

**INDEX OF SHEETS**

08-02-13 LETTING ITEM 063

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

**GREENWAY TRAIL NORTH ALONG SWIFT ROAD (CH 54)  
EAST BRANCH DUPAGE RIVER  
GREAT WESTERN TRAIL TO IL ROUTE 64 (NORTH AVENUE)  
BICYCLE FACILITY  
SECTION: 11-00002-04-BT  
PROJECT: HPP-2857 (101)  
DUPAGE COUNTY**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DUPAGE	46	1
		ILLINOIS	CONTRACT NO. 63813	



- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULES OF QUANTITIES
- 6-7 ALIGNMENT, TIES, AND BENCHMARKS
- 8-10 PLAN AND PROFILE SHEETS
- 11 TRAFFIC CONTROL DETAILS
- 12-15 INTERSECTION DETAILS
- 16-17 EROSION AND SEDIMENT CONTROL DETAILS
- 18 PAVEMENT MARKING DETAILS
- 19-20 STRUCTURAL DETAILS
- 21-22 DRIVEWAY DETAILS
- 23-25 DISTRICT 1 DETAILS
- 26-46 CROSS SECTIONS

**IDOT HIGHWAY STANDARDS**

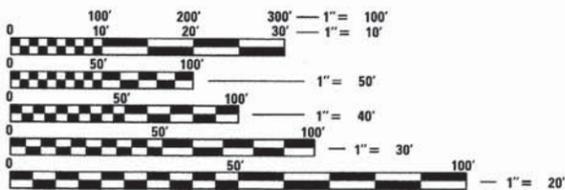
- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424026-01 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 606401-01 PAVED DITCH
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 630201-06 PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-06 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-09 TRAFFIC BARRIER TERMINAL, TYPE 2
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 641006-01 SIGHT SCREEN WOOD PLANK FENCE TYPE P
- 664001-02 CHAIN LINK FENCE
- 701001-02 OFF -RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-04 OFF -RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701301-04 OFF -RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701701-08 URBAN LANE CLOSURE, MULTI LANE INTERSECTION
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-03 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 726001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-03 TYPICAL PAVEMENT MARKINGS

**DISTRICT 1 DETAILS**

- BD01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15' (4.5 M)
- BD36 FIRE HYDRANT TO BE MOVED
- TC10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

**DESIGN DESIGNATION**

SWIFT ROAD (CH 54)  
FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL  
SPEED LIMIT = 40 MPH (SWIFT ROAD)  
DESIGN SPEED = 20 MPH (MULTI-USE TRAIL)  
ADT TRAFFIC VOLUME = 7,400 VPD (2007)

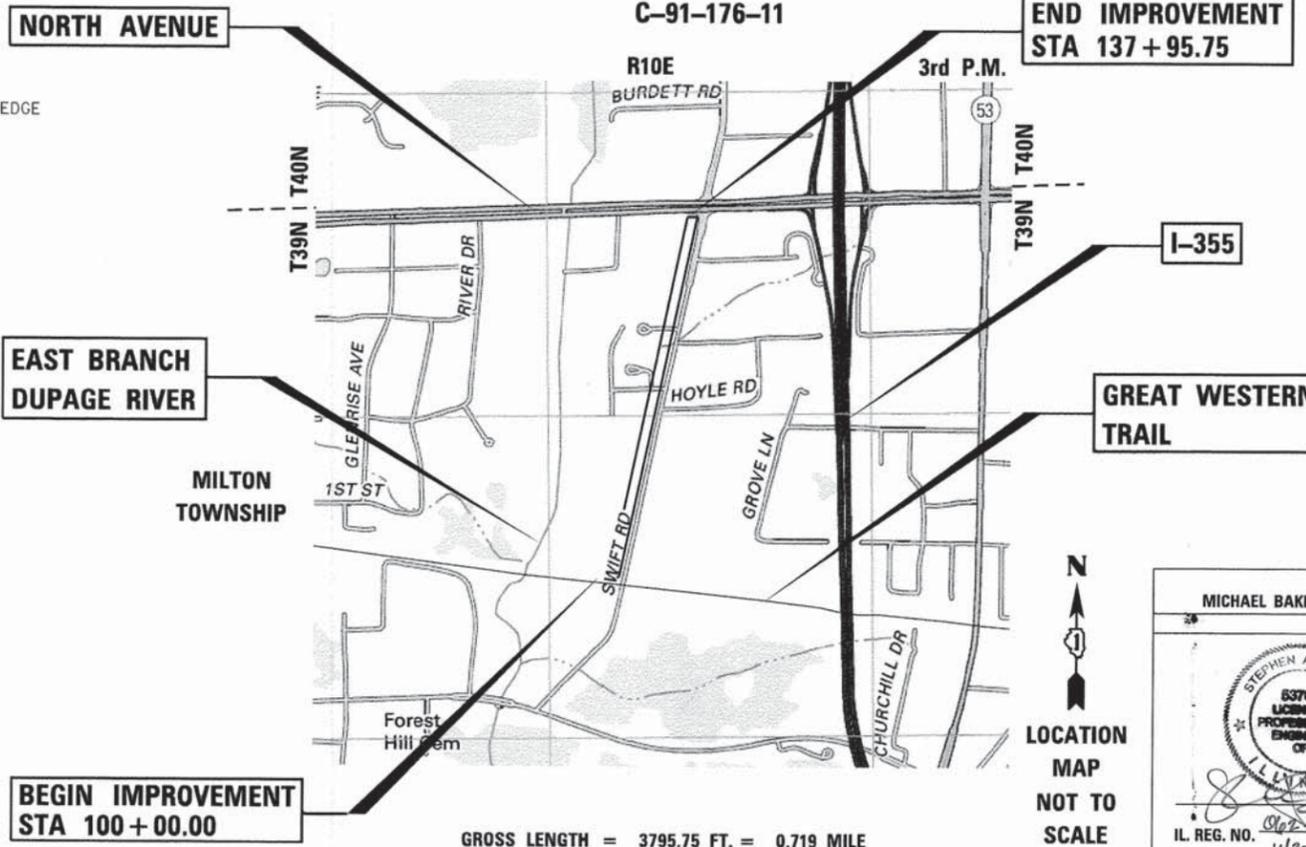


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT IS LOCATED  
IN UNINCORPORATED  
LOMBARD

**CONTRACT NO. 63813**



GROSS LENGTH = 3795.75 FT. = 0.719 MILE  
NET LENGTH = 3795.75 FT. = 0.719 MILE

LOCATION  
MAP  
NOT TO  
SCALE

MICHAEL BAKER JR., INC.

STEPHEN A. ELROD  
63706  
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

IL REG. NO. 062-54706 P.E.  
EXP. 11/30/13  
DATE 5/31/13

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED June 3<sup>rd</sup> 2013  
Christopher Snyder  
DU PAGE COUNTY ENGINEER

PASSED JUNE 3 2013  
C. Holt  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW May 31 2013  
John P. ...  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDOLE, P.E. 847-705-4406 SCHAUMBURG, IL

**GENERAL NOTES**

1. THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN AND REMOVE ALL SIGNS, BARRICADES, FLAGGERS AND OTHER TRAFFIC CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS AND THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. ALL ELEVATIONS ARE BASED ON NGVD 29 DATUM.
3. THE UNIT PRICE FOR ALL REMOVAL PAY ITEMS SHALL INCLUDE ALL REQUIRED SAW CUTS.
4. ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
5. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF ALL UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
7. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND MILTON TOWNSHIP.
8. WHENEVER, DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED. IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF EROSION CONTROL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. EXISTING PUBLIC AND PRIVATE UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES, MUNICIPALITIES, AND SURVEYS. IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31 OF STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL BE FAMILIARIZED WITH THE LOCATION OF ALL UTILITIES AND STRUCTURES THAT MAY BE FOUND IN THE VICINITY OF THE CONSTRUCTION. THE CONTRACTOR WILL ALSO ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATIONS AND/OR ELEVATIONS OF THE UTILITIES MAY BE DIFFERENT THAN INDICATED.
10. SHOULD ANY DAMAGES OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, THE CONTRACTOR SHALL MAKE REPAIRS IN A MANNER ACCEPTABLE TO THE ENGINEER, AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF HIS CONSTRUCTION SCHEDULE AND COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER, IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31 OF STANDARD SPECIFICATIONS.
11. ALL UTILITIES, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
12. UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
13. DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT THE CONTRACTOR'S EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS. THIS WORK WILL BE IN ACCORDANCE WITH ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS.
14. ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION AND WILL NOT BE PAID FOR SEPARATELY.
15. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AN ACCESSIBLE ALTERNATIVE TEMPORARY PATH OPEN AT ALL TIMES WITH THE USE OF IDOT STANDARD ROAD PLAN 701801-05. THE CONTRACTOR WILL ONLY BE ALLOWED TO DIRECT PEDESTRIANS TO THE OTHER SIDE OF SWIFT ROAD (CH 54) AT SIGNALIZED OR 4 WAY STOPPED CONTROLLED INTERSECTIONS.
16. ALL FIRE HYDRANTS TO BE RELOCATED AS PART OF THE CONTRACT SHALL BE RELOCATED IN ACCORDANCE WITH IDOT-DISTRICT 1 DETAIL BD-36. ALL WORK ASSOCIATED WITH RELOCATING THE HYDRANT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR 'FIRE HYDRANTS TO BE MOVED'.
17. THE CONTRACTOR SHALL CONTACT AND OBTAIN APPROVAL FROM THE DUPAGE WATER COMMISSION FOR ALL MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA. WHENEVER AN EXISTING WATER MAIN OR A SECTION THEREOF IS TO BE SHUT DOWN DURING THE COURSE OF CONSTRUCTION, EVERY INDIVIDUAL CONSUMER SHALL BE NOTIFIED AT LEAST SEVENTY -TWO HOURS PRIOR TO SHUT DOWN.
18. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
19. ALL CLEARING, REMOVAL OF BUSHES, HEDGES AND TREES UNDER SIX (6) INCHES IN DIAMETER SHALL BE AS STATED IN SECTION 201 OF STANDARD SPECIFICATION.

20. OVERHANGING LIMBS ARE TO BE TRIMMED OR CUT OFF TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF TEN (10) FEET FROM THE FINISHED SURFACE OF THE TRAIL OR SIDEWALK. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF AN APPROVED TREE EXPERT AS STATED IN THESE NOTES AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION. ALL CUTS OVER ONE (1) INCH IN DIAMETER SHALL BE MADE AT THE GROWTH RING AT THE NEXT LARGE BRANCH. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE OUTSIDE THE LIMITS OF THE RIGHT OF WAY. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TREE PRUNING (OVER 10" DIAMETER).
21. THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL.
22. TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT OF WAY MUST BE APPROVED BY THE ENGINEER.
23. ALL EXISTING GRANULAR PAVEMENT TO BE REMOVED SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
24. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT PAVEMENT BY GRINDING OR EXCAVATING. IF THE HOT-MIX ASPHALT PAVEMENT IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. HOT-MIX ASPHALT PAVEMENT REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO HOT-MIX ASPHALT PAVEMENT SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.
25. THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.
26. ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB- BASE GRANULAR MATERIAL.
27. ALL EXISTING DOMESTIC BUFFALO BOXES ARE TO BE ADJUSTED BY THE CONTRACTOR. THE COST OF THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
28. THE STATION / OFFSET / ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
29. EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.
30. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER BEING CONNECTED.
31. MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.
32. ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER.
33. ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS. THE COST OF INVERTS SHALL BE INCLUDED IN THE COST OF THE STRUCTURE.
34. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER; THIS WORK WILL BE PAID FOR AT THE APPLICABLE CONTRACT UNIT PRICE OR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
35. WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.
36. TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS. MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
37. TYPE I OR II AND III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
38. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
39. THE CONTRACTOR SHALL PERFORM THE LAYOUT AND STAKING OF THE MULTI-USE TRAIL ALIGNMENT AT THE PROJECT SITE AND THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONSTRUCTION LAYOUT PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
40. THE MATERIALS FOR AGGREGATE BASE COURSE SHALL BE RESTRICTED TO CRUSHED CA-6.
41. WHERE CLOSED LIDS ARE PROVIDED, THEY SHALL BE FURNISHED WITH 2-INCH RAISED LETTERS CAST INTO THE LID READING "RESTRICTOR", "STORM", "SANITARY", OR "WATER" AS APPROPRIATE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE LID PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

42. THE REPLACEMENT OF ALL EXISTING DRIVEWAYS SHALL BE CONDUCTED IN STAGES IN ORDER TO PROVIDE FOR CONTINUOUS ACCESS TO THE PROPERTIES. THE COST TO PROVIDE CONTINUOUS ACCESS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "AGGREGATE FOR TEMPORARY ACCESS" PAY ITEM.
43. ALL SIDEWALK REMOVAL AND REPLACEMENT SHALL BE DONE IN FULL SECTIONS TO MATCH PROPOSED SIDEWALK TO EXISTING. THE COST OF THE TRANSITION SHALL BE INCLUDED IN THE COST OF THE SIDEWALK PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
44. MAIL BOXES SHALL BE RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE LOCAL POSTAL AUTHORITY. UNLESS INCLUDED AS A CONTRACT PAY ITEM, THIS WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
45. ALL EXISTING CULVERTS, STORM SEWERS, OR DRAINAGE STRUCTURES MARKED FOR REMOVAL ON THE PLANS OR DESIGNATED IN THE FIELD BY THE ENGINEER TO BE REMOVED SHALL BE REMOVED AND ANY EXCAVATION SHALL BE BACKFILLED WITH A GRANULAR MATERIAL MEETING THE SPECIFICATIONS FOR FA-1 OR FA-2. THE COST OF ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR STORM SEWER OR PIPE CULVERT UNLESS PAID FOR AS A SPECIFIC ITEM.
46. THE CONTRACTOR SHALL MAINTAIN CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT DRAINAGE FACILITIES ARE IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE CONTRACT.
47. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMANS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.
48. ALL ADJUSTMENTS OR RECONSTRUCTIONS SHALL INCLUDE THE REMOVAL AND REPLACEMENT, INCIDENTAL TO THE COST OF CONTRACT, OF ALL UNSUITABLE TWO (2) FOOT INSIDE DIAMETER ADJUSTING RINGS.
49. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
50. THE MAXIMUM COMPACTED THICKNESS OF ANY LIFT OF HOT-MIX ASPHALT BINDER OR SURFACE COURSE SHALL BE 2-1/4 INCHES.
51. THE MAXIMUM COMPACTED THICKNESS OF A LIFT OF HOT-MIX ASPHALT BASE COURSE SHALL BE FOUR (4) INCHES UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
52. HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
53. GRATING FOR THE PRECAST REINFORCED CONCRETE FLARED END SECTION, 18" SHALL BE INCLUDED IN THE COST OF THE FLARED END SECTION. THE GRATING SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 542 OF THE STANDARD SPECIFICATIONS.
54. THE CONTRACTOR SHALL EXCAVATE AND PLACE THE TOPSOIL AS SHOWN IN THE TYPICAL SECTIONS. THE EXISTING TOPSOIL IS ASSUMED AS 6". TOPSOIL MATERIAL EXCAVATED IN EXCESS OF THE QUANTITY REQUIRED TO COMPLETE THE WORK SHALL BE DISPOSED OF IN A MANNER SATISFACTORY TO THE ENGINEER.
55. "TOPSOIL FURNISH AND PLACE, 6"" SHALL BE USED AT THE DIRECTION OF THE ENGINEER IF SUFFICIENT QUANTITIES OF ACCEPTABLE TOPSOIL CANNOT BE EXCAVATED ON-SITE.
56. WHEN WORKING IN THE VICINITY OF ELECTRIC LINES, THE CONTRACTOR SHALL MAINTAIN A MINIMUM WORKING CLEARANCE DISTANCE BETWEEN THE EQUIPMENT USED AND THE ELECTRIC TRANSMISSION (138KV AND 345KV) AND ELECTRIC DISTRIBUTION (12KV AND 34 KV) CONDUCTORS EQUAL TO THE GREATER OF TEN (10) FEET OR THE DISTANCE REQUIRED BY OSHA REGULATIONS.

☐ DENOTES WORK NOT PAID FOR SEPARATELY

**UTILITY INFORMATION**

- ATT- DISTRIBUTION  
TOM FOLLIN  
630-573-5450
- COMED  
JOE STACHO  
630-576-7094
- COMCAST - BLUE ISLAND  
MARTHA GIERAS  
630-600-6352
- DUPAGE COUNTY PUBLIC WORKS  
DONNA SANDT  
630-964-7503
- DUPAGE WATER COMMISSION  
MICHAEL SCHWEIZER  
630-834-0100
- G4S TECHNOLOGY, LLC  
LOU URDIL  
630-343-2815
- MILTON TOWNSHIP HIGHWAY DEPT  
ANTONIO LOLLINO  
630-682-4270
- NICOR GAS  
CONSTANCE LANE  
630-388-2362
- LOMBARD POLICE DEPARTMENT  
RAY BYRNE, CHIEF OF POLICE  
630-873-4400
- LOMBARD FIRE DEPARTMENT  
PAUL DIRIENZO, FIRE CHIEF  
630-705-4008

FILE NAME =	USER NAME = untitled	DESIGNED GYS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILES#		DRAWN WME	REVISED -			11-0002-04-BT	DU PAGE	46	2		
		CHECKED SAE	REVISED -			CONTRACT NO. 63813					
		DATE 05/13/2013	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

SUMMARY OF QUANTITIES					
SPECIALTY ITEM	CODE No.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				80% FED 20% COUNTY	0028
				QUANTITY	
	20100110	TREE REMOVAL ( 6 TO 15 UNITS DIAMETER)	UNIT	200	200
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	633	633
	20101000	TEMPORARY FENCE	FOOT	720	720
*	20101200	TREE ROOT PRUNING	EACH	10	10
*	20101300	TREE PRUNING ( 1 TO 10 INCH DIAMETER)	EACH	7	7
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	7	7
	20200100	EARTH EXCAVATION	CU YD	1,186	1,186
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	356	356
	20800150	TRENCH BACKFILL	CU YD	30	30
*	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,343	1,343
*	21101625	TOPSOIL FURNISH AND PLACE 6"	SQ YD	2,014	2,014
*	25000100	SEEDING, CLASS 1	ACRE	0.2	0.2
*	25000110	SEEDING, CLASS 1A	ACRE	0.5	0.5
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	109	109
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	109	109
*	25200110	SODDING, SALT TOLERANT	SQ YD	2,600	2,600
*	25200200	SUPPLEMENTAL WATERING	UNIT	50	50
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	206	206
	28000400	PERIMETER EROSION BARRIER	FOOT	7,828	7,828
	28000500	INLET AND PIPE PROTECTION	EACH	7	7
	28000510	INLET FILTERS	EACH	7	7
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	5,450	5,450
	35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	456	456
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	104	104
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,135	1,135
	40600300	AGGREGATE (PRIME COAT)	GALLON	1,589	1,589
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	580	580
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	581	581
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,535	2,535
	42400800	DETECTABLE WARNINGS	SQ FT	196	196
	44000100	PAVEMENT REMOVAL	SQ YD	265	265
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	524	524
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	166	166
	44000600	SIDEWALK REMOVAL	SQ FT	4,850	4,850
	44001980	CONCRETE BARRIER REMOVAL	FOOT	16	16
	44004000	PAVED DITCH REMOVAL	FOOT	10	10
	50901720	BICYCLE RAILING	FOOT	164	164

SUMMARY OF QUANTITIES					
SPECIALTY ITEM	CODE No.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				80% FED 20% COUNTY	0028
				QUANTITY	
	542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	10	10
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1
*	56400100	FIRE HYDRANTS TO BE MOVED	EACH	2	2
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	240	240
	60615400	PAVED DITCH, TYPE A-15	FOOT	17	17
	61100605	MISCELLANEOUS CONCRETE	CU YD	20	20
*	63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	38	38
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1
*	66900205	SPECIAL WASTE DISPOSAL	CU YD	50	50
	67100100	MOBILIZATION	L SUM	1	1
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	3
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	247	247
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	364	364
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	49	49
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	15	15
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	10	10
*	X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	3,388	3,388
*	X6330705	RUB RAIL	FOOT	105	105
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
*	XX002185	RELOCATE EXISTING LIGHT POLE	EACH	1	1
	Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	212	212
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	6	6
	Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	1	1
	Z0022800	FENCE REMOVAL	FOOT	615	615

FILE NAME = DIS17588-sh1-500.dgn

USER NAME = WEldringhoff  
 PLOT SCALE = N, T, S.  
 PLOT DATE = 5/29/2013

DESIGNED GYS  
 DRAWN WME  
 CHECKED SAE  
 DATE 05/13/2013

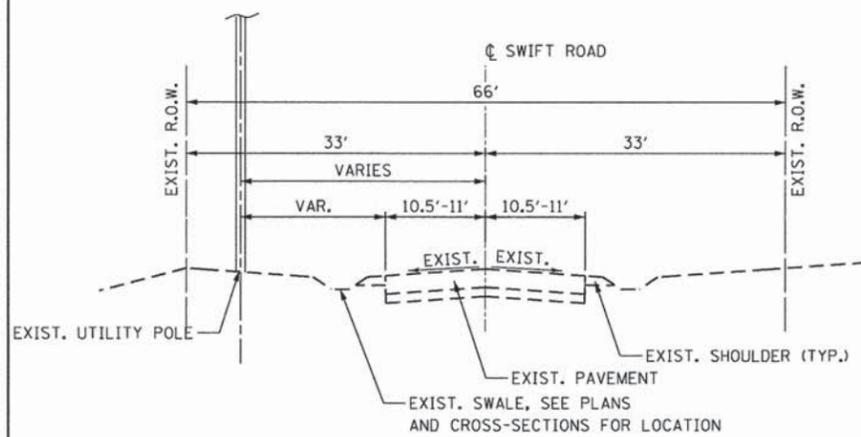
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

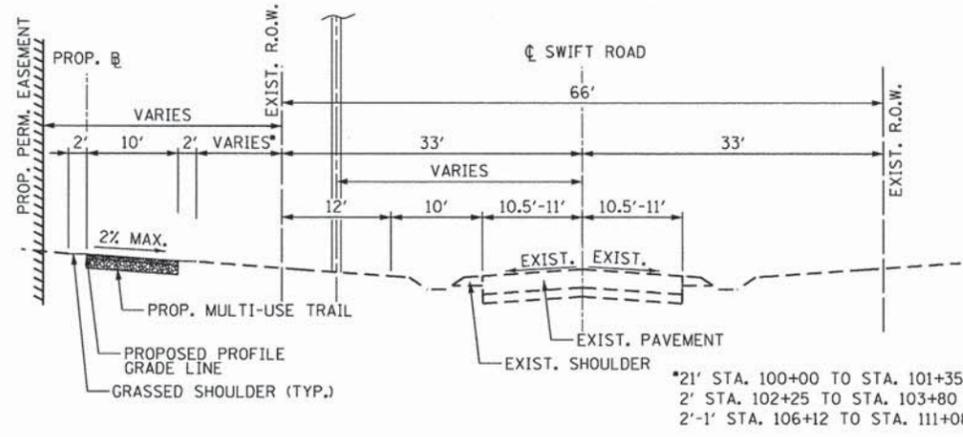
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT		46	3
			DU PAGE	CONTRACT NO. 63813
ILLINOIS FED. AID PROJECT				



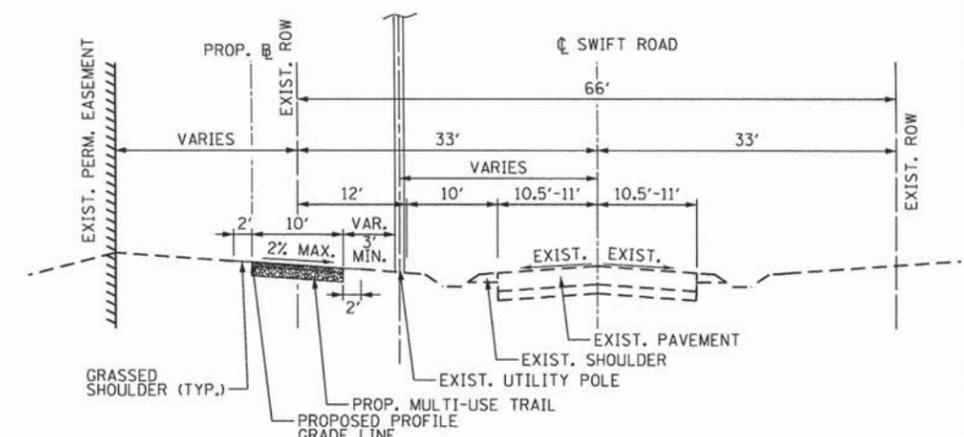
**EXISTING TYPICAL SECTION**

STA. 100+00.00 TO STA. 130+68.87



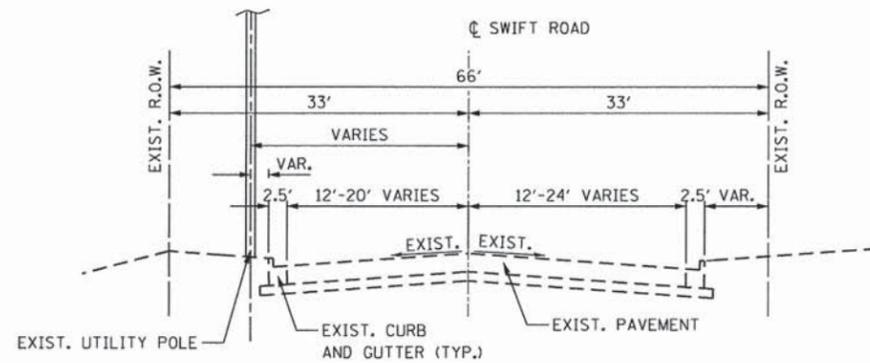
**PROPOSED TYPICAL SECTION**

STA. 100+00 TO STA. 114+46.43



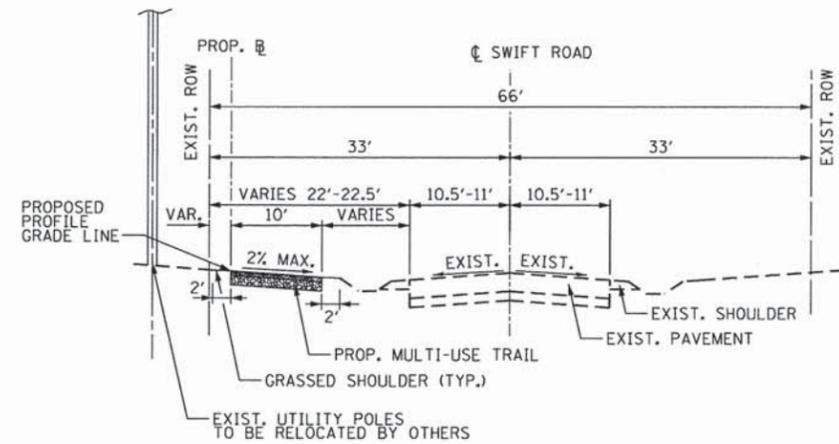
**PROPOSED TYPICAL SECTION**

STA. 119+10.90 TO STA. 127+84.92



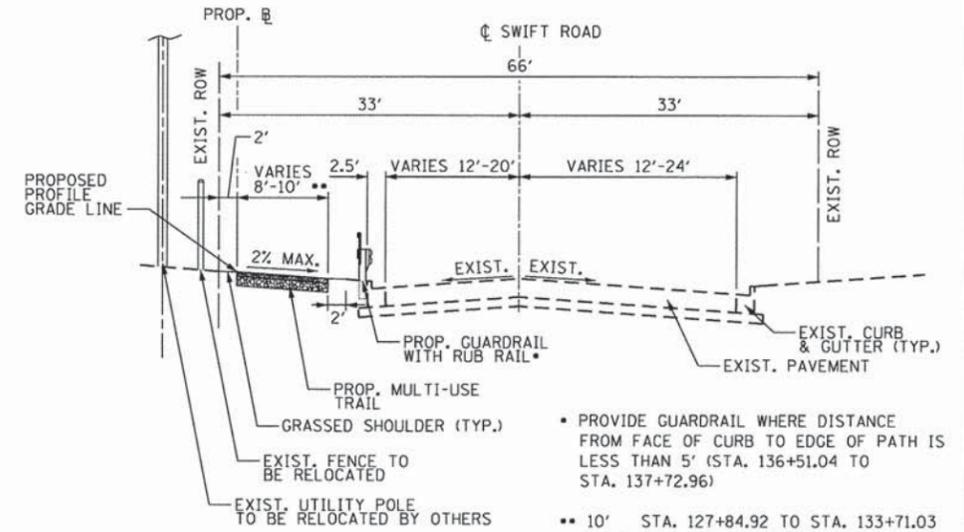
**EXISTING TYPICAL SECTION**

STA. 130+68.87 TO STA. 137+95.75



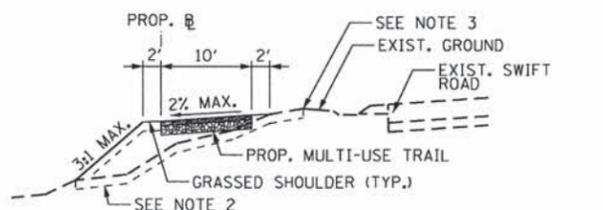
**PROPOSED TYPICAL SECTION**

STA. 114+46.43 TO STA. 119+10.90

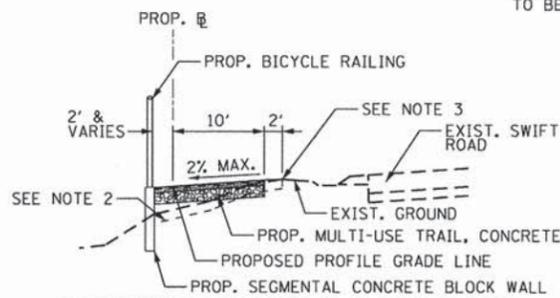


**PROPOSED TYPICAL SECTION**

STA. 127+84.92 TO STA. 137+95.75

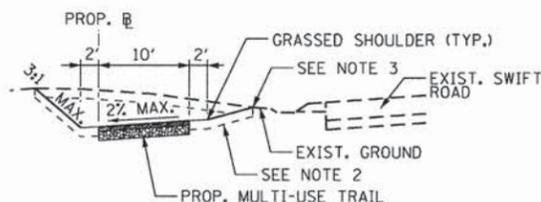


**PROPOSED TYPICAL FILL SECTION**

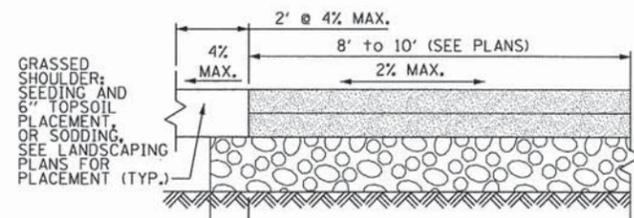


**PROPOSED TYPICAL SECTION WITH SEGMENTAL CONCRETE BLOCK WALL**

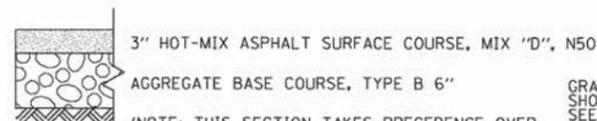
(REFER TO STRUCTURAL DETAILS)



