

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	1
		ILLINOIS	CONTRACT NO. 61G45	

FOR INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

11-06-2020 LETTING ITEM 108

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**FAP ROUTE 350 (IL 50 /CICERO AVENUE)
FROM STA 40.93 TO STA 41.56
POPLAR AVENUE BIKE TRAIL ALONG IL 50
SECTION: 18-00063-00-BT
PROJECT: 08G3(087)
VILLAGE OF RICHTON PARK
COOK COUNTY
C-91-153-20**

**FEDERAL AID PROGRAM MANAGER:
CARMEN E. RAMOS, P.E., SCHAUMBURG**



TRAFFIC DATA
IL ROUTE 50 (CICERO AVE.)
MAJOR ARTERIAL
POSTED SPEED = 45 MPH
DESIGN SPEED = 50 MPH
2017 ADT = 17,500
% H.V. = 3.0%

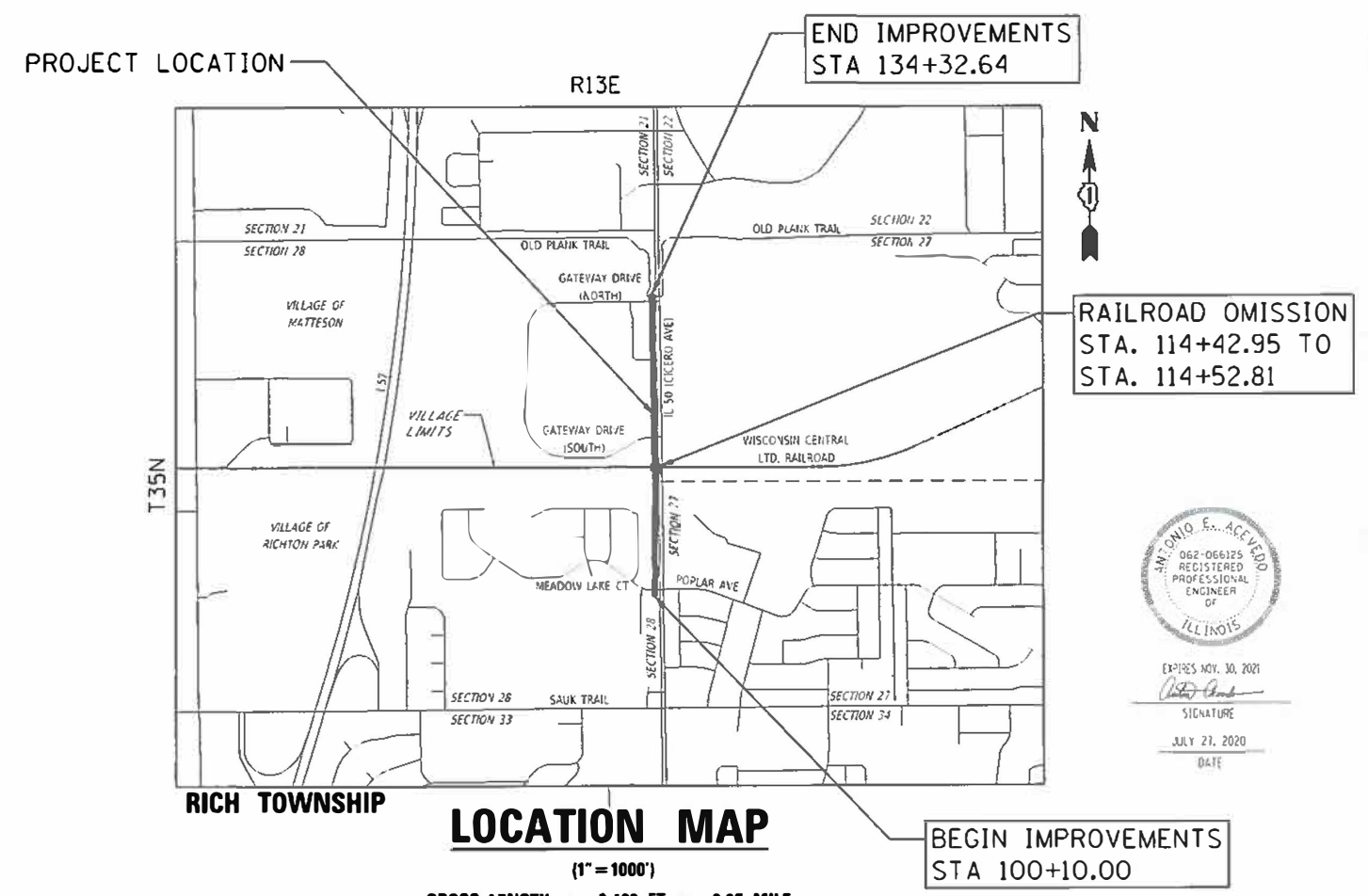


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER: ANA NINO FLORES
PROJECT MANAGER: ANTONIO ACEVEDO, P.E.**

CONTRACT NO. 61G45



ANTONIO ACEVEDO
062-066125
REGISTERED PROFESSIONAL ENGINEER
OF ILLINOIS
EXPIRES MAY. 30, 2021
Antonio Acevedo
SIGNATURE
JULY 27, 2020
DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *[Signature]*
VILLAGE OF RICHTON PARK PUBLIC WORKS DIRECTOR

PASSED *[Signature]*
AUG 27, 2020
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *[Signature]*
August 27, 2020
REGIONAL ENGINEER

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

ClarkDietz
DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 570 CHICAGO IL 60661
PHONE 312.648.9900 www.clarkdietz.com

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IDOT STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542546-01	FLUSH INLET BOX FOR MEDIAN
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-06	PRECAST MANHOLE, TYPE A, 4' (1.22m) DIAMETER
602416-08	PRECAST MANHOLE, TYPE A, 8' (2.44m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15 FT. (4.5m) TO 24 IN. (600mm) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15 FT. (4.5m) TO 24 IN. (600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 FT. (4.5m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
821101-02	LUMINAIRE WIRING IN POLE
836001-04	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS

IDOT DISTRICT ONE DETAILS

STANDARD NO.	DESCRIPTION
BD-7	DETAIL OF STORM SEWER CONNECTION TO EXISTING SYSTEM
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-36	FIRE HYDRANT TO BE MOVED
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE-305	LIGHT POLE FOUNDATION METAL
BE-702	MISC. ELECTRICAL DETAILS SHEET A
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-05b	STANDARD TRAFFIC SIGNAL DESIGN DETAILS - LOOP DETECTOR
TS-07	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

GENERAL NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING THE PROJECT.
- WHERE SECTION OR SUBSECTION MONUMENTS, BENCHMARKS, OR IRON PIPE MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN ILLINOIS REGISTERED LAND SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL HAVE AN ILLINOIS REGISTERED LAND SURVEYOR RE-ESTABLISH ALL MONUMENTS UNNECESSARILY DESTROYED BY HIS/HER OPERATIONS.
- THE FOLLOWING CODES AND STANDARDS, AS APPLICABLE, SHALL GOVERN CONSTRUCTION UNDER THIS CONTRACT:
 - STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2020 AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS.
 - STATE OF ILLINOIS, "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", LATEST EDITION AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SEWER AND WATER SPECIFICATIONS.
 - "MANUAL ON TRAFFIC CONTROL DEVICES", 2009 EDITION WITH REVISIONS 1 AND 2, AND THE "ILLINOIS SUPPLEMENT TO THE NATIONAL MANUAL ON TRAFFIC CONTROL DEVICES", 2009 EDITION WITH REVISION 1, AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE "MUTCD".
- THE CONTRACTOR SHALL NOTIFY ALL LOCAL UTILITY COMPANIES AND REQUEST FACILITIES BE LOCATED A MINIMUM OF SEVEN (7) CALENDAR DAYS PRIOR TO BEGINNING CONSTRUCTION. THE LOCAL UTILITY COMPANIES INCLUDE BUT ARE NOT LIMITED TO:

JULIE	800-892-0123
COMMONWEALTH EDISON	312-718-8391 - EMILY CRAVEN
AT&T CABLE	630-573-6414 - JANET AHERN
NICOR	630-388-3319 - CHARLES M. PARROTT
COMCAST	224-229-5862 - MARTHA GIERAS
ENBRIDGE ENERGY PARTNERS	219-765-5847 - RAY ALFORD
NATURAL GAS PIPELINE COMPANY OF AMERICA	713-420-4363 - MARK CAVAZOS
UNOCAL PIPELINE COMPANY	815-302-9052 - JIM ZISKA
VILLAGE OF RICHTON PARK	708-748-0200 - MICHAEL WEGRZYN
VILLAGE OF MATTESON	708-283-5422 - GORDON HARDIN
- THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION UNTIL THE UTILITY COMPANIES HAVE CONFIRMED THAT THEY HAVE MARKED ON THE GROUND, THE LOCATION OF THEIR FACILITIES INCLUDING BUT NOT LIMITED TO: UNDERGROUND PIPES, MAINS, CONDUITS, OR CABLES ADJOINING OR CROSSING PROPOSED CONSTRUCTION.
- UTILITIES SHOWN ON THE PLANS ARE FOR THE CONTRACTOR'S INFORMATION AND ONLY SHOW APPROXIMATE LOCATIONS. THE UTILITIES ARE LOCATED FROM THE INFORMATION PROVIDED BY THE UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL TYPES, SIZES, AND LOCATIONS OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL NOTIFY ENBRIDGE ENERGY PARTNERS, NATURAL GAS PIPELINE COMPANY OF AMERICA, NICOR GAS, AND UNOCAL PIPELINE COMPANY AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES ON THE EXISTING UTILITY EASEMENT BETWEEN STA 111+21 AND STA 114+05. A REPRESENTATIVE FROM EACH COMPANY MUST BE ON SITE DURING ANY CONSTRUCTION ACTIVITIES IN THIS AREA.
- PRIOR TO ANY EXCAVATION ON WISCONSIN CENTRAL LTD. RAILROAD PROPERTY THE CONTRACTOR SHALL HAVE A RAILROAD CABLE LOCATE COMPLETED BY WISCONSIN CENTRAL LTD. RAILROAD.
- IF A PERIOD OF TEN (10) CALENDAR DAYS ELAPSES BETWEEN THE PLACEMENT OF HOT-MIX ASPHALT TACK COAT AND THE PLACEMENT OF ANY HOT-MIX ASPHALT COURSE, THE CONTRACTOR MAY BE REQUIRED TO PLACE ANOTHER TACK COAT AT THE DIRECTION OF THE ENGINEER.
- ALL CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE COMPLETED PRIOR TO PLACING ANY HOT-MIX ASPHALT MATERIAL.
- ALL EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS THAT ARE ADJUSTED OR RECONSTRUCTED SHALL BE CLEANED AFTER CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT EXISTING STORM SEWERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING STORM SEWER PIPES DAMAGED DURING CONSTRUCTION.
- EXISTING UTILITY STRUCTURES LOCATED WITHIN THE PROPOSED SIDEWALK OR SHARED-USE PATH SHALL BE ADJUSTED TO BE FLUSH WITH THE FINISHED GRADE OF THE PROPOSED SIDEWALK OR SHARED-USE PATH. ALL ADJUSTED STRUCTURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE THE CONSTRUCTION OF THE CONCRETE SIDEWALK OR SHARED-USE PATH.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL FEATURES DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL STATE, OR BETTER. ALL RESTORATION WORK REQUIRED BEYOND THE SCOPE OF THE PLANS AND SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT DAMAGE ANY TREES OUTSIDE OF THE CONSTRUCTION LIMITS. SHOULD ANY TREES OUTSIDE OF THE CONSTRUCTION LIMITS BE DAMAGED OR DISTURBED BY THE CONTRACTOR'S ACTIVITIES, THE CONTRACTOR SHALL REPLACE THE TREES WITH MINIMUM 1 1/2" DIAMETER TREES AND AT A 2:1 RATIO.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL STREETS USED BY THE CONTRACTOR, SUB-CONTRACTORS, AND SUPPLIERS CLEAN AND FREE FROM ALL DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS, AND WILL BE REQUIRED TO CLEAN THEM AS IS NECESSARY IN ORDER TO MAINTAIN THEM IN A SAFE, DRIVABLE CONDITION. THE CONTRACTOR SHALL BE RESPONSIVE TO REQUESTS FROM THE ENGINEER, ENGINEER'S REPRESENTATIVE, DIRECTOR OF PUBLIC WORKS, OR ANY OFFICIAL OF THE OWNER TO PRACTICE GOOD HOUSEKEEPING THROUGHOUT THE DURATION OF THE PROJECT.
- ANY WORK IN THE VICINITY OF THE HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE "MUTCD" UNDER SECTION 6G.18 WORK IN THE VICINITY OF A GRADE CROSSING.
- CONTRACTOR SHALL NOT ENTER RAILROAD OMISSION (STA 114+42.95 TO STA 114+52.81) AND SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH WISCONSIN CENTRAL LTD. RAILROAD AT THIS LOCATION.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE WISCONSIN CENTRAL LTD. RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE A RAILROAD RIGHT-OF-ENTRY AGREEMENT AND RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE WISCONSIN CENTRAL LTD. RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THE RAILROAD CONTACT CAN BE REACHED AT 888-888-5909 AND THE STATE CONTACT CAN BE REACHED AT 217-782-0378. THE CROSSING INVENTORY NUMBER IS 260632Y.
- THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR FOR ARTERIALS AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN, AT PATRICE.HARRIS@ILLINOIS.GOV TWO WEEKS PRIOR TO PLACEMENT OF PAVEMENT MARKINGS.

COMMITMENTS

- THE EXISTING WETLANDS LOCATED DOWNSTREAM OF THE PROJECT AREA SHALL BE PROTECTED FROM CONSTRUCTION SEDIMENT AND INCREASED STORMWATER RUNOFF VELOCITIES.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHWAY STANDARDS, GENERAL NOTES
& COMMITMENTS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	2
CONTRACT NO. 61G45				
		ILLINOIS	FED. AID PROJECT	

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

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
# 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	126	126
# 20101100	TREE TRUNK PROTECTION	EACH	4	4
# 20101200	TREE ROOT PRUNING	EACH	4	4
20200100	EARTH EXCAVATION	CU YD	1837	1837
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	184	184
20800150	TRENCH BACKFILL	CU YD	208	208
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	5533	5533
# 25000310	SEEDING, CLASS 4	ACRE	0.1	0.1
# 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	68
# 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	68
# 25100115	MULCH, METHOD 2	ACRE	2	2
# 25100630	EROSION CONTROL BLANKET	SQ YD	110	110
# 25200110	SODDING, SALT TOLERANT	SQ YD	5423	5423
# 25200200	SUPPLEMENTAL WATERING	UNIT	81	81
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	112	112

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
28000400	PERIMETER EROSION BARRIER	FOOT	700	700
28000510	INLET FILTERS	EACH	39	39
28100101	STONE RIPRAP, CLASS A1	SQ YD	12	12
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	129	129
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	210	210
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3533	3533
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	102	102
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	20	20
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8217	8217
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	915	915
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	218	218
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	27	27
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	594	594
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2017	2017
42400800	DETECTABLE WARNINGS	SQ FT	273	273

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

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PLOT SCALE = 2.0000' / in.	CHECKED - RON	REVISED -
PLOT DATE = 8/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 3
CONTRACT NO. 61G45			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
44000100	PAVEMENT REMOVAL	SQ YD	899	899
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	366	366
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	303	303
44000600	SIDEWALK REMOVAL	SQ FT	8748	8748
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	151	151
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1
*# 50901760	PIPE HANDRAIL	FOOT	102	102
* 52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	460	460
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	3	3
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	311	311
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	102	102
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	138	138
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	10	10
55100300	STORM SEWER REMOVAL 8"	FOOT	19	19

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
55100500	STORM SEWER REMOVAL 12"	FOOT	11	11
55100700	STORM SEWER REMOVAL 15"	FOOT	25	25
55101200	STORM SEWER REMOVAL 24"	FOOT	22	22
*# 56400100	FIRE HYDRANTS TO BE MOVED	EACH	5	5
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1
* 60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	106	106
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1	1
60250200	CATCH BASINS TO BE ADJUSTED	EACH	11	11
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2	2

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 4
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	9	9
* 60403700	LIDS, TYPE 1, OPEN LID	EACH	12	12
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	94	94
* 60604300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	37	37
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	171	171
# 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1
63200310	GUARDRAIL REMOVAL	FOOT	190	190
*# 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	265	265
*# 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3
*# 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1
*# 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1
*# 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	30
* 67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
# 72000100	SIGN PANEL - TYPE 1	SQ FT	33	33

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
# 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2
# 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	14	14
# 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	77	77
# 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	123	123
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	369	369
# 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	316	316
# 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	42	42
# 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	368	368
# 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	608	608
# 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	55	55
# 84200804	REMOVAL OF POLE FOUNDATION	EACH	1	1
*# 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	1
*# 88600600	DETECTOR LOOP REPLACEMENT	FOOT	135	135
# A2002016	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
# A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

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PLOT DATE = 8/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	5
CONTRACT NO. 61G45			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
# B2000770	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5
# B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3
*# K0036120	MULCH PLACEMENT 4"	SQ YD	9	9
* X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	2	2
* X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2	2
* X0325608	GEOSYNTHETIC REINFORCEMENT	SQ YD	204	204
# * X0327758	RELOCATE EXISTING CONDUIT AND CABLES	FOOT	175	175
* X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	175	175
* X6020399	CONNECTION TO EXISTING MANHOLE	EACH	3	3
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52
* Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
* Z0051398	REMOVE EXISTING SIGN POST	EACH	1	1
Δ * Z0076600	TRAINEES	HOUR	500	500

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

Δ - 0042

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	TAP-L CMAP STE 70% FEDERAL 30% LOCAL 0021
Δ * Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

LEGEND: * - SPECIAL PROVISION ITEM, # - SPECIALITY ITEM

MODEL: Default
FILE NAME: P:\1030391_Richton Park - Poplar Bike Trail Phase 2\Plans\CADD_Sheets\00130391_Shp-06-SummaryofQuantities_04.dgn

USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
	DRAWN - AEA	REVISED -
PLOT SCALE = 2.0000" / in.	CHECKED - RON	REVISED -
PLOT DATE = 8/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 4	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 6
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

