

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 61C21	

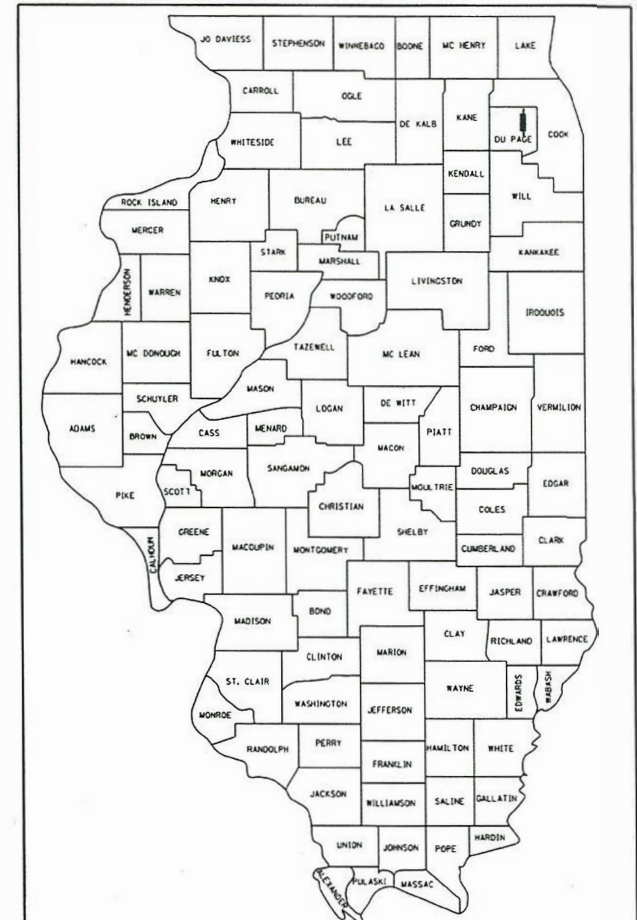
09-21-2018 LETTING ITEM 038

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PLANS FOR PROPOSED  
FEDERAL AID PROJECT**

FOR INDEX OF SHEETS, SEE SHEET 2

**SALT CREEK GREENWAY TRAIL  
IL 56 (BUTTERFIELD ROAD) AT COMMONWEALTH LANE  
TO SALT CREEK GREENWAY TRAIL  
BIKE / PED PATH**

**SECTION NO. 12-P4000-01-BT  
PROJECT NO. 4TF1(406)  
ELMHURST PARK DISTRICT  
DUPAGE COUNTY  
JOB NO: C-91-038-14**



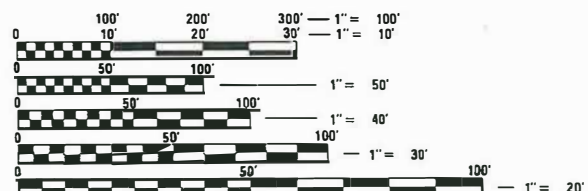
LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

PROJECT LOCATED IN  
CITY OF ELMHURST

**DESIGN SPEED**  
20 MPH

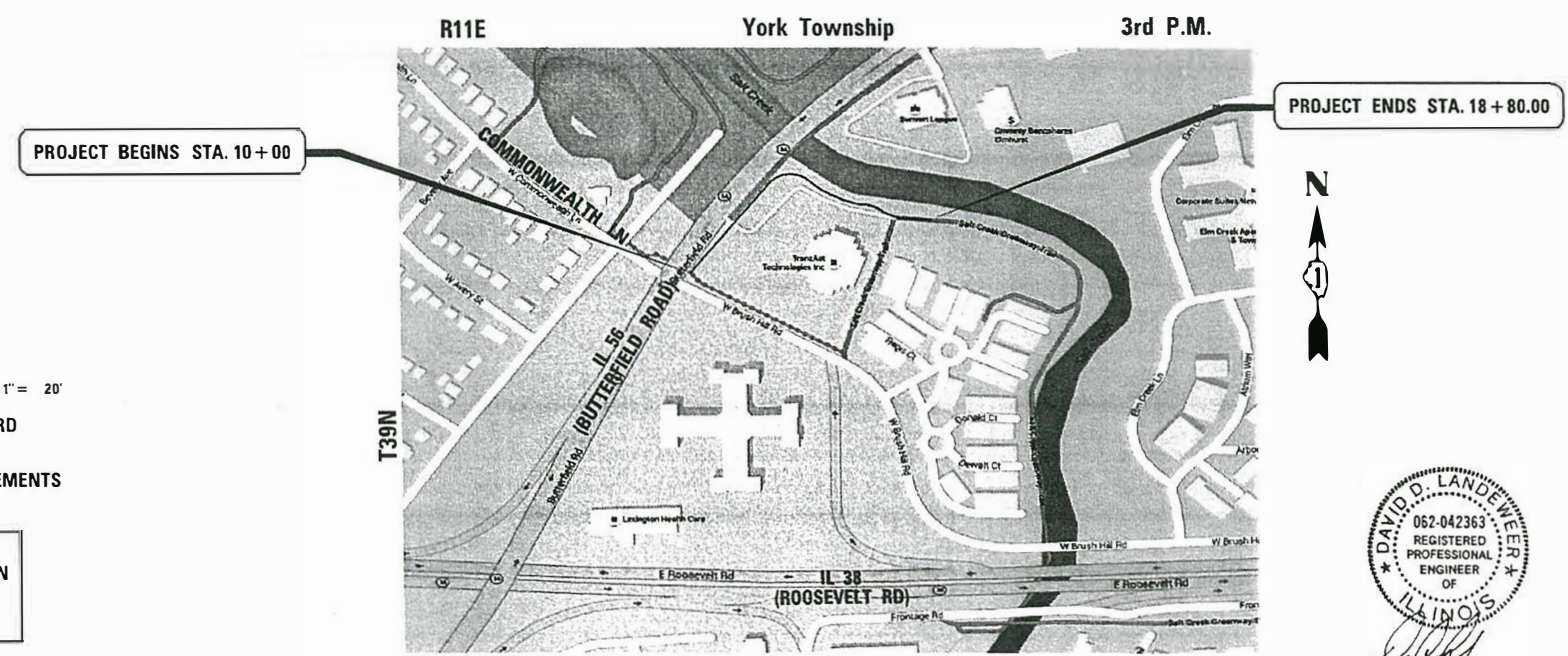
**CLASSIFICATION**  
BIKE TRAIL

FEDERAL AID PROGRAM ENGINEER: CHARLES F. RIDDLE, P.E., SCHAUMBURG, IL



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123 (JULIE)  
OR 811



LOCATION MAP  
(NOT TO SCALE)  
GROSS LENGTH AND NET LENGTH = 1,880 FEET (0.36 MILES)



7/6/18

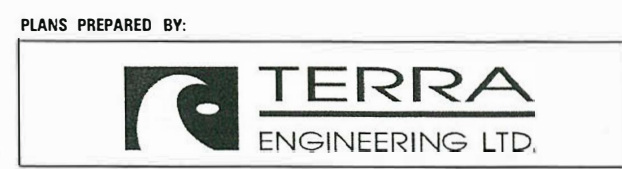
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Approved: *[Signature]* 7/6/18  
20 18  
Director of Facilities  
ELMHURST PARK DISTRICT

Passed: *[Signature]* JULY 17 20 18  
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

Releasing for Bid  
Based on Limited  
Review: *[Signature]* JULY 18 20 18  
REGIONAL ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



CONTRACT NO. 61C21

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
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**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
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542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
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701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS <= 40 MPH
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK CLOSURE OR CROSSWALK CLOSURE
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720001-01	SIGN PANEL MOUNTING DETAILS
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729001-01	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS & MARKERS)

**DISTRICT ONE STANDARDS**

BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15'
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN

**BENCHMARKS /CONTROL POINTS**

DISC ON TOP OF PARAPET WALL ON IL 56 BRIDGE OVER SALT CREEK AT SOUTHWEST BRIDGE ABUTMENT

EL=666.49

**BM\_YK23001**

GALVANIZED STEEL PIPE WITHOUT SLEEVE AT THE "Y" INTERSECTION OF EASTBOUND IL 56 AND THE ON RAMP FOR IL 38. LOCATION IS 16.0 FEET EAST OF THE EXIT SIGN FOR THE RAMP, 105 FEET WEST OF A SIGN READING EAST IL 56, AND 24 FEET NORTH OF THE CENTERLINE OF THE IL 38 ON RAMP.

EL = 679.02

VERTICAL DATUM USED IS NAVD 88.

**GENERAL CONSTRUCTION NOTES**

GENERAL NOTES	BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITY FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).  ALL STATION-OFFSET CALL OUTS AND CURVE DATA ON THE PLANS REFER TO THE PROPOSED CENTERLINE UNLESS OTHERWISE SHOWN.  IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS
SPECIFICATIONS	ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", 2014, 7TH EDITION, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", LATEST EDITION, THE DETAILS INCLUDED IN THE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
STANDARDS	ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE STANDARD OF IDOT AS LISTED ON THIS SHEET.
COORDINATION	THE CONTRACTOR SHALL NOTIFY THE ELMHURST PARK DISTRICT (630) 993-8930 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK, AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.  THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S ARTERIAL TRAFFIC CONTROL SUPERVISOR AT Cory.Jucius@illinois.gov SEVENTY-TWO (72) HOURS IN ADVANCE OF BEGINNING WORK.
PUBLIC OR PRIVATE UTILITIES	THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM, IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY OWNERS SO THAT THEIR FACILITIES MAY BE ADJUSTED OR RELOCATED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS UNLESS OTHERWISE NOTED IN THE PLANS. ALL RELOCATION WORK ON EXISTING PRIVATE UTILITIES WILL BE DONE BY THE OWNER OF THAT UTILITY.
	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY.
DISPOSAL OF MATERIALS	THE CONTRACTOR SHALL DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER MATERIALS EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS.
UNSUITABLE MATERIAL	BEFORE REMOVAL OF ANY UNSUITABLE MATERIAL, THE CONTRACTOR SHALL TREAT THE SUBGRADE AS PER ARTICLE 301.03 OF THE "STANDARD SPECIFICATIONS" TO THE SATISFACTION OF THE ENGINEER. UNSUITABLE MATERIAL SHALL NOT BE USED AS EMBANKMENT OR FILL UNDER THE PROPOSED PATH AS SHOWN ON THE TYPICAL CROSS SECTIONS.
STOCKPILES	STOCKPILES OF TOPSOIL AND OTHER MATERIALS SHALL NOT BE LOCATED WITHIN A SPECIAL MANAGEMENT AREA. APPROVAL OF THE LOCATION MUST BE OBTAINED FROM THE ENGINEER PRIOR TO PLACEMENT. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THE EROSION CONTROL MEASURES SHALL BE PROVIDED. STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
ACCESS TO ABUTTING PROPERTY	THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER.
SAW CUTTING	THE LIMITS OF REMOVAL OF ALL CONCRETE OR BITUMINOUS PAVEMENTS, CURBING OR SIDEWALK ADJACENT TO EXISTING LIKE PAVEMENTS, CURBING OR SIDEWALKS SHALL BE SAWCUT IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS" AND AT THE DIRECTION OF THE ENGINEER.
SIDEWALKS	SIDEWALK RAMPS FOR THE HANDICAPPED SHALL BE PROVIDED AT ALL ROADWAY AND CURBED DRIVEWAY INTERSECTIONS AS SHOWN IN THE STANDARDS.  ADJACENT PAVEMENT OR SIDEWALK DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR.
RESTORATION	GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH SIX INCHES OF TOPSOIL AND SEED OR SOD AS SPECIFIED.

**SEDIMENTATION AND EROSION CONTROL NOTES**

- A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
- C. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 14 DAYS AFTER COMPLETION OF FINAL GRADING OF THE SOIL.
- D. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT.
- E. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- F. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION.
- G. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- H. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL PRIOR TO THE START OF ANY EARTHWORK.
- I. NO STOCKPILE OF EARTH WILL BE ALLOWED ON THE PROJECT SITE. ALL MATERIAL SHALL BE REMOVED FROM THE SITE AFTER COMPLETION OF EACH WORK DAY.
- J. EROSION CONTROL MEASURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE DUPAGE COUNTY STORMWATER AND FLOODPLAIN ORDINANCE SPECIFICATIONS AT ALL TIMES.
- K. EROSION CONTROL BLANKET SHALL BE INSTALLED IN LOW CHANNEL OF DETENTION PONDS AND AFTER FINAL GRADING, AND SEEDING OF SITE.

**CONSTRUCTION ACCESS LOCATIONS**

THE CONSTRUCTION ACCESS LOCATIONS SHALL BE PRIMARILY ALONG THE PROPOSED TRAIL WHERE IT MEETS EXISTING ROADS AND DRIVES. THE CONTRACTOR SHALL MINIMIZE ACCESS THROUGH THE EXISTING PARKING LOT.

NO MATERIAL DELIVERY WILL BE ALLOWED THROUGH THE PARKING LOT AFTER 8:30 A.M., MONDAY THROUGH FRIDAY.

THE CONTRACTOR WILL BE ALLOWED TO CLOSE A MAXIMUM OF 1/3 OF THE PARKING SPACES IN THE BACK ROW TO ALLOW FOR CONSTRUCTION OF THE WALL AND TRAIL. HOWEVER, NO CLOSURE OF ANY PARKING SPACES WILL BE ALLOWED ON MONDAYS.

**COMPENSATORY STORAGE**

ALL COMPENSATORY STORAGE SHOULD BE OPERATIONAL PRIOR TO PLACEMENT OF FILL, STRUCTURES, OR OTHER MATERIALS IN THE REGULATORY FLOOD PLAIN. GRADING IN FLOOD PLAIN AREAS SHALL BE DONE IN SUCH A MANNER THAT THE EXISTING FLOOD PLAIN STORAGE IS MAINTAINED AT ALL TIMES.

FILE NAME = M:\2018\18-213 Elmhurst Park District Salt Creek Trail\Design\Transportation\CADD\CADD\_Sheets\Gennote.dgn

USER NAME = JuanS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SALT CREEK GREENWAY TRAIL GENERAL NOTES AND STANDARDS</b>		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	12-P4000-01-BT				DUPAGE	28	2	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 61C21					
PLOT DATE = 8/3/2018	DATE - FEBRUARY 22, 2016	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO
ILLINOIS FED. AID PROJECT									

FILE NAME = M:\2018\18-213 E166001st Park District Salt Creek Trail\Design\Transportation\CADD\CADD Sheets\500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	36
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	15
20101000	TEMPORARY FENCE	FOOT	360
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	3
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3
20200100	EARTH EXCAVATION	CU YD	298
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	537
20400800	FURNISHED EXCAVATION	CU YD	50
20800150	TRENCH BACKFILL	CU YD	13
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1067
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	158
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	948
* 25000115	SEEDING, CLASS 1B	ACRE	0.20
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18
* 25100630	EROSION CONTROL BLANKET	SQ YD	948
* 25200110	SODDING, SALT TOLERANT	SQ YD	40
* 25200200	SUPPLEMENTAL WATERING	UNIT	10
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20
28000400	PERIMETER EROSION BARRIER	FOOT	1610
28100103	STONE RIP RAP, CLASS A2	SQ YD	10
28100105	STONE RIP RAP, CLASS A3	SQ YD	13
28200200	FILTER FABRIC	SQ YD	23

CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	79
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	354
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	1027
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	387
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	114
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	91
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2164
42001300	PROTECTIVE COAT	SQ YD	366
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	174
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	732
42400800	DETECTABLE WARNINGS	SQ FT	101
44000100	PAVEMENT REMOVAL	SQ YD	295
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	187
44000300	CURB REMOVAL	FOOT	60
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	273
44000600	SIDEWALK REMOVAL	SQ FT	1951
50200100	STRUCTURE EXCAVATION	CU YD	101.0
50300225	CONCRETE STRUCTURES	CU YD	47.8
50500505	STUD SHEAR CONNECTORS	EACH	678
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4360
* 50901760	PIPE HANDRAIL	FOOT	368
52200015	PERMANENT SHEET PILING	SQ FT	8916
542A0217	PIPE CULVERTS, CLASS A, TYPE I 12"	FOOT	32

\* = SPECIALTY ITEMS

USER NAME : LindseyB	DESIGNED -	REVISED -
PLOT SCALE : 40.0000' / 1"	DRAWN -	REVISED -
PLOT DATE : 7/16/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SALT CREEK GREENWAY TRAIL  
SUMMARY OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							12-P4000-01-BT	DUPAGE	28	3
								CONTRACT NO. 61C21		
ILLINOIS FED. AID PROJECT										

FILE NAME = M:\2018\18-213 E160024 Per. District Salt Creek Trail\Design\Transportation\CADD\CADD Sheets\SDD.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	27
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2
* 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	23
* 56103520	DUCTILE IRON WATER MAIN 24"	FOOT	10
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60600605	CONCRETE CURB, TYPE B	FOOT	85
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	236
60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	22
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	150
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4
67100100	MOBILIZATION	L SUM	1
67201100	SEALING ABANDONED MONITORING WELLS	EACH	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	11
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5

CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
* 72900100	METAL POST - TYPE A	FOOT	97
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	812
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	10
* A2001010	TREE, ACER RUBRUM (RED MAPLE), 1-1/4" CALIPER, BALLED AND BURLAPPED	EACH	2
* A2002912	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1
* A2006712	TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1
* K0029614	WEED CONTROL, AQUATIC	GALLON	5
* K0029624	WEED CONTROL, TEASEL	GALLON	5
* K1005863	TREE ROOT PRUNING	EACH	6
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1
X0327009	REMOVE SIGN (SPECIAL)	EACH	1
* X2600008	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT	EACH	2
* X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	2
* X5610010	REMOVE AND REINSTALL EXISTING WATER MAIN	FOOT	24
* X5610712	WATER MAIN REMOVAL, 12"	FOOT	18
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	138
Z0013798	CONSTRUCTION LAYOUT	LSUM	1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42.5
Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	104
* Z0055800	RUSTIC RAIL FENCE	FOOT	70
Z0064800	SELECTIVE CLEARING	UNIT	1

\* = SPECIALTY ITEMS

USER NAME = LindseyB	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/16/2018	DATE -	REVISED -

