

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI 72 (I-72)
SECTION 75-2 I
PROJECT IM-072-1(082)013
I-72 SLOPE STABILIZATION
PIKE COUNTY

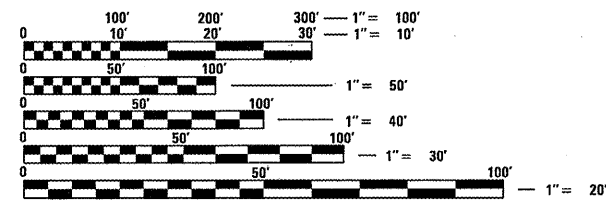
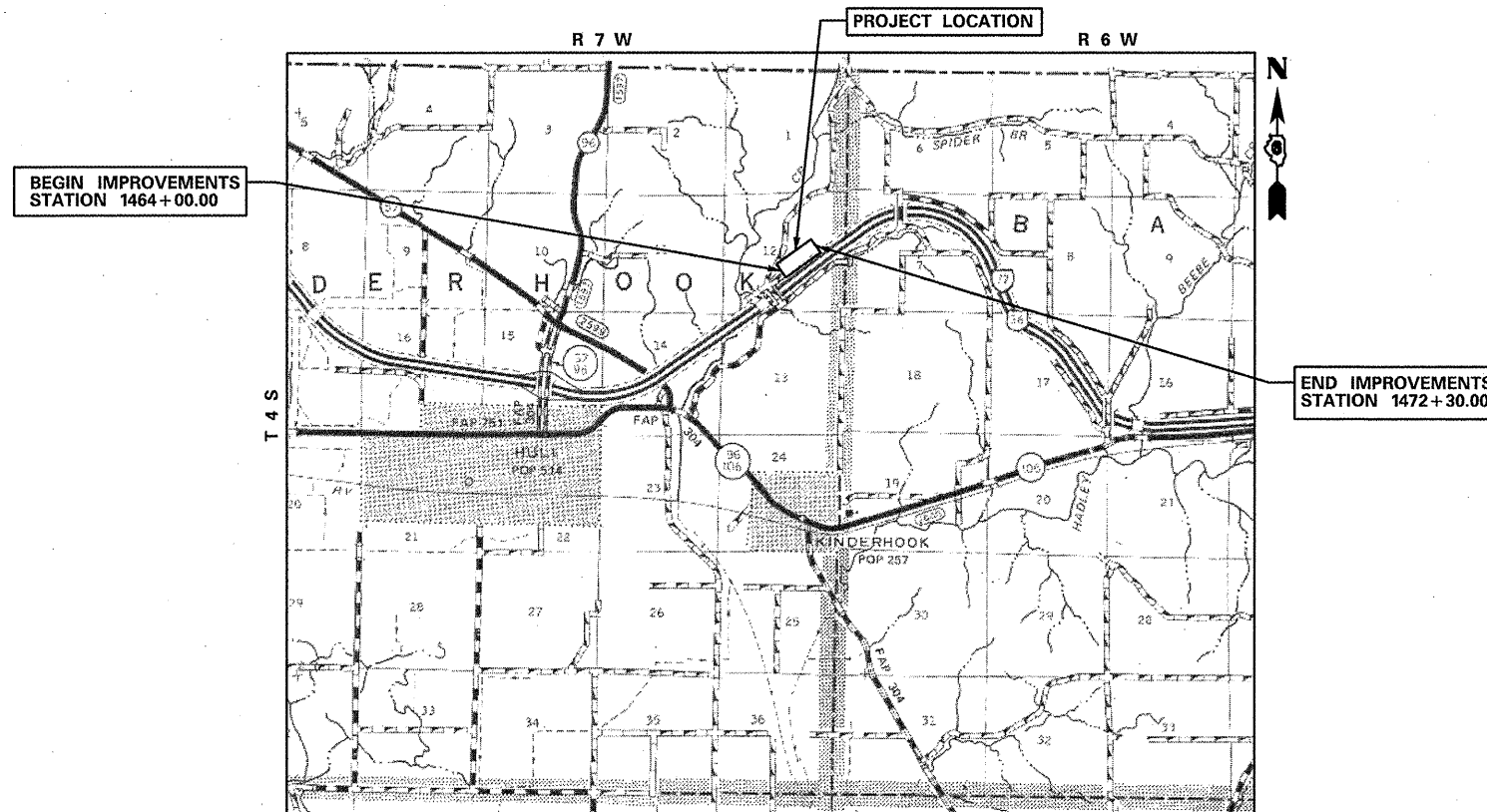
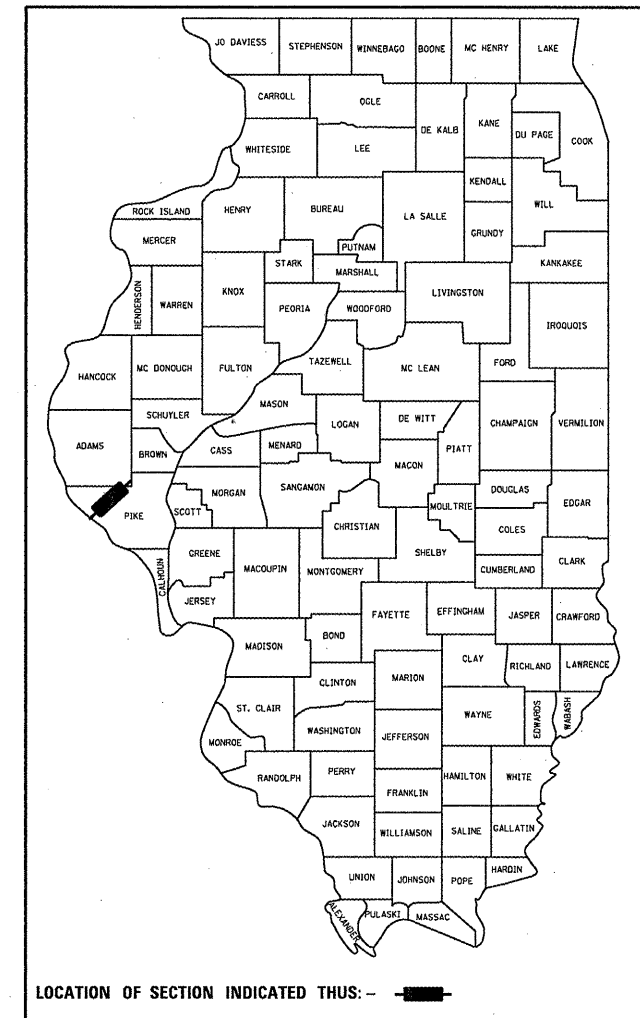
C-96-008-10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	1
		ILLINOIS	CONTRACT NO. 72D74	

FOR INDEX OF SHEETS, SEE SHEET NO.

FAI 72 (I-72)
FUNCTION CLASS - INTERSTATE
ADT (2011) - 5,300
SU (2011) - 199
MU (2011) - 1,550
PV (2011) - 3,551

D-96-008-10



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
OR 811

SENIOR TEAM ENGINEER: VINCE MADONIA (217) 785-9046
TEAM ENGINEER: VICTOR YOUNG (217) 785-0597

GROSS LENGTH = 830 FT. = 0.157 MILE
NET LENGTH = 830 FT. = 0.157 MILE

CONTRACT NO. 72D74

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Oct 29 20 11
Rg 2011
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9 20 11
Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

acting
December 9 20 11
William R. Frey
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GENERAL NOTES:

COMMITMENTS

INDEX OF SHEETS

- 1. COVER SHEET
- 2. GENERAL NOTES
- 3. SUMMARY OF QUANTITIES
- 4. SCHEDULES
- 5. PLAN SHEETS
- 6-10 STORM WATER POLLUTION PREVENTION PLAN
- 11-32 CROSS SECTIONS

STANDARDS:

- 000001-06
- 001006
- 665001-02
- 701101-02
- 701400-05
- 701406-06
- 701901-02

1. ALL ELEVATIONS SHOWN IN THE PLANS ARE U.S.G.S. MEAN SEA LEVEL DATUM
2. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS
3. THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES, WITH COMPANIES LISTED.
4. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICES.
5. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH THE CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. THIS WORK IS LOCATED IN AN ACTIVE SLOPE FAILURE AREA. IF UNSTABLE CONDITIONS OCCUR DURING EXCAVATION, THE ENGINEER MAY REQUIRE STAGING THE WORK TO LIMIT THE EXTENT OF OPEN EXCAVATION.
7. FURNISHED EXCAVATION INCLUDES REPLACING EXCAVATED MATERIAL AS SHOWN ON THE PLANS USING SOIL STACKPILED ON THE PROJECT SITE OR STOCKPILED AWAY FROM THE PROJECT SITE.
8. CLASS 2A SEEDING SHALL BE FOR THE ROADSIDE DITCH FORESLOPE AND DITCH BOTTOM ONLY. ALL OTHER SEEDING SHOULD BE CLASS 3.
9. THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATION:

NITROGEN	90 LBS/ACRE
PHOSPHOROUS	90 LBS/ACRE
POTASSIUM	90 LBS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMENTS WERE MADE.

1. THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGES.

DISTRICT SIX	
EXAMINED <u>October 5</u>	20 <u>11</u>
<i>Chris Walker</i>	
OPERATIONS ENGINEER	
EXAMINED <u>OCTOBER 18</u>	20 <u>11</u>
<i>Tommy Ford</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>October 12</u>	20 <u>11</u>
<i>2RML</i>	
PROGRAM DEVELOPMENT ENGINEER	

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION TYPE CODE			
				90% FED 10% STATE			
				0044			
20200100	EARTH EXCAVATION	CU YD	66,390.0	66,390.0			
20400800	FURNISHED EXCAVATION	CU YD	40,944.0	40,944.8			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8,767.4	8,767.4			
25000210	SEEDING, CLASS 2A	ACRE	0.6	0.6			
25000300	SEEDING, CLASS 3	ACRE	2.4	2.4			
25000400	NITROGEN FERTILIZER	POUND	270.0	270.0			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	270.0	270.0			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	270.0	270.0			
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	8,767.4	8,767.4			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300.0	300.0			
28001000	AGGREGATE (EROSION CONTROL)	TONS	12.3	12.3			
28100107	STONE RIPRAP, CLASS A4	SQ YD	1,200.0	1,200.0			
28200200	FILTER FABRIC	SQ YD	1,200.0	1,200.0			
50105220	PIPE CULVERT REMOVAL	FOOT	146.0	146.0			
60500060	REMOVING INLETS	EACH	5.0	5.0			
67100100	MOBILIZATION	L SUM	1.0	1.0			
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0	1.0			
X6650206	WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED	FOOT	543.0	543.0			
XZ054500	ROCK FILL - SPECIAL	CU YD	21,169.0	21,169.0			

FILE NAME :	USER NAME : Harmandg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pvidot\sparksgu\0215429\067	074-sh1-soq.dgn	DRAWN -	REVISED -					72	75-21	PIKE	32	3	
PLOT SCALE : 100.0000' = 1"	CHECKED -	REVISED -			SCALE:			SHEET NO. 1 OF SHEETS		STA.	TO STA.	CONTRACT NO. 72074	
PLOT DATE : Oct-26-2011 09:41:51AM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT								

EARTH EXCAVATION SCHEDULE						
STATION	TO	STATION	20200100 EARTH EXCAVATION (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (20%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
			(CU YD)	(CU YD)	(CU YD)	(CU YD)
1467+70	TO	1468+00	2385.6	1908.6	554.4	+1354.2
1468+00	TO	1468+25	1850.9	1480.7	818.1	+662.6
1468+25	TO	1468+50	1780.1	1424.1	1207.4	+216.7
1468+50	TO	1469+00	5154.6	4123.7	2946.3	+1177.4
1469+00	TO	1469+25	4028.2	3222.6	2341.2	+881.4
1469+25	TO	1469+50	5191.7	4153.4	3343.5	+809.9
1469+50	TO	1470+00	11918.5	9534.8	7734.3	+1800.5
1470+00	TO	1470+50	12754.6	10203.7	8367.6	+1836.1
1470+50	TO	1471+00	12356.5	9885.2	8112.0	+1773.2
1471+00	TO	1471+25	5774.5	4619.6	3616.7	+1002.9
1471+25	TO	1471+50	2918.5	2334.8	1789.4	+545.4
1471+50	TO	1472+00	275.9	220.7	113.9	+106.8
TOTALS			66,389.6	53,111.9	40,944.8	12,167.1