EARTHWORK ALONG SHARED USE PATH

STATION	END AREA		DIST.	AVERAGE OF END AREAS		INCREMENTAL VOLUMES		CUMULATIVE VOLUMES	
	sq. ft.	sq. ft.		sq. ft.	sq. ft.	cu. yd.	cu. yd.	cu. yd.	cu. yd.
	CUT	FILL	ft.	CUT	FILL	CUT	FILL	CUT	FILL
100+00.00	0.00	0.00							
100+10.00	14.26	0.00	10.00	7.13	0.00	2.64	0.00	2.64	0.00
100+30.00	13.06	1.80	20.00	13.66	0.90	10.12	0.67	12.76	0.67
100+50.00	0.00	0.00	20.00	6.53	0.90	4.84	0.67	17.59	1.34
100+77.88	0.01	0.00	27.88	0.01	0.00	0.01	0.00	17.60	1.34
101+00.00	0.00	0.00	22.12	0.01	0.00	0.00	0.00	17.60	1.34
101+35.00	3.49	39.41	35.00	1.74	19.70	2.26	25.54	19.86	26.88
101+50.00	2.02	43.31	15.00	2.75	41.36	1.53	22.98	21.39	49.85
102+00.00	3.47	33.55	50.00	2.75	38.43	5.09	71.17	26.48	121.02
102+50.00	0.65	49.09	50.00	2.06	41.32	3.82	76.52	30.30	197.54
102+55.19	0.61	43.37	5.19	0.83	46.23	0.12	8.89	30.42	206.43
102+62.00	1.22	50.47	6.81	0.91	46.92	0.23	11.83	30.65	218.26
102+67.00	1.11	60.28	5.00	1.16	55.38	0.22	10.25	30.87	228.52
102+74.38	1.14	22.72	7.38	1.13	41.50	0.31	11.34	31.17	239.86
103+00.00	1.26	39.33	25.62	1.20	31.03	1.14	29.44	32.31	269.30
103+50.00	2.51	28.09	50.00	1.89	33.71	3.49	62.43	35.81	331.73
104+00.00	15.60	1.97	50.00	9.06	15.03	16.77	27.83	52.58	359.56
104+40.00	28.06	0.00	40.00	21.83	0.99	32.34	1.46	84.92	361.03
104+50.00	27.95	0.00	10.00	28.00	0.00	10.37	0.00	95.29	361.03
105+00.00	19.79	3.62	50.00	23.87	1.81	44.20	3.35	139.50	364.37
105+50.00	19.68	0.00	50.00	19.74	1.81	36.55	3.35	176.04	367.72
106+00.00	13.15	1.17	50.00	16.42	0.59	30.40	1.08	206.44	368.80
106+50.00	8.80	0.45	50.00	10.97	0.81	20.32	1.50	226.76	370.30
106+86.00	11.55	0.43	36.00	10.18	0.44	13.57	0.59	240.33	370.89
107+00.00	11.42	0.82	14.00	11.49	0.63	5.96	0.32	246.28	371.22
107+50.00	9.39	1.97	50.00	10.40	1.39	19.26	2.58	265.55	373.79
108+00.00	17.92	1.13	50.00	13.65	1.55	25.28	2.86	290.83	376.66
108+50.00	23.03	0.05	50.00	20.47	0.59	37.91	1.09	328.74	377.75
109+00.00	19.17	0.48	50.00	21.10	0.27	39.07	0.49	367.81	378.24
109+28.25	12.46	0.35	28.25	15.81	0.42	16.54	0.43	384.36	378.68
109+43.25	9.57	0.00	15.00	11.01	0.18	6.12	0.10	390.47	378.78
109+50.00	10.37	3.98	6.75	9.97	1.99	2.49	0.50	392.96	379.27
110+00.00	4.43	11.30	50.00	7.40	7.64	13.70	14.14	406.67	393.42
110+50.00	3.64	17.98	50.00	4.03	14.64	7.47	27.11	414.14	420.52
111+00.00	8.93	12.99	50.00	6.28	15.48	11.63	28.67	425.77	449.19
111+50.00	22.22	25.31	29.06	15.57	19.15	28.84	35.46	454.61	484.65
111+79.06	24.49	23.11	20.94	23.35	24.21	25.13	26.06	479.75	510.71
112+00.00	24.90	21.72	20.94	24.70	22.41	19.15	17.38	498.90	528.09
112+50.00	27.28	20.00	50.00	26.09	20.86	48.31	38.62	547.21	566.71
113+00.00	21.00	38.38	50.00	24.14	29.19	44.70	54.06	591.91	620.77
113+52.00	23.81	52.92	52.00	22.40	45.65	43.15	87.92	635.06	708.69
113+67.00	24.00	58.37	15.00	23.91	55.64	13.28	30.91	648.34	739.61
113+80.80	23.26	62.19	13.80	23.63	60.28	12.08	30.81	660.41	770.42
114+04.89	39.05	131.52	24.09	31.15	96.86	27.79	86.42	688.21	856.83
114+11.00	38.29	116.26	6.11	38.67	123.89	8.75	28.04	696.96	884.87
114+26.00	8.47	23.75	15.00	23.38	70.00	12.99	38.89	709.95	923.76
114+42.00	0.00	0.00	18.00	4.24	11.87	2.51	7.04	712.46	930.80
114+47.93	0.00	0.00	5.93	0.00	0.00	0.00	0.00	712.46	930.80
114+52.03	0.00	0.00	4.10	0.00	0.00	0.00	0.00	712.46	930.80
114+70.00	23.40	0.00	17.97	11.70	0.00	7.79	0.00	720.25	930.80
114+92.03	1.59	20.75	22.03	12.50	10.38	10.20	8.47	730.44	939.26
115+00.00	1.48	46.63	7.97	1.54	33.69	0.45	9.95	730.90	949.21
115+36.80	1.07	24.10	36.80	1.27	35.37	1.74	48.20	732.63	997.41
115+50.00	1.93	13.60	13.20	1.50	18.85	0.73	9.22	733.37	1006.63
116+00.00	12.95	0.36	50.00	7.44	6.98	13.77	12.93	747.14	1019.55

EARTHWORK ALONG SHARED USE PATH

STATION	END AREA		DIST.	AVERAGE OF END AREAS		INCREMENTAL VOLUMES		CUMULATIVE VOLUMES	
	sq. ft.	sq. ft.		sq. ft.	sq. ft.	cu. yd.	cu. yd.	cu. yd.	cu. yd.
	CUT	FILL	ft.	CUT	FILL	CUT	FILL	CUT	FILL
116+00.00	12.95	0.36						747.14	1019.55
116+50.00	10.92	0.00	50.00	11.94	0.18	22.10	0.33	769.24	1019.89
117+00.00	5.89	0.03	50.00	8.41	0.02	15.56	0.03	784.81	1019.91
117+49.89	7.85	0.81	49.89	6.87	0.42	12.69	0.78	797.49	1020.69
118+00.00	0.00	0.00	50.11	3.92	0.41	7.28	0.75	804.77	1021.45
118+24.09	0.00	0.00	24.09	0.00	0.00	0.00	0.00	804.77	1021.45
118+50.00	0.00	0.00	25.91	0.00	0.00	0.00	0.00	804.77	1021.45
118+50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	804.77	1021.45
119+00.00	15.96	0.00	50.00	7.98	0.00	14.78	0.00	819.55	1021.45
119+50.00	18.90	0.00	50.00	17.43	0.00	32.28	0.00	851.83	1021.45
120+00.00	17.43	0.00	50.00	18.17	0.00	33.64	0.00	885.47	1021.45
120+50.00	16.74	0.00	50.00	17.09	0.00	31.65	0.00	917.12	1021.45
120+87.78	20.75	0.00	37.78	18.75	0.00	26.23	0.00	943.35	1021.45
121+00.00	22.84	0.00	12.22	21.79	0.00	9.86	0.00	953.21	1021.45
121+48.53	22.15	0.00	48.53	22.49	0.00	40.43	0.00	993.64	1021.45
122+00.00	20.58	0.00	51.47	21.36	0.00	40.72	0.00	1034.37	1021.45
122+48.55	22.80	0.00	48.55	21.69	0.00	39.00	0.00	1073.36	1021.45
123+00.00	17.73	0.00	51.45	20.26	0.00	38.61	0.00	1111.98	1021.45
123+48.15	15.39	0.00	48.15	16.56	0.00	29.53	0.00	1141.51	1021.45
124+00.00	13.72	0.00	51.85	14.56	0.00	27.95	0.00	1169.46	1021.45
124+48.04	12.07	0.00	48.04	12.90	0.00	22.95	0.00	1192.41	1021.45
125+00.00	9.57	0.00	51.96	10.82	0.00	20.83	0.00	1213.24	1021.45
125+48.55	12.20	0.00	48.55	10.89	0.00	19.57	0.00	1232.81	1021.45
126+00.00	16.10	0.00	51.45	14.15	0.00	26.96	0.00	1259.77	1021.45
126+47.77	14.21	0.00	47.77	15.15	0.00	26.81	0.00	1286.58	1021.45
127+00.00	0.00	0.00	52.23	7.10	0.00	13.74	0.00	1300.32	1021.45
127+08.75	0.00	0.00	8.75	0.00	0.00	0.00	0.00	1300.32	1021.45
127+53.60	12.82	0.00	44.85	6.41	0.00	10.65	0.00	1310.97	1021.45
128+00.00	9.56	0.00	46.40	11.19	0.00	19.23	0.00	1330.20	1021.45
128+53.11	5.58	0.74	53.11	7.57	0.37	14.89	0.73	1345.09	1022.18
129+00.00	15.34	0.00	46.89	10.46	0.37	18.16	0.64	1363.25	1022.82
129+51.84	14.18	0.05	51.84	14.76	0.03	28.34	0.05	1391.59	1022.87
129+62.64	10.96	0.00	10.80	12.57	0.03	5.03	0.01	1396.62	1022.88
130+00.00	17.82	0.00	37.36	14.39	0.00	19.91	0.00	1416.53	1022.88
130+55.23	15.39	0.00	55.23	16.61	0.00	33.97	0.00	1450.49	1022.88
131+00.00	13.58	0.00	44.77	14.49	0.00	24.02	0.00	1474.51	1022.88
131+53.56	8.81	0.00	53.56	11.19	0.00	22.20	0.00	1496.72	1022.88
132+00.00	11.66	0.00	46.44	10.23	0.00	17.60	0.00	1514.32	1022.88
132+39.14	12.29	0.00	39.14	11.97	0.00	17.36	0.00	1531.68	1022.88
132+50.00	12.10	0.00	10.86	12.19	0.00	4.90	0.00	1536.58	1022.88
133+00.00	18.42	0.00	50.00	15.26	0.00	28.26	0.00	1564.84	1022.88
133+19.02	20.53	0.00	19.02	19.48	0.00	13.72	0.00	1578.56	1022.88
133+50.00	0.00	0.00	30.98	10.27	0.00	11.78	0.00	1590.34	1022.88
133+68.76	0.00	0.00	18.76	0.00	0.00	0.00	0.00	1590.34	1022.88
134+00.00	0.00	0.00	31.24	0.00	0.00	0.00	0.00	1590.34	1022.88
134+18.37	22.76	0.00	18.37	11.38	0.00	7.74	0.00	1598.08	1022.88
134+32.61	35.94	0.00	14.24	29.35	0.00	15.48	0.00	1613.56	1022.88
134+49.99	0.00	0.00	17.38	17.97	0.00	11.57	0.00	1625.13	1022.88
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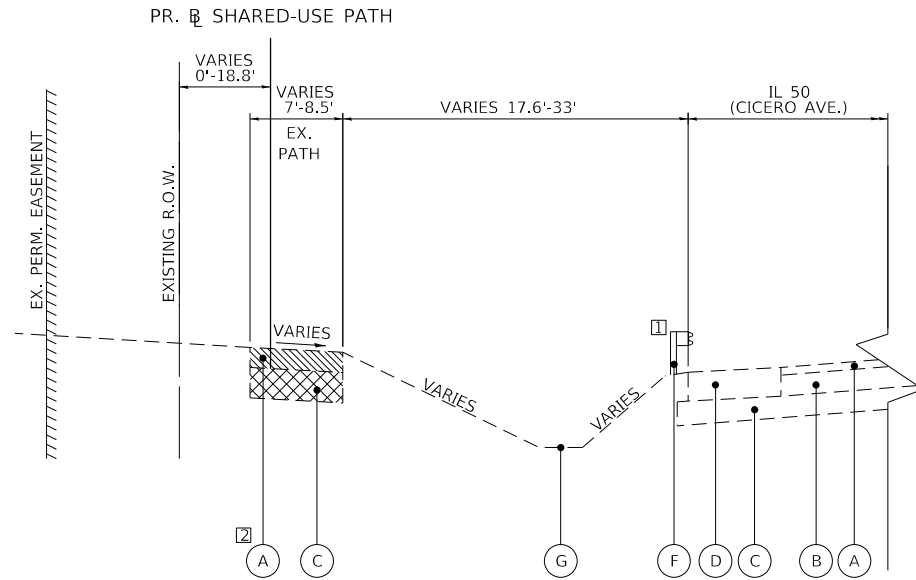
THEORETICAL VOLUMES
SHRINKAGE FACTOR
ADJUSTED VOLUME

EARTHWORK ALONG RAILROAD

STATION	END AREA		DIST.	AVERAGE OF END AREAS		INCREMENTAL VOLUMES		CUMULATIVE VOLUMES	
	sq. ft.	sq. ft.		sq. ft.	sq. ft.	cu. yd.	cu. yd.	cu. yd.	cu. yd.
	CUT	FILL	ft.	CUT	FILL	CUT	FILL	CUT	FILL
200+66.26	3.17	17.97							
200+75.00</									

EXISTING LEGEND

- (A) EX. BITUMINOUS SURFACE COURSE
- (B) EX. P.C.C. PAVEMENT
- (C) EX. SUBBASE GRANULAR MATERIAL
- (D) EX. HMA SHOULDER
- (E) EX. COMB. CONC. CURB & GUTTER
- (F) EX. GUARDRAIL
- (G) EX. DITCH
- (H) EX. CONC. SIDEWALK
- [Hatched Box] AREA OF HOT-MIX ASPHALT PAVEMENT REMOVAL
- [Cross-hatched Box] AREA OF SUBBASE GRANULAR MATERIAL REMOVAL (INCLUDED IN PAVEMENT REMOVAL)



EXISTING TYPICAL SECTION

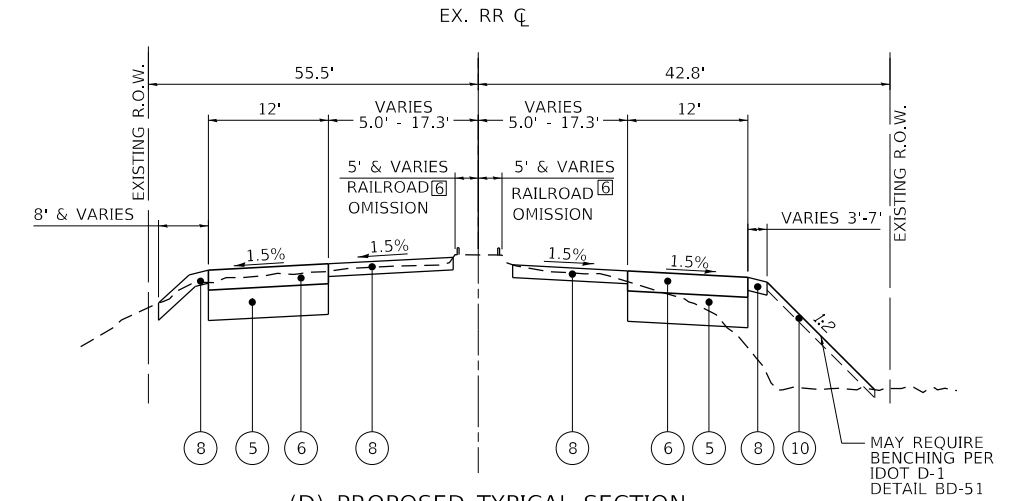
STA 100+10.00 TO STA 114+35.40
 STA 114+60.28 TO STA 115+42.21

NOTES:

- [1] EX. GUARDRAIL: STA 101+32.35 TO STA 103+42.42
 STA 109+25.44 TO STA 114+29.20
 STA 114+78.50 TO STA 116+16.00
- [2] EX. BIKE PATH: STA 100+10.00 TO STA 111+19.91
- [3] PR. TEMP./PERM EASEMENT: STA 114+04.55 TO STA 115+03.60
- [4] PR. GUARDRAIL: STA 113+78.50 TO STA 114+16.00
- [5] PR. SHARED-USE PATH PAVEMENT AT RR
 - 2" HMA SURFACE COURSE
 - 4" HMA BINDER COURSE
 - AGGREGATE SUBGRADE IMPROVEMENT 12"
 - AGGREGATE SHOULDERS, 4"
 (SEE PLAN FOR ADDITIONAL INFO) STA 114+04.55 TO STA 114+42.95
 STA 114+52.81 TO STA 115+03.47
- [6] RAILROAD OMISSION: THE CONTRACTOR SHALL NOT ENTER OMISSION WITHOUT WRITTEN APPROVAL OF THE WISCONSIN CENTRAL LTD. RAILROAD STA 114+42.95 TO STA 114+52.81

HMA MIXTURE REQUIREMENT CHART	
MIXTURE TYPE	PERCENT AIR VOIDS @ Ndes.
ROADWAY RESURFACING, 2"	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GR.
SHARED-USE PATH PAVEMENT, 3"	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (IN 2 LIFTS)	4% @ 50 GR.
SHARED-USE PATH PAVEMENT AT RAILROAD, 6"	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GR.