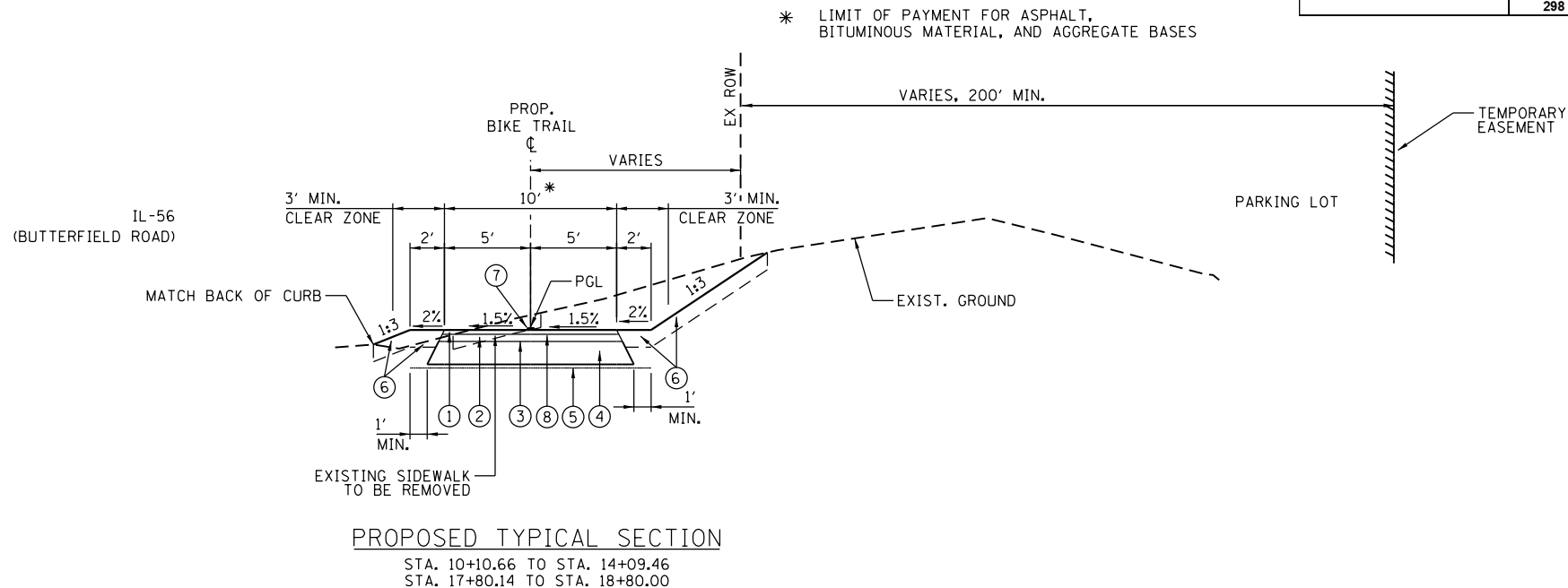
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SALT CREEK GREENWAY TRAIL SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT		28	4
DUPAGE		CONTRACT NO. 61C21	
ILLINOIS FED. AID PROJECT			

**EARTHWORK SCHEDULE**

STATION TO	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) FURNISHED EXCAVATION	UNSUITABLE EXCAVATION (REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL)	UNSUITABLE MATERIAL ADJUSTED FOR SHRINKAGE (15%)	TOPSOIL EXCAVATION AND PLACEMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (UNSUITABLE MATERIAL)
10+00.00	18+80.00	298	254	203	51	537	457	158	299
		<b>298</b>	<b>254</b>	<b>203</b>	<b>51</b>	<b>537</b>	<b>457</b>	<b>158</b>	<b>299</b>



**PROPOSED TYPICAL SECTION**

STA. 10+10.66 TO STA. 14+09.46  
STA. 17+80.14 TO STA. 18+80.00

**LEGEND:**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.50"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- ③ BITUMINOUS MATERIALS (PRIME COAT)
- ④ AGGREGATE BASE COURSE, TYPE B, 8"
- ⑤ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑥ TOPSOIL FURNISH AND PLACE, 6", AND SEEDING, CLASS 1B
- ⑦ PAINT PAVEMENT MARKING, 4" YELLOW
- ⑧ BITUMINOUS MATERIALS (TACK COAT)

**NOTE 1:**

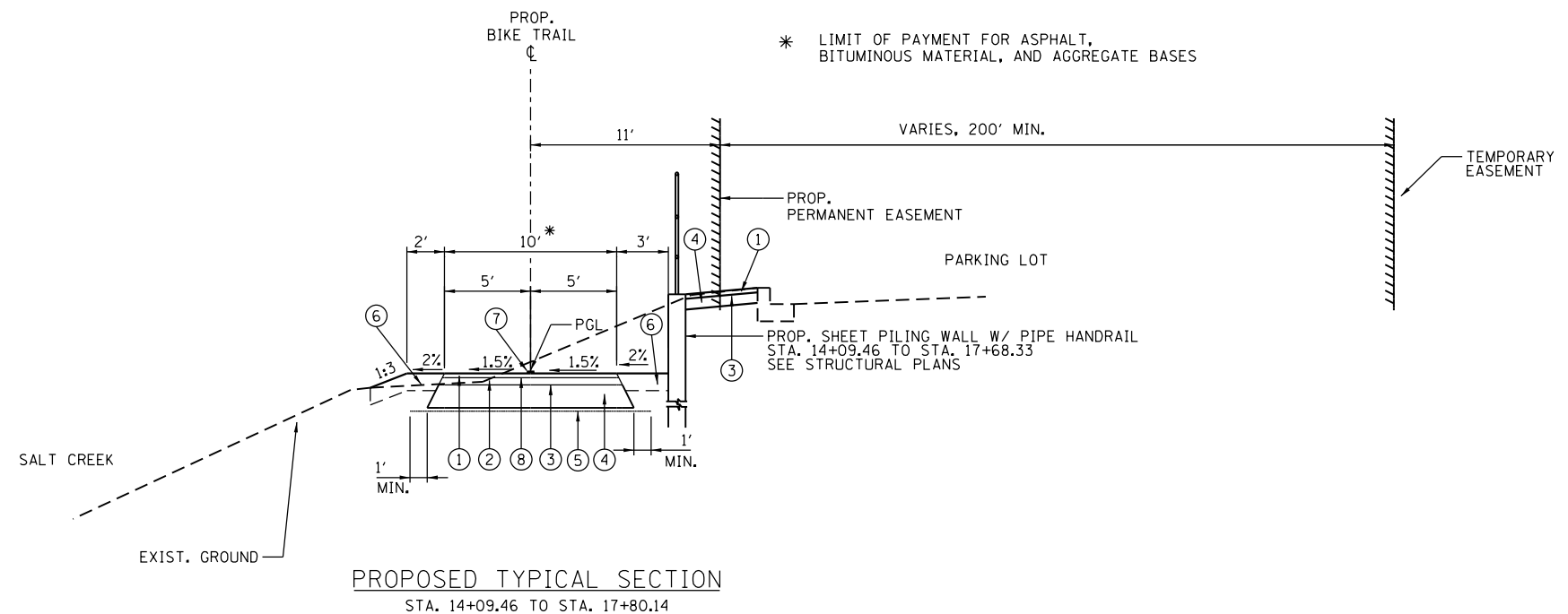
WHERE UNSUITABLE MATERIAL UNDERLIES THE BIKE TRAIL, SHOULDERS AND/OR EMBANKMENT, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT WILL CONSIST OF EXCAVATION OF SUCH UNSUITABLE MATERIAL TO A DEPTH 12" BELOW AGGREGATE BASE COURSE AND PLACEMENT OF 12" OF AGGREGATE SUBGRADE IMPROVEMENT AND A GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.

**NOTE 2:**

ADDITIONAL FILL MATERIAL TO BE PLACED ABOVE FABRIC IN CUT SECTIONS SHALL NOT BE MEASURED FOR PAYMENT. MATERIAL SHALL BE SUITABLE EMBANKMENT MATERIAL.

**NOTE 3:**

AT ALL INTERSECTIONS OF BIKE PATH AND ROADWAYS, DEPRESS THE CURB (IF APPLICABLE) AND MAINTAIN EXISTING PAVEMENT ELEVATIONS.



**PROPOSED TYPICAL SECTION**

STA. 14+09.46 TO STA. 17+80.14

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

BIKE PATH MIXTURE TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL 9.5mm)	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SOYD/IN.

THE AC TYPE FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

FILE NAME = M:\2018\18-213 Elmhurst Park District Salt Creek Trail\Design\Transportation\CADD\CADD Sheets\TypSec\SaltCreek\_Elmhurst.dgn

USER NAME = LindseyB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/16/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SALT CREEK GREENWAY TRAIL  
PROPOSED TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

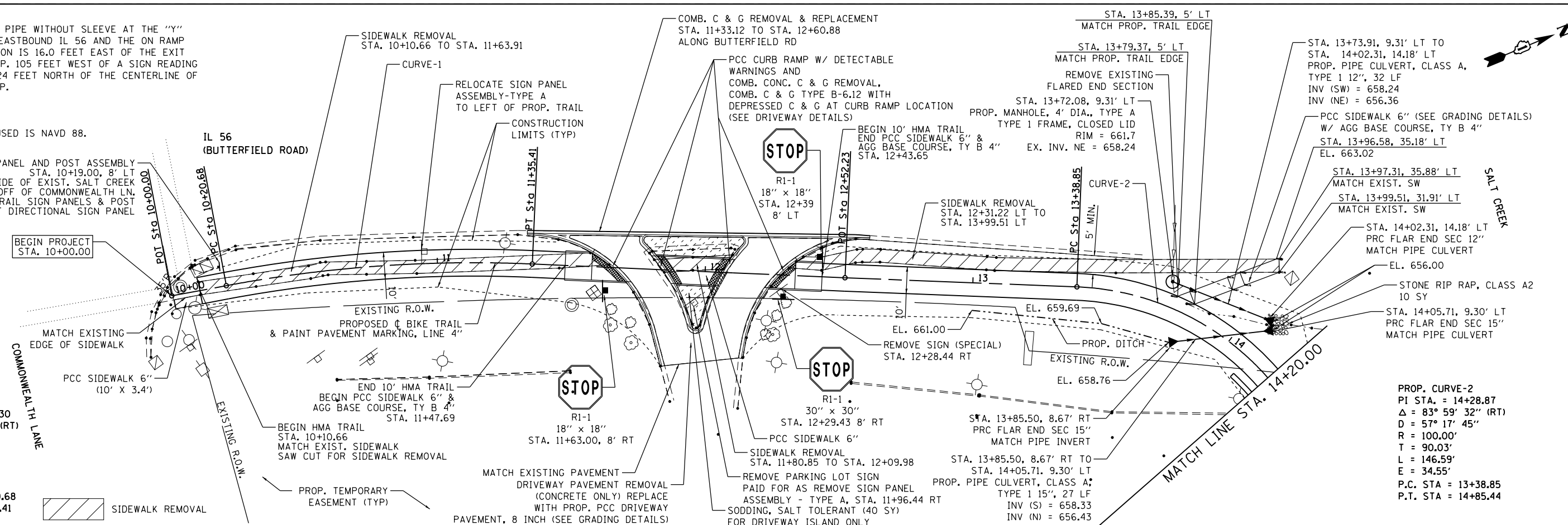
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	5
CONTRACT NO. 61C21			
ILLINOIS FED. AID PROJECT			

BM\_YK23001  
 GALVANIZED STEEL PIPE WITHOUT SLEEVE AT THE "Y"  
 INTERSECTION OF EASTBOUND IL 56 AND THE ON RAMP  
 FOR IL 38. LOCATION IS 16.0 FEET EAST OF THE EXIT  
 SIGN FOR THE RAMP. 105 FEET WEST OF A SIGN READING  
 EAST IL 56, AND 24 FEET NORTH OF THE CENTERLINE OF  
 THE IL 38 ON RAMP.

EL = 679.02  
 VERTICAL DATUM USED IS NAVD 88.

RELOCATED SIGN PANEL AND POST ASSEMBLY  
 STA. 10+19.00, 8' LT  
 FROM WEST SIDE OF EXIST. SALT CREEK  
 TRAIL ENTRANCE OFF OF COMMONWEALTH LN,  
 SALT CREEK TRAIL SIGN PANELS & POST  
 WITH RIGHT DIRECTIONAL SIGN PANEL

PROP. CURVE-1  
 PI STA. = 10+78.30  
 $\Delta = 13^\circ 08' 50''$  (RT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 57.62'$   
 $L = 114.73'$   
 $E = 3.31'$   
 P.C. STA = 10+20.68  
 P.T. STA = 11+35.41

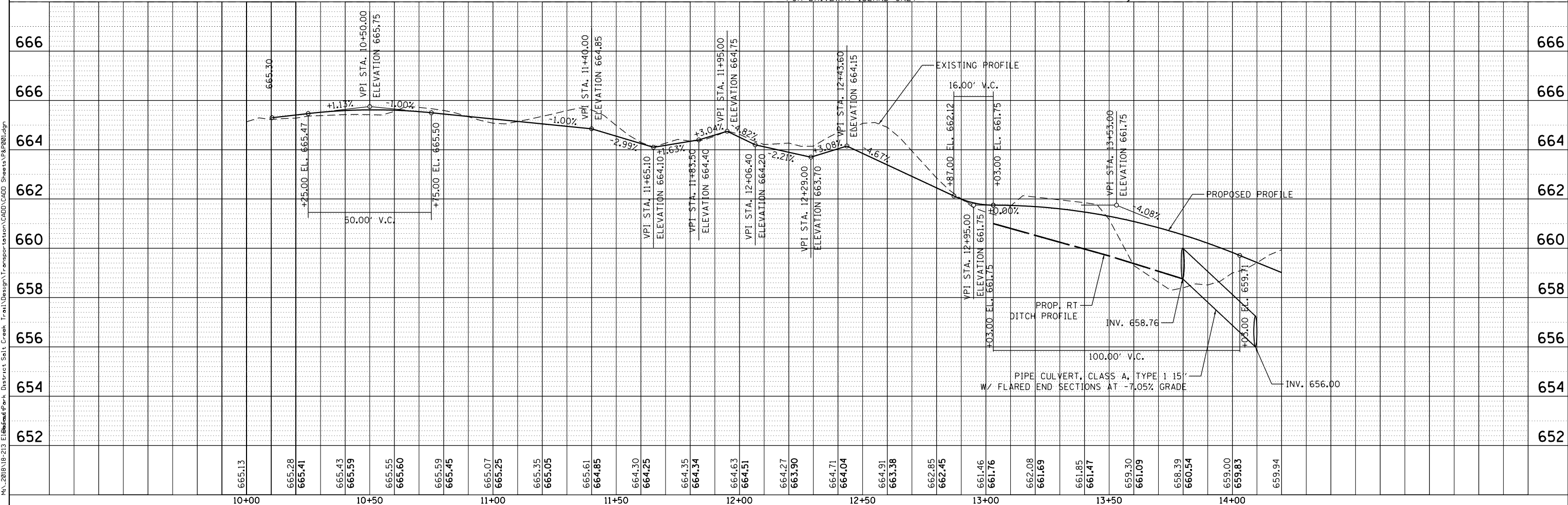


PROP. CURVE-2  
 PI STA. = 14+28.87  
 $\Delta = 83^\circ 59' 32''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 90.03'$   
 $L = 146.59'$   
 $E = 34.55'$   
 P.C. STA = 13+38.85  
 P.T. STA = 14+85.44

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	FILE NAME	

FILE NAME = M:\2018\18-213\_Elkhorn Park District Salt Creek Trail\Design\Transportation\CADD\CADD\_Sheets\PROP001.dgn



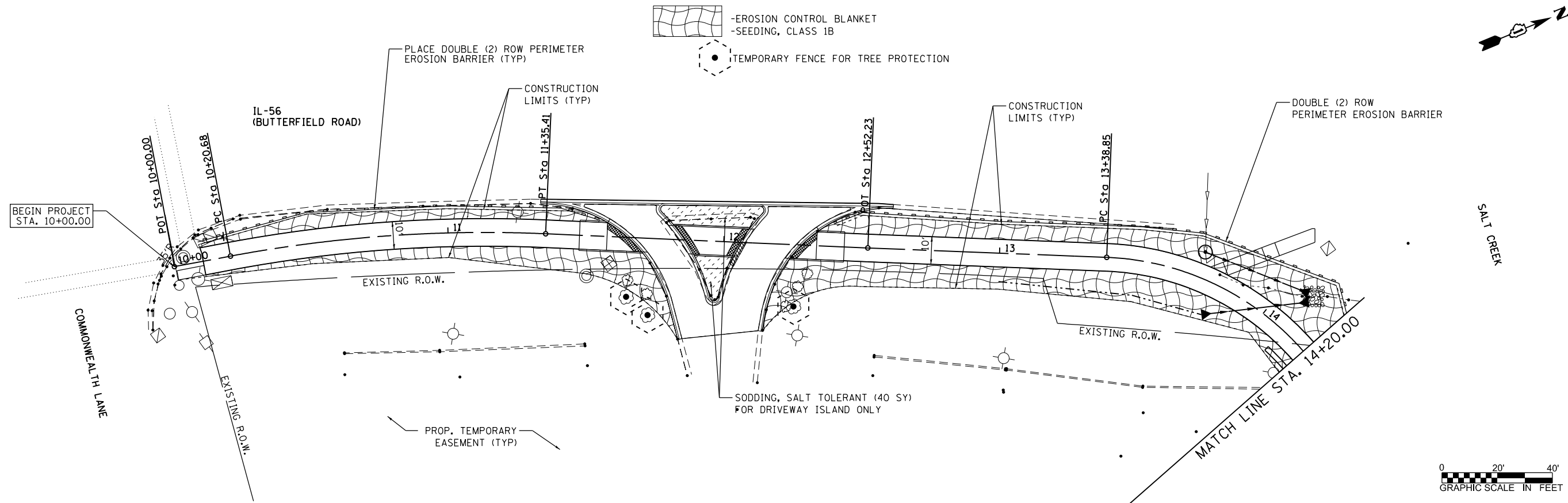
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/16/2018	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

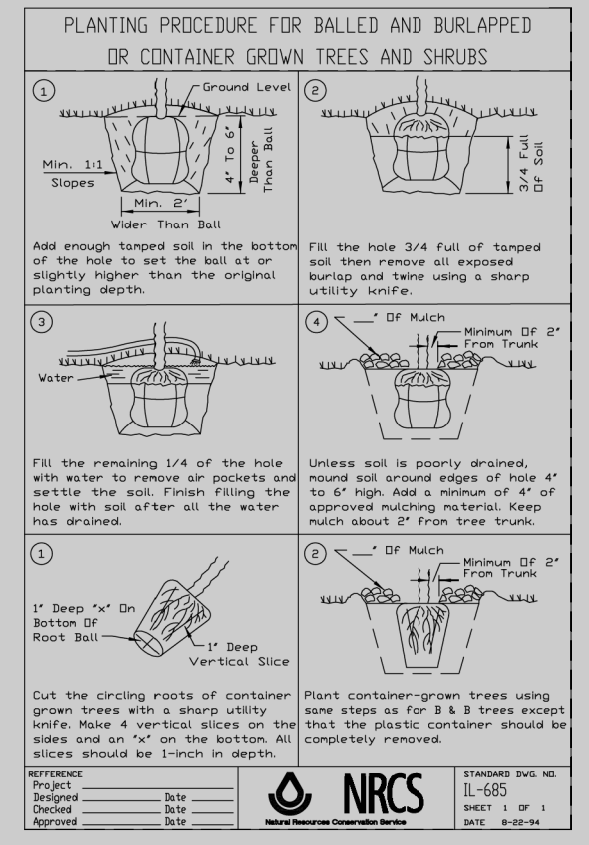
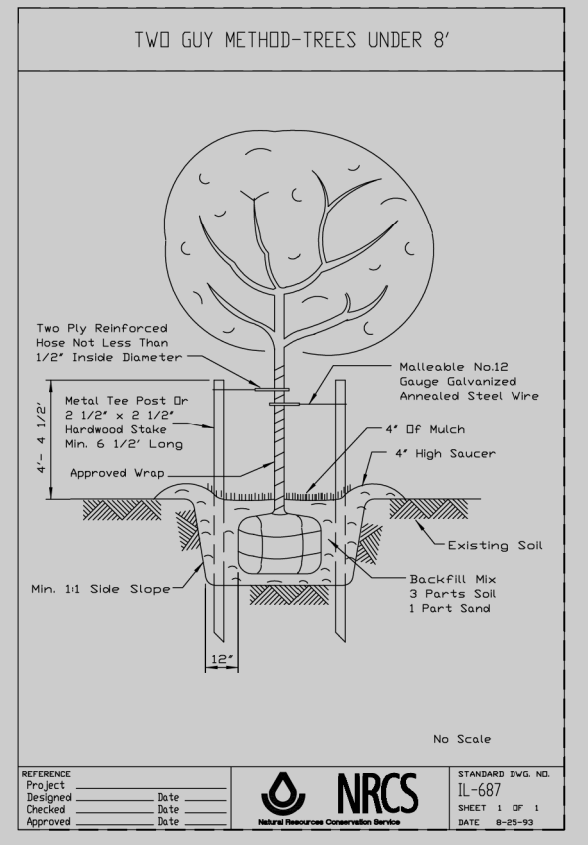
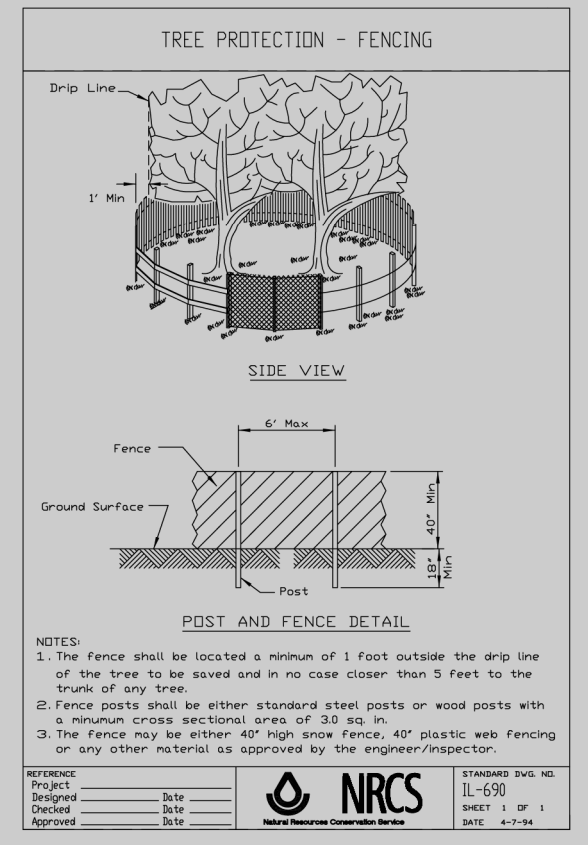
SALT CREEK GREENWAY TRAIL PROPOSED TRAIL PLAN AND PROFILE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	6
CONTRACT NO. 61C21			
ILLINOIS FED. AID PROJECT			





