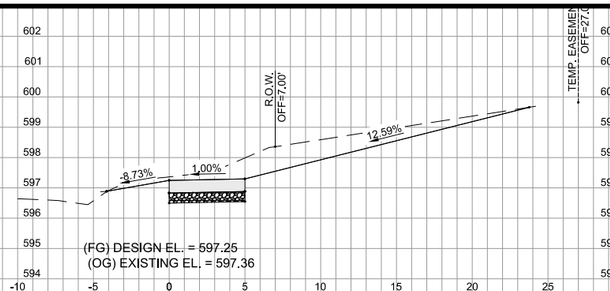
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 160 OF 190SHEETS | STA. | TO STA.

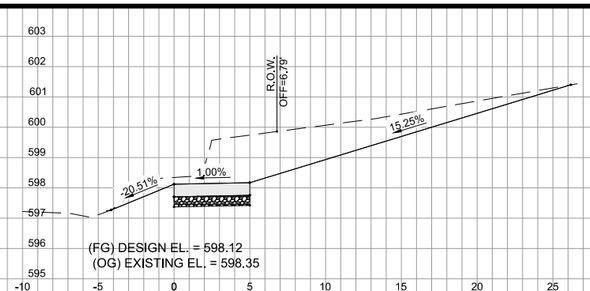
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	160

CONTRACT NO. 85697

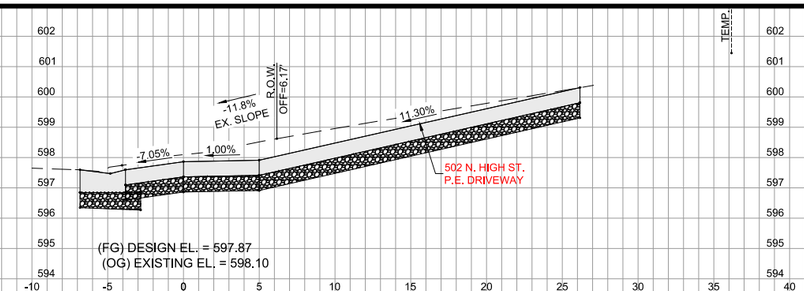
ILLINOIS FED. AID PROJECT



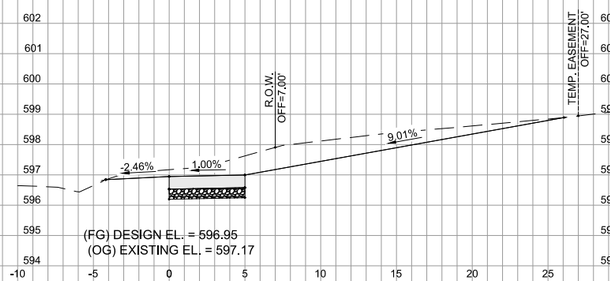
STA.= 222+75



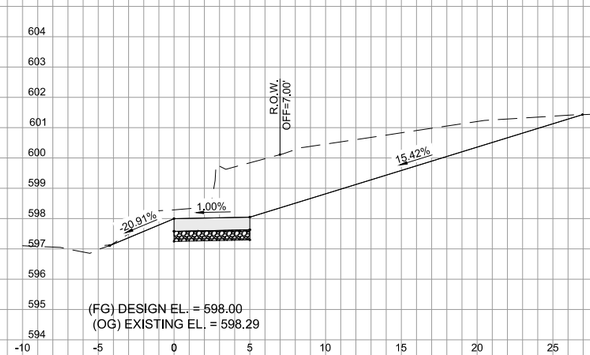
STA.= 223+75



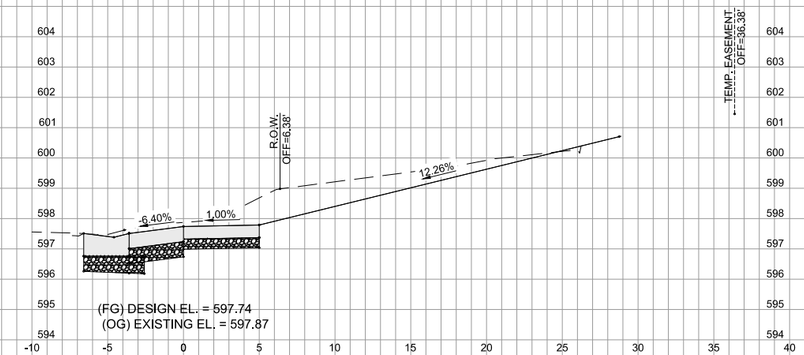
STA.= 224+50



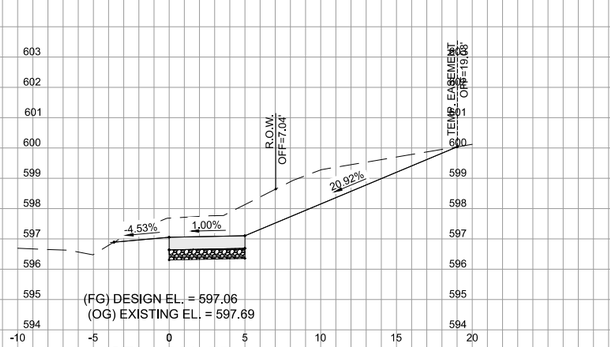
STA.= 222+60



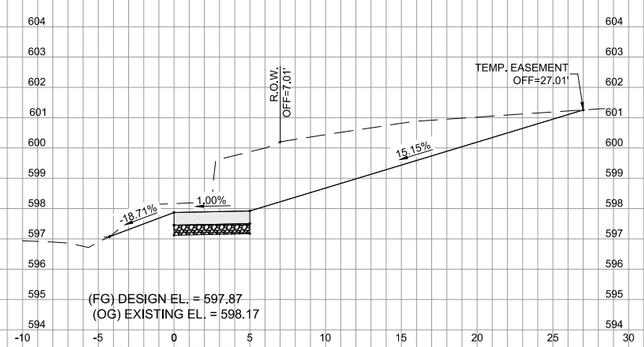
STA.= 223+50



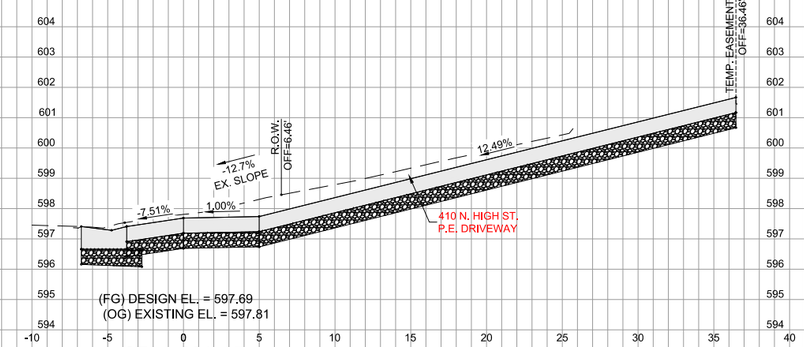
STA.= 224+25



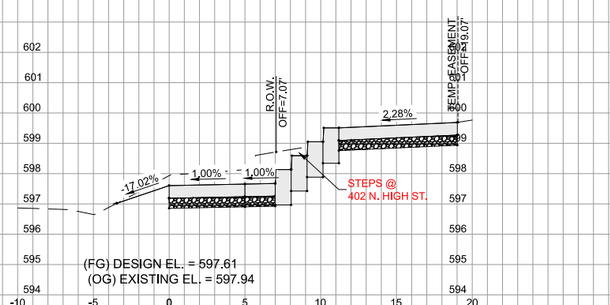
STA.= 221+75



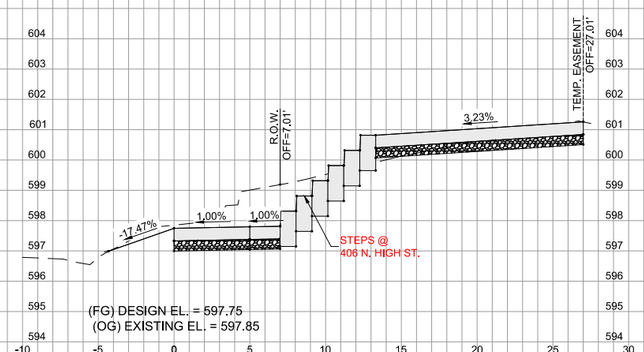
STA.= 223+25



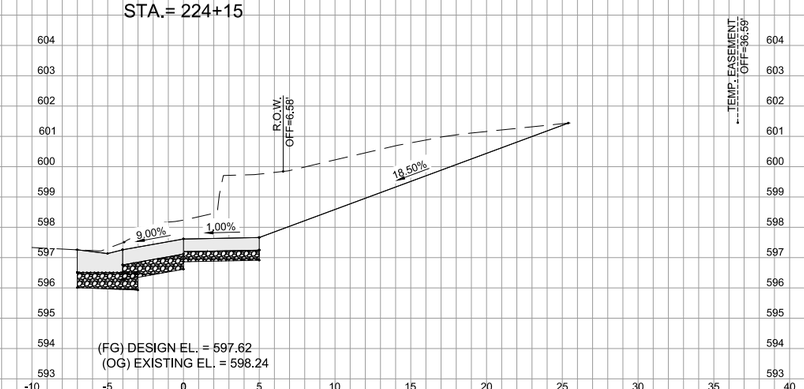
STA.= 224+15



STA.= 221+53



STA.= 223+00



STA.= 224+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

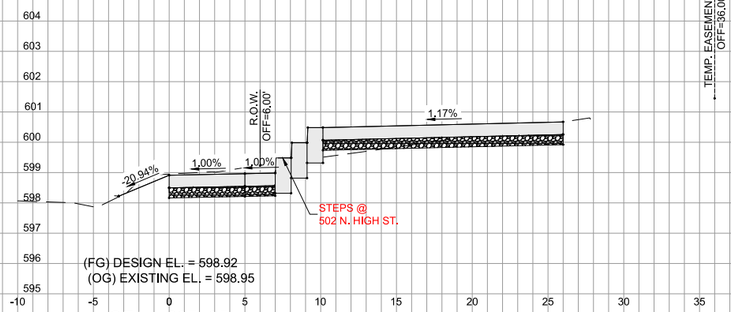
PLOT DATE - 23-Jan-19	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

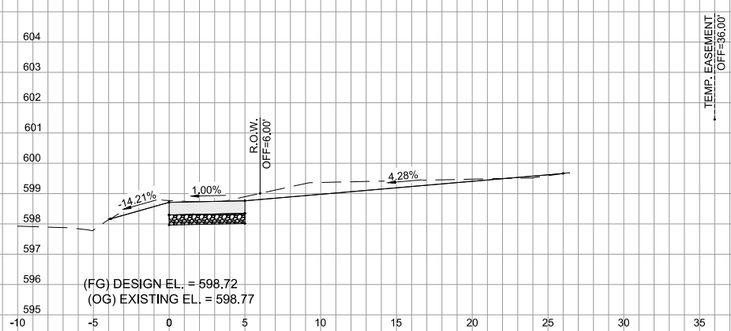
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 161 OF 190SHEETS | STA. | TO STA.

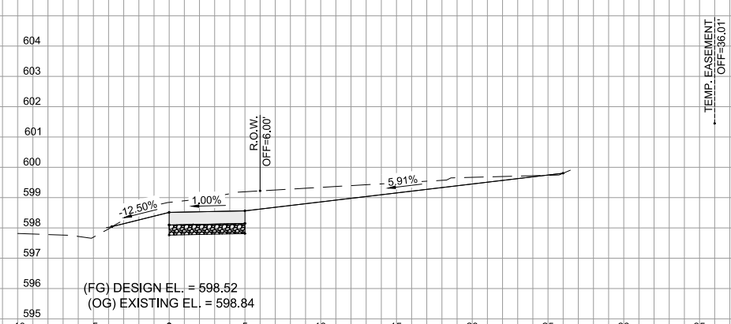
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	161
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



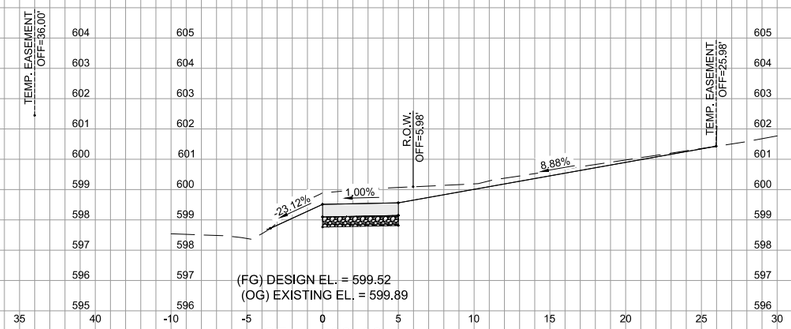
STA.= 225+25



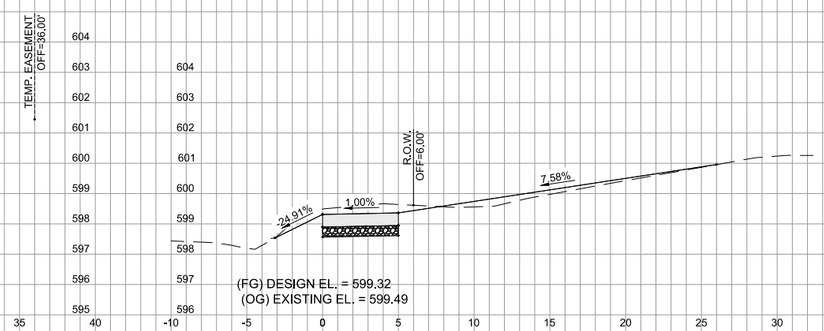
STA.= 225+00



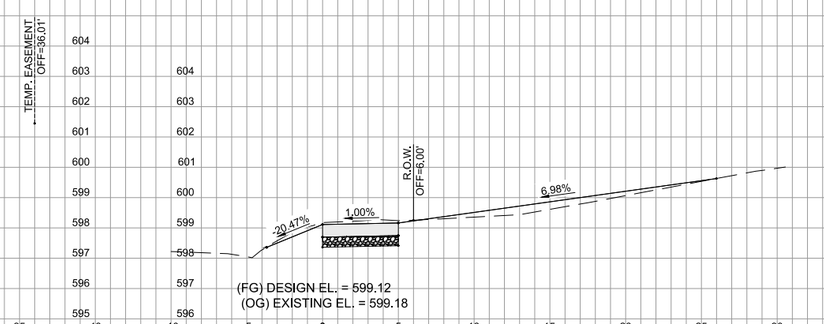
STA.= 224+75



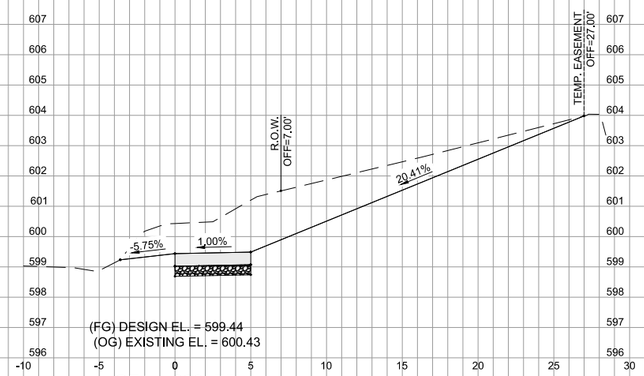
STA.= 226+00



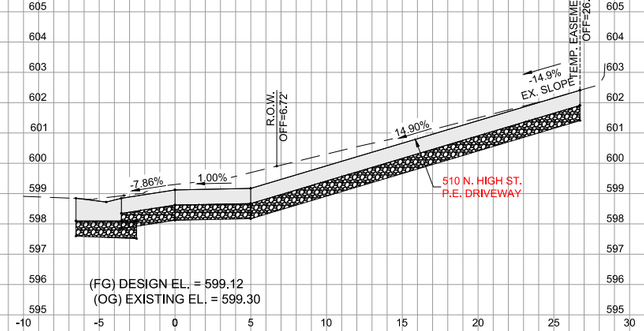
STA.= 225+75



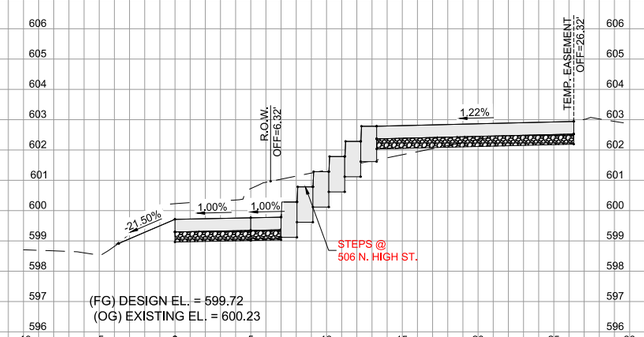
STA.= 225+50



STA.= 226+75



STA.= 226+55



STA.= 226+25

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - SIDEWALK

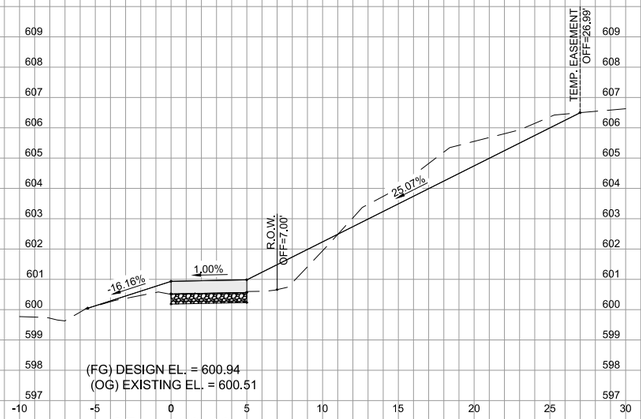
SCALE: | SHEET NO. 162 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	162

CONTRACT NO. 85697

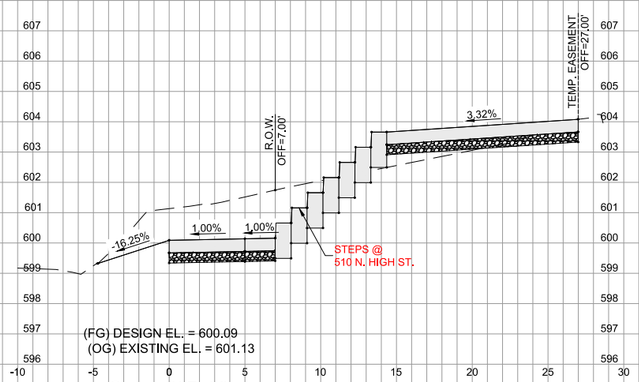
ILLINOIS FED. AID PROJECT

STA.= 227+25

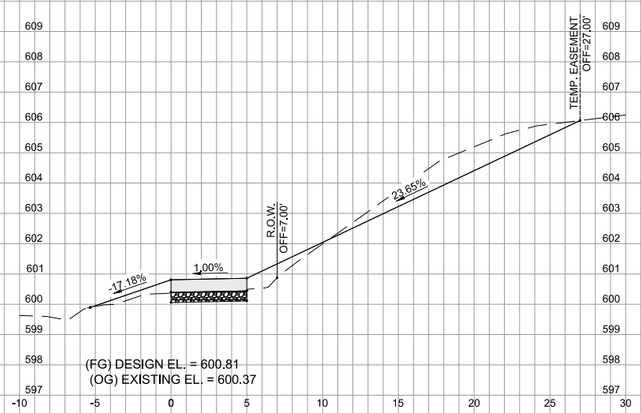


STA.= 228+00

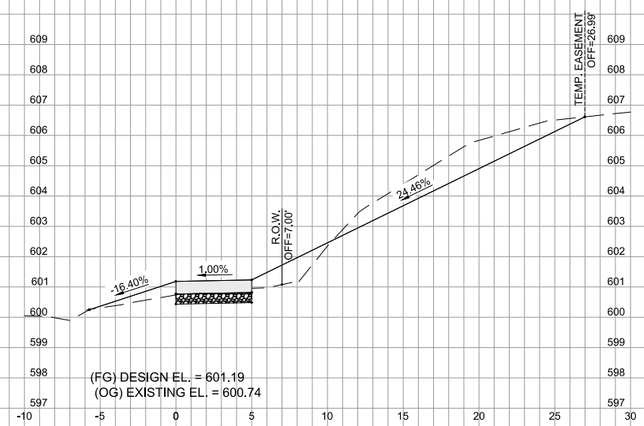
STA.= 228+75



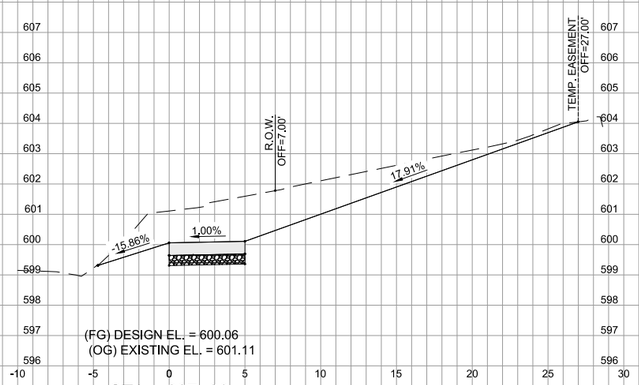
STA.= 227+03



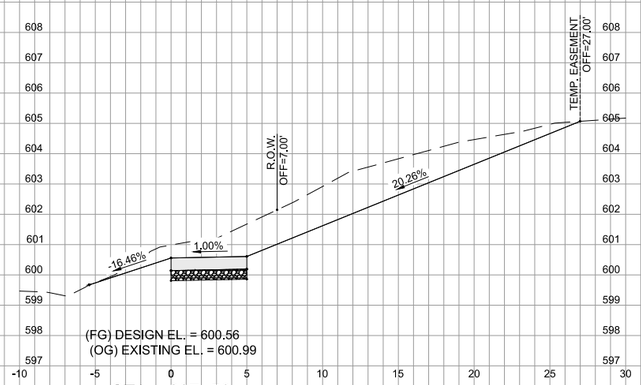
STA.= 227+75



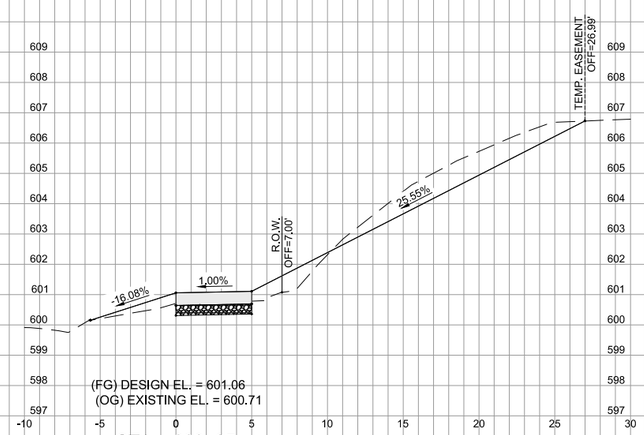
STA.= 228+50



STA.= 227+00



STA.= 227+50



STA.= 228+25

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

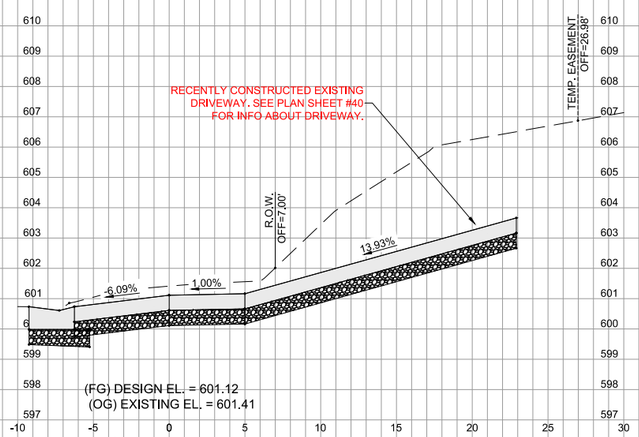
CROSS SECTIONS - SIDEWALK

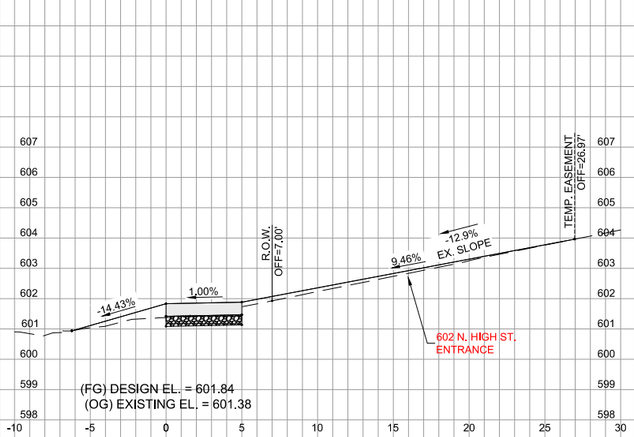
SCALE: | SHEET NO. 163 OF 190SHEETS | STA. | TO STA.