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY-IN.
2. THE "AC TYPE" SHALL BE PG 64-22 UNLESS MODIFIED BY SPECIAL PROVISION.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

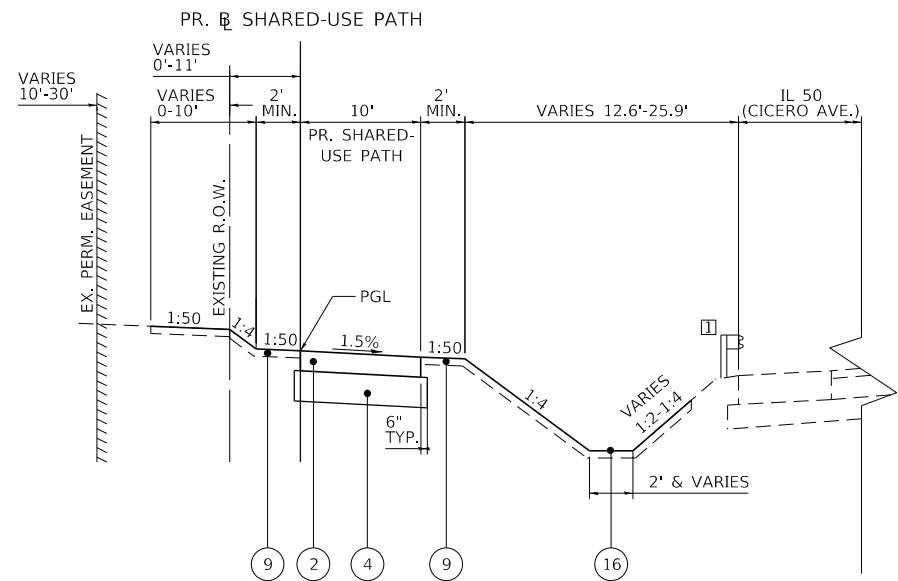


(D) PROPOSED TYPICAL SECTION

RAILROAD ACCESS ROADS
 STA 200+66.05 TO STA 201+14.19
 (SEE PLAN & PROFILE SHEETS FOR LOCATION)

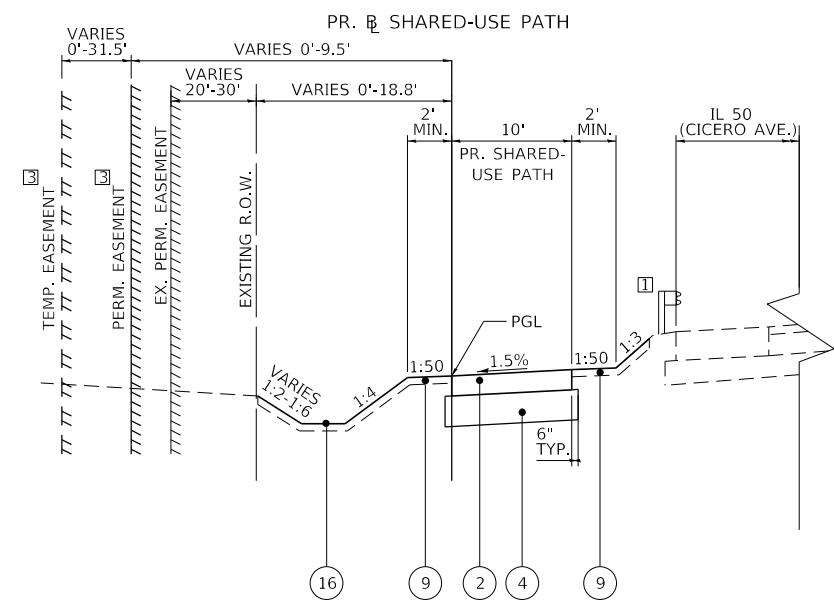
PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D," N50, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D," N50, 3"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- (4) AGGREGATE BASE COURSE, TYPE B 6"
- (5) AGGREGATE BASE COURSE, TYPE B 12"
- (6) AGGREGATE SURFACE COURSE, TYPE B 6"
- (7) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (8) AGGREGATE SHOULDERS, TYPE B 4"
- (9) TOPSOIL FURNISH AND PLACE, 6" AND SODDING, SALT TOLERANT
- (10) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 4
- (11) SEGMENTAL CONCRETE BLOCK WALL (SEE DETAIL ON SHEET 35)
- (12) PIPE UNDERDRAINS, TYPE 2, 4" (SEE DETAIL ON SHEET 35)
- (13) PEDESTRIAN RAILING (SEE DETAIL ON SHEET 35)
- (14) SELECT FILL & REINFORCEMENT (SEE DETAIL ON SHEET 35)
- (15) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (16) PR. DITCH (SEE PLAN & PROFILE SHEETS FOR PROPOSED DITCH PROFILES)



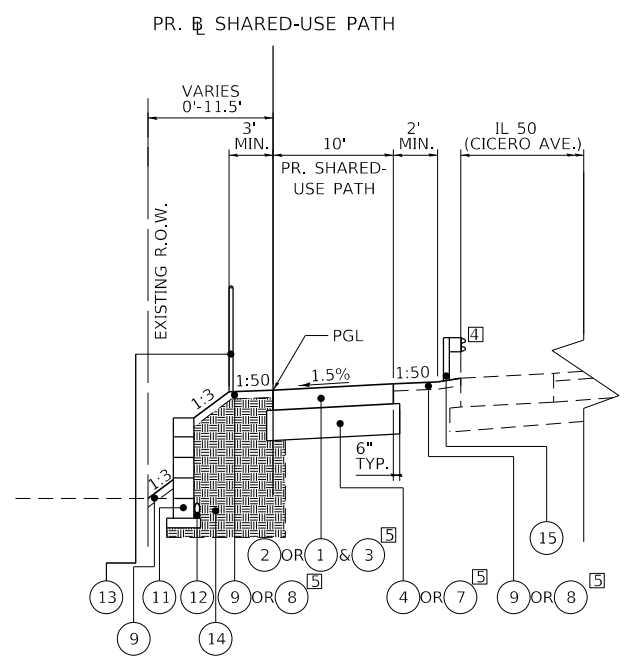
(A) PROPOSED TYPICAL SECTION

STA 100+10.00 TO STA 102+30.00
 STA 103+50.00 TO STA 110+15.00



(B) PROPOSED TYPICAL SECTION

STA 102+30.00 TO STA 103+50.00
 STA 110+15.00 TO STA 113+03.00
 STA 114+04.55 TO STA 114+42.95



(C) PROPOSED TYPICAL SECTION

STA 113+03.00 TO STA 114+04.55

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. 100+10.00 TO STA. 115+42.21

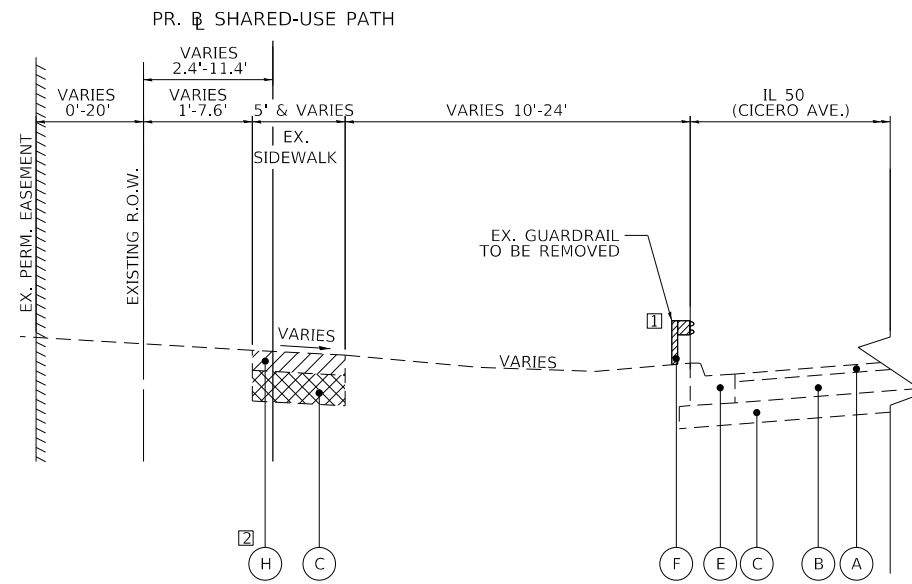
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	8
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p1\18-00063-00-BT\18-00063-00-BT-TYPICAL.dgn
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USER NAME	DESIGNED	REVISIONS
= User:AAcevedo	- AEA	-
	- ANF	-
PLOT SCALE = 40.0000' / in.	CHECKED - RON	REVISIONS -
PLOT DATE = 7/7/2020	DATE -	REVISIONS -

EXISTING LEGEND

- (A) EX. BITUMINOUS SURFACE COURSE
- (B) EX. P.C.C. PAVEMENT
- (C) EX. SUBBASE GRANULAR MATERIAL
- (D) EX. HMA SHOULDER
- (E) EX. COMB. CONC. CURB & GUTTER
- (F) EX. GUARDRAIL
- (G) EX. DITCH
- (H) EX. CONC. SIDEWALK
- [Hatched Box] AREA OF SIDEWALK REMOVAL
- [Cross-hatched Box] AREA OF SUBBASE GRANULAR MATERIAL REMOVAL (EARTH EXCAVATION)



EXISTING TYPICAL SECTION

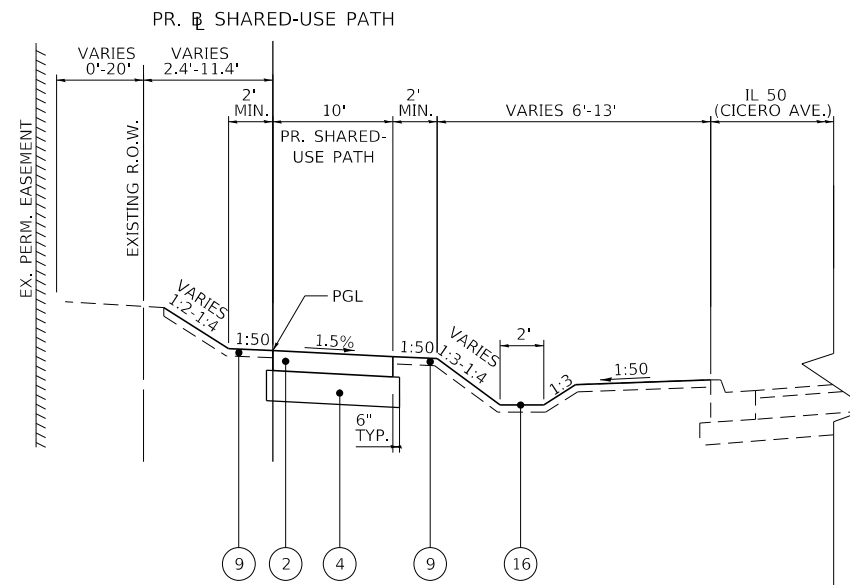
STA 115+42.21 TO STA 134+32.64

NOTES:

- [1] EX. GUARDRAIL: STA 115+42.21 TO STA 116+16.00
- [2] EX. CONC. SIDEWALK: STA 115+42.21 TO STA 134+32.64

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D," N50, 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D," N50, 3"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- (4) AGGREGATE BASE COURSE, TYPE B 6"
- (5) AGGREGATE BASE COURSE, TYPE B 12"
- (6) AGGREGATE SURFACE COURSE, TYPE B 6"
- (7) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (8) AGGREGATE SHOULDERS, TYPE B 4"
- (9) TOPSOIL FURNISH AND PLACE, 6" AND SODDING, SALT TOLERANT
- (10) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 4
- (11) SEGMENTAL CONCRETE BLOCK WALL (SEE DETAIL ON SHEET 35)
- (12) PIPE UNDERDRAINS, TYPE 2, 4" (SEE DETAIL ON SHEET 35)
- (13) PEDESTRIAN RAILING (SEE DETAIL ON SHEET 35)
- (14) WALL BACKFILL & REINFORCEMENT (SEE DETAIL ON SHEET 35)
- (15) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (16) PR. DITCH (SEE PLAN & PROFILE SHEETS FOR PROPOSED DITCH PROFILES)



(D) PROPOSED TYPICAL SECTION

STA 115+42.21 TO STA 134+32.64

MODEL: D:\dgn\18-00063-00-BT\18-00063-00-BT-TYPICAL.dgn

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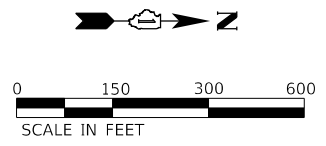
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

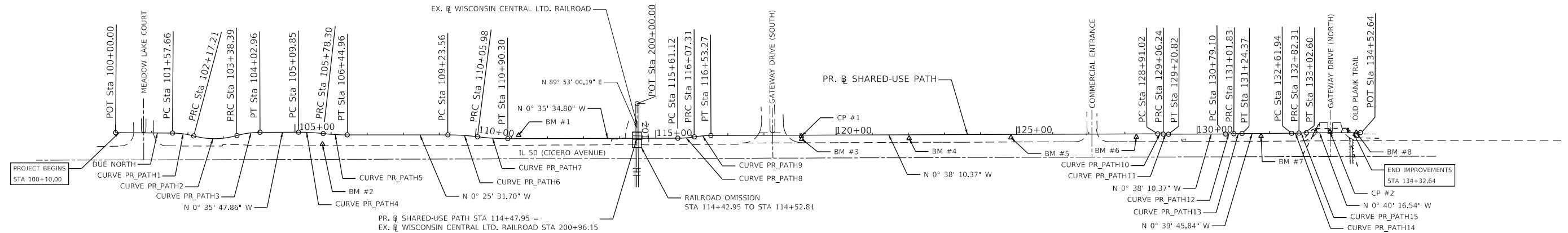
SCALE: NONE SHEET 2 OF 2 SHEETS STA. 115+42.21 TO STA. 134+32.64

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	9
CONTRACT NO. 61G45				
		ILLINOIS	FED. AID PROJECT	

PROP. CURVE PR_PATH1 PI STA. = 101+87.60 $\Delta = 14^\circ 31' 02''$ (RT) D = 24' 22' 52" R = 235.00' T = 29.93' L = 59.54' E = 1.90' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 101+57.66 P.T. STA. = 102+17.21	PROP. CURVE PR_PATH2 PI STA. = 102+79.30 $\Delta = 30^\circ 51' 29''$ (LT) D = 25' 27' 53" R = 225.00' T = 62.10' L = 121.18' E = 8.41' e = 1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 102+17.21 P.T. STA. = 103+38.39	PROP. CURVE PR_PATH3 PI STA. = 103+70.88 $\Delta = 15^\circ 44' 39''$ (RT) D = 24' 22' 52" R = 235.00' T = 32.49' L = 64.57' E = 2.24' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 103+38.39 P.T. STA. = 104+02.96	PROP. CURVE PR_PATH4 PI STA. = 105+44.11 $\Delta = 6^\circ 32' 11''$ (RT) D = 9' 32' 57" R = 600.00' T = 34.26' L = 68.45' E = 0.98' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 105+09.85 P.T. STA. = 105+78.30	PROP. CURVE PR_PATH5 PI STA. = 106+11.66 $\Delta = 6^\circ 21' 55''$ (LT) D = 9' 32' 57" R = 600.00' T = 33.36' L = 66.66' E = 0.93' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 105+78.30 P.T. STA. = 106+44.96	PROP. CURVE PR_PATH6 PI STA. = 109+64.83 $\Delta = 7^\circ 15' 54''$ (RT) D = 8' 48' 53" R = 650.00' T = 41.27' L = 82.42' E = 1.31' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 109+23.56 P.T. STA. = 110+05.98	PROP. CURVE PR_PATH7 PI STA. = 110+48.20 $\Delta = 7^\circ 25' 58''$ (LT) D = 8' 48' 53" R = 650.00' T = 42.22' L = 84.32' E = 1.37' e = 1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 110+05.98 P.T. STA. = 110+90.30	PROP. CURVE PR_PATH8 PI STA. = 115+84.26 $\Delta = 8^\circ 49' 17''$ (LT) D = 19' 05' 55" R = 300.00' T = 23.14' L = 46.19' E = 0.89' e = 1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 115+61.12 P.T. STA. = 116+07.31	PROP. CURVE PR_PATH9 PI STA. = 116+30.33 $\Delta = 8^\circ 46' 41''$ (RT) D = 19' 05' 55" R = 300.00' T = 23.03' L = 45.96' E = 0.88' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 116+07.31 P.T. STA. = 116+53.27	PROP. CURVE PR_PATH10 PI STA. = 128+98.63 $\Delta = 3^\circ 42' 44''$ (RT) D = 24' 22' 52" R = 235.00' T = 7.62' L = 15.23' E = 0.12' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 128+91.02 P.T. STA. = 129+06.24	PROP. CURVE PR_PATH11 PI STA. = 129+13.53 $\Delta = 3^\circ 42' 44''$ (LT) D = 25' 27' 53" R = 225.00' T = 7.29' L = 14.58' E = 0.12' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 129+06.24 P.T. STA. = 129+20.82	PROP. CURVE PR_PATH12 PI STA. = 130+90.47 $\Delta = 3^\circ 15' 20''$ (LT) D = 14' 19' 26" R = 400.00' T = 11.37' L = 22.73' E = 0.16' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 130+79.10 P.T. STA. = 131+01.83
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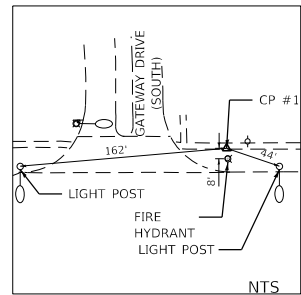
PROP. CURVE PR_PATH13 PI STA. = 131+13.10 $\Delta = 3^\circ 13' 44''$ (RT) D = 14' 19' 26" R = 400.00' T = 11.27' L = 22.54' E = 0.16' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 131+01.83 P.T. STA. = 131+24.37	PROP. CURVE PR_PATH14 PI STA. = 132+72.13 $\Delta = 2^\circ 55' 02''$ (LT) D = 14' 19' 26" R = 400.00' T = 10.18' L = 20.37' E = 0.13' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 132+61.94 P.T. STA. = 132+82.31	PROP. CURVE PR_PATH15 PI STA. = 132+92.46 $\Delta = 2^\circ 54' 31''$ (RT) D = 14' 19' 57" R = 399.76' T = 10.15' L = 20.29' E = 0.13' e = -1.50% T.R. = N/A S.E. RUN = N/A P.C. STA. = 132+82.31 P.T. STA. = 133+02.60
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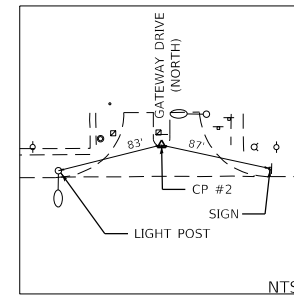
PROPOSED CENTERLINE CONTROL COORDINATE TABLE			
ALIGNMENT	DESCRIP. T.ION	LOCAL GROUND SYSTEM	
		NORTHING	EASTING
PR. SHARED-USE PATH	P.O.T. 100+00.00	1756513.2881	1148844.7280
	P.C. 101+57.66	1756670.9516	1148844.7280
	P.R.C. 102+17.21	1756729.8596	1148852.2310
	P.R.C. 103+38.39	1756849.5644	1148850.3260
	P.T. 104+02.96	1756913.2344	1148840.8461
	P.C. 105+09.85	1757020.1185	1148839.7330
	P.R.C. 105+78.30	1757088.4571	1148842.9219
	P.T. 106+44.96	1757155.0034	1148846.1267
	P.C. 109+23.56	1757433.5978	1148844.0579
	P.R.C. 110+05.98	1757515.8337	1148848.6658
	P.T. 110+90.30	1757599.9702	1148853.2568
	P.C. 115+61.12	1758070.7616	1148848.3840
	P.R.C. 116+07.31	1758116.7283	1148844.3595
	P.T. 116+53.27	1758162.4687	1148840.3374
	P.C. 128+91.02	1759400.1403	1148826.5937
	P.R.C. 129+06.24	1759415.3599	1148826.9178
	P.T. 129+20.82	1759429.9318	1148827.2281
	P.C. 130+79.10	1759588.2021	1148825.4706
	P.R.C. 131+01.83	1759610.9088	1148824.5729
	P.T. 131+24.37	1759633.4305	1148823.6773
	P.C. 132+61.94	1759770.9931	1148822.0861
P.R.C. 132+82.31	1759791.3425	1148821.3323	
P.T. 133+02.60	1759811.6200	1148820.5797	
P.O.T. 134+52.64	1759961.6477	1148818.8220	