EROSION CONTROL & LANDSCAPING DETAILS (1 OF 2)



FILE NAME = M:\2018\18-213 Elmhurst Park District Salt Creek Trail\Design\Transportation\CADD\CADD\_Sheets\Eros\_P&P201.dgn

USER NAME = LindseyB	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/16/2018	CHECKED -	REVISED -
	DATE -	REVISED -

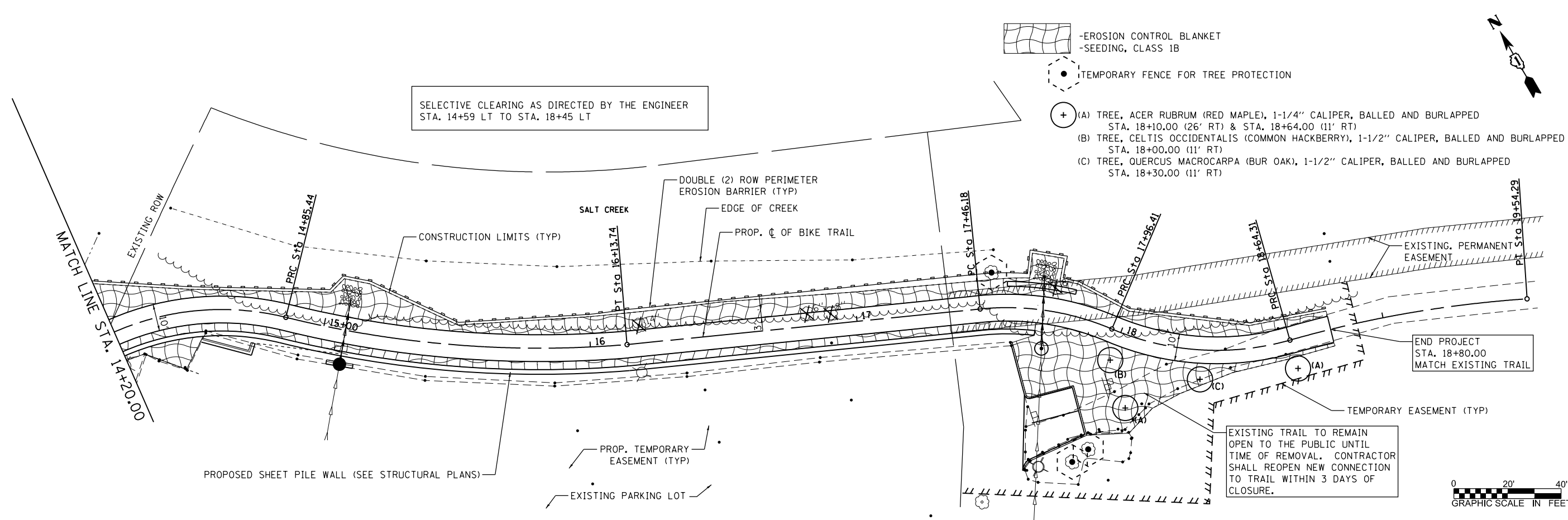
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SALT CREEK GREENWAY TRAIL PROPOSED EROSION CONTROL & LANDSCAPING PLAN	
SCALE:	SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 14+20.00

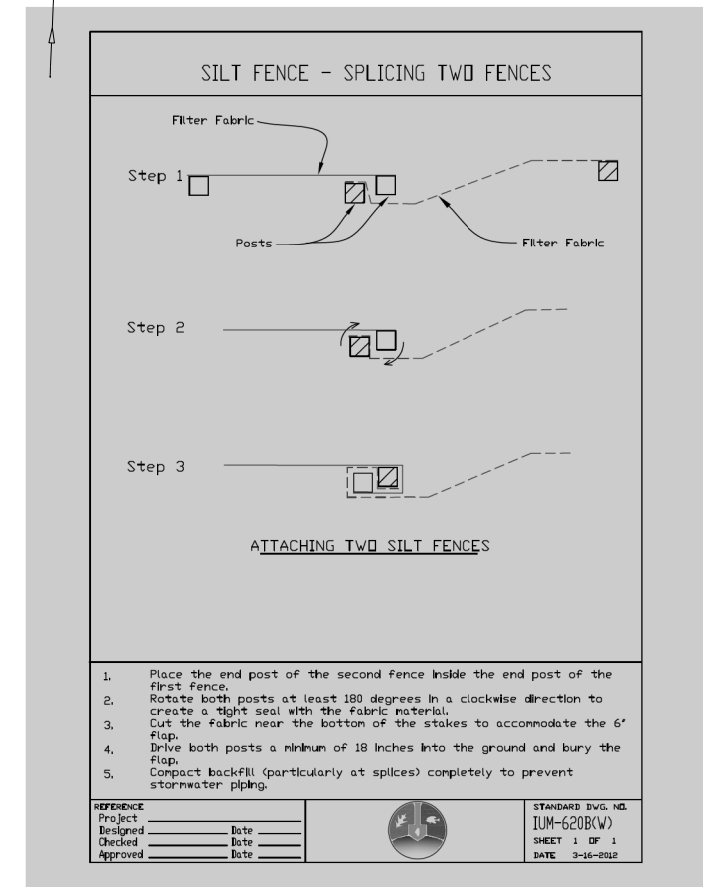
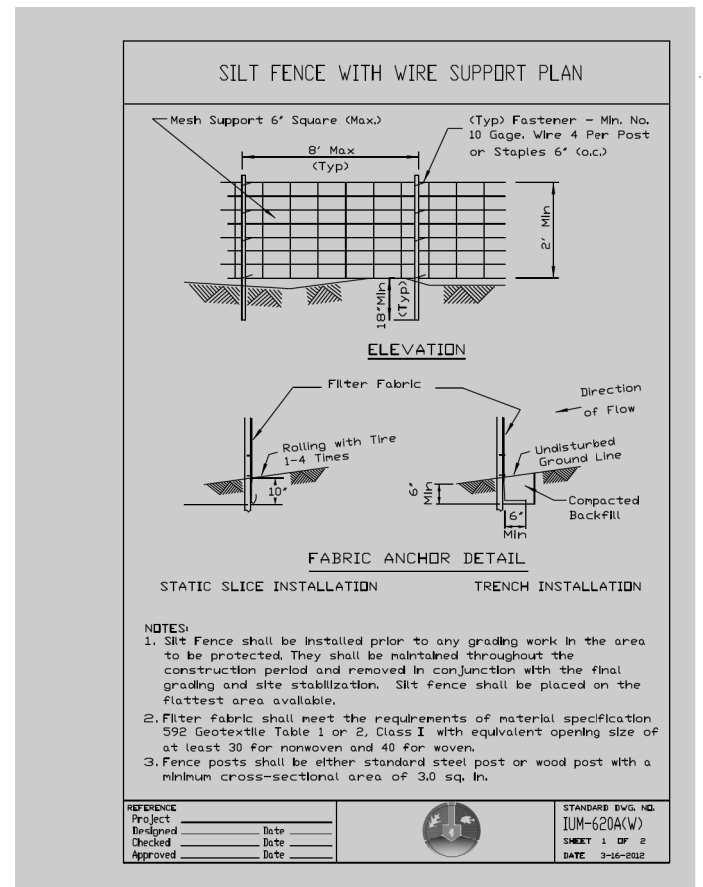
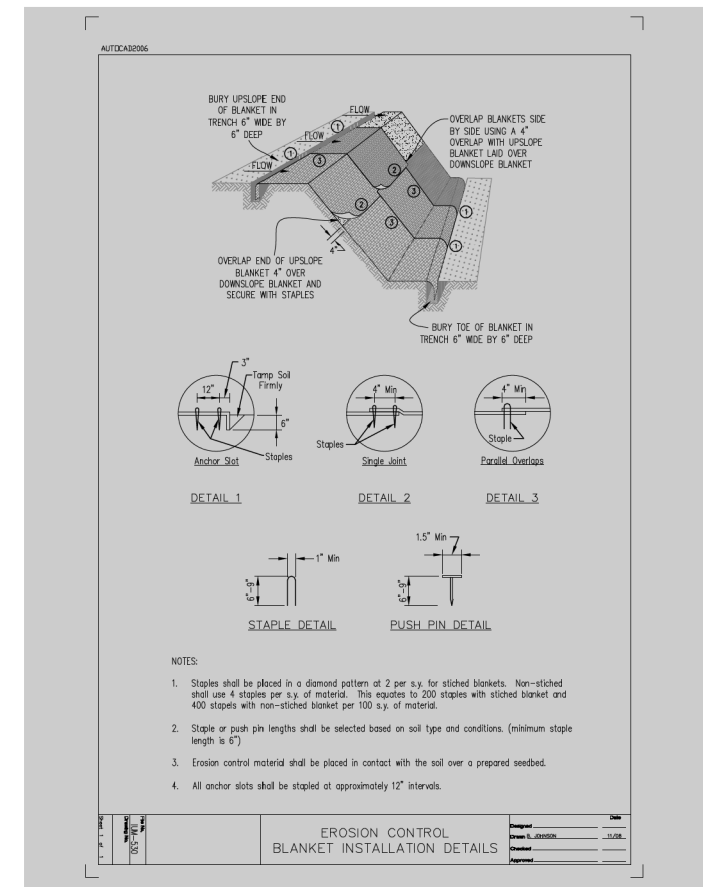
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	8
CONTRACT NO. 61C21			
ILLINOIS FED. AID PROJECT			



FILE NAME = M:\2018\18-213\_ElginRoad-Park\_District\_Salt\_Creek\_Trail\Design\Transportation\CADD\CADD\_Sheets\Eros\_P&P202.dgn



EROSION CONTROL & LANDSCAPING DETAILS (2 OF 2)



USER NAME = LindseyB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/16/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

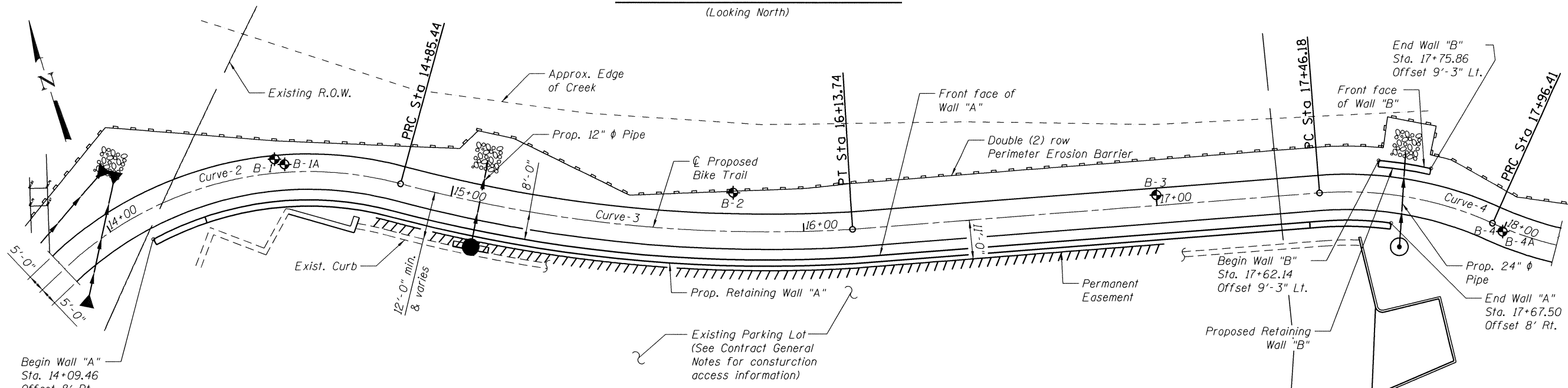
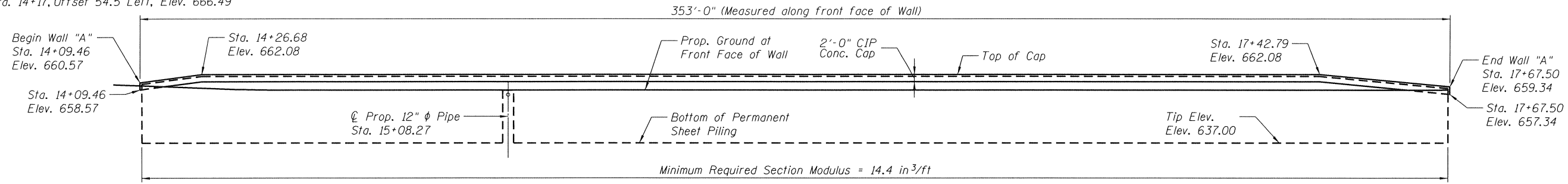
SALT CREEK GREENWAY TRAIL  
PROPOSED EROSION CONTROL & LANDSCAPING PLAN  
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 14+20 TO STA. 18+80

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	9
CONTRACT NO. 61C21			
ILLINOIS FED. AID PROJECT			

Bench Mark  
Disc on top of parapet wall on IL 56 Bridge over Salt Creek  
at southwest bridge abutment.  
Sta. 14+17, Offset 54.5 Left, Elev. 666.49

**INDEX OF SHEETS**

- S-1 General Plan and Elevation
- S-2 Retaining Wall "A" Details
- S-3 Retaining Wall "B" Details
- S-4 Pipe Handrail Details
- S-5 Soil Boring Logs 1
- S-6 Soil Boring Logs 2
- S-7 Soil Boring Logs 3



**CURVE-4 DATA**

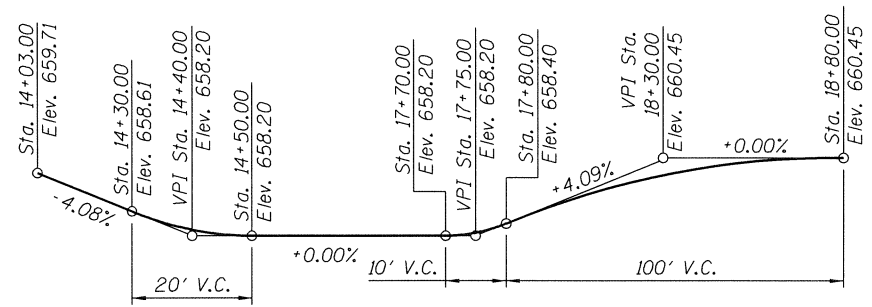
PI STA. = 17+71.84  
 $\Delta = 28^\circ 46' 47''$  (RT)  
 D = 57° 17' 45"  
 R = 100.00'  
 T = 25.66'  
 L = 50.23'  
 E = 3.24'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 17+46.18  
 P.T. STA = 17+96.41

**CURVE-2 DATA**

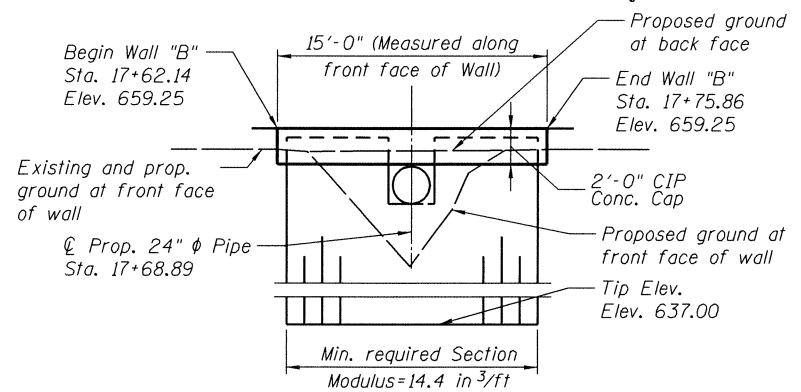
PI STA. = 14+28.87  
 $\Delta = 83^\circ 59' 32''$  (RT)  
 D = 57° 17' 45"  
 R = 100.00'  
 T = 90.03'  
 L = 146.59'  
 E = 34.55'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 13+38.85  
 P.T. STA = 14+85.44

**CURVE-3 DATA**

PI STA. = 15+50.16  
 $\Delta = 18^\circ 37' 37''$  (LT)  
 D = 14° 31' 07"  
 R = 394.64'  
 T = 64.72'  
 L = 128.30'  
 E = 5.27'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA = 14+85.44  
 P.T. STA = 16+13.74



**PROFILE GRADE - PROPOSED BIKE TRAIL**



**REFLECTED ELEVATION WALL "B"**  
(Looking North)

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	Wall "A"	Wall "B"	TOTAL
Structure Excavation	Cu. Yd.	101	-	101
Concrete Structures	Cu. Yd.	45.8	2.0	47.8
Stud Shear Connectors	Each	648	30	678
Reinforcement Bars, Epoxy Coated	Pound	4,180	180	4,360
Pipe Handrail	Foot	353	15	368
Permanent Sheet Piling	Sq. Ft.	8,611	305	8,916

**GENERAL PLAN AND ELEVATION  
SALT CREEK GREENWAY TRAIL  
SHEET PILE WALLS  
SEC. 12-P4000-01-BT  
DUPAGE COUNTY  
STATION 14+09.46 TO 17+67.50 (RT)  
& 17+62.14 TO 17+75.86 (LT)**



PATRICK M. HANNEMANN, S.E.  
 LICENSE NO.: 081-007568  
 EXPIRES: NOVEMBER 30, 2018  
 DATE: 7/5/18

"I certify that to the best of my knowledge and belief, this wall design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current AASHTO LRFD Specifications for Highway Bridges"

**DESIGN SPECIFICATIONS**

AASHTO LRFD Bridge Design Specifications,  
7th Edition, with 2015 Interims

**DESIGN STRESSES**

FIELD UNITS  
 $f'_c = 3,500$  P.S.I.  
 $F_y = 60,000$  P.S.I. (Reinf.)  
 $F_y = 50,000$  P.S.I. (ASTM A572 Grade 50 Sheet Piling)