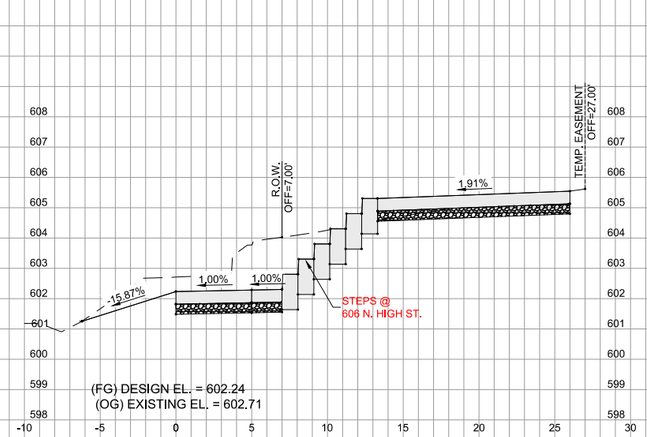
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	163

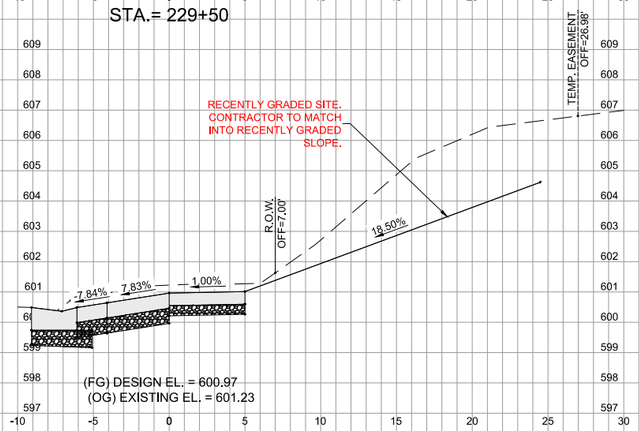
CONTRACT NO. 85697

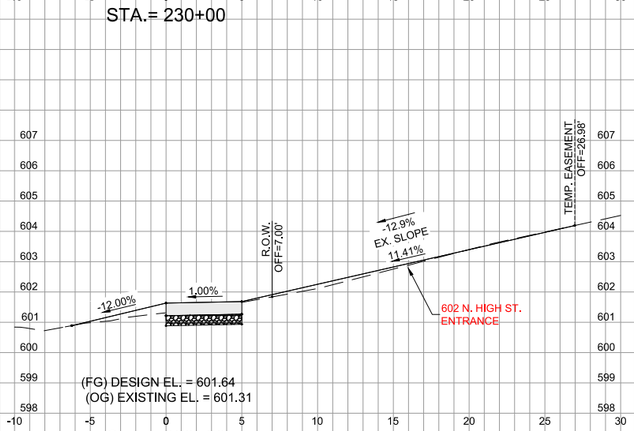
ILLINOIS FED. AID PROJECT

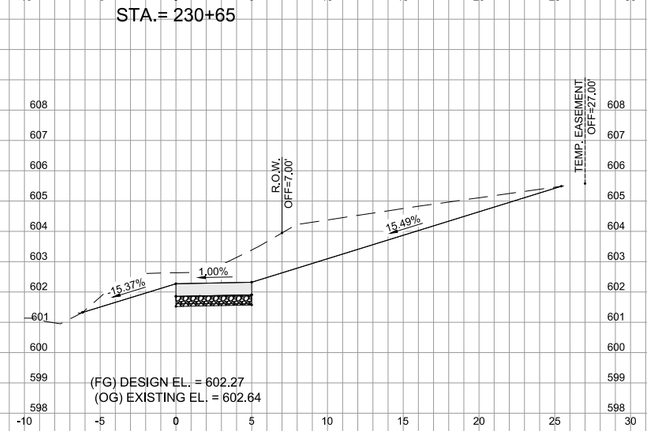


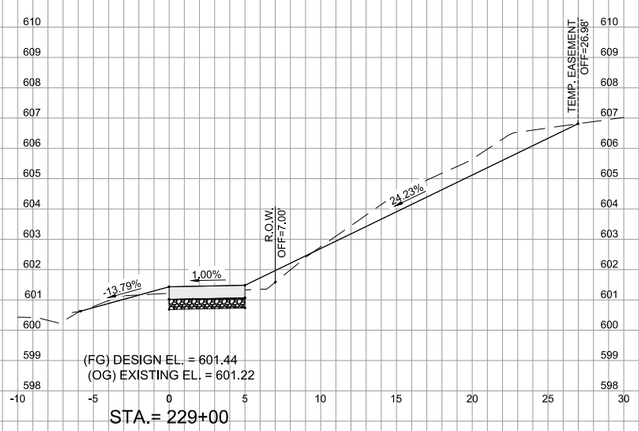


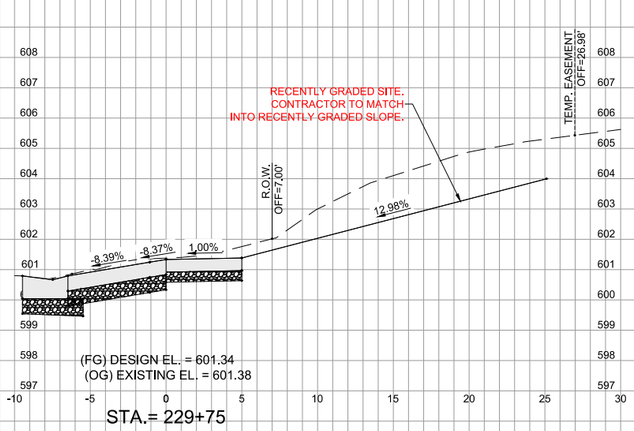


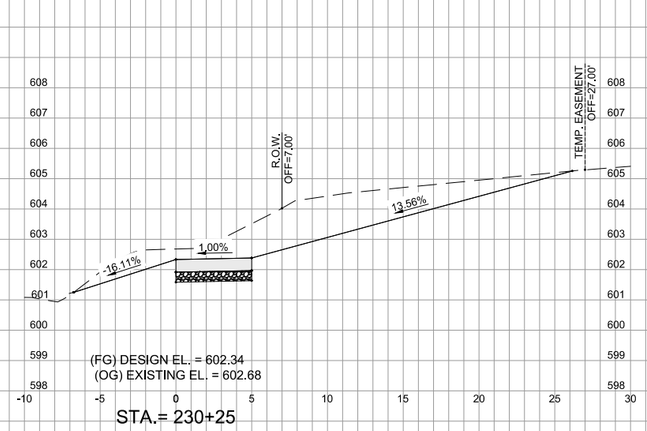












MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 1-Nov-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

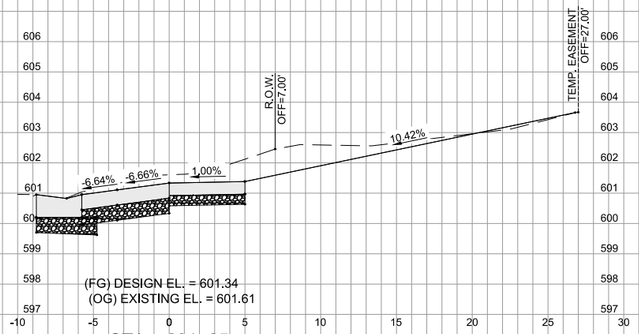
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 164 OF 190SHEETS | STA. | TO STA.

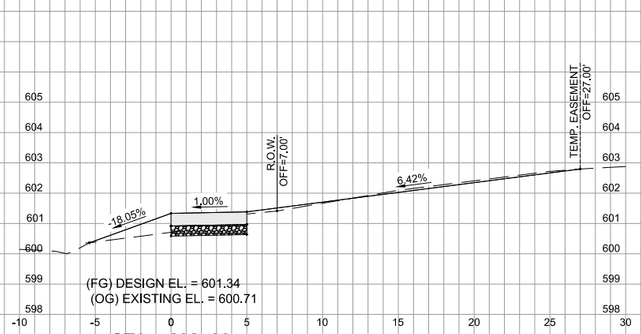
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	164

CONTRACT NO. 85697

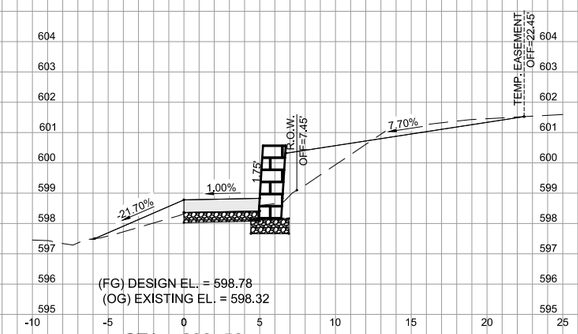
ILLINOIS FED. AID PROJECT



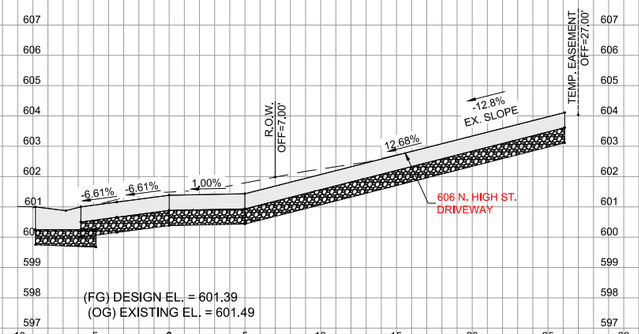
STA.= 231+25



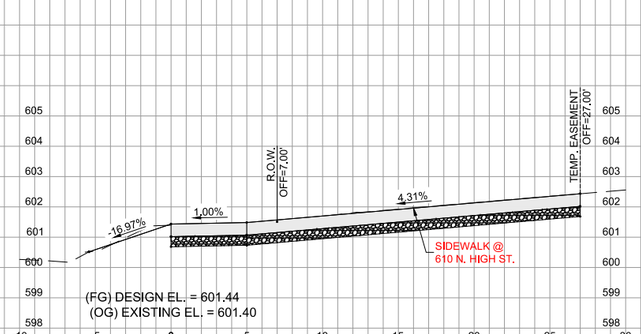
STA.= 232+00



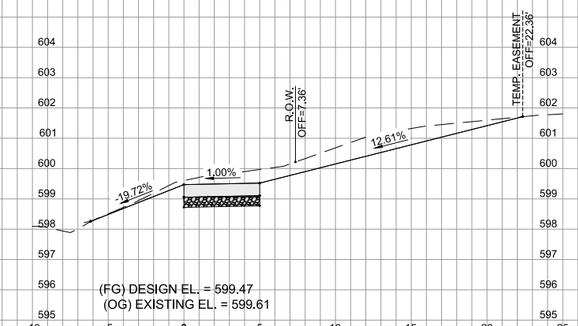
STA.= 233+50



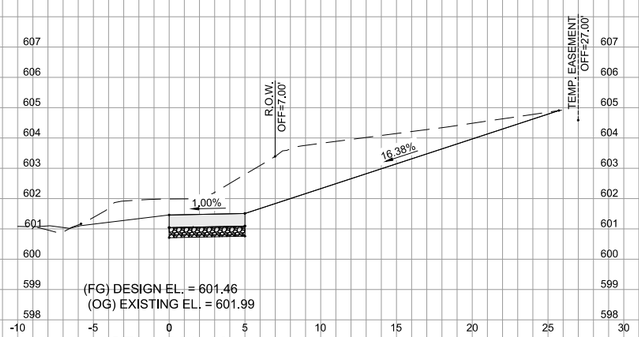
STA.= 231+15



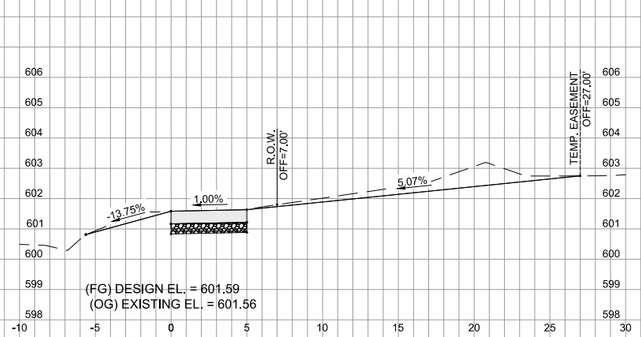
STA.= 231+90



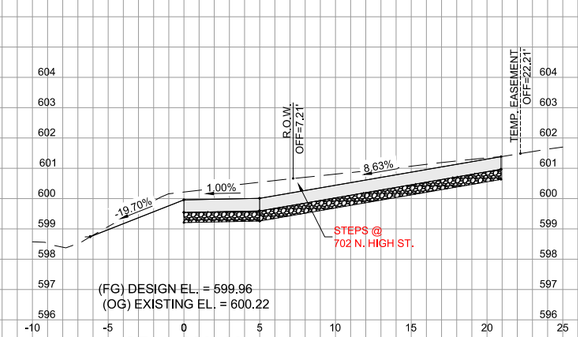
STA.= 233+25



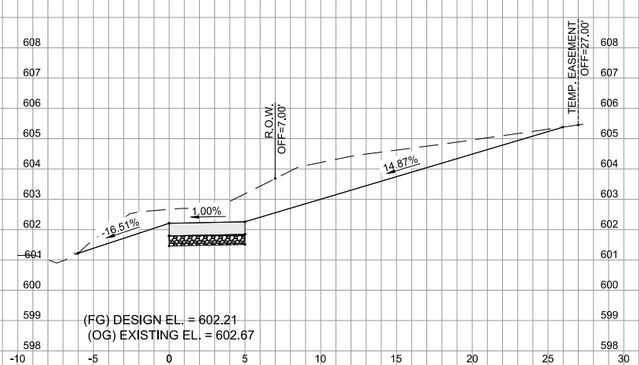
STA.= 231+00



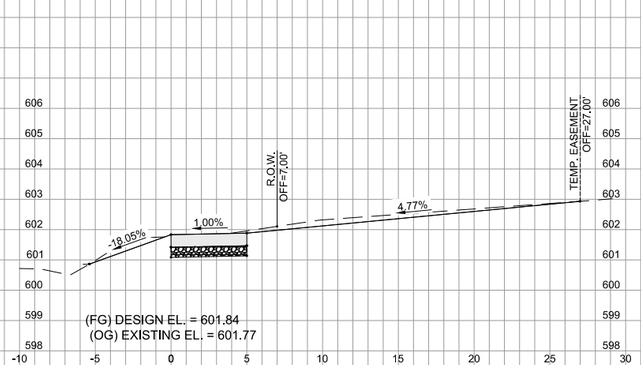
STA.= 231+75



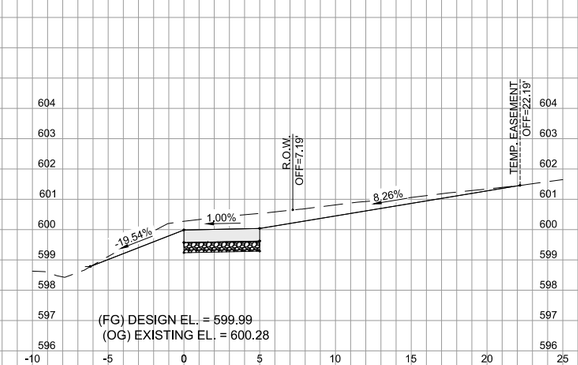
STA.= 233+03



STA.= 230+75



STA.= 231+50



STA.= 233+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

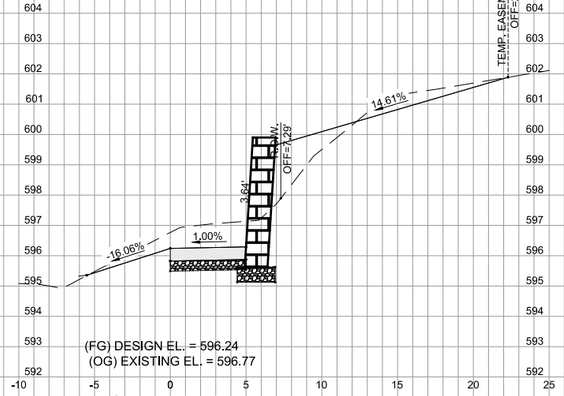
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - SIDEWALK

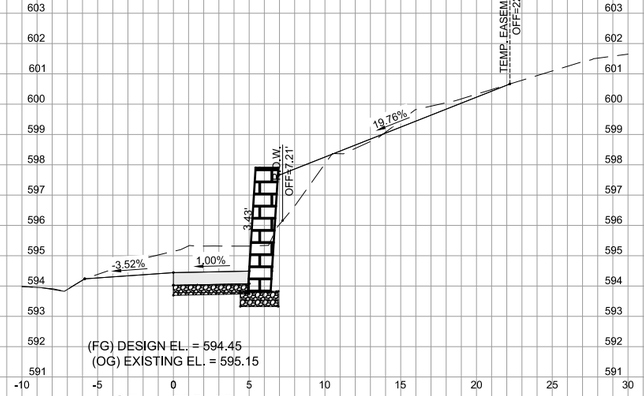
SCALE: | SHEET NO. 165 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	165
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

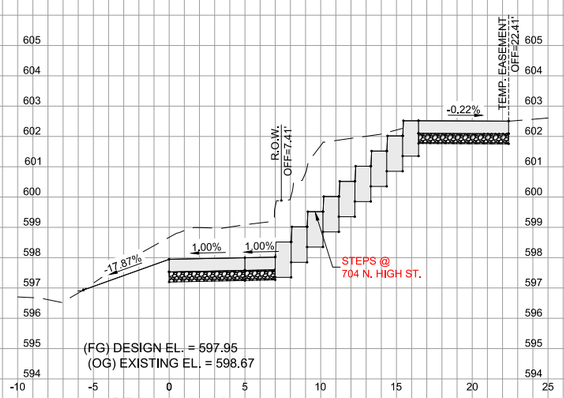
STA.= 234+00



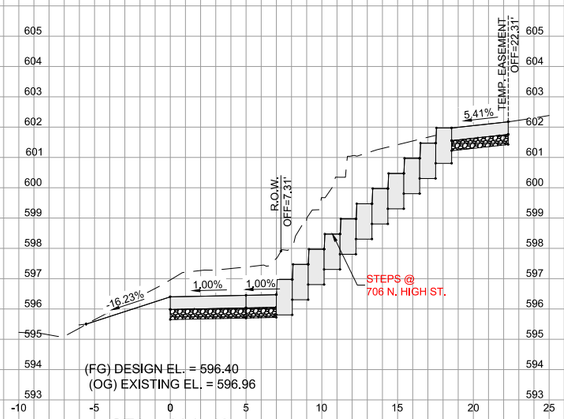
STA.= 234+50



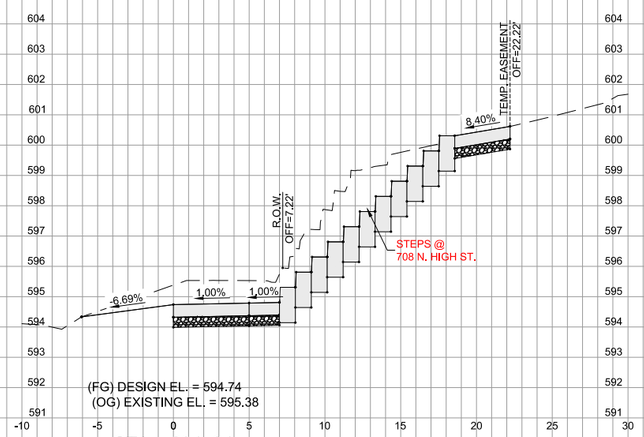
STA.= 235+00



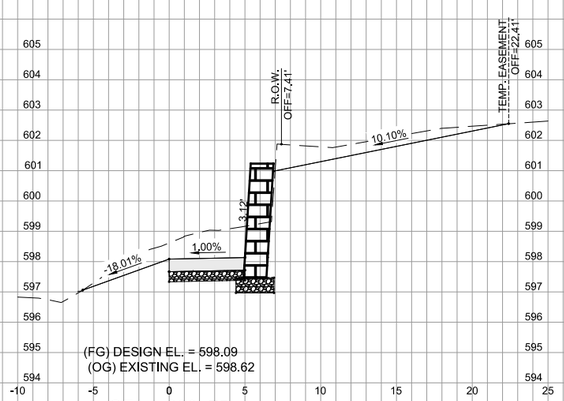
STA.= 233+80



STA.= 234+43

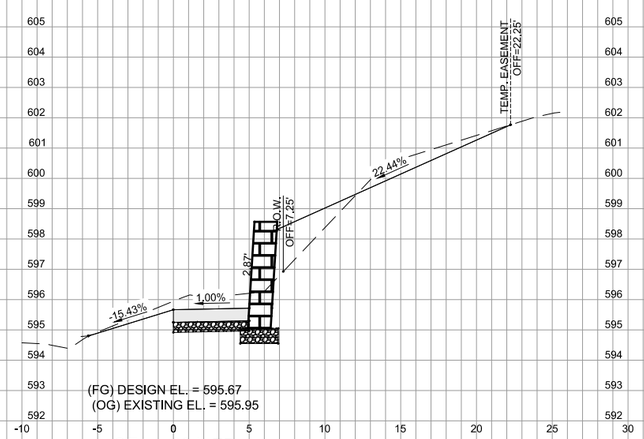


STA.= 234+94



STA.= 233+75

STA.= 234+25



STA.= 234+75

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

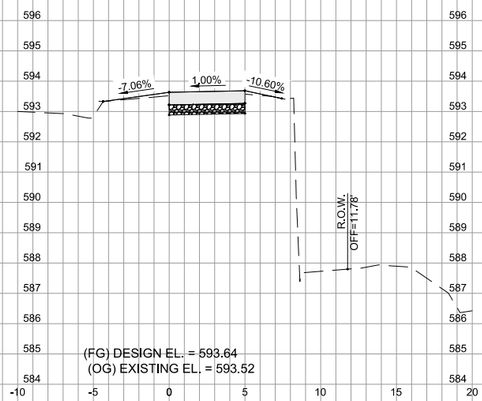
PLOT DATE - 22-Jan-19	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

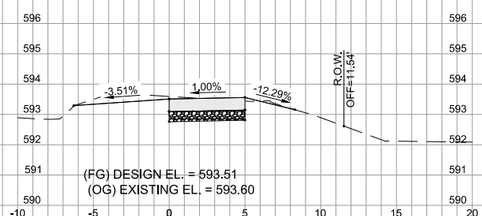
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 166 OF 190SHEETS | STA. | TO STA.