BENCHMARK COORDINATE TABLE				
BENCHMARK	ELEVATION	LOCAL GROUND SYSTEM		DESCRIPTION
		NORTHING	EASTING	
1	716.01	1757629.8803	1148843.5200	RAILROAD SPIKE IN SOUTH FACE OF 3RD UTILITY POLE SOUTH OF RAILROAD, WEST RIGHT OF WAY OF S. CICERO AVENUE
2	713.78	1757086.6950	1148872.4700	NORTHWEST BOLT ON 3RD LIGHT POLE BASE NORTH OF MEADOW LANE, WEST RIGHT OF WAY OF S. CICERO AVENUE
3	714.18	1758413.8432	1148848.3170	WEST NORTHWEST BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF S. CICERO AVENUE AND GATEWAY DRIVE SOUTH ENTRANCE
4	712.26	1758711.5481	1148844.0674	WEST NORTHWEST BOLT ON 2ND FIRE HYDRANT NORTH OF GATEWAY DRIVE SOUTH ENTRANCE, WEST RIGHT OF WAY OF S. CICERO AVENUE
5	712.48	1758993.5121	1148839.8391	WEST NORTHWEST BOLT ON 3RD FIRE HYDRANT NORTH OF GATEWAY DRIVE SOUTH ENTRANCE, WEST RIGHT OF WAY OF S. CICERO AVENUE
6	712.29	1759341.0480	1148835.5454	WEST NORTHWEST BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF THE COMMERCIAL ENTRANCE AND S. CICERO AVENUE
7	711.61	1759686.3281	1148831.0411	WEST NORTHWEST BOLT ON 1ST FIRE HYDRANT NORTH OF GATEWAY DRIVE NORTH ENTRANCE, WEST RIGHT OF WAY OF S. CICERO AVENUE
8	712.05	1759949.9790	1148818.5810	WEST NORTHWEST BOLT ON FIRE HYDRANT AT THE NORTHWEST CORNER OF GATEWAY DRIVE NORTH ENTRANCE AND S. CICERO AVENUE

- NOTES:
- TIES SHOWN ARE DERIVED FROM THE SURVEY CAD MODEL AND ARE INTENDED TO AID IN FIELD LOCATION OF SET CONTROL POINTS, WHICH ARE NOT TO BE RESET USING THESE TIES. PROPER SURVEY PROCEDURES SHALL BE USED TO SET ANY CENTERLINE CONTROL POINTS.
 - THE HORIZONTAL COORDINATE SYSTEM IS BASED ON GPS BASE STATION "NAD_1983_STATEPLANE_ILLINOIS_EAST_FIPS_1201_FEET".
 - REFERENCE BENCHMARK: COOK COUNTY NGS MONUMENT ME1935 BENCHMARK DISK LOCATED 56' NORTH OF THE CENTERLINE OF VOLLMER ROAD, IMMEDIATELY NORTH OF A CHAIN LINK FENCE, 1' WEST-NORTHWEST OF METAL WITNESS POST
 - DATUM: NAVD88
ELEVATION = 691.70



CONTROL POINT #1
CROSS CUT ON SIDEWALK
STA 119+03.66 (PR. SHARED-USE PATH)
N. 1758412.8690
E. 1148840.0880



CONTROL POINT #2
CROSS CUT ON TOP OF CURB
STA 133+68.62 (PR. SHARED-USE PATH)
N. 1759877.6040
E. 1148817.4660

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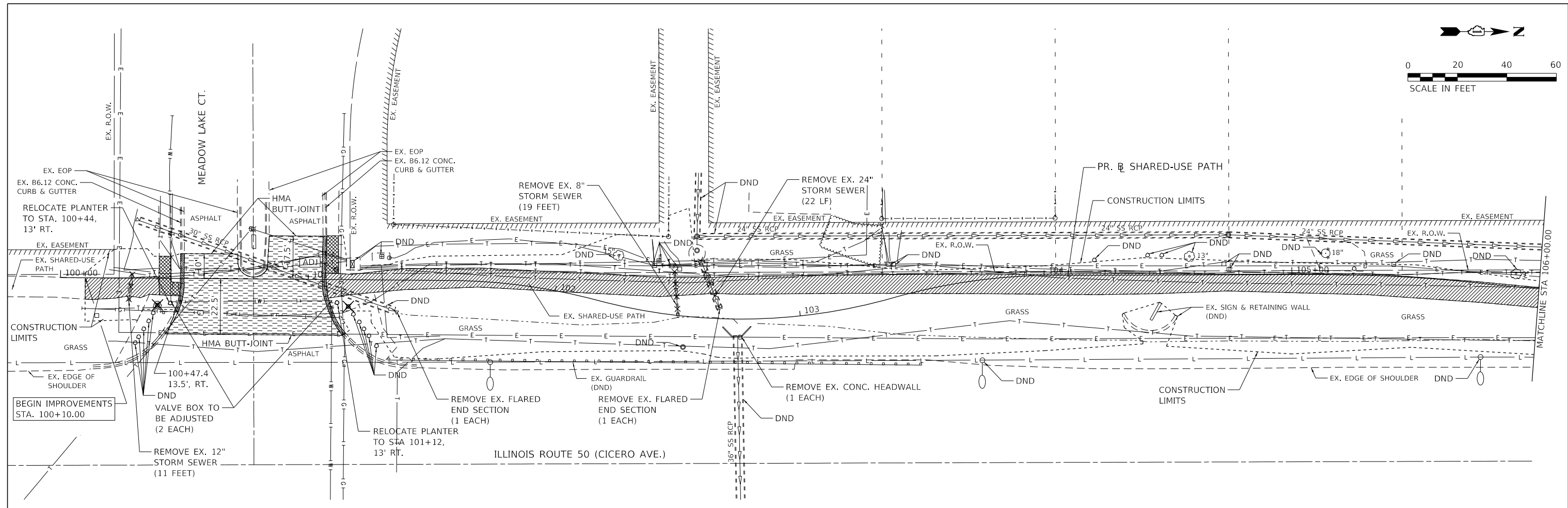
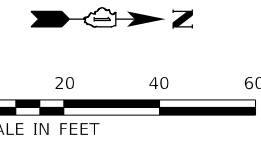
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 150' SHEET 1 OF 1 SHEETS STA. 100+10.00 TO STA. 134+32.64

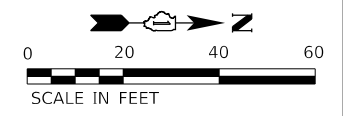
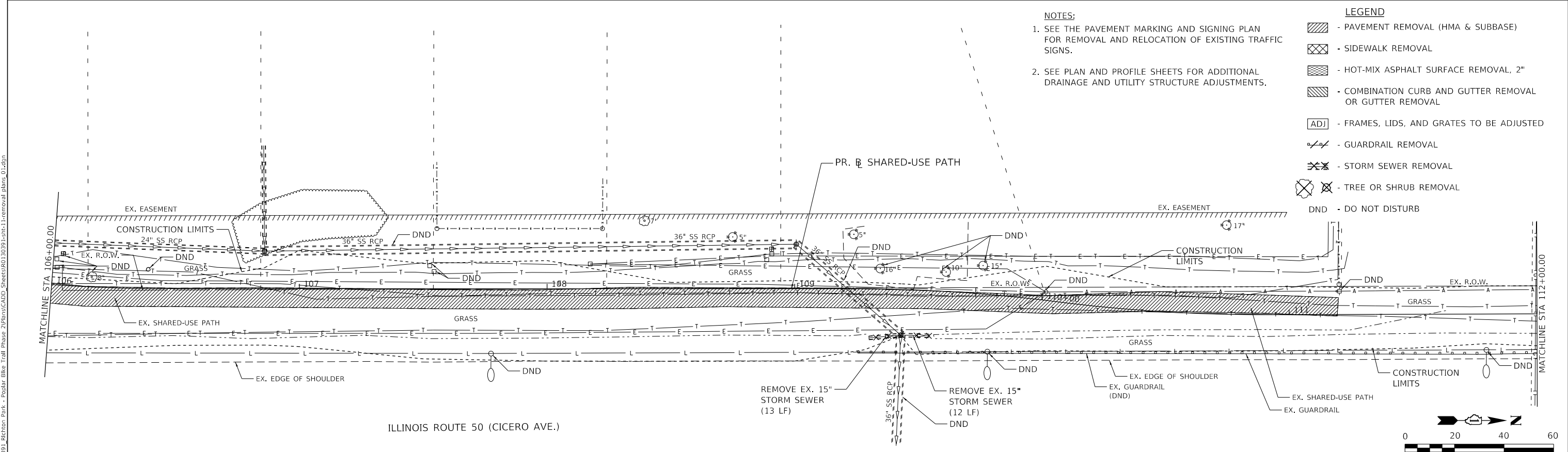
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	10
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- SEE THE PAVEMENT MARKING AND SIGNING PLAN FOR REMOVAL AND RELOCATION OF EXISTING TRAFFIC SIGNS.
 - SEE PLAN AND PROFILE SHEETS FOR ADDITIONAL DRAINAGE AND UTILITY STRUCTURE ADJUSTMENTS.

LEGEND

	- PAVEMENT REMOVAL (HMA & SUBBASE)
	- SIDEWALK REMOVAL
	- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
	- COMBINATION CURB AND GUTTER REMOVAL OR GUTTER REMOVAL
	- FRAMES, LIDS, AND GRATES TO BE ADJUSTED
	- GUARDRAIL REMOVAL
	- STORM SEWER REMOVAL
	- TREE OR SHRUB REMOVAL
	- DO NOT DISTURB



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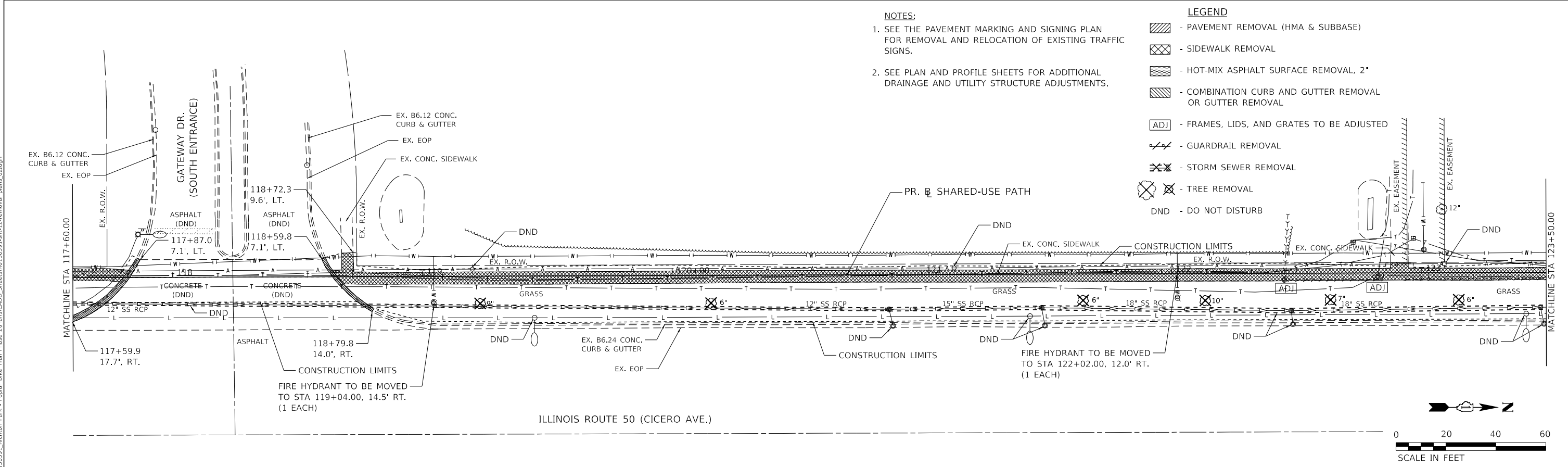
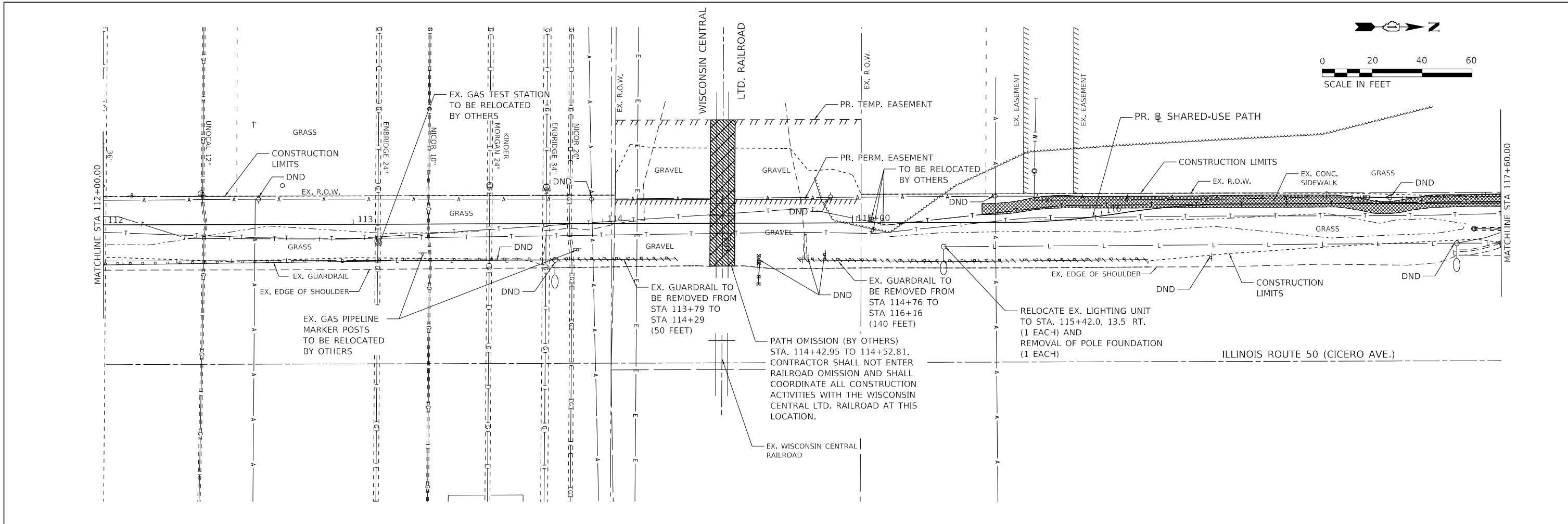
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DRAWN - ANF	REVISIONS -	
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PLOT DATE = 9/1/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL & RELOCATION PLAN

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 100+00.00 TO STA. 112+00.00

F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 11
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- SEE THE PAVEMENT MARKING AND SIGNING PLAN FOR REMOVAL AND RELOCATION OF EXISTING TRAFFIC SIGNS.
 - SEE PLAN AND PROFILE SHEETS FOR ADDITIONAL DRAINAGE AND UTILITY STRUCTURE ADJUSTMENTS.

- LEGEND**
- [Hatched Box] - PAVEMENT REMOVAL (HMA & SUBBASE)
 - [Cross-hatched Box] - SIDEWALK REMOVAL
 - [Diagonal Hatched Box] - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - [Diagonal Hatched Box] - COMBINATION CURB AND GUTTER REMOVAL OR GUTTER REMOVAL
 - [ADJ] - FRAMES, LIDS, AND GRATES TO BE ADJUSTED
 - [Guardrail Symbol] - GUARDRAIL REMOVAL
 - [Storm Sewer Symbol] - STORM SEWER REMOVAL
 - [Tree Symbol] - TREE REMOVAL
 - DND - DO NOT DISTURB

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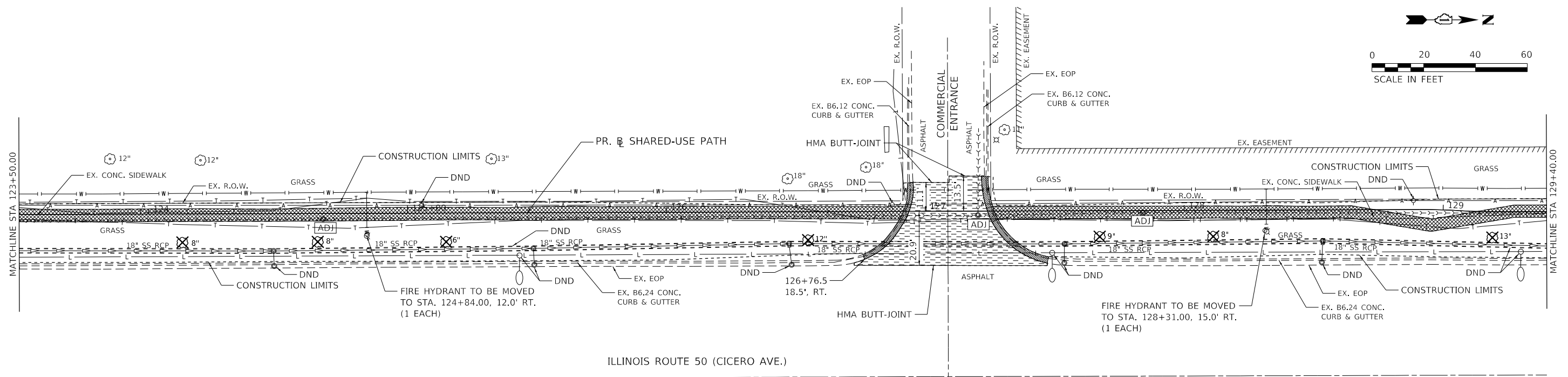
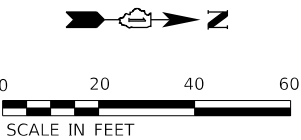
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PLOT DATE = 9/1/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL & RELOCATION PLAN

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 112+00.00 TO STA. 123+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	12
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

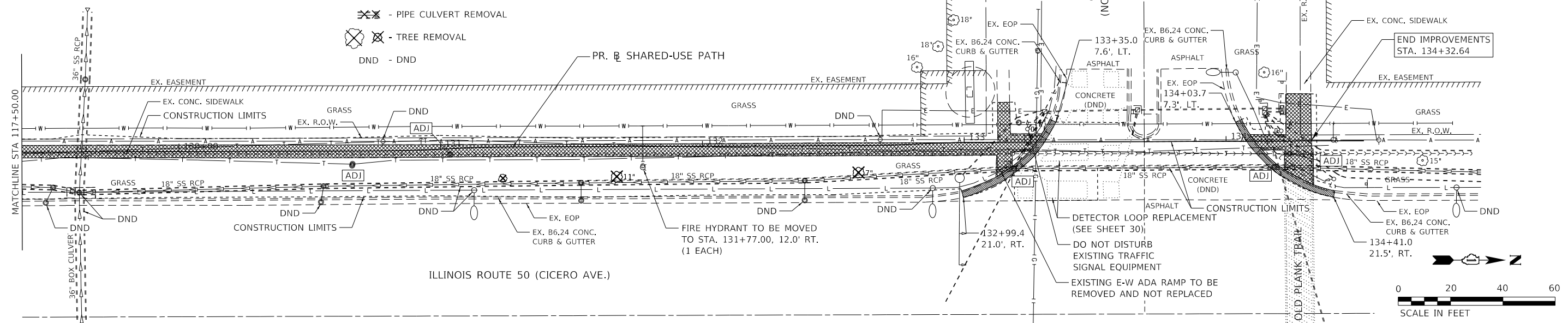


LEGEND

- PAVEMENT REMOVAL (HMA & SUBBASE)
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- COMBINATION CURB AND GUTTER REMOVAL OR GUTTER REMOVAL
- FRAMES, LIDS, AND GRATES TO BE ADJUSTED
- GUARDRAIL REMOVAL
- PIPE CULVERT REMOVAL
- TREE REMOVAL
- DND - DND

NOTES:

- SEE THE PAVEMENT MARKING AND SIGNING PLAN FOR REMOVAL AND RELOCATION OF EXISTING TRAFFIC SIGNS.
- SEE PLAN AND PROFILE SHEETS FOR ADDITIONAL DRAINAGE AND UTILITY STRUCTURE ADJUSTMENTS.
- SEE TRAFFIC SIGNAL PLAN FOR PROPOSED LOCATIONS OF DETECTOR LOOP REPLACEMENT



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PLOT SCALE = 40.0000' / in.	DRAWN - ANF	REVISED -
PLOT DATE = 9/1/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL & RELOCATION PLAN

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 123+50.00 TO STA. 134+32.64

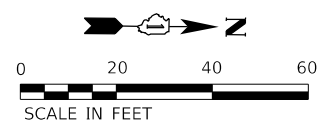
F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 13
ILLINOIS FED. AID PROJECT				CONTRACT NO. 61G45

- ① 16' - 15" STORM SEW CL. A, TY-1 @ 0.81%
T.B.F = 1.1 CU. YD.
- ② 20' - 30" STORM SEW CL. A, TY-1 @ 4.90%
T.B.F = 8.3 CU. YD.
- ③ 98' - 30" STORM SEW CL. A, TY-1 @ 3.48%
T.B.F = 36.3 CU. YD.
- ④ 20' - 30" STORM SEW CL. A, TY-1 @ 0.40%
T.B.F = 14.3 CU. YD.
- ⑤ 10' - 36" STORM SEW CL. A, TY-1 @ 0.00%
T.B.F = 6.7 CU. YD.