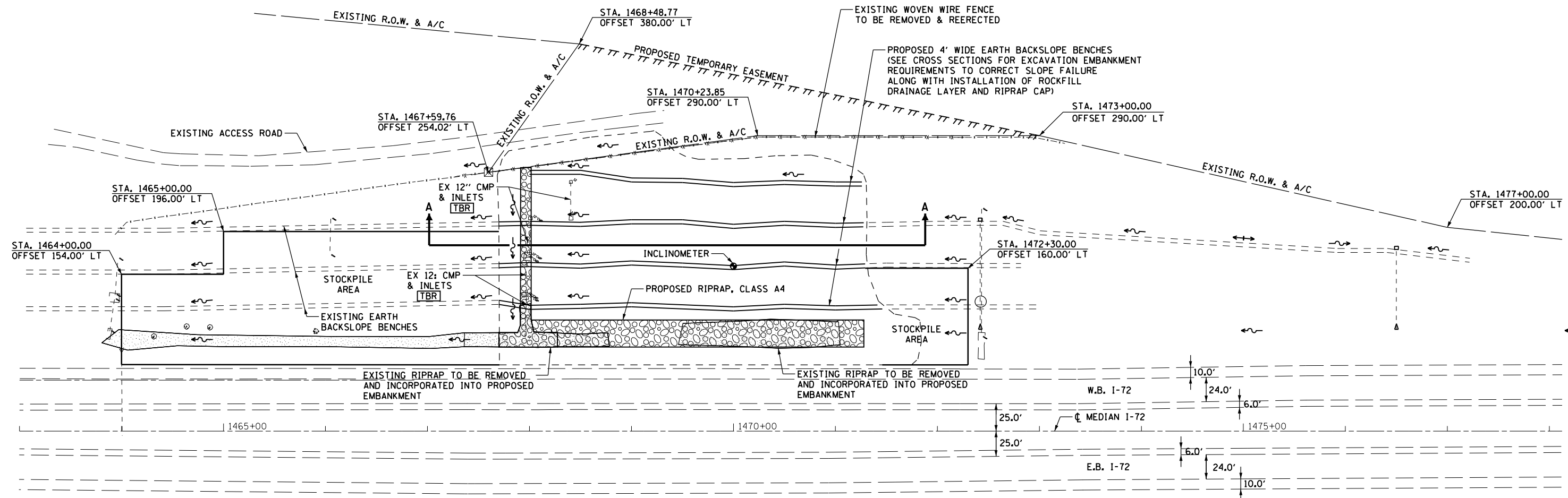
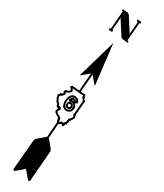
ROCK FILL - EMBANKMENT SCHEDULE			
STATION	TO	STATION	Z0054404 ROCK FILL EMBANKMENT
			(CU YD)
1467+40	TO	1468+00	1086.7
1468+00	TO	1468+25	496.3
1468+25	TO	1450+50	541.7
1450+50	TO	1469+00	1671.3
1469+00	TO	1469+25	1375.9
1469+25	TO	1469+50	1767.6
1469+50	TO	1470+00	3860.2
1470+00	TO	1470+50	4012.0
1470+50	TO	1471+00	4106.5
1471+00	TO	1471+25	2020.4
1471+25	TO	1471+28	230.1
TOTAL			21,168.7

ESTIMATED STOCKPILE VOLUME	
STATION TO STATION	QUANTITY (CU YD)
1464+00 TO 1464+50	4429.6
1464+50 TO 1465+00	4066.7
1465+00 TO 1465+50	3950
1465+50 TO 1466+00	4011
1466+00 TO 1466+50	4007
1466+50 TO 1467+00	4011.1
1467+00 TO 1467+50	4016.6
1467+50 TO 1468+00	4009.2
1471+50 TO 1472+00	4077.7
1472+00 TO 1472+30	2408.9
TOTAL	38,987.8

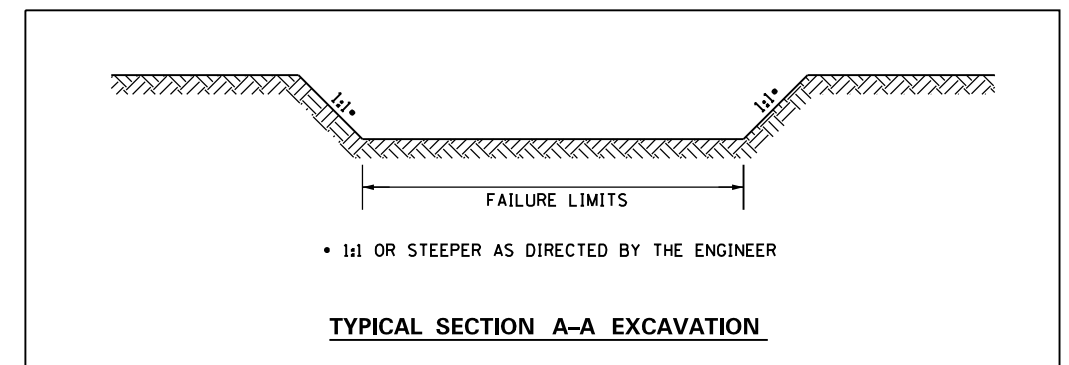
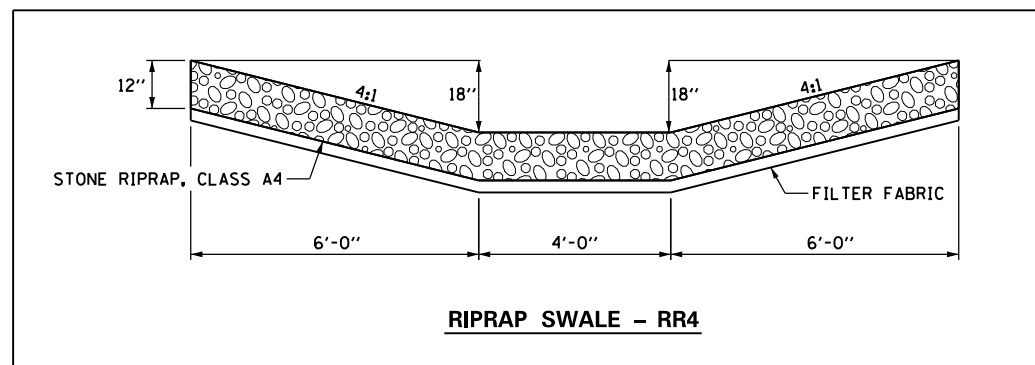
SE 14, SEC 12 T4S R7W

6040106
HELEN G. DUNKER
TRUSTEE OF THE HELEN G. DUNKER
GRANTOR TRUST

NOTE: INCLINOMETER REMOVAL IS INCLUDED IN EXCAVATION



NOTE: ACTUAL FAILURE LIMITS WILL BE DETERMINED BY THE ENGINEER BASED ON FIELD CONDITIONS



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-72 SLOPE STABILIZATION
PLAN SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	5
CONTRACT NO. 72074				
ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN

Route: FAI 72 Marked: I-72
 Section: 75-2I Project No.:
 County: PIKE Contract No.: 72D74

Starting Station: (Longitude: Latitude:)
 Ending Station: (Longitude: Latitude:)

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Reyn A Englem
 (Signature)

10/25/11
 (Date)

Rep 2 Duke
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of the stabilization of the active slope failure using earth and rockfill removal and replacement on I-72.
2. Construction consists of grading, and other miscellaneous work to complete improvement to the backslope.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Excavation will be completed along the entire length to grade out for proposed roadway ditches and waterways.
2. Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
3. Drainage structures will be installed before and/or during the construction of the excavation and embankment to allow proper drainage across the proposed two lane facility.
4. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
5. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
6. Final grading, and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be approx. 0.004 sq miles in which 3.0 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

McCraney Creek

FILE NAME =	USER NAME = whitlingme	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\whitlingme\00215425\0672074-shr-swppln01.dgn	DRAWN - CADD	REVISOR - OCT 2010 (JCN)			72	75-2I	PIKE	32	6				
PLOT SCALE = 48,000' / in.	CHECKED - JCN	REVISOR -			CONTRACT NO. 72D74								
PLOT DATE = Oct-21-2011 01:53:18PM	DATE - APRIL 5, 1999	REVISOR -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\pidot\sparksgw\0215429\0672074-sht-swpplan01.dgn	DRAWN - CADD	REVISED - OCT 2010 (JCN)	72			75-21	PIKE	32	7	
PLOT SCALE = 40.000' / 1" =	CHECKED - JCN	REVISED -	CONTRACT NO. 72D72							
PLOT DATE = Oct-26-2011 09:41:54AM	DATE - APRIL 5, 1999	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

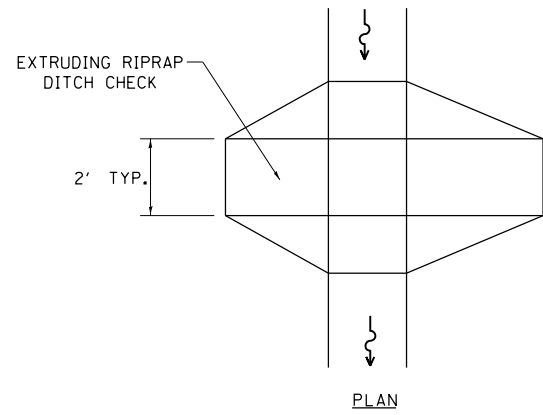
Route: F.A.I. 72 Marked: I-72
 Section: 75-2 I Project No.: _____
 County: PIKE Contract No.: 72D74

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

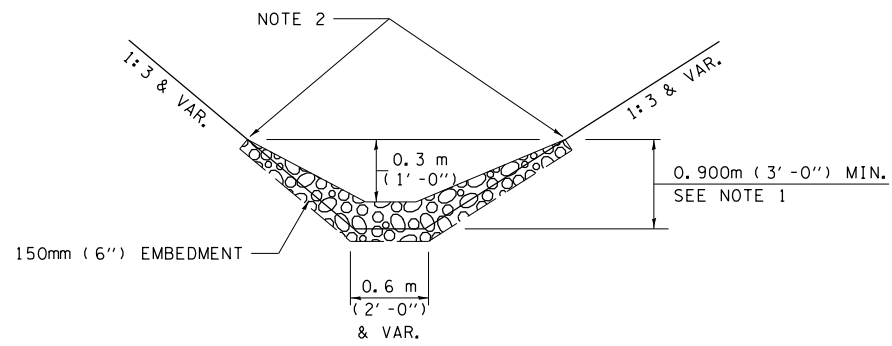
Signature _____ Date _____
 Title _____
 Name of Firm _____
 Street Address _____
 City, State, Zip _____
 Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED - AUG 2007 (JCN)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\sparksgw\0215429\0672074-sht-swpplan01.dgn	DRAWN - CADD	REVISED - OCT 2010 (JCN)				72	75-2I	PIKE	32	8	
SWPPLAN.DGN	PLOT SCALE = 40.000' / in.	CHECKED - JCN	REVISED -			CONTRACT NO. 72D74					
	PLOT DATE = Oct-26-2011 09:41:55AM	DATE - APRIL 5, 1999	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



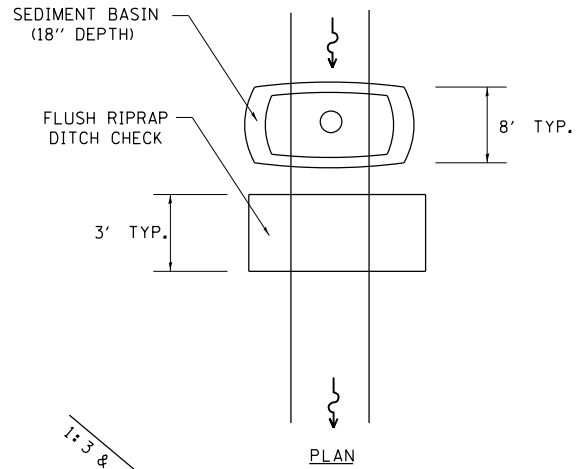
PLAN



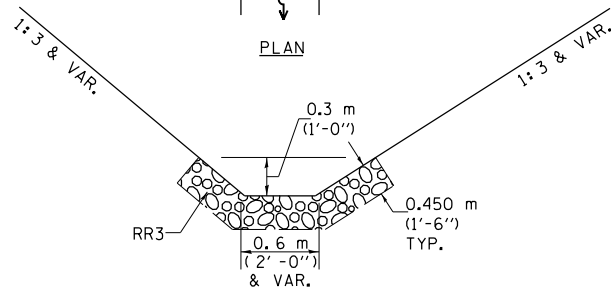
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK

(TYPICAL & OPTIONS 1 & 2
AS DIRECTED BY THE ENGINEER)

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2')]	
TEMPORARY DITCH CHECKS	
INLET PIPE PROTECTION (I&PP)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:

All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

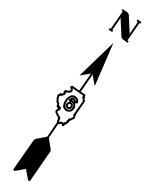
THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.