**LEGEND**

- ◆ Indicates soil boring or hand auger location
- U.N.O. Indicates "Unless Noted Otherwise"

**GENERAL NOTES**

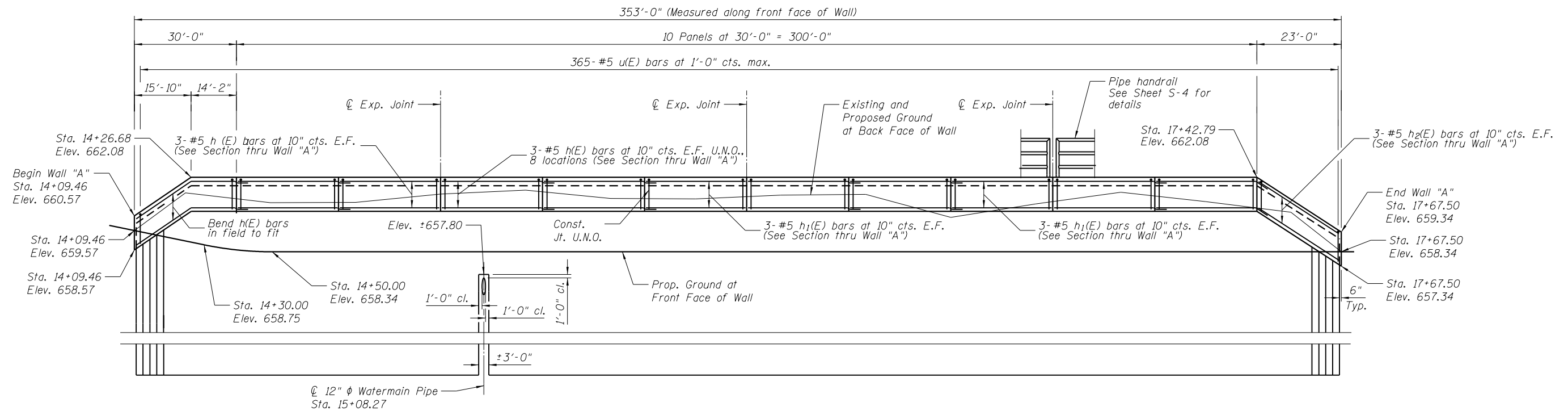
1. Reinforcement bars designated (E) shall be epoxy coated.
2. Stations and offsets are taken to the front face of the wall cap.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

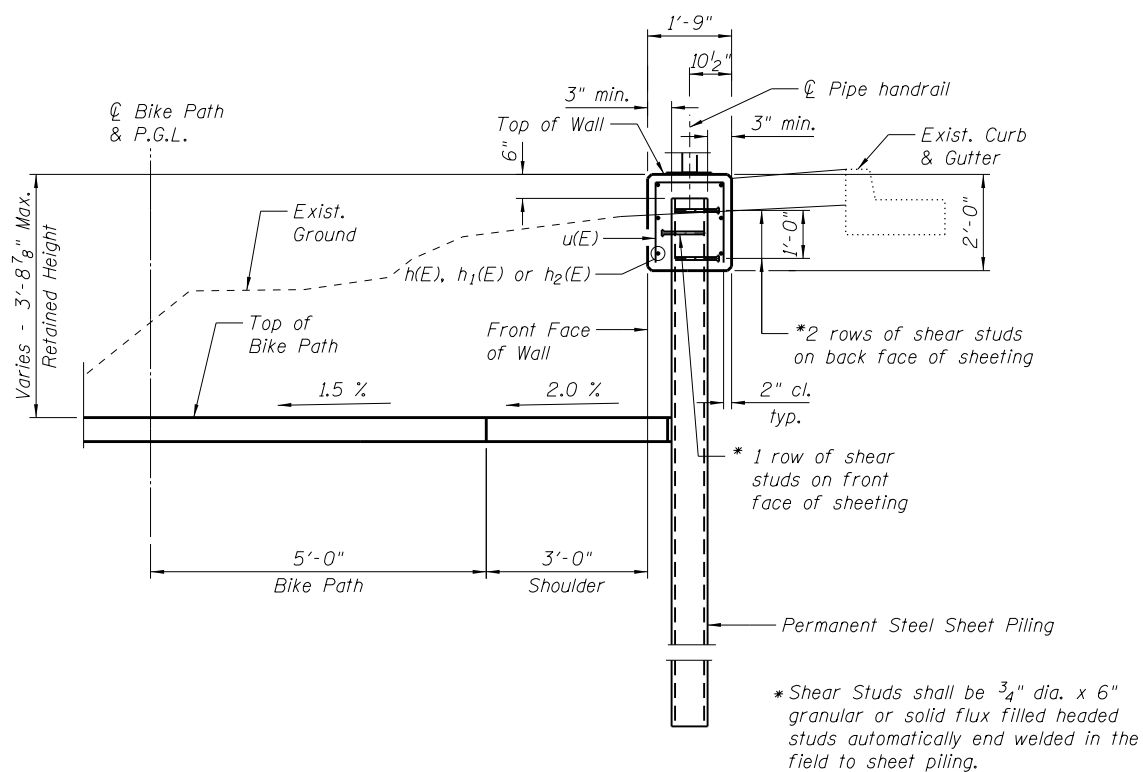
SHEET NO. S-1 OF S-7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 61C21
ILLINOIS FED. AID PROJECT				

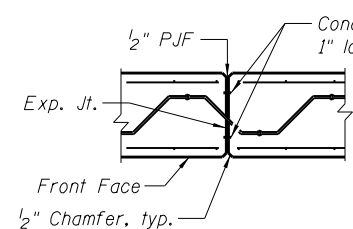
USER NAME	DESIGNED	REVISIONS
	AFCOM	REVISIONS
	PMH	REVISIONS
	AFCOM	REVISIONS
	PMH	REVISIONS



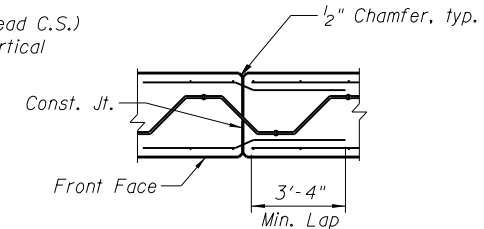
**REFLECTED ELEVATION WALL "A"**



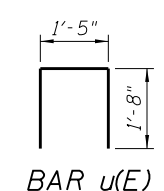
**SECTION THRU WALL "A"**



**EXPANSION JOINT DETAILS**  
(Spacing 90'-0" max.)



**CONSTRUCTION JOINT DETAILS**  
(Spacing 30'-0" max.)



**BAR u(E)**

Note: For Railing Details, see Sheet S-4

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	48	#5	33'-4"	—
h <sub>1</sub> (E)	18	#5	29'-8"	—
h <sub>2</sub> (E)	6	#5	22'-10"	—
u(E)	365	#5	4'-9"	□
Structure Excavation			Cu. Yd.	101
Concrete Structures			Cu. Yd.	45.8
Stud Shear Connectors			Each	648
Reinforcement Bars, Epoxy Coated			Pound	4,180
Permanent Sheet Piling			Sq. Ft.	8,611

**MINIMUM BAR LAP**  
#5 Bar = 3'-4"

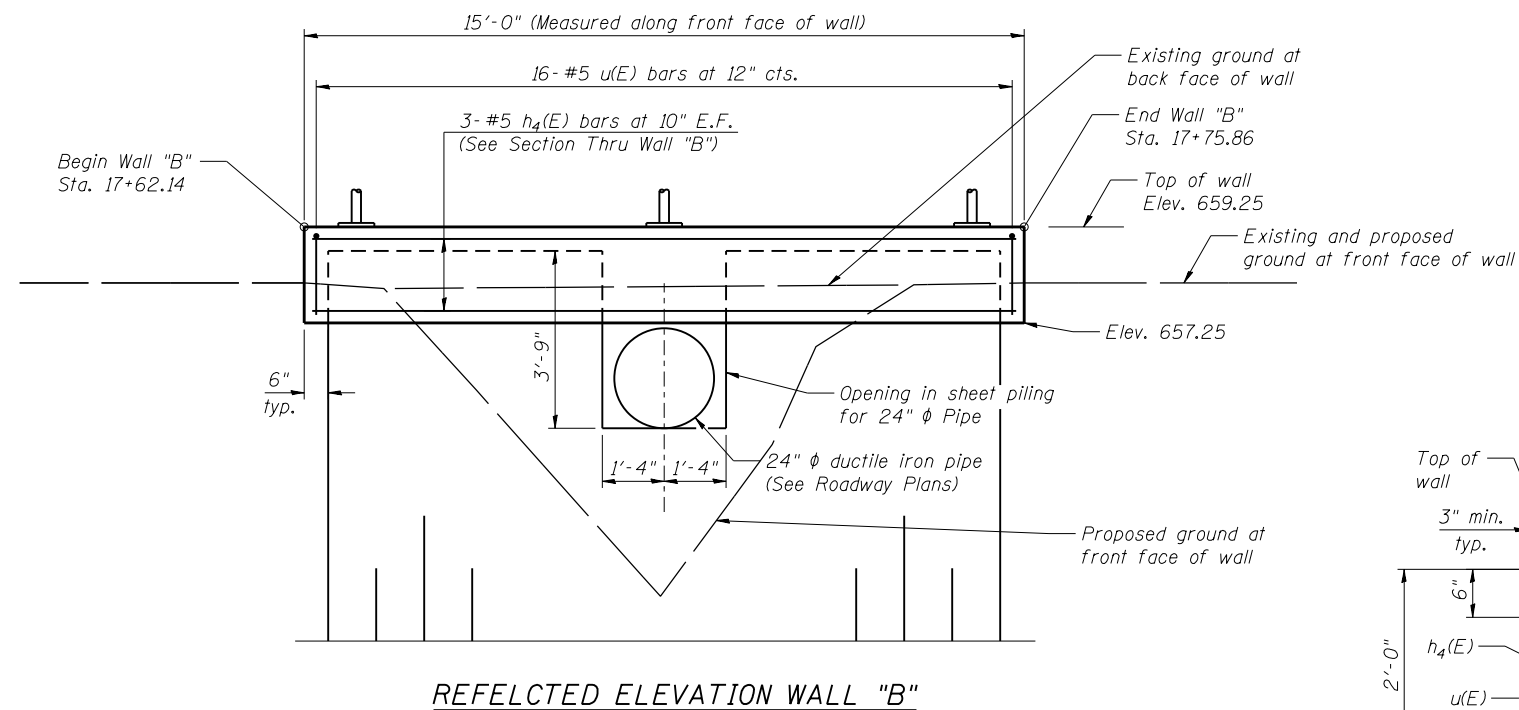
USER NAME =	DESIGNED - AECOM	REVISED
	CHECKED - PMH	REVISED
PLOT SCALE =	DRAWN - AECOM	REVISED
PLOT DATE = 7/16/2018	CHECKED - PMH	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

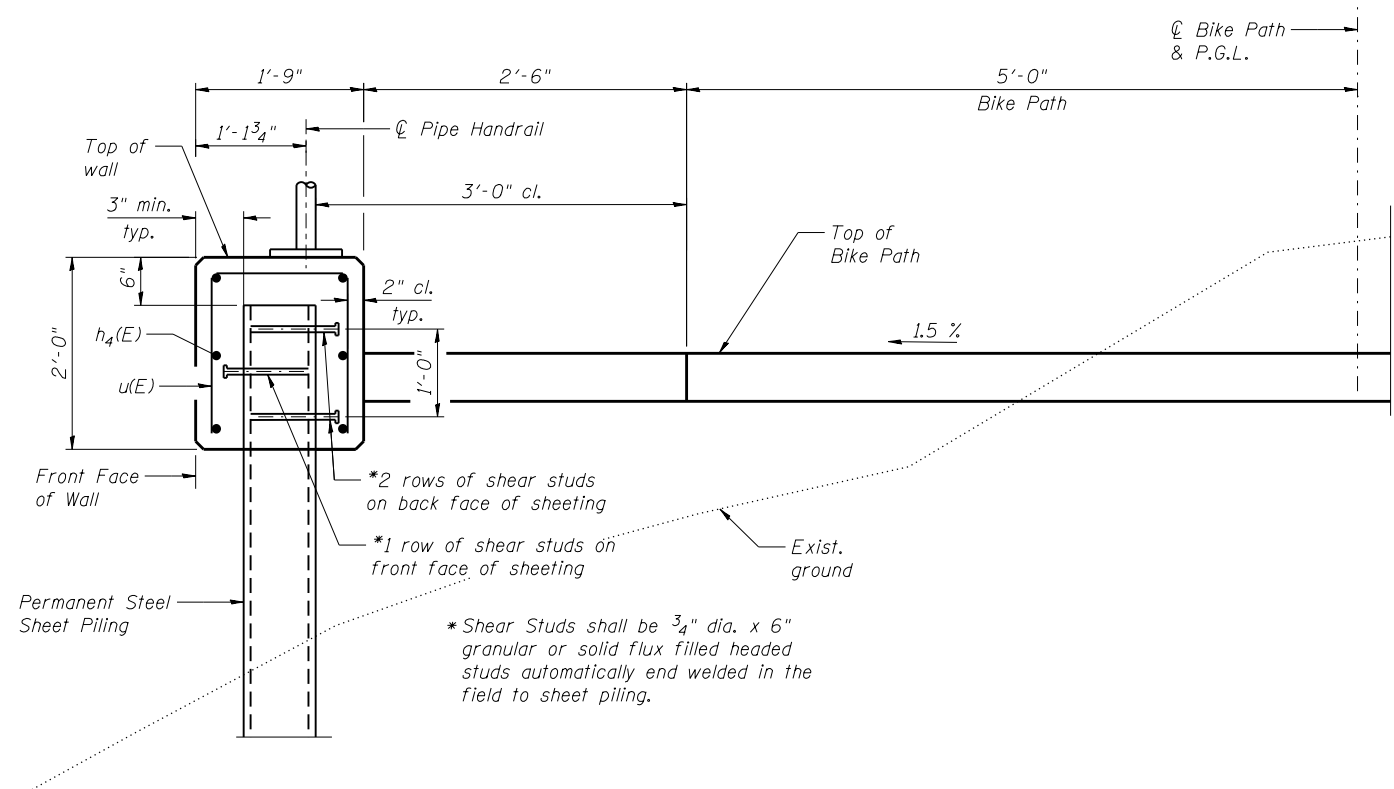
**RETAINING WALL "A" DETAILS**

SHEET NO. S-2 OF S-7 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	11
CONTRACT NO. 61C21			
ILLINOIS FED. AID PROJECT			



REFLECTED ELEVATION WALL "B"

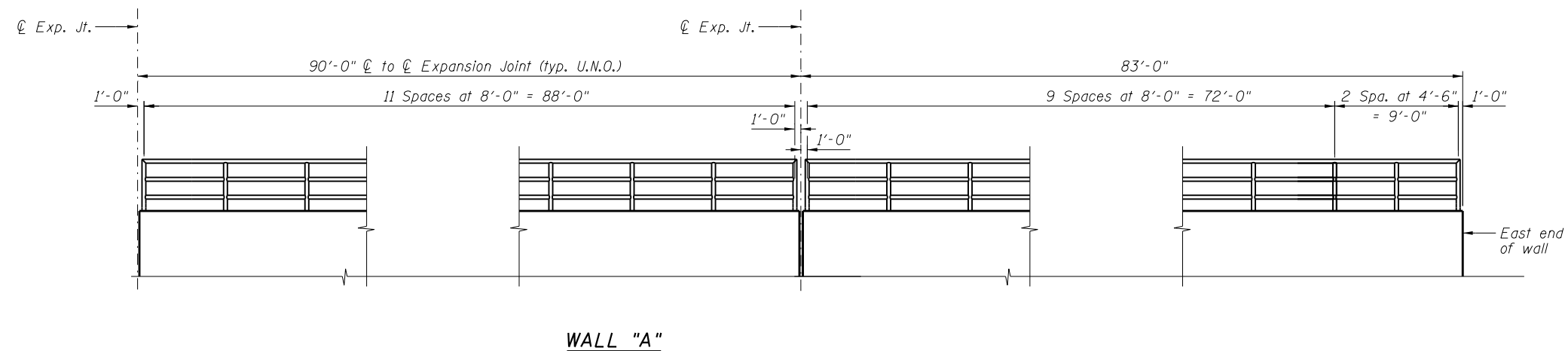
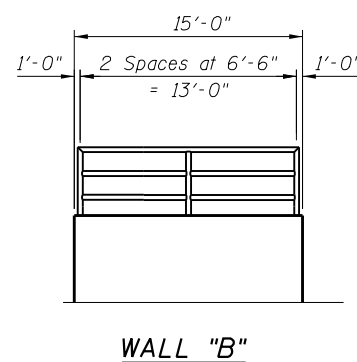
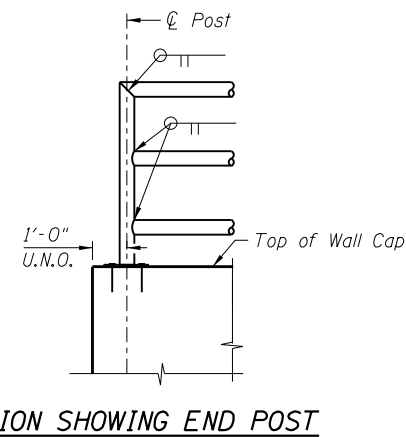
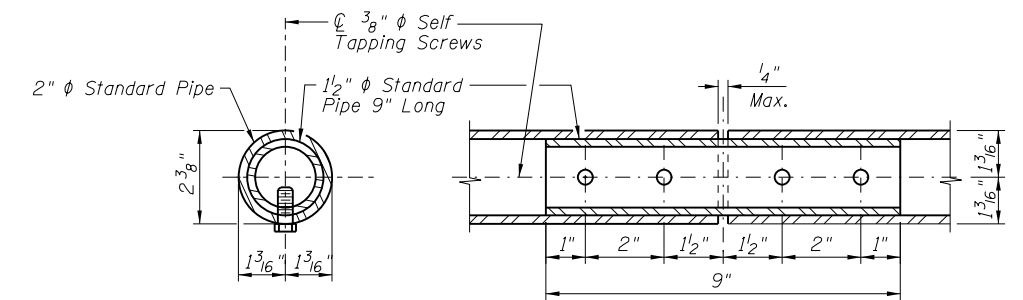
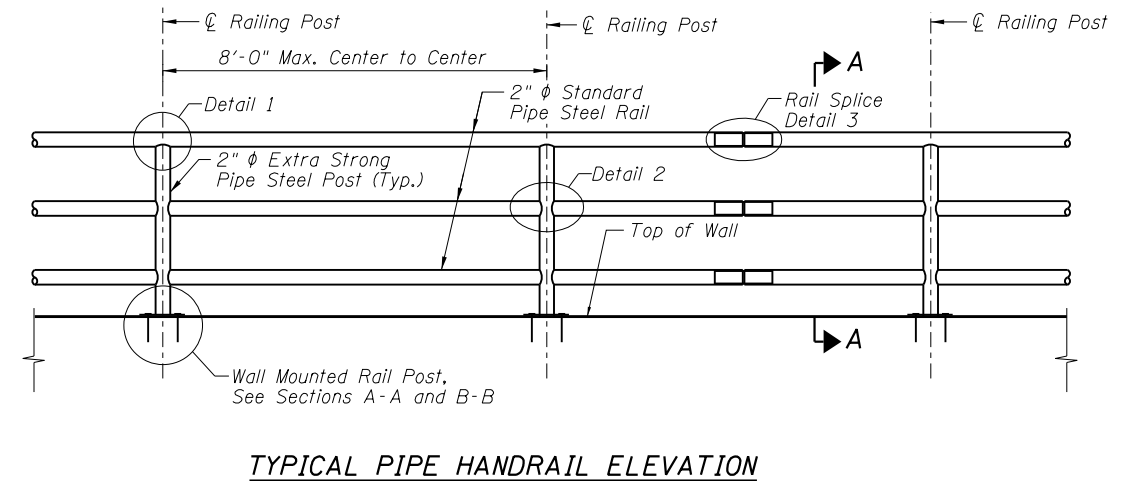
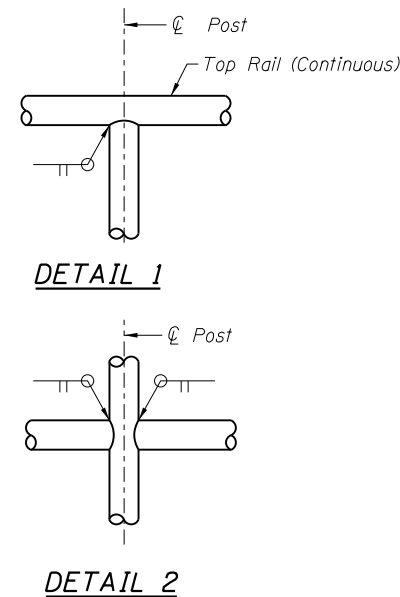
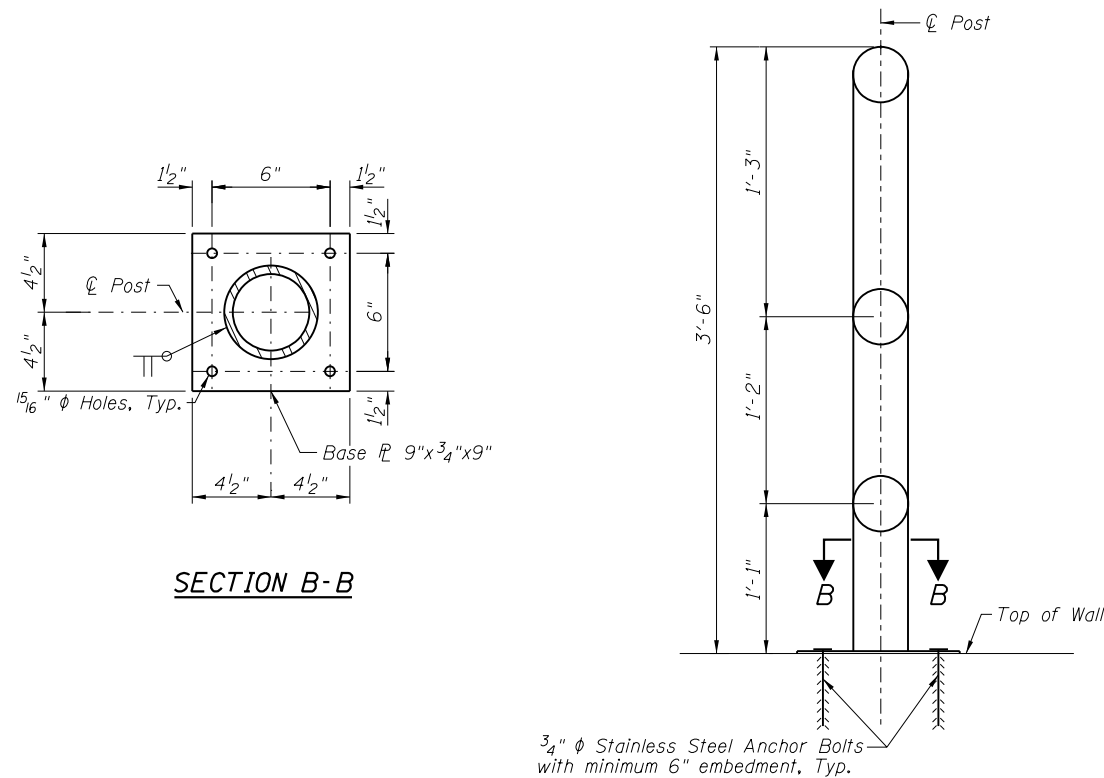