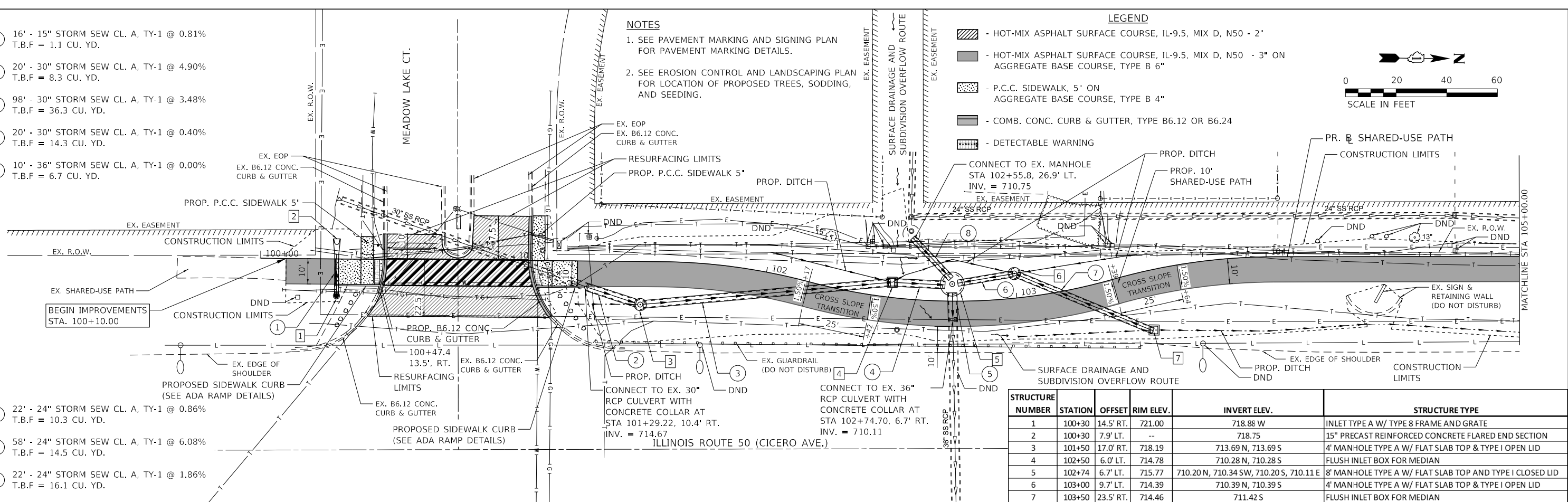
NOTES

- SEE PAVEMENT MARKING AND SIGNING PLAN FOR PAVEMENT MARKING DETAILS.
- SEE EROSION CONTROL AND LANDSCAPING PLAN FOR LOCATION OF PROPOSED TREES, SODDING, AND SEEDING.

- LEGEND**
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 - 2"
 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 - 3" ON AGGREGATE BASE COURSE, TYPE B 6"
 - P.C.C. SIDEWALK, 5" ON AGGREGATE BASE COURSE, TYPE B 4"
 - COMB. CONC. CURB & GUTTER, TYPE B6.12 OR B6.24
 - DETECTABLE WARNING

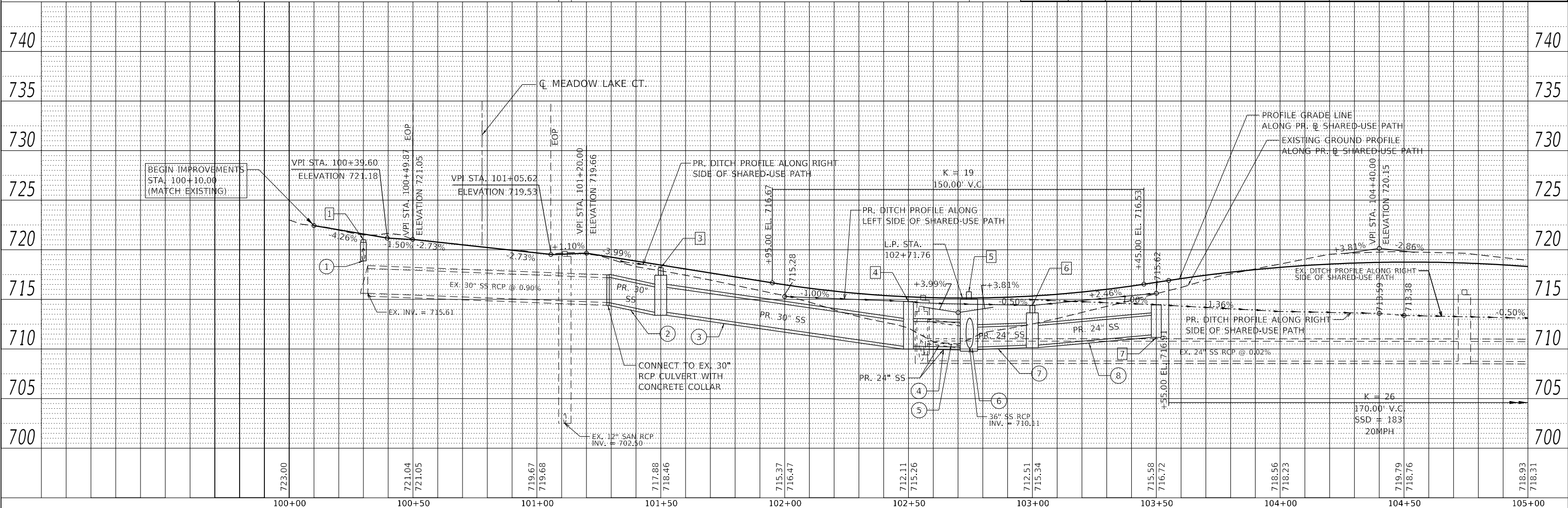


DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
1	100+30	14.5' RT.	721.00	718.88 W	INLET TYPE A W/ TYPE 8 FRAME AND GRATE
2	100+30	7.9' LT.	---	718.75	15" PRECAST REINFORCED CONCRETE FLARED END SECTION
3	101+50	17.0' RT.	718.19	713.69 N, 713.69 S	4' MAN-HOLE TYPE A W/ FLAT SLAB TOP & TYPE I OPEN LID
4	102+50	6.0' LT.	714.78	710.28 N, 710.28 S	FLUSH INLET BOX FOR MEDIAN
5	102+74	6.7' LT.	715.77	710.20 N, 710.34 SW, 710.20 S, 710.11 E	8' MAN-HOLE TYPE A W/ FLAT SLAB TOP AND TYPE I CLOSED LID
6	103+00	9.7' LT.	714.39	710.39 N, 710.39 S	4' MAN-HOLE TYPE A W/ FLAT SLAB TOP & TYPE I OPEN LID
7	103+50	23.5' RT.	714.46	711.42 S	FLUSH INLET BOX FOR MEDIAN

DATE	
BY	
PROFILE	
NO.	



MODEL: Default
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PLOT SCALE = 40,0000' / in.	DRAWN - ANF	REVISED -
PLOT DATE = 9/1/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 100+00.00 TO STA. 105+00.00

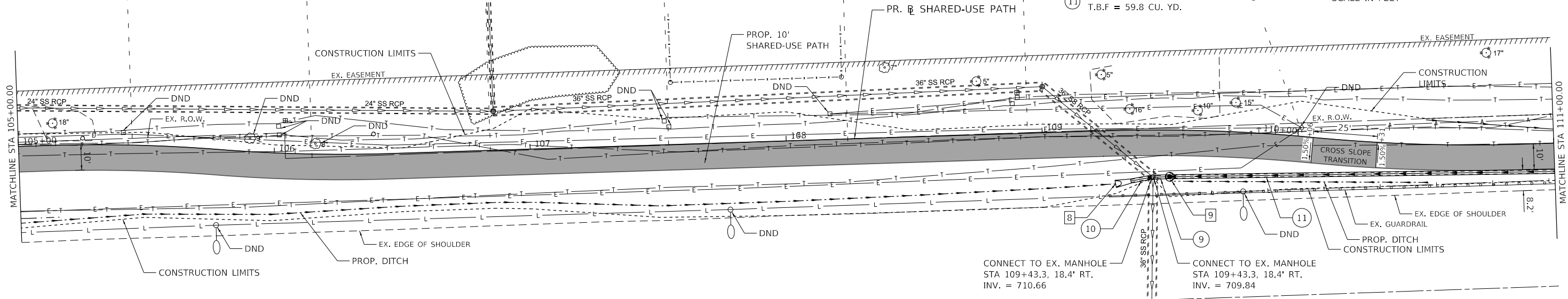
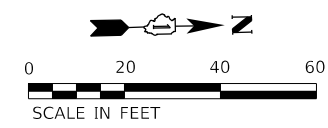
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CONTRACT NO. 61G45			ILLINOIS FED. AID PROJECT	

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	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK		
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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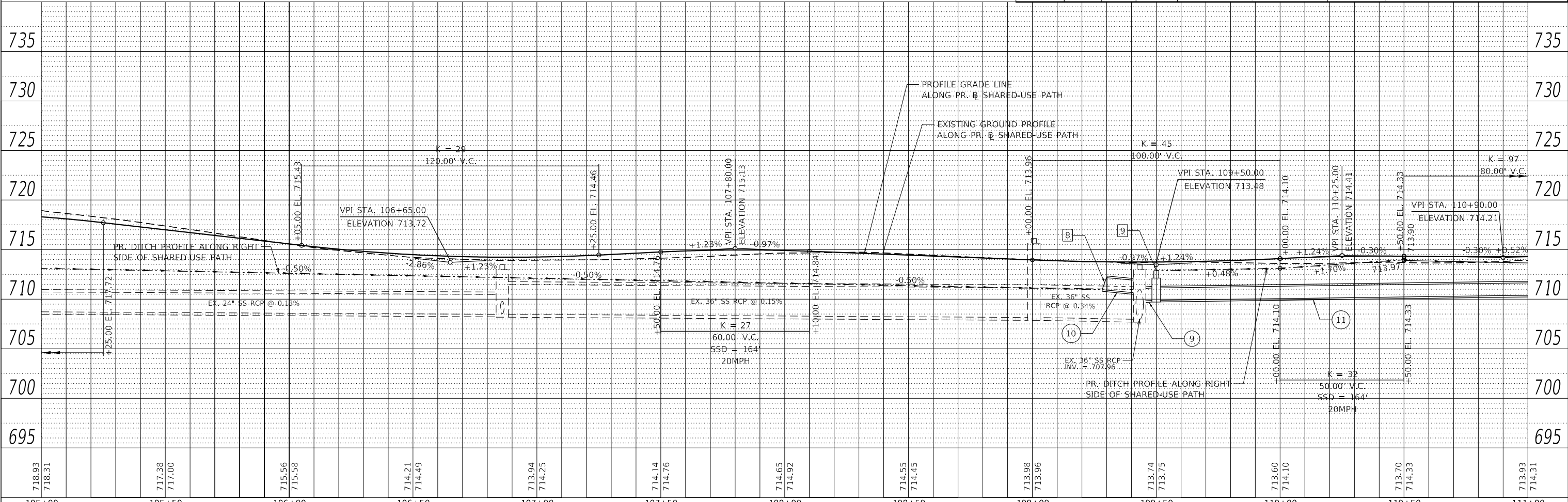
- ⑨ 6' - 15" STORM SEW CL. A, TY-1 @ 0.83%
T.B.F = 1.6 CU. YD.
- ⑩ 8' - 15" STORM SEW CL. A, TY-1 @ 3.75%
T.B.F = 1.0 CU. YD.
- ⑪ 198' - 15" STORM SEW CL. A, TY-1 @ 0.34%
T.B.F = 59.8 CU. YD.



NOTES
1. SEE EROSION CONTROL AND LANDSCAPING PLAN FOR LOCATION OF PROPOSED TREES, SODDING, AND SEEDING.

LEGEND
 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 - 3" ON
AGGREGATE BASE COURSE, TYPE B 6"

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
8	109+28	20.9' RT.	--	710.96	15" PRECAST REINFORCED CONCRETE FLARED END SECTION
9	109+50	18.3' RT.	712.88	709.89 N, 709.89 S	INLET TYPE B W/ FLAT SLAB TOP & TYPE I OPEN LID



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - ANF	REVISED -
PLOT DATE = 9/1/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

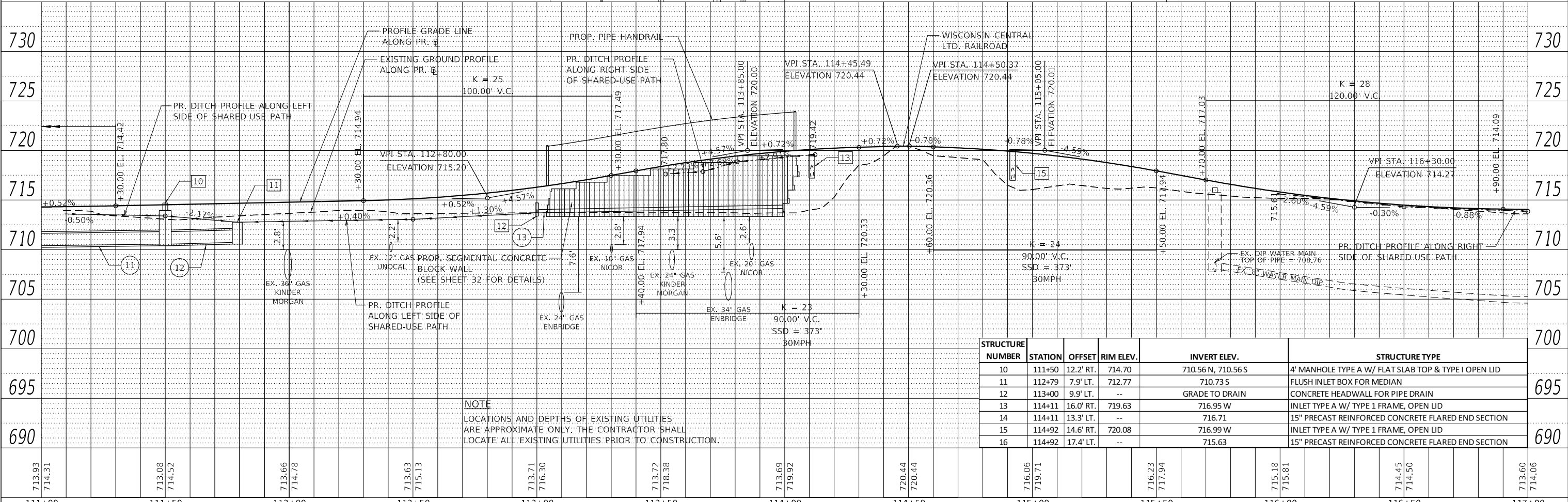
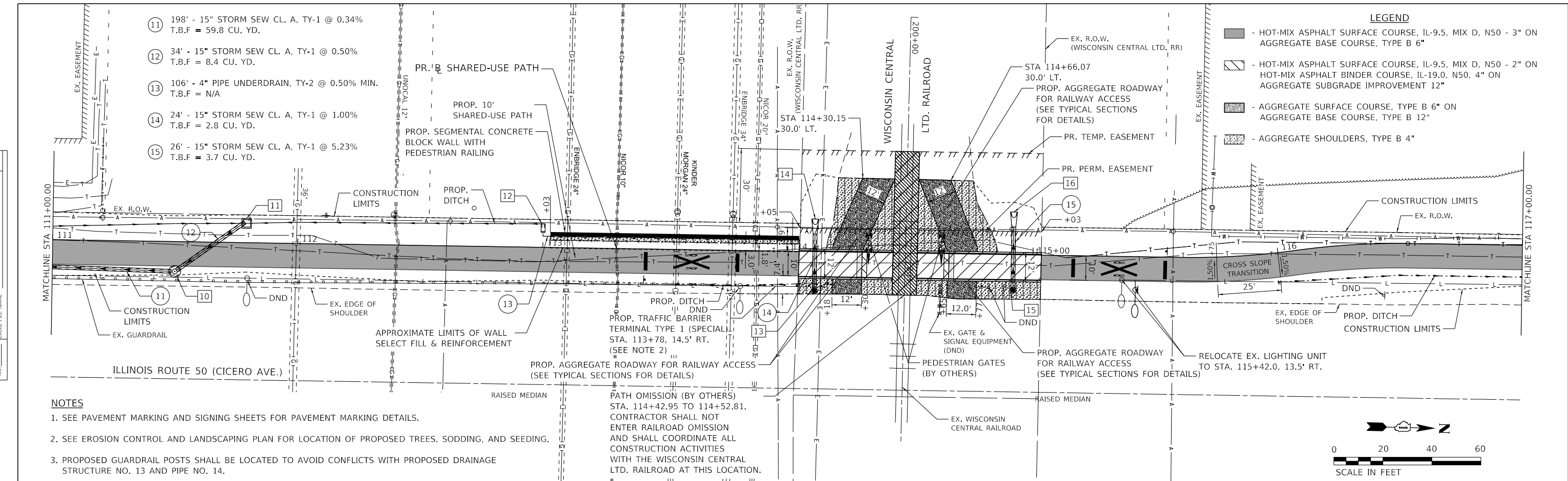
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. 105+00.00 TO STA. 111+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	15
CONTRACT NO. 61G45				
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	
	NO.	
	NO.	