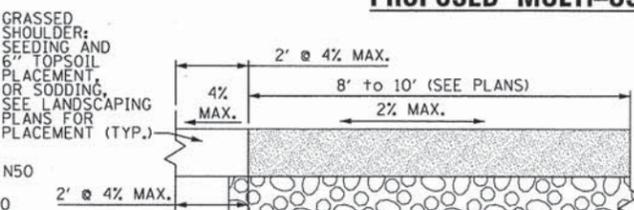
**PROPOSED TYPICAL CUT SECTION**



**PROPOSED MULTI-USE TRAIL, BITUMINOUS**



**PROPOSED TYPICAL SECTION, DRIVEWAY**



**PROPOSED MULTI-USE TRAIL, CONCRETE**

2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50  
2-1/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50  
AGGREGATE BASE COURSE, TYPE B 6"  
SHAPED AND COMPACTED SUBGRADE

PORTLAND CEMENT CONCRETE SIDEWALK, 5"  
AGGREGATE BASE COURSE, TYPE B 6"  
SHAPED AND COMPACTED SUBGRADE

HOT MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT (STREET)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"	4.0% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	4.0% @ 50 Gyr.
DRIVEWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 3"	4.0% @ 50 Gyr.
MULTI-USE TRAIL	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 2"	4.0% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/4"	4.0% @ 50 Gyr.

NOTES:  
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SOYD/IN.  
THE "AC TYPE" FOR POLYMERIZED HMA MIXES 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.

- NOTES:**
- SEE CROSS-SECTIONS FOR PROPOSED CROSS SLOPE OF MULTIUSE TRAIL AND GRASSED SHOULDER.
  - EXISTING TOPSOIL SHALL BE EXCAVATED WITHIN EXCAVATION OR EMBANKMENT LIMITS FOR CONSTRUCTION OF TRAIL AS SHOWN IN THE CROSS-SECTIONS. TOPSOIL SHALL BE PLACED WITHIN THE SAME LIMITS TO THE PROPOSED ELEVATIONS.
  - PLACE SEEDING OR SODDING FROM EDGE OF EXCAVATION OR EMBANKMENT LIMITS TO EDGE OF EXISTING SHOULDER AS SHOWN IN THE LANDSCAPING PLANS.

FILE NAME = DIS17580-sh-typical.dgn	USER NAME = WEIDINGHOFF	DESIGNED GYS	REVISED -
		DRAWN WME	REVISED -
		CHECKED SAE	REVISED -
		DATE 05/13/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-0002-04-BT	DU PAGE	46	4
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				

EARTHWORK				
LOCATION (STATION)	EARTH EXCAVATION (CY)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CY)	EMBANKMENT (CY)	EARTHWORK BALANCE (CY)
100+00.00	22	19	0	19
100+29.41	31	26	0	26
101+00.00	6	5	2	3
101+27.92	9	8	5	3
101+74.43	7	6	1	4
102+00.00	14	12	1	11
102+46.42	15	13	1	12
103+00.00	10	9	84	-75
103+73.28	4	3	31	-28
104+00.00	5	4	0	4
104+09.50	17	14	2	12
104+52.42	1	1	9	-8
105+00.00	14	12	16	-4
106+00.00	50	42	2	40
106+57.53	46	39	0	39
107+00.00	4	4	0	4
107+05.64	58	50	2	48
108+00.00	41	35	4	32
109+00.00	49	42	2	39
110+00.00	62	52	1	52
111+00.00	39	33	0	33
111+84.44	5	4	0	4
112+00.00	38	32	1	31
113+00.00	23	20	14	6
114+00.00	4	4	5	-1
114+29.19	14	12	5	8
115+00.00	14	12	8	4
116+00.00	6	5	1	4
116+22.01	29	24	1	23
117+00.00	38	33	1	31
117+83.19	5	4	2	3
118+00.00	4	3	2	1
118+22.86	23	19	1	18
119+00.00	29	25	1	24
120+00.00	11	9	0	9
120+31.84	26	22	0	22
121+00.00	36	31	4	26
122+00.00	31	26	4	22
122+90.66	3	3	0	3
123+00.00	29	24	2	23
124+00.00	32	27	2	25
125+00.00	17	14	0	14
125+31.54	28	24	0	24
125+81.16	7	6	0	6
126+00.00	23	19	0	19
126+37.67	37	32	0	31
127+00.00	40	34	0	33
128+00.00	30	26	6	20
129+00.00	25	21	7	15
130+00.00	29	25	5	20
131+00.00	25	21	7	14
132+00.00	5	4	0	3
132+14.60	40	34	0	34
133+00.00	40	34	1	33
134+00.00	4	3	0	3
134+13.23	34	29	0	29
135+00.00	8	7	0	7
135+17.57	44	37	0	37
136+00.00	7	6	0	6
136+15.85	27	23	0	23
137+00.00	15	12	1	11
137+50.00	7	6	4	2
137+95.75	0	0	0	0
TOTAL	1395	1186	251	935

TOTAL EARTH EXCAVATION 1186

**PAY ITEMS:**

EARTH EXCAVATION = 1186 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 356 CU YD

NOTE: SHRINKAGE IS ASSUMED TO BE 15%.

TOPSOIL, SEEDING, SODDING, SUPPLEMENTAL WATERING & NUTRIENTS											
STATION	TO	STATION	TOPSOIL EXCAVATION (CY)	TOPSOIL PLACEMENT (CY)	TOPSOIL BALANCE (CY)	SUPPLEMENTAL WATERING** (UNIT)	NITROGEN FERTILIZER NUTRIENT* (LB)	POTASSIUM FERTILIZER NUTRIENT* (LB)	SODDING, SALT TOLERANT (SQ YD)	SEEDING, CLASS 1 (ACRE)	SEEDING, CLASS 1A (ACRE)
100+00		105+00	198	83	115	-	-	-	-	0.1	0.25
105+00		110+00	192	64	128	-	-	-	-	0.06	0.2
110+00		115+00	179	70	109	-	-	-	-	0.04	0.05
115+00		120+00	187	55	131	-	-	-	450	-	-
120+00		125+00	148	53	95	-	-	-	1070	-	-
125+00		130+00	180	57	123	-	-	-	615	-	-
130+00		137+96	260	94	166	-	-	-	465	-	-
TOTAL			1343	476	867	50	109	109	2600	0.2	0.5

\*RATE OF APPLICATION 90 LBS PER ACRE FOR SEEDING AND 60 LBS PER ACRE FOR SODDING  
 \*\*SUPPLEMENTAL WATERING SHALL BE APPLIED AT 3 GAL/SQYD, A UNIT = 1000 GAL; 4 APPLICATIONS HAVE BEEN ESTIMATED.

TREE REMOVAL					
STATION	OFFSET	SIDE	DIAMETER (IN)	6 TO 15 UNITS DIAMETER (UNIT)	OVER 15 UNITS DIAMETER (UNIT)
116+91.27	1.851	L	6	6	
116+92.27	1.851	L	6	6	
116+93.27	1.851	L	6	6	
119+29.25	1.74	L	8	8	
119+30.25	1.74	L	8	8	
121+35.28	12.85	R	10	10	
122+85.60	9.41	L	15	15	
123+44.07	8.585	R	17		17
128+50.63	0.90	L	12	12	
129+34.11	0.95	R	10	10	
129+56.86	2.72	L	48		48
129+91.46	2.32	L	6	6	
129+97.99	1.32	L	10	10	
130+18.99	2.80	L	14	14	
130+28.80	1.80	L	12	12	
130+40.06	3.18	L	12	12	
130+58.38	0.88	L	8	8	
130+65.23	0.61	L	10	10	
130+72.45	0.40	L	12	12	
130+82.25	0.84	R	18		18
130+90.05	0.93	R	6	6	
131+06.99	3.28	R	38		38
131+31.3	3.55	R	24		24
131+37.64	3.49	R	14	14	
131+41.76	3.14	R	24		24
131+68.42	3.35	R	30		30
131+82.80	4.01	R	27		27
131+87.331	3.94	R	30		30
132+25.27	5.17	R	28		28
132+35.15	3.98	R	24		24
132+96.87	5.78	R	24		24
133+11.69	7.05	R	9	9	
133+24.14	5.96	R	24		24
133+27.84	5.99	R	24		24
133+48.79	6.11	R	30		30
133+57.82	5.88	R	19		19
133+76.42	6.47	R	24		24
133+77.42	6.47	R	24		24
133+89.75	6.79	R	18		18
134+23.15	0.31	R	6	6	
134+64.54	6.61	R	28		28
134+80.48	5.80	R	24		24
135+26.62	3.60	R	34		34
135+64.13	7.25	R	24		24
136+69.86	0.66	L	28		28
TOTAL				200	633

DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED					
TYPE	STATION	OFFSET (FEET)	EXISTING ELEV. (FEET)	PROPOSED ELEV. (FEET)	EACH
JUNCTION BOX	10168.13	1.5 L	737.75	724.01	1
JUNCTION BOX	10169.66	2.3 R	723.74	724.10	1
CATCH BASIN	12682.89	20.0 R	706.33	706.58	1
CATCH BASIN	12746.31	15.5 R	707.01	707.26	1
CATCH BASIN	12833.05	14.2 R	708.44	709.81	1
CATCH BASIN	13747.67	11.3 R	727.40	727.67	1
TOTAL					6

FILE NAME = D:\S17588-aht-Sch00.dgn

USER NAME = WE1dringhoff

DESIGNED GYS

REVISED -

DRAWN WME

REVISED -

CHECKED SAE

REVISED -

DATE 05/13/2013

REVISED -

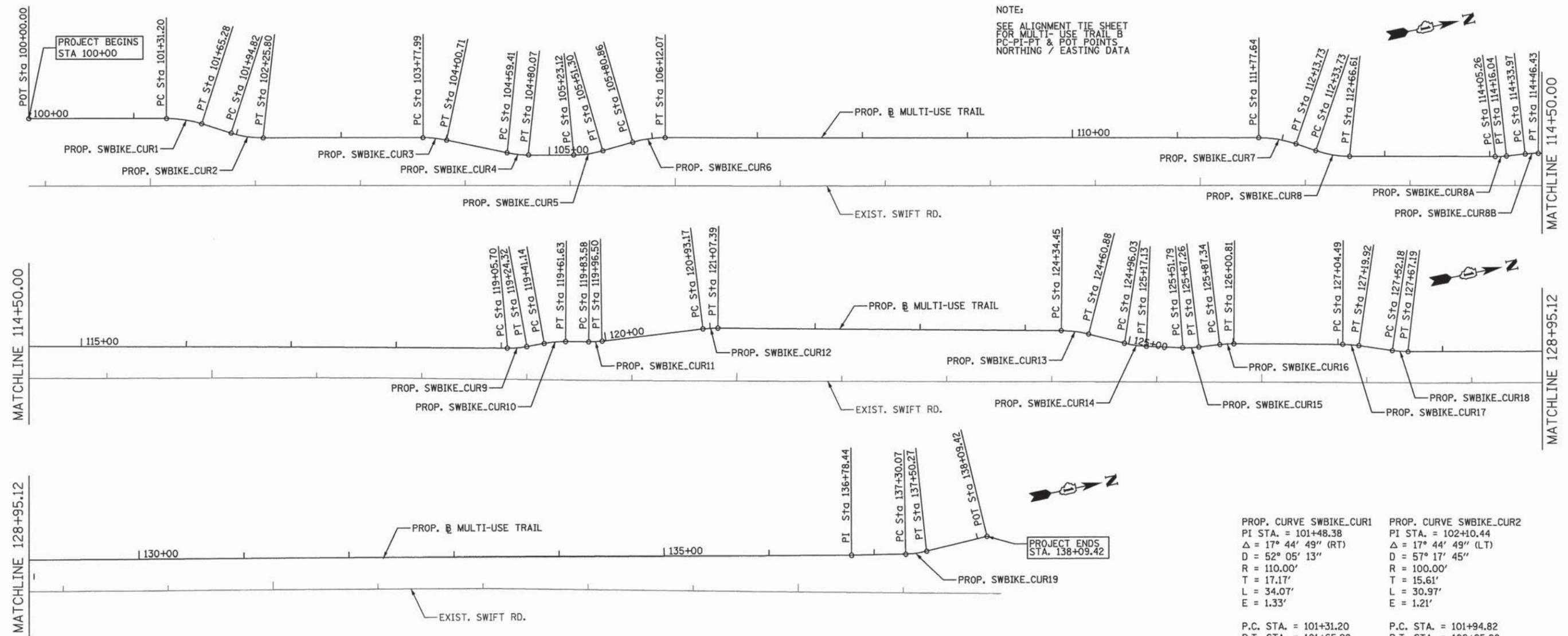
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

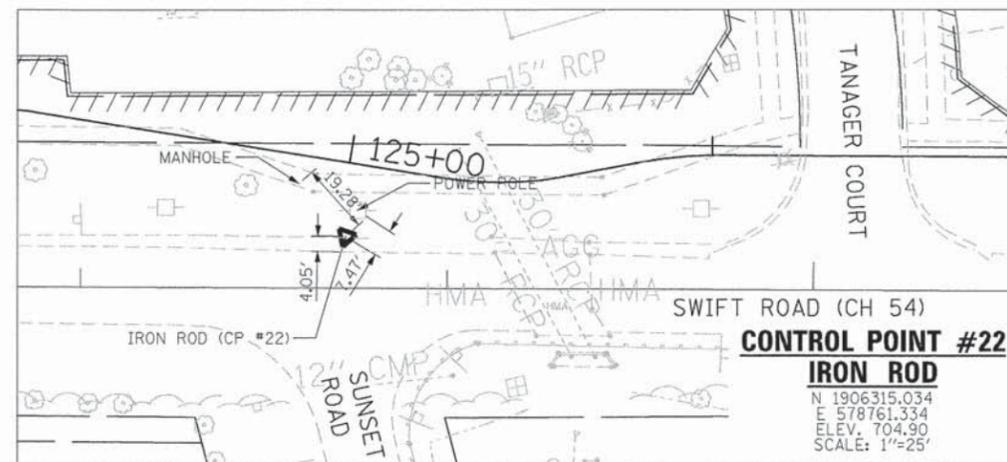
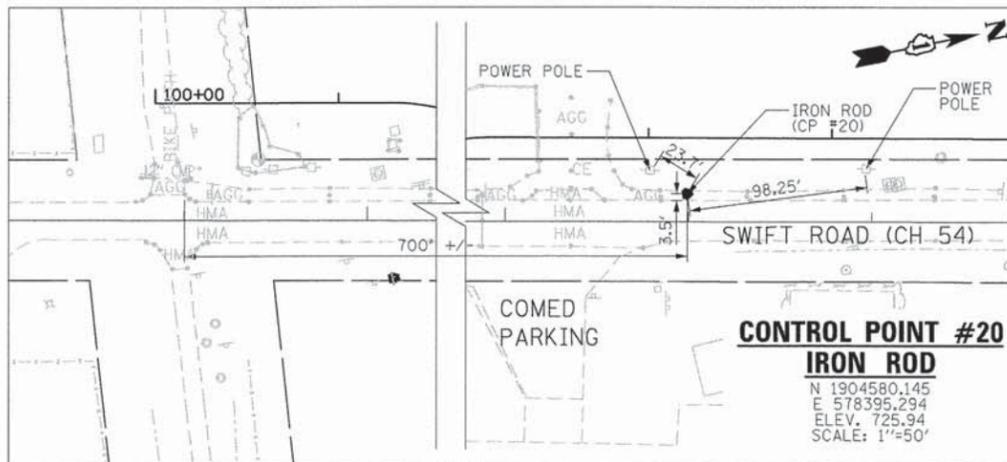
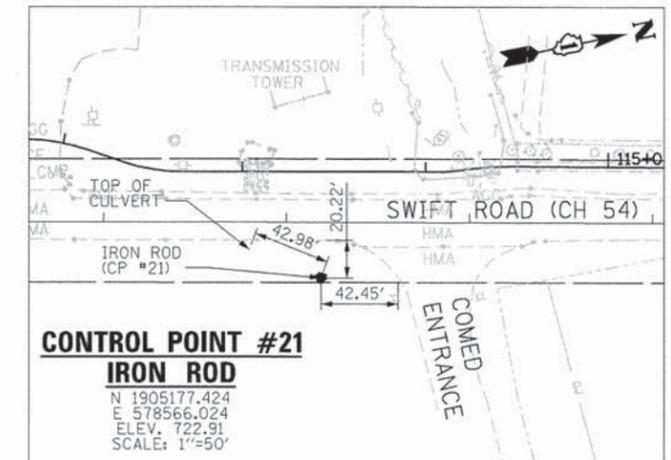
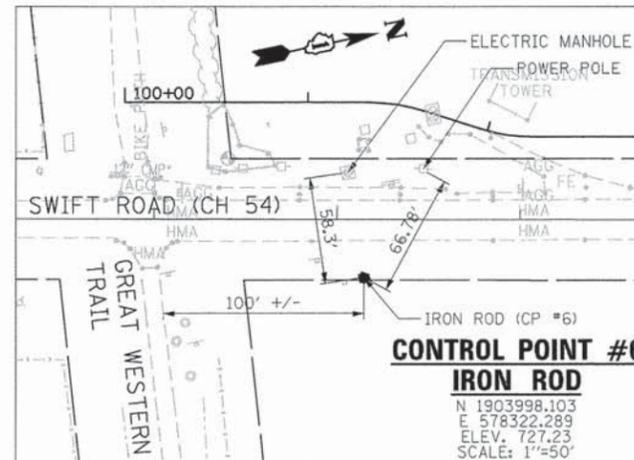
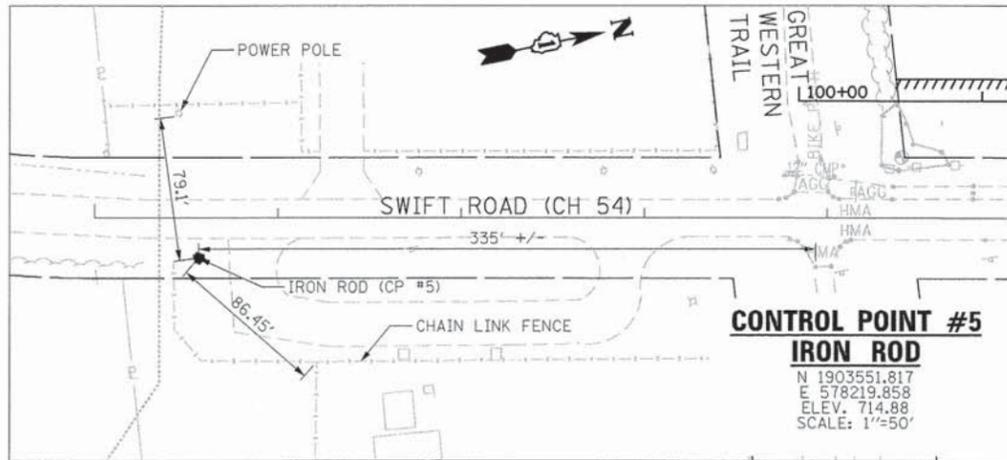
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	5
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				

NOTE:  
 SEE ALIGNMENT TIE SHEET  
 FOR MULTI-USE TRAIL 'B'  
 PC-PT & POT POINTS  
 NORTHING / EASTING DATA



PROP. CURVE SWBIKE_CUR1 PI STA. = 101+48.38 Δ = 17° 44' 49" (RT) D = 52° 05' 13" R = 110.00' T = 11.40' L = 22.72' E = 0.59'	PROP. CURVE SWBIKE_CUR2 PI STA. = 102+10.44 Δ = 17° 44' 49" (LT) D = 57° 17' 45" R = 100.00' T = 15.61' L = 30.97' E = 1.21'
P.C. STA. = 101+31.20 P.T. STA. = 101+65.28	P.C. STA. = 101+94.82 P.T. STA. = 102+25.80

PROP. CURVE SWBIKE_CUR3 PI STA. = 103+89.39 Δ = 11° 49' 57" (RT) D = 52° 05' 13" R = 110.00' T = 11.40' L = 22.72' E = 0.59'	PROP. CURVE SWBIKE_CUR4 PI STA. = 104+69.78 Δ = 11° 49' 57" (LT) D = 57° 17' 45" R = 100.00' T = 10.36' L = 20.65' E = 0.54'	PROP. CURVE SWBIKE_CUR5 PI STA. = 105+37.31 Δ = 16° 08' 35" (LT) D = 57° 17' 45" R = 100.00' T = 14.18' L = 28.17' E = 1.00'	PROP. CURVE SWBIKE_CUR6 PI STA. = 105+96.57 Δ = 16° 15' 26" (RT) D = 52° 05' 13" R = 110.00' T = 15.71' L = 31.21' E = 1.12'	PROP. CURVE SWBIKE_CUR7 PI STA. = 111+95.85 Δ = 18° 47' 59" (RT) D = 52° 05' 13" R = 110.00' T = 18.21' L = 36.09' E = 1.50'	PROP. CURVE SWBIKE_CUR8 PI STA. = 112+50.32 Δ = 18° 50' 27" (LT) D = 57° 17' 45" R = 100.00' T = 16.59' L = 32.88' E = 1.37'	PROP. CURVE SWBIKE_CUR8A PI STA. = 114+10.66 Δ = 6° 10' 46" (LT) D = 57° 17' 45" R = 110.00' T = 5.40' L = 10.79' E = 0.15'	PROP. CURVE SWBIKE_CUR8B PI STA. = 114+40.21 Δ = 6° 29' 15" (RT) D = 52° 05' 13" R = 110.00' T = 6.23' L = 12.46' E = 0.18'	PROP. CURVE SWBIKE_CUR9 PI STA. = 119+15.04 Δ = 10° 40' 13" (LT) D = 57° 17' 45" R = 100.00' T = 9.34' L = 18.62' E = 0.44'	PROP. CURVE SWBIKE_CUR10 PI STA. = 119+51.42 Δ = 10° 40' 13" (RT) D = 52° 05' 13" R = 110.00' T = 10.27' L = 20.49' E = 0.48'
P.C. STA. = 103+77.99 P.T. STA. = 104+00.71	P.C. STA. = 104+59.41 P.T. STA. = 104+80.07	P.C. STA. = 105+23.12 P.T. STA. = 105+51.30	P.C. STA. = 105+80.86 P.T. STA. = 106+12.07	P.C. STA. = 111+77.64 P.T. STA. = 112+13.73	P.C. STA. = 112+33.73 P.T. STA. = 112+66.81	P.C. STA. = 114+05.26 P.T. STA. = 114+16.04	P.C. STA. = 114+33.97 P.T. STA. = 114+46.43	P.C. STA. = 119+05.70 P.T. STA. = 119+24.32	P.C. STA. = 119+41.14 P.T. STA. = 119+61.63
PROP. CURVE SWBIKE_CUR11 PI STA. = 119+90.05 Δ = 7° 24' 06" (LT) D = 57° 17' 45" R = 100.00' T = 6.47' L = 12.92' E = 0.21'	PROP. CURVE SWBIKE_CUR12 PI STA. = 121+00.29 Δ = 7° 24' 24" (RT) D = 52° 05' 13" R = 110.00' T = 7.12' L = 14.22' E = 0.23'	PROP. CURVE SWBIKE_CUR13 PI STA. = 124+47.73 Δ = 13° 46' 12" (RT) D = 52° 05' 13" R = 110.00' T = 13.28' L = 21.11' E = 0.80'	PROP. CURVE SWBIKE_CUR14 PI STA. = 125+06.62 Δ = 12° 05' 36" (LT) D = 57° 17' 45" R = 100.00' T = 10.59' L = 26.44' E = 0.56'	PROP. CURVE SWBIKE_CUR15 PI STA. = 125+59.54 Δ = 8° 51' 50" (LT) D = 57° 17' 45" R = 100.00' T = 7.75' L = 15.47' E = 0.30'	PROP. CURVE SWBIKE_CUR16 PI STA. = 125+94.08 Δ = 7° 01' 03" (RT) D = 52° 05' 13" R = 110.00' T = 6.74' L = 13.47' E = 0.21'	PROP. CURVE SWBIKE_CUR17 PI STA. = 127+12.22 Δ = 8° 02' 13" (RT) D = 52° 05' 13" R = 110.00' T = 7.73' L = 15.43' E = 0.27'	PROP. CURVE SWBIKE_CUR18 PI STA. = 127+59.70 Δ = 8° 35' 53" (LT) D = 57° 17' 45" R = 100.00' T = 7.52' L = 15.01' E = 0.28'	PROP. CURVE SWBIKE_CUR19 PI STA. = 137+40.22 Δ = 13° 37' 05" (LT) D = 67° 24' 24" R = 85.00' T = 10.15' L = 20.20' E = 0.60'	
P.C. STA. = 119+83.58 P.T. STA. = 119+96.50	P.C. STA. = 120+93.17 P.T. STA. = 121+07.39	P.C. STA. = 124+34.45 P.T. STA. = 124+60.88	P.C. STA. = 124+96.03 P.T. STA. = 125+17.13	P.C. STA. = 125+51.79 P.T. STA. = 125+67.26	P.C. STA. = 125+87.34 P.T. STA. = 126+00.81	P.C. STA. = 127+04.49 P.T. STA. = 127+19.92	P.C. STA. = 127+52.18 P.T. STA. = 127+67.19	P.C. STA. = 137+30.07 P.T. STA. = 137+50.27	