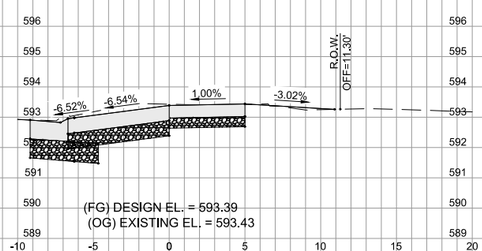
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	166
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



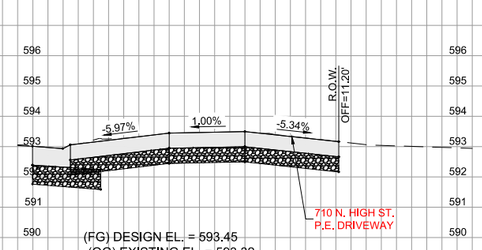
STA.= 236+25



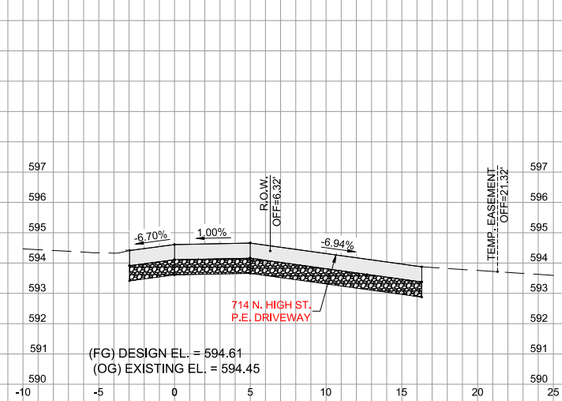
STA.= 236+00



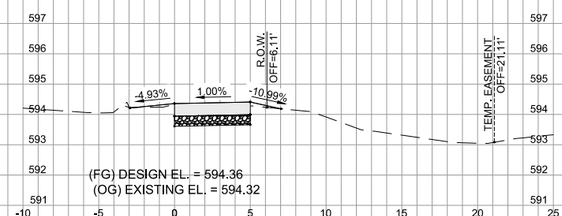
STA.= 235+75



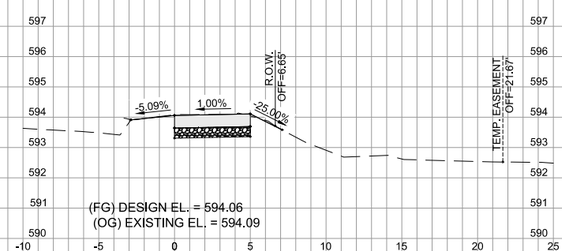
STA.= 235+65



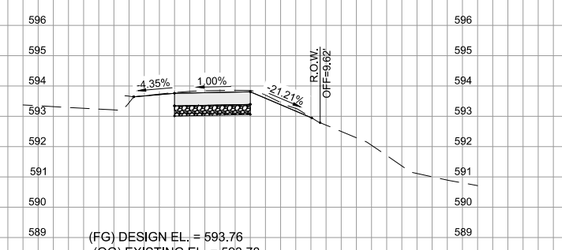
STA.= 237+10



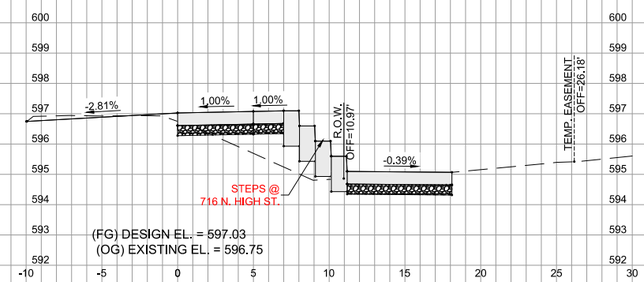
STA.= 237+00



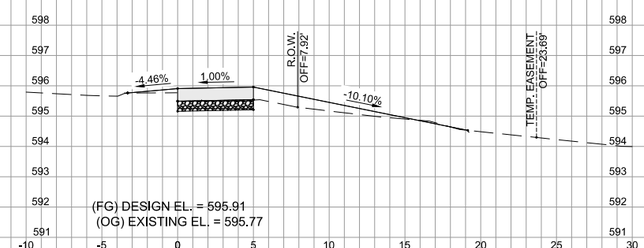
STA.= 236+75



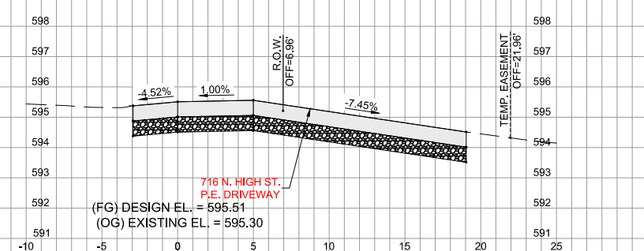
STA.= 236+50



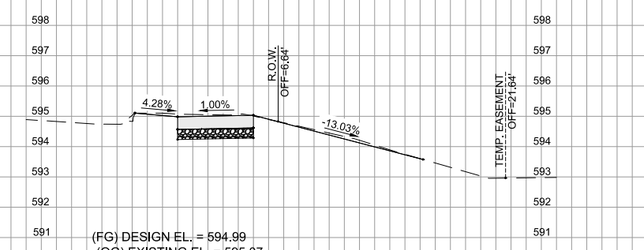
STA.= 237+75



STA.= 237+50



STA.= 237+40



STA.= 237+25

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 4-Feb-19	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

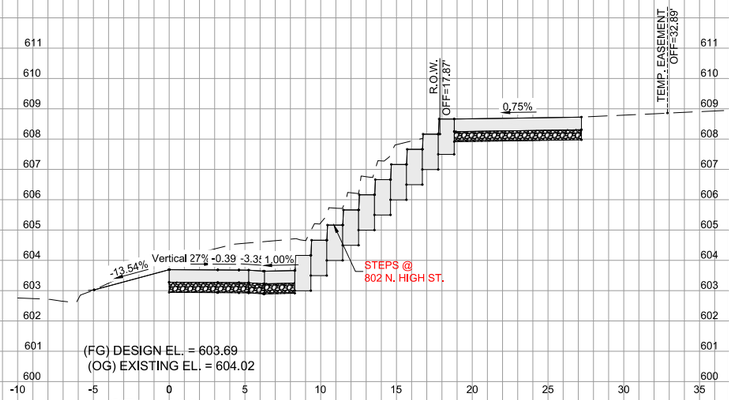
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 167 OF 190SHEETS | STA. | TO STA.

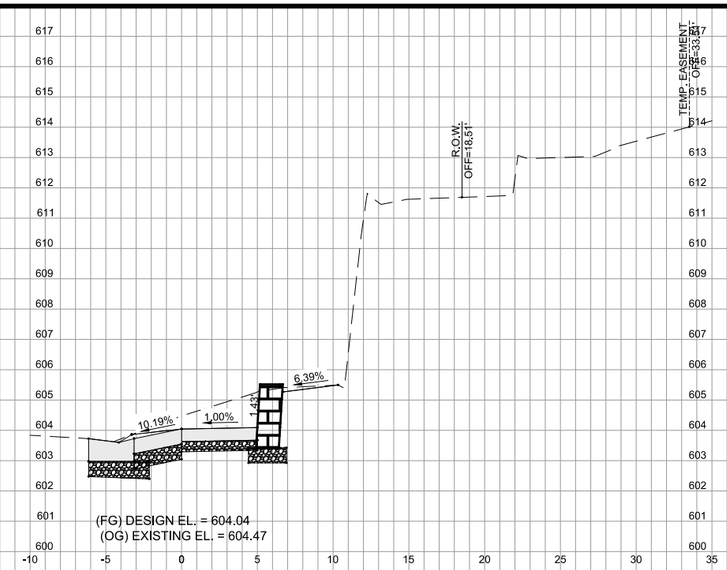
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	167

CONTRACT NO. 85697

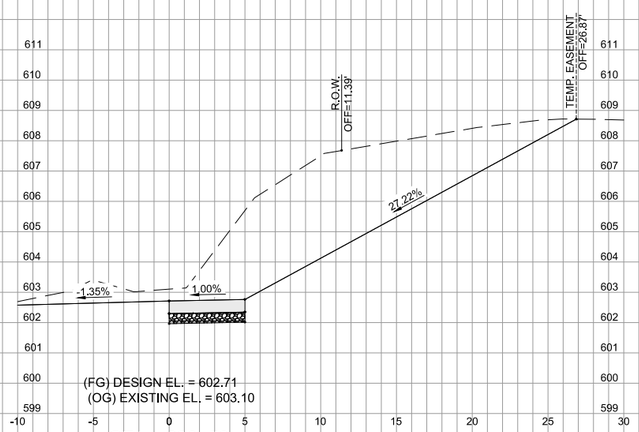
ILLINOIS FED. AID PROJECT



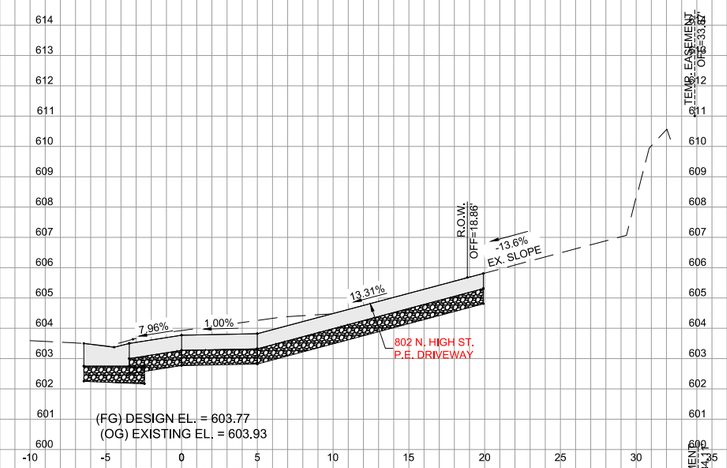
STA.= 239+75



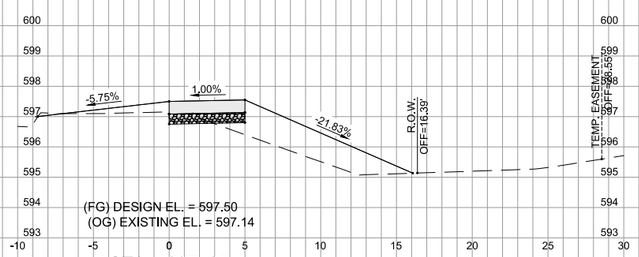
STA.= 240+25



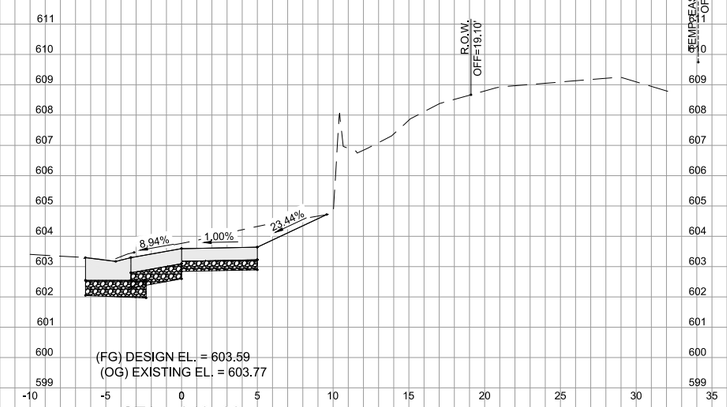
STA.= 239+50



STA.= 240+10



STA.= 237+85



STA.= 240+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

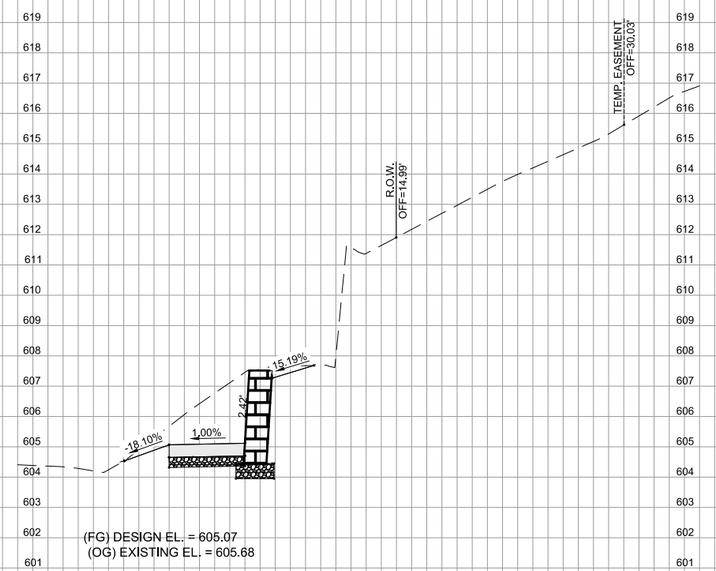
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 168 OF 190SHEETS | STA. | TO STA.

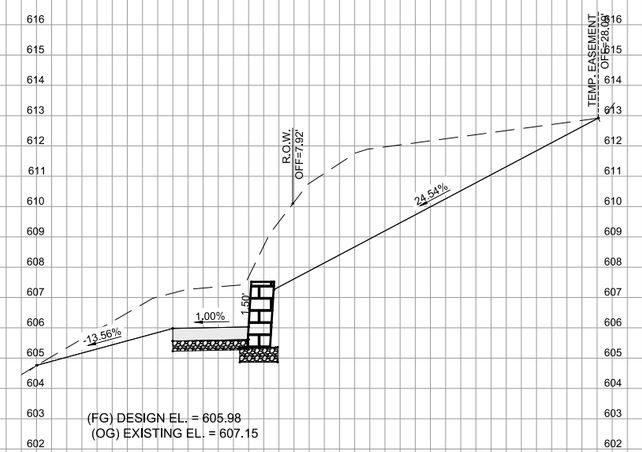
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	168

CONTRACT NO. 85697

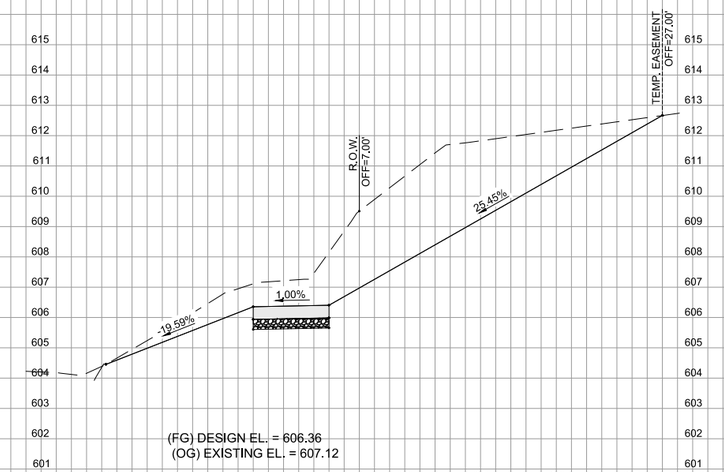
ILLINOIS FED. AID PROJECT



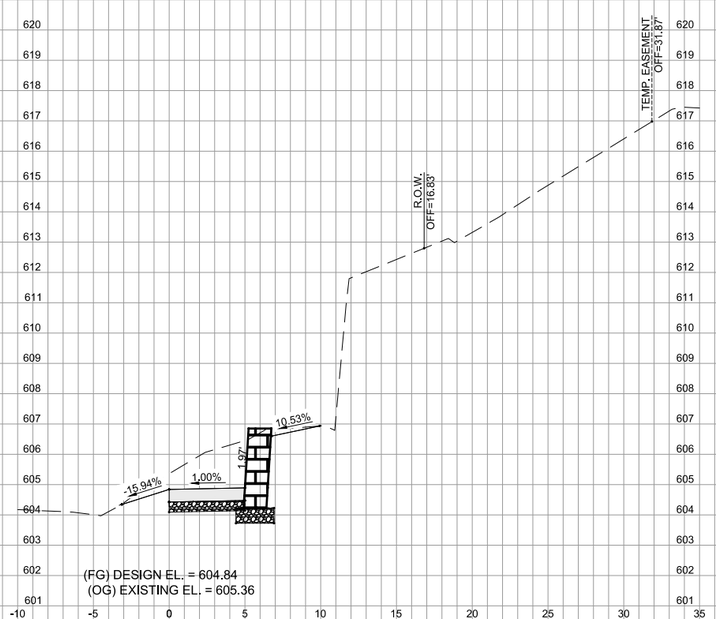
STA.= 240+75



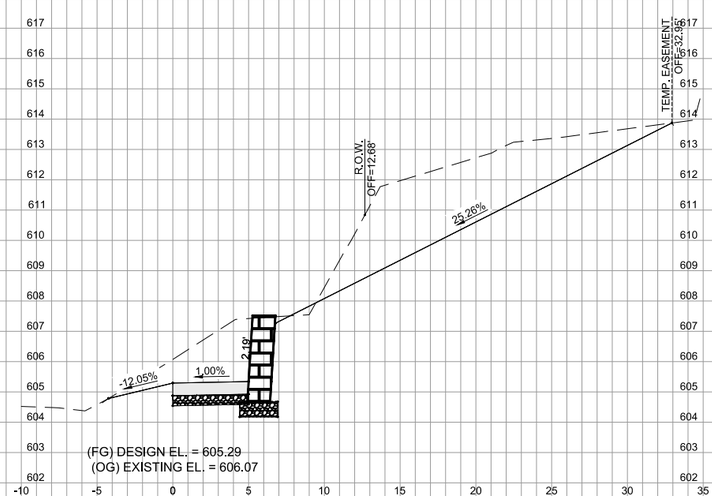
STA.= 241+25



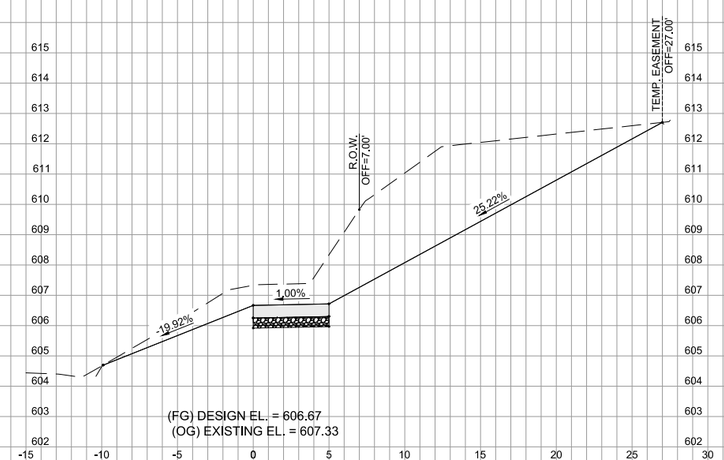
STA.= 241+75



STA.= 240+50



STA.= 241+00



STA.= 241+50

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 23-Jan-19	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

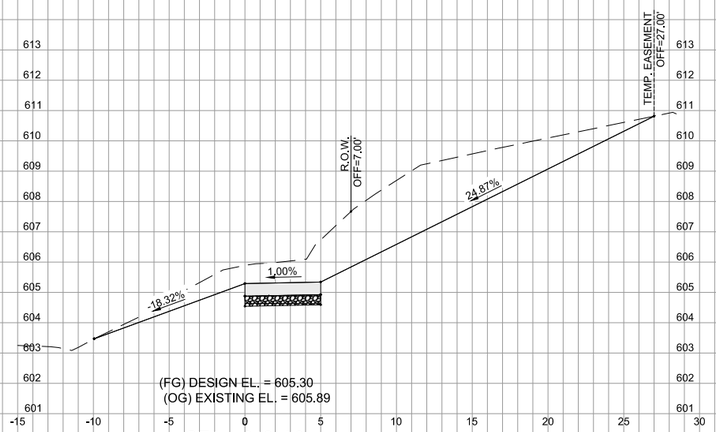
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 169 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	169

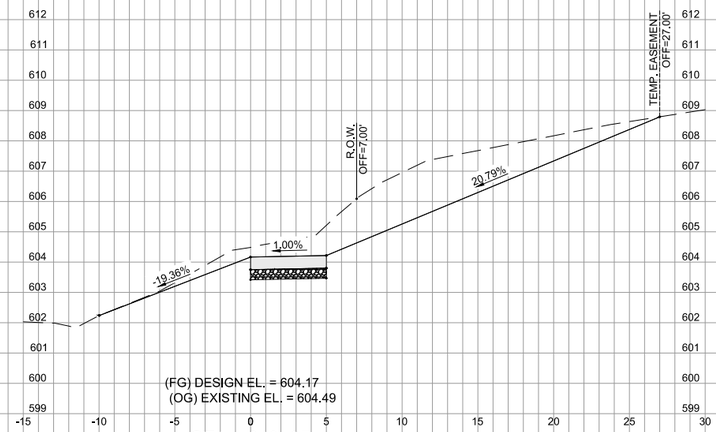
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



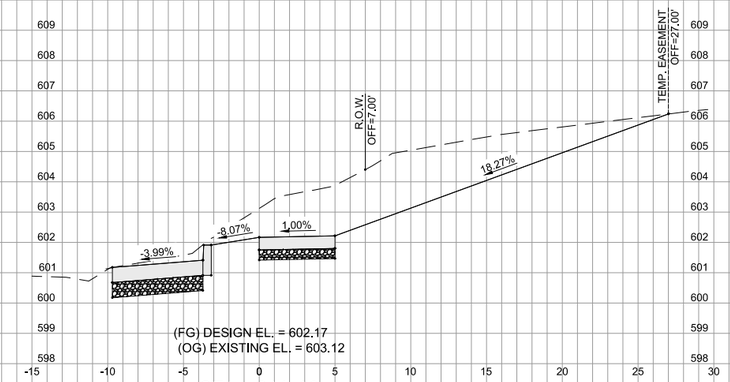
(FG) DESIGN EL. = 605.30
(OG) EXISTING EL. = 605.89

STA.= 242+50



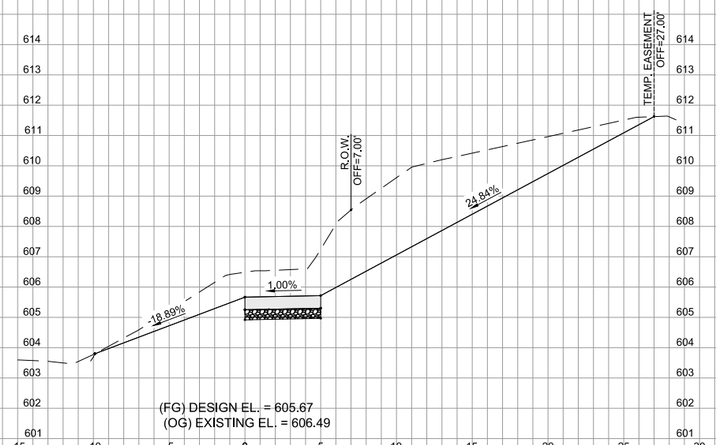
(FG) DESIGN EL. = 604.17
(OG) EXISTING EL. = 604.49

STA.= 243+25



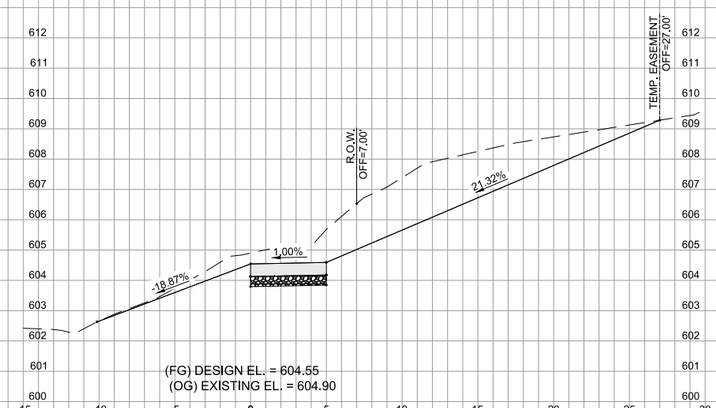
(FG) DESIGN EL. = 602.17
(OG) EXISTING EL. = 603.12

STA.= 244+00



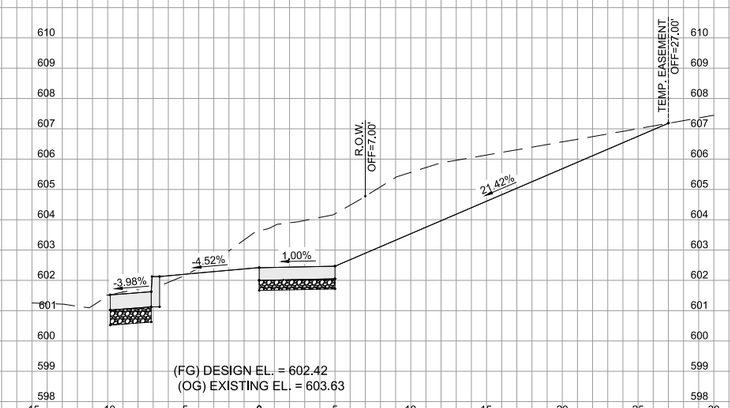
(FG) DESIGN EL. = 605.67
(OG) EXISTING EL. = 606.49