713.93	714.31	713.08	714.52	713.66	714.78	713.63	715.13	713.71	716.30	713.72	718.38	713.69	719.92	720.44	720.44	716.06	719.71	716.23	717.94	715.18	715.81	714.45	714.50	713.60	714.06	
111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00	116+50	117+00														

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PLOT SCALE = 40,0000' / in.	DRAWN - ANF	REVISED -
PLOT DATE = 9/1/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
SCALE: 1" = 20'
SHEET 3 OF 6 SHEETS
STA. 111+00.00 TO STA. 117+00.00

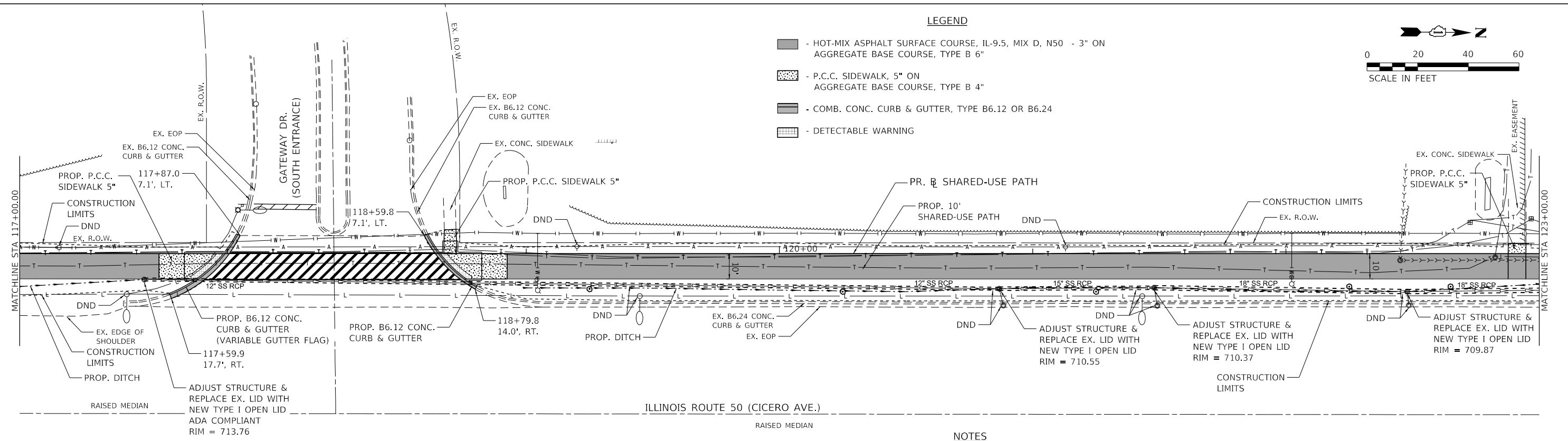
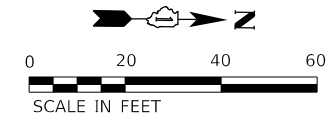
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CONTRACT NO. 61G45			ILLINOIS FED. AID PROJECT	

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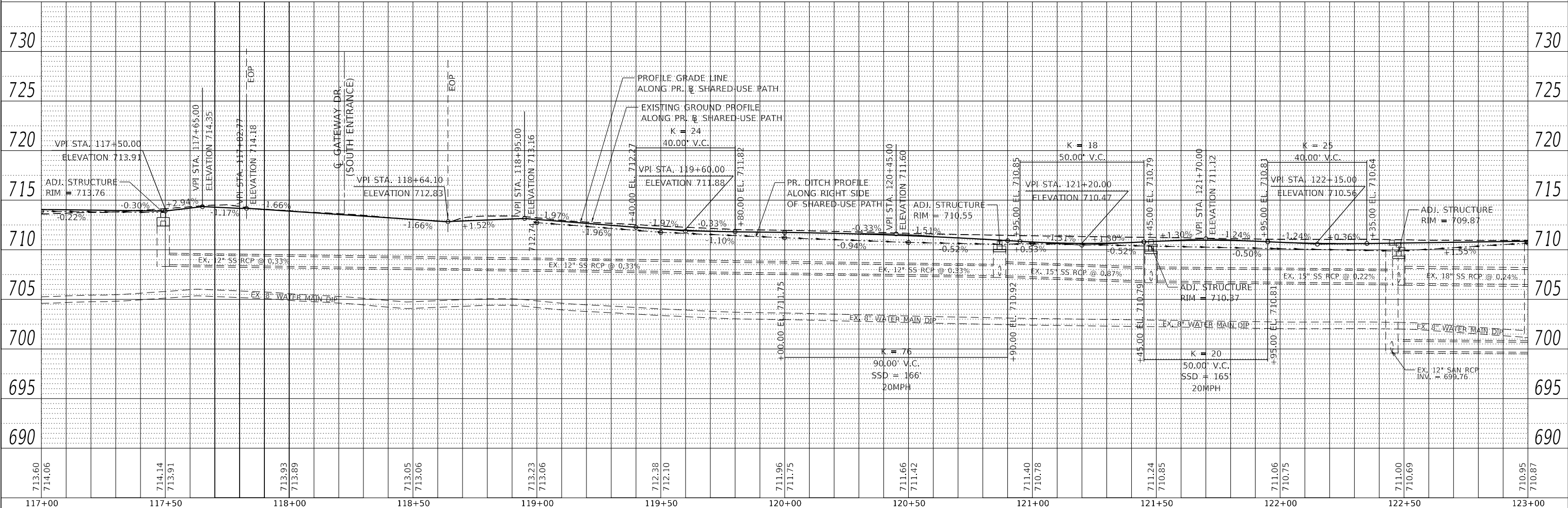
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 SHEET: 4 OF 6

- LEGEND**
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 - 3" ON
AGGREGATE BASE COURSE, TYPE B 6"
 - P.C.C. SIDEWALK, 5" ON
AGGREGATE BASE COURSE, TYPE B 4"
 - COMB. CONC. CURB & GUTTER, TYPE B6.12 OR B6.24
 - DETECTABLE WARNING



- NOTES**
- SEE PAVEMENT MARKING AND SIGNING PLAN FOR PAVEMENT MARKING DETAILS.
 - SEE EROSION CONTROL AND LANDSCAPING PLAN FOR LOCATION OF PROPOSED TREES, SODDING, AND SEEDING.



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

USER NAME	= User:AAcevedo	DESIGNED	- AEA	REVISED	-
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PLOT DATE	= 9/1/2020	CHECKED	- RON	REVISED	-
		DATE	-	REVISED	-

SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 117+00.00 TO STA. 123+00.00

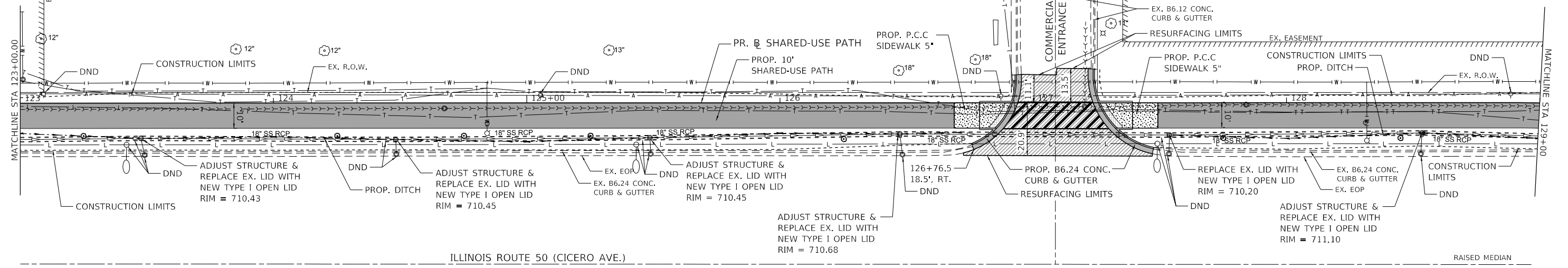
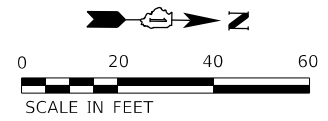
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	17
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

DATE	
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PLAN	SURVEYED
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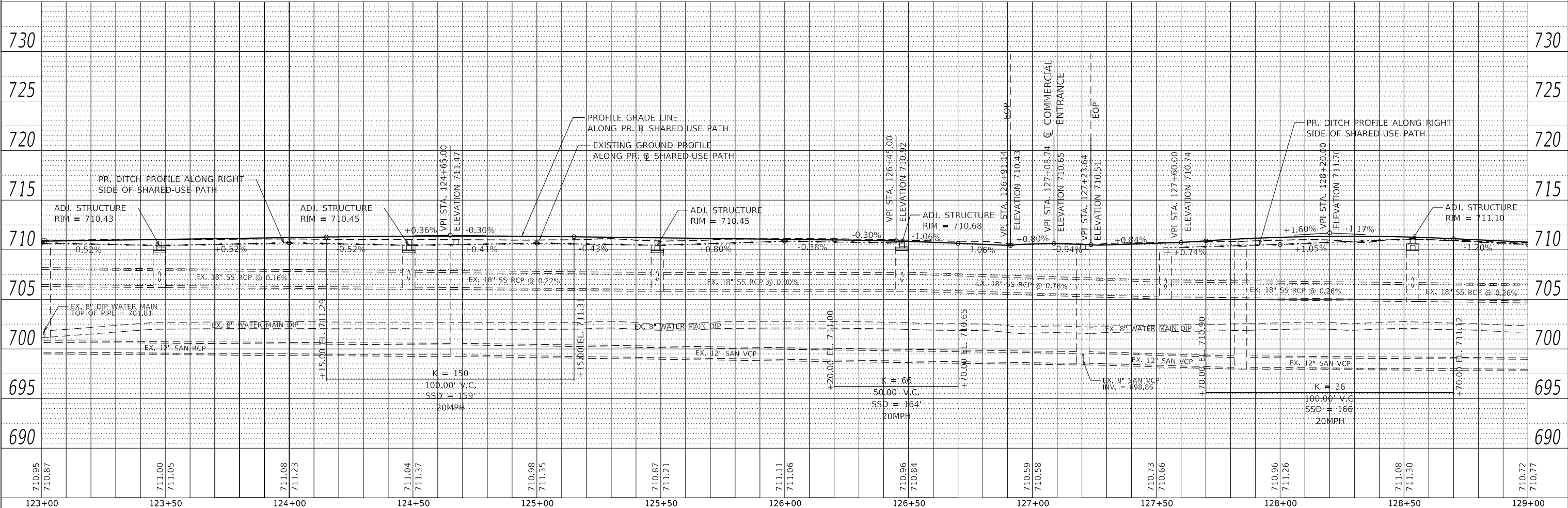
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- LEGEND**
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 - 2"
 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 - 3" ON AGGREGATE BASE COURSE, TYPE B 6"
 - P.C.C. SIDEWALK, 5" ON AGGREGATE BASE COURSE, TYPE B 4"
 - COMB. CONC. CURB & GUTTER, TYPE B6.12 OR B6.24
 - DETECTABLE WARNING



- NOTES**
- SEE PAVEMENT MARKING AND SIGNING PLAN FOR PAVEMENT MARKING DETAILS.
 - SEE EROSION CONTROL AND LANDSCAPING PLAN FOR LOCATION OF PROPOSED TREES, SODDING, AND SEEDING.



USER NAME	= User:AAcavedo
DESIGNED	- AEA
DRAWN	- ANF
CHECKED	- RON
DATE	-
REVISIONS	
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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 SCALE: 1" = 20'
 SHEET 5 OF 6 SHEETS
 STA. 123+00.00 TO STA. 129+00.00

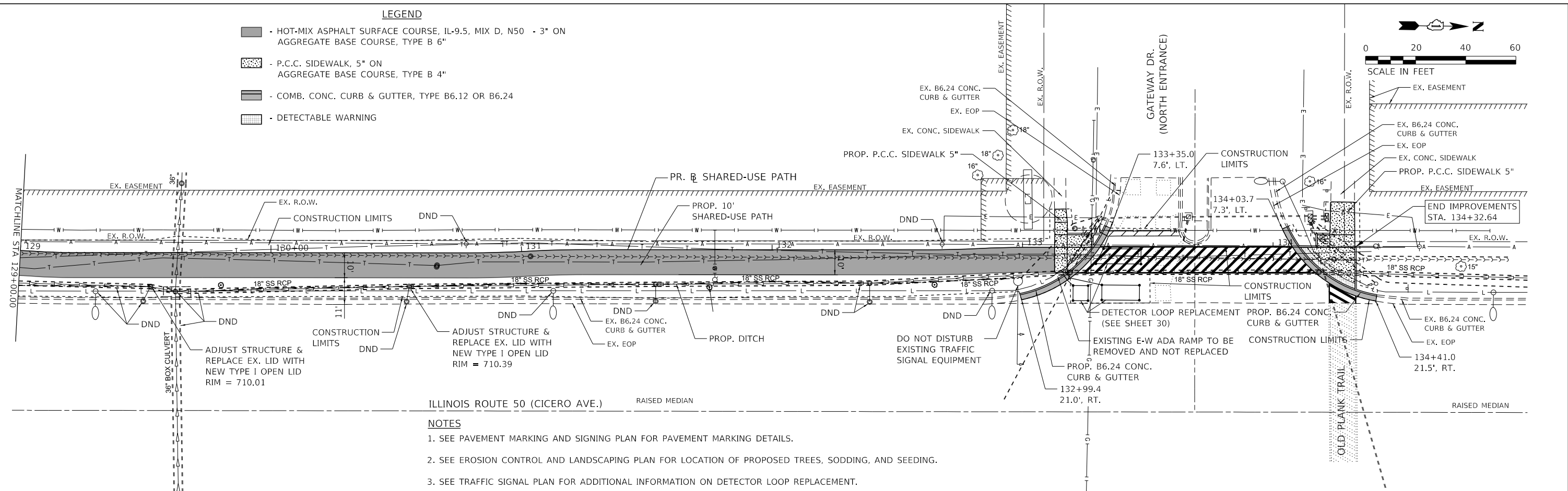
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350	18-00063-00-BT	COOK	66	18
CONTRACT NO. 61G45				
ILLINOIS		FED. AID PROJECT		

DATE	
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PLAN	
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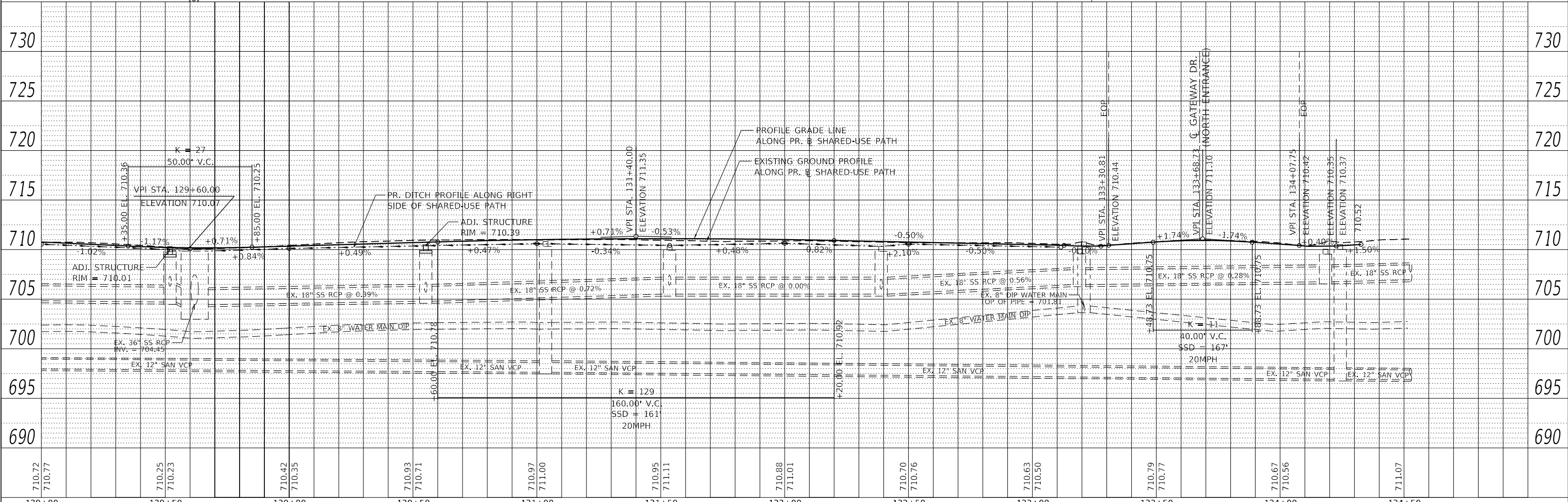
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- LEGEND**
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 - 3" ON AGGREGATE BASE COURSE, TYPE B 6"
 - P.C.C. SIDEWALK, 5" ON AGGREGATE BASE COURSE, TYPE B 4"
 - COMB. CONC. CURB & GUTTER, TYPE B6.12 OR B6.24
 - DETECTABLE WARNING



- NOTES**
- SEE PAVEMENT MARKING AND SIGNING PLAN FOR PAVEMENT MARKING DETAILS.
 - SEE EROSION CONTROL AND LANDSCAPING PLAN FOR LOCATION OF PROPOSED TREES, SODDING, AND SEEDING.
 - SEE TRAFFIC SIGNAL PLAN FOR ADDITIONAL INFORMATION ON DETECTOR LOOP REPLACEMENT.



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 129+00.00 TO STA. 134+32.64	F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 19	
PLOT SCALE = 40,0000' / in.	CHECKED - RON	REVISED -			CONTRACT NO. 61G45					
PLOT DATE = 9/1/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

EROSION CONTROL AND LANDSCAPING GENERAL NOTES

1. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR AT THE LOCATIONS SHOWN ON THE EROSION CONTROL AND LANDSCAPING PLAN AND AS DIRECTED BY THE ENGINEER. THE PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS IS NECESSARY TO SATISFY THE REQUIREMENTS OF STANDARD 280001 AND SECTION 280 OF THE STANDARD SPECIFICATIONS.
2. ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS MAY BE REQUIRED DURING CONSTRUCTION. THE SYSTEMS SHALL BE PLACED AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS.
3. TEMPORARY SEEDING SHALL BE DONE AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. A TOKEN QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING HAS BEEN ALLOWED FOR THIS PROJECT AND SHALL BE USED AS DIRECTED BY THE ENGINEER.
4. ALL DISTURBED EARTH AREAS SHALL BE SODDED AND FERTILIZED IN THE LOCATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH SECTION 201 OF THE STANDARD SPECIFICATIONS.
5. THE CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING A 5 FOOT DIAMETER MINIMUM MULCH RING AROUND THE TREE.
6. THE USE OF ALL PERMANENT AND TEMPORARY TOPSOIL STORAGE AREAS MUST BE APPROVED BY THE ENGINEER PRIOR TO USING THE AREAS.
7. FOR RIM AND INVERT ELEVATIONS OF PROPOSED DRAINAGE STRUCTURES SEE THE PLAN AND PROFILE SHEETS.
8. SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.
9. THE CONTRACTOR SHALL PROTECT EXISTING WETLANDS LOCATED DOWNSTREAM OF THE PROJECT AREA FROM CONSTRUCTION SEDIMENT AND INCREASED STORMWATER RUNOFF VELOCITIES.