PROPOSED MULTI- USE TRAIL N.E. DATA											
POINT	STA.	NORTHING	EASTING	POINT	STA.	NORTHING	EASTING	POINT	STA.	NORTHING	EASTING
Point SWBIKEPT1	100+00.000	N 1,903,889.881	E 578,201.964	Curve SWBIKE_CUR8				Curve SWBIKE_CUR13			
Curve SWBIKE_CUR1				P.I. Station	112+50.322	N 1,905,098.242	E 578,490.475	P.I. Station	124+47.728	N 1,906,272.999	E 578,717.160
P.I. Station	101+48.378	N 1,904,035.188	E 578,232.000	P.C. Station	112+33.730	N 1,905,083.960	E 578,482.031	P.C. Station	124+34.446	N 1,906,260.017	E 578,714.355
P.C. Station	101+31.205	N 1,904,018.370	E 578,228.524	P.T. Station	112+66.614	N 1,905,114.486	E 578,493.855	P.T. Station	124+60.883	N 1,906,284.941	E 578,722.975
P.T. Station	101+65.276	N 1,904,050.145	E 578,240.437	Curve SWBIKE_CUR8A				Curve SWBIKE_CUR14			
Curve SWBIKE_CUR2				P.I. Station	114+10.657	N 1,905,255.510	E 578,523.194	P.I. Station	125+06.620	N 1,906,326.062	E 578,743.000
P.I. Station	102+10.436	N 1,904,089.479	E 578,262.624	P.C. Station	114+05.259	N 1,905,250.225	E 578,522.094	P.C. Station	124+96.027	N 1,906,316.538	E 578,738.362
P.C. Station	101+94.824	N 1,904,075.881	E 578,254.954	P.T. Station	114+16.045	N 1,905,260.882	E 578,523.718	P.T. Station	125+17.134	N 1,906,336.346	E 578,745.540
P.T. Station	102+25.798	N 1,904,104.768	E 578,265.785	Curve SWBIKE_CUR8B				Curve SWBIKE_CUR15			
Curve SWBIKE_CUR3				P.I. Station	114+40.206	N 1,905,284.930	E 578,526.064	P.I. Station	125+59.536	N 1,906,377.511	E 578,755.705
P.I. Station	103+89.390	N 1,904,264.973	E 578,298.900	P.C. Station	114+33.972	N 1,905,278.725	E 578,525.459	P.C. Station	125+51.785	N 1,906,369.986	E 578,753.847
P.C. Station	103+77.991	N 1,904,253.810	E 578,296.593	P.T. Station	114+46.427	N 1,905,291.027	E 578,527.367	P.T. Station	125+67.255	N 1,906,385.232	E 578,756.381
P.T. Station	104+00.708	N 1,904,275.426	E 578,303.448	Curve SWBIKE_CUR9				Curve SWBIKE_CUR16			
Curve SWBIKE_CUR4				P.I. Station	119+15.038	N 1,905,749.289	E 578,625.301	P.I. Station	125+94.081	N 1,906,411.955	E 578,758.723
P.I. Station	104+69.777	N 1,904,338.761	E 578,331.001	P.C. Station	119+05.699	N 1,905,740.162	E 578,623.327	P.C. Station	125+87.336	N 1,906,405.236	E 578,758.134
P.C. Station	104+59.414	N 1,904,329.258	E 578,326.867	P.T. Station	119+24.322	N 1,905,758.625	E 578,625.551	P.T. Station	126+00.809	N 1,906,418.552	E 578,760.128
P.T. Station	104+80.066	N 1,904,348.909	E 578,333.099	Curve SWBIKE_CUR10				Curve SWBIKE_CUR17			
Curve SWBIKE_CUR5				P.I. Station	119+51.417	N 1,905,785.709	E 578,626.276	P.I. Station	127+12.220	N 1,906,527.518	E 578,783.339
P.I. Station	105+37.306	N 1,904,404.964	E 578,344.686	P.C. Station	119+41.144	N 1,905,775.440	E 578,626.001	P.C. Station	127+04.492	N 1,906,519.960	E 578,781.729
P.C. Station	105+23.124	N 1,904,391.076	E 578,341.815	P.T. Station	119+61.630	N 1,905,795.749	E 578,628.447	P.T. Station	127+19.922	N 1,906,534.777	E 578,785.990
P.T. Station	105+51.299	N 1,904,419.102	E 578,343.582	Curve SWBIKE_CUR11				Curve SWBIKE_CUR18			
Curve SWBIKE_CUR6				P.I. Station	119+90.053	N 1,905,823.530	E 578,634.456	P.I. Station	127+59.697	N 1,906,572.138	E 578,799.633
P.I. Station	105+96.574	N 1,904,464.240	E 578,340.058	P.C. Station	119+83.585	N 1,905,817.208	E 578,633.088	P.C. Station	127+52.179	N 1,906,565.077	E 578,797.055
P.C. Station	105+80.863	N 1,904,448.576	E 578,341.281	P.T. Station	119+96.503	N 1,905,829.976	E 578,634.997	P.T. Station	127+67.186	N 1,906,579.505	E 578,801.128
P.T. Station	106+12.075	N 1,904,479.619	E 578,343.270	Curve SWBIKE_CUR12				Curve SWBIKE_CUR19			
Curve SWBIKE_CUR7				P.I. Station	121+00.292	N 1,905,933.400	E 578,643.686	P.I. Station	137+40.216	N 1,907,533.286	E 578,993.691
P.I. Station	111+95.846	N 1,905,051.068	E 578,462.584	P.C. Station	120+93.172	N 1,905,926.305	E 578,643.090	P.C. Station	137+30.067	N 1,907,523.313	E 578,991.806
P.C. Station	111+77.636	N 1,905,033.243	E 578,458.862	P.T. Station	121+07.392	N 1,905,940.359	E 578,645.192	P.T. Station	137+50.270	N 1,907,543.422	E 578,993.175
P.T. Station	112+13.729	N 1,905,066.743	E 578,471.852	Point SWBIKEPT46	138+09.420	N 1,907,602.533	E 578,991.033				

ADDITIONAL BENCHMARKS:  
DUPAGE COUNTY, ILLINOIS  
GEODETIC SURVEY MONUMENTS

- MI01002 ELEV. 699.6385  
LOCATED AT NORTH SIDE OF  
ST. CHARLES ROAD IN  
NORTHWEST CORNER OF  
CONCRETE HEADWALL OF  
BRIDGE OVER DUPAGE RIVER.
- BL36001 ELEV. 729.1552  
LOCATED WEST OF SWIFT ROAD,  
ON THE SOUTHEAST CORNER  
OF THE ELECTRIC TRANSMISSION  
TOWER, APPROXIMATELY 0.50  
MILES NORTH OF NORTH AVE.  
(IL 64).

FILE NAME =  
D1517588-ahv-ATB2.dgn

USER NAME = WEIDINGHOFF

DESIGNED GYS  
DRAWN WME

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIE SHEET  
CONTROL POINTS AND N-E DATA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
11-00002-04-BT DU PAGE 46 7  
CONTRACT NO. 63813  
ILLINOIS FED. AID PROJECT

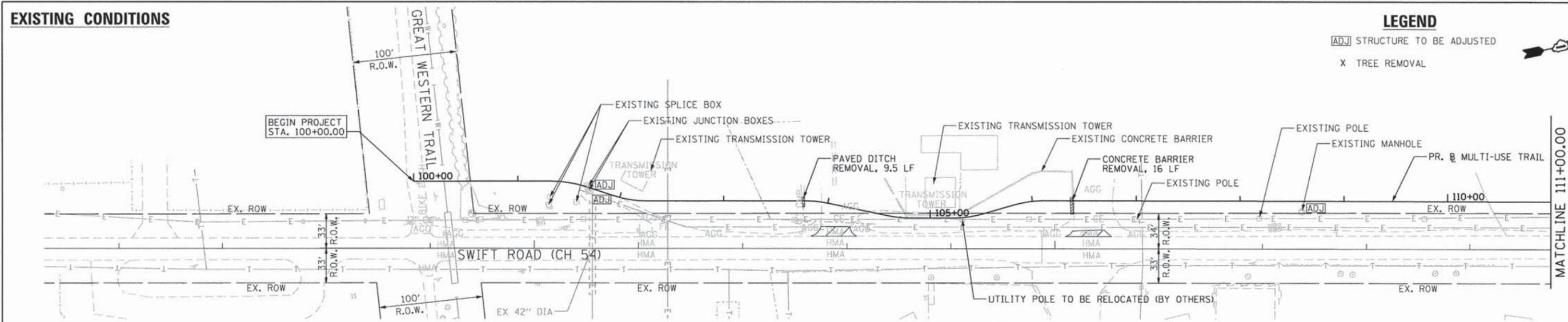
**EXISTING CONDITIONS**

**LEGEND**

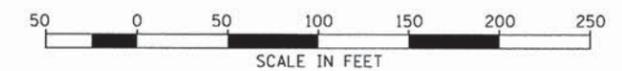
[ADJ] STRUCTURE TO BE ADJUSTED  
 X TREE REMOVAL



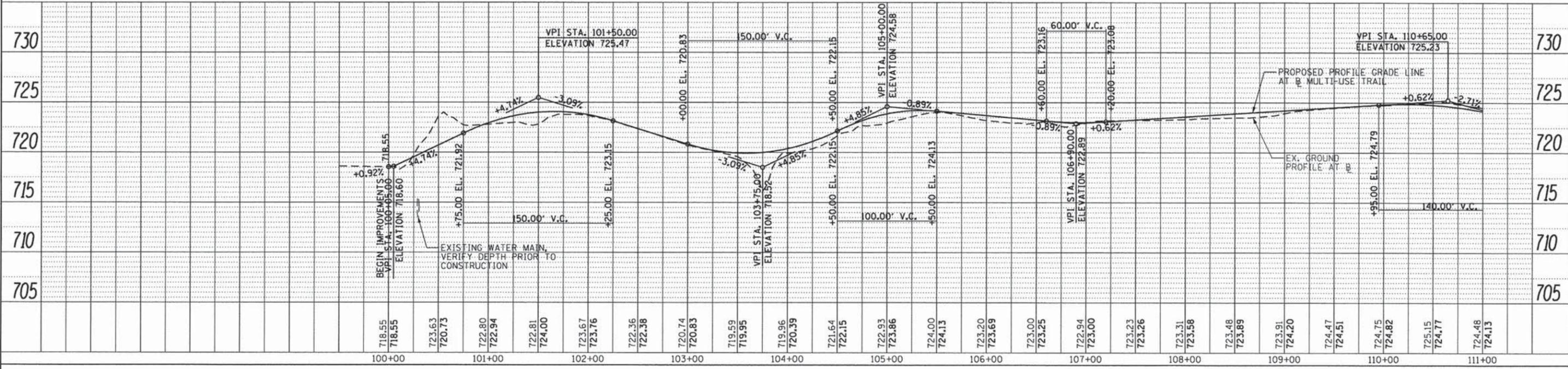
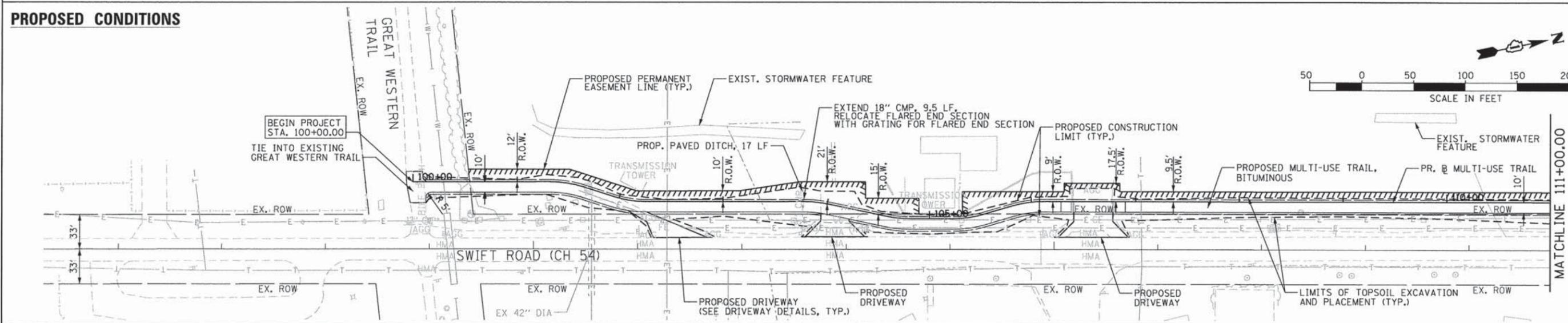
DATE	BY	SURVEYED	GRADES CHECKED	NOTE BOOK



**PROPOSED CONDITIONS**



DATE	BY	SURVEYED	GRADES CHECKED	NOTE BOOK



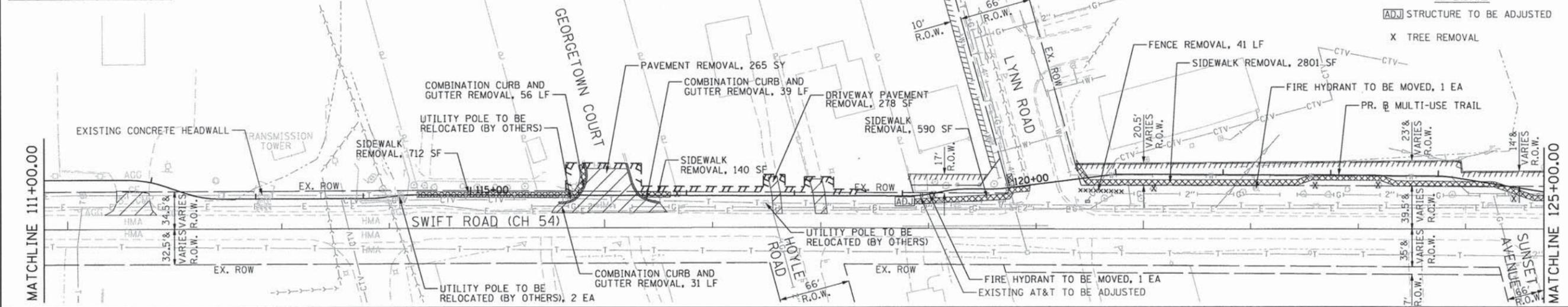
FILE NAME =	USER NAME = WEldringhoff	DESIGNED - GYS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENWAY TRAIL NORTH ALONG SWIFT ROAD PLAN &amp; PROFILE</b>	SCALE: H1"=50'/V1"=5'	SHEET OF SHEETS STA. 100+00.00 TO STA. 111+00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DIS17580-shr-pln-pr f1.dgn	PLOT SCALE = 100.0000' / 1"	DRAWN - WME	REVISED -					11-00002-04-BT	DU PAGE	46	8	
	PLOT DATE = 5/29/2013	CHECKED - SAE	REVISED -					CONTRACT NO. 63813				
		DATE - 05/13/2013	REVISED -					ILLINOIS FED. AID PROJECT				



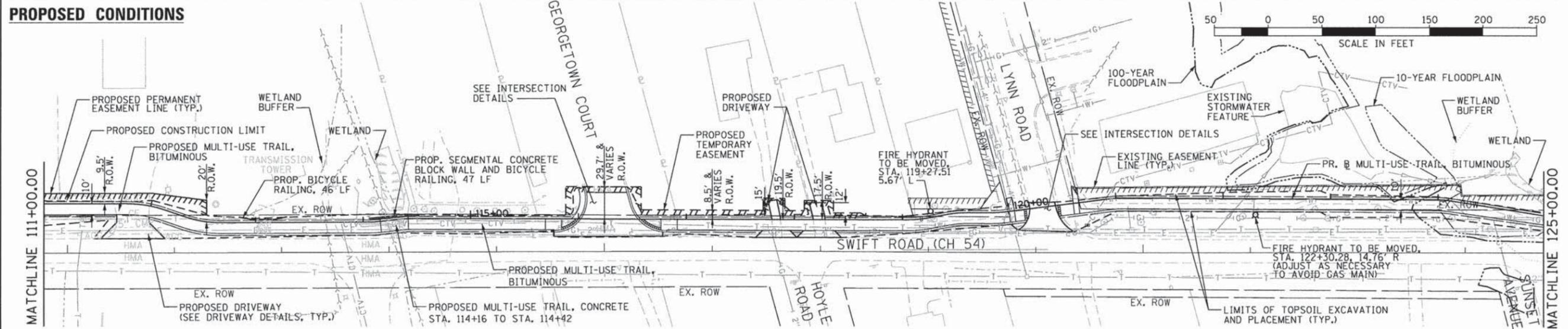
**EXISTING CONDITIONS**

**LEGEND**

- ADJ STRUCTURE TO BE ADJUSTED
- X TREE REMOVAL



**PROPOSED CONDITIONS**



DATE	BY	SUBMITTER	PLANNED	NOTE BOOK

DATE	BY	SUBMITTER	PLANNED	NOTE BOOK

**EXISTING CONDITIONS**

NOTE:  
THE CONTRACTOR SHALL SURVEY THE LOCATION AND ELEVATION OF THE EXISTING SIDEWALK PRIOR TO CONSTRUCTION. IF NECESSARY, THE CONTRACTOR SHALL SUBMIT REVISED PROFILE AND SEGMENTAL CONCRETE BLOCK WALL DESIGN TO ENGINEER PRIOR TO CONSTRUCTION OF WALL OR TRAIL.

**LEGEND**

[ADJ] STRUCTURE TO BE ADJUSTED

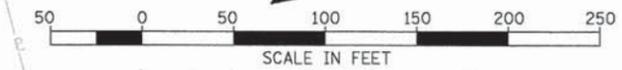
X TREE REMOVAL

MATCHLINE 125+00.00

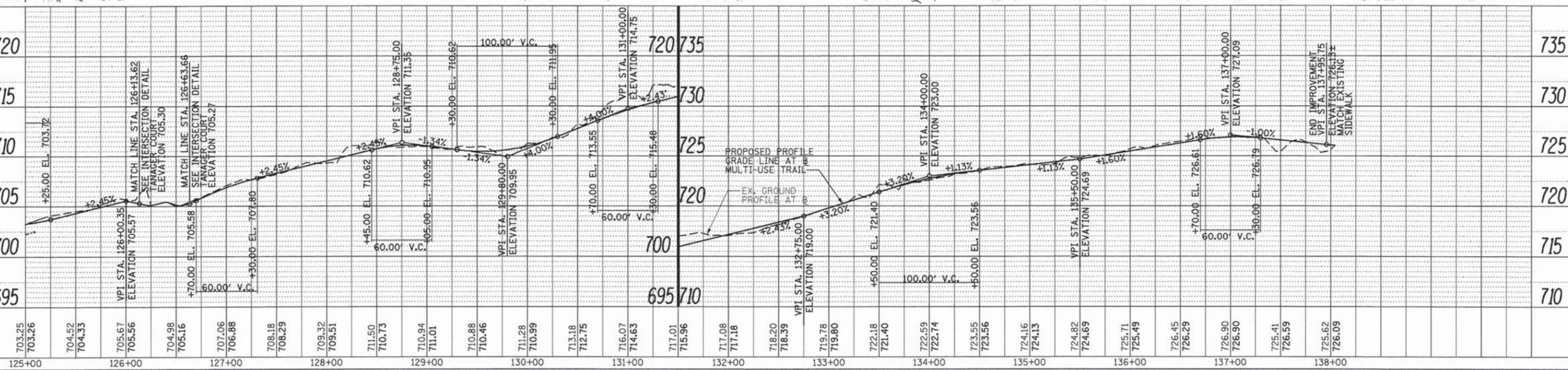
NORTH AVENUE (IL 64)

**PROPOSED CONDITIONS**

NOTE:  
POTENTIAL CONTAMINATED MATERIAL FROM STA. 136+25 TO 138+20, ALL EXCAVATED MATERIAL SHALL BE EMBANKED OR DISPOSED OF WITHIN THE PROJECT LIMITS

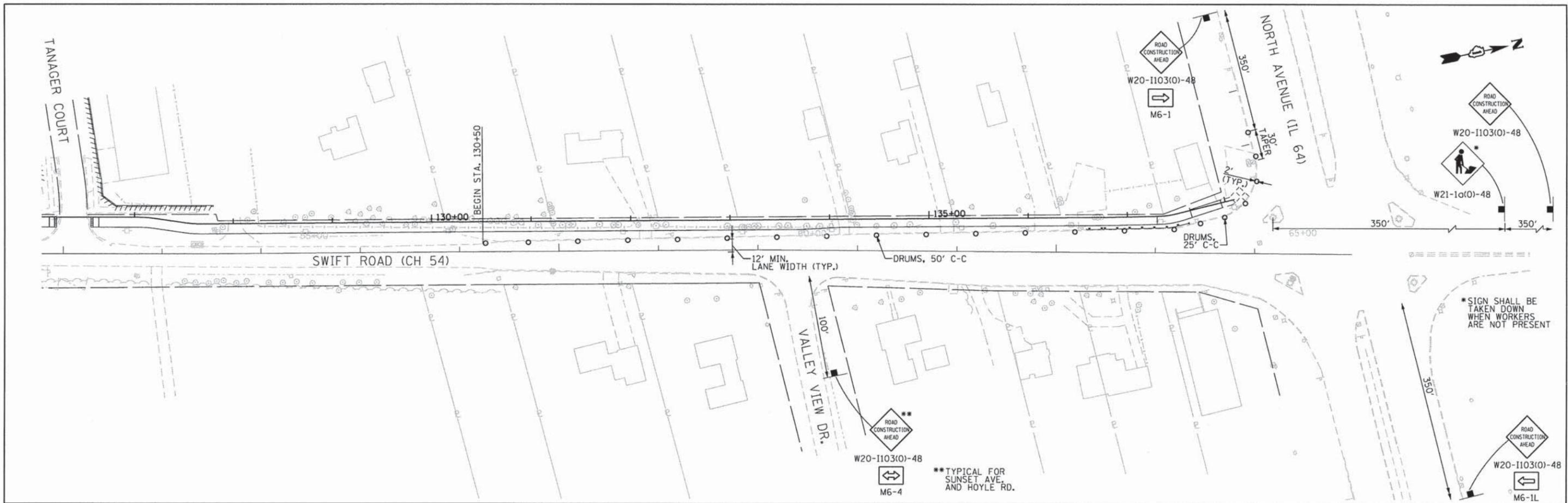


NORTH AVENUE (IL 64)



DATE	BY	SUBMITTER	PROFILE
		PLOTTED	
		GRADES CHECKED	
		STRUCTURE NOTATIONS	
		NOTE BOOK NO.	
		FILE NAME	

DATE	BY	SUBMITTER	PROFILE
		PLOTTED	
		GRADES CHECKED	
		STRUCTURE NOTATIONS	
		NOTE BOOK NO.	
		FILE NAME	



NUMBER	STANDARD NAME	LOCATION
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY	STA. 100+00 TO STA. 104+50
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	STA. 104+50 TO STA. 107+75
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY	STA. 107+75 TO STA. 111+75
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE	STA. 111+75 TO STA. 130+50
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE	STA. 119+00 TO STA. 128+00
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	STA. 116+50 (GEORGETOWN COURT)
		STA. 120+50 (LYNN ROAD)
		STA. 126+50 (TANAGER COURT)

**LEGEND**

- DRUM
- SIGN

**NOTE:**

1. STANDARD 701301, LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS SHALL NOT BE USED AT MORE THAN ONE LOCATION AT ANY TIME.
2. STANDARD 701701, URBAN LANE CLOSURE, MULTILANE INTERSECTION SHALL BE USED AT THE INTERSECTION OF SWIFT ROAD AND NORTH AVENUE (IL 64) IF LANE CLOSURE IS NEEDED AT SW QUADRANT, DAY TIME OPERATIONS ONLY.

FILE NAME = DIS17580-shr-MOT2.dgn

USER NAME = WEIdringhoff

DESIGNED - GYS

REVISED -

DRAWN - WME

REVISED -

PLOT SCALE = 100.0000' / in.