SECTION THRU WALL "B"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h <sub>4</sub> (E)	6	#5	14'-8"	—
u(E)	16	#5	4'-9"	⊏
Concrete Structures			Cu. Yd.	2.0
Stud Shear Connectors			Each	30
Reinforcement Bars, Epoxy Coated			Pound	180
Permanent Sheet Piling			Sq. Ft.	305

Notes:  
 For details of bar u(E), see Sheet S-2  
 For Railing Details, see Sheet S-4



**NOTES**

1. Railing shall be according to Section 509 of the Standard Specifications.
2. Railing shall match the horizontal alignment and vertical profile of the Wall.
3. Steel pipe shall conform to the requirements of ASTM A53, Grade B.

USER NAME =	DESIGNED - AECOM	REVISED
	CHECKED - PMH	REVISED
PLOT SCALE =	DRAWN - AECOM	REVISED
PLOT DATE = 7/16/2018	CHECKED - PMH	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PIPE HANDRAIL DETAILS**

SHEET NO. S-4 OF S-7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	13
CONTRACT NO. 61C21				
ILLINOIS FED. AID PROJECT				

AGI Job No. 14-235		BORING LOG NO. B-1			Sheet 1 of 1						
CLIENT		PROJECT									
URS Corporation		Salt Creek Bike Trail									
STATION:		LOCATION									
OFFSET (ft):		Butterfield Road and Commonwealth Lane									
COUNTY:		SAMPLES			TESTS						
DuPage		DEPTH (FT.)	SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	VANE SHEAR tsf	Qu tsf Failure Type	HNu Units, ppm	Est. Coefficient of Permeability k, (cm/sec)
CITY & STATE:		SURFACE ELEVATION		Datum:							
Elmhurst, Illinois		1.0									
		3.0									
		5.0									
		8.0									
		End Of Boring									
WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc.			STARTED		FINISHED				
WL 7.5 WS		2385 Hammond Drive, Suite 6			10-30-14		10-30-14				
WL		Schaumburg, Illinois 60173			DRILL CO. WILLIAMS		DRILL RIG				
WL		Tel: (847) 303-0300			DRILLER BILL		ASS'T DRILLER				
WL		Fax: (847) 303-0900			ENG/GEOL.		APPROVED		A.M.		

AGI 13-235 - URS - SALT CREEK BIKE TRAIL.GPJ 11/13/14

AGI Job No. 14-235		BORING LOG NO. B-1A			Sheet 1 of 1						
CLIENT		PROJECT									
URS Corporation		Salt Creek Bike Trail									
STATION:		LOCATION									
OFFSET (ft):		Butterfield Road and Commonwealth Lane									
COUNTY:		SAMPLES			TESTS						
DuPage		DEPTH (FT.)	SPT-N BLOWS / FT.	NUMBER	TYPE	% RECOVERY	MOISTURE, %	VANE SHEAR tsf	Qu tsf Failure Type	HNu Units, ppm	Est. Coefficient of Permeability k, (cm/sec)
CITY & STATE:		SURFACE ELEVATION		Datum:							
Elmhurst, Illinois		1.0									
		5.0									
		12.0									
		19.0									
		20.0									
		End Of Boring									
WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc.			STARTED		FINISHED				
WL 8 WS		2385 Hammond Drive, Suite 6			11-9-14		11-9-14				
WL 9.2 AB		Schaumburg, Illinois 60173			DRILL CO. DIRECT		DRILL RIG				
WL 12.3 Cave In		Tel: (847) 303-0300			DRILLER DAN		ASS'T DRILLER				
		Fax: (847) 303-0900			ENG/GEOL.		APPROVED		A.M.		

AGI 13-235 - URS - SALT CREEK BIKE TRAIL.GPJ 11/13/14

USER NAME =	DESIGNED - AECOM	REVISED
	CHECKED - PMH	REVISED
PLOT SCALE =	DRAWN - AECOM	REVISED
PLOT DATE = 7/16/2018	CHECKED - PMH	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 1

SHEET NO. S-5 OF S-7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	14
CONTRACT NO. 61C21				
ILLINOIS FED. AID PROJECT				

AGI Job No. 14-235		BORING LOG NO. B-2		Sheet 1 of 1	
CLIENT		PROJECT			
URS Corporation		Salt Creek Bike Trail			
STATION:		LOCATION			
OFFSET (ft):		Butterfield Road and Commonwealth Lane			
COUNTY:		SAMPLES		TESTS	
DuPage		DEPTH (FT.)	SPT-N BLOWS / FT.	NUMBER	TYPE
CITY & STATE:		MOISTURE, %	VANE SHEAR tsf	Qu tsf Failure Type	HNu Units, ppm
Elmhurst, Illinois		% RECOVERY	EST. COEFFICIENT OF PERMEABILITY k <sub>v</sub> (cm/sec)		
SURFACE ELEVATION Datum:					
1.0 Topsoil, silty sandy clay, with roots, black					
FILL, silty clay, with topsoil, sand, gravel, and roots, dark brown to black, hard to very stiff			26	1	
4.5			22	2	HA
SILTY CLAY, with sand, gravel, and roots, brown-gray, medium stiff to soft, wet, (CL)			6	3	
8.0			5	4	
End Of Boring					
WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc.		STARTED	10-30-14
WL	▽ 7 WS	2385 Hammond Drive, Suite 6		DRILL CO.	WILLIAMS
WL	▽	Schaumburg, Illinois 60173		DRILL RIG	
WL	▽	Tel: (847) 303-0300		DRILLER	BILL
WL	▽	Fax: (847) 303-0900		ASS'T DRILLER	
		ENG/GEOL.		APPROVED	A.M.

AGI 13-235 - URS - SALT CREEK BIKE TRAIL.GPJ 11/13/14

AGI Job No. 14-235		BORING LOG NO. B-3		Sheet 1 of 1	
CLIENT		PROJECT			
URS Corporation		Salt Creek Bike Trail			
STATION:		LOCATION			
OFFSET (ft):		Butterfield Road and Commonwealth Lane			
COUNTY:		SAMPLES		TESTS	
DuPage		DEPTH (FT.)	SPT-N BLOWS / FT.	NUMBER	TYPE
CITY & STATE:		MOISTURE, %	VANE SHEAR tsf	Qu tsf Failure Type	HNu Units, ppm
Elmhurst, Illinois		% RECOVERY	EST. COEFFICIENT OF PERMEABILITY k <sub>v</sub> (cm/sec)		
SURFACE ELEVATION Datum:					
1.0 Topsoil, silty sandy clay, with gravel and roots, black					
FILL, silty clay, with sand and gravel, brown, very stiff			18	1	
4.0			20	2	
SILTY CLAY, with sand and gravel, brown, very stiff, (CL)			19	3	HA
5.0			23	3	
CORSE SAND AND GRAVEL, brown, medium dense, wet, (SW)			6	4	
SILTY CLAY, with sand and gravel, brown-gray, soft, (CL)			40	5	
7.5					
8.0					
COARSE SAND AND STONE, gray, dense, wet, (SW-GP)					
End Of Boring					
WATER LEVEL OBSERVATIONS		Applied GeoScience, Inc.		STARTED	10-30-14
WL	▽ 7.5 WS	2385 Hammond Drive, Suite 6		DRILL CO.	WILLIAMS
WL	▽ 7	Schaumburg, Illinois 60173		DRILL RIG	
WL	▽	Tel: (847) 303-0300		DRILLER	BILL
WL	▽	Fax: (847) 303-0900		ASS'T DRILLER	
		ENG/GEOL.		APPROVED	A.M.

AGI 13-235 - URS - SALT CREEK BIKE TRAIL.GPJ 11/13/14

USER NAME =	DESIGNED - AECOM	REVISED
	CHECKED - PMH	REVISED
PLOT SCALE =	DRAWN - AECOM	REVISED
PLOT DATE = 7/16/2018	CHECKED - PMH	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 2

SHEET NO. S-6 OF S-7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	15
CONTRACT NO. 61C21				
ILLINOIS FED. AID PROJECT				

AGI Job No. 14-235		BORING LOG NO. B-4		Sheet 1 of 1	
CLIENT		PROJECT			
URS Corporation		Salt Creek Bike Trail			
STATION:		LOCATION			
OFFSET (ft):		Butterfield Road and Commonwealth Lane			
COUNTY:		SAMPLES		TESTS	
DuPage		DEPTH (FT.)	SPT-N BLOWS / FT.	NUMBER	TYPE
CITY & STATE: Elmhurst, Illinois				% RECOVERY	MOISTURE, %
SURFACE ELEVATION Datum:				VANE SHEAR tsf	Cu tsf Failure Type
1.0 Topsoil, silty sandy clay, with roots and gravel, black					HNu Units, ppm
FILL, silty clay, with topsoil, sand, and gravel, brown, very stiff					Est. Coefficient of Permeability k <sub>v</sub> (cm/sec)
5.0					
SILTY CLAY, trace sand and gravel, brown, medium stiff, wet, (CL)					
8.0					
End Of Boring					
30		1	24	2.25	
22		2	21	2	
5		3	20	0.75	
6		4	25	0.5	

WATER LEVEL OBSERVATIONS		<b>Applied GeoScience, Inc.</b> 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900	STARTED 10-30-14	FINISHED 10-30-14
WL	▽ 7.5 WS		DRILL CO. WILLIAMS	DRILL RIG
WL	▼ 7.5 AB		DRILLER BILL	ASST DRILLER
WL	▼		ENG/GEOL.	APPROVED A.M.

AGI 13-235 - URS - SALT CREEK BIKE TRAIL.GPJ 11/13/14

AGI Job No. 14-235		BORING LOG NO. B-4A		Sheet 1 of 1	
CLIENT		PROJECT			
URS Corporation		Salt Creek Bike Trail			
STATION:		LOCATION			
OFFSET (ft):		Butterfield Road and Commonwealth Lane			
COUNTY:		SAMPLES		TESTS	
DuPage		DEPTH (FT.)	SPT-N BLOWS / FT.	NUMBER	TYPE
CITY & STATE: Elmhurst, Illinois				% RECOVERY	MOISTURE, %
SURFACE ELEVATION Datum:				VANE SHEAR tsf	Cu tsf Failure Type
1.0 Topsoil, silty sandy clay, with roots and gravel, black					HNu Units, ppm
FILL, silty clay, with topsoil, sand, and gravel, brown to gray, very stiff					Est. Coefficient of Permeability k <sub>v</sub> (cm/sec)
5.0					
SILTY CLAY, trace sand and gravel, brown, very stiff, (CL)					
8.0					
SANDY CLAY, trace gravel, brown, medium stiff, (SC)					
10.0					
SILT, with fine sand, gray, wet, very loose, (ML)					
16.0					
End Of Boring					
26		1	16	3	
20		2	18	3	
5		3	20	0.5	
4		4	16		

WATER LEVEL OBSERVATIONS		<b>Applied GeoScience, Inc.</b> 2385 Hammond Drive, Suite 6 Schaumburg, Illinois 60173 Tel: (847) 303-0300 Fax: (847) 303-0900	STARTED 11-9-14	FINISHED 11-9-14
WL	▽		DRILL CO. DIRECT	DRILL RIG
WL	▼		DRILLER DAN	ASST DRILLER
WL	▼		ENG/GEOL.	APPROVED A.M.

AGI 13-235 - URS - SALT CREEK BIKE TRAIL.GPJ 11/13/14

USER NAME =	DESIGNED - AECOM	REVISED
	CHECKED - PMH	REVISED
PLOT SCALE =	DRAWN - AECOM	REVISED
PLOT DATE = 7/16/2018	CHECKED - PMH	REVISED

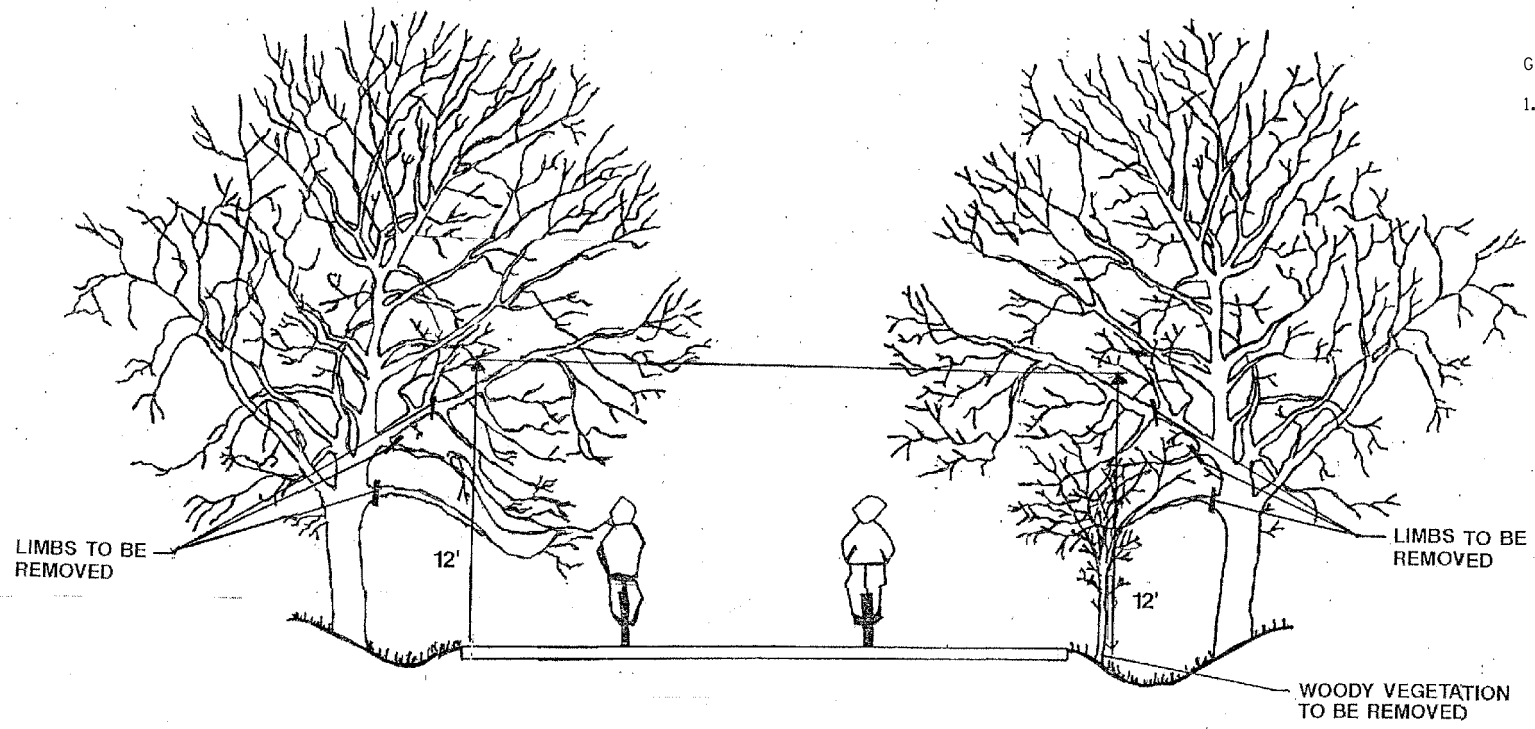
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 3

SHEET NO. S-7 OF S-7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	16
CONTRACT NO. 61C21				
ILLINOIS FED. AID PROJECT				