EROSION CONTROL AND LANDSCAPING CONSTRUCTION SEQUENCING

1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES.
 - A) SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
 - B) SILT FENCE INSTALLATION
 - C) CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
 - D) STABILIZED CONSTRUCTION ENTRANCE
2. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB).
3. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE.
4. TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE).
5. INSTALL STORM SEWER AND ASSOCIATED INLET & OUTLET PROTECTION.
6. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE.
7. INSTALL SHARED-USE PATH.
8. INSTALL NEW TREES.
9. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION.

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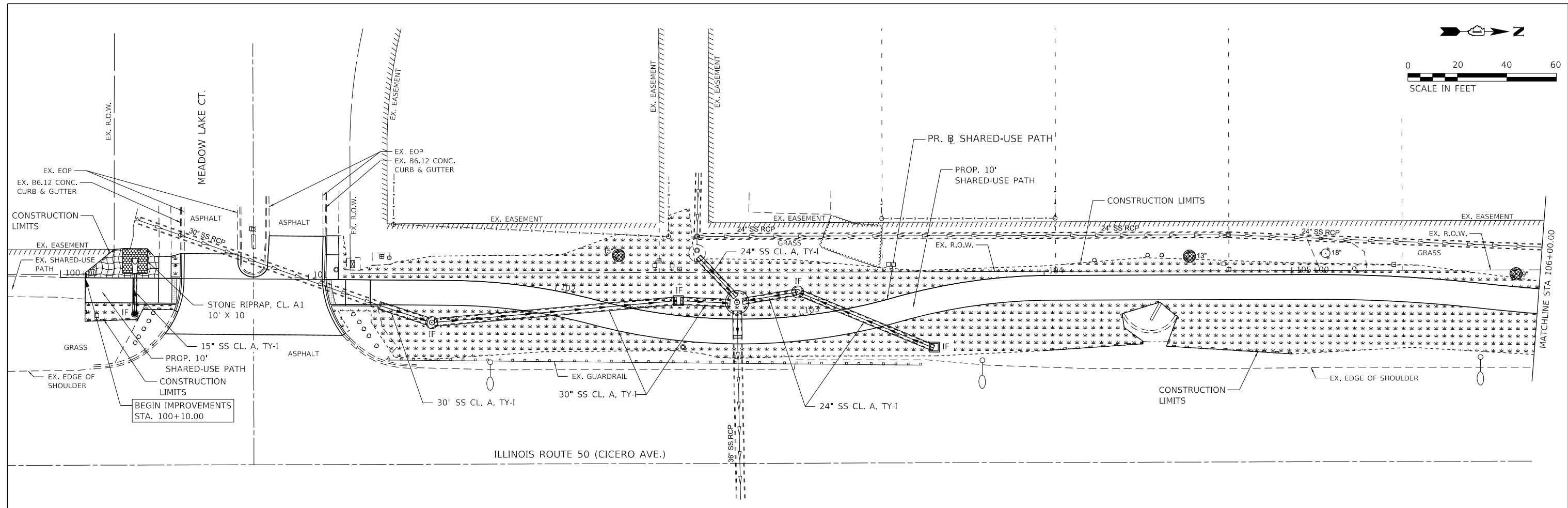
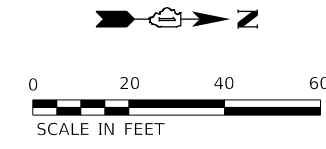
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PLOT DATE = 7/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

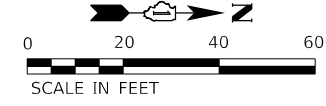
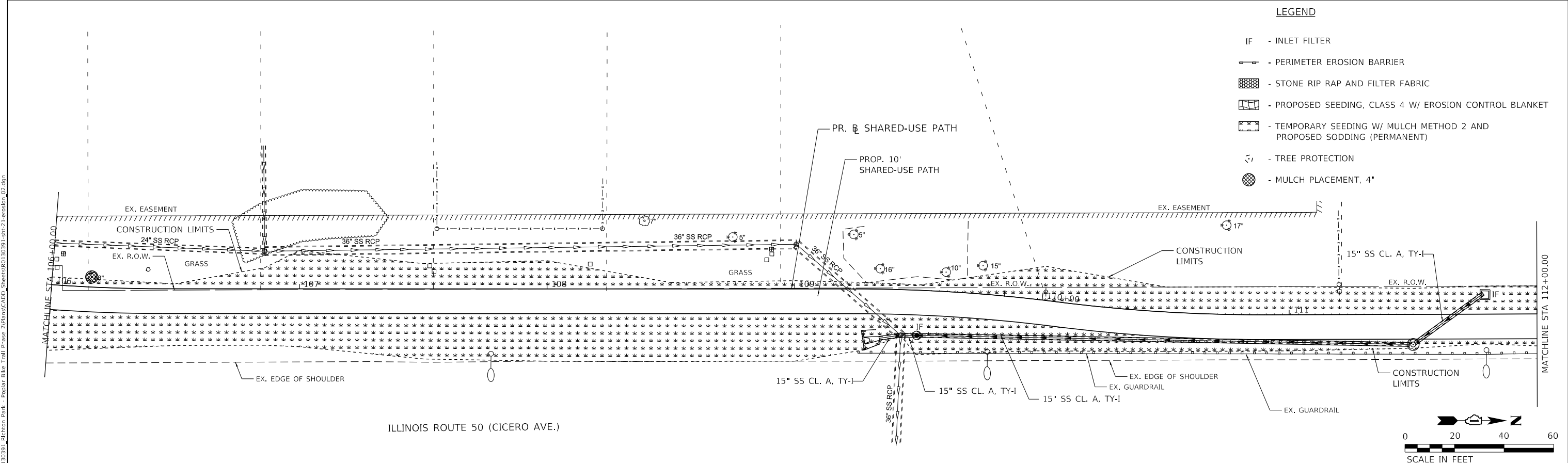
EROSION CONTROL AND LANDSCAPING PLAN

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	20
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- IF - INLET FILTER
 - PERIMETER EROSION BARRIER
 - ▨ - STONE RIP RAP AND FILTER FABRIC
 - ▩ - PROPOSED SEEDING, CLASS 4 W/ EROSION CONTROL BLANKET
 - ▩ - TEMPORARY SEEDING W/ MULCH METHOD 2 AND PROPOSED SODDING (PERMANENT)
 - ⊙ - TREE PROTECTION
 - ⊙ - MULCH PLACEMENT, 4"



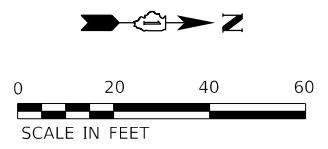
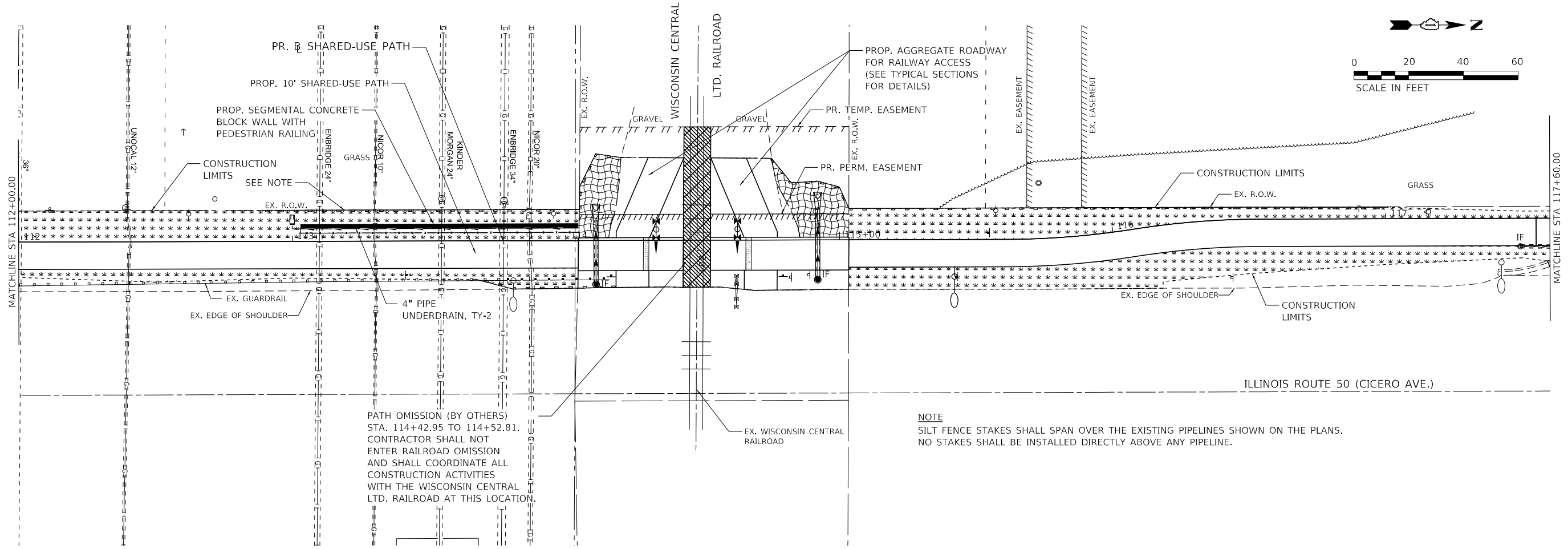
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PLOT DATE = 7/7/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AND LANDSCAPING PLAN
 SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 100+10.00 TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	21
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

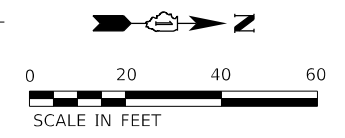
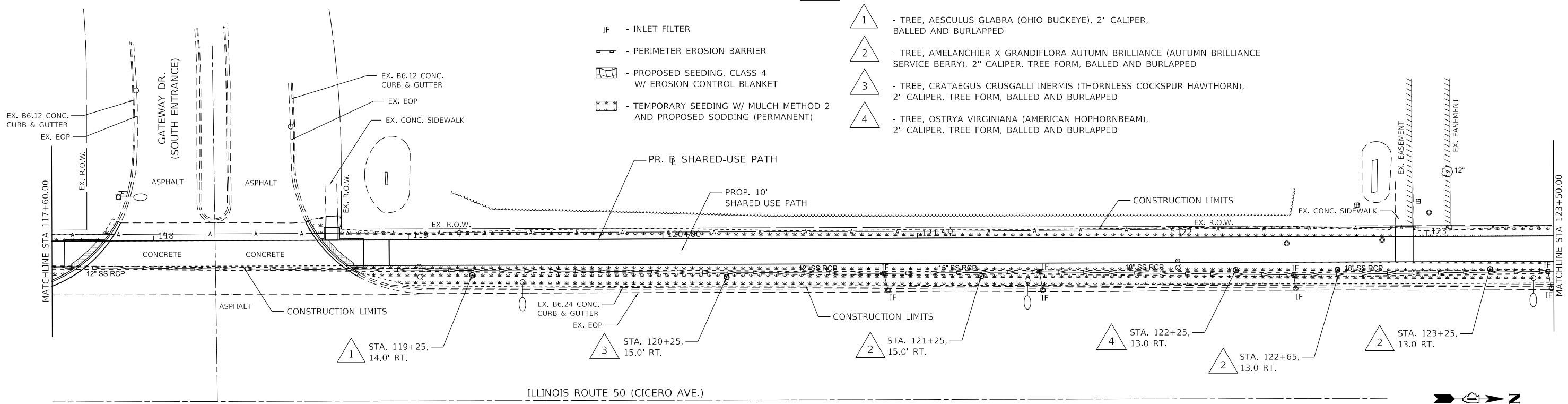


PATH OMISSION (BY OTHERS)
 STA. 114+42.95 TO 114+52.81.
 CONTRACTOR SHALL NOT
 ENTER RAILROAD OMISSION
 AND SHALL COORDINATE ALL
 CONSTRUCTION ACTIVITIES
 WITH THE WISCONSIN CENTRAL
 LTD. RAILROAD AT THIS LOCATION.

NOTE
 SILT FENCE STAKES SHALL SPAN OVER THE EXISTING PIPELINES SHOWN ON THE PLANS.
 NO STAKES SHALL BE INSTALLED DIRECTLY ABOVE ANY PIPELINE.

LEGEND

- IF - INLET FILTER
- PERIMETER EROSION BARRIER
- PROPOSED SEEDING, CLASS 4 W/ EROSION CONTROL BLANKET
- TEMPORARY SEEDING W/ MULCH METHOD 2 AND PROPOSED SODDING (PERMANENT)
- 1 - TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED
- 2 - TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
- 3 - TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
- 4 - TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED



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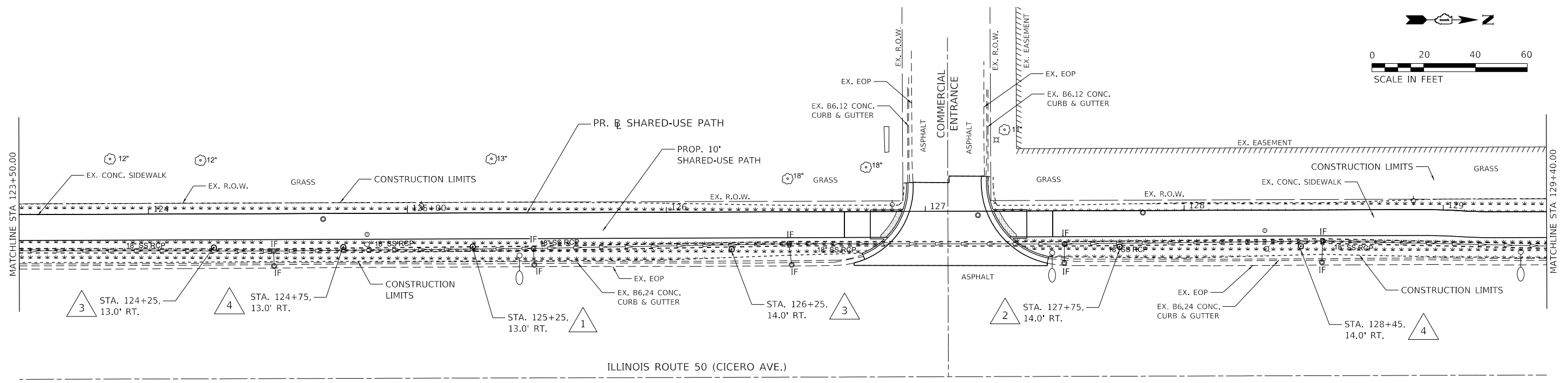
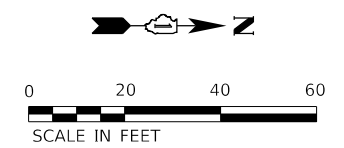
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND LANDSCAPING PLAN

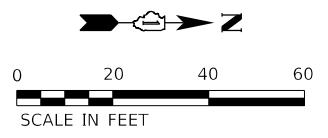
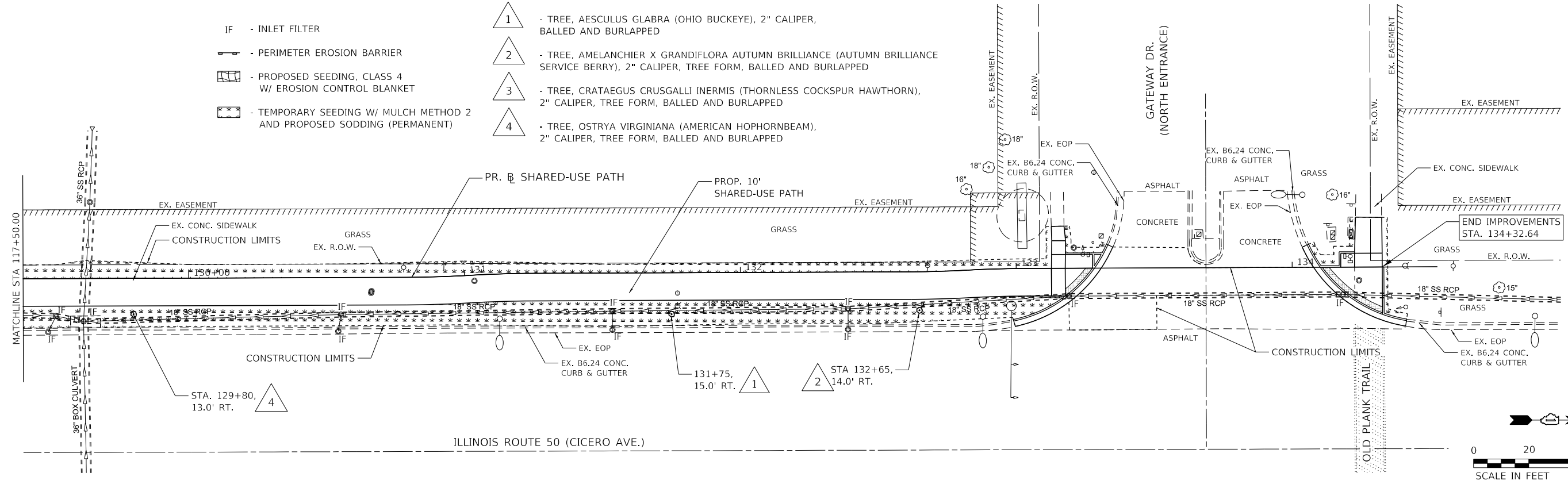
SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 112+00.00 TO STA. 123+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	22
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



LEGEND

- IF - INLET FILTER
 - PERIMETER EROSION BARRIER
 - PROPOSED SEEDING, CLASS 4 W/ EROSION CONTROL BLANKET
 - TEMPORARY SEEDING W/ MULCH METHOD 2 AND PROPOSED SODDING (PERMANENT)
- 1 - TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED
 - 2 - TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - 3 - TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
 - 4 - TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1" = 20' SHEET 4 OF 4 SHEETS STA. 123+50.00 TO STA. 134+32.64