CHECKED - SAE

REVISED -

PLOT DATE = 5/29/2013

DATE - 05/13/2013

REVISED -

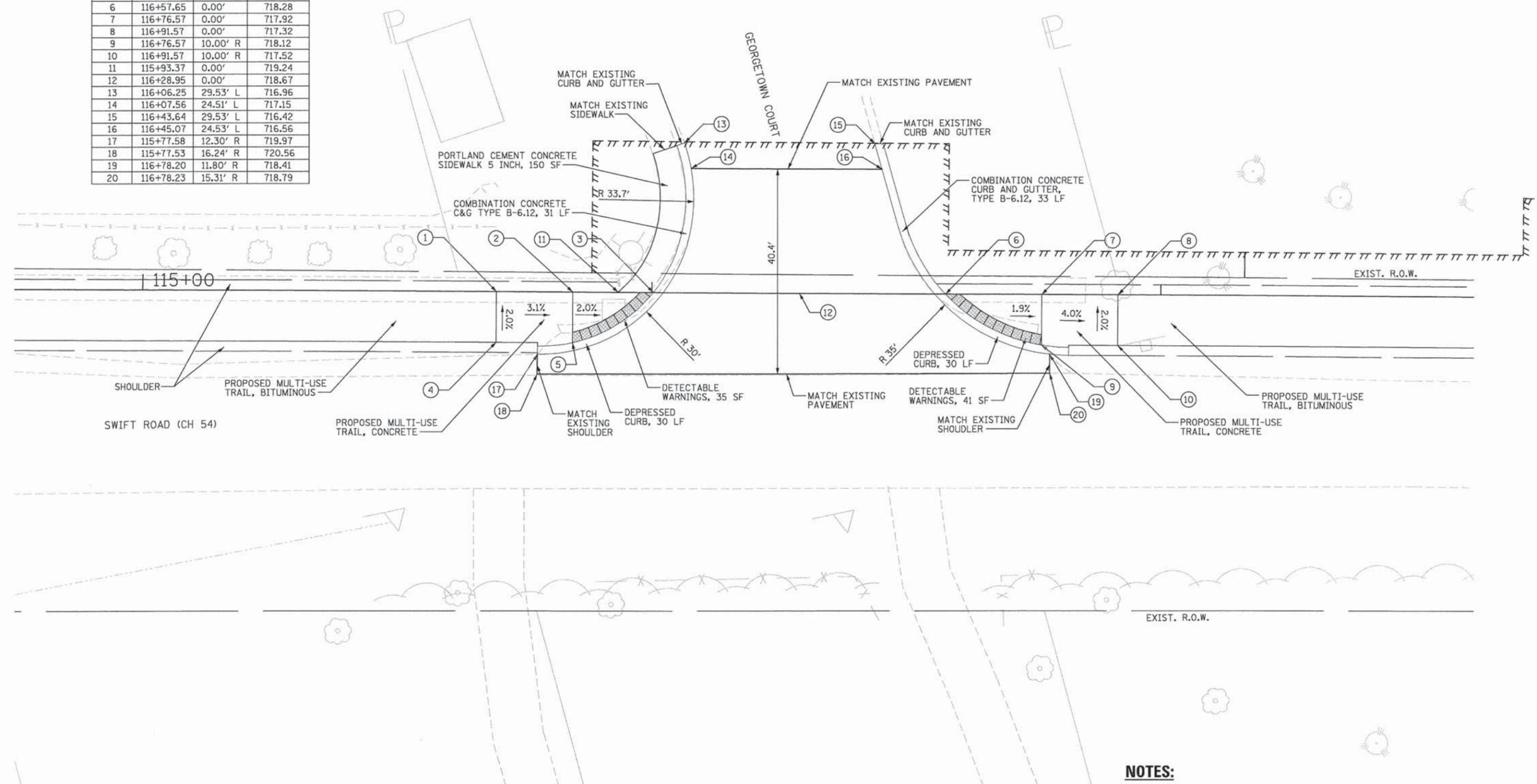
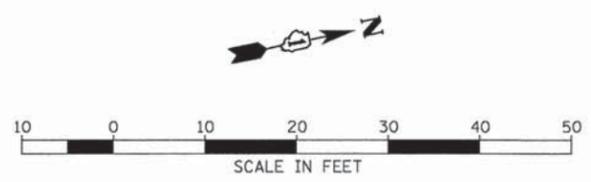
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GREENWAY TRAIL NORTH ALONG SWIFT ROAD  
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	11
CONTRACT NO. 63813			ILLINOIS FED. AID PROJECT	

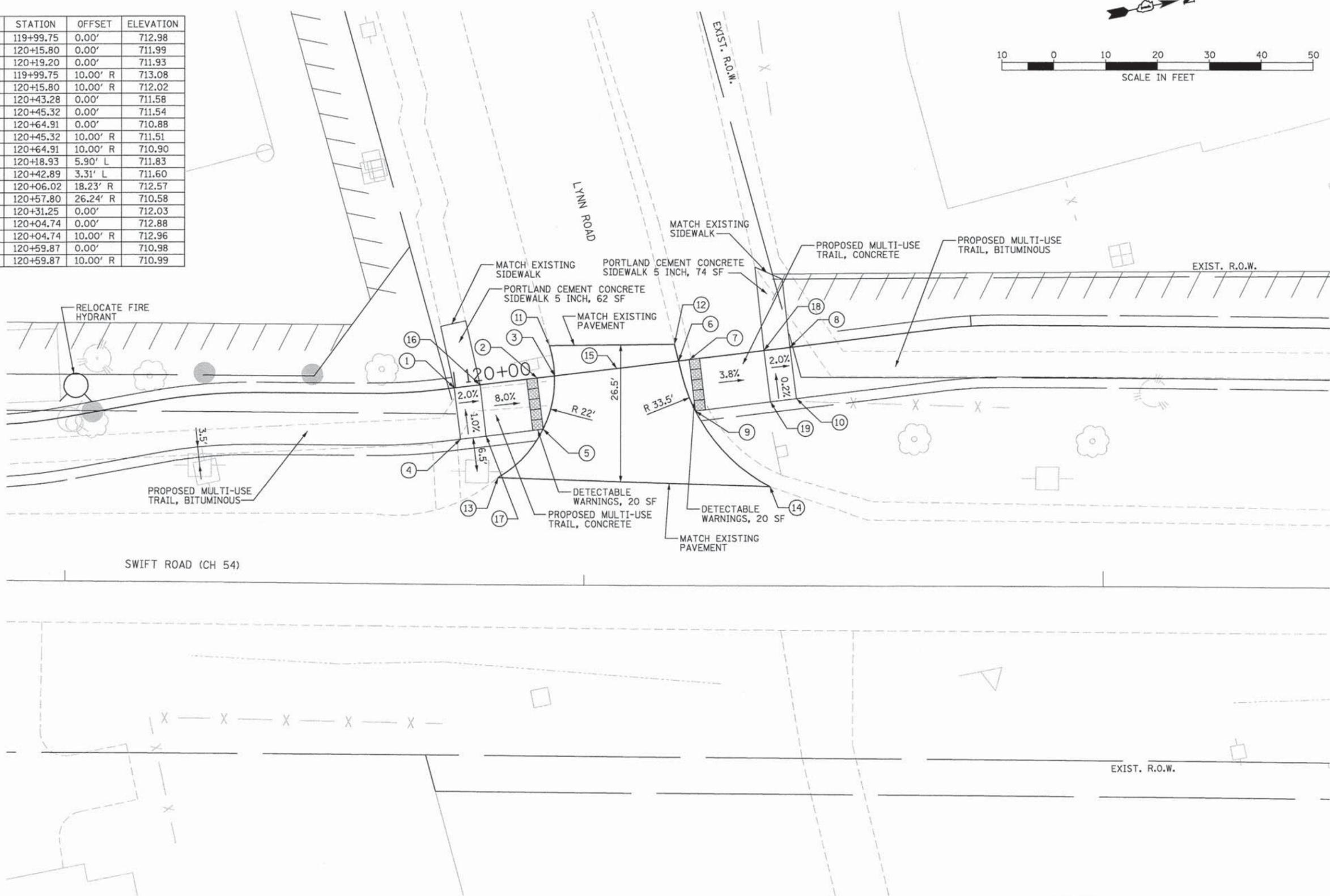
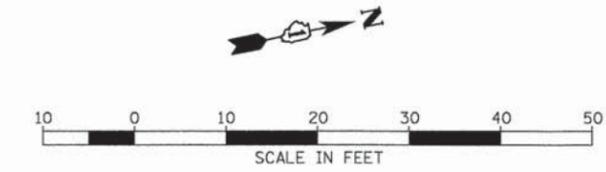
POINT	STATION	OFFSET	ELEVATION
1	115+69.44	0.00'	719.88
2	115+84.44	0.00'	719.42
3	116+00.26	0.00'	719.10
4	115+69.44	10.00' R	720.08
5	115+84.44	10.00' R	719.62
6	116+57.65	0.00'	718.28
7	116+76.57	0.00'	717.92
8	116+91.57	0.00'	717.32
9	116+76.57	10.00' R	718.12
10	116+91.57	10.00' R	717.52
11	115+93.37	0.00'	719.24
12	116+28.95	0.00'	718.67
13	116+06.25	29.53' L	716.96
14	116+07.56	24.51' L	717.15
15	116+43.64	29.53' L	716.42
16	116+45.07	24.53' L	716.56
17	115+77.58	12.30' R	719.97
18	115+77.53	16.24' R	720.56
19	116+78.20	11.80' R	718.41
20	116+78.23	15.31' R	718.79



- NOTES:**
- SEE PAVEMENT MARKING SHEET FOR CROSSWALK DETAILS.
  - SEE TYPICAL SECTIONS FOR CONSTRUCTION OF SIDESTREET AND MULTI-USE TRAIL

FILE NAME = 01517588-sht-intersect.dgn	USER NAME = WEIDINGHOFF	DESIGNED GYS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAILS - GEORGETOWN COURT</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN WME	REVISED -		SCALE: 1"=10'	SHEET	OF	SHEETS	STA.	TO STA.	11-00002-04-BT	DU PAGE	46	12
		CHECKED SAE	REVISED -											
		DATE 05/13/2013	REVISED -											
											CONTRACT NO. 63813		ILLINOIS FED. AID PROJECT	

POINT	STATION	OFFSET	ELEVATION
1	119+99.75	0.00'	712.98
2	120+15.80	0.00'	711.99
3	120+19.20	0.00'	711.93
4	119+99.75	10.00' R	713.08
5	120+15.80	10.00' R	712.02
6	120+43.28	0.00'	711.58
7	120+45.32	0.00'	711.54
8	120+64.91	0.00'	710.88
9	120+45.32	10.00' R	711.51
10	120+64.91	10.00' R	710.90
11	120+18.93	5.90' L	711.83
12	120+42.89	3.31' L	711.60
13	120+06.02	18.23' R	712.57
14	120+57.80	26.24' R	710.58
15	120+31.25	0.00'	712.03
16	120+04.74	0.00'	712.88
17	120+04.74	10.00' R	712.96
18	120+59.87	0.00'	710.98
19	120+59.87	10.00' R	710.99



- NOTES:**
1. SEE PAVEMENT MARKING SHEET FOR CROSSWALK DETAILS.
  2. SEE TYPICAL SECTIONS FOR CONSTRUCTION OF SIDESTREET AND MULTI-USE TRAIL

FILE NAME = DIS17588-sht-intersec2.dgn

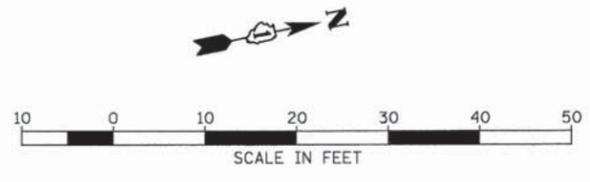
USER NAME = WE1d+inghoff  
 DESIGNED GYS  
 DRAWN WME  
 CHECKED SAE  
 DATE 05/13/2013

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

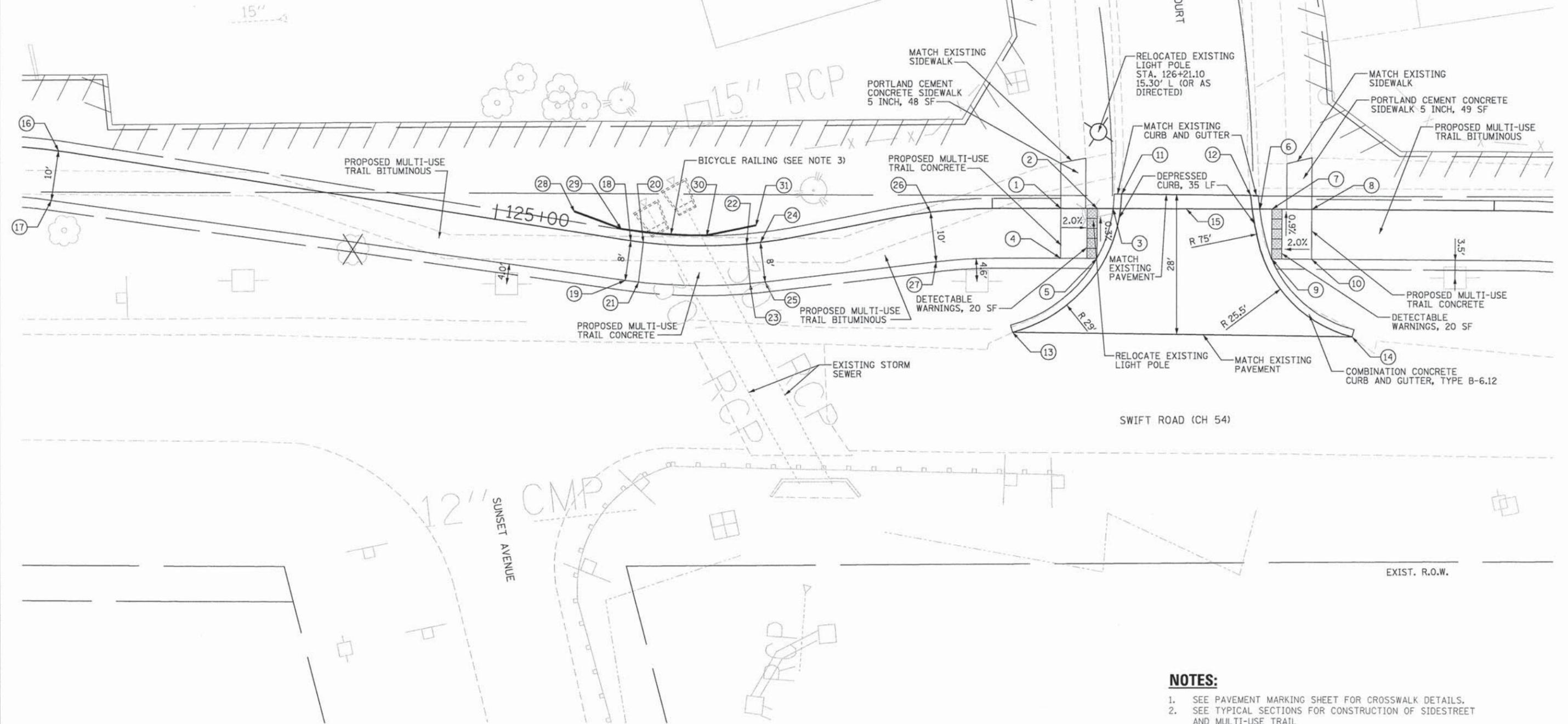
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS - LYNN ROAD**  
 SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	13
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				

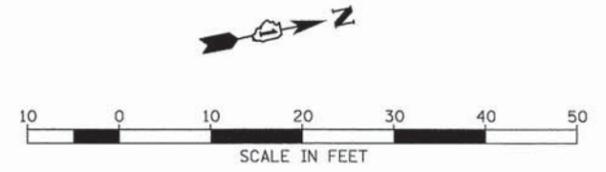


POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET
1	126+13.62	0.00'	705.30	16	124+11.98	0.00'
2	126+20.87	0.00'	705.16	17	124+11.98	10.00' R
3	126+24.06	0.00'	705.09	18	125+27.38	0.00'
4	126+13.62	10.00' R	705.25	19	125+27.38	8.00' R
5	126+20.87	10.00' R	705.19	20	125+29.89	0.00'
6	126+53.28	0.00'	705.06	21	125+29.89	8.00' R
7	126+55.69	0.00'	705.11	22	125+50.46	0.00'
8	126+63.66	0.00'	705.27	23	125+50.46	8.00' R
9	126+55.69	10.00' R	705.19	24	125+53.26	0.00'
10	126+63.66	10.00' R	705.30	25	125+53.26	8.00' R
11	126+25.75	2.91' L	705.12	26	125+87.65	0.00'
12	126+51.43	2.75' L	704.89	27	125+87.65	10.00' R
13	126+04.13	24.84' R	705.44	28	125+15.37	3.98' L
14	126+71.79	25.47' R	706.41	29	125+25.19	2.01' L
15	126+38.67	0.00'	705.43	30	125+42.57	1.99' L
				31	125+52.77	3.45' L

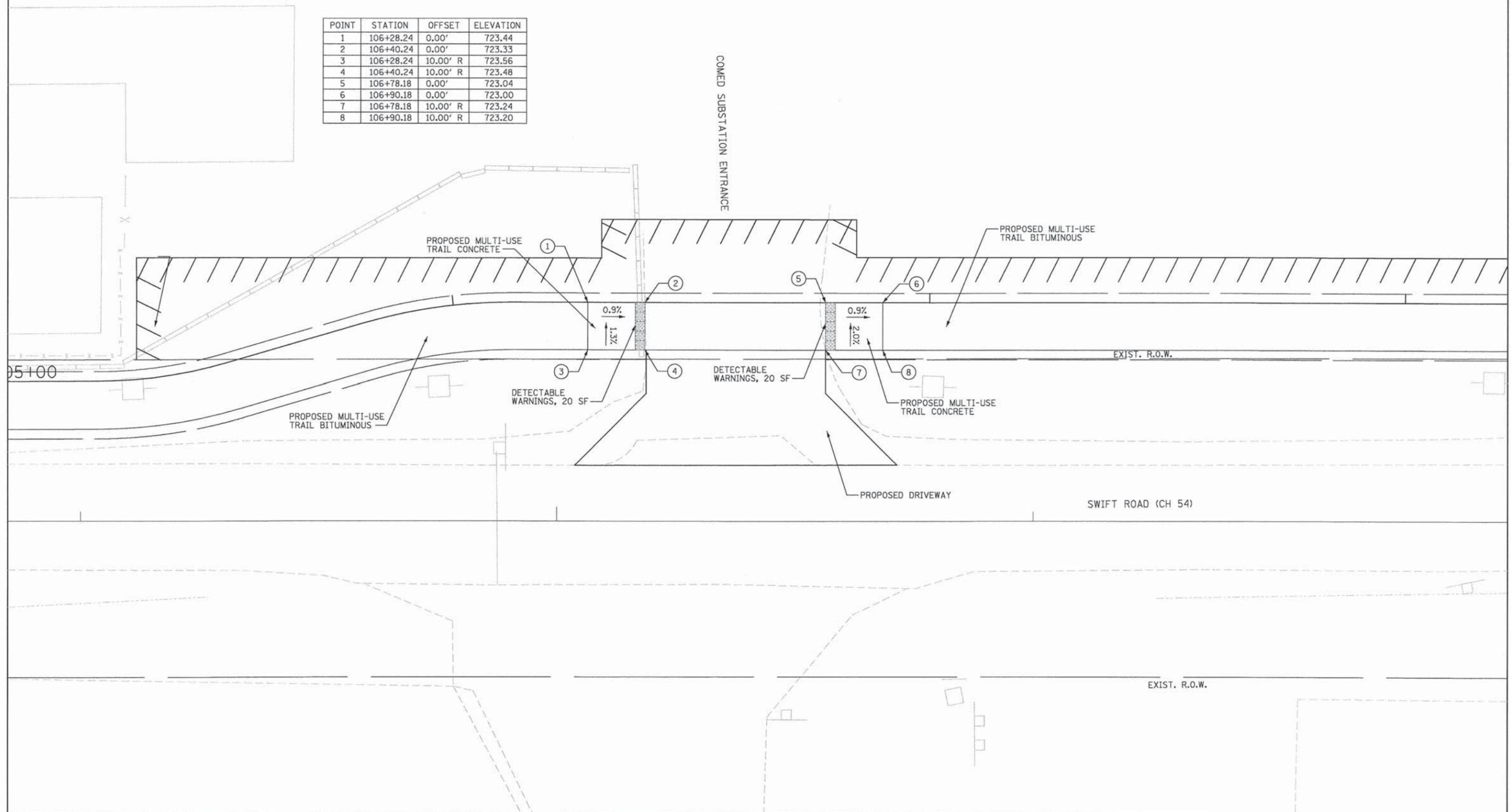


- NOTES:**
1. SEE PAVEMENT MARKING SHEET FOR CROSSWALK DETAILS.
  2. SEE TYPICAL SECTIONS FOR CONSTRUCTION OF SIDESTREET AND MULTI-USE TRAIL.
  3. RAILING SHALL BE CONSTRUCTED ON CONCRETE FOUNDATIONS. FOUNDATIONS SHALL BE SPACED TO AVOID EXISTING STORM SEWER.

FILE NAME = D1517588-sht-intersec3.dgn	USER NAME = WE1d-rnghoff	DESIGNED GYS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAILS - TANGER COURT</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN WME	REVISED -		SCALE: 1"=10'	SHEET	OF	SHEETS	STA.	TO STA.	11-00002-04-BT	DU PAGE	46	14
		CHECKED SAE	REVISED -											
		DATE 05/13/2013	REVISED -											
ILLINOIS FED. AID PROJECT														



POINT	STATION	OFFSET	ELEVATION
1	106+28.24	0.00'	723.44
2	106+40.24	0.00'	723.33
3	106+28.24	10.00' R	723.56
4	106+40.24	10.00' R	723.48
5	106+78.18	0.00'	723.04
6	106+90.18	0.00'	723.00
7	106+78.18	10.00' R	723.24
8	106+90.18	10.00' R	723.20



FILE NAME =  
D:\S17500-sht-intersec4.dgn

USER NAME = WEldrsinghoff  
PLOT SCALE = 20.0000' / 1" =  
PLOT DATE = 5/9/2013

DESIGNED GYS  
DRAWN WME  
CHECKED SAE  
DATE 05/13/2013

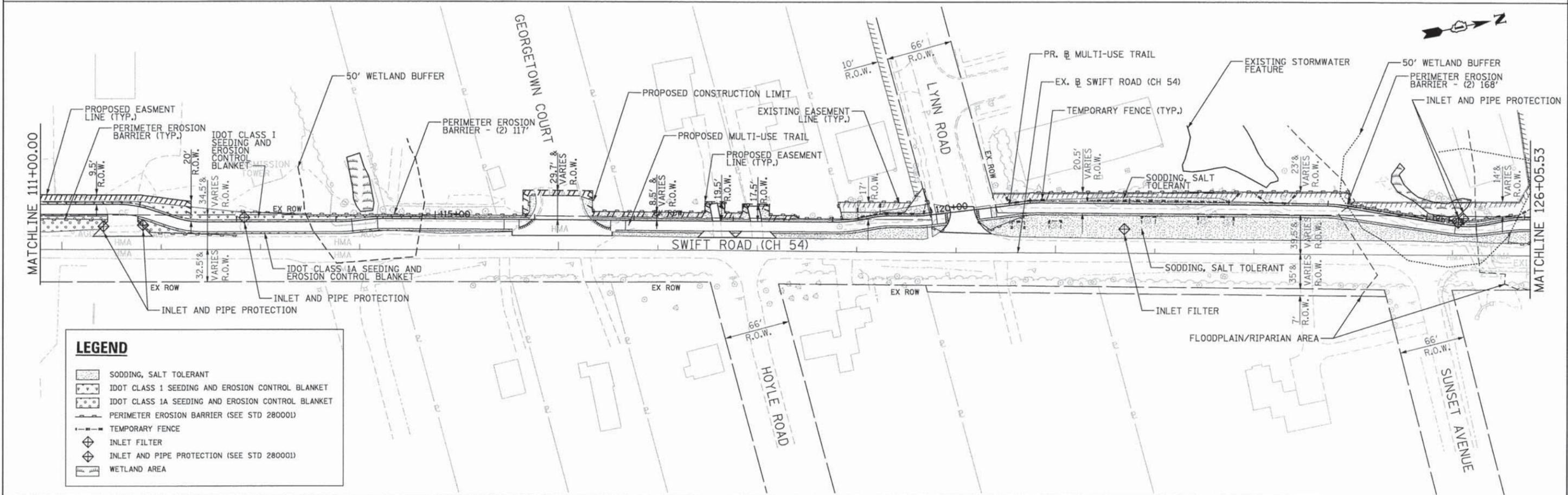
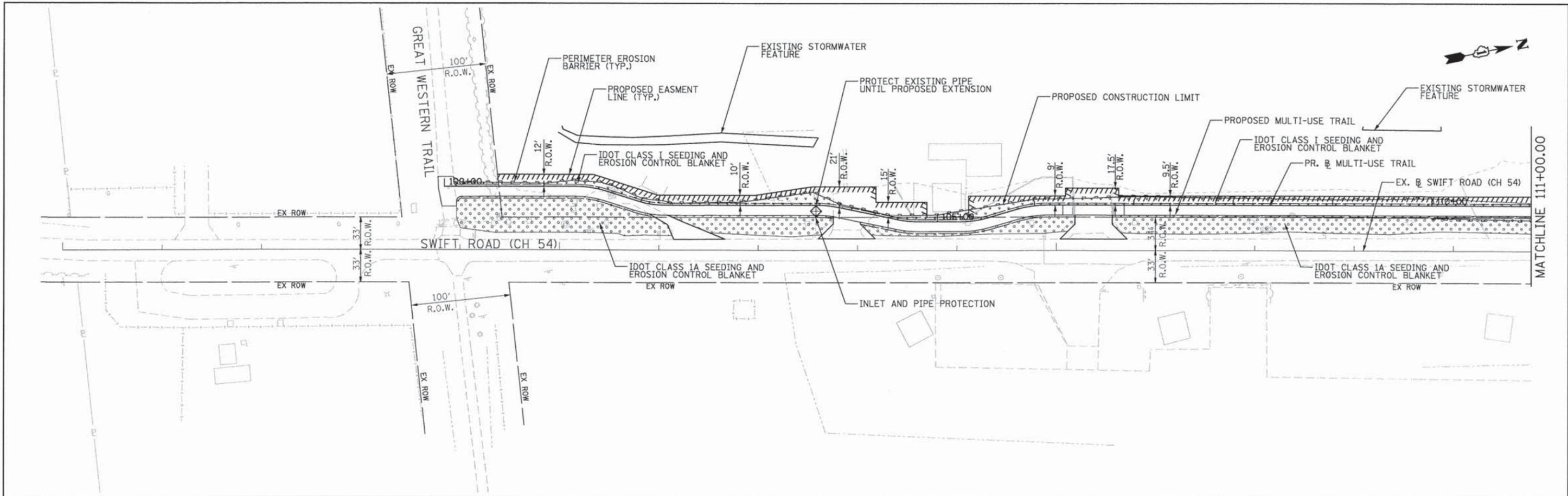
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
COMED SUBSTATION ENTRANCE**

SCALE: 1"=10'    SHEET    OF    SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	15
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				

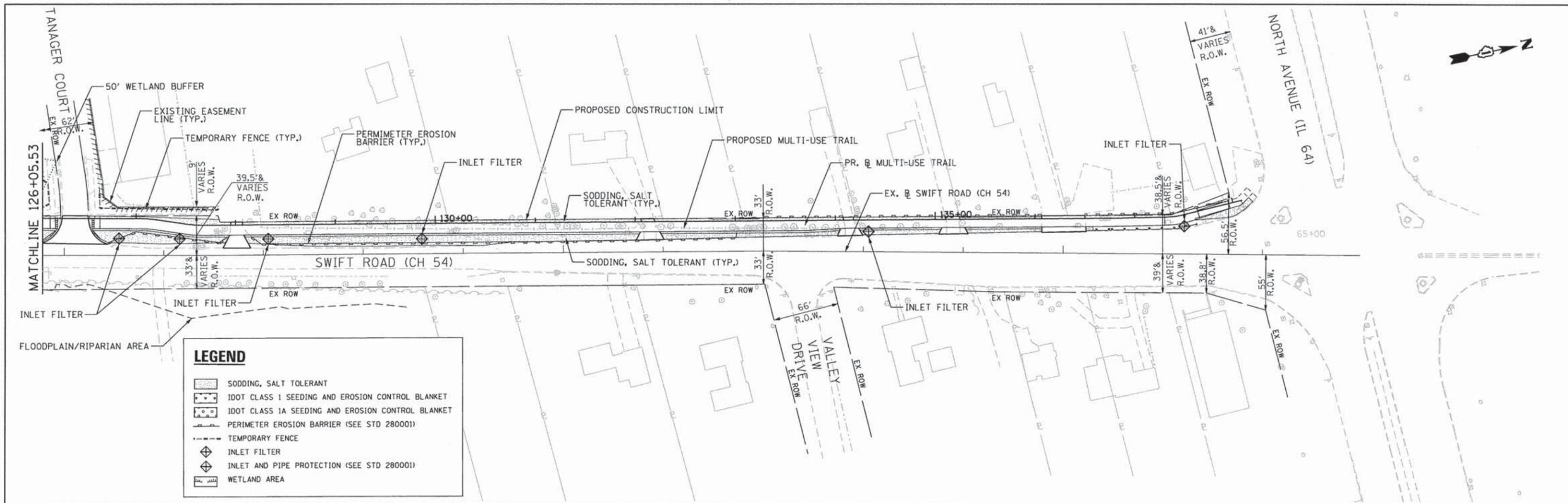


**LEGEND**

	SODDING, SALT TOLERANT
	IDOT CLASS I SEEDING AND EROSION CONTROL BLANKET
	IDOT CLASS 1A SEEDING AND EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER (SEE STD 280001)
	TEMPORARY FENCE
	INLET FILTER
	INLET AND PIPE PROTECTION (SEE STD 280001)
	WETLAND AREA

FILE NAME = DIS17580-shr-ESCL.dgn	USER NAME = WEIdrInghoff	DESIGNED - JR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENWAY TRAIL NORTH ALONG SWIFT ROAD LANDSCAPING &amp; EROSION CONTROL PLAN</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / 1"	CHECKED - SAE	REVISED -	11-00002-04-BT			DU PAGE	46	16		
PLOT DATE = 5/9/2013	DATE - 05/13/2013	REVISED -	CONTRACT NO. 63813							
SCALE: SHEET OF SHEETS STA. TO STA.						ILLINOIS FED. AID PROJECT				





**LANDSCAPING AND EROSION CONTROL NOTES**

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE DUPAGE COUNTY COUNTYWIDE STORMWATER AND FLOOD PLAN ORDINANCE, AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORMWATER PERMIT ILR40.
- EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
- ALL DISTURBED AREAS SHALL BE SEED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. THE SURFACE OR STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 15 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED. SOIL STOCKPILES MUST NOT BE LOCATED WITHIN ANY SPECIAL MANAGEMENT AREAS, SUCH AS JURISDICTIONAL WETLANDS AND ADJACENT OFF-SITE WETLANDS. MINOR TEMPORARY STOCKPILING OF MATERIALS OR FILLS WITHIN THE FLOOD PLAIN MAY BE ALLOWED IF NECESSARY. DUPAGE COUNTY AND THE ENGINEER SHALL APPROVE LIMITS ON THE DURATION AND WHERE THE TEMPORARY STOCKPILING CAN TAKE PLACE.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN WETLANDS.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- IF TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.

- GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AS NEEDED.
- CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL. CONCRETE WASH AREAS SHALL NOT BE LOCATED WITHIN ANY SPECIAL MANAGEMENT AREAS. LOCATION OF WASH AREAS SHALL BE APPROVED BY THE ENGINEER.
- ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
- THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPLACED OR REPAIRED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUBCONTRACTORS WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTATION AND MAINTAINING THESE EROSION CONTROL PLANS.
- THE CONSTRUCTION LIMIT WILL BE STAKED/APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE VEGETATION. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN THE CONSTRUCTION LIMIT.

- DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
- IN ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND SHALL REMAIN UNDISTURBED.
- ALL AREAS OF BARE GROUND SHALL BE TEMPORARILY SEED EVERY 7 DAYS UNTIL PERMANENT EROSION CONTROL IS IN PLACE. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- SEED MIX AND/OR TEMPORARY COVER CROP WILL BE SOWN ON ALL DISTURBED AREAS UPON COMPLETION OF THE FINAL GRADING. A 100% BIODEGRADABLE EROSION BLANKET WILL BE INSTALLED TO PREVENT EROSION FOR ALL SEEDED AREAS.
- ALL INLET AND PIPE PROTECTION SHALL BE PROVIDED AT ALL CULVERT AND FLARED END SECTION INFLOW AND OUTFALLS WITHIN THE PROJECT LIMITS.
- INLET FILTERS SHALL BE PROVIDED AT ALL INLETS WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF LOMBARD. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIAL STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION, AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

- TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES WHEN NECESSARY TO CUT MAJOR TREE ROOTS TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.
- PRUNE TREE LIMBS THAT MIGHT BE DAMAGED BY EQUIPMENT OPERATIONS AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION BY A CERTIFIED ARBORIST. ANY TREE LIMBS THAT ARE BROKEN BY CONSTRUCTION EQUIPMENT AFTER THE INITIAL PRUNING MUST BE PRUNED CORRECTLY WITHIN 72 HOURS.
- SUPPLEMENTAL WATERING IS SPECIFIED FOR TREES AND SHRUBS THAT WILL BE DISTURBED BY CONSTRUCTION BUT WILL REMAIN. NOTE THAT WATERING SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING, TOP PRUNING OR OTHER CONSTRUCTION DISTURBANCE.
- THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4170. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.
- STA. 100+00 TO STA. 115+50, USE SEEDING TYPE 1 ON WEST SIDE OF TRAIL TO CONSTRUCTION LIMITS, USE SEEDING TYPE 1A ON EAST SIDE OF TRAIL TO EDGE OF EXISTING SHOULDER OR ROADWAY. STA. 115+50 TO END OF PROJECT, PLACE SODDING OUTSIDE BOTH SIDES OF TRAIL FROM WEST CONSTRUCTION LIMITS TO THE EXISTING SHOULDER OF SWIFT ROAD.

FILE NAME = DIS17500-sh1-ESC2.dgn

USER NAME = WEldringhoff

DESIGNED - JR  
DRAWN - JR

REVISED -  
REVISED -  
REVISED -  
REVISED -

PLOT SCALE = 100.0000' / in.  
PLOT DATE = 5/29/2013

CHECKED - SAE  
DATE - 05/13/2013

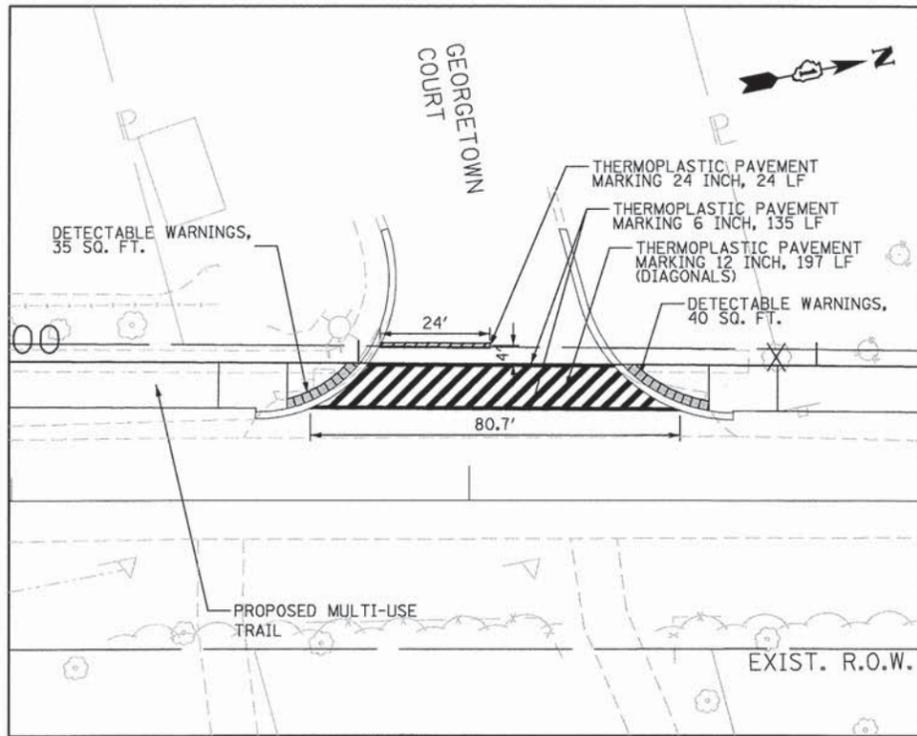
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

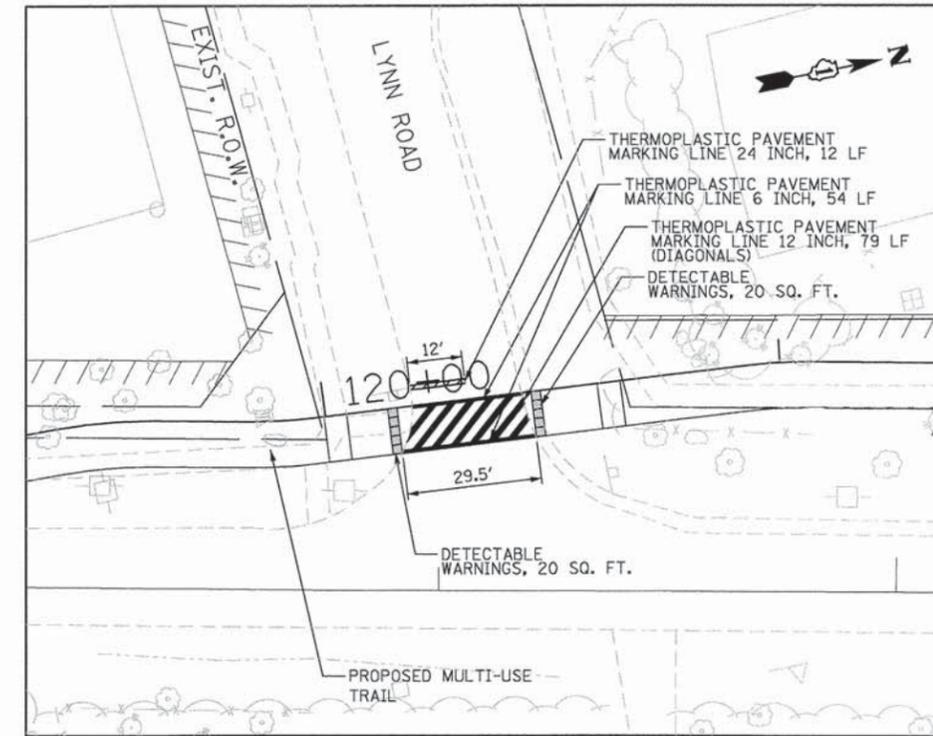
GREENWAY TRAIL NORTH ALONG SWIFT ROAD  
LANDSCAPING & EROSION CONTROL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

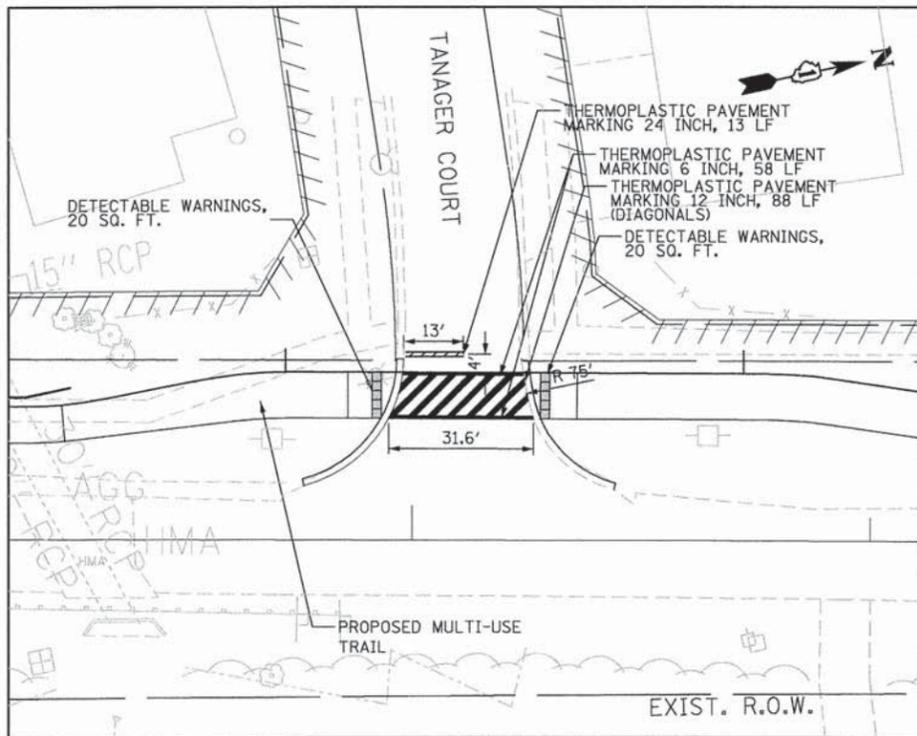
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	17
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				



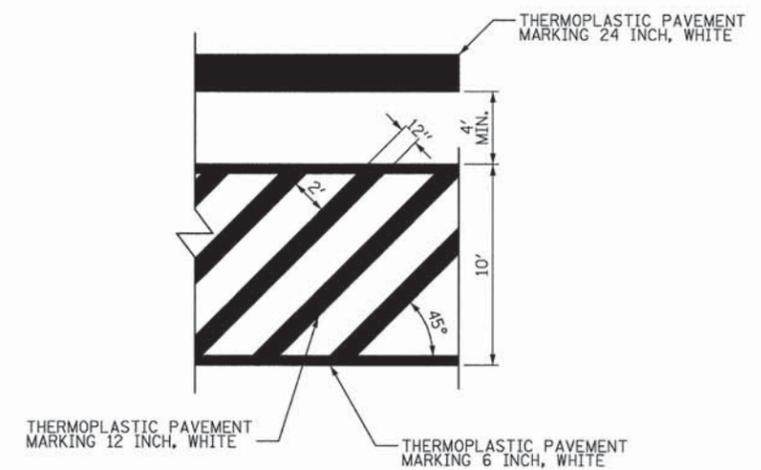
**GEORGETOWN COURT**



**LYNN ROAD**



**TANAGER COURT**



**TYPICAL CROSSWALK MARKING**

FILE NAME = 01517580-sht-pmk.dgn

USER NAME = WE1dr-inghoff  
 PLOT SCALE = 40,0000' / 1" = 100'  
 PLOT DATE = 5/9/2013

DESIGNED GYS  
 DRAWN WME  
 CHECKED SAE  
 DATE 05/13/2013

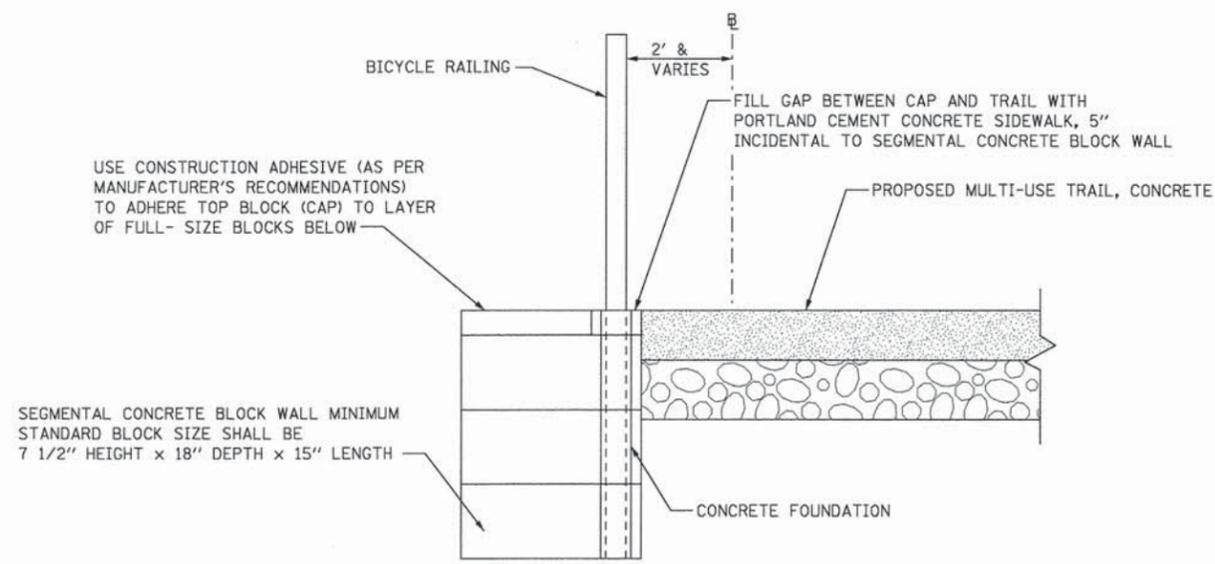
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

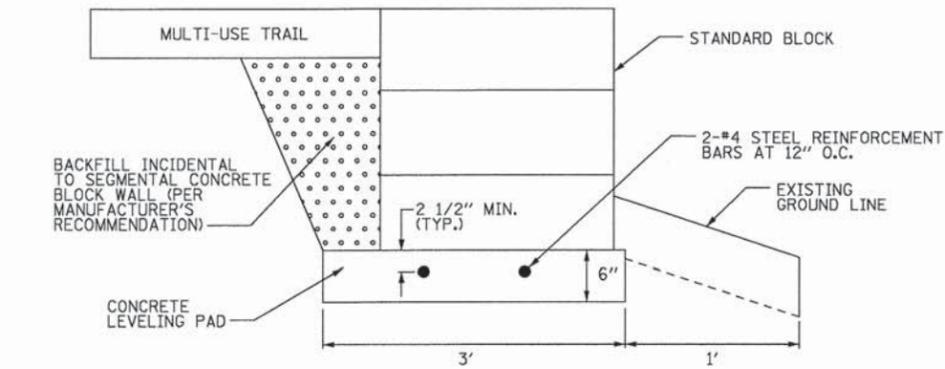
**PAVEMENT MARKING DETAILS**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

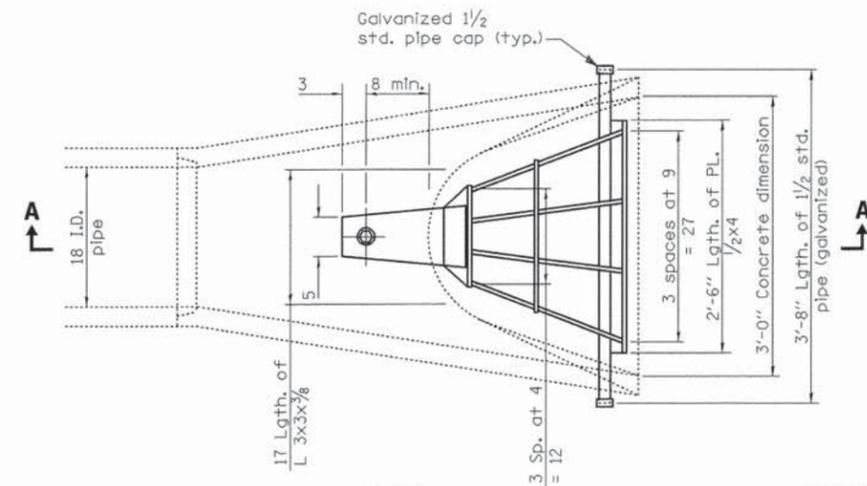
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	18
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				



**BICYCLE RAILING WITH SEGMENTAL CONCRETE BLOCK WALL DETAIL**

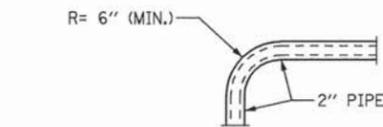


**TYPICAL SEGMENTAL CONCRETE BLOCK WALL CROSS SECTION**

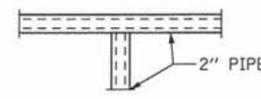


**PLAN**

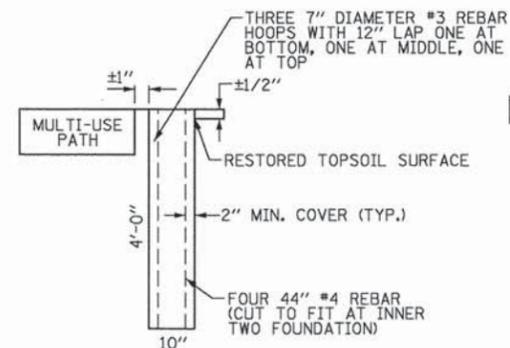
**GRATING FOR CONCRETE FLARED END SECTION**



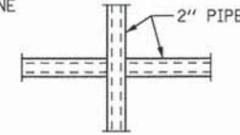
**DETAIL A**



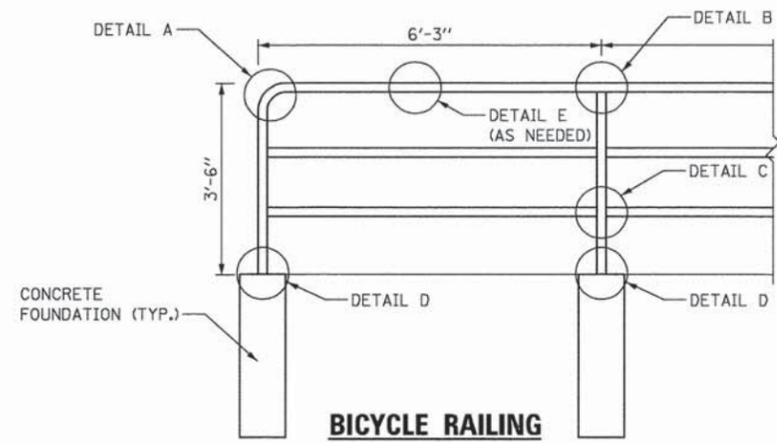
**DETAIL B**



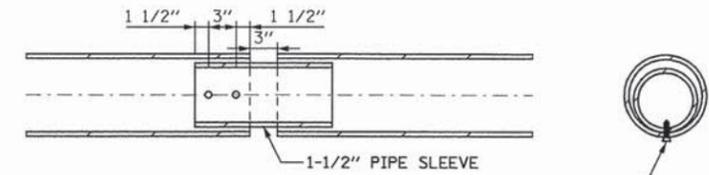
**CONCRETE FOUNDATION DETAIL**



**DETAIL C**

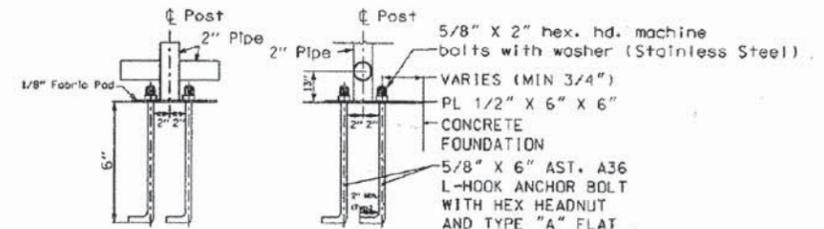


**BICYCLE RAILING ELEVATION DETAIL**



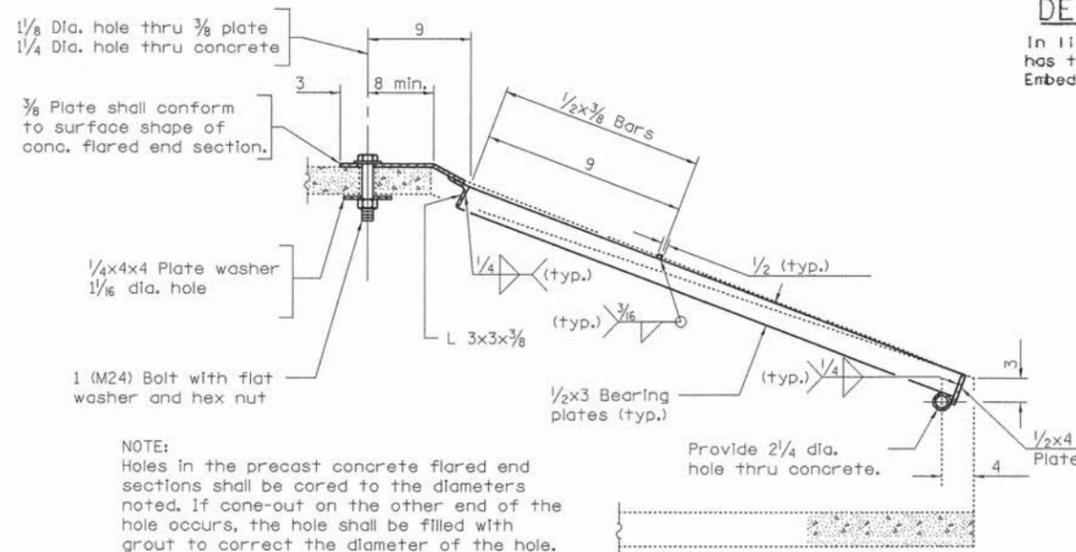
**DETAIL E**

SCREW (STAINLESS STEEL) TO BE PLACED ON THE TOP

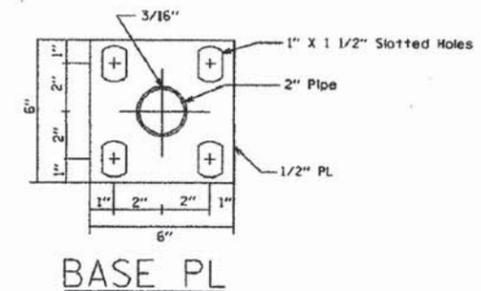


**DETAIL D (ANCHOR BOLT DETAILS)**

In lieu of the cast-in place anchor device shown, the Contractor has the option of drilling and epoxy grouting 5/8" dia. anchor rods. Embedment shall be according to the manufacturer's specifications



**SECTION A-A**



**BICYCLE RAILING DETAILS**

FILE NAME = 01517508-shr-strdet1.dgn

USER NAME = WE1d-rnghoff

DESIGNED GYS

REVISED -

PLOT SCALE = N.T.S.

DRAWN WME

REVISED -

PLOT DATE = 5/9/2013

CHECKED SAE

REVISED -

DATE 05/13/2013

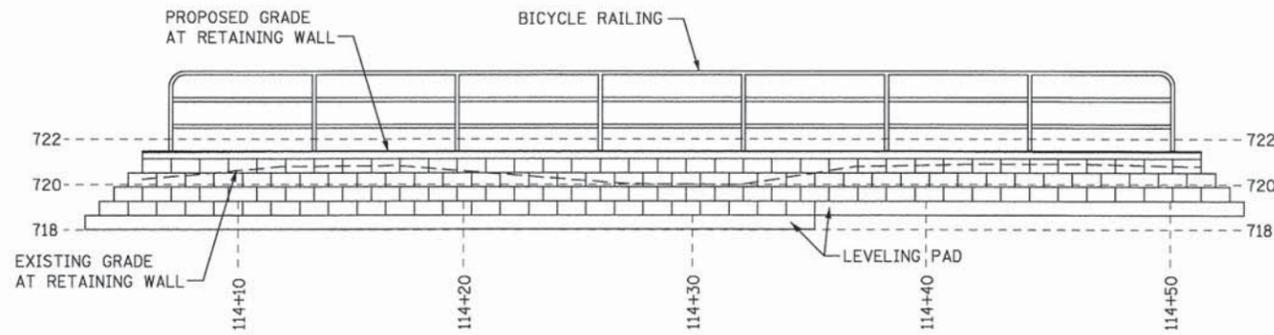
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

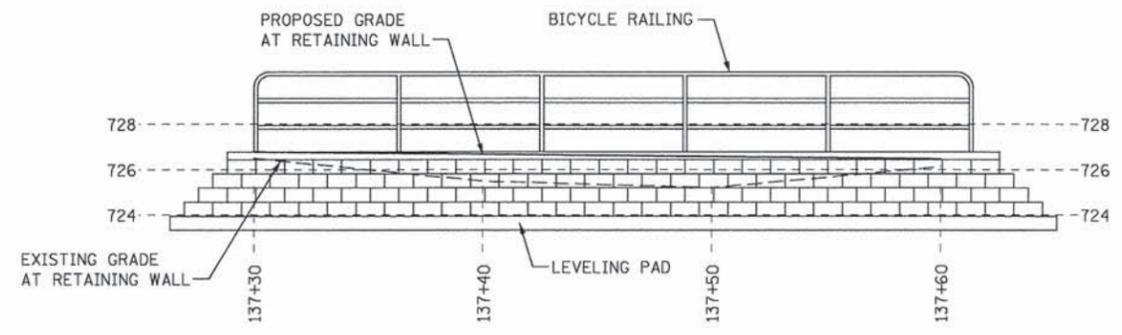
STRUCTURAL DETAILS (RAILINGS AND BARRIERS)

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	19
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				



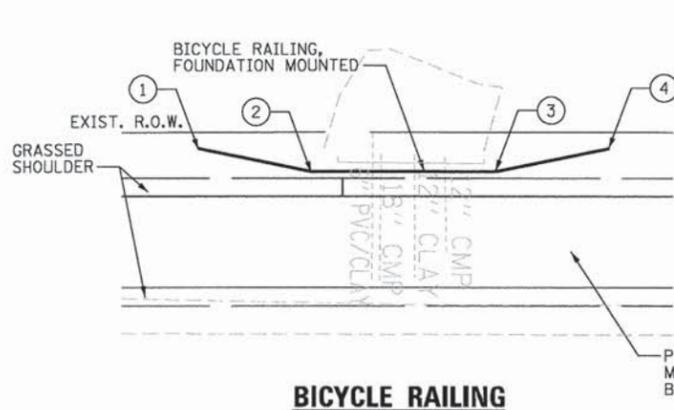
**SEGMENTAL CONCRETE BLOCK WALL ELEVATION**  
**STA. 114+05 TO STA. 114+52**  
 N.T.S.



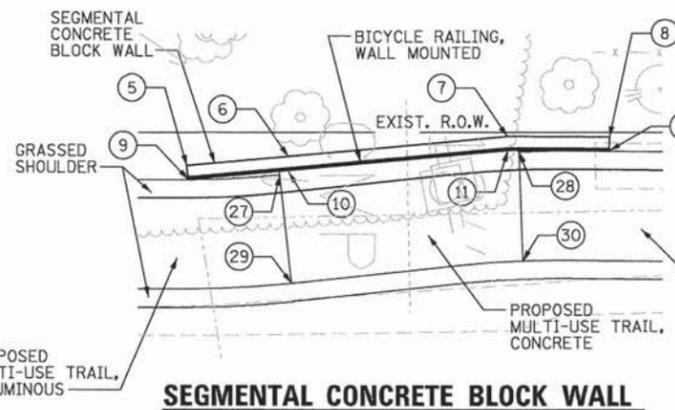
**SEGMENTAL CONCRETE BLOCK WALL ELEVATION**  
**STA. 137+30 TO STA. 137+64**  
 N.T.S.

NOTE:  
 CONTRACTOR SHALL SURVEY EXISTING  
 GROUND AT LOCATIONS OF PROPOSED  
 WALLS AND ADJUST WALL DESIGN AS  
 NECESSARY PRIOR TO SUBMISSION OF  
 SHOP DRAWINGS.