FILE NAME = SWPPLAN.DGN	USER NAME = sparksgw	DESIGNED -	REVISED - AUG 2007 (JCN)
et:\pw\work\p\dot\sparksgw\0215429\0672074-sht-swpplan01.dgn		DRAWN - CADD	REVISED - OCT 2010 (JCN)
	PLOT SCALE = 40.000' / in.	CHECKED - JCN	REVISED -
	PLOT DATE = Oct-26-2011 09:41:55AM	DATE - APRIL 5, 1999	REVISED -

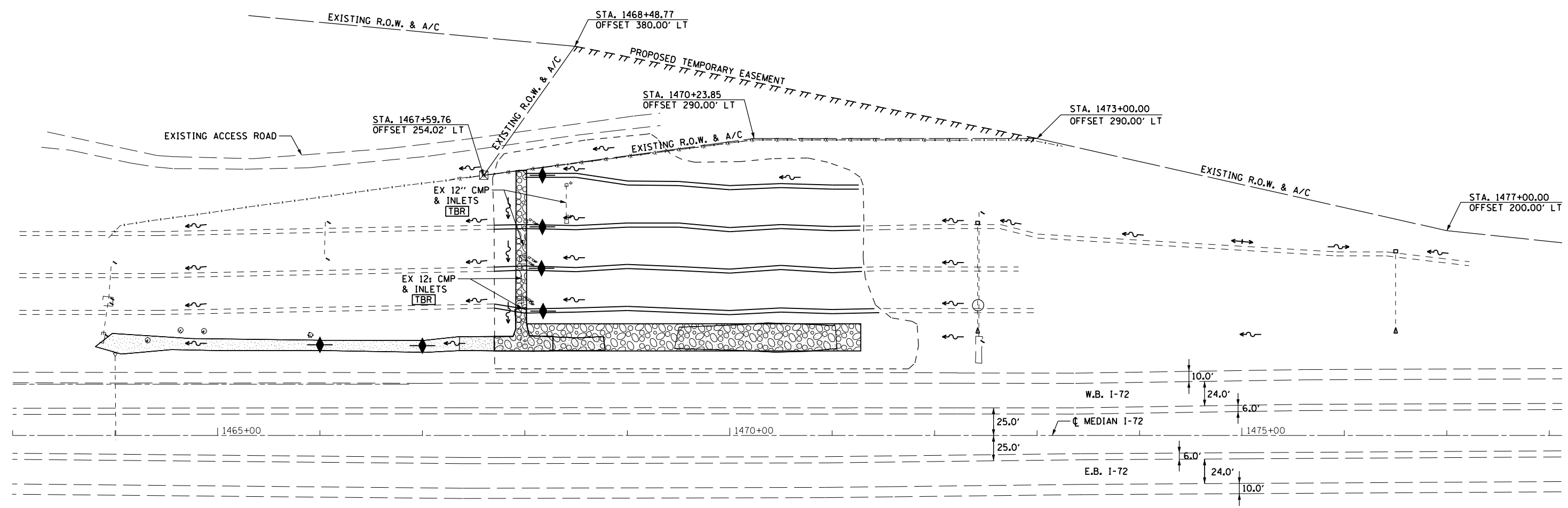
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STORM WATER POLLUTION PREVENTION PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-21	PIKE	32	9
CONTRACT NO. 72D74				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
	AGGREGATE (EROSION CONTROL)



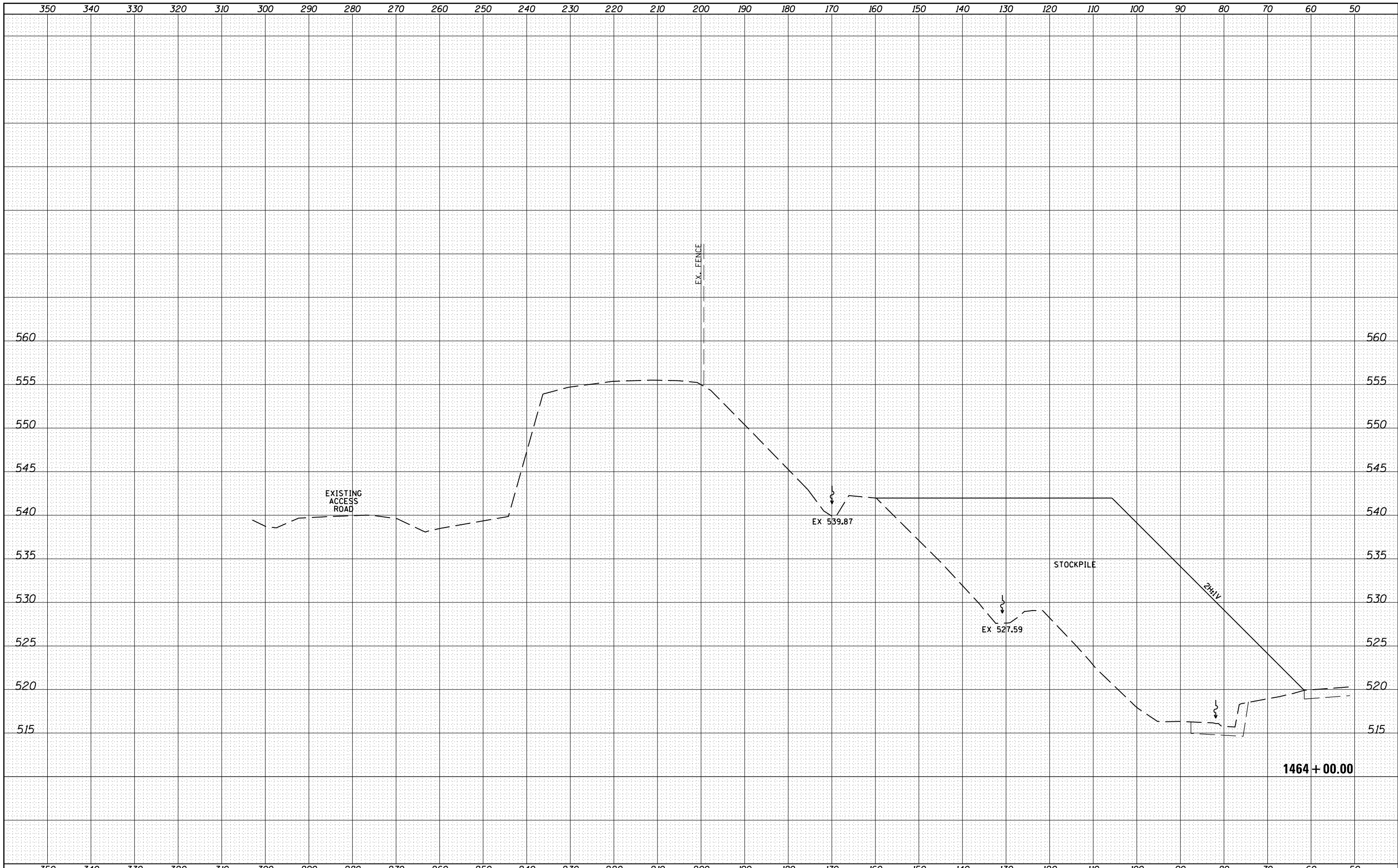
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-26-2011 09:42:02AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
PREVENTION PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	10
CONTRACT NO. 72074				
ILLINOIS FED. AID PROJECT				



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

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

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISIED -
c:\pw\work\pwidot\sparksgw\d0215429\0672074-sh-xssht01.dgn		DRAWN -	REVISIED -
		CHECKED -	REVISIED -
		DATE -	REVISIED -

PLOT SCALE = 20.0000' / in.			
PLOT DATE = Oct-26-2011 09:42:11AM			

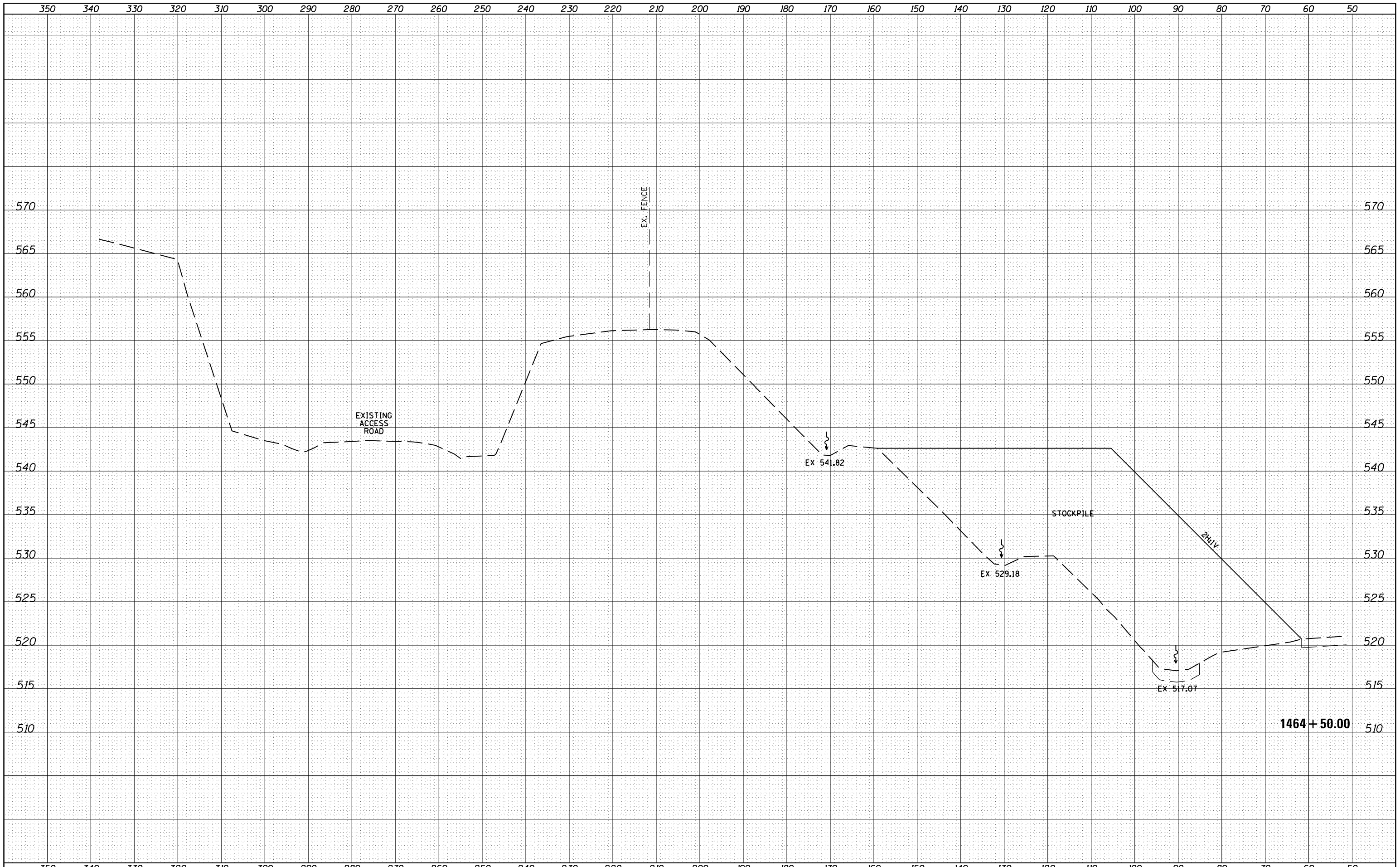
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-72 SLOPE STABILIZATION CROSS SECTIONS			
SCALE:	SHEET	OF	SHEETS
			STA. 1464+00.00 TO STA. 1464+00.00

F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	11
CONTRACT NO. 72074				
ILLINOIS FED. AID PROJECT				