STA.= 242+25



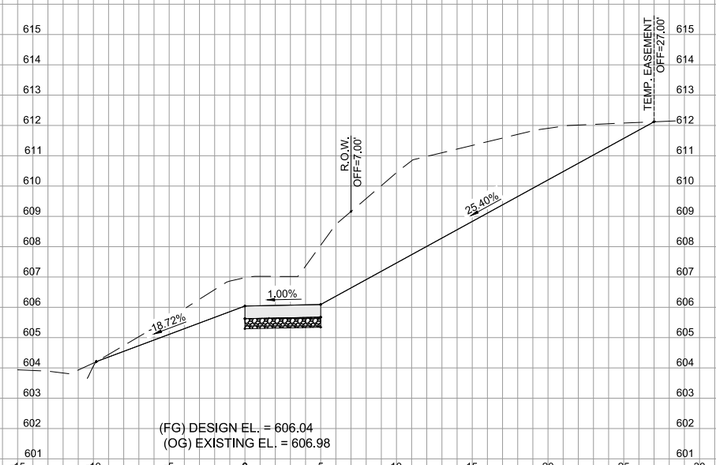
(FG) DESIGN EL. = 604.55
(OG) EXISTING EL. = 604.90

STA.= 243+00



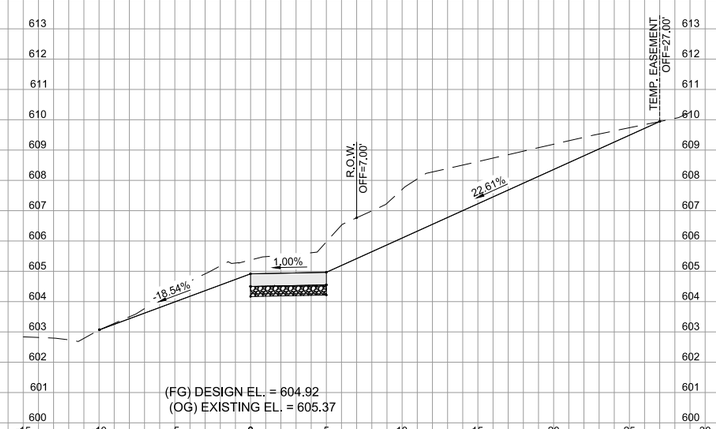
(FG) DESIGN EL. = 602.42
(OG) EXISTING EL. = 603.63

STA.= 243+75



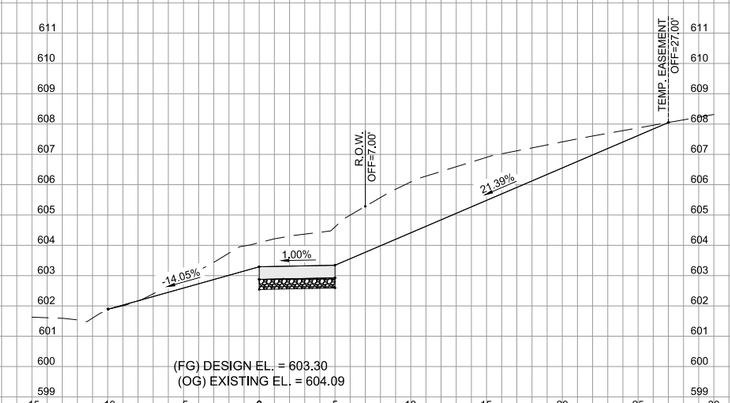
(FG) DESIGN EL. = 606.04
(OG) EXISTING EL. = 606.98

STA.= 242+00



(FG) DESIGN EL. = 604.92
(OG) EXISTING EL. = 605.37

STA.= 242+75



(FG) DESIGN EL. = 603.30
(OG) EXISTING EL. = 604.09

STA.= 243+50

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 1-Nov-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

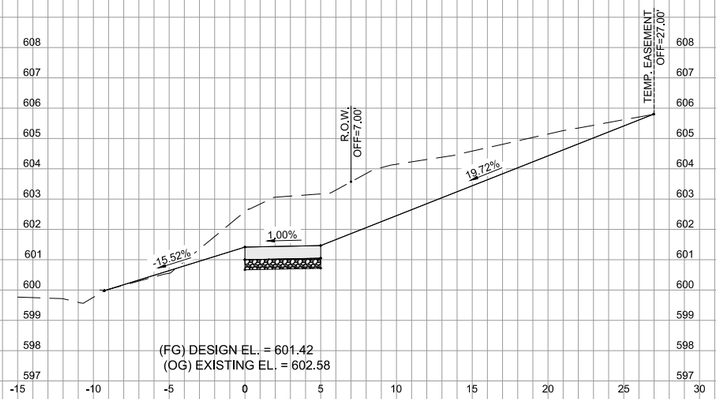
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 170 OF 190SHEETS | STA. | TO STA.

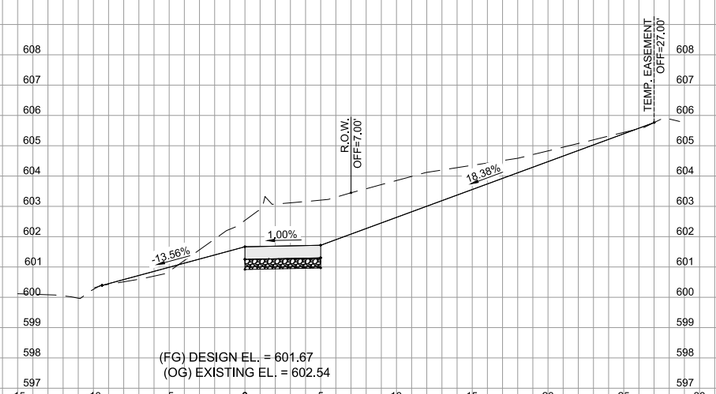
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	170

CONTRACT NO. 85697

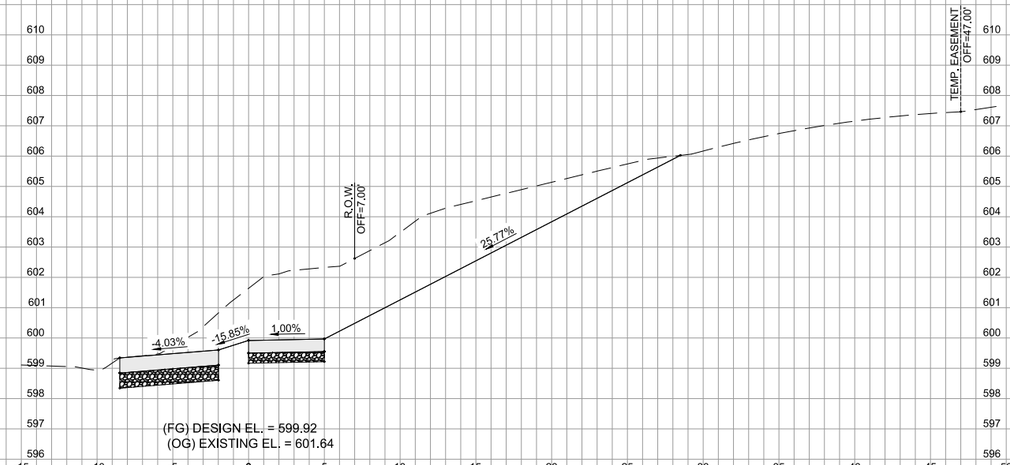
ILLINOIS FED. AID PROJECT



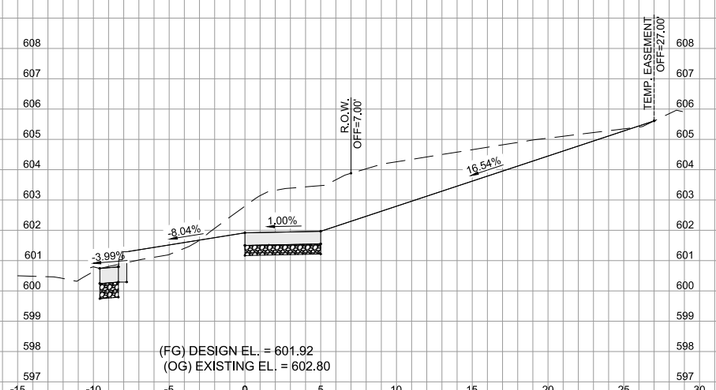
STA.= 244+75



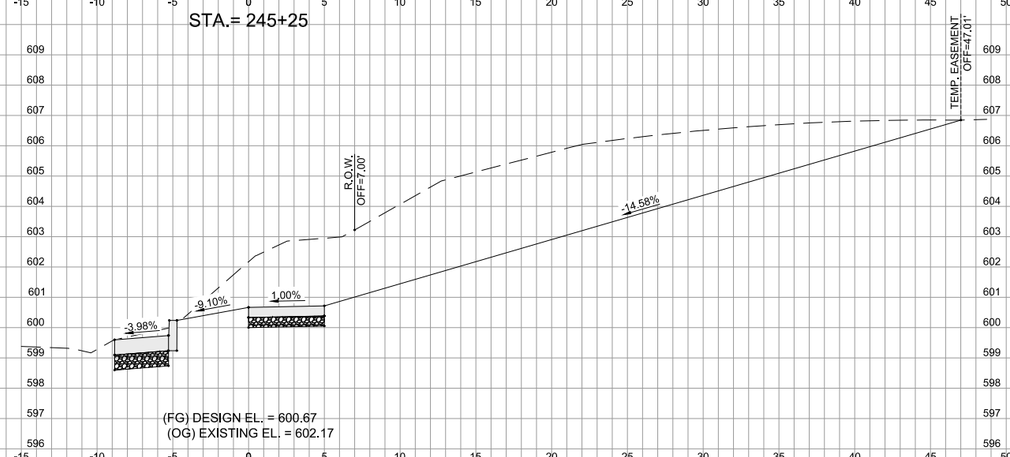
STA.= 244+50



STA.= 245+25



STA.= 244+25



STA.= 245+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

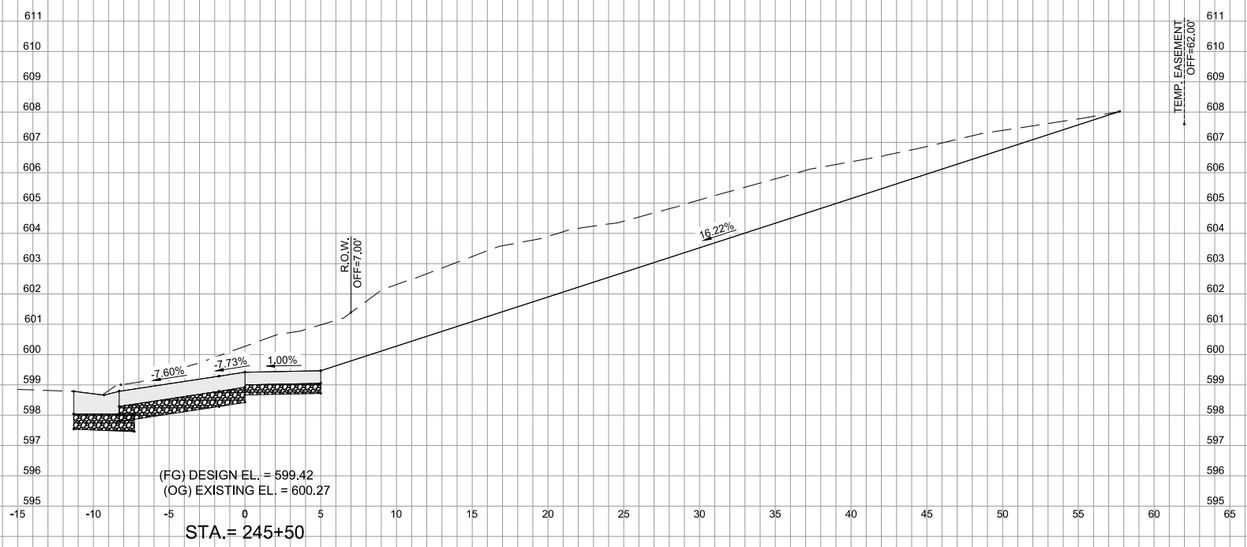
PLOT DATE - 4-Feb-19	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

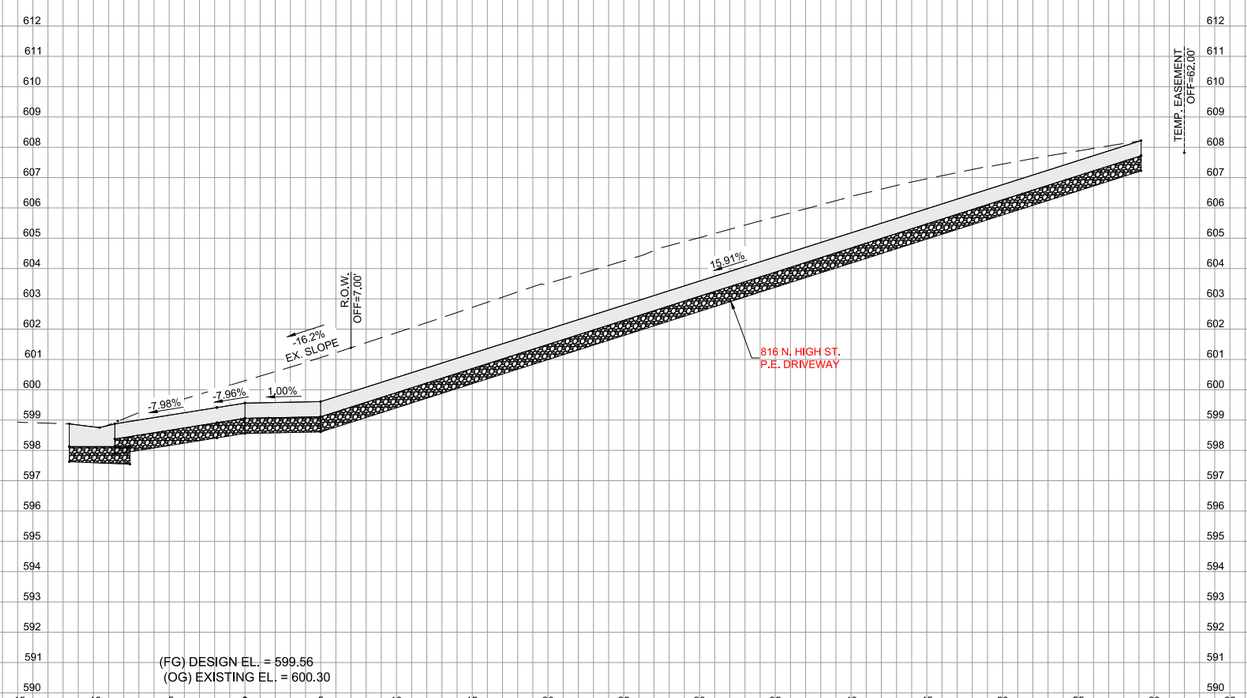
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 171 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	171
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



STA.= 245+50



STA.= 245+43

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

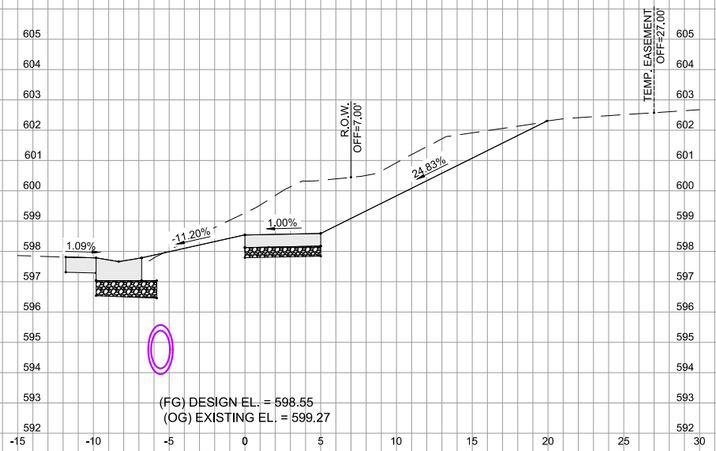
PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

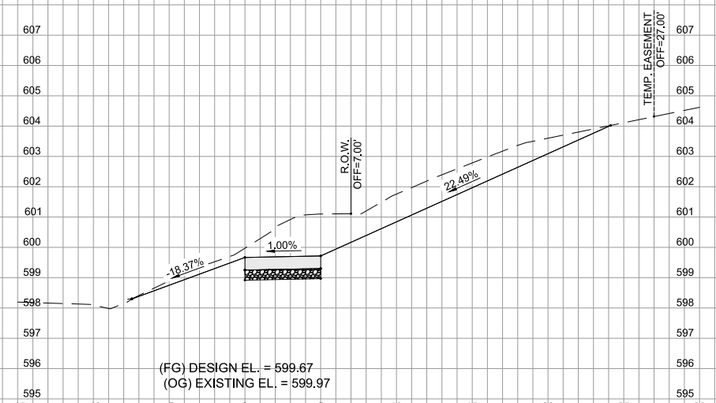
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 172 OF 190SHEETS | STA. | TO STA.

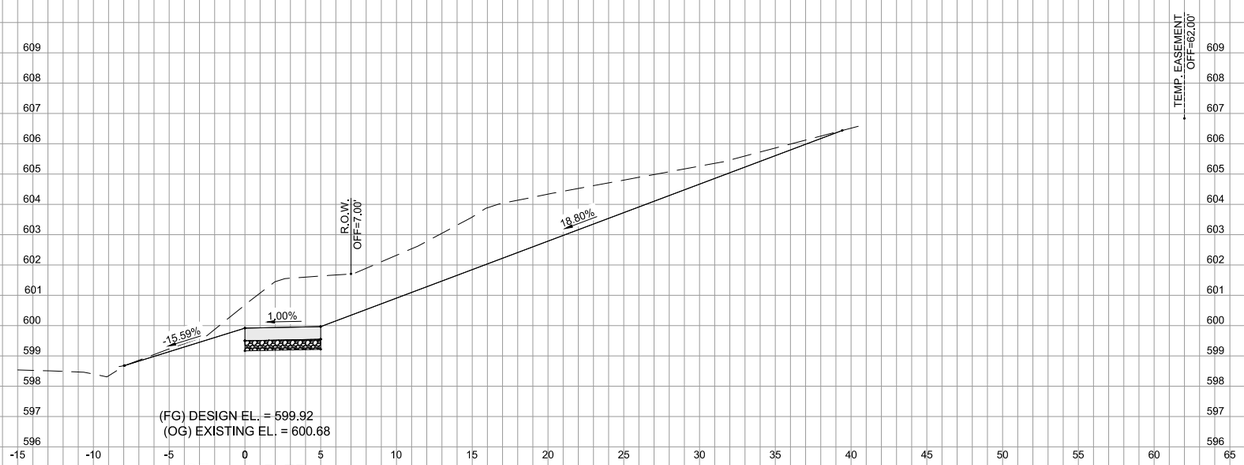
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	172
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



STA.= 246+25



STA.= 246+00



STA.= 245+75

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

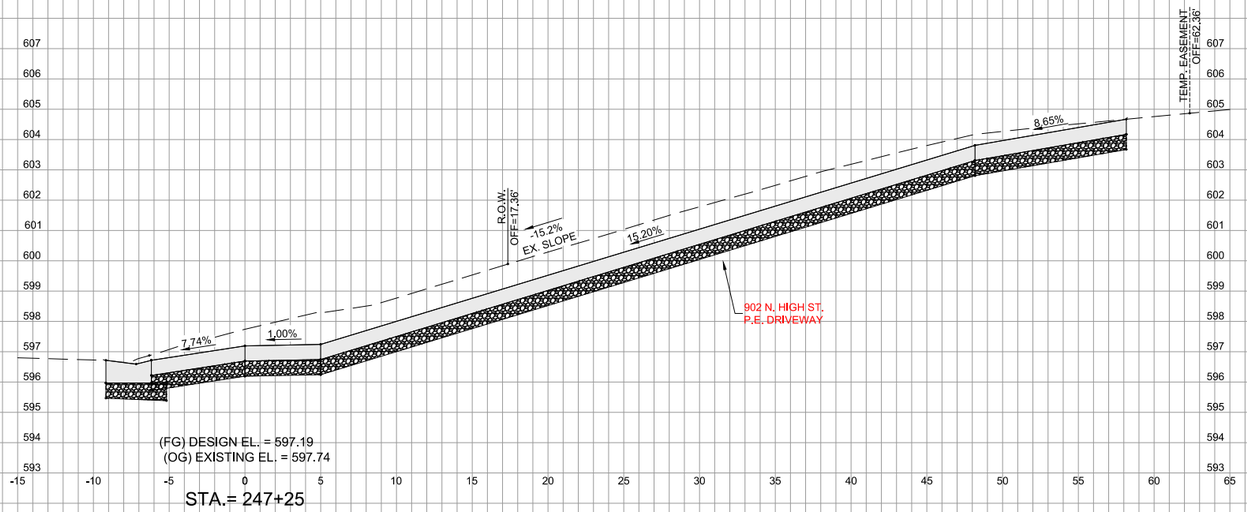
PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

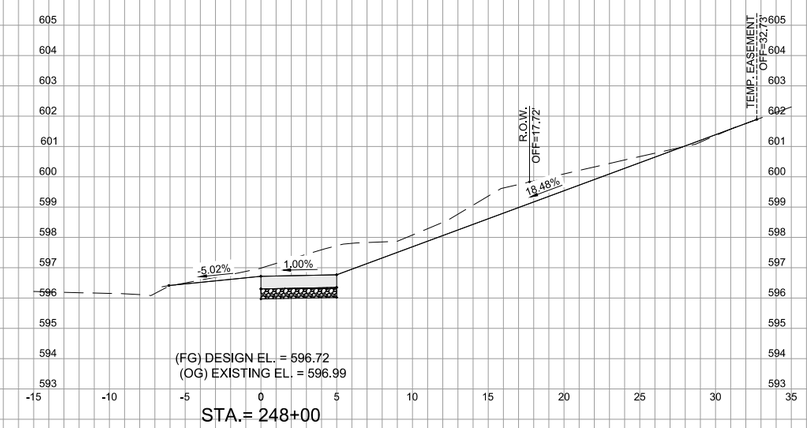
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

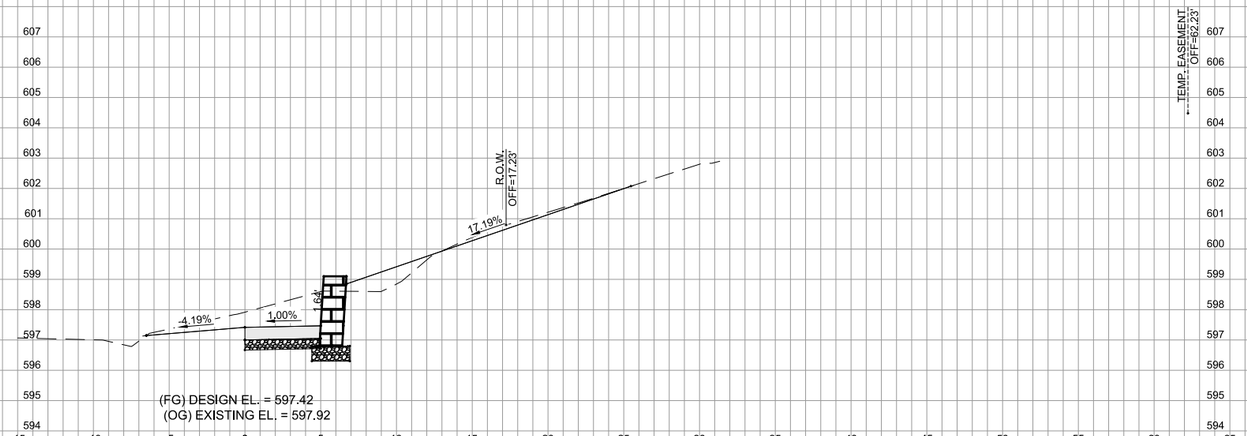
CROSS SECTIONS - SIDEWALK

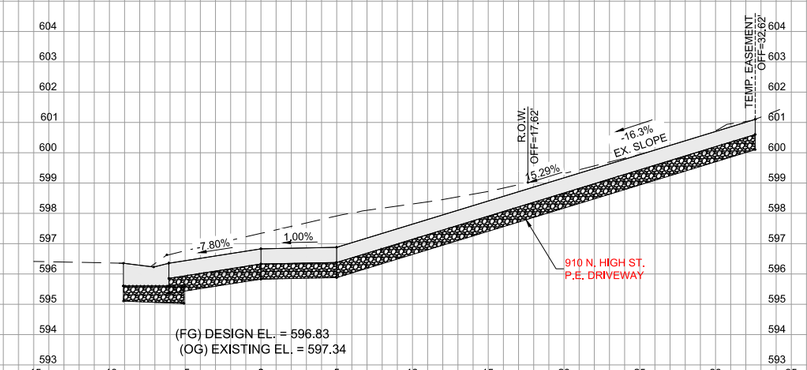
SCALE: | SHEET NO. 173 OF 190SHEETS | STA. | TO STA.