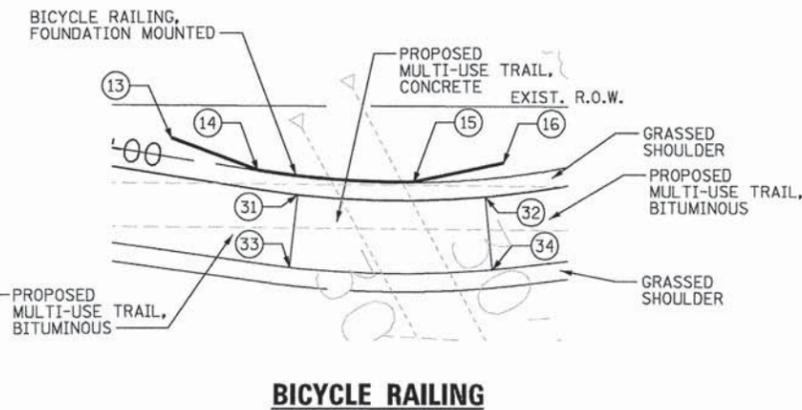
POINT	STATION	OFFSET
1	112+84.25	5.13' L
2	112+96.59	2.67' L
3	113+16.76	2.67' L
4	113+29.10	5.13' L
5	114+05.59	3.51' L
6	114+17.09	3.86' L
7	114+40.86	3.69' L
8	114+51.81	3.54' L
9	114+05.72	2.02' L
10	114+16.93	2.19' L
11	114+40.87	2.19' L
12	114+51.81	2.04' L
13	125+15.37	3.98' L
14	125+25.19	2.01' L
15	125+42.57	1.99' L
16	125+52.77	3.45' L
17	137+30.00	2.00' L
18	137+39.00	2.00' L
19	137+63.46	4.27' L
20	137+30.00	0.50' L
21	137+39.15	0.50' L
22	137+63.56	2.77' L
23	137+30.00	8.00' R
24	137+64.25	7.20' R
25	137+95.55	2.97' L
26	137+96.10	5.01' R
27	114+15.93	2.00' L
28	114+42.05	2.00' L
29	114+15.93	10.00' R
30	114+42.05	10.00' R
31	125+29.89	0.00
32	125+50.46	0.00
33	125+29.89	8.00' R
34	125+50.46	8.00' R



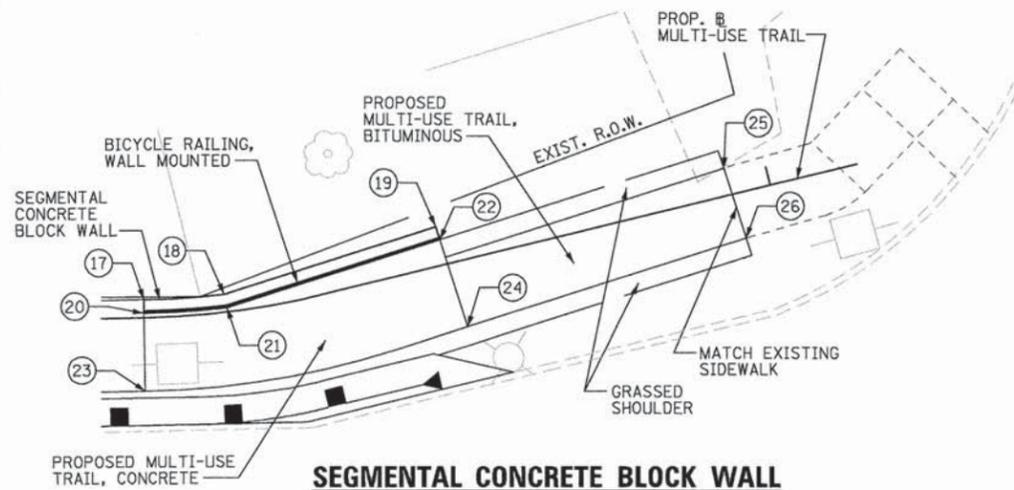
**BICYCLE RAILING**  
**STA. 112+84 TO STA. 113+29**



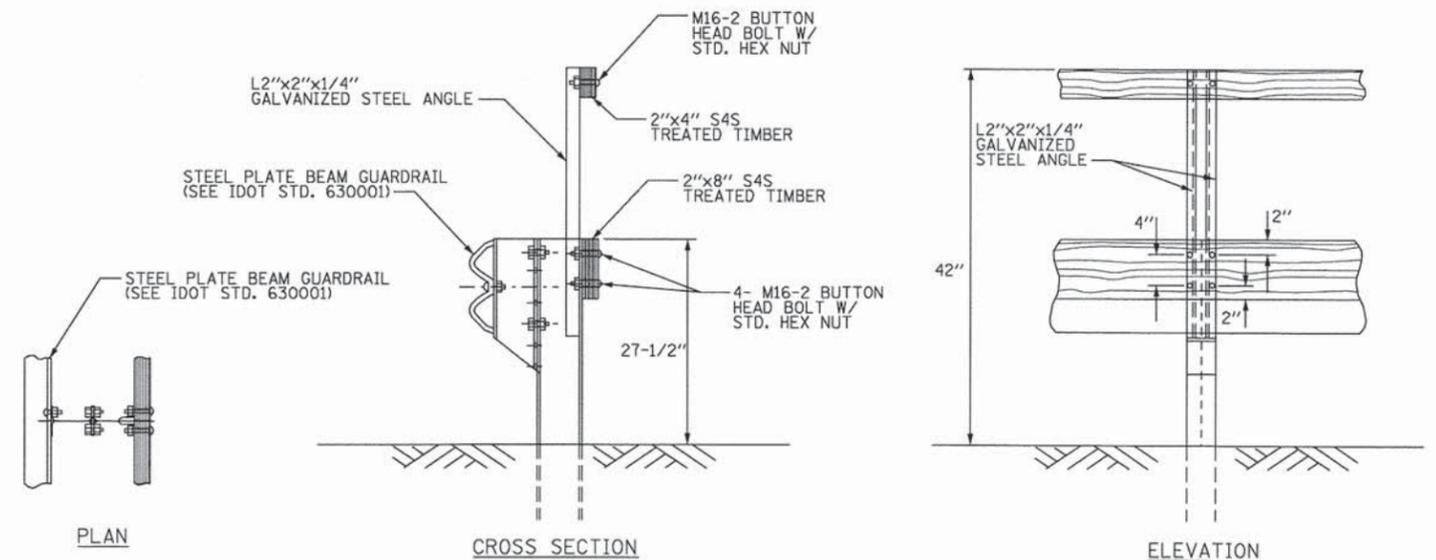
**SEGMENTAL CONCRETE BLOCK WALL WITH BICYCLE RAILING**  
**STA. 114+05 TO STA. 114+52**



**BICYCLE RAILING**  
**STA. 125+15 TO STA. 125+53**



**SEGMENTAL CONCRETE BLOCK WALL WITH BICYCLE RAILING**  
**STA. 137+30 TO STA. 137+64**



**RUB RAIL DETAIL**  
 N.T.S.



FILE NAME = DIS17588-sht-strdet2.dgn

USER NAME = WEldringhoff

DESIGNED GYS  
 DRAWN WME

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

PLOT SCALE = 28.0000' / in.  
 PLOT DATE = 5/9/2013

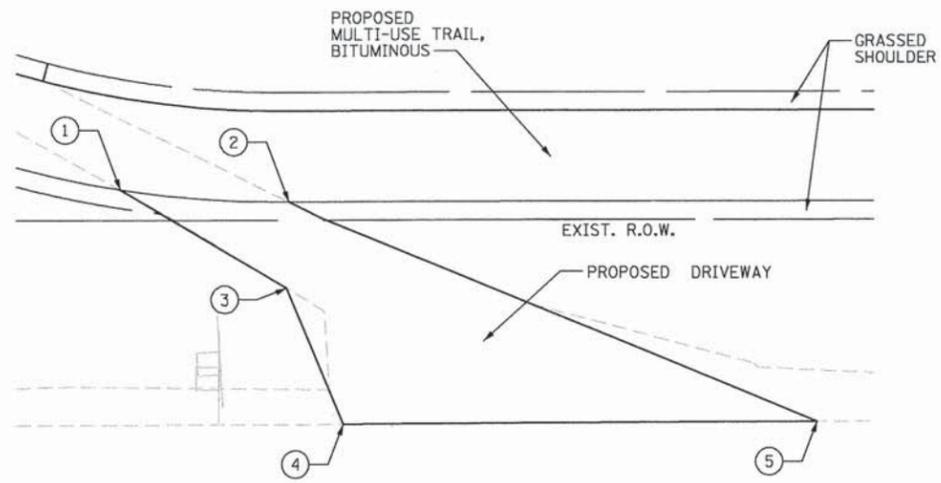
CHECKED SAE  
 DATE 05/13/2013

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

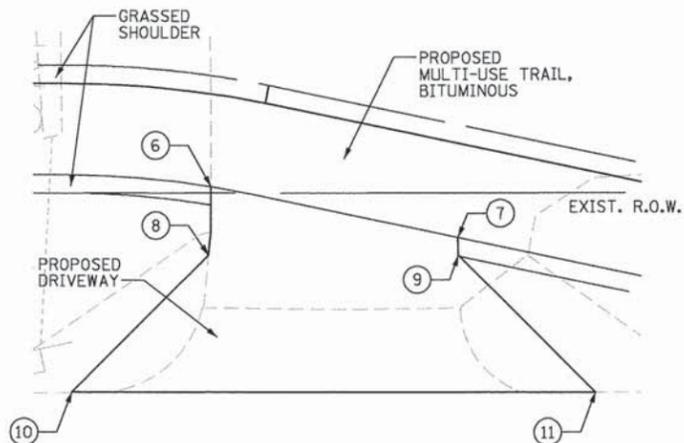
STRUCTURAL DETAILS

SCALE: 1"=10' SHEET OF SHEETS STA. TO STA.

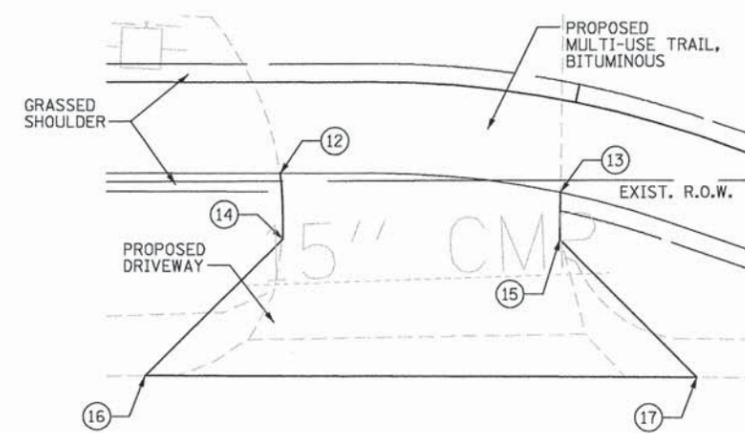
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	20
CONTRACT NO. 63813				
ILLINOIS FED. AID PROJECT				



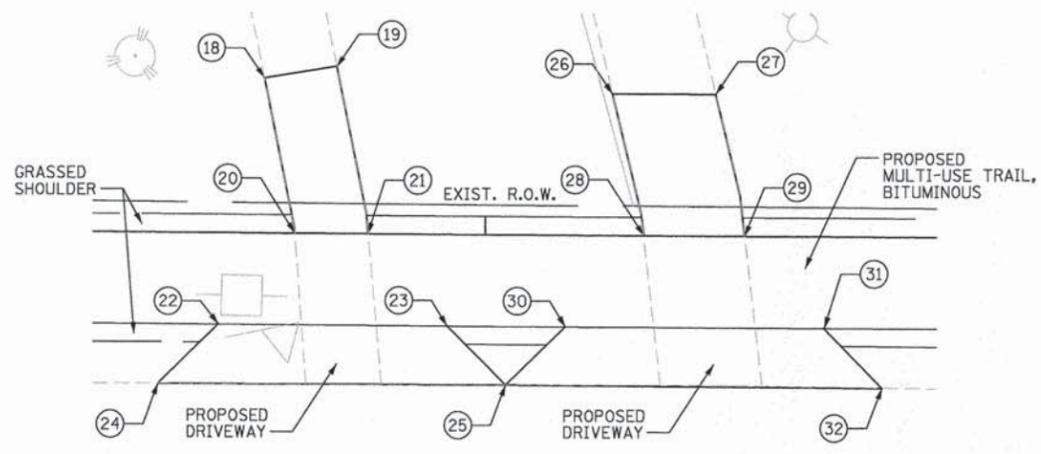
**FIELD ENTRANCE – STA. 102 + 60**



**DRIVEWAY – STA. 104 + 10**

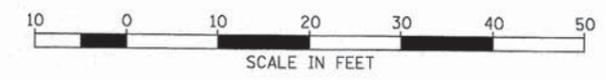


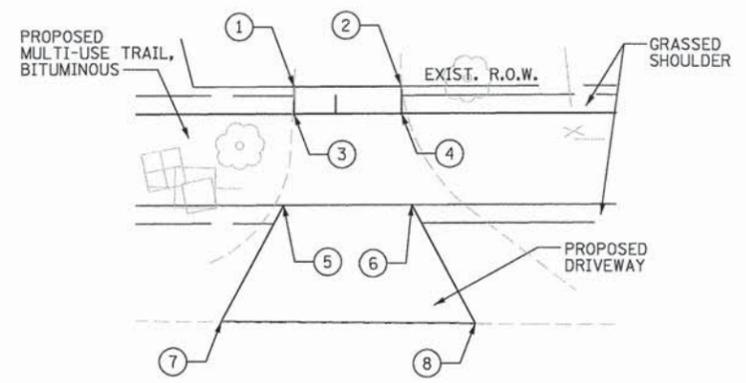
**DRIVEWAY – STA. 111 + 80**



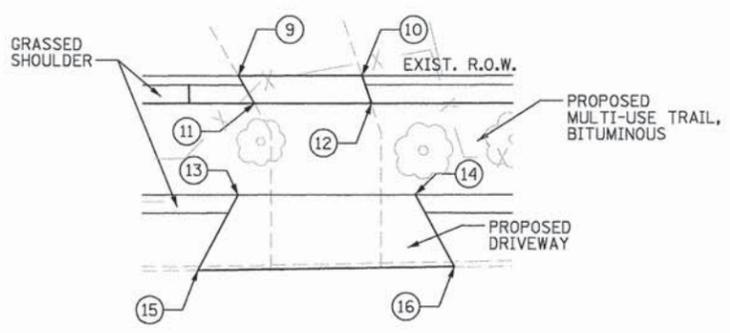
**DRIVEWAYS – STA. 118 + 00**

POINT	STATION	OFFSET
1	102+10.24	10.00' R
2	102+27.15	10.00' R
3	102+26.90	19.41' R
4	102+33.09	34.38' R
5	102+84.84	34.14' R
6	103+95.61	10.00' R
7	104+23.63	10.00' R
8	103+96.73	17.44' R
9	104+24.08	11.90' R
10	103+79.06	33.77' R
11	104+41.84	23.51' R
12	111+67.54	10.00' R
13	112+00.42	10.00' R
14	111+67.86	17.21' R
15	112+01.58	15.07' R
16	111+52.82	32.18' R
17	112+22.28	25.08' R
18	117+75.78	16.94' L
19	117+83.68	18.25' L
20	117+79.20	0.00'
21	117+87.20	0.00'
22	117+70.92	10.00' R
23	117+95.89	10.00' R
24	117+64.35	16.60' R
25	118+02.39	16.45' R
26	118+13.80	15.50' L
27	118+25.12	15.50' L
28	118+17.32	0.00'
29	118+28.41	0.00'
30	118+08.84	10.00' R
31	118+37.08	10.00' R
32	118+43.54	16.54' R

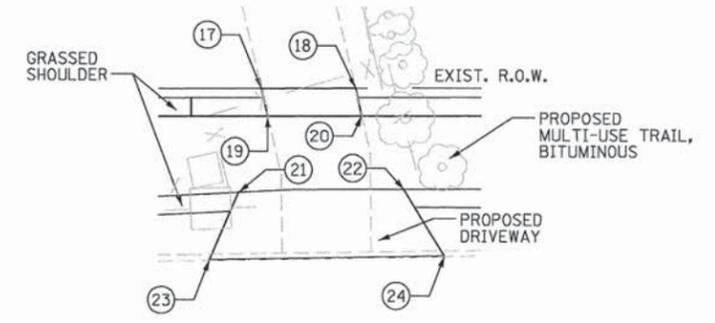




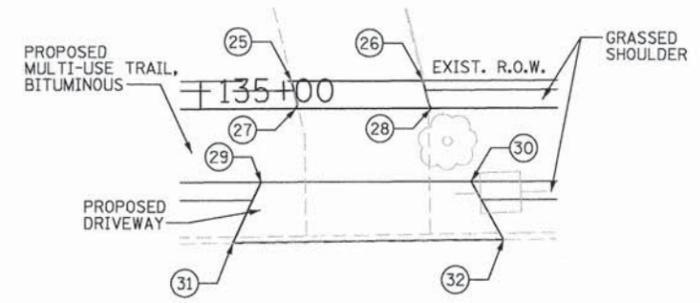
**DRIVEWAY - STA. 128 + 00**



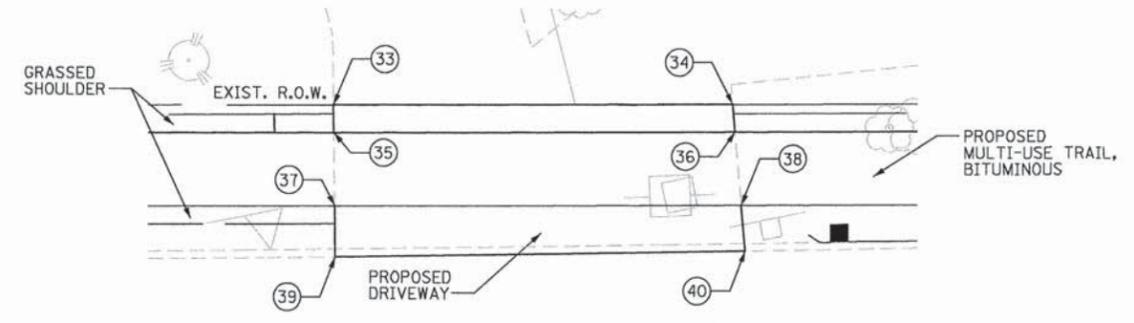
**DRIVEWAY - STA. 132 + 15**



**DRIVEWAY - STA. 134 + 15**



**DRIVEWAY - STA. 135 + 20**

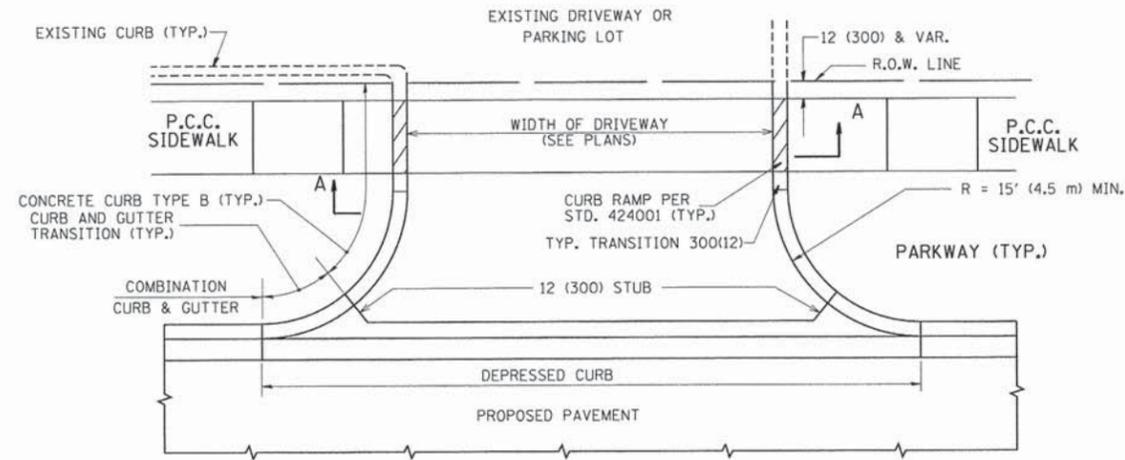


**DRIVEWAY - STA. 136 + 30**

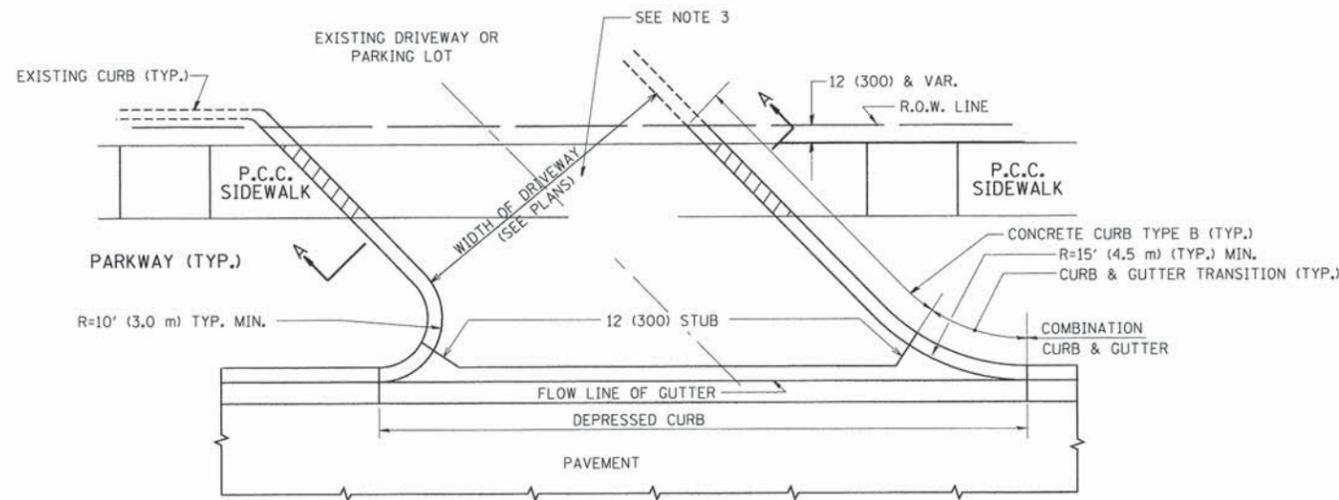
POINT	STATION	OFFSET
1	127+95.46	3.00' L
2	128+07.21	3.00' L
3	127+95.46	0.00'
4	128+07.21	0.00'
5	127+94.29	10.00' R
6	128+08.28	10.00' R
7	127+87.46	22.76' R
8	128+15.21	23.07' R
9	132+05.39	3.00' L
10	132+18.91	3.00' L
11	132+07.12	0.00
12	132+19.93	0.00
13	132+05.34	10.00' R
14	132+24.71	10.00' R
15	132+00.94	18.28' R
16	132+28.94	17.90' R
17	134+07.71	3.00' L
18	134+17.98	3.00' L
19	134+08.41	0.00
20	134+18.67	0.00
21	134+05.18	8.31' R
22	134+23.32	8.00' R
23	134+01.96	15.70' R
24	134+27.72	15.31' R
25	135+09.94	3.00' L
26	135+24.29	3.00' L
27	135+10.38	0.00
28	135+25.20	0.00
29	135+06.62	8.00' R
30	135+29.58	8.00' R
31	135+03.50	14.64' R
32	135+33.08	14.38' R
33	136+06.44	3.00' L
34	136+50.03	3.00' L
35	136+06.47	0.00
36	136+50.28	0.00
37	136+06.55	8.00' R
38	136+50.94	8.00' R
39	136+06.60	13.58' R
40	136+51.36	13.01' R



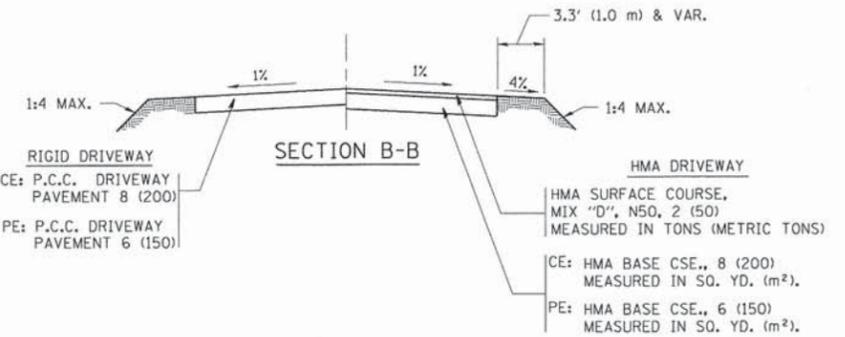
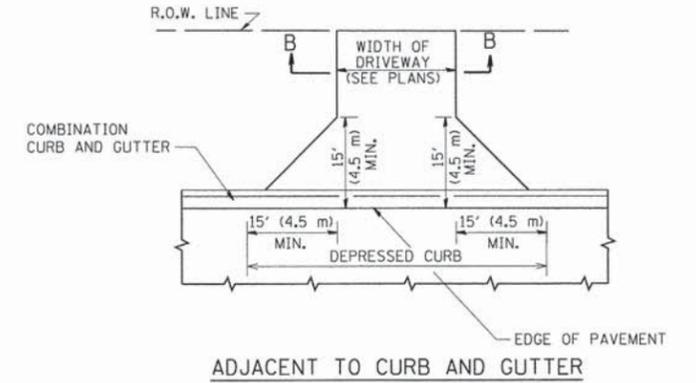
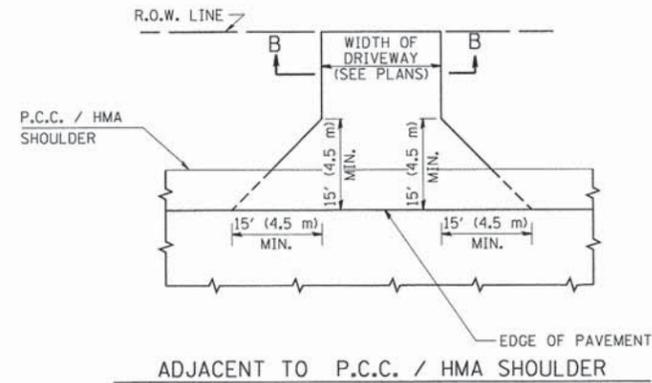
ILLINOIS FED. AID PROJECT



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)

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

AGGREGATE BASE CSE., TYPE B, 8 (200) 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.

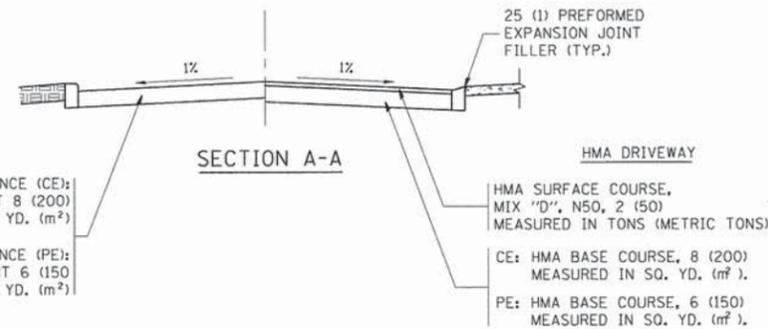
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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.