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

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

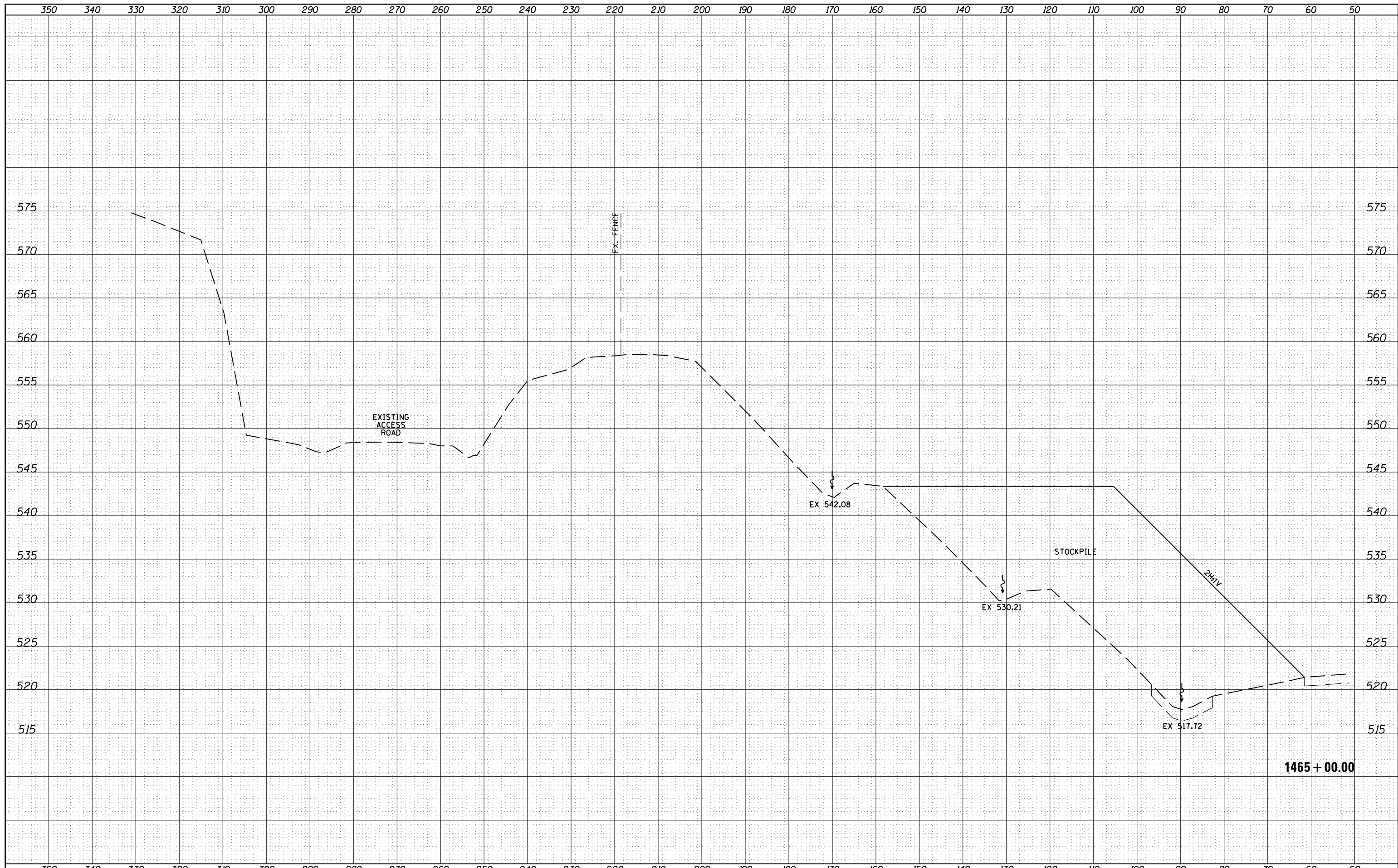


FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 20.0000' / in.			
PLOT DATE = Oct-26-2011 09:42:11AM			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA. 1464+50.00	TO	STA. 1464+50.00
I-72 SLOPE STABILIZATION CROSS SECTIONS						

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	12
CONTRACT NO. 72D74			ILLINOIS FED. AID PROJECT	



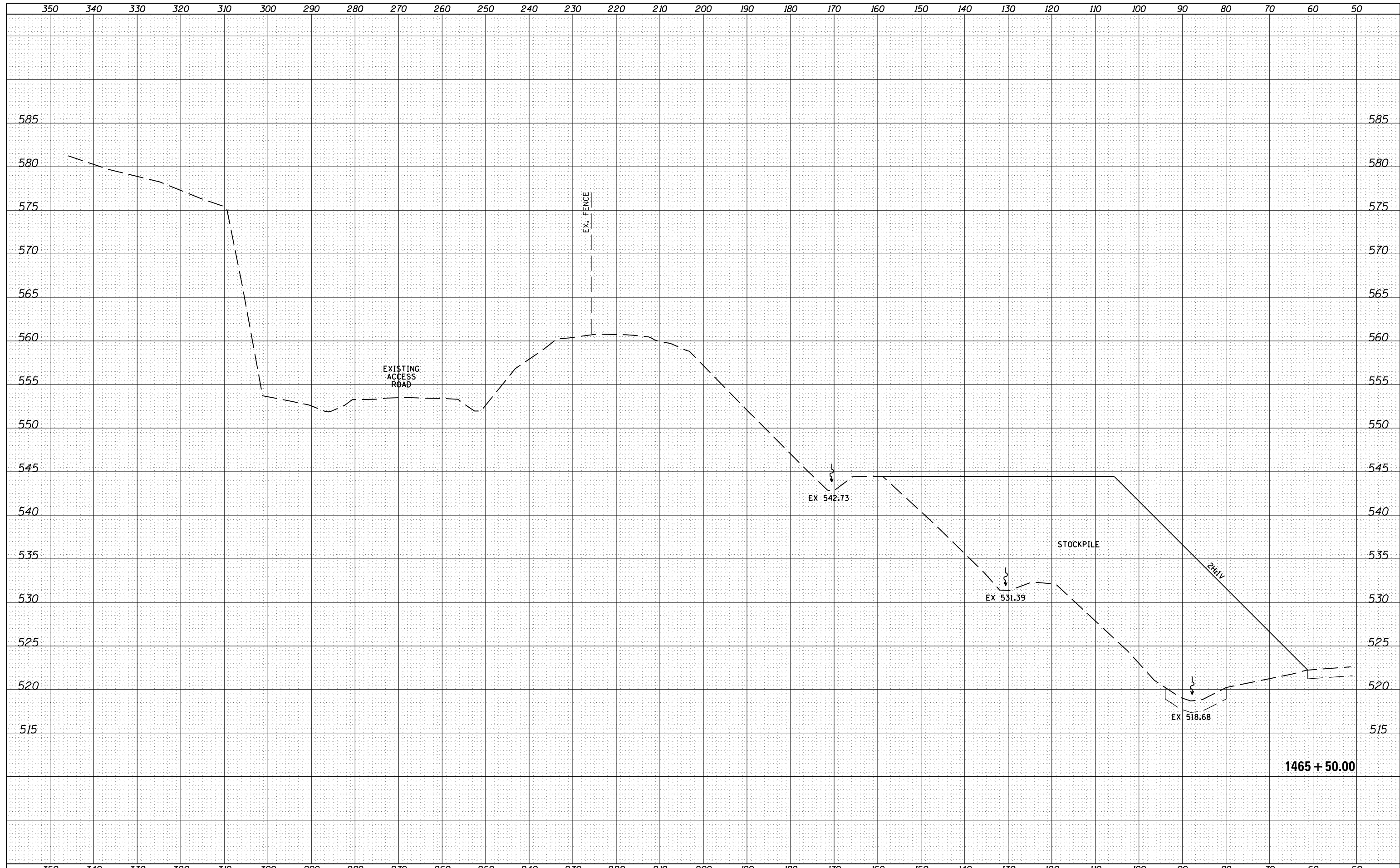
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p1dot\sparksgw\d0215429\0672074-sh-xssh101.dgn	DRAWN -	REVISED -	72			75-2 I	PIKE	32	13	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72074							
PLOT DATE = Oct-26-2011 09:42:12AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: SHEET OF SHEETS STA. 1465+00.00 TO STA. 1465+00.00										

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

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



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-72 SLOPE STABILIZATION CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p1dot\sparksgw\d0215429\0672074-sh-xssh101.dgn		DRAWN -	REVISED -		72	75-2 I	PIKE	32	14			
PLOT SCALE = 20.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 72074							
PLOT DATE = Oct-26-2011 09:42:12AM		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 1465+50.00 TO STA. 1465+50.00	ILLINOIS FED. AID PROJECT		

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

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



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\sparksgw\d0215429\0672074-sh-xssh101.dgn	DRAWN -	REVISIED -	72			75-2 I	PIKE	32	15	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -	CONTRACT NO. 72074							
PLOT DATE = Oct-26-2011 09:42:13AM	DATE -	REVISIED -	ILLINOIS FED. AID PROJECT							
SCALE:					SHEET	OF	SHEETS	STA. 1466+00.00 TO STA. 1466+00.00		



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

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

FILE NAME =	USER NAME = sparsksgw	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-72 SLOPE STABILIZATION CROSS SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwwork\sparsksgw\d0215429\0672074-sh-xssh101.dgn		DRAWN -	REVISIED -		72	75-2 I	PIKE	32	16				
PLOT SCALE = 20.0000' / in.		CHECKED -	REVISIED -		CONTRACT NO. 72074								
PLOT DATE = Oct-26-2011 09:42:13AM		DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA. 1466+50.00	TO STA. 1466+50.00	ILLINOIS FED. AID PROJECT		

BY	DATE

BY	DATE



FILE NAME =
 c:\pw\work\p1dot\sparksq\d0215429\d672074-sh-xssht01.dgn

USER NAME = sparksq
 DESIGNED -
 DRAWN -
 PLOT SCALE = 20.0000' / in.
 CHECKED -
 PLOT DATE = Oct-26-2011 09:42:13AM

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-72 SLOPE STABILIZATION
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 1467+00.00 TO STA. 1467+00.00

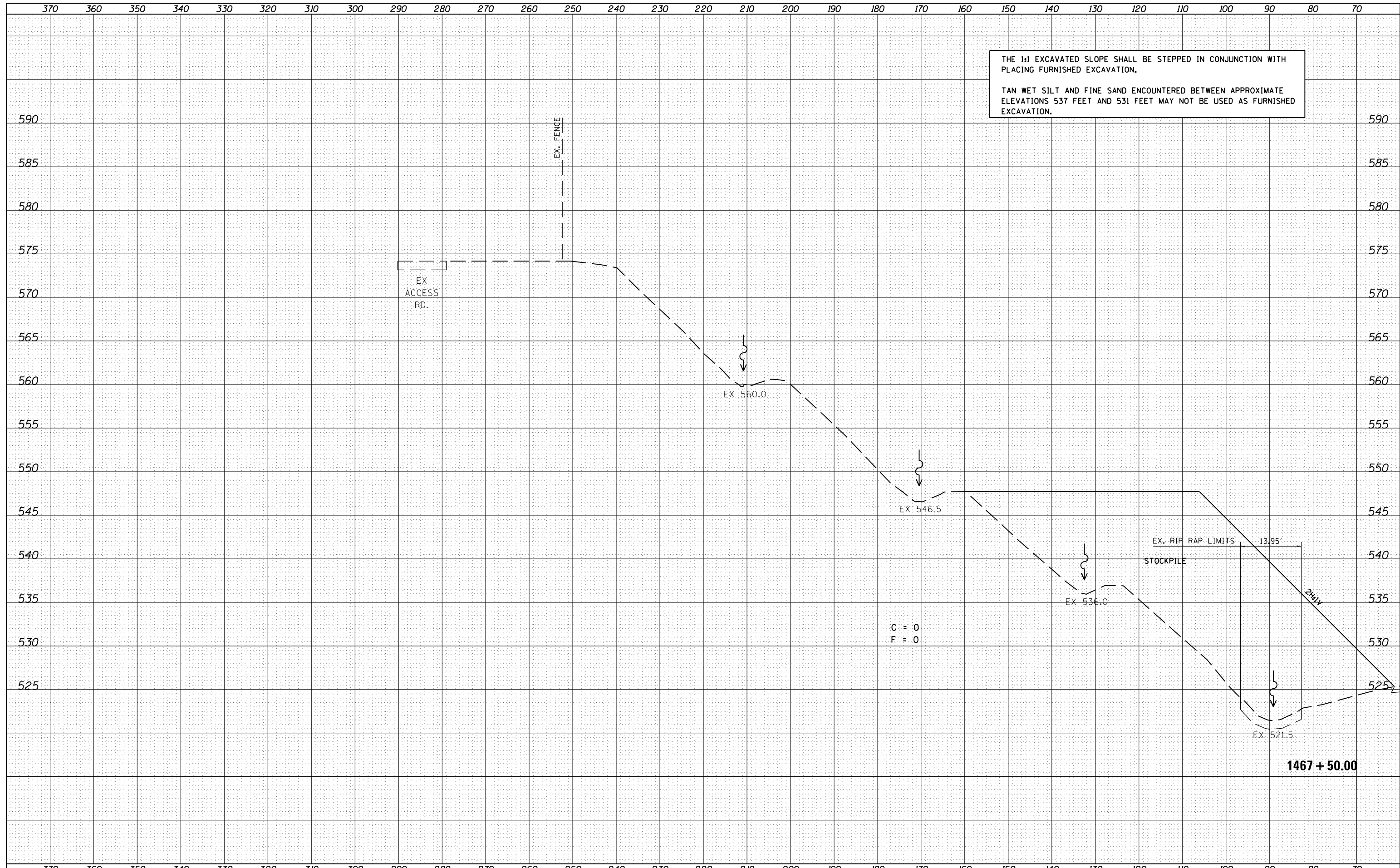
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	17
CONTRACT NO. 72D74				
ILLINOIS FED. AID PROJECT				

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

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

THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.

TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

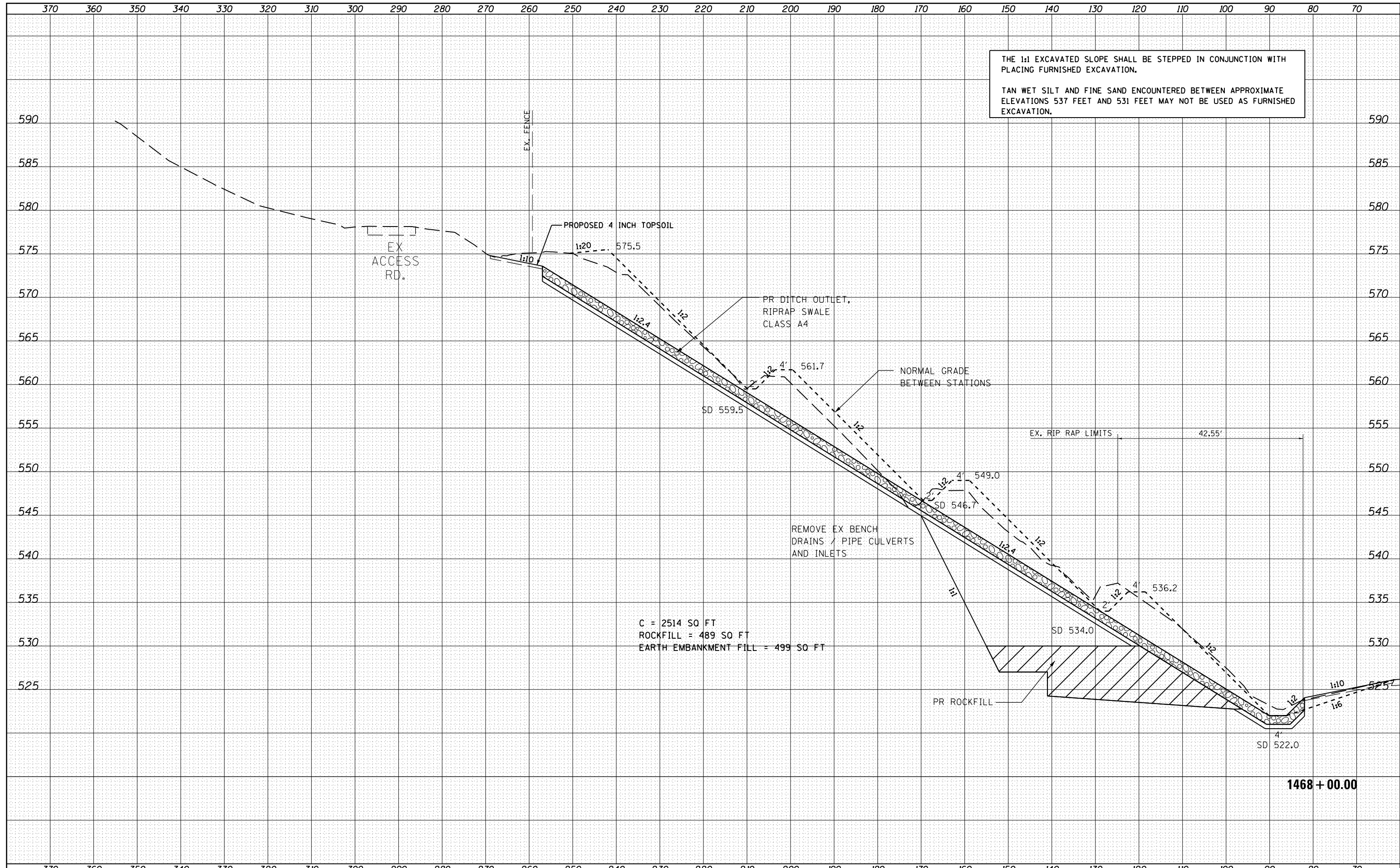


C = 0
F = 0

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh101.dgn		DRAWN -	REVISED -		72	75-2 I	PIKE	32	18			
		CHECKED -	REVISED -		CONTRACT NO. 72074							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 1467+50.00 TO STA. 1467+50.00	ILLINOIS FED. AID PROJECT			

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

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



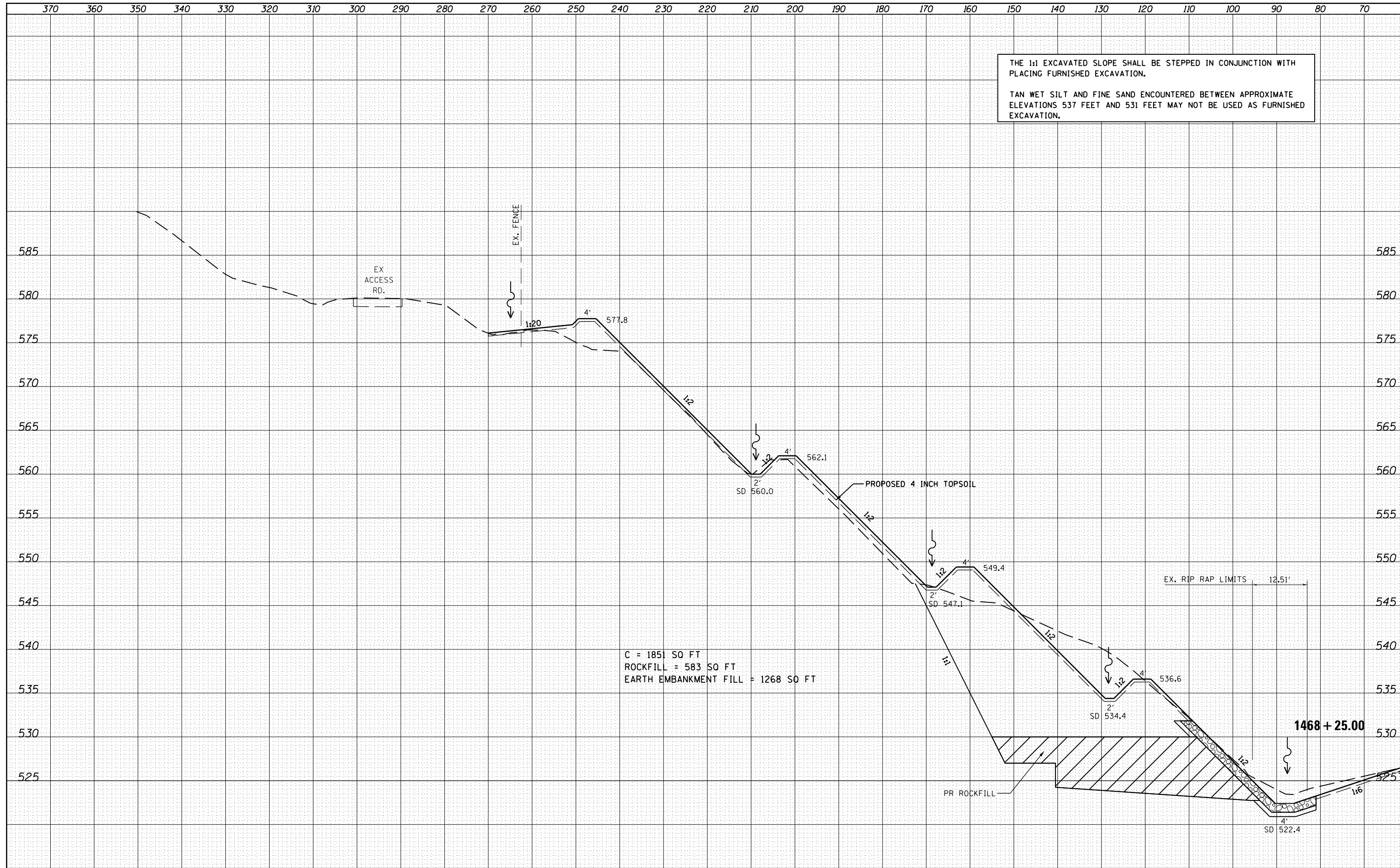
C = 2514 SQ FT
 ROCKFILL = 489 SQ FT
 EARTH EMBANKMENT FILL = 499 SQ FT

THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.
 TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\p\dot\sparksgw\d0215429\0672074-sh	xsst01.dgn	DRAWN -	REVISED -			72	75-2 I	PIKE	32	19	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA. 1468+00.00 TO STA. 1468+00.00	CONTRACT NO. 72074		
PLOT DATE = Oct-26-2011 09:42:14AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

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

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



THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.

TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

C = 1851 SQ FT
 ROCKFILL = 583 SQ FT
 EARTH EMBANKMENT FILL = 1268 SQ FT

FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -
c:\pw\work\pwidot\sparksq\d0215429\0672074-sh-xssh102.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 20.0000' / in.			
PLOT DATE = Oct-26-2011 09:42:31AM			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

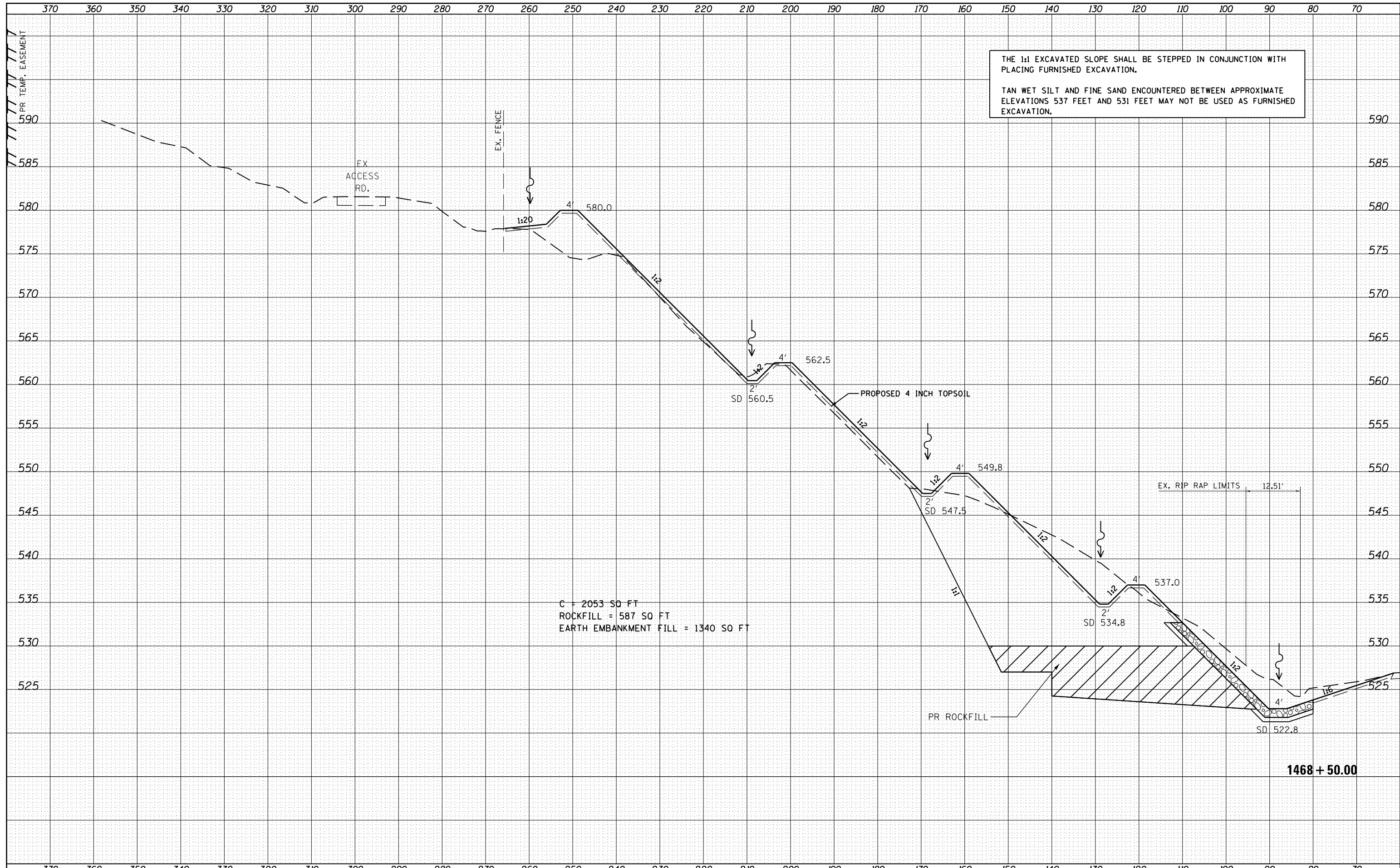
I 72 SLOPE STABILIZATION CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 1468+25.00 TO STA. 1468+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	20
CONTRACT NO. 72D74				
ILLINOIS FED. AID PROJECT				