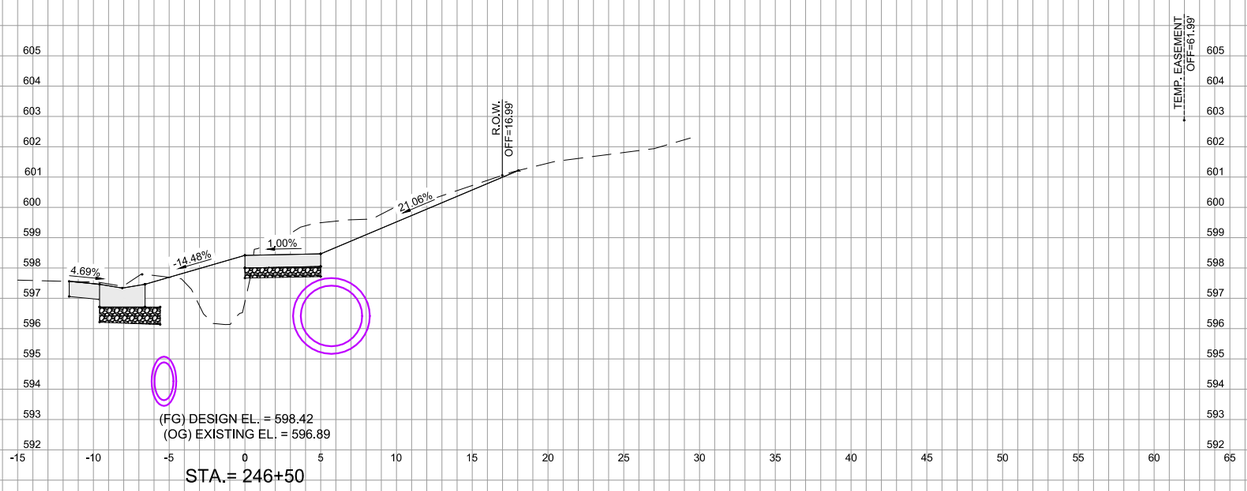
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	173
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

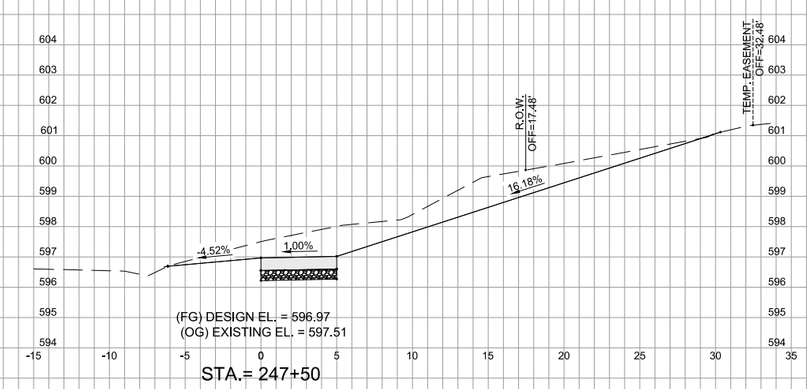












MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

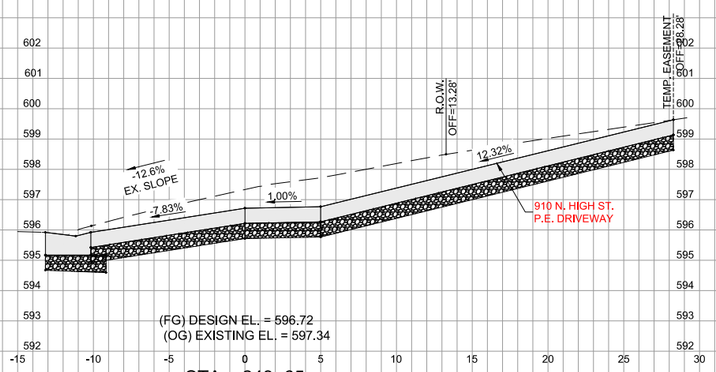
PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

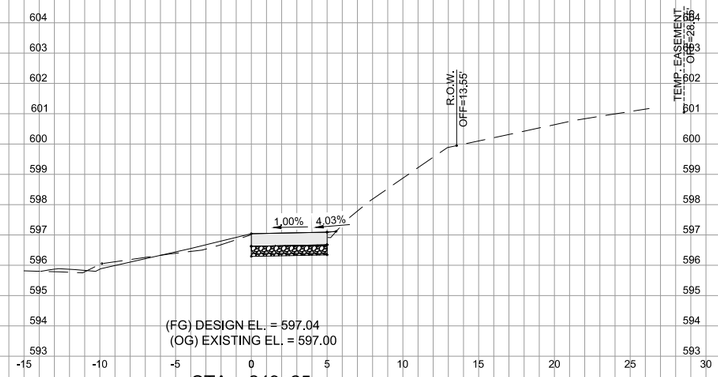
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 174 OF 190SHEETS | STA. | TO STA.

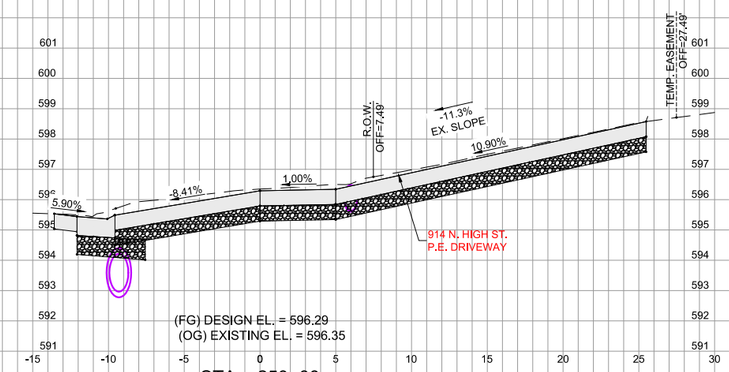
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	174
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



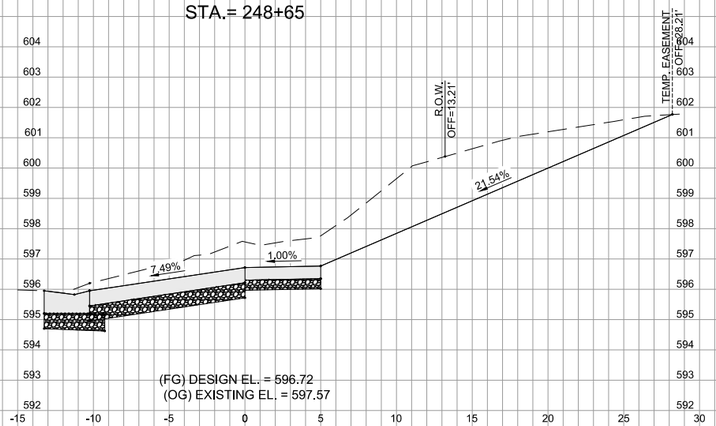
STA.= 248+65



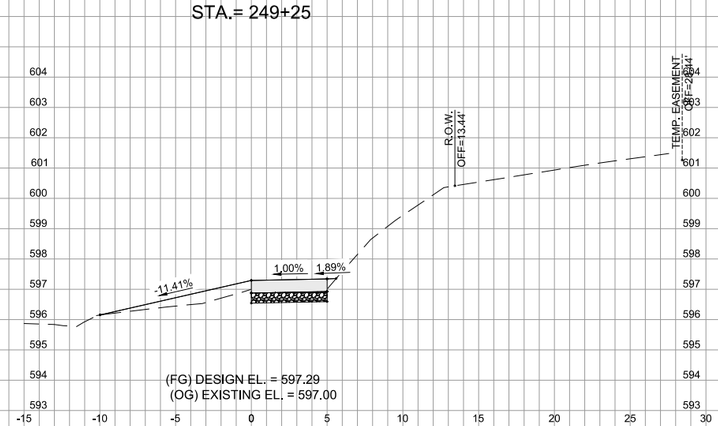
STA.= 249+25



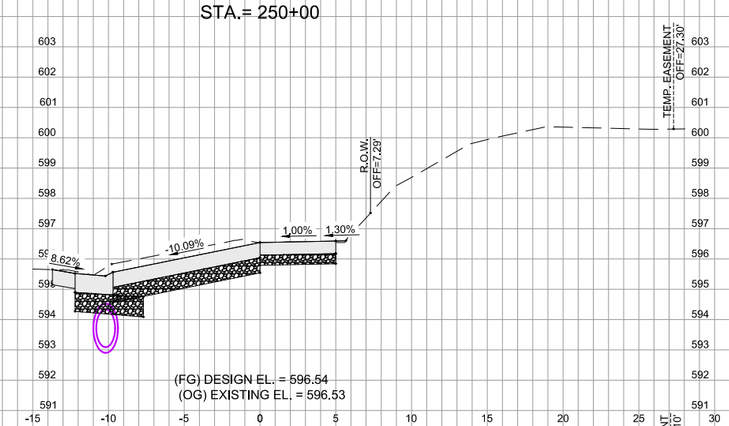
STA.= 250+00



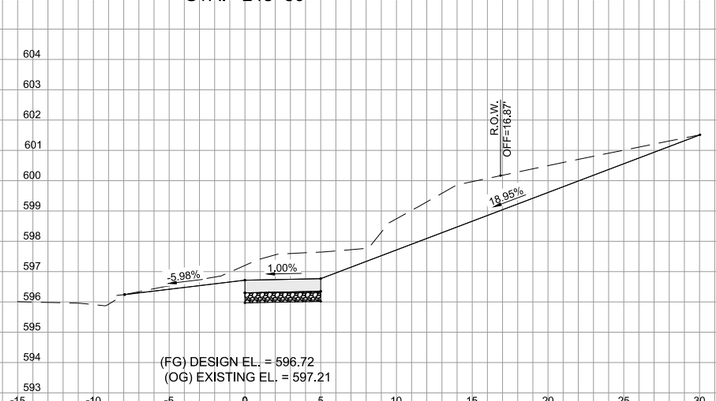
STA.= 248+50



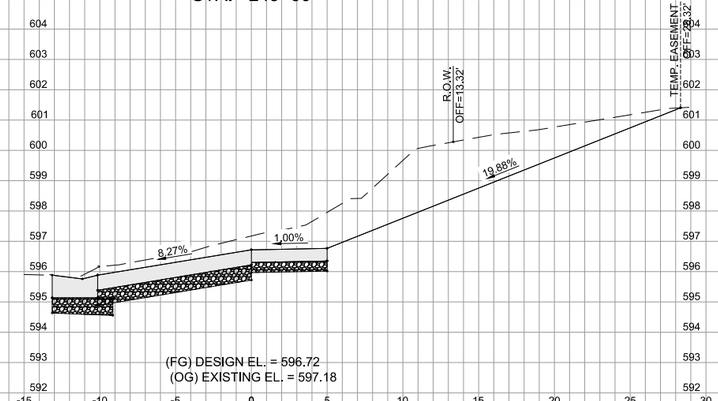
STA.= 249+00



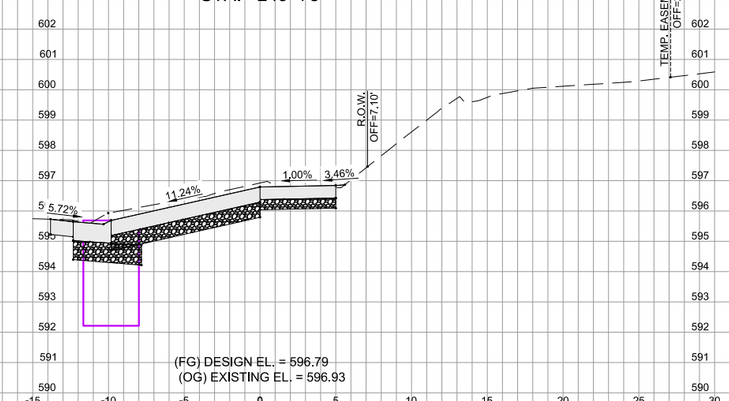
STA.= 249+75



STA.= 248+25



STA.= 248+75



STA.= 249+50

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 22-Jan-19	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

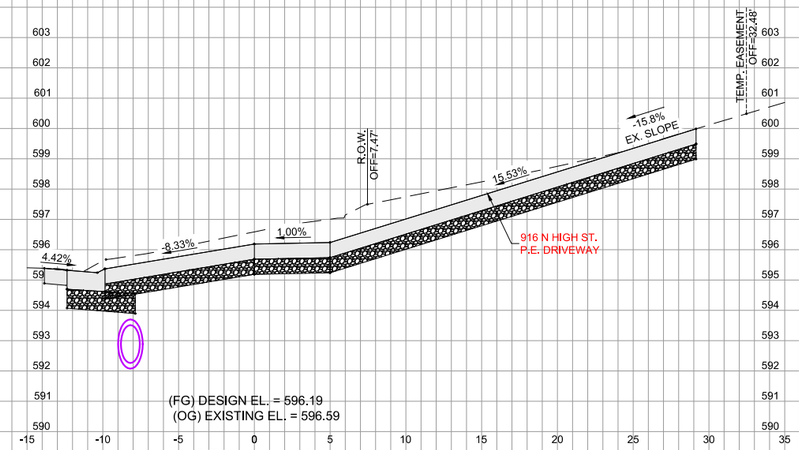
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - SIDEWALK

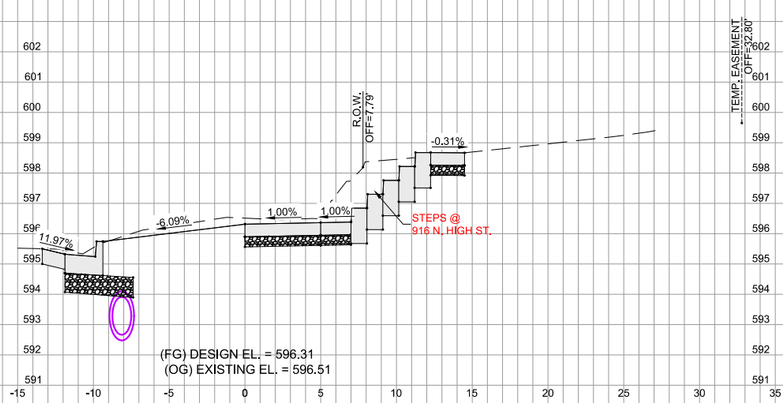
SCALE: | SHEET NO. 175 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	175
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		

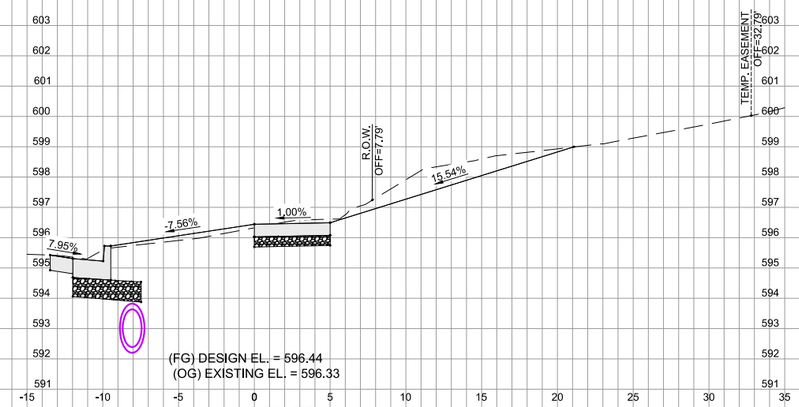
STA.= 250+50



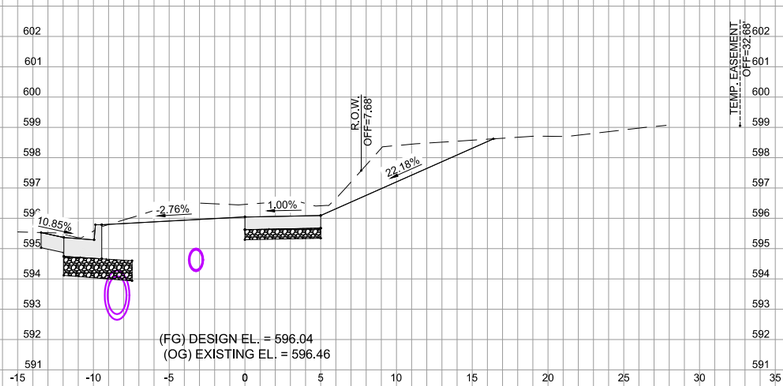
STA.= 251+00



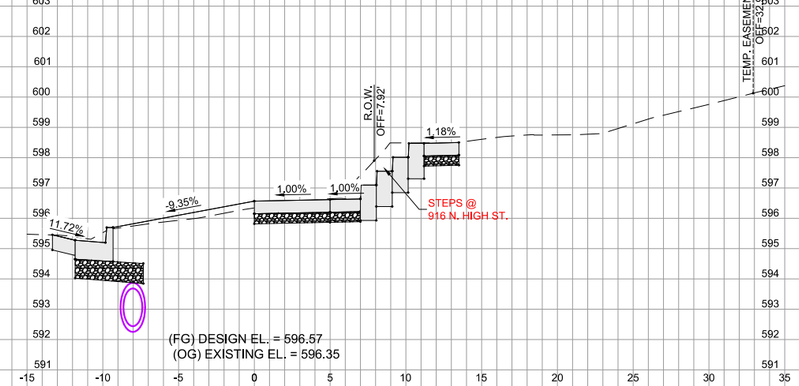
STA.= 250+40



STA.= 250+75



STA.= 250+25



STA.= 250+65

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 22-Jan-19	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

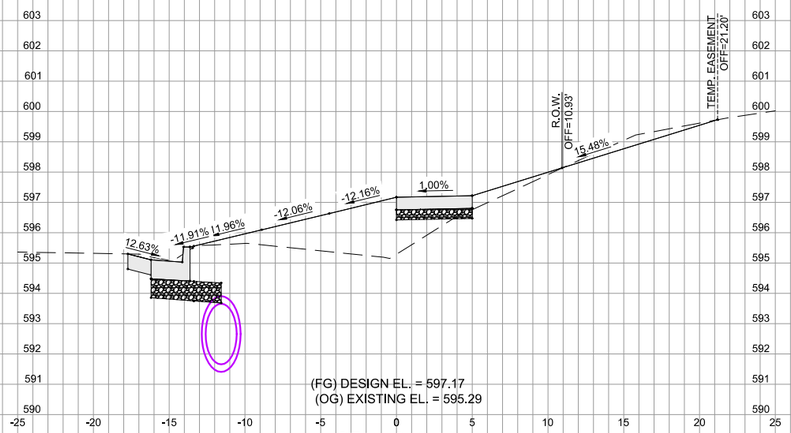
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 176 OF 190SHEETS | STA. | TO STA.

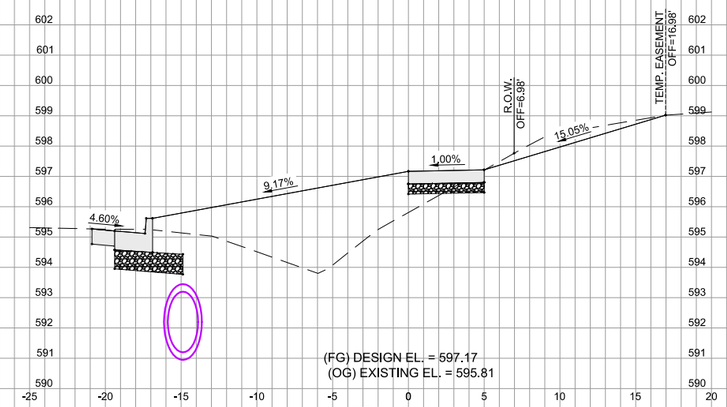
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	176

CONTRACT NO. 85697

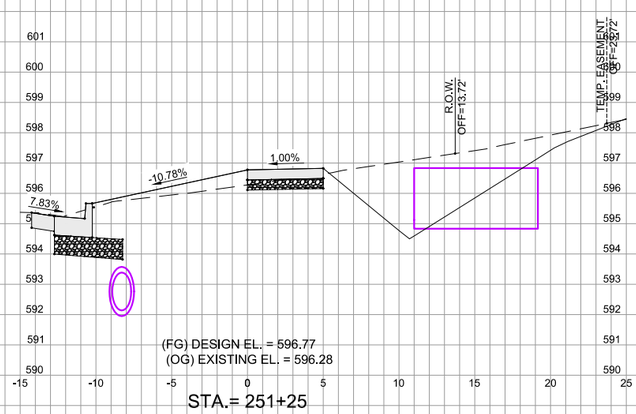
ILLINOIS FED. AID PROJECT



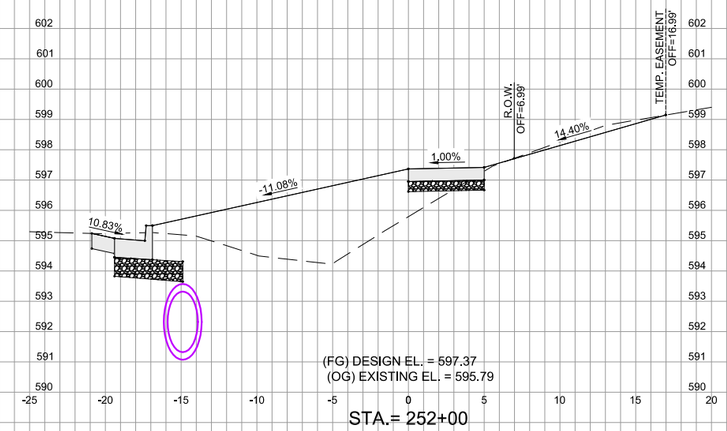
STA.= 251+50



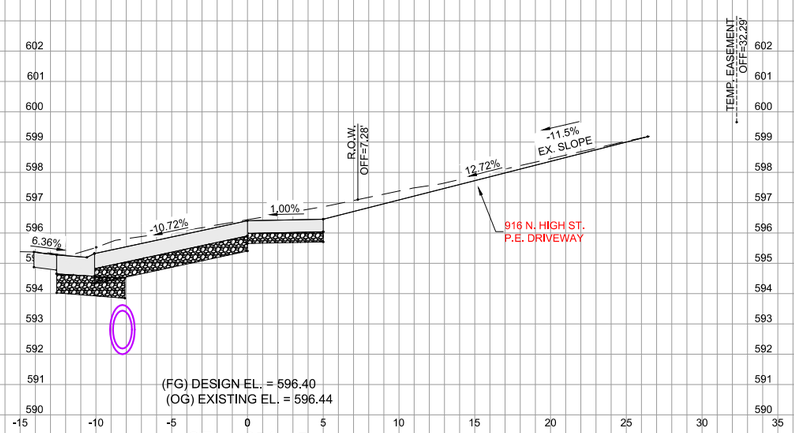
STA.= 252+25



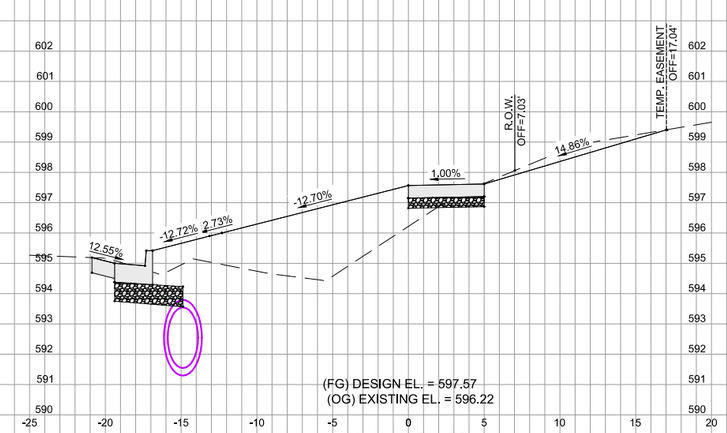
STA.= 251+25



STA.= 252+00



STA.= 251+15



STA.= 251+75

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

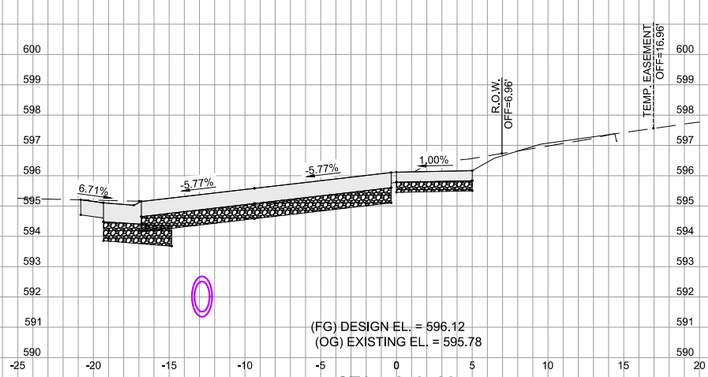
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 177 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	177