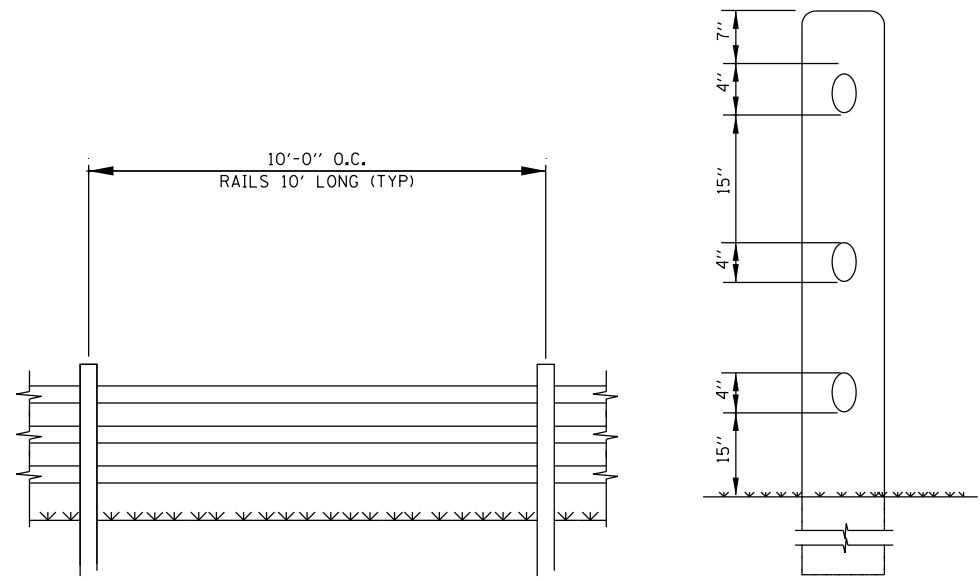




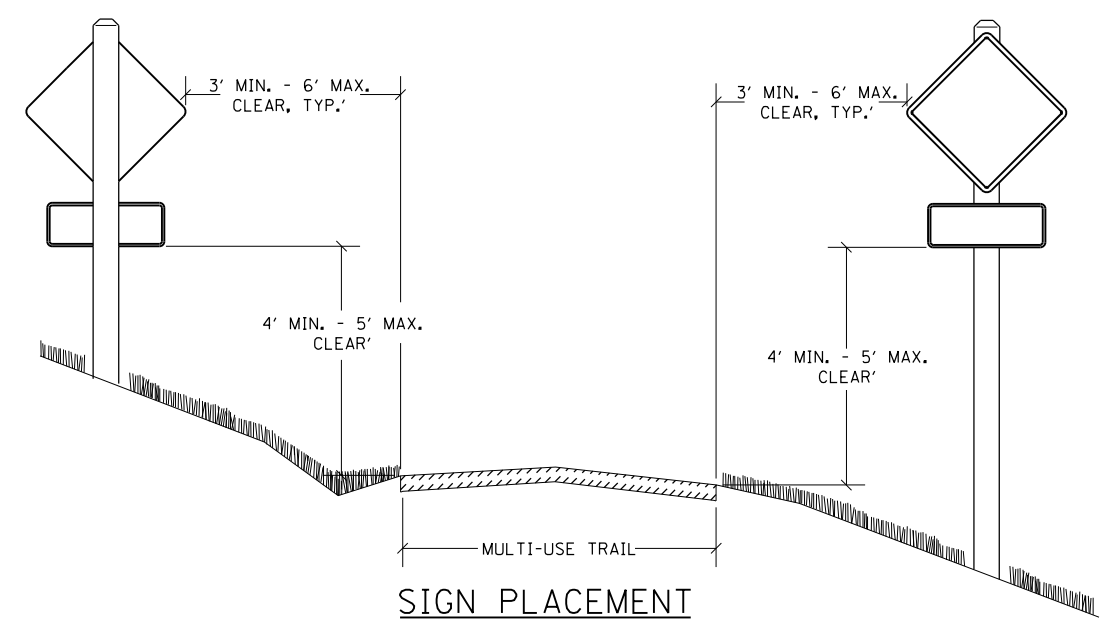
GENERAL NOTES:  
 1. THE NATIONAL ARBORIST ASSOCIATION'S PRUNING STANDARDS FOR SHADE TREES CLASS II - STANDARD PRUNING SPECIFICATIONS SHALL BE FOLLOWED.

**PRUNING FOR SAFETY AND EQUIPMENT**

N.T.S.



**RUSTIC RAIL FENCE DETAIL**  
N.T.S.



**SIGN PLACEMENT**  
N.T.S.

FILE NAME = M:\2018\18-213\_Eldorado\_Park\_District\_Salt\_Creek\_Trail\Design\Transportation\CADD\_Sheets\Details\_01\Miscellaneous\_Details.dgn

USER NAME = LindseyB	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 7/16/2018	DATE -	REVISED -

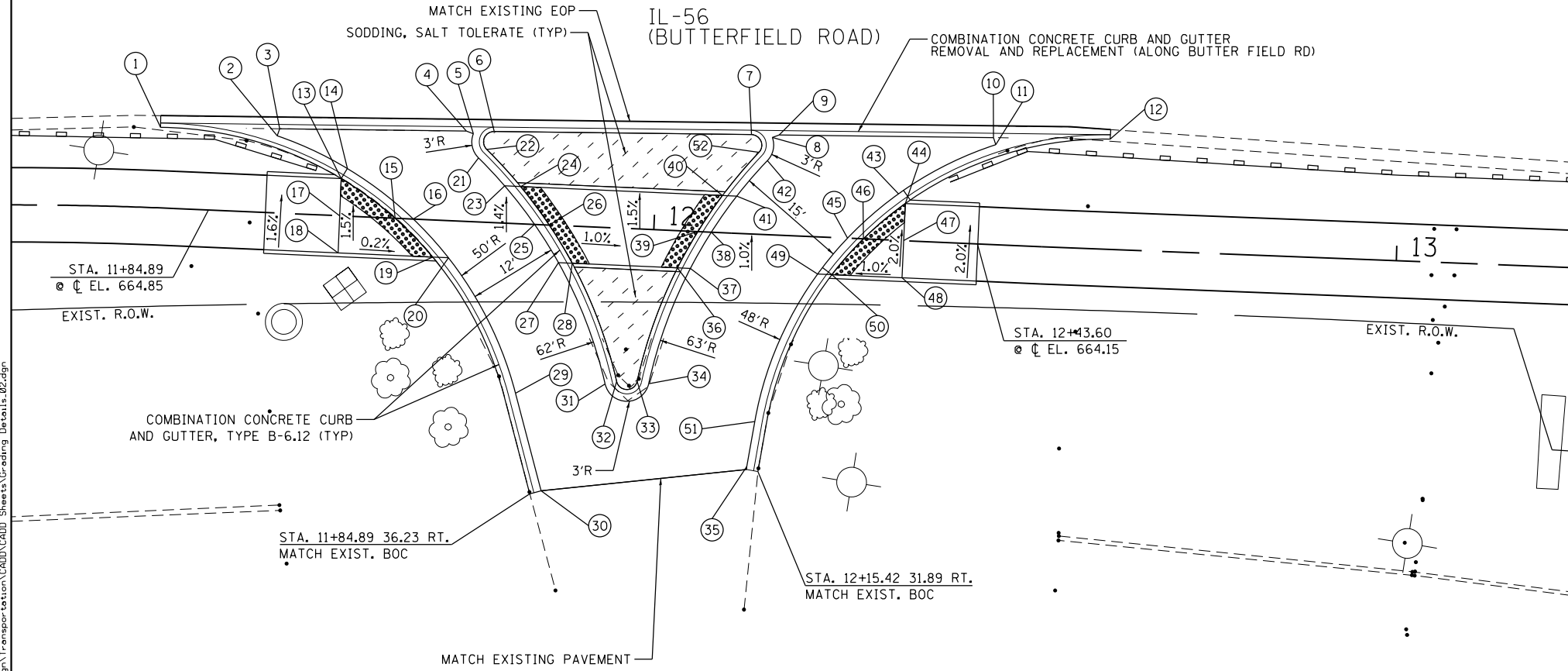
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SALT CREEK GREENWAY TRAIL  
MISCELLANEOUS DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

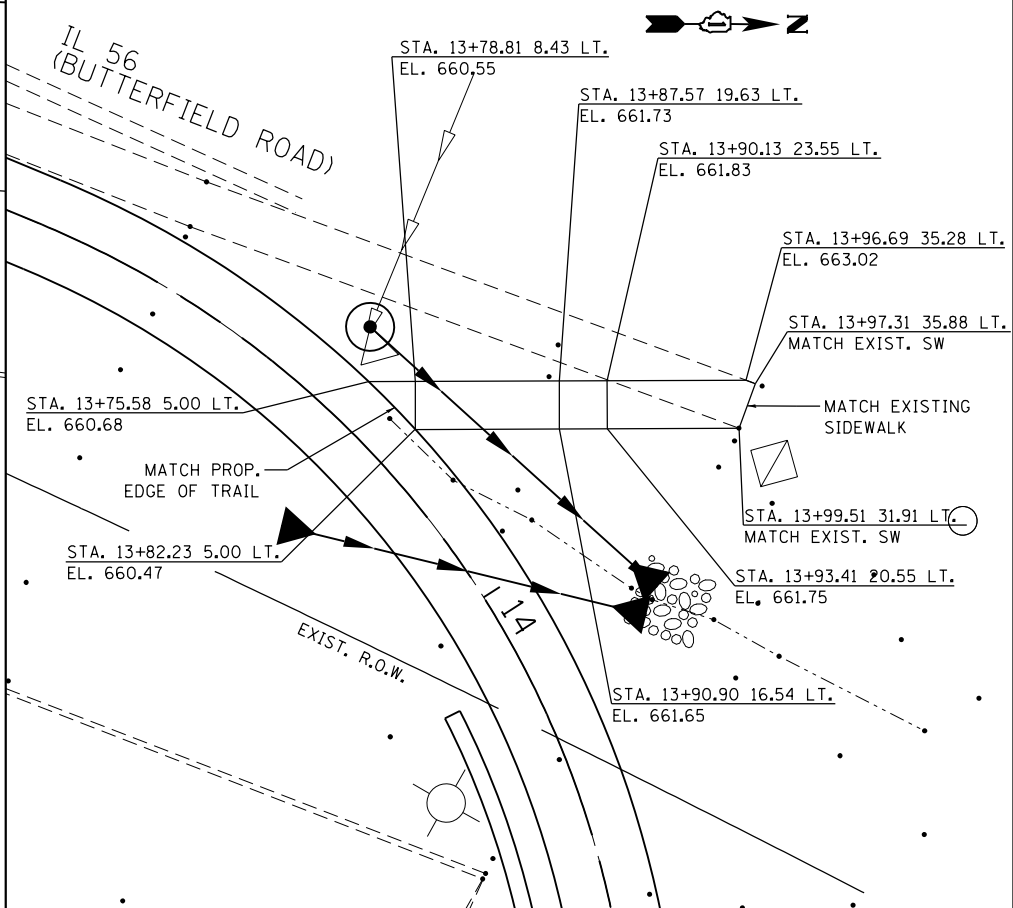
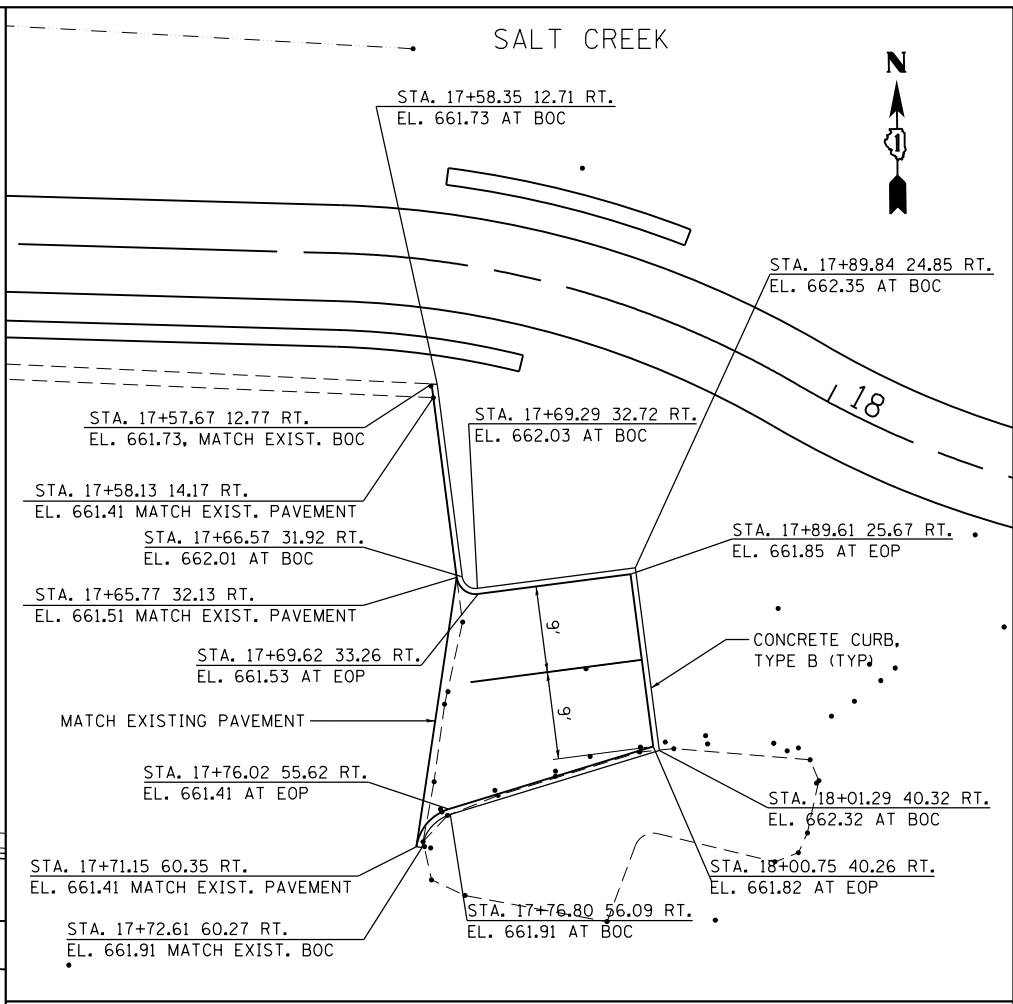
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	17
CONTRACT NO. 61C21			
ILLINOIS FED. AID PROJECT			

1 STA. 11+33.14 MATCH EXIST. BOC	9 STA. 12+16.31 BODC 13.46 LT. EL. 663.15	17 STA. 11+57.69 AT C EL. 663.82	25 STA. 11+83.94 EOP AT C EL. 663.87	33 STA. 11+98.66 20.48 RT. EL. 665.56	41 STA. 12+10.96 EOP 5.00 LT. EL. 663.59	49 STA. 12+22.29 EOP 5.00 RT. EL. 663.54
2 STA. 11+48.82 EOP 10.37 LT. EL. 663.60	10 STA. 12+45.13 BODC 14.37 LT. EL. 662.96	18 STA. 11+57.69 BOSW 5.00 RT. EL. 663.89	26 STA. 11+85.95 BODC AT C EL. 663.88	34 STA. 12+00.22 EOP 20.75 RT. EL. 665.12	42 STA. 12+14.87 EOP 9.95 LT. EL. 663.31	50 STA. 12+24.20 BODC 5.00 RT. EL. 663.53
3 STA. 11+49.11 BODC 11.33 LT. EL. 663.59	11 STA. 12+45.48 EOP 13.44 LT. EL. 662.97	19 STA. 11+70.45 BODC 5.00 RT. EL. 663.86	27 STA. 11+87.38 EOP 5.00 RT. EL. 663.96	35 STA. 12+13.88 EOP 31.69 RT. EL. 665.54	43 STA. 12+32.70 EOP 6.26 LT. EL. 663.44	51 STA. 12+14.72 EOP 25.18 RT. EL. 665.10
4 STA. 11+74.23 BODC 12.13 LT. EL. 663.43	12 STA. 12+60.90 MATCH EXIST. BOC	20 STA. 11+72.59 EOP 5.00 RT. EL. 663.87	28 STA. 11+89.23 BODC 5.00 RT. EL. 664.00	36 STA. 12+03.41 BODC 5.00 RT. EL. 663.81	44 STA. 12+33.65 BODC 6.26 LT. EL. 663.42	52 STA. 12+13.68 BOC 10.99 LT. EL. 663.75
5 STA. 11+75.17 EOP 11.80 LT. EL. 663.44	13 STA. 11+57.69 BODC 5.00 LT. EL. 663.74	21 STA. 11+76.01 EOP 8.60 LT. EL. 663.57	29 STA. 11+82.39 EOP 22.79 RT. EL. 664.79	37 STA. 12+05.15 EOP 5.00 RT. EL. 663.77	45 STA. 12+26.10 EOP AT C EL. 663.52	
6 STA. 11+77.97 BOC 12.24 LT. EL. 663.86	14 STA. 11+58.44 EOP 6.39 LT. EL. 663.75	22 STA. 11+77.06 BOC 9.77 LT. EL. 664.01	30 STA. 11+86.42 EOP 35.76 RT. EL. 665.40	38 STA. 12+07.75 EOP AT C EL. 663.68	46 STA. 12+28.23 BODC AT C EL. 663.51	
7 STA. 12+12.57 BOC 13.34 LT. EL. 663.63	15 STA. 11+65.16 BODC AT C EL. 663.82	23 STA. 11+79.70 EOP 5.00 LT. EL. 663.77	31 STA. 11+94.38 EOP 21.04 RT. EL. 665.12	39 STA. 12+05.93 BODC AT C EL. 663.69	47 STA. 12+33.65 AT C EL. 663.52	
8 STA. 12+15.38 EOP 13.08 LT. EL. 663.16	16 STA. 11+67.61 EOP AT C EL. 663.83	24 STA. 11+81.85 BODC 5.00 RT. EL. 663.78	32 STA. 11+95.90 BOC 20.61 RT. EL. 665.56	40 STA. 12+09.03 BODC 5.00 LT. EL. 663.66	48 STA. 12+33.65 BOSW 5.00 RT. EL. 663.62	



NOTES:  
 GRADES AND SLOPES FOR PROPOSED PCC CURB RAMPS AND SIDEWALKS MUST COMPLY WITH ADA REQUIREMENTS. ACTUAL GRADES WILL BE DETERMINED BY FIELD CONDITIONS AT THE DESIGNATED LOCATIONS.