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

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



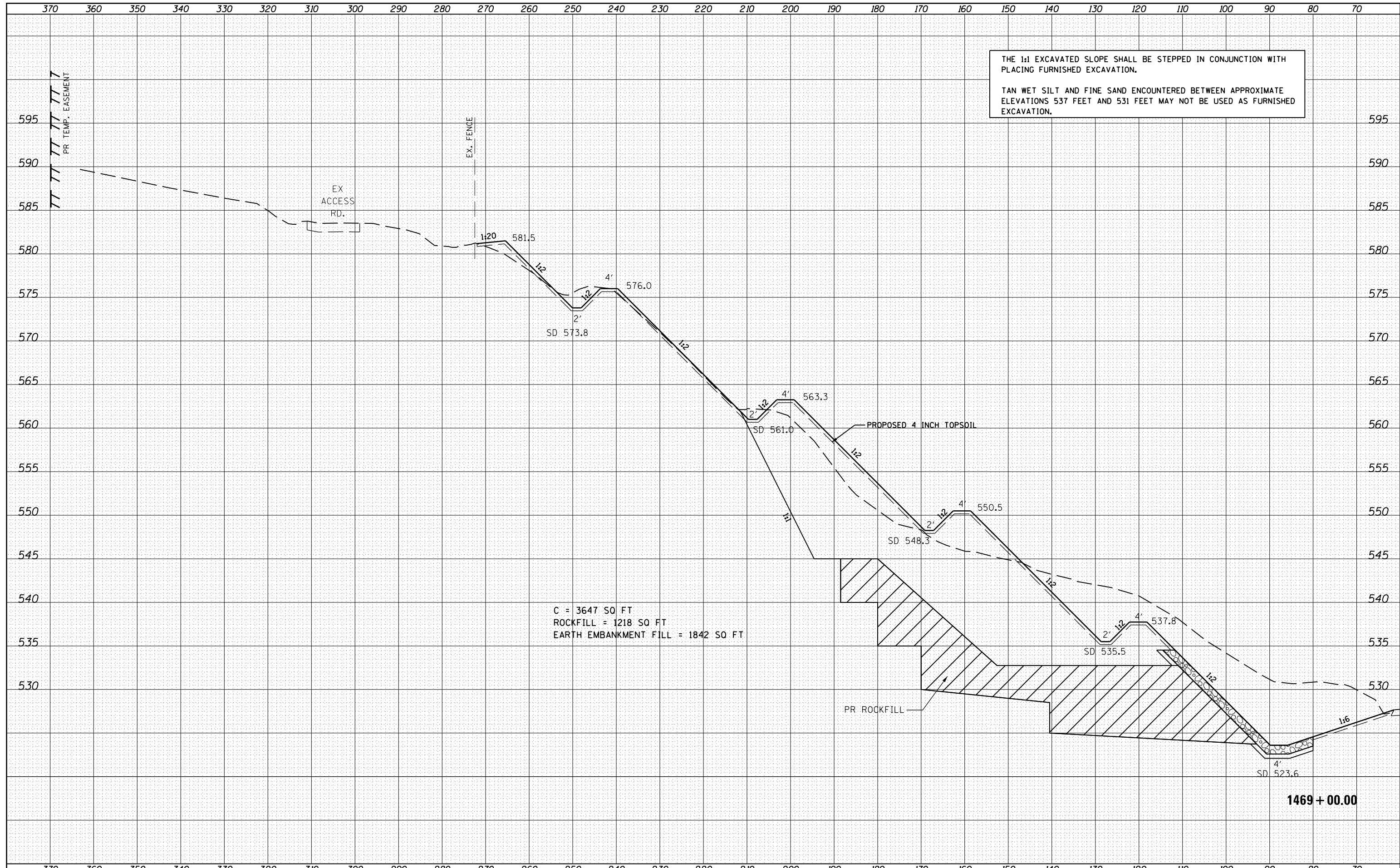
C = 2053 SQ FT
 ROCKFILL = 587 SQ FT
 EARTH EMBANKMENT FILL = 1340 SQ FT

THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.
 TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\sparksq\ad0215429\0672074-sh-xssh101.dgn	DRAWN -	REVISED -	72			75-2 I	PIKE	32	21	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72074							
PLOT DATE = Oct-26-2011 09:42:37AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:		SHEET NO.	OF SHEETS	STA. 1468+50.00 TO STA. 1468+50.00						

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

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



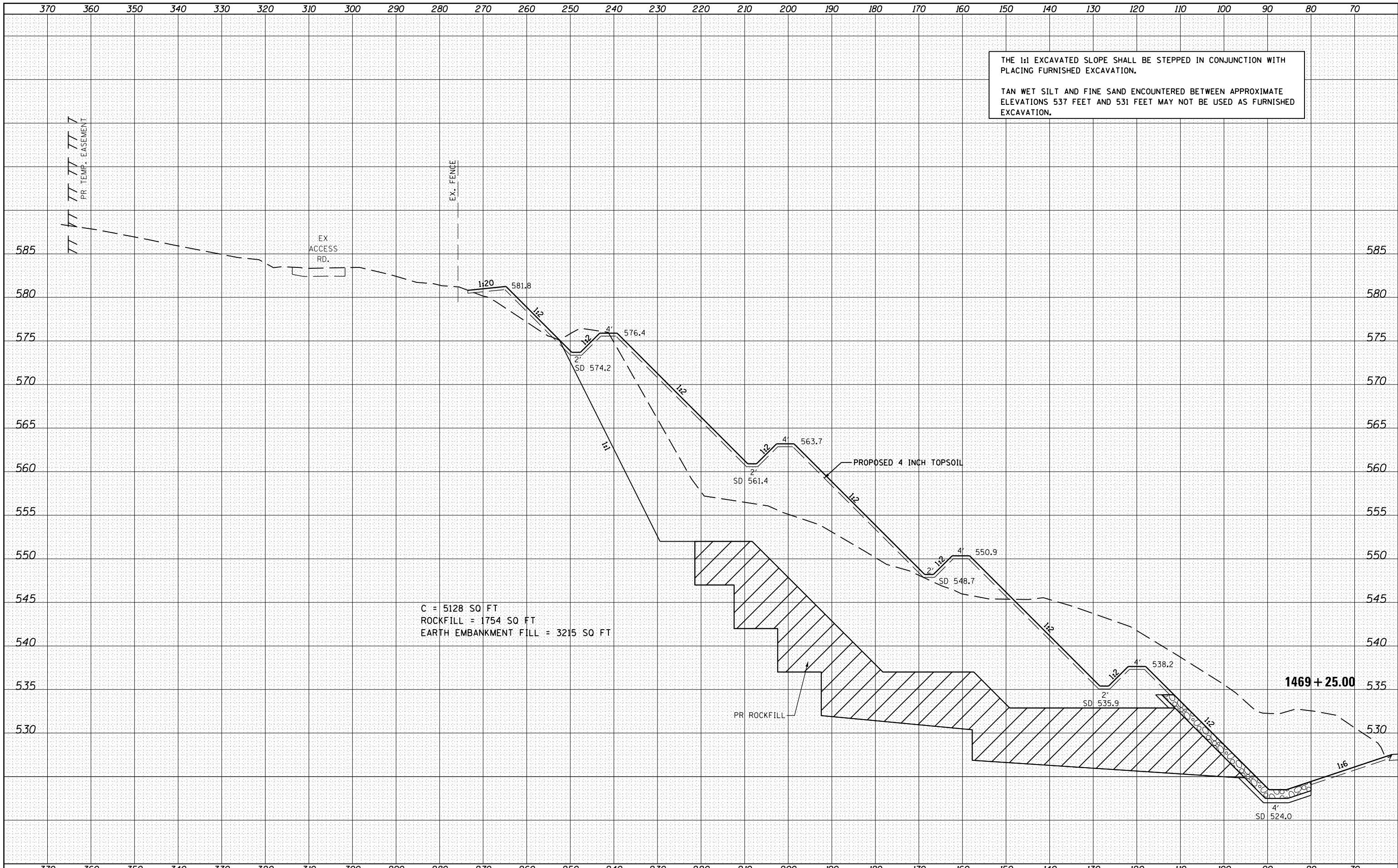
FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksq\d0215429\0672074-sh-xssh101.dgn	DRAWN -	REVISD -	72			75-2 I	PIKE	32	22	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -	CONTRACT NO. 72D74							
PLOT DATE = Oct-26-2011 09:42:38AM	DATE -	REVISD -	ILLINOIS FED. AID PROJECT							
SCALE:		SHEET NO. OF SHEETS		STA. 1469+00.00 TO STA. 1469+00.00						

THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.

TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

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

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



C = 5128 SQ FT
 ROCKFILL = 1754 SQ FT
 EARTH EMBANKMENT FILL = 3215 SQ FT

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh102.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 20.0000' / in.			
PLOT DATE = Oct-26-2011 09:42:45AM			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

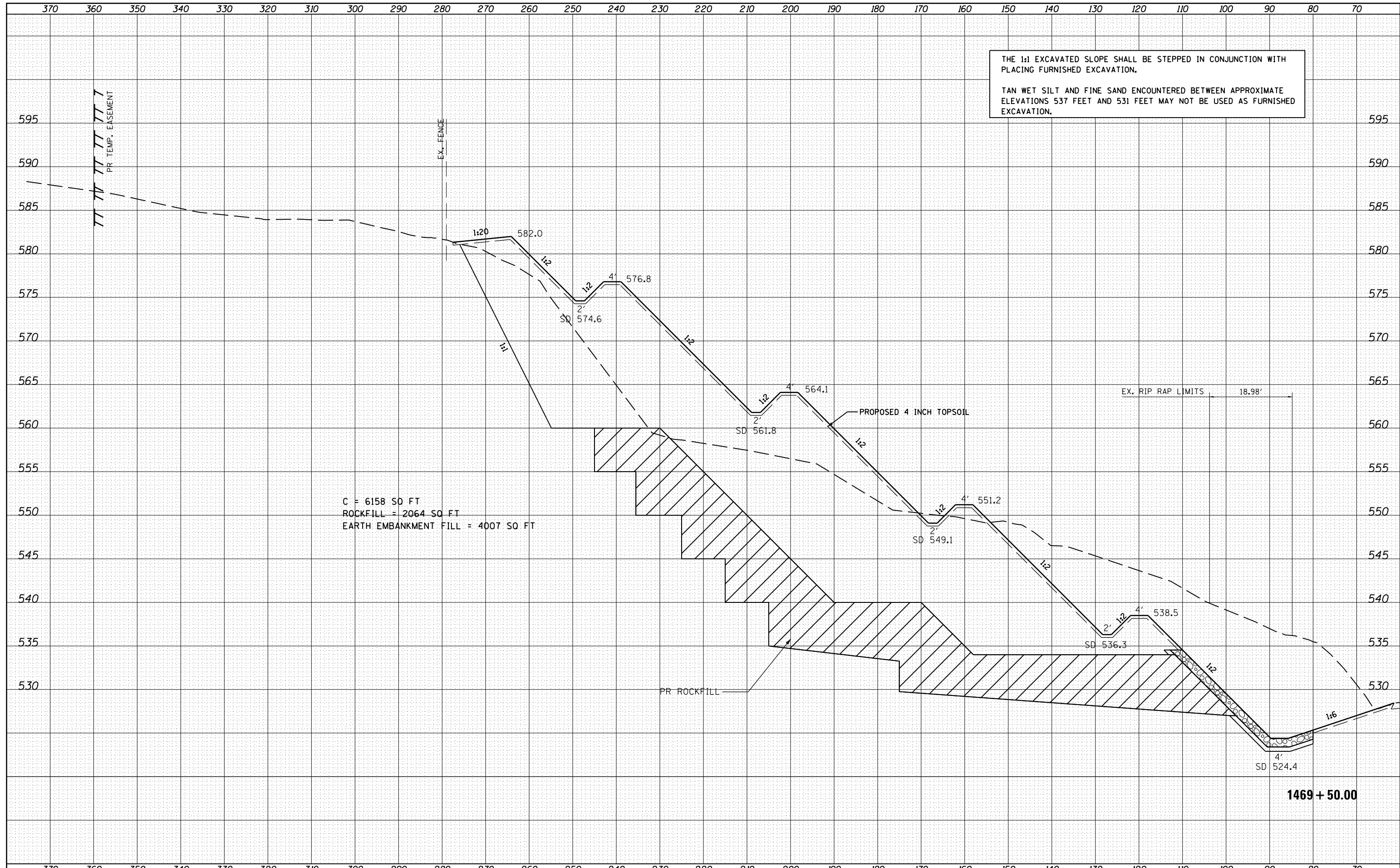
I 72 SLOPE STABILIZATION CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 1469+25.00 TO STA. 1469+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	23
CONTRACT NO. 72074				
ILLINOIS FED. AID PROJECT				