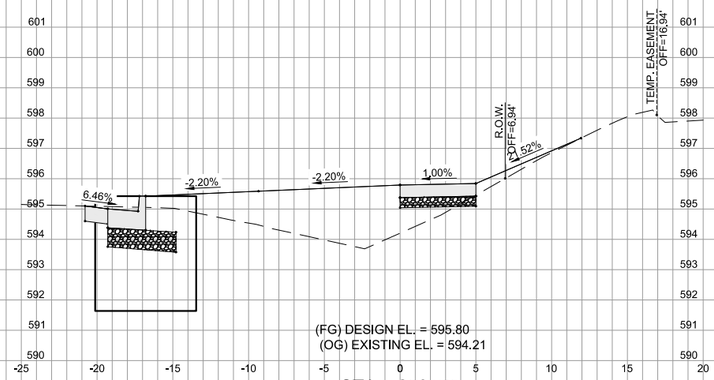
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



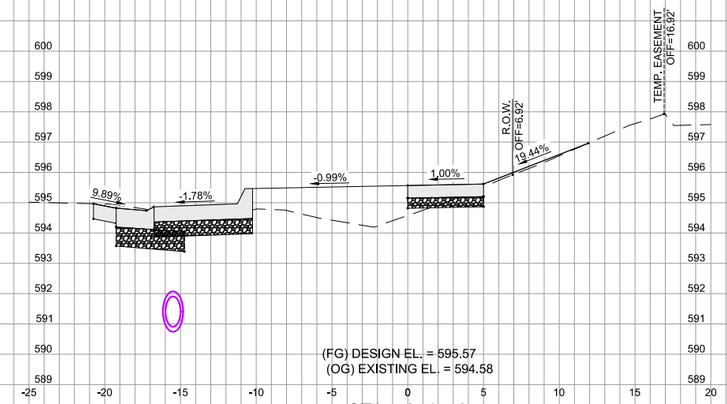
(FG) DESIGN EL. = 596.12
(OG) EXISTING EL. = 595.78

STA.= 253+00



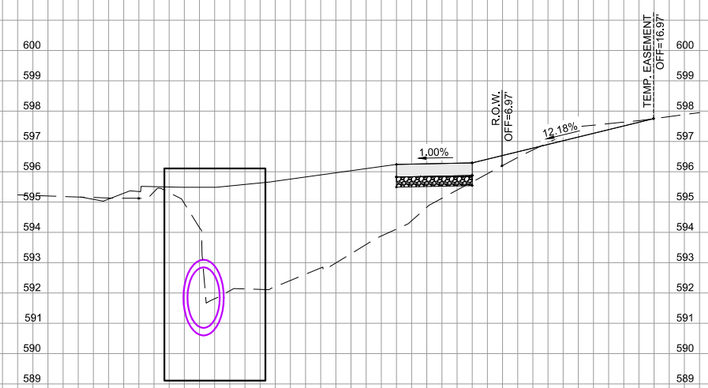
(FG) DESIGN EL. = 595.80
(OG) EXISTING EL. = 594.21

STA.= 253+75



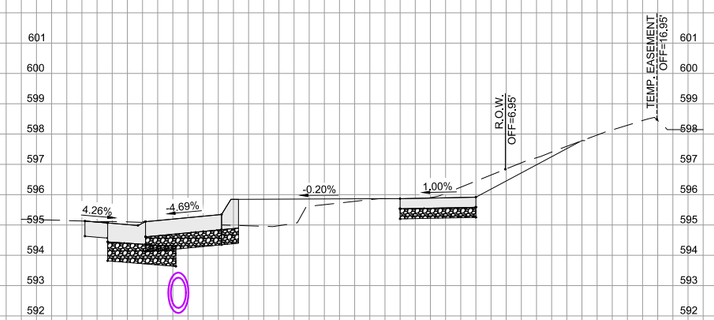
(FG) DESIGN EL. = 595.57
(OG) EXISTING EL. = 594.58

STA.= 254+50



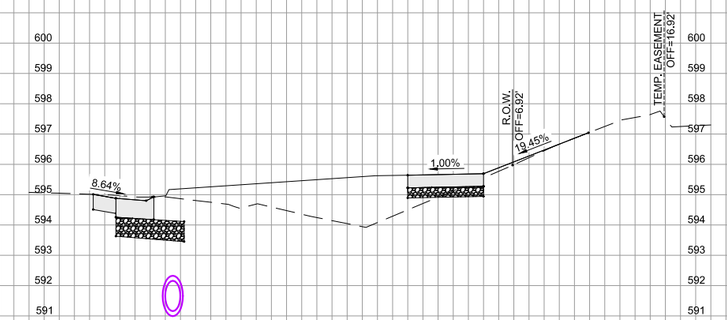
(FG) DESIGN EL. = 596.25
(OG) EXISTING EL. = 594.11

STA.= 252+75



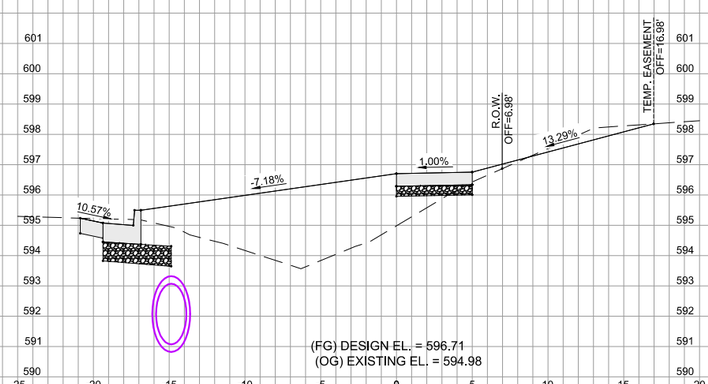
(FG) DESIGN EL. = 595.87
(OG) EXISTING EL. = 595.86

STA.= 253+50



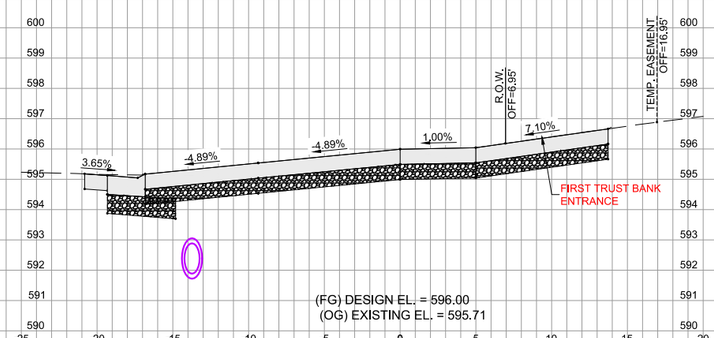
(FG) DESIGN EL. = 595.65
(OG) EXISTING EL. = 594.50

STA.= 254+25



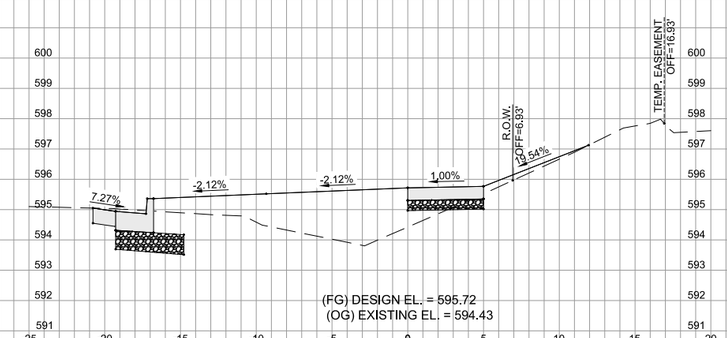
(FG) DESIGN EL. = 596.71
(OG) EXISTING EL. = 594.98

STA.= 252+50



(FG) DESIGN EL. = 596.00
(OG) EXISTING EL. = 595.71

STA.= 253+25



(FG) DESIGN EL. = 595.72
(OG) EXISTING EL. = 594.43

STA.= 254+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

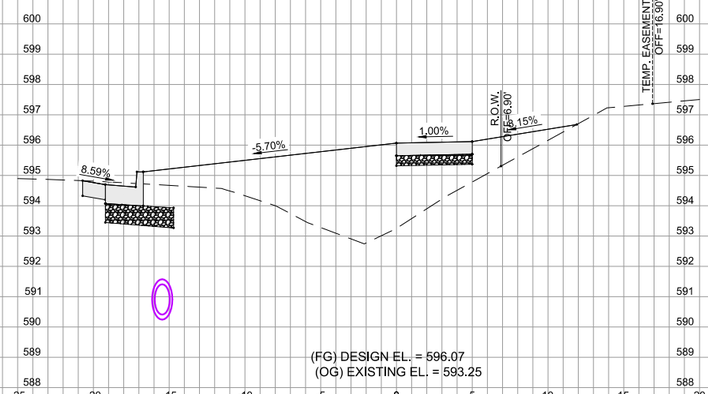
PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

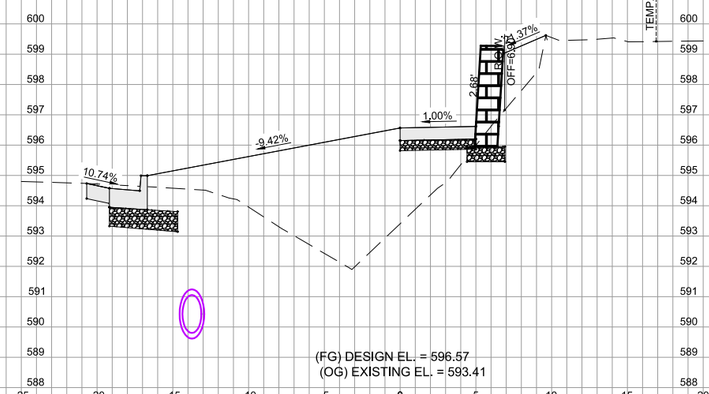
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 178 OF 190SHEETS | STA. | TO STA.

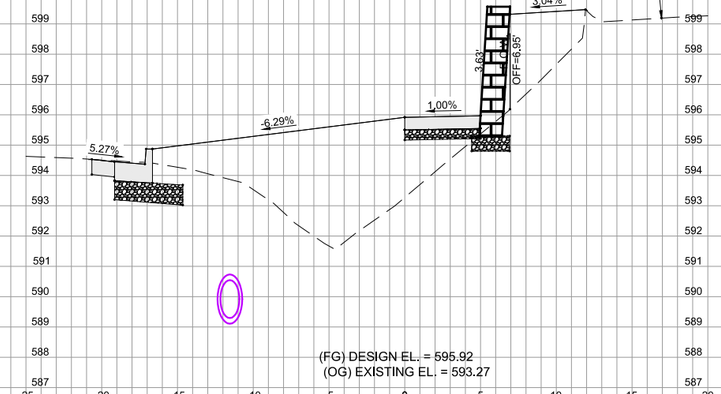
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	178
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



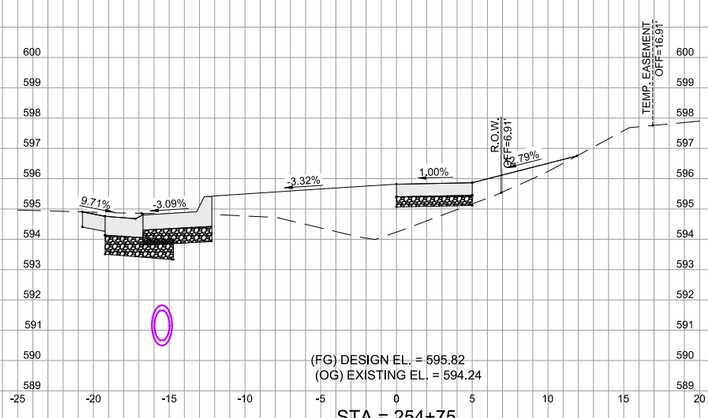
STA.= 255+00



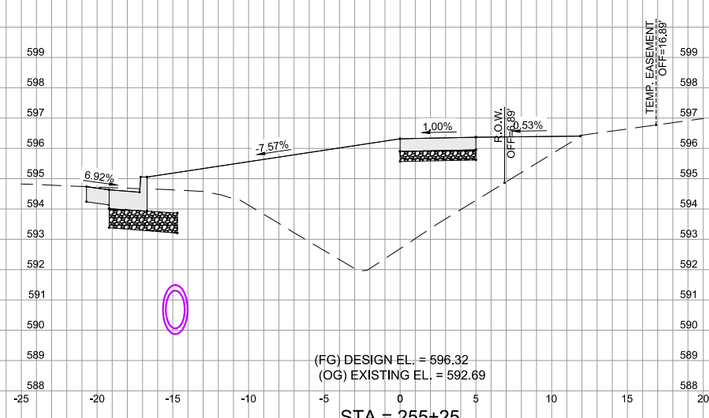
STA.= 255+50



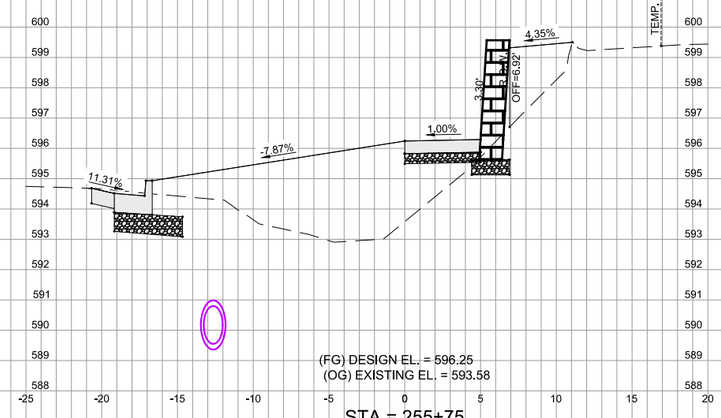
STA.= 256+00



STA.= 254+75



STA.= 255+25



STA.= 255+75

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

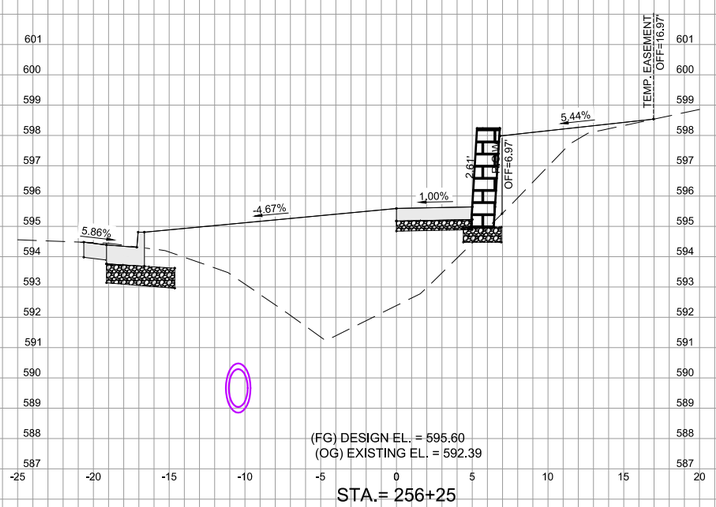
PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 179 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	179
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

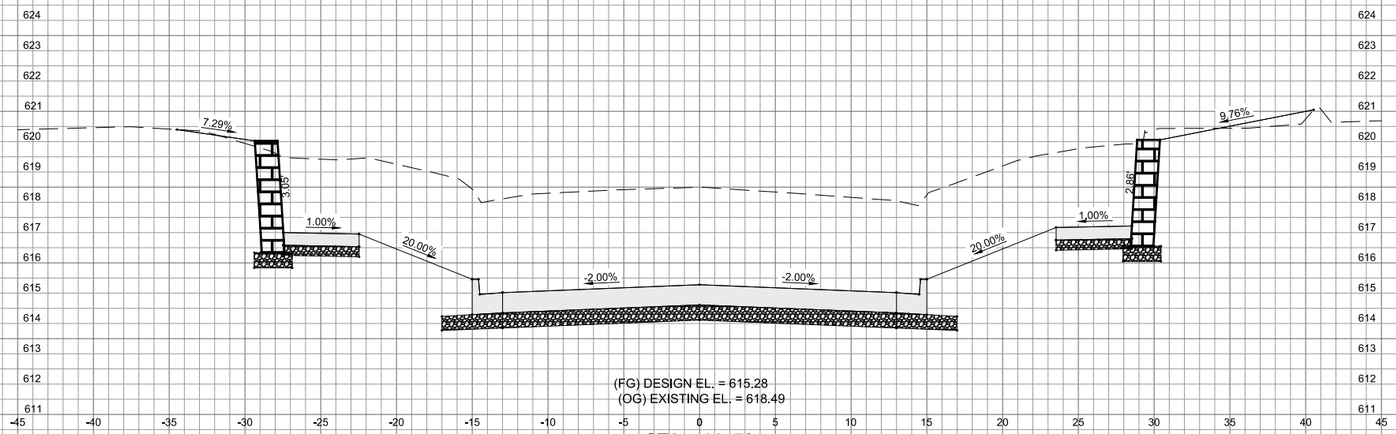
PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

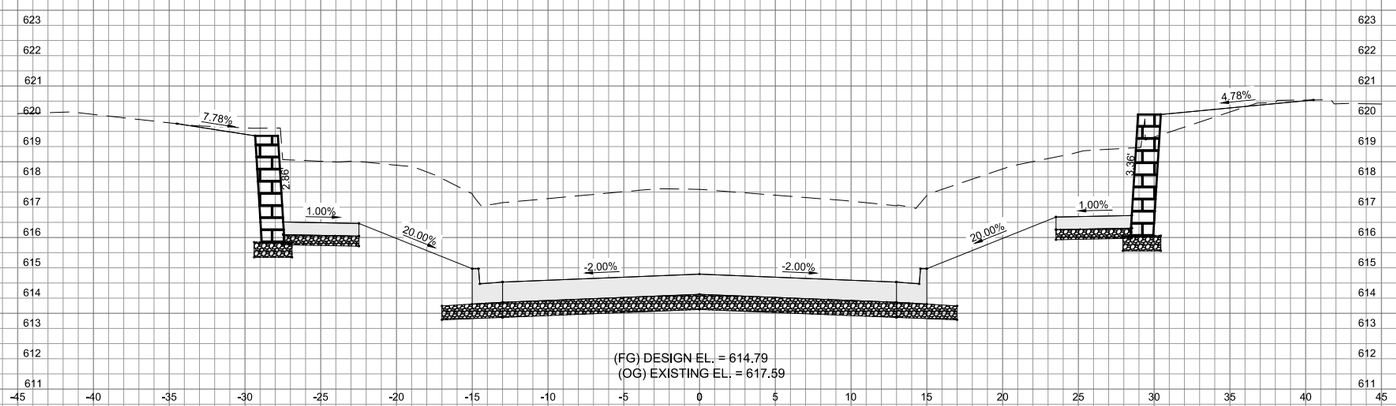
CROSS SECTIONS - SIDEWALK

SCALE: | SHEET NO. 180 OF 190SHEETS | STA. | TO STA.

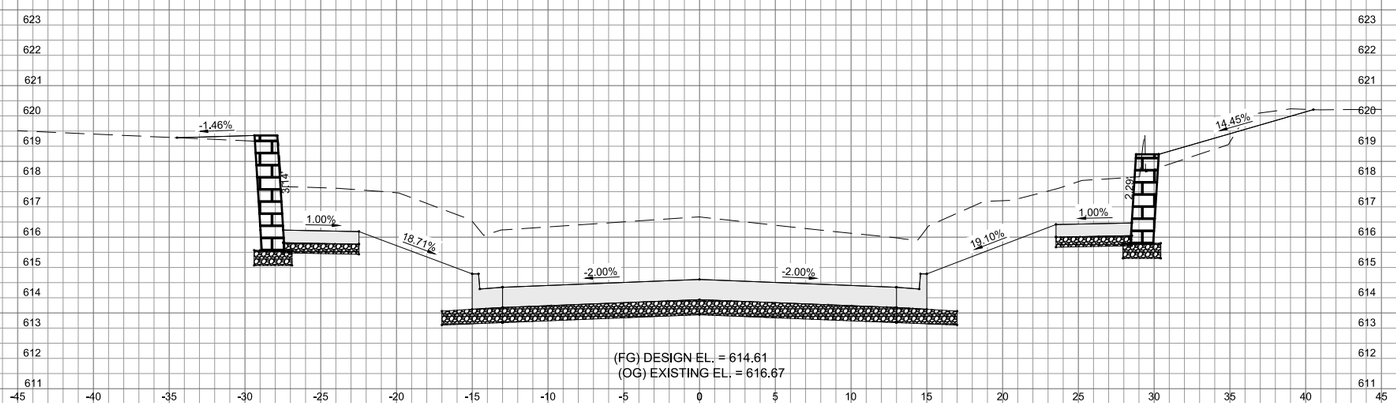
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	180
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



STA.= 11+70



STA.= 11+60



STA.= 11+50

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

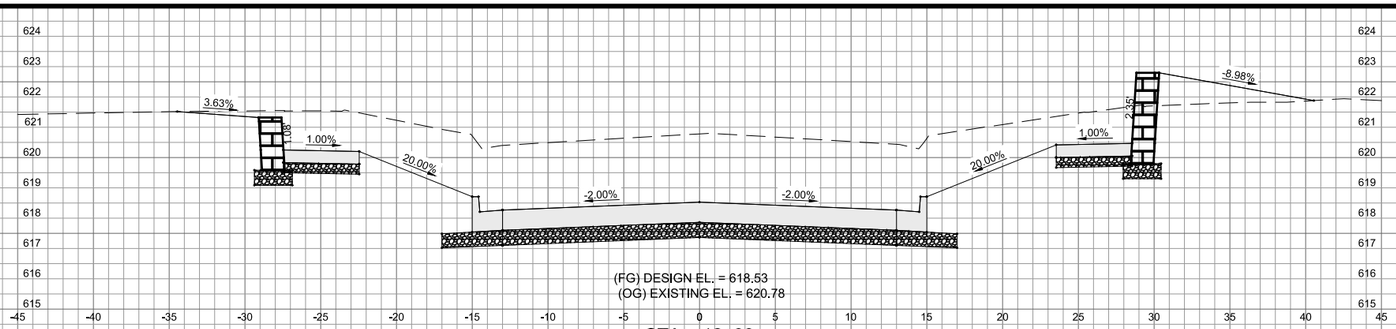
PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)			
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)			
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)			
FILE NAME - 00442048 - XS.dwg		REVISED - (4)			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

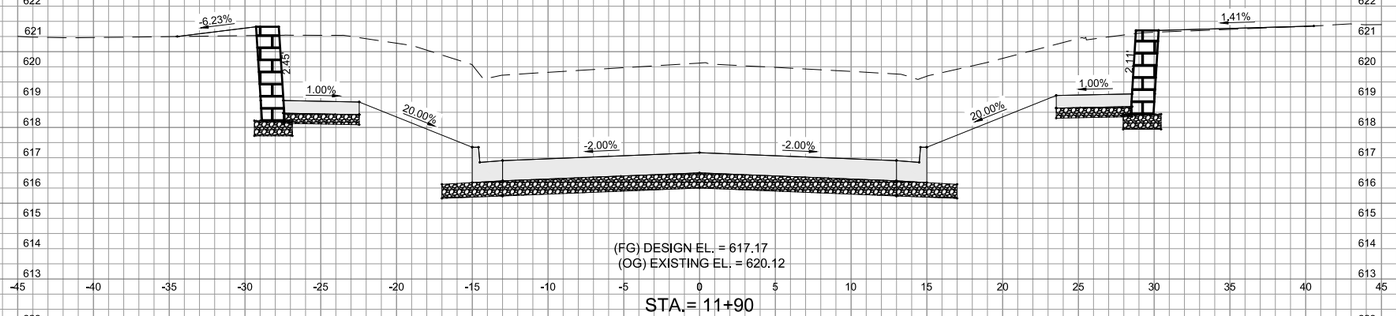
CROSS SECTIONS - CHERRY STREET

SCALE: | SHEET NO. 181 OF 190SHEETS | STA. | TO STA.