EOP = EDGE OF PAVEMENT  
 BOC = BACK OF CURB  
 BODC = BAC OF DEPRESSED CURB  
 FOSW = FACE OF SIDEWALK  
 BOSW = BACK OF SIDEWALK



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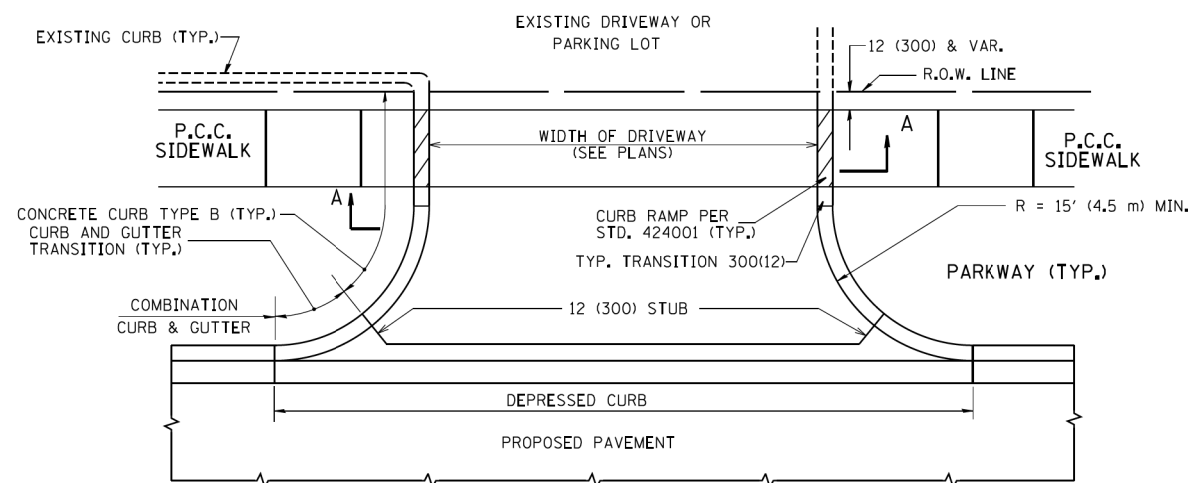
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DRAWN -	REVISOR -	
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PLOT DATE = 7/16/2018	DATE -	REVISOR -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

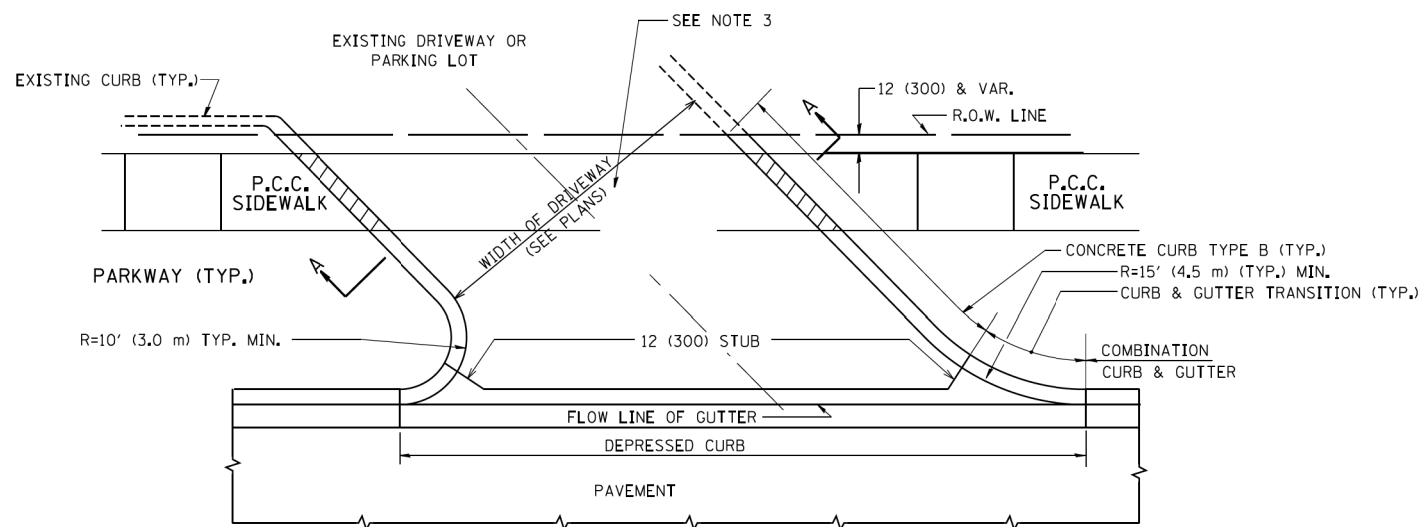
**SALT CREEK GREENWAY TRAIL  
 PROPOSED GRADING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

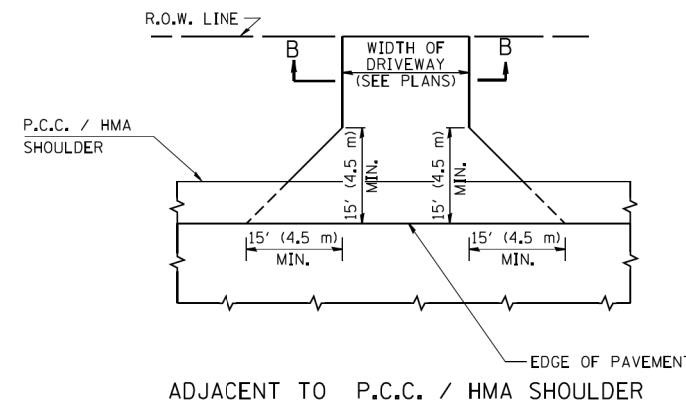
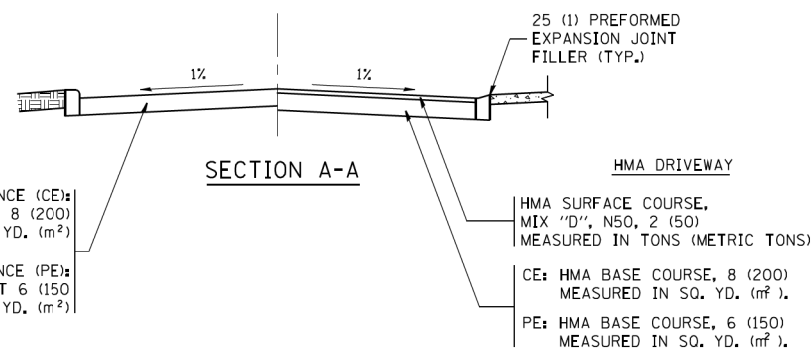
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT	DUPAGE	28	18
CONTRACT NO. 61C21			
ILLINOIS FED. AID PROJECT			



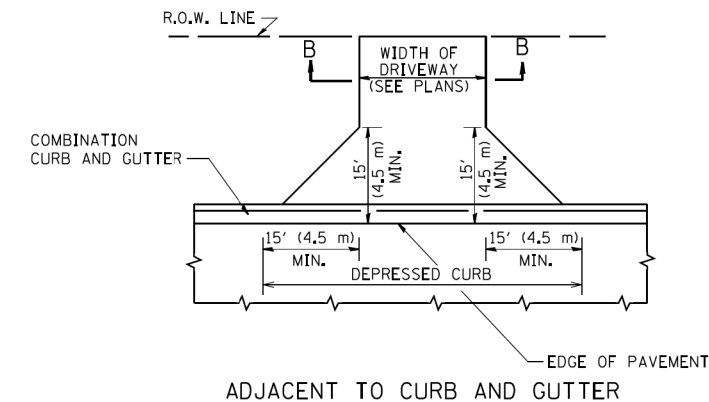
WITH CONCRETE CURB, TYPE B



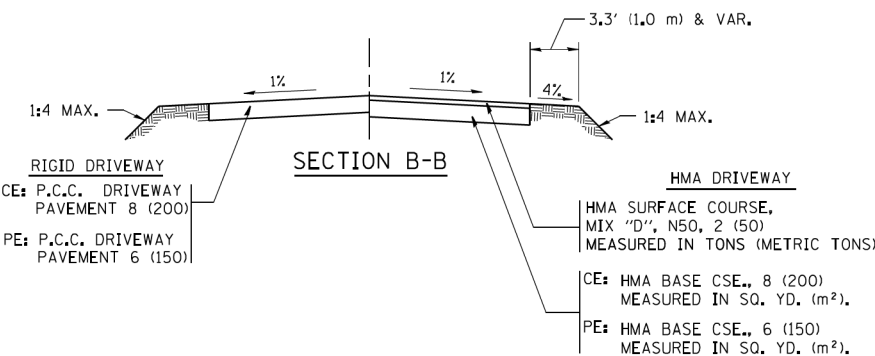
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX 'D', N50, 2 (50) MEASURED IN TONS (METRIC TONS)

CE: HMA BASE COURSE, 8 (200) MEASURED IN SQ. YD. (m<sup>2</sup>), PE: HMA BASE COURSE, 6 (150) MEASURED IN SQ. YD. (m<sup>2</sup>).

**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE 'HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS'. FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

M:\2018\18-213 Elmhurst Park District Salt Creek Trail\Design\Transportation\CADD\CADD Sheets\bd01.dwg

FILE NAME =	USER NAME = lcyss	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
ca:\pwork\pwork\lcyss\0108315\bd01.dwg		DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 50.0000' / 1"		CHECKED -	REVISED - R. BORO 06-11-08
PLOT DATE = 9/6/2011		DATE - 11-04-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	12-P4000-001-BT	DUPAGE	28	19
	STA. TO STA.	BD0156-07 (BD-01)			CONTRACT NO. 61C21
		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) \*\*

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

BASIS OF PAYMENT:  
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

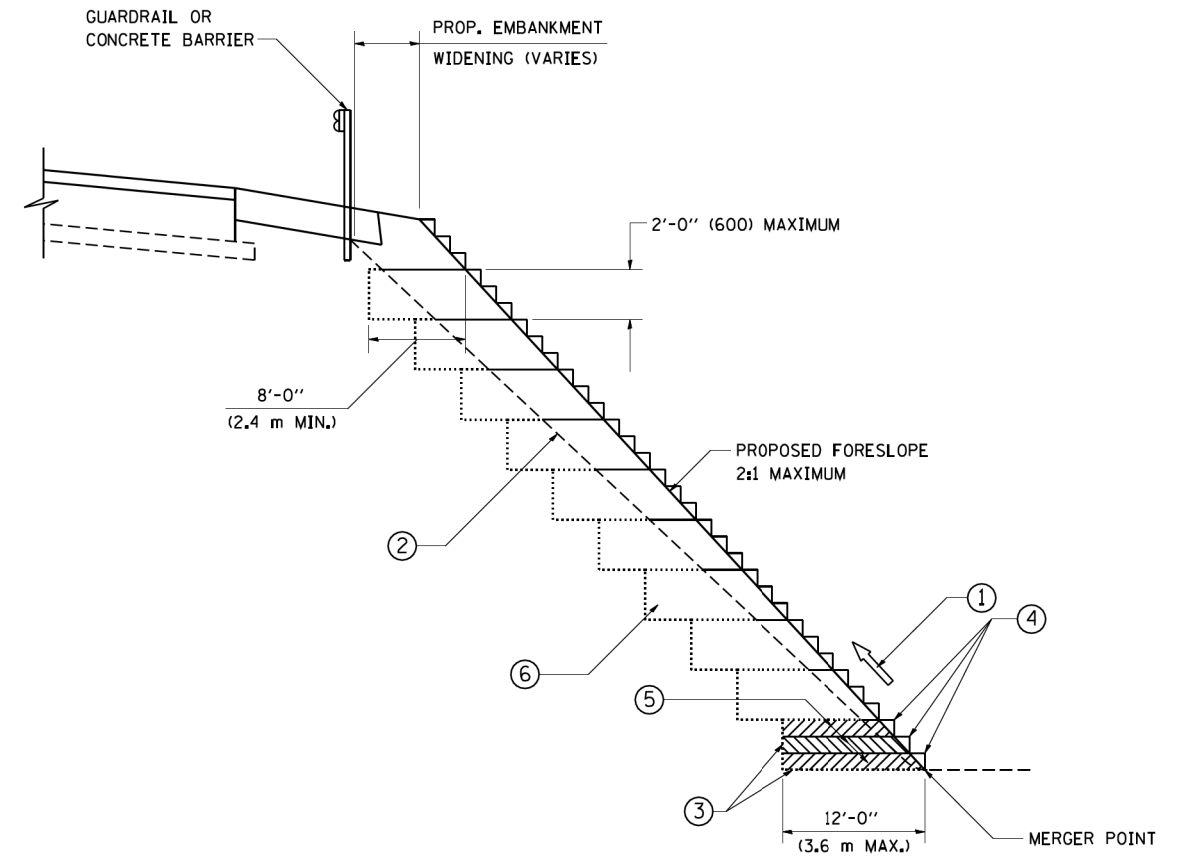
⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = M:\2018\18-213 Elmhurst Park District Salt Creek Trail\Design\Transportation\CADD\CADD\_Sheets\bd24\_22-34.dgn

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED - A. HOUSEH	DRAWN -	REVISED - A. ABBAS 03-21-97	12-P4000-01-BT					DUPAGE	28	20	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	<b>BD600-06 (BD-24)</b>			CONTRACT NO.	61C21				
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



**TYPICAL BENCHING DETAIL  
FOR EMBANKMENT**

**NOTES:**

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "UNSUITABLE MATERIAL". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

FILE NAME = M:\\_2018\18-213 Elkhorn Park District Salt Creek Trail\Design\Transportation\CADD\CADD Sheets\bd51.22x34.dgn

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PLOT SCALE = 50.0000' / IN.	CHECKED - S.E.B.	DRAWN - CADD	REVISED -
PLOT DATE = 1/4/2008	DATE - 06-16-04		REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BENCHING DETAIL FOR EMBANKMENT WIDENING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-P4000-01-BT		28	21
<b>BD-51</b>		CONTRACT NO. 61C21	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

FILE NAME = M:\\_2018\18-213\_Elkhart-Park-District-Salt-Creek-Trail\Design\Transportation\CADD\CADD\_Sheets\18-22-24.dgn

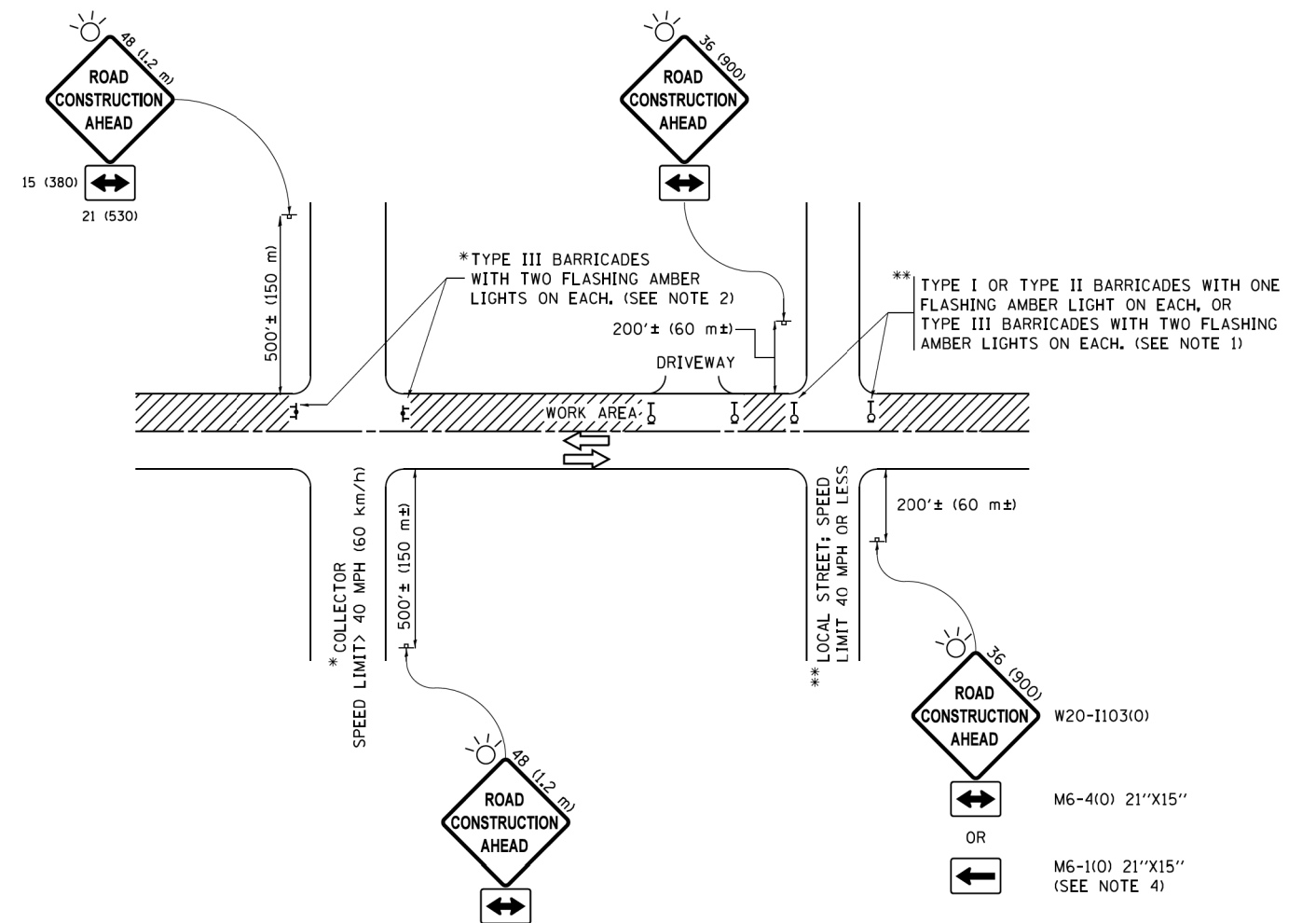
FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pwt\11084EBID\INTEG\illinois.gov\FWIDOT\Documents\DOT_Offices\District_1\Projects\Dist_1\CADD\Sheet\CADDsheets\18.dgn		DRAWN	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50,000' / 1" =	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

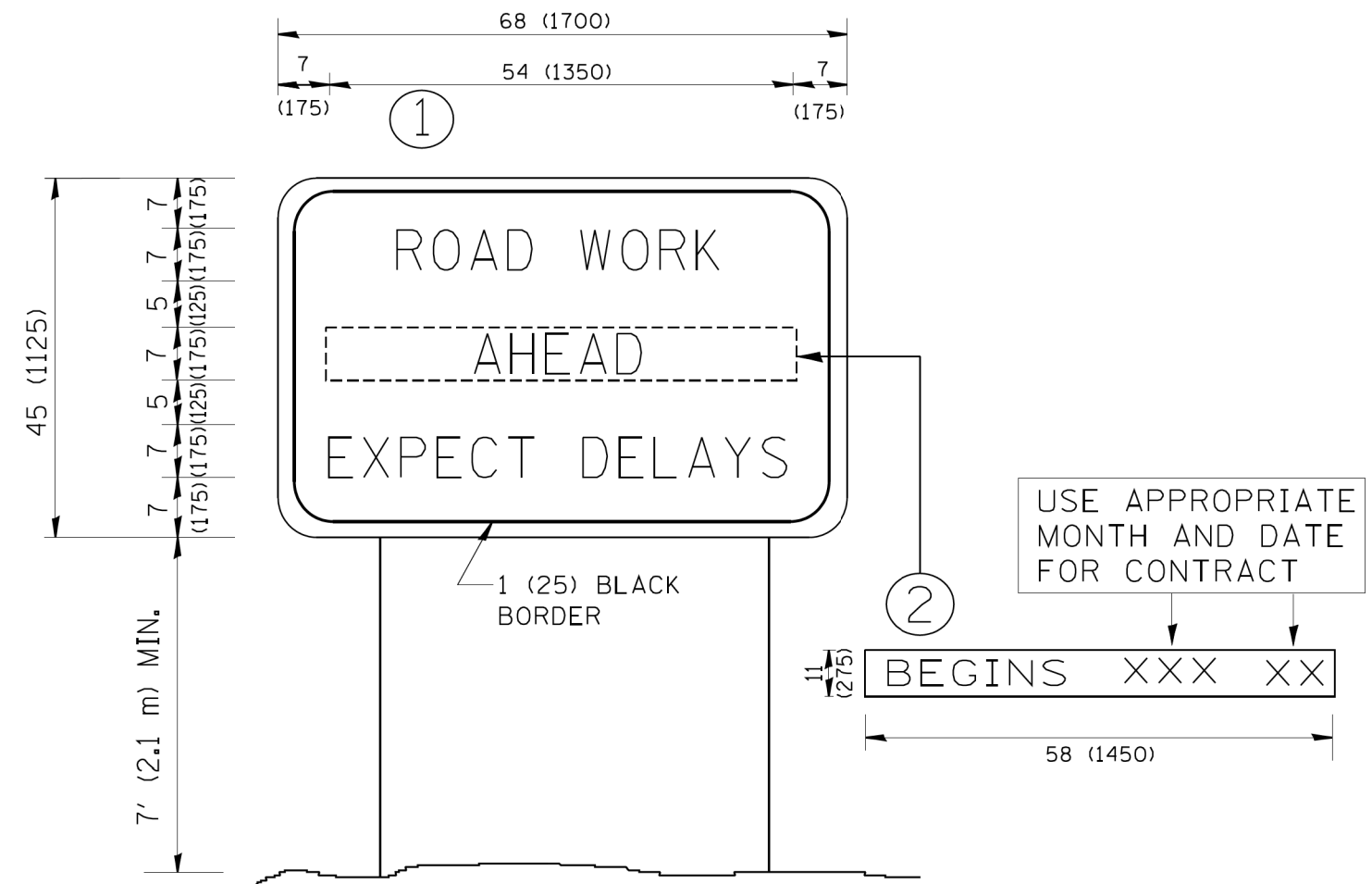
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10		28	22
ILLINOIS FED. AID PROJECT			CONTRACT NO.	61C21