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

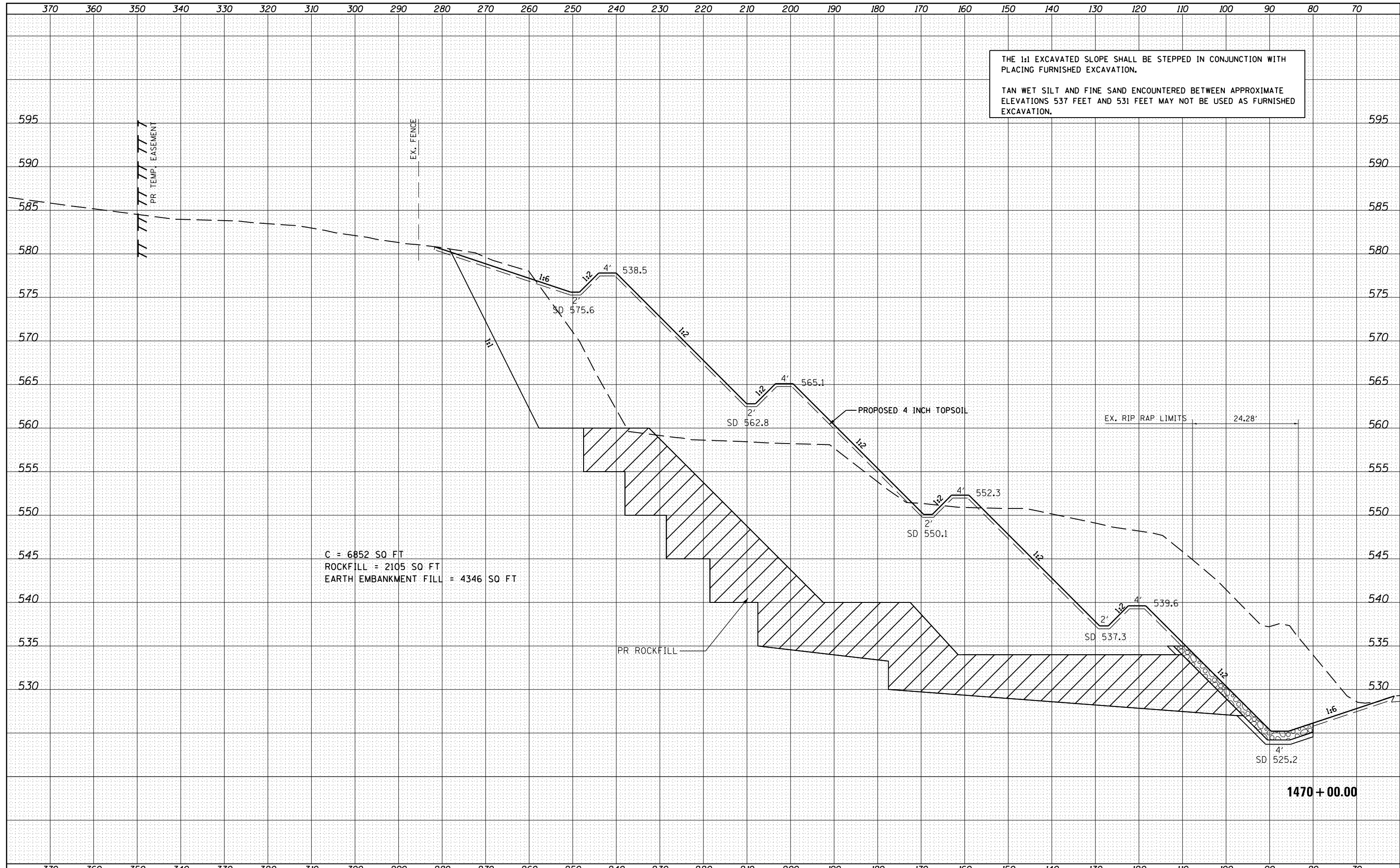
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh101.dgn	DRAWN -	REVISED -	72			75-2 I	PIKE	32	24	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72074							
PLOT DATE = Oct-26-2011 09:42:51AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:		SHEET NO. OF SHEETS		STA. 1469+50.00 TO STA. 1469+50.00						

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

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



C = 6852 SQ FT
 ROCKFILL = 2105 SQ FT
 EARTH EMBANKMENT FILL = 4346 SQ FT

FILE NAME =
 c:\pw\work\p1dot\sparksgw\d0215429\0672074-sh-xssh101.dgn

USER NAME = sparksgw	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = Oct-26-2011 09:42:52AM	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

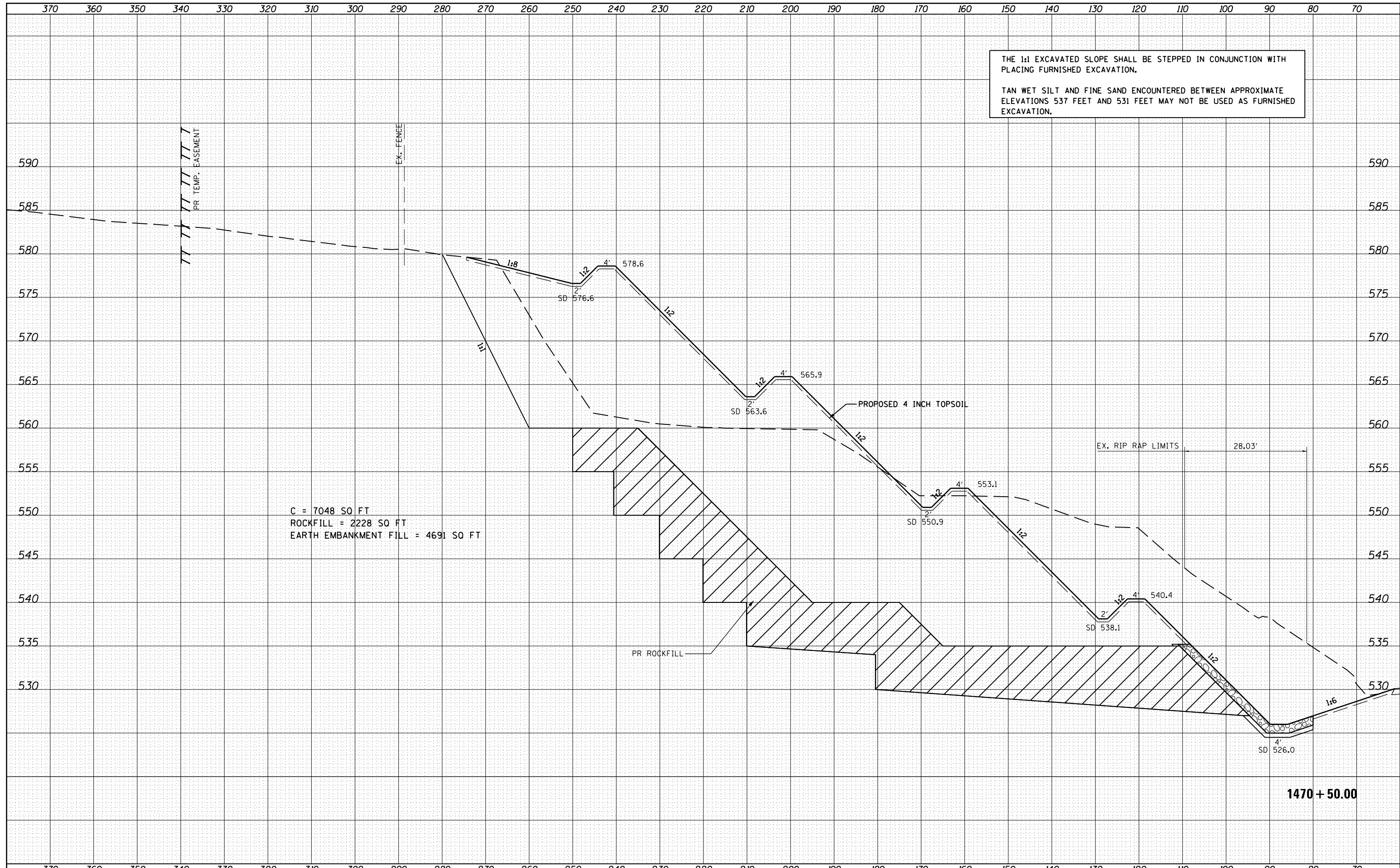
I 72 SLOPE STABILIZATION CROSS SECTIONS
 SCALE: SHEET NO. OF SHEETS STA. 1470+00.00 TO STA. 1470+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	25
CONTRACT NO. 72074				
ILLINOIS FED. AID PROJECT				

1470 + 00.00

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

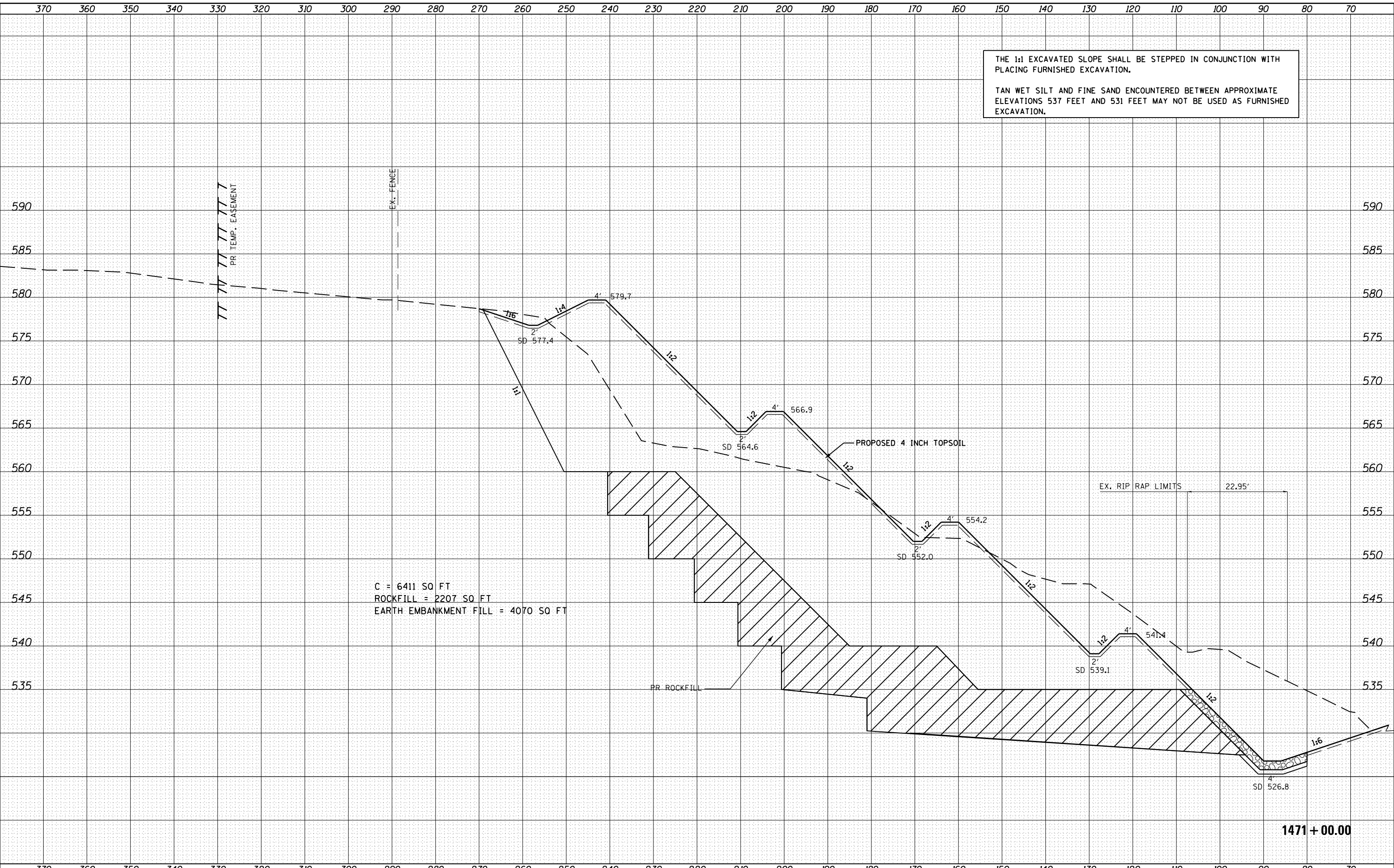
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



C = 7048 SQ FT
 ROCKFILL = 2228 SQ FT
 EARTH EMBANKMENT FILL = 4691 SQ FT

THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.
 TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh101.dgn	DRAWN -	REVISED -	72			75-2 I	PIKE	32	26	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72074							
PLOT DATE = Oct-26-2011 09:42:52AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:		SHEET NO. OF SHEETS		STA. 1470+50.00 TO STA. 1470+50.00						



THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.

TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

C = 6411 SQ FT
 ROCKFILL = 2207 SQ FT
 EARTH EMBANKMENT FILL = 4070 SQ FT

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVIS
c:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh01.dgn		DRAWN -	REVIS
		CHECKED -	REVIS
		DATE -	REVIS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I 72 SLOPE STABILIZATION CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 1471+00.00 TO STA. 1471+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	75-2 I	PIKE	32	27
CONTRACT NO. 72074				
ILLINOIS FED. AID PROJECT				

1471 + 00.00

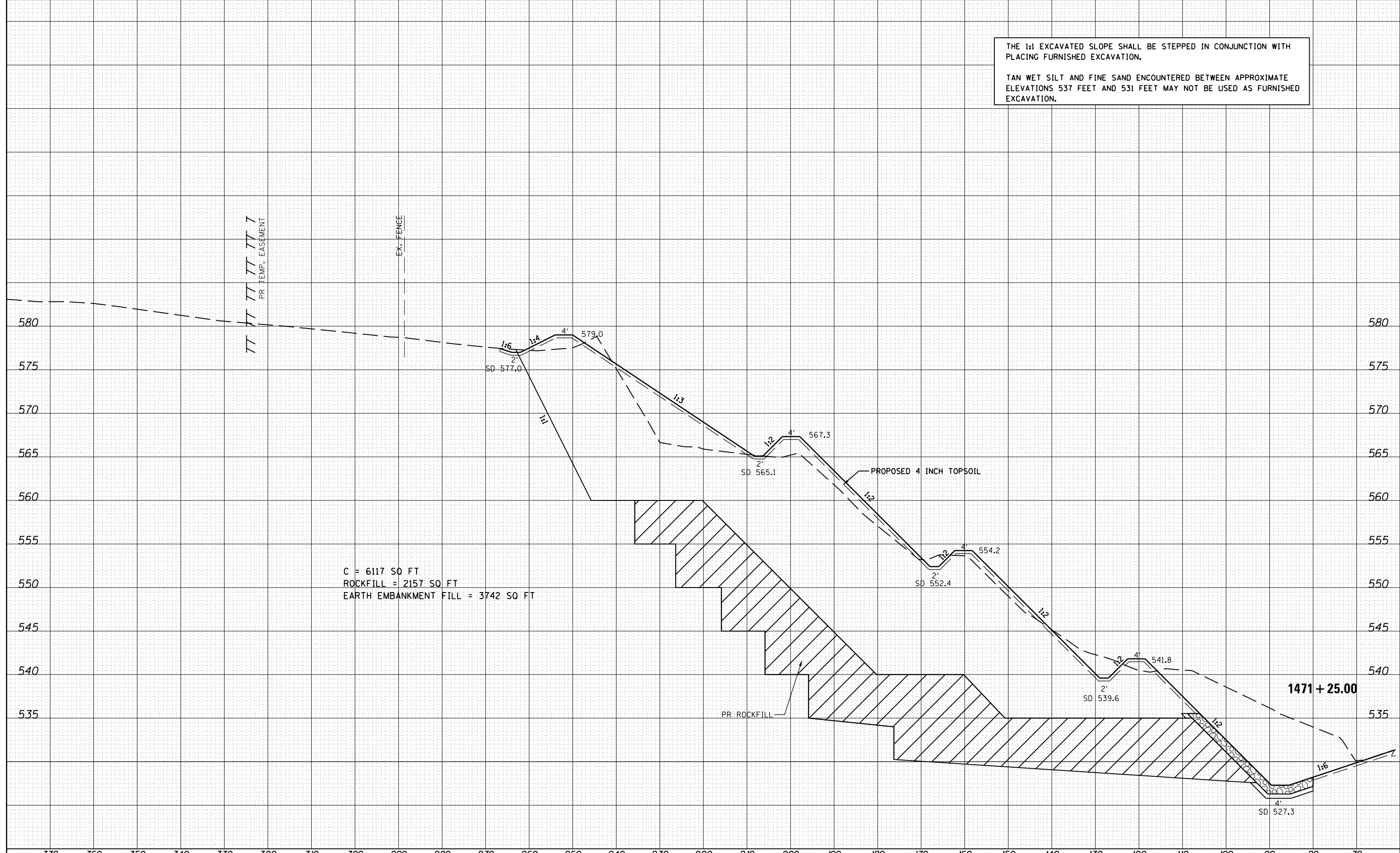
370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70

THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.

TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISD -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">I 72 SLOPE STABILIZATION CROSS SECTIONS</p>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh102.dgn		DRAWN -	REVISD -		72	75-2 I	PIKE	32	28
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PLOT DATE = Oct-26-2011 09:42:59AM		DATE -	REVISD -		SCALE:	SHEET NO.	OF SHEETS	STA. 1471+25.00 TO STA. 1471+25.00	ILLINOIS FED. AID PROJECT

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

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



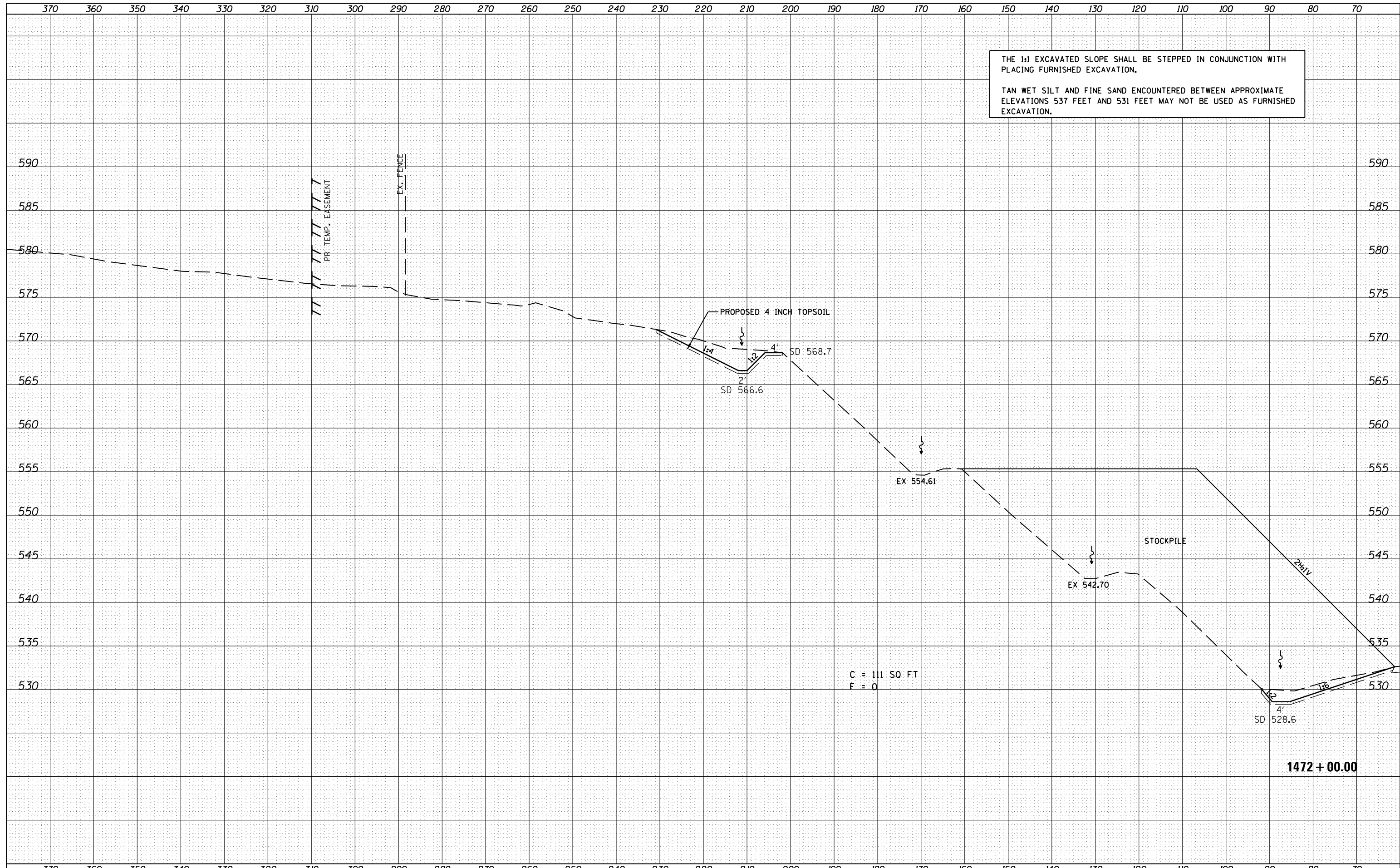
C = 187 SQ FT
F = 123 SQ FT

1471 + 50.00

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh101.dgn		DRAWN -	REVISD -			72	75-2 I	PIKE	32	29	
		CHECKED -	REVISD -			CONTRACT NO. 72074					
		DATE -	REVISD -			SCALE:	SHEET NO.	OF SHEETS	STA. 1471+50.00 TO STA. 1471+50.00	ILLINOIS FED. AID PROJECT	

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

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



THE 1:1 EXCAVATED SLOPE SHALL BE STEPPED IN CONJUNCTION WITH PLACING FURNISHED EXCAVATION.

TAN WET SILT AND FINE SAND ENCOUNTERED BETWEEN APPROXIMATE ELEVATIONS 537 FEET AND 531 FEET MAY NOT BE USED AS FURNISHED EXCAVATION.

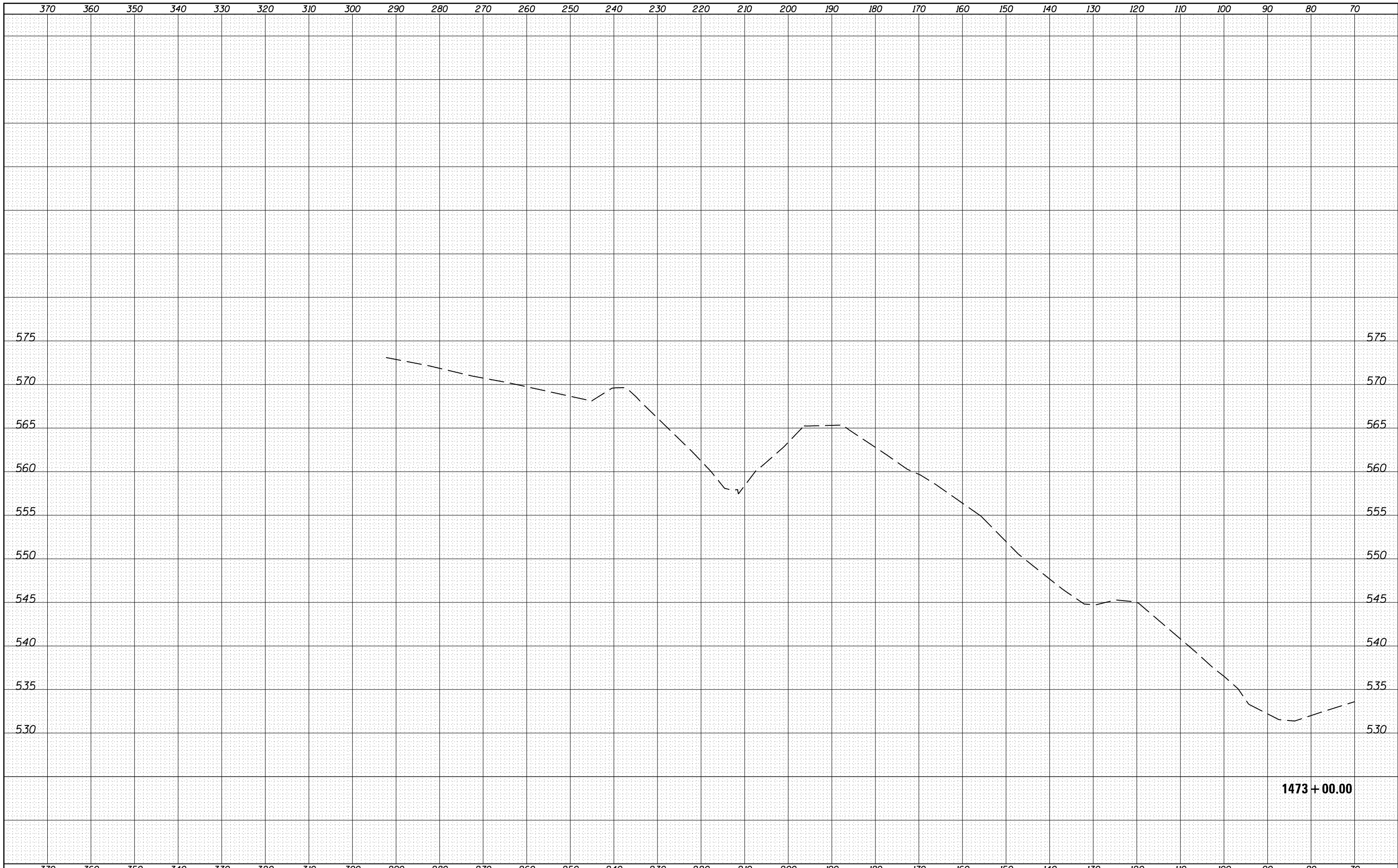
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I 72 SLOPE STABILIZATION CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksgw\d0215429\0672074-sh-xssh101.dgn		DRAWN -	REVISD -		72	75-2 I	PIKE	32	30			
PLOT SCALE = 20.0000' / in.		CHECKED -	REVISD -		CONTRACT NO. 72074							
PLOT DATE = Oct-26-2011 09:43:07AM		DATE -	REVISD -		SCALE:	SHEET NO.	OF SHEETS	STA. 1472+00.00 TO STA. 1472+00.00	ILLINOIS FED. AID PROJECT			



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.		NOTE BOOK			

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.		NOTE BOOK			

1472+50.00



1473 + 00.00

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

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

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-72 SLOPE STABILIZATION CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\sparksgw\d0215429\0672074-sh-xssh101.dgn	DRAWN -	REVISIED -	72					75-2 I	PIKE	32	32	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -	CONTRACT NO. 72074									
PLOT DATE = Oct-26-2011 09:43:07AM	DATE -	REVISIED -	SCALE:		SHEET	OF	SHEETS	STA. 1473+00.00	TO STA. 1473+00.00	ILLINOIS FED. AID PROJECT		