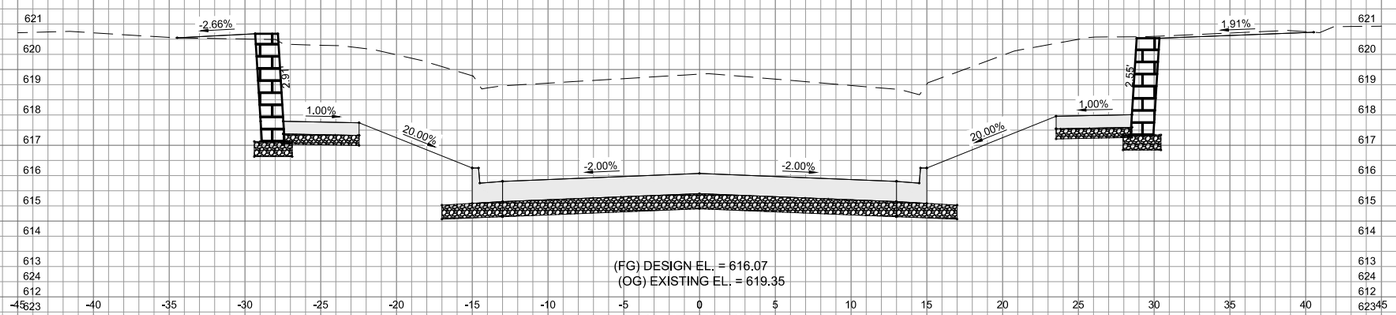
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	181
		CONTRACT NO. 85697		
		ILLINOIS FED. AID PROJECT		



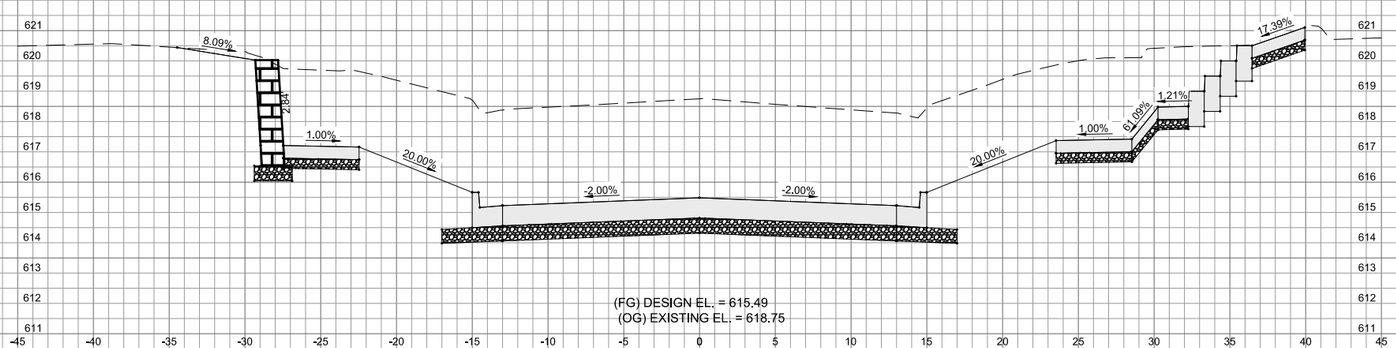
STA.= 12+00



STA.= 11+90



STA.= 11+80



STA.= 11+73

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)					
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)					
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)					
FILE NAME - 00442048 - XS.dwg		REVISED - (4)					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

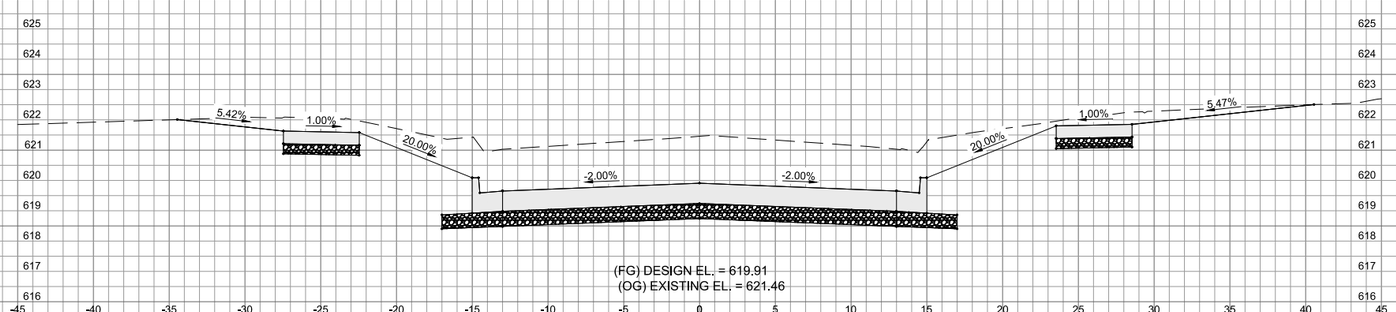
CROSS SECTIONS - CHERRY STREET

SCALE: | SHEET NO. 182 OF 190SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	182

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



STA.= 12+10

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE - 13-Aug-18	DESIGNED - JLS	REVISED - (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

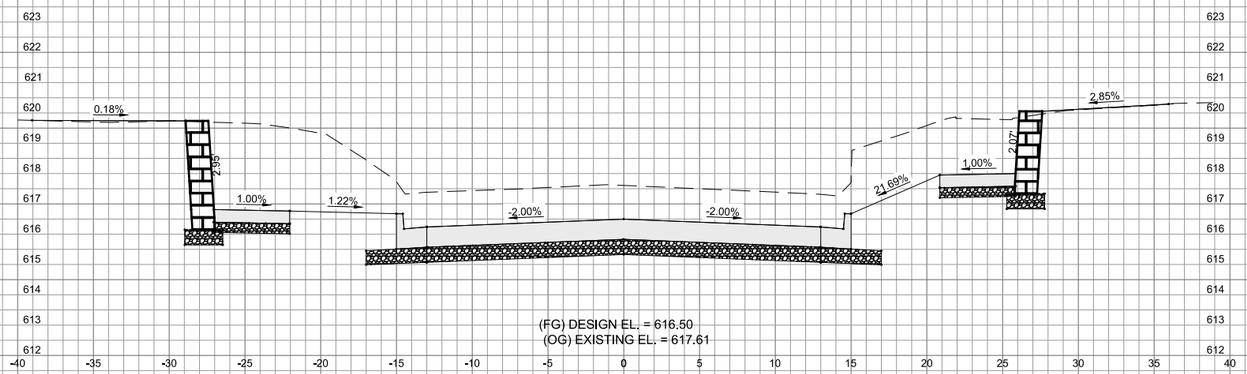
CROSS SECTIONS - CHERRY STREET

SCALE: | SHEET NO. 183 OF 190SHEETS | STA. | TO STA.

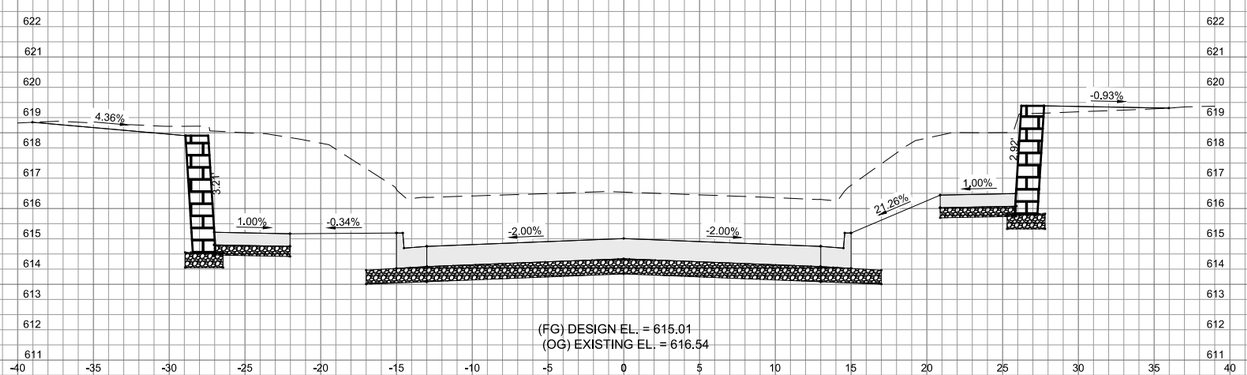
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	15-00017-00-SW	ROCK ISLAND	190	183

CONTRACT NO. 85697

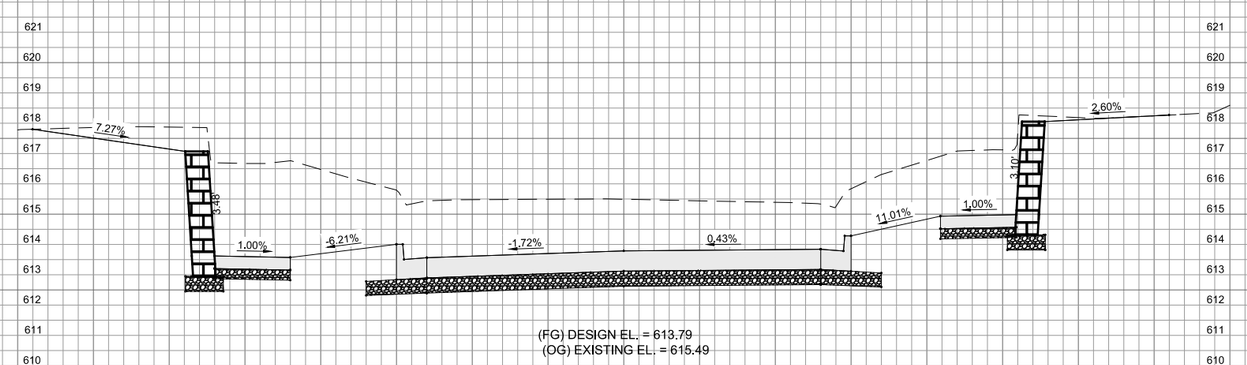
ILLINOIS FED. AID PROJECT



STA.= 22+10



STA.= 22+00



STA.= 21+90

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE 13-Aug-18	DESIGNED JLS	REVISED (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

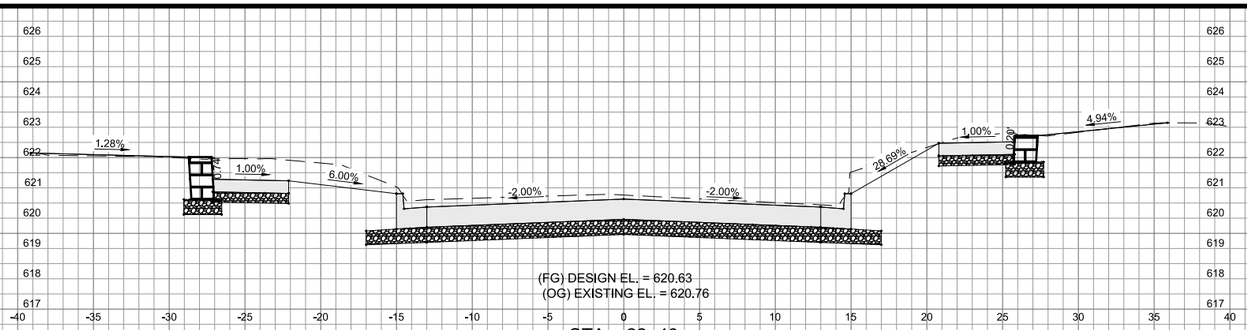
CROSS SECTIONS - WALNUT STREET

SCALE: | SHEET NO. 184 OF 190SHEETS | STA. | TO STA.

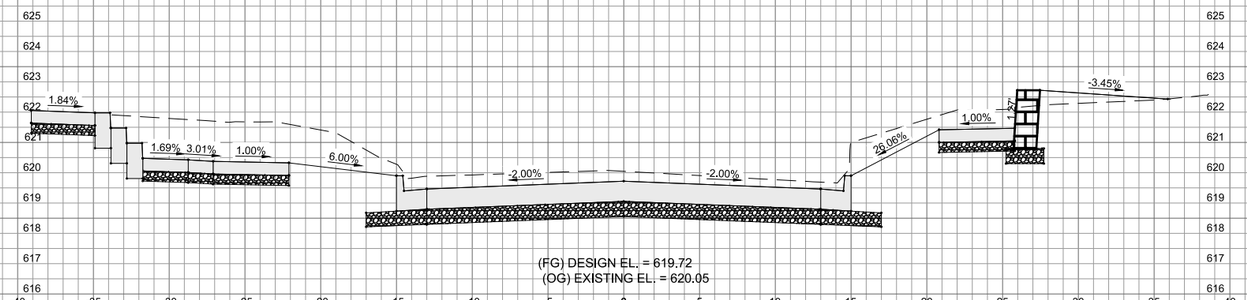
RTE.	SECTION	COUNTY	SHEETS	NO.
308	15-00017-00-SW	ROCK ISLAND	190	184

CONTRACT NO. 85697

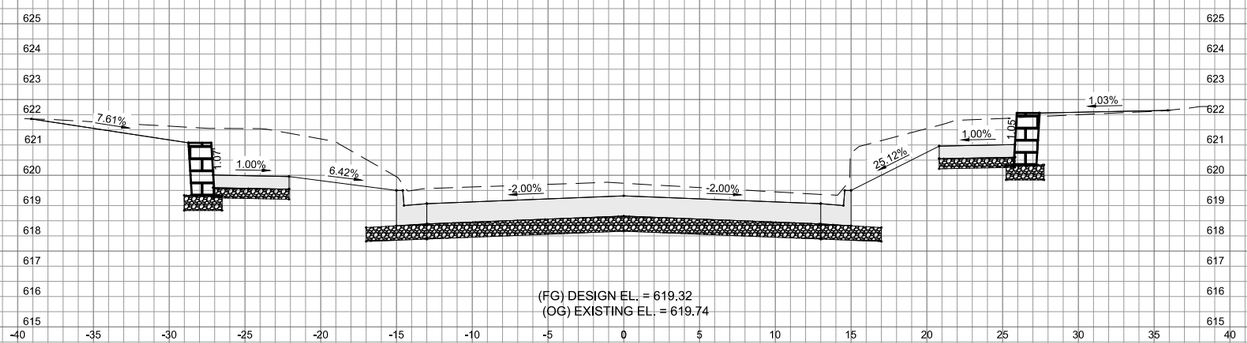
ILLINOIS FED. AID PROJECT



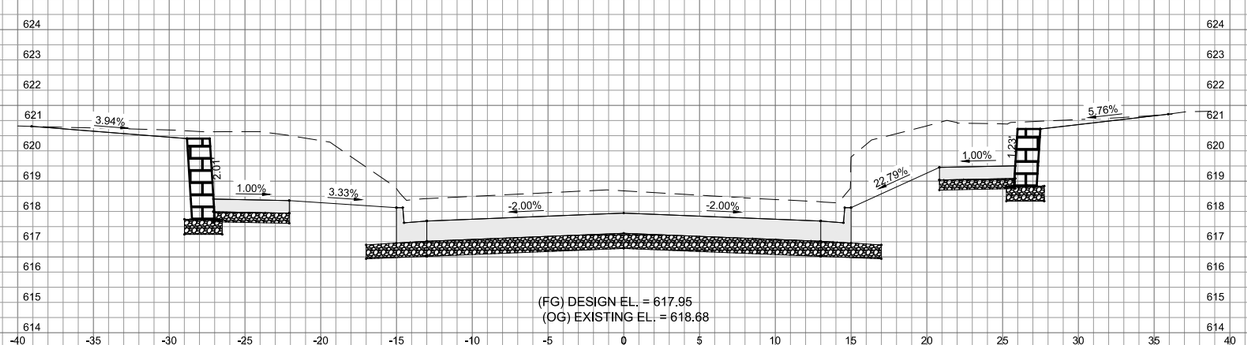
STA.= 22+40



STA.= 22+33



STA.= 22+30



STA.= 22+20

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE 13-Aug-18	DESIGNED JLS	REVISED (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

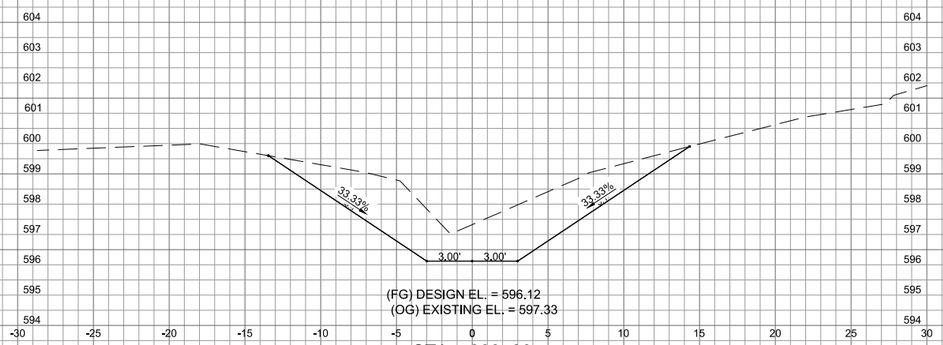
CROSS SECTIONS - WALNUT STREET

SCALE: | SHEET NO. 185 OF 190SHEETS | STA. | TO STA.

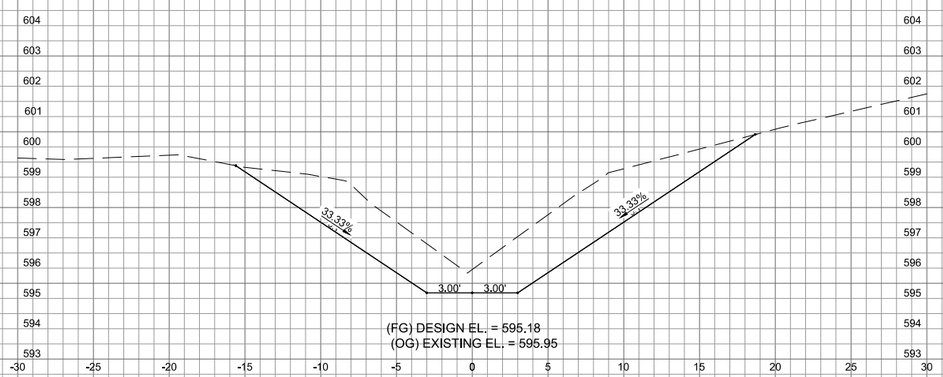
RTE.	SECTION	COUNTY	SHEETS	NO.
308	15-00017-00-SW	ROCK ISLAND	190	185

CONTRACT NO. 85697

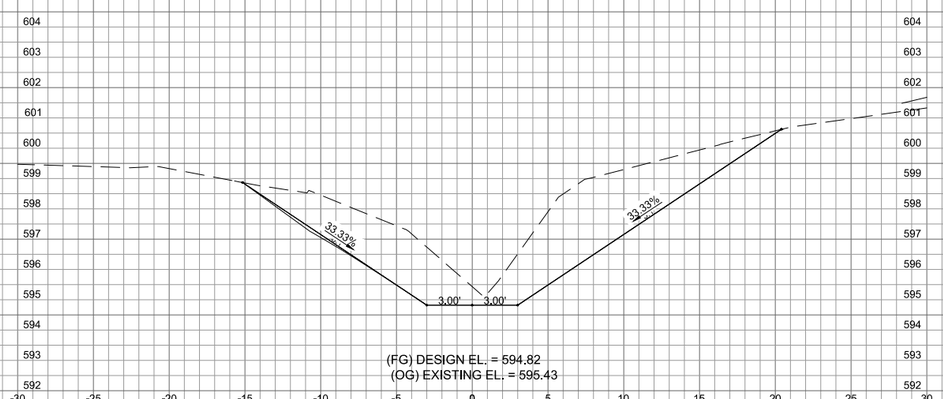
ILLINOIS FED. AID PROJECT



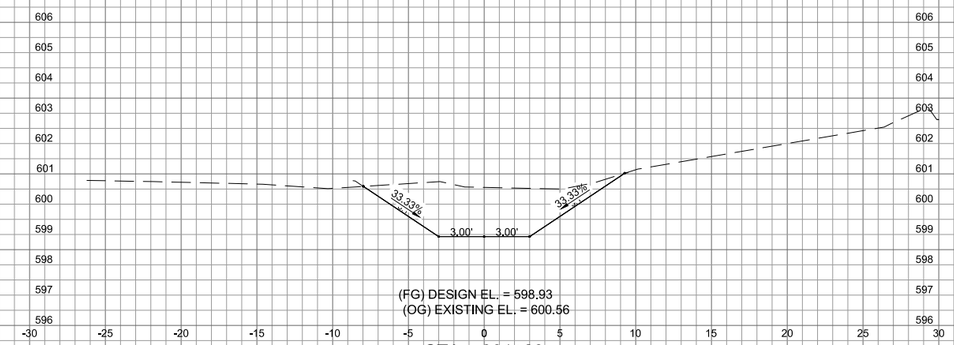
STA.= 900+90



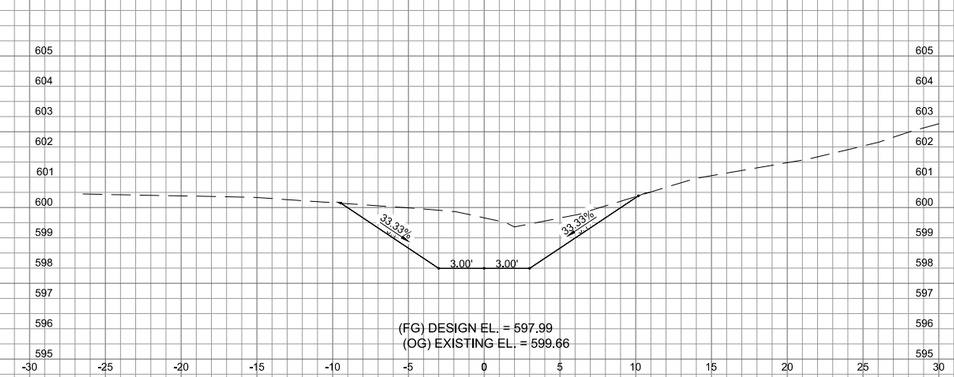
STA.= 900+80



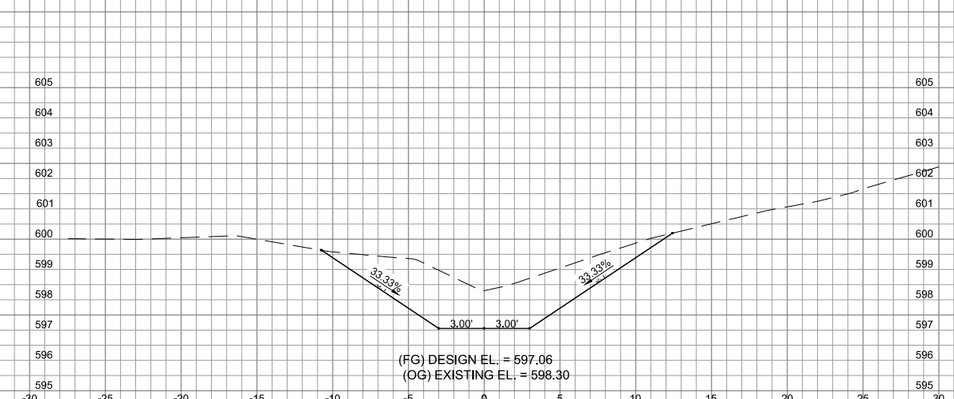
STA.= 900+70



STA.= 901+20



STA.= 901+10



STA.= 901+00

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE	13-Aug-18	DESIGNED	JLS
USER NAME -	JAYDEN SCHECKEL	DRAWN -	JLS
PLOT SCALE -	AS SHOWN	CHECKED -	JDF
FILE NAME -	00442048 - XS.dwg		

REVISED	(1)
REVISED	- (2)
REVISED	- (3)
REVISED	- (4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

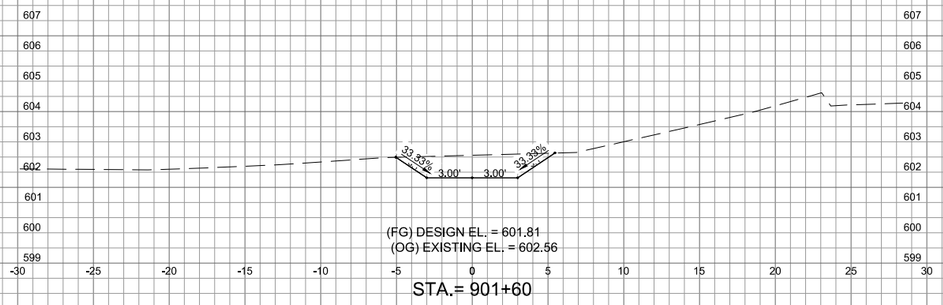
CROSS SECTIONS - CASEYS DITCH

SCALE: | SHEET NO. 186 OF 190SHEETS | STA. | TO STA.