**NOTES:**

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = M:\2018\18-213\_Eldorado\_Park\_District\_Salt\_Creek\_Trail\Design\Transportation\CADD\CADD\_Sheets\tc22-22x34.dgn

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = geglanoht	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

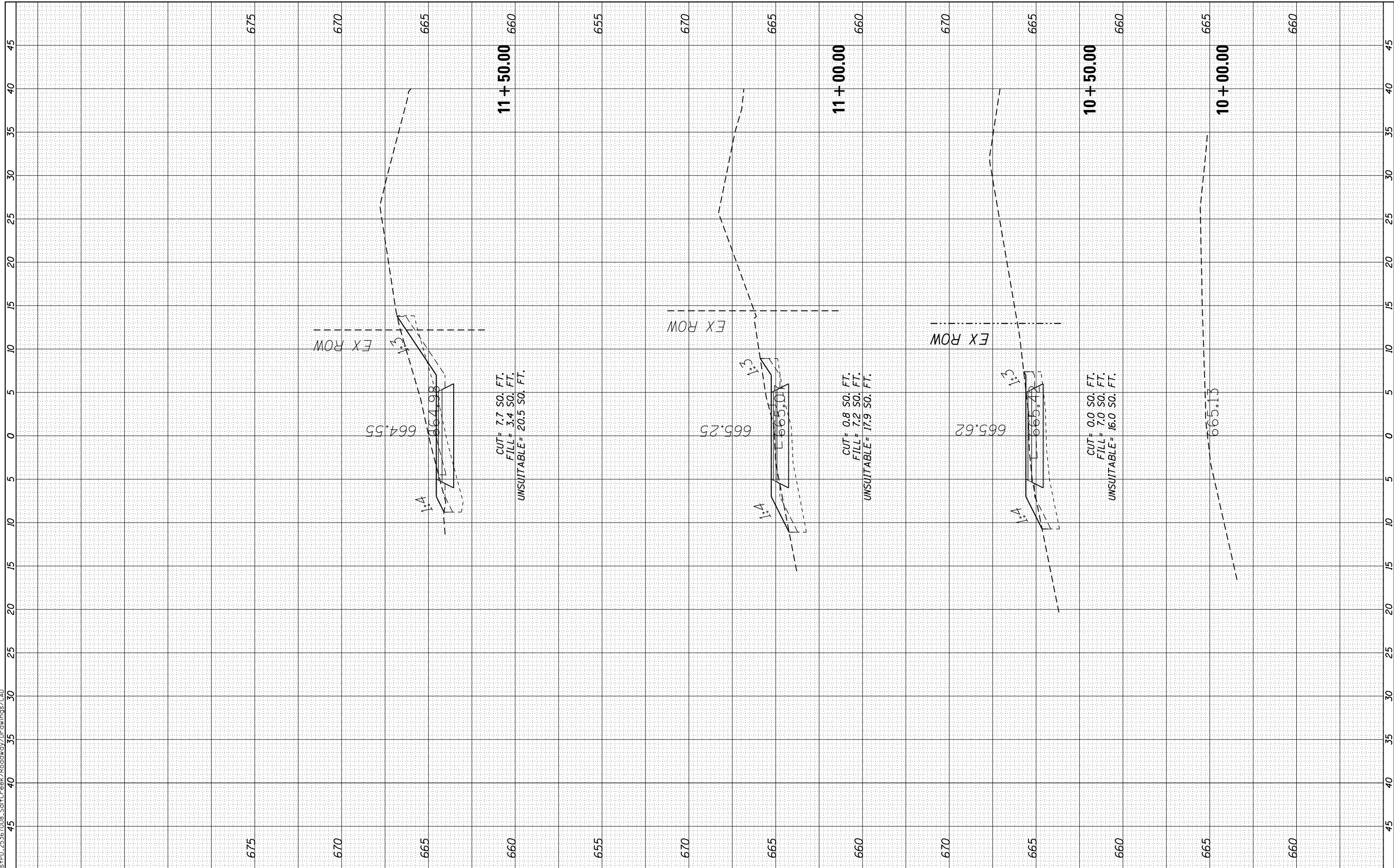
<b>ARTERIAL ROAD INFORMATION SIGN</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			28	23
<b>TC-22</b>		CONTRACT NO.	61C21	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

Q:\linhur\stpd\_25367008\_SoilCreek/Roadway/Drawings/CAD



USER NAME = LindseyB	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KLM	REVISED -
PLOT DATE = 7/16/2018	CHECKED - DDL	REVISED -
	DATE - OCTOBER 9TH, 2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED CROSS-SECTIONS**

SCALE:      SHEET      OF      SHEETS      STA. 10+00.00      TO      STA. 11+50.00

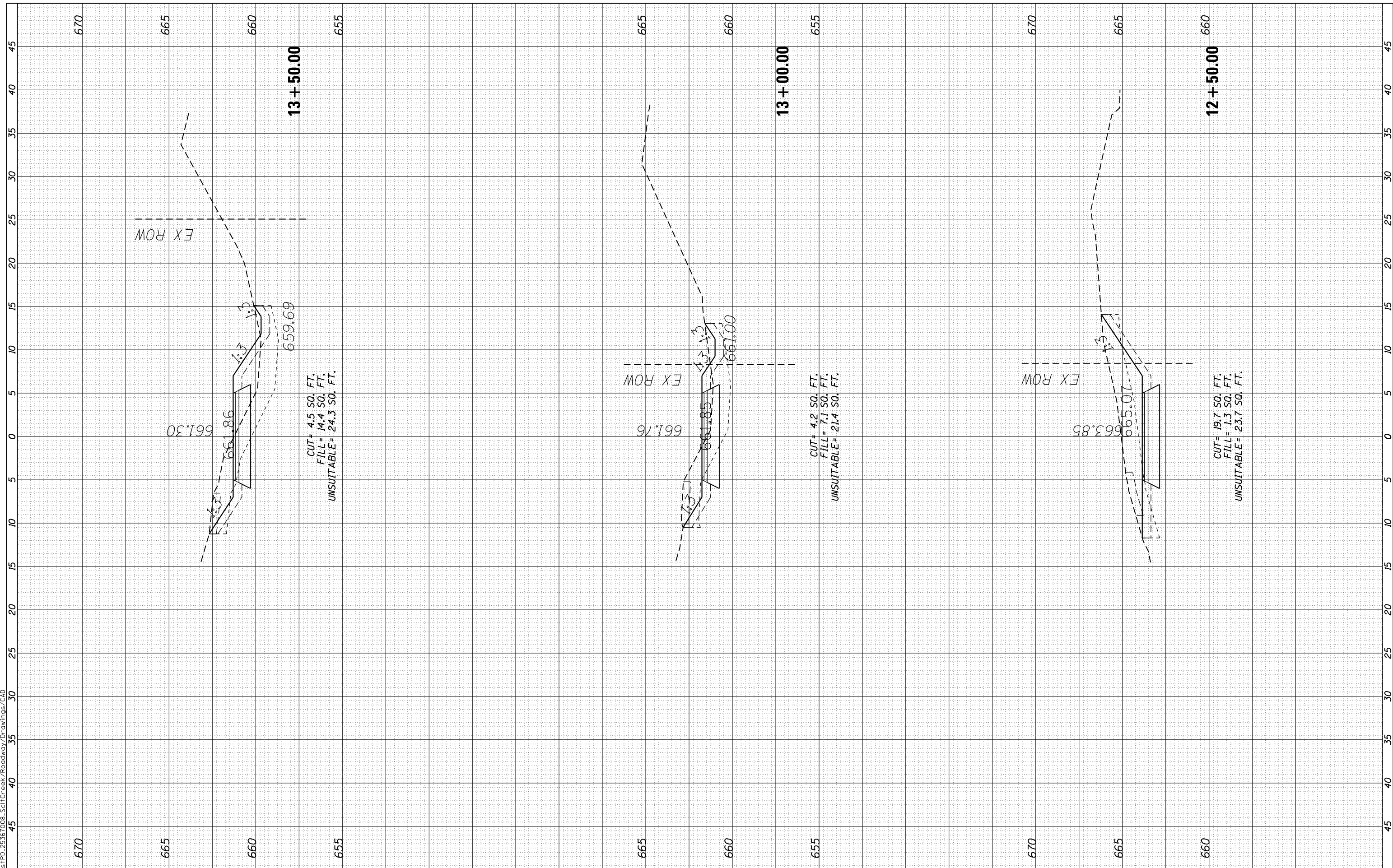
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	24
CONTRACT NO. 61C21				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

Q:\Elmhurst\PD\_25367008\_SoilCrack/Roadway/Drawings/CAD



USER NAME = LindseyB	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KLM	REVISED -
PLOT DATE = 7/16/2018	CHECKED - DDL	REVISED -
	DATE - OCTOBER 9TH, 2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

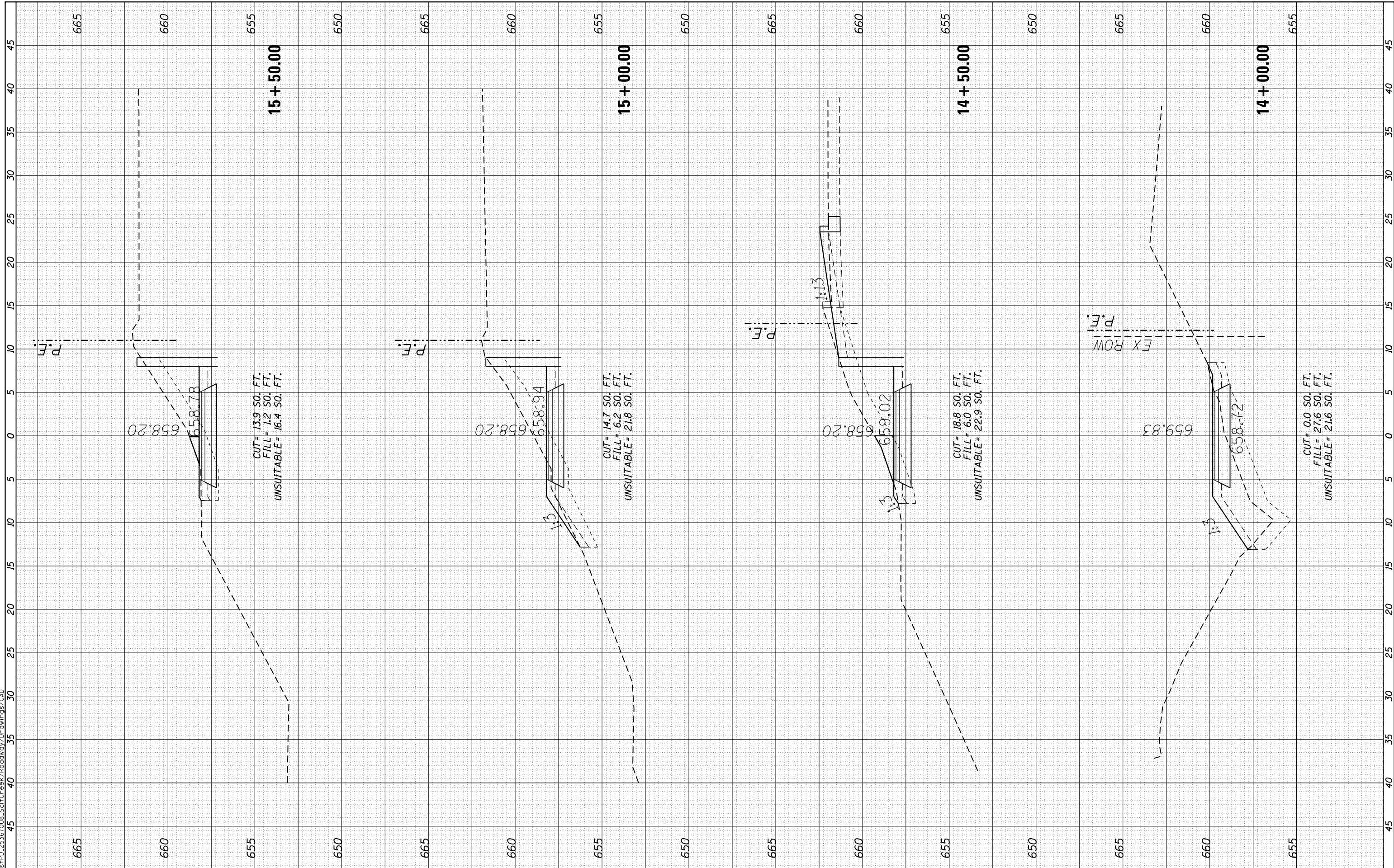
**EXISTING AND PROPOSED CROSS-SECTIONS**  
 SCALE: SHEET OF SHEETS STA. 12+00.00 TO STA. 13+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT		28	25
			DUPAGE	CONTRACT NO. 61C21
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

Q:\Elmhurst\PD\_25367008\_SoilCrack/Roadway/Drawings/CAD



USER NAME = LindseyB	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - KLM	REVISED -
PLOT DATE = 7/16/2018	CHECKED - DDL	REVISED -
	DATE - OCTOBER 9TH, 2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED CROSS-SECTIONS**

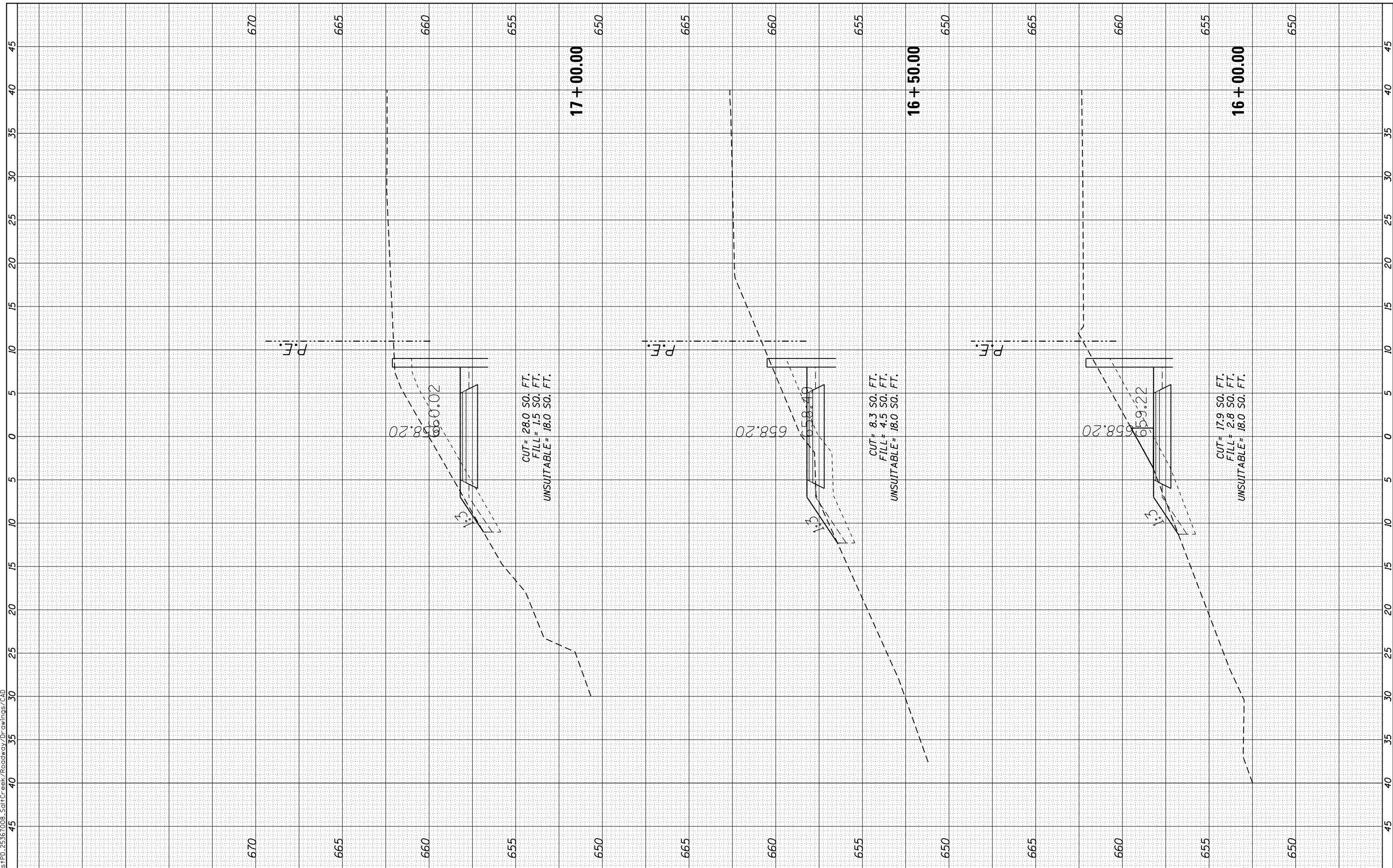
SCALE: SHEET OF SHEETS STA. 14+00.00 TO STA. 15+50.00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	26
CONTRACT NO. 61C21				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

Q:\Elmhurst\PD\_25367008\_SoilCrack/Roadway/Drawings/CAD



USER NAME = LindseyB	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KLM	REVISED -
PLOT DATE = 7/16/2018	CHECKED - DDL	REVISED -
	DATE - OCTOBER 9TH, 2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED CROSS-SECTIONS**

SCALE:      SHEET      OF      SHEETS      STA. 16+00.00      TO      STA. 17+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	27
			CONTRACT NO. 61C21	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

Q:\Elmhurst\PD\_25367008\_SoilCreek\Roadway\Drawings\CAD

USER NAME = LindseyB	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KLM	REVISED -
PLOT DATE = 7/16/2018	CHECKED - DDL	REVISED -
	DATE - OCTOBER 9TH, 2015	REVISED -

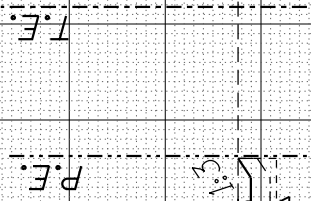
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED CROSS-SECTIONS**

SCALE: SHEET OF SHEETS STA. 17+50.00 TO STA. 18+50.00

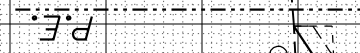
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-P4000-01-BT	DUPAGE	28	28
CONTRACT NO. 61C21			ILLINOIS FED. AID PROJECT	

**END PROJECT  
STATION 18 + 80.00**



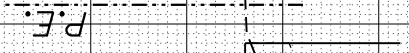
CUT = 5.4 SO. FT.  
FILL = 0.9 SO. FT.

**18 + 50.00**



CUT = 11.3 SO. FT.  
FILL = 14.6 SO. FT.  
UNSUITABLE = 18.4 SO. FT.

**18 + 00.00**



CUT = 13.6 SO. FT.  
FILL = 3.2 SO. FT.  
UNSUITABLE = 18.0 SO. FT.

**17 + 50.00**