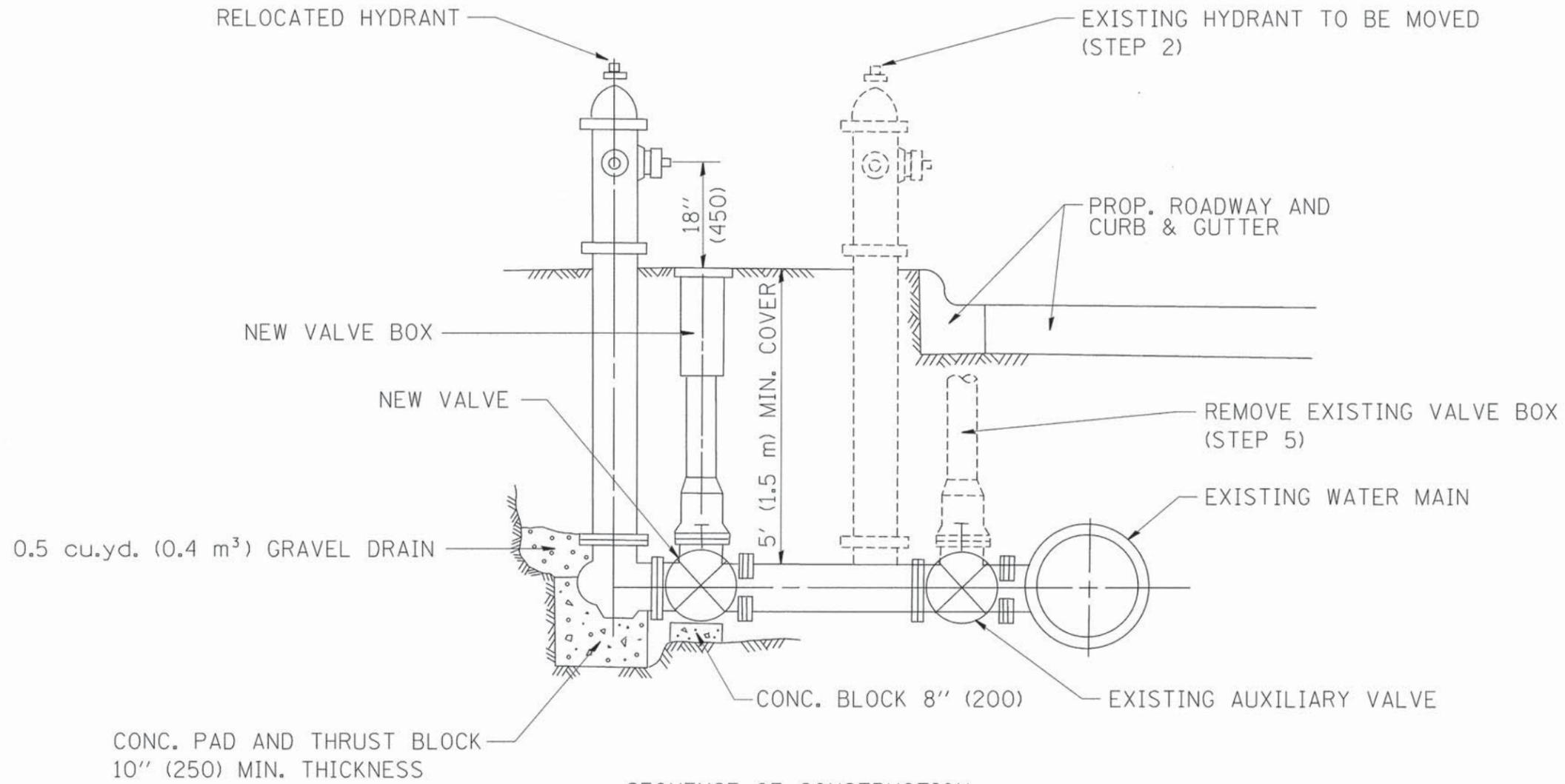


FILE NAME =	USER NAME = jaysa	DESIGNED - R. SHAH	REVISED - P. LoFLUER 04-15-03
c:\pwork\pwork\jaysa\d0108315\bd01.dwg		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.0000 1/16"	CHECKED -	REVISED - R. BORO 06-11-08
	PLOT DATE = 9/6/2011	DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	23
BD0156-07 (BD-01)			CONTRACT NO. 63813	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

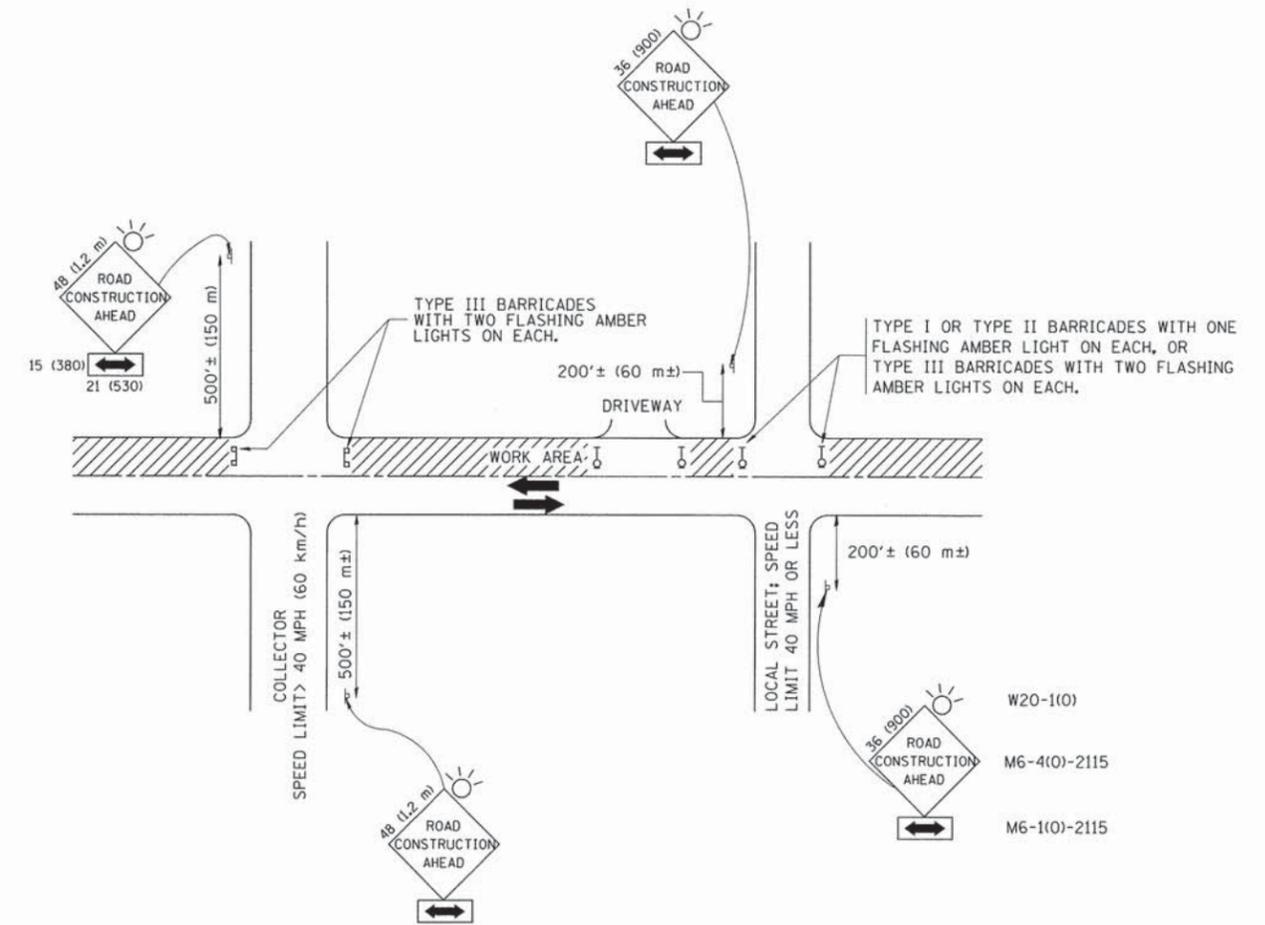
ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

FILE NAME = W:\diststd\22x34\bd36.dgn	USER NAME = gaglienobt	DESIGNED -	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIRE HYDRANT TO BE MOVED</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - R. SHAH 10-25-94					11-00002-04-BT	DU PAGE	46	24	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -		BD-36			CONTRACT NO. 63813				
		DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			





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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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 AND FLAG 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.
  - 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).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = W:\diststd\22x34\tc18.dgn	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2000	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

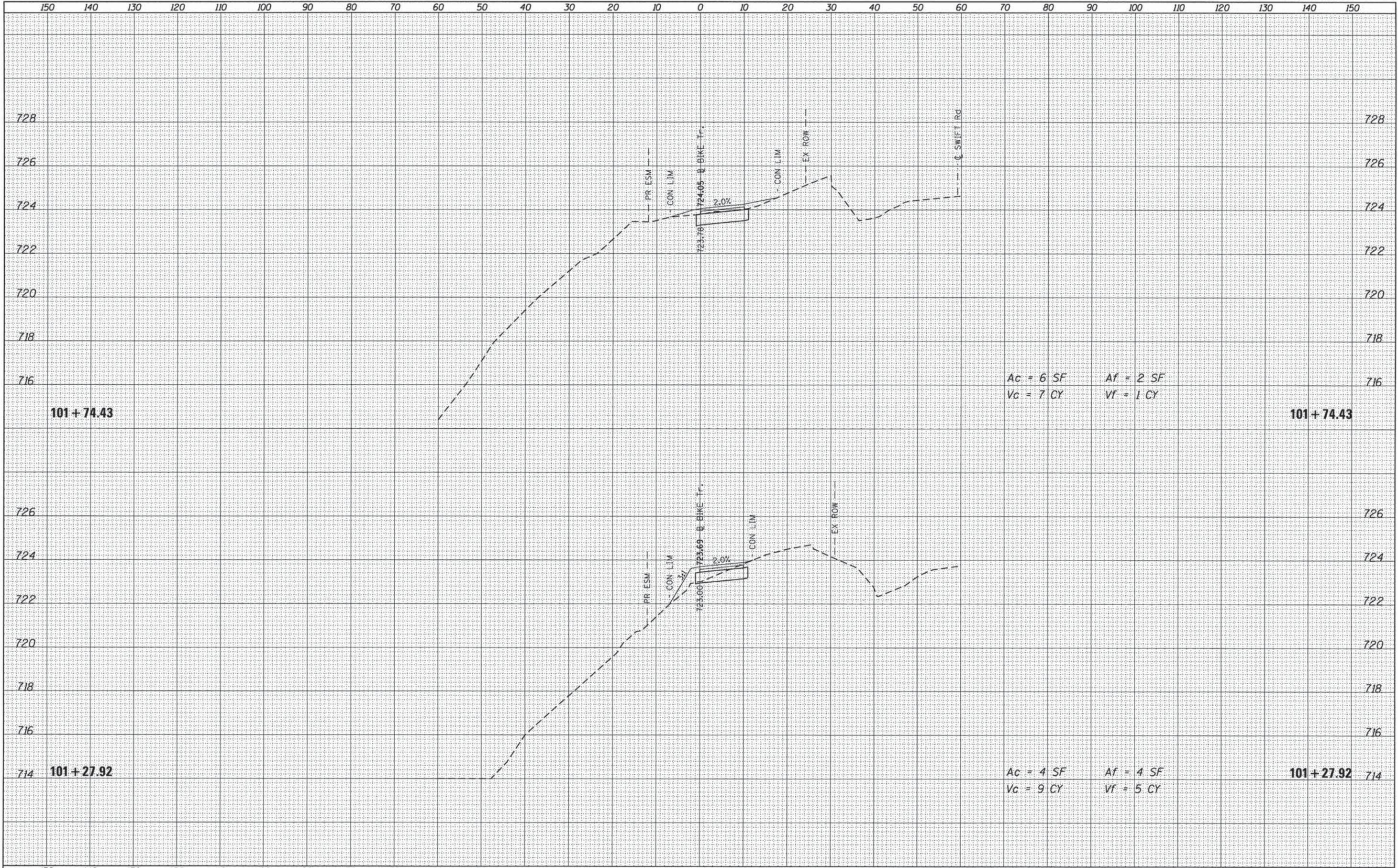
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	25
	TC-10	CONTRACT NO.	63813	
FED. ROAD DIST. NO. 1   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

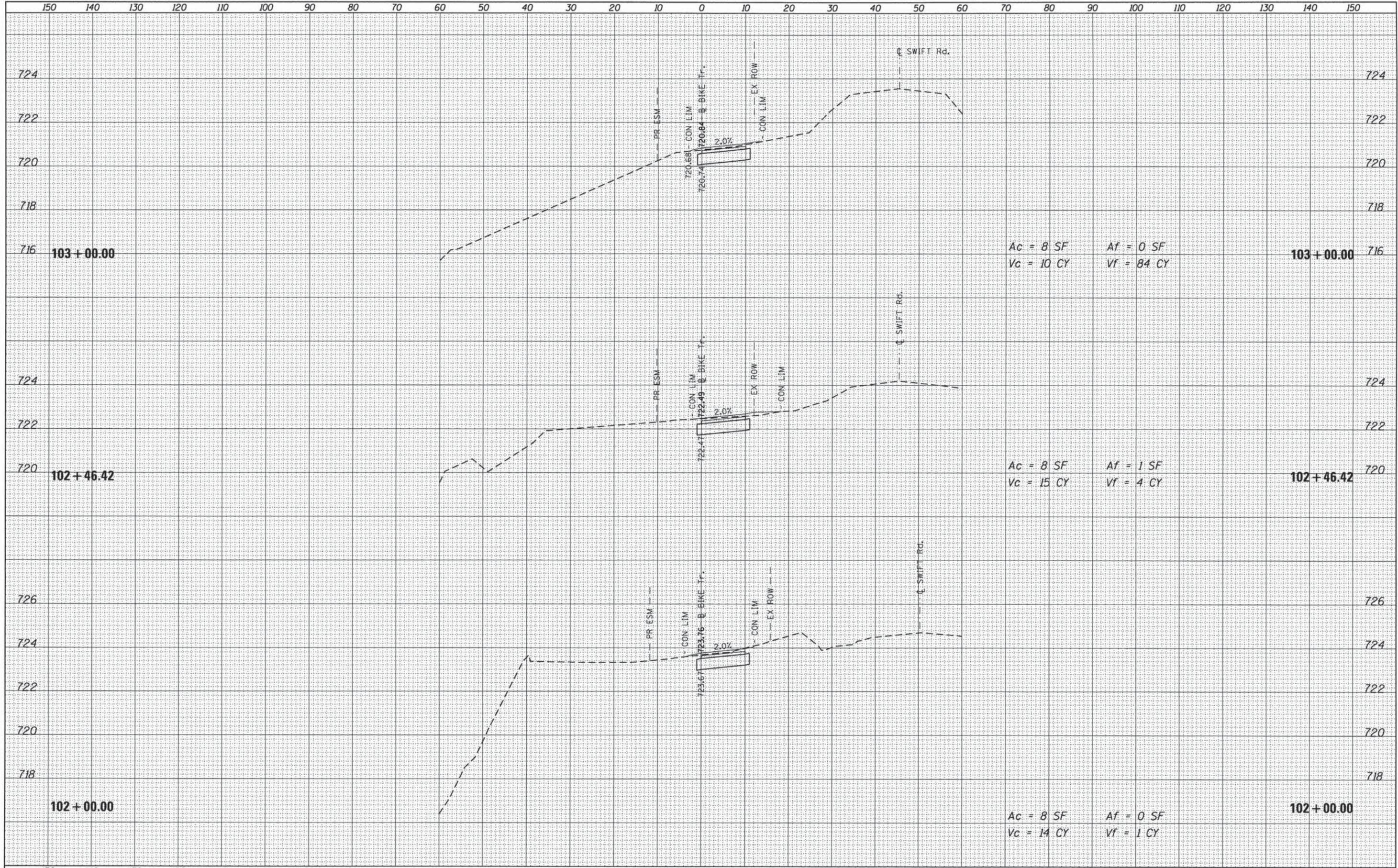


Ac = 6 SF      Af = 2 SF  
Vc = 7 CY      Vf = 1 CY

Ac = 4 SF      Af = 4 SF  
Vc = 9 CY      Vf = 5 CY

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

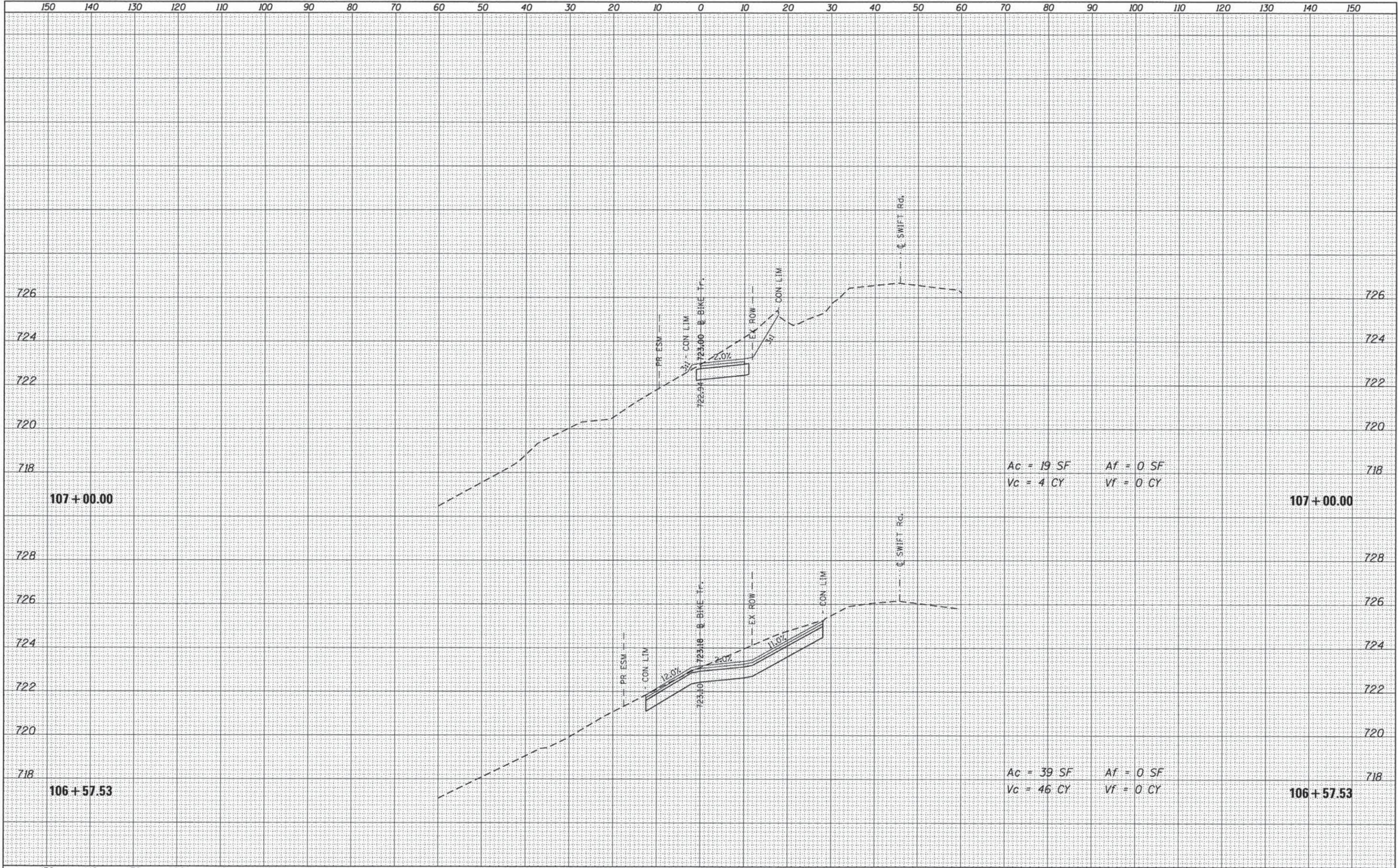






DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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

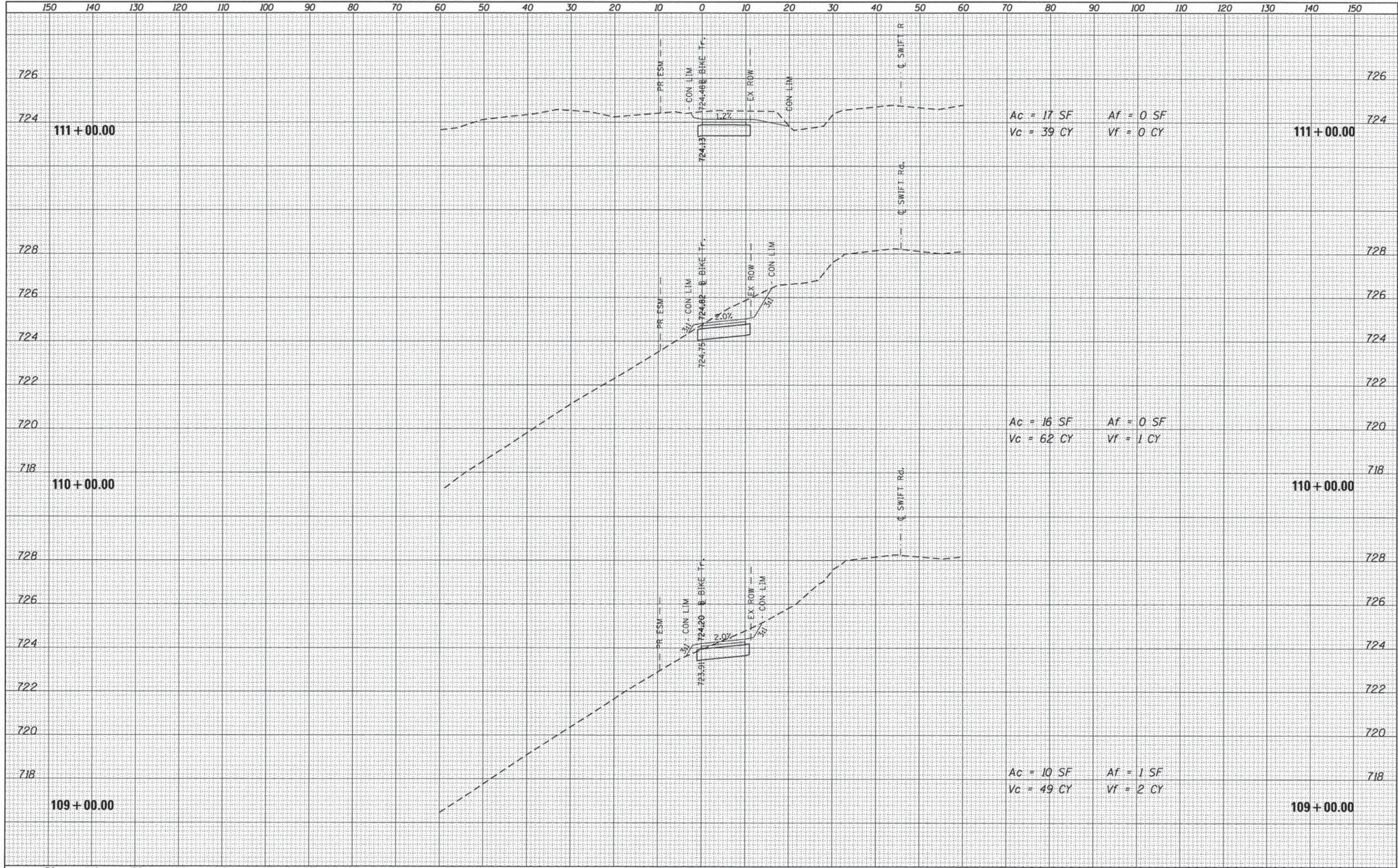
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED





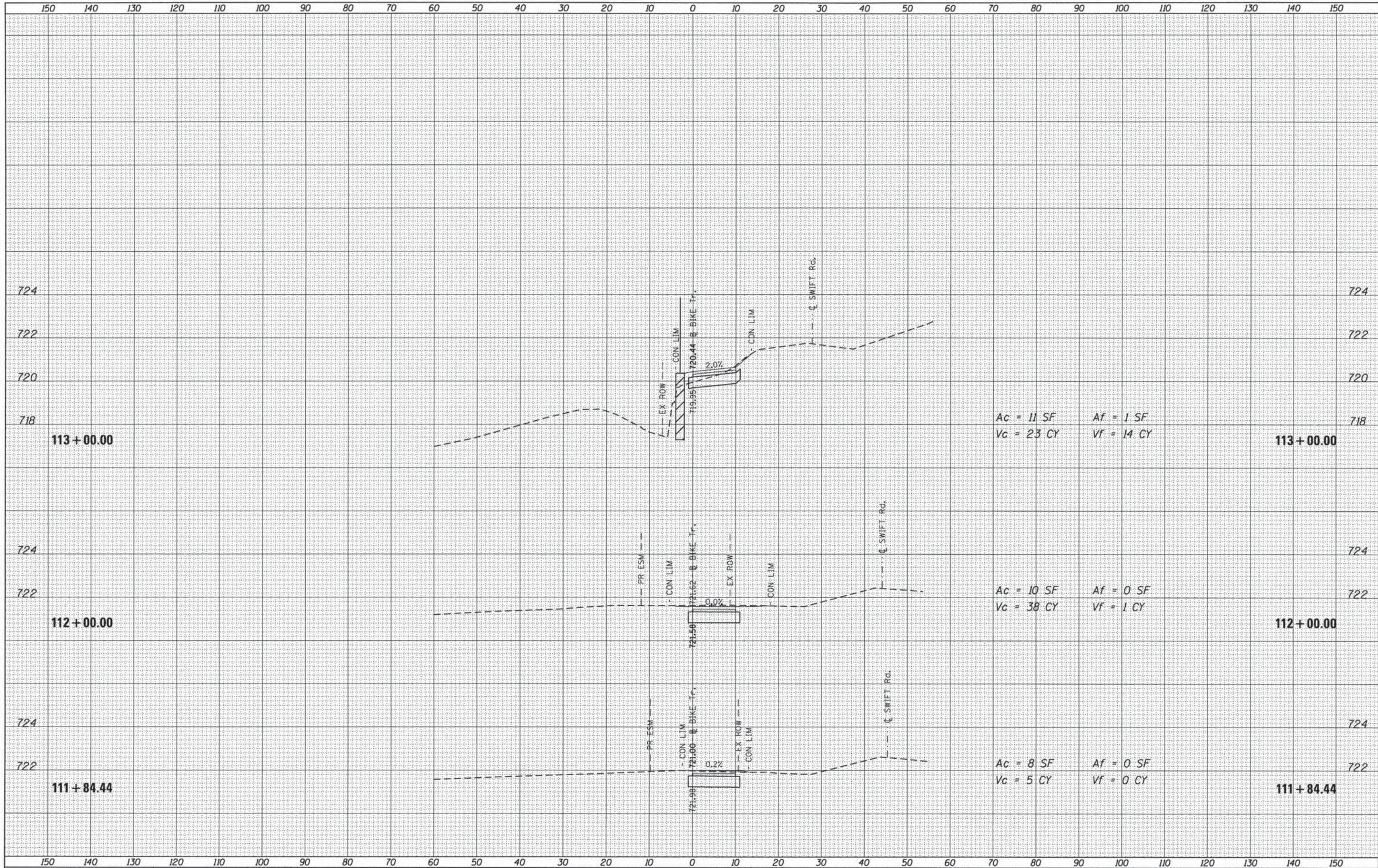
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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



DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = DIS17588-sh-t-xsh-t-modif.dgn

USER NAME = WEldringhoff  
 PLLOT SCALE = 20.0000' / in.  
 PLOT DATE = 5/29/2013