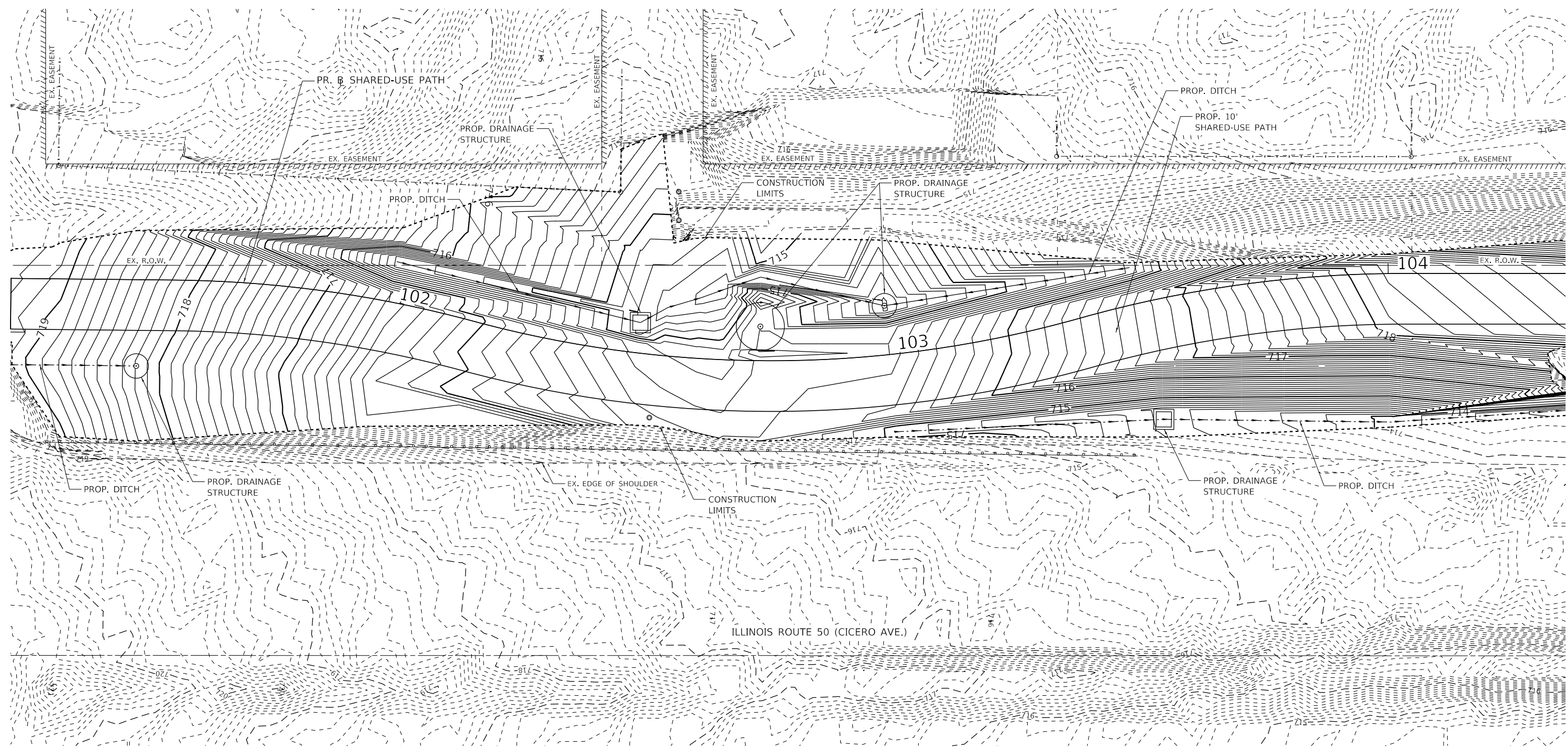
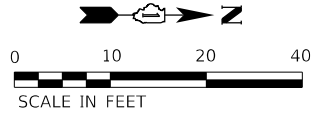
F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 23
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

NOTES

1. SEE PLAN AND PROFILE SHEETS FOR PROPOSED STORM SEWER STRUCTURE DETAILS
2. SEE CROSS SECTION SHEETS FOR PROPOSED DITCH ELEVATIONS

LEGEND

- - CONSTRUCTION LIMIT
- -715 - - EXISTING ONE FOOT CONTOUR
- - EXISTING 0.1 FOOT CONTOUR
- 715— - PROPOSED ONE FOOT CONTOUR
- - PROPOSED 0.1 FOOT CONTOUR



MODEL: Dwg.dwg
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

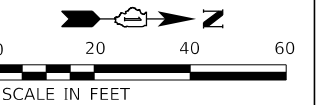
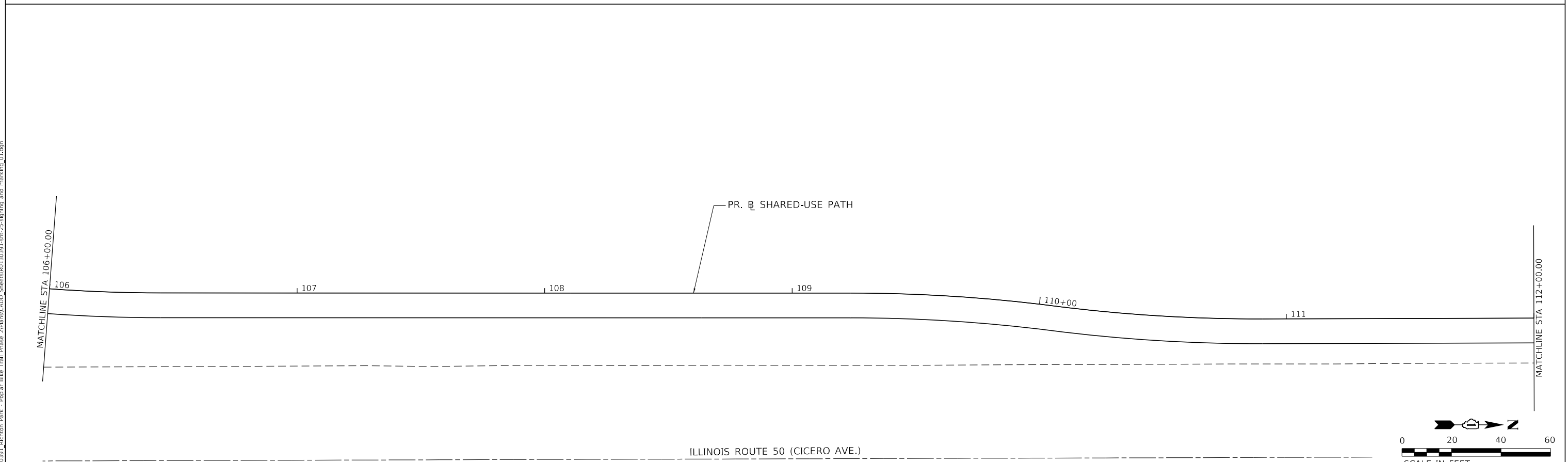
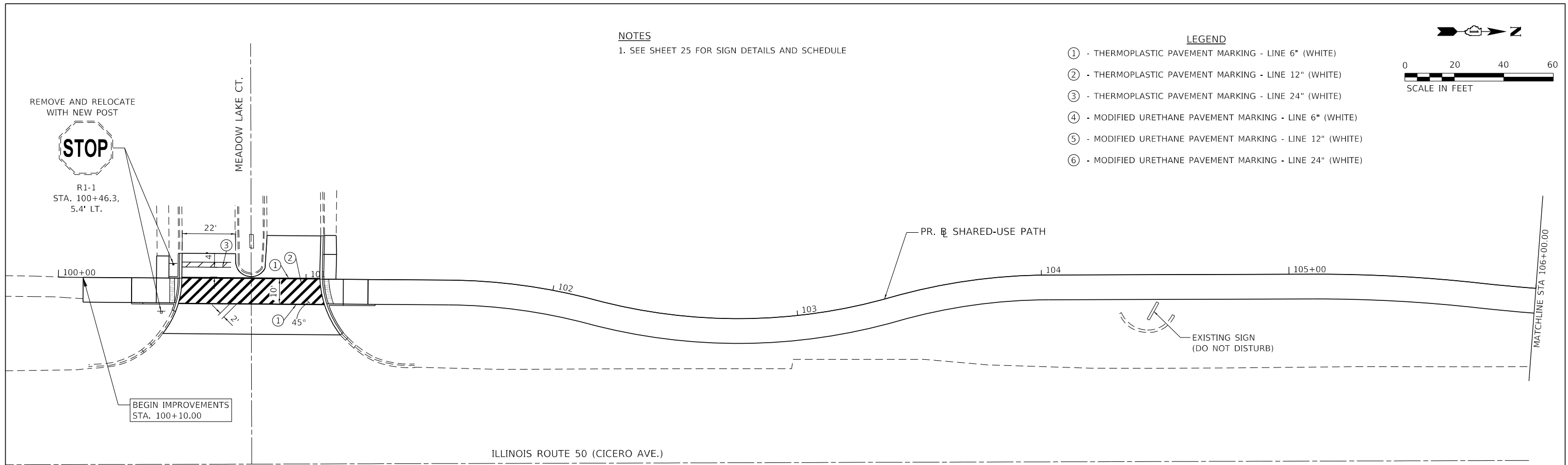
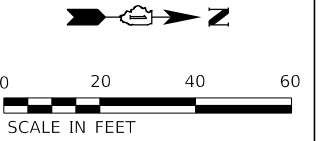
GRADING PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	24
CONTRACT NO. 61G45				
ILLINOIS		FED. AID PROJECT		

NOTES
1. SEE SHEET 25 FOR SIGN DETAILS AND SCHEDULE

- LEGEND**
- ① - THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
 - ② - THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
 - ③ - THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
 - ④ - MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ - MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)
 - ⑥ - MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE)



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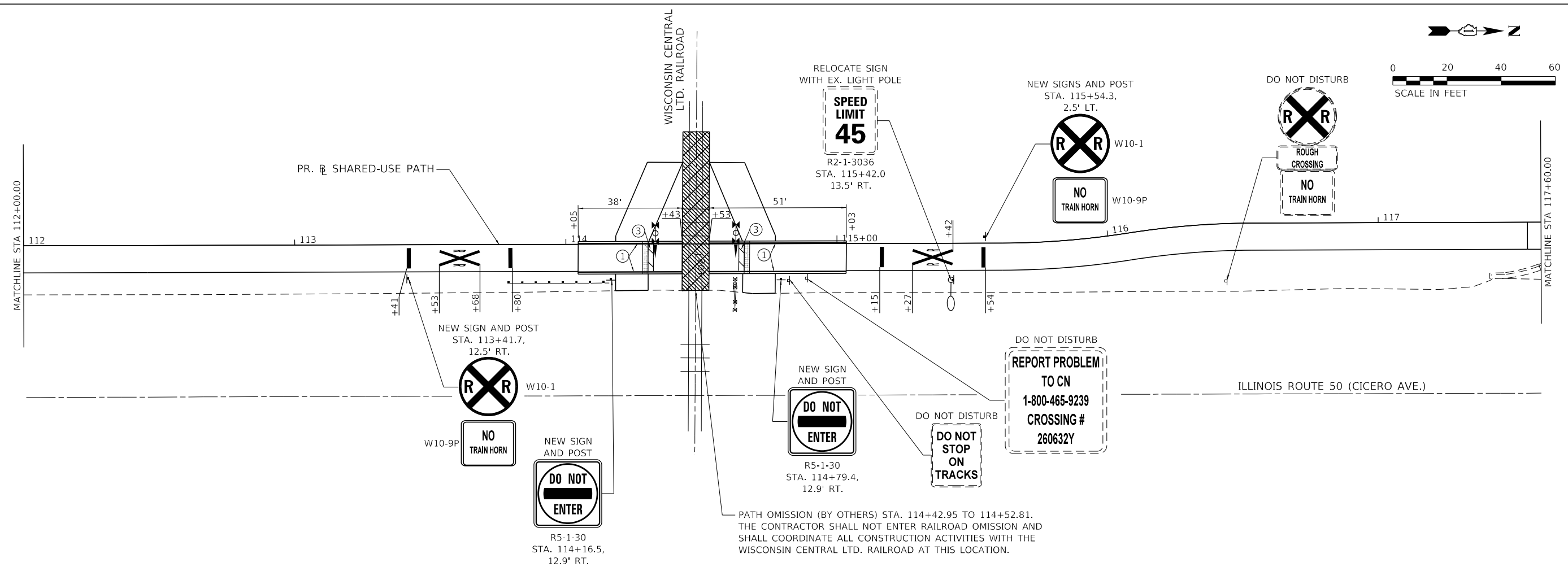
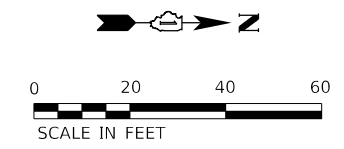
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PLOT DATE = 7/7/2020		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 100+10.00 TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	25
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① - THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ② - THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ③ - THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- ④ - MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ - MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)
- ⑥ - MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE)

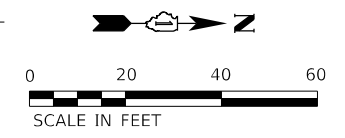
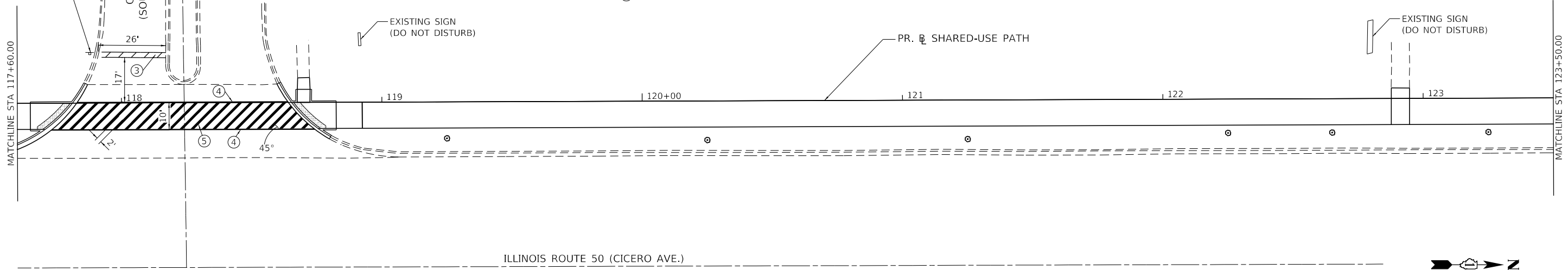
NOTES

1. SEE SHEET 25 FOR SIGN DETAILS AND SCHEDULE

DO NOT DISTURB



GATEWAY DR.
(SOUTH ENTRANCE)



MODEL: Defaul; FILE NAME: P:\RD130391_1\Benton Park - Poplar Bike Trail Phase 2\plans\CADD_Sheets\RD130391-1-1st-26-signing and marking_02.dgn

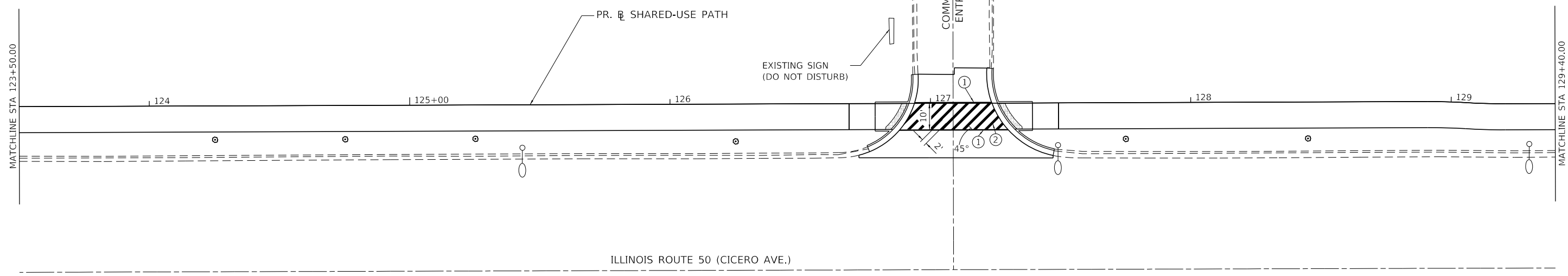
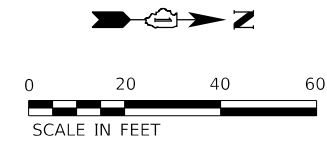
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DRAWN - ANF	REVISIONS -	
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PLOT DATE = 7/14/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

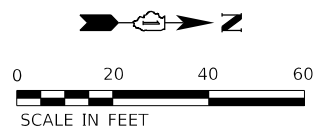
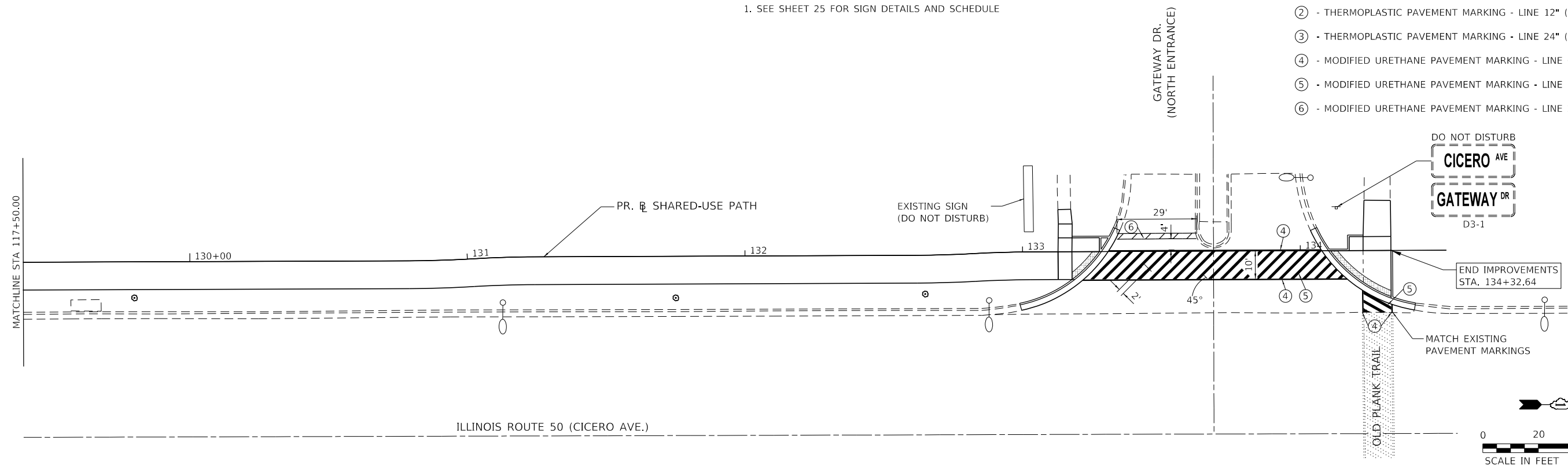
SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 112+00.00 TO STA. 123+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	26
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



NOTES
 1. SEE SHEET 25 FOR SIGN DETAILS AND SCHEDULE

- LEGEND**
- ① - THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
 - ② - THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
 - ③ - THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
 - ④ - MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ - MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)
 - ⑥ - MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE)



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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