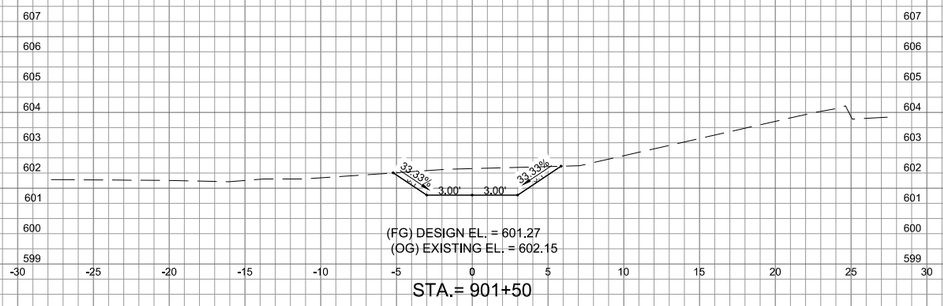
RTE.	SECTION	COUNTY	SHEETS	NO.
308	15-00017-00-SW	ROCK ISLAND	190	186

CONTRACT NO. 85697

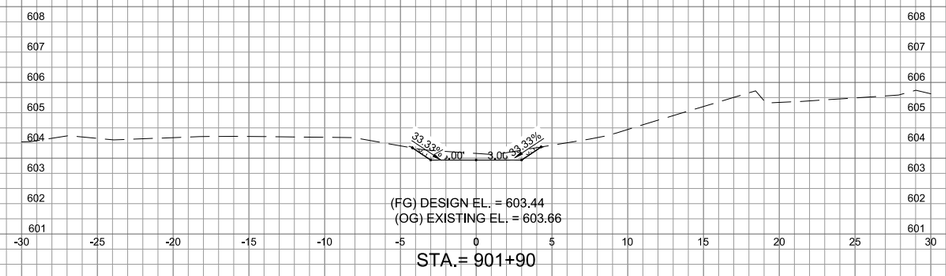
ILLINOIS FED. AID PROJECT



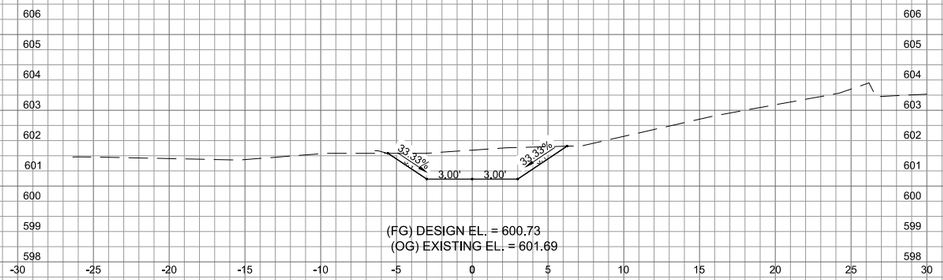
STA.= 901+60



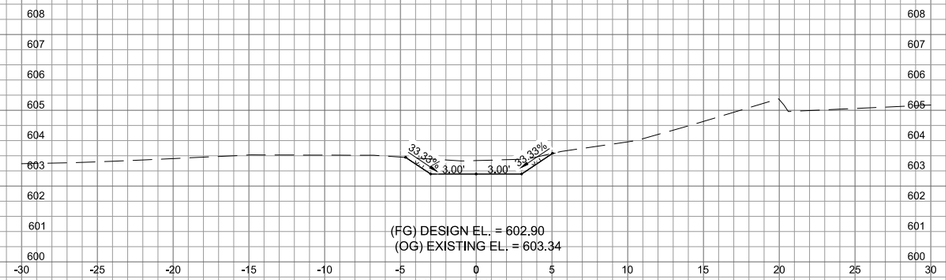
STA.= 901+50



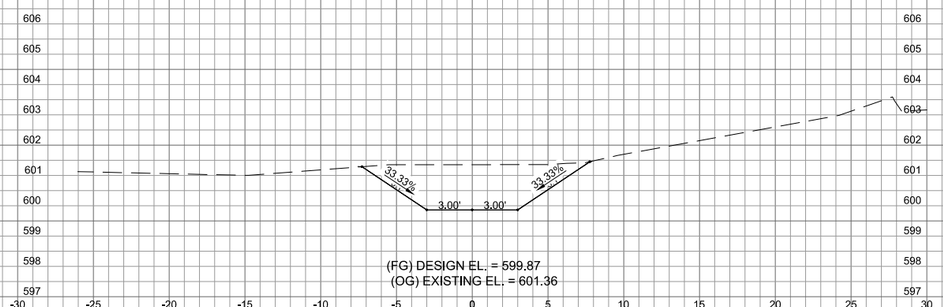
STA.= 901+90



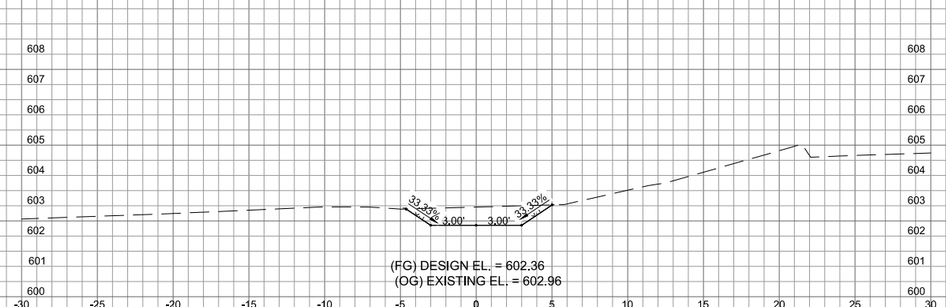
STA.= 901+40



STA.= 901+80



STA.= 901+30



STA.= 901+70

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE 13-Aug-18	DESIGNED JLS	REVISED (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

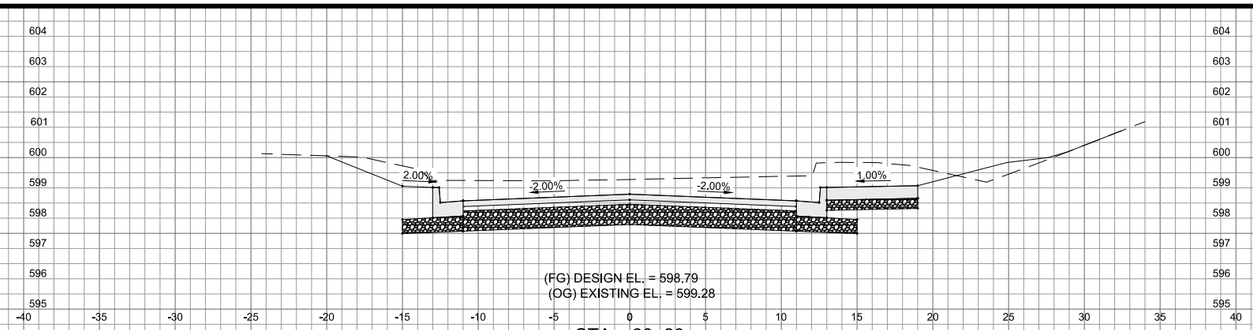
CROSS SECTIONS - CASEYS DITCH

SCALE: | SHEET NO. 187 OF 190SHEETS | STA. | TO STA.

RTE.	SECTION	COUNTY	SHEETS	NO.
308	15-00017-00-SW	ROCK ISLAND	190	187

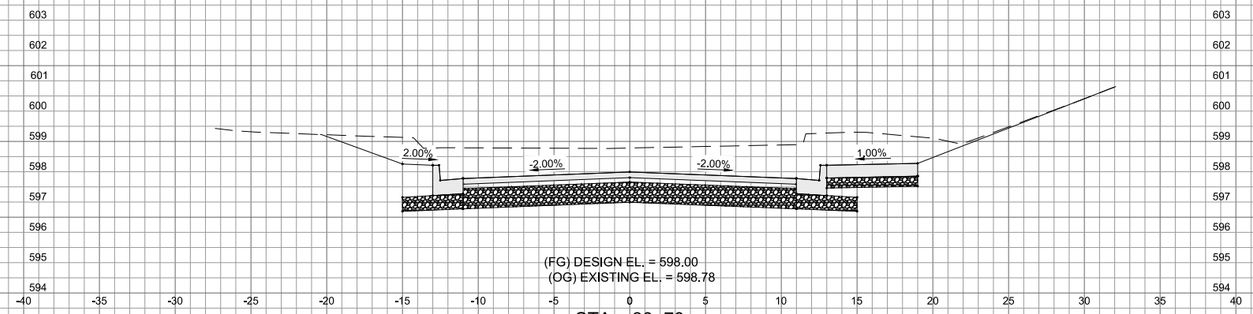
CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT



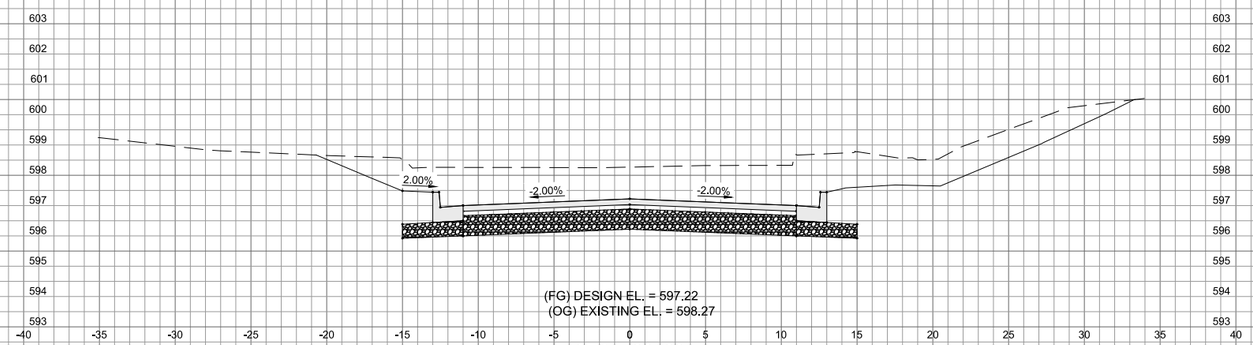
(FG) DESIGN EL. = 598.79
(OG) EXISTING EL. = 599.28

STA.= 30+80



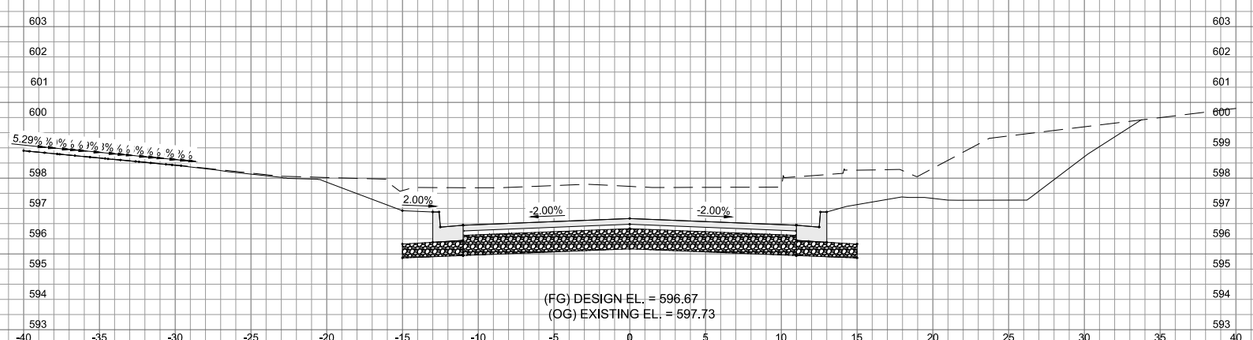
(FG) DESIGN EL. = 598.00
(OG) EXISTING EL. = 598.78

STA.= 30+70



(FG) DESIGN EL. = 597.22
(OG) EXISTING EL. = 598.27

STA.= 30+60



(FG) DESIGN EL. = 596.67
(OG) EXISTING EL. = 597.73

STA.= 30+50

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE 13-Aug-18	DESIGNED JLS	REVISED (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

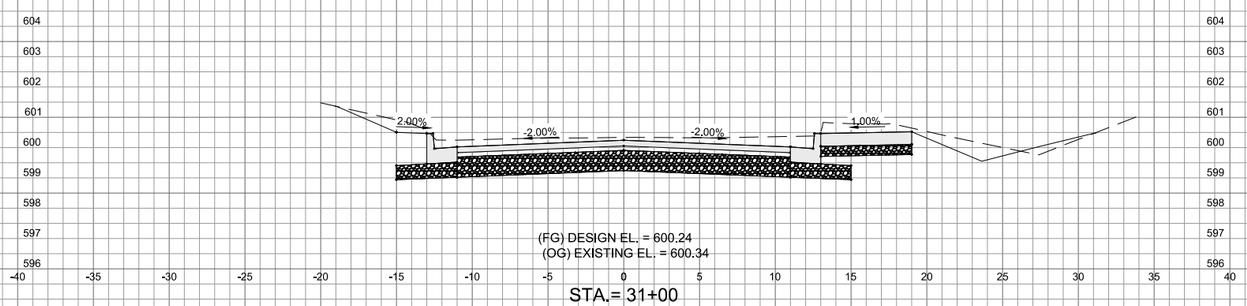
CROSS SECTIONS - TAYLOR DRIVE

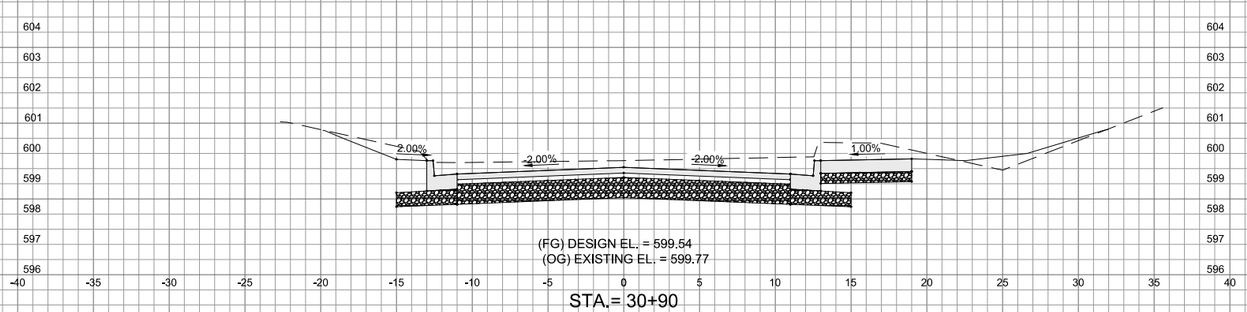
SCALE: | SHEET NO. 188 OF 190SHEETS | STA. | TO STA.

RTE.	SECTION	COUNTY	SHEETS	NO.
308	15-00017-00-SW	ROCK ISLAND	190	188

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT





MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE 13-Aug-18	DESIGNED JLS	REVISED (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

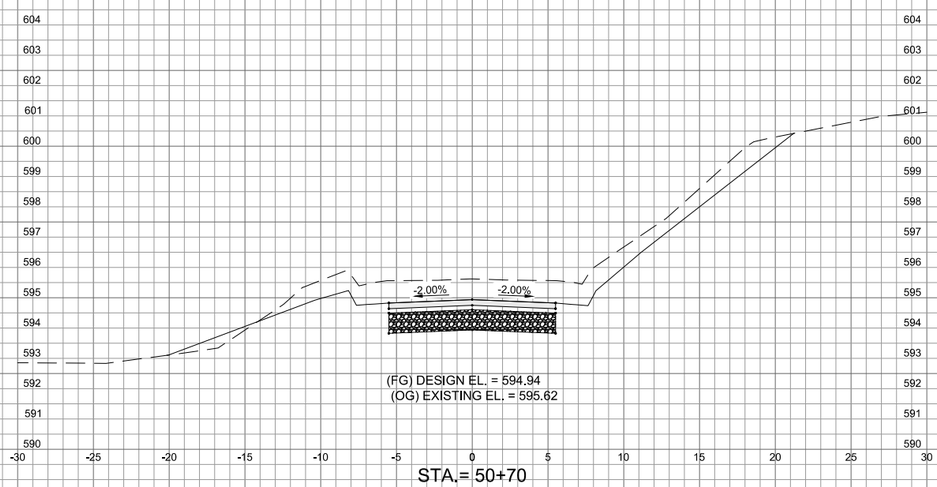
CROSS SECTIONS - TAYLOR DRIVE

SCALE: | SHEET NO. 189 OF 190SHEETS | STA. | TO STA.

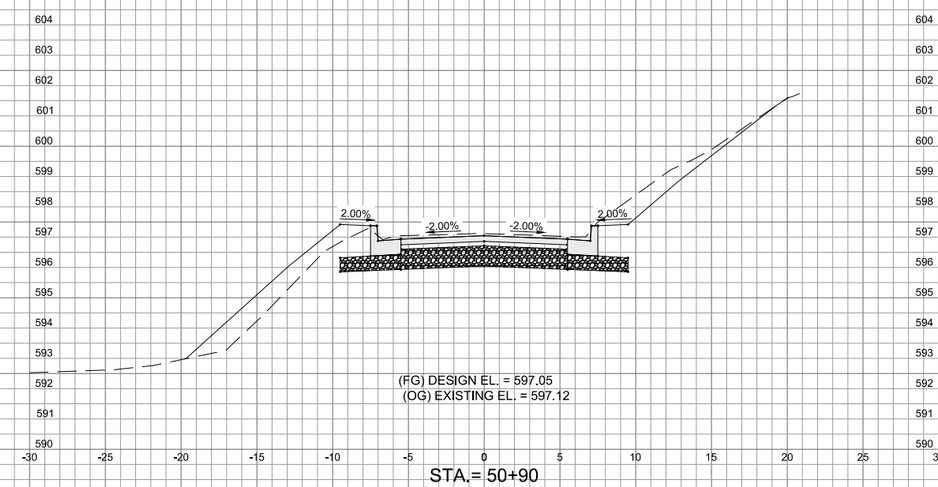
RTE.	SECTION	COUNTY	SHEETS	NO.
308	15-00017-00-SW	ROCK ISLAND	190	189

CONTRACT NO. 85697

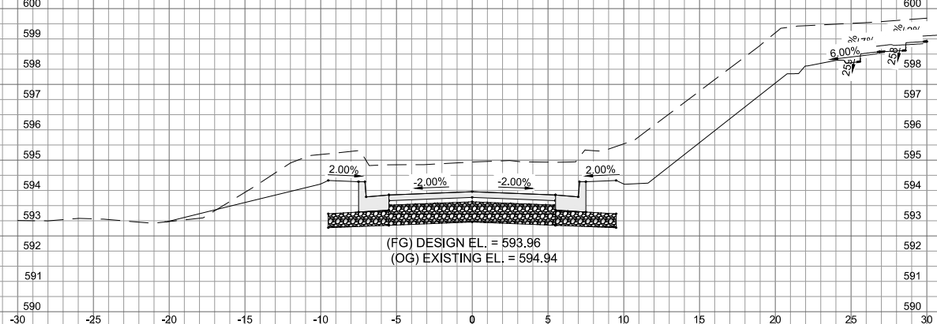
ILLINOIS FED. AID PROJECT



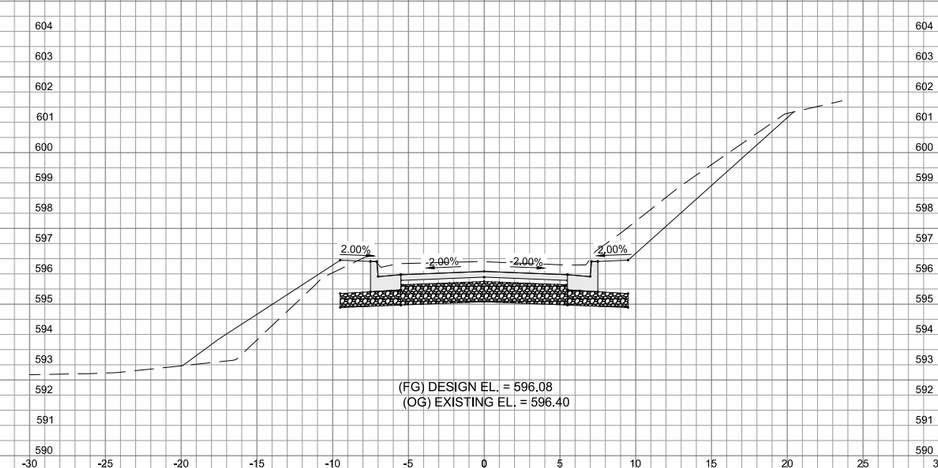
STA.= 50+70



STA.= 50+90



STA.= 50+60



STA.= 50+80

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
2117 State Street, Bettendorf IA 52722
(563) 445-3501 www.msa-ps.com

PLOT DATE 13-Aug-18	DESIGNED JLS	REVISED (1)	
USER NAME - JAYDEN SCHECKEL	DRAWN - JLS	REVISED - (2)	
PLOT SCALE - AS SHOWN	CHECKED - JDF	REVISED - (3)	
FILE NAME - 00442048 - XS.dwg		REVISED - (4)	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - GRAHAM STREET

SCALE: | SHEET NO. 190 OF 190SHEETS | STA. | TO STA.

RTE.	SECTION	COUNTY	SHEETS	NO.
308	15-00017-00-SW	ROCK ISLAND	190	190

CONTRACT NO. 85697

ILLINOIS FED. AID PROJECT