DESIGNED - GYS  
 DRAWN - WME  
 CHECKED - SAE  
 DATE - 05/13/2013

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

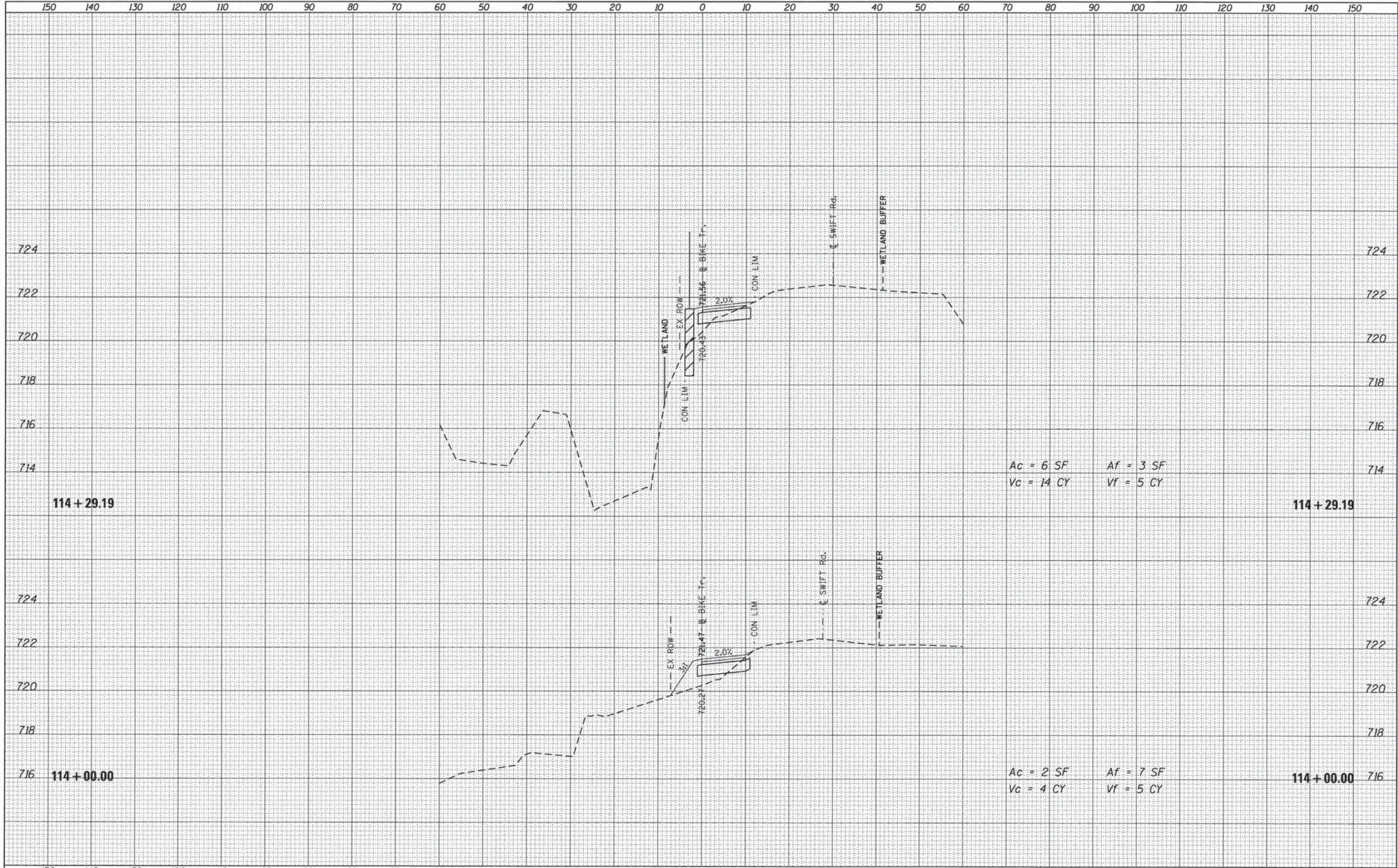
**GREENWAY TRAIL NORTH ALONG SWIFT ROAD  
 CROSS SECTIONS**

SCALE: H 1"=10' V 1"=2' SHEET OF SHEETS STA. 111+84.44 TO STA. 113+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00002-04-BT	DU PAGE	46	34
			CONTRACT NO. 63813	
ILLINOIS FED. AID PROJECT				

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

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

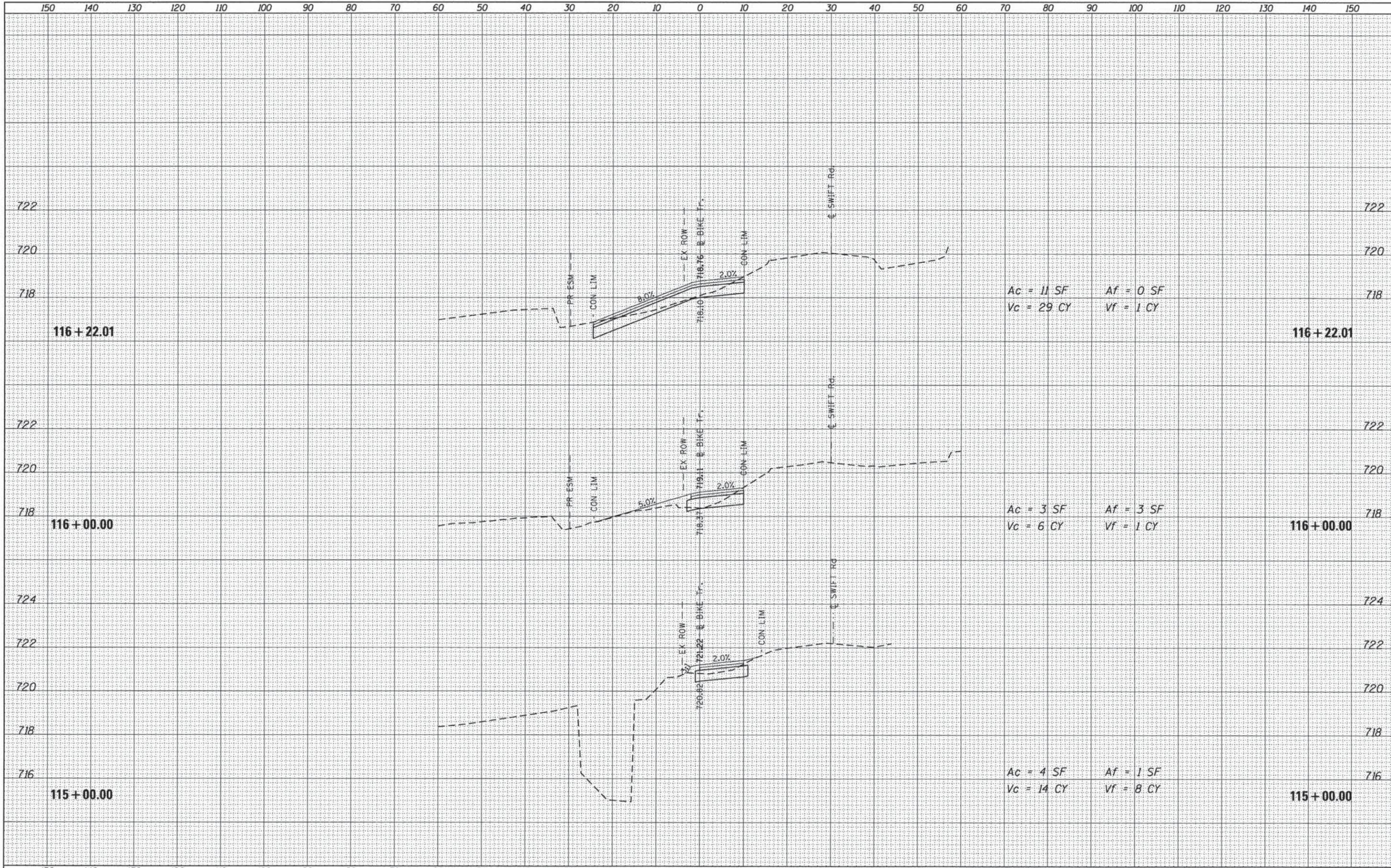


Ac = 6 SF      Af = 3 SF  
Vc = 14 CY      Vf = 5 CY

Ac = 2 SF      Af = 7 SF  
Vc = 4 CY      Vf = 5 CY

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



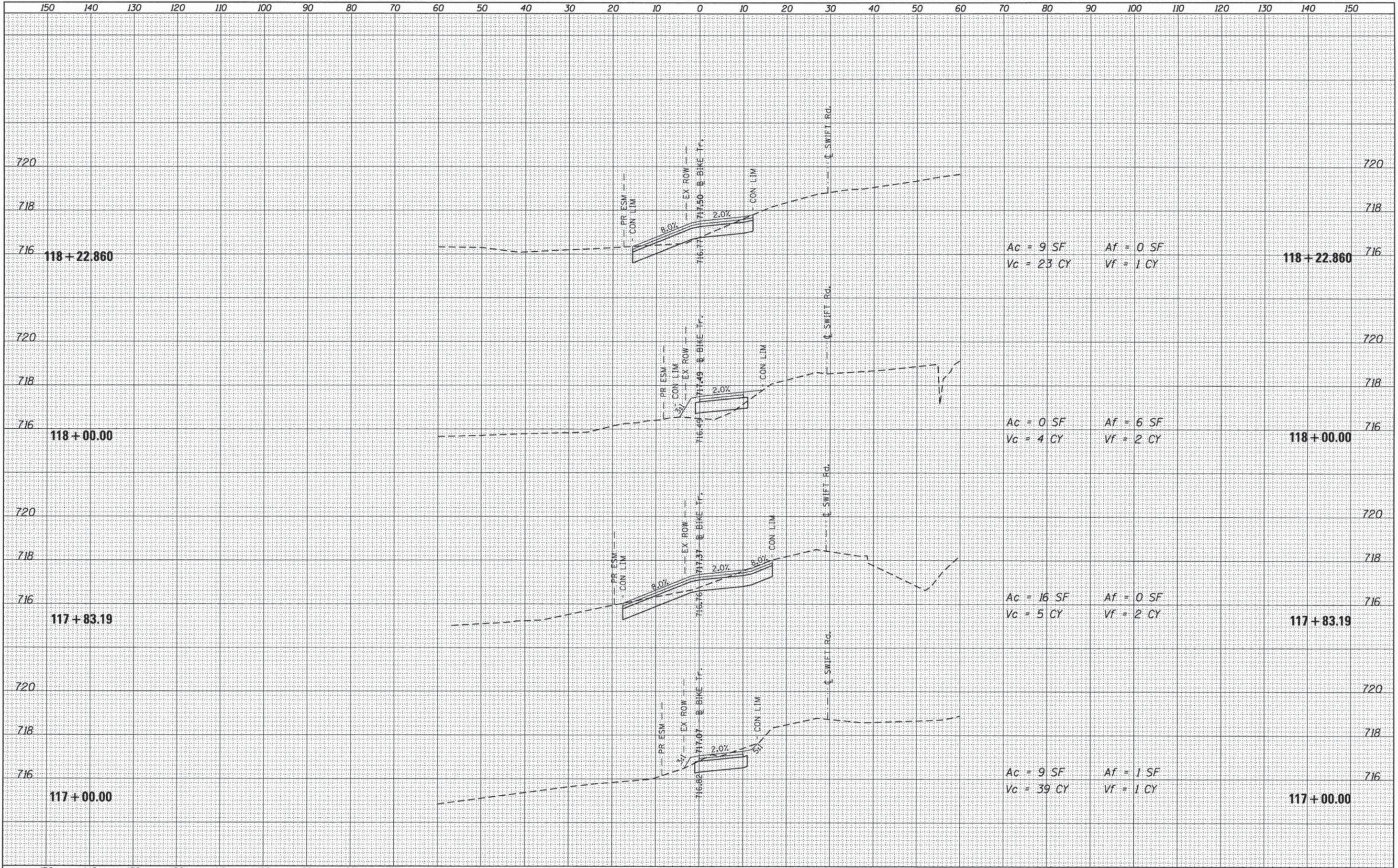
Ac = 11 SF    Af = 0 SF  
Vc = 29 CY    Vf = 1 CY

Ac = 3 SF    Af = 3 SF  
Vc = 6 CY    Vf = 1 CY

Ac = 4 SF    Af = 1 SF  
Vc = 14 CY    Vf = 8 CY

DATE	
BY	
SURVEYED	
PLOTTED	
REVISION DATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
REVISION DATE	
AREAS CHECKED	
NO.	



Ac = 9 SF Af = 0 SF  
Vc = 23 CY Vf = 1 CY

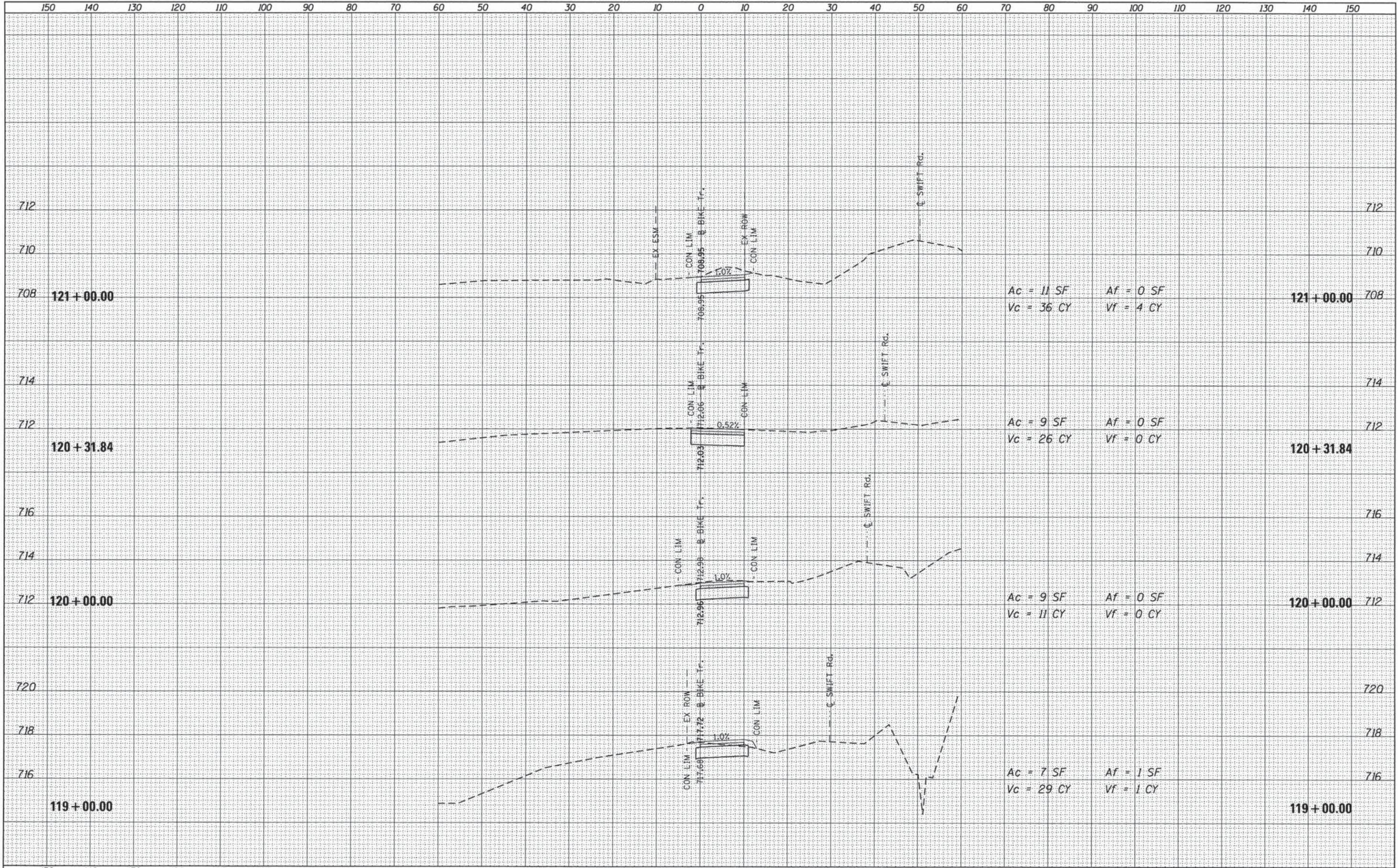
Ac = 0 SF Af = 6 SF  
Vc = 4 CY Vf = 2 CY

Ac = 16 SF Af = 0 SF  
Vc = 5 CY Vf = 2 CY

Ac = 9 SF Af = 1 SF  
Vc = 39 CY Vf = 1 CY

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = DIS17588-sht-xssht-modif.dgn	USER NAME = WEldringhoff	DESIGNED - GYS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GREENWAY TRAIL NORTH ALONG SWIFT ROAD</b> <b>CROSS SECTIONS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - WME	REVISED -		SCALE: H 1"=10' V 1"=2'	SHEET	OF	SHEETS	STA. 119+00.00	TO	STA. 121+00.00	DU PAGE	46	38
		CHECKED - SAE	REVISED -									CONTRACT NO. 63813		
		DATE - 05/13/2013	REVISED -									ILLINOIS FED. AID PROJECT		







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

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



Ac = 23 SF Af = 0 SF  
Vc = 37 CY Vf = 0 CY

Ac = 10 SF Af = 0 SF  
Vc = 23 CY Vf = 0 CY

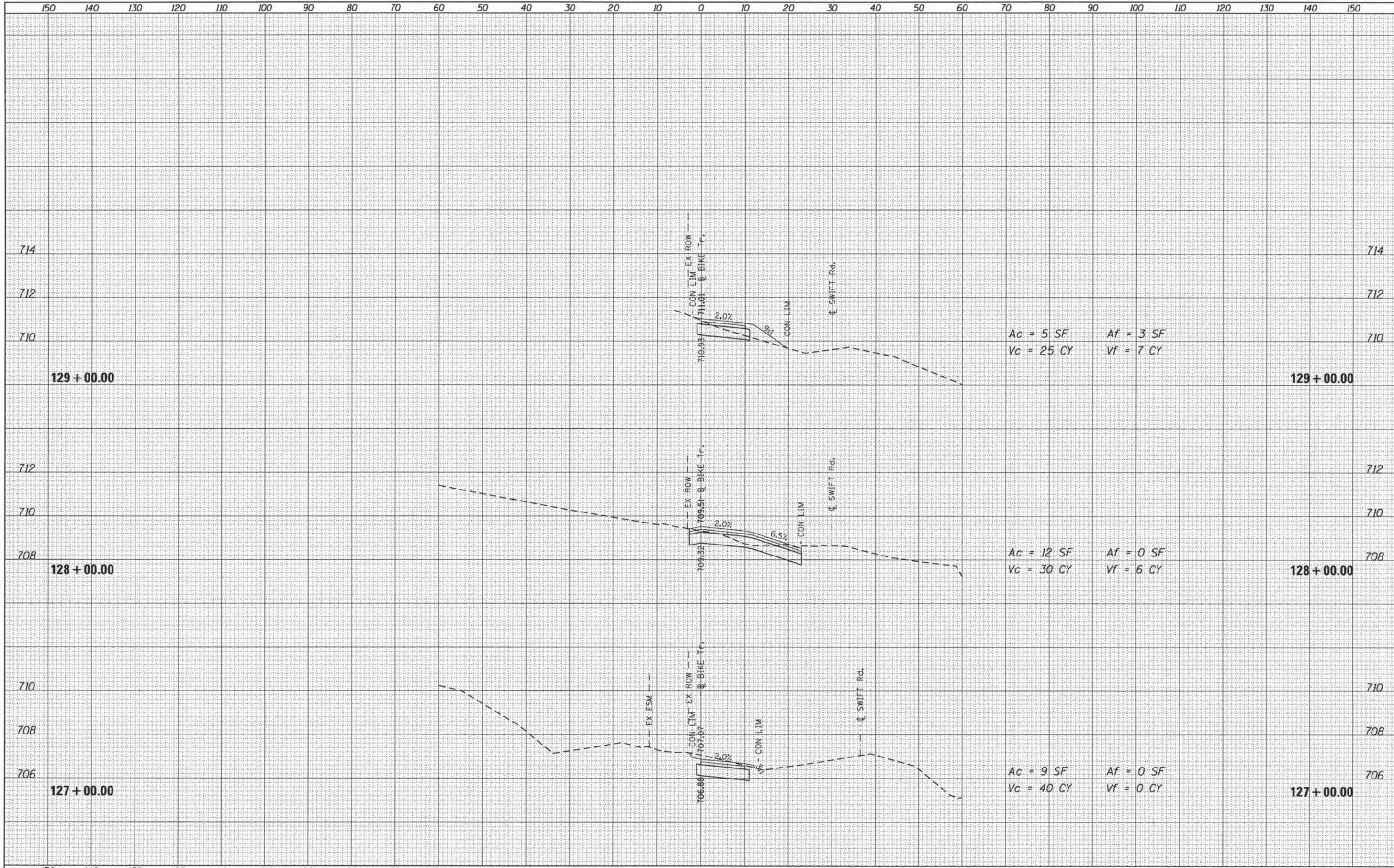
Ac = 12 SF Af = 0 SF  
Vc = 7 CY Vf = 0 CY

Ac = 18 SF Af = 0 SF  
Vc = 28 CY Vf = 0 CY

FILE NAME = D:\17500-shr-ssht-modif.dgn	USER NAME = WEIdringhoff	DESIGNED - GYS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GREENWAY TRAIL NORTH ALONG SWIFT ROAD</b> <b>CROSS SECTIONS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - WME	REVISED -		SCALE: H 1"=10' V 1"=2'				11-00002-04-BT	DU PAGE	46	41	
		CHECKED - SAE	REVISED -		SHEET OF SHEETS STA. 125+31.54 TO STA. 126+37.67				CONTRACT NO. 63813				
		DATE - 05/13/2013	REVISED -		ILLINOIS FED. AID PROJECT								

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

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



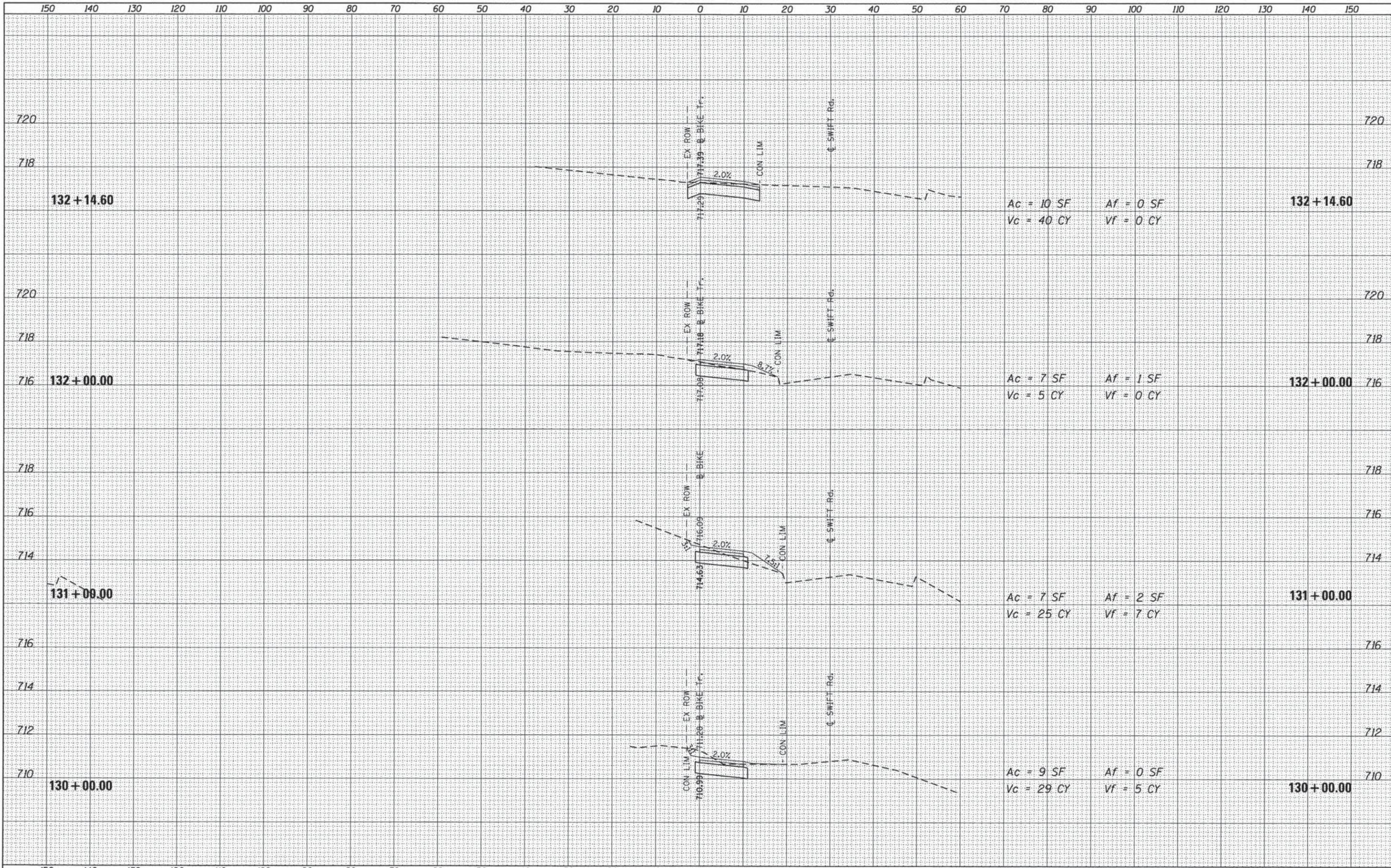
Ac = 5 SF Af = 3 SF  
Vc = 25 CY Vf = 7 CY

Ac = 12 SF Af = 0 SF  
Vc = 30 CY Vf = 6 CY

Ac = 9 SF Af = 0 SF  
Vc = 40 CY Vf = 0 CY

DATE	
BY	
FINAL SURVEY	
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLotted	
NOTE BOOK	
AREAS CHECKED	
NO.	

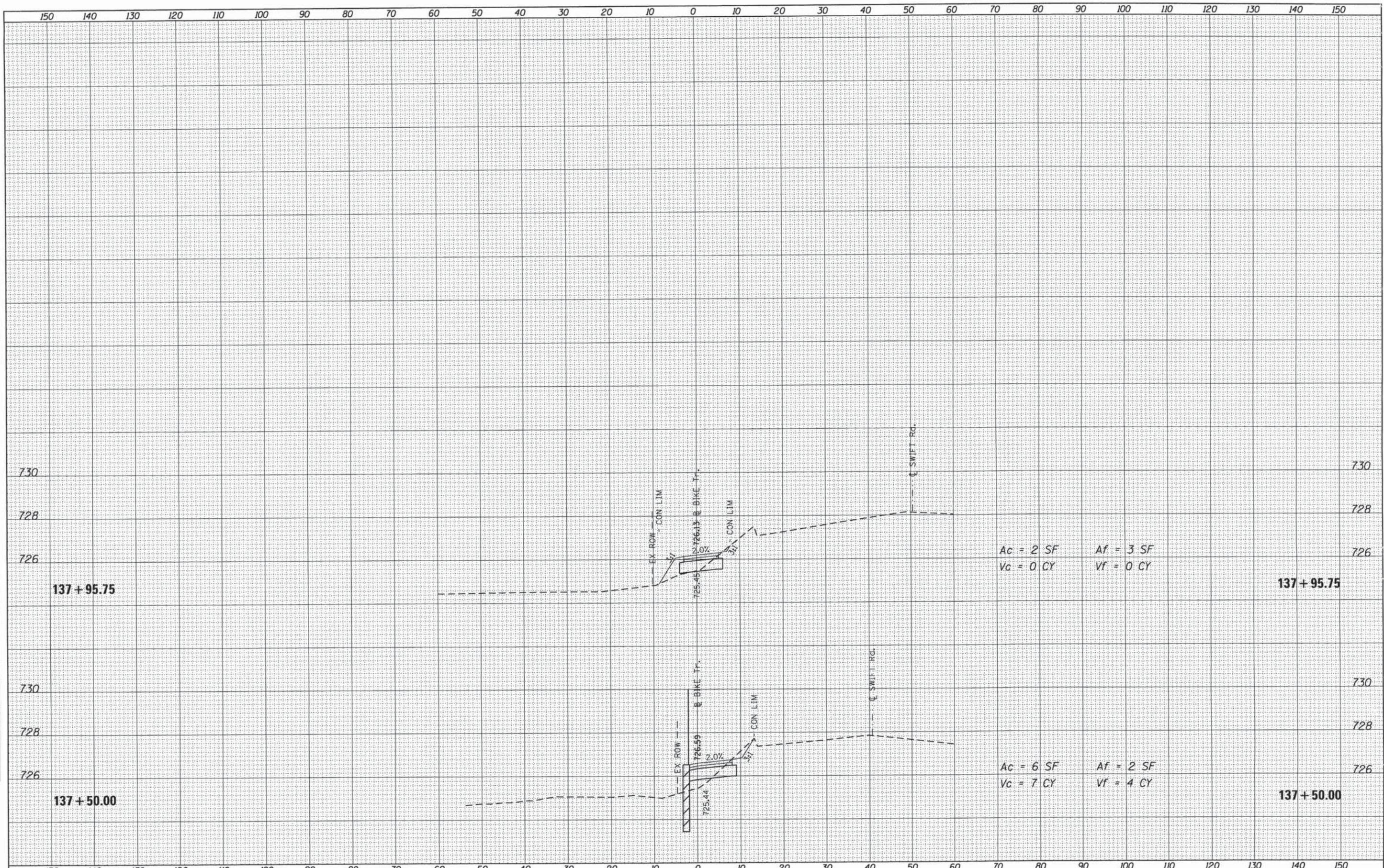






DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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



Ac = 2 SF  
Vc = 0 CY

Af = 3 SF  
Vf = 0 CY

Ac = 6 SF  
Vc = 7 CY

Af = 2 SF  
Vf = 4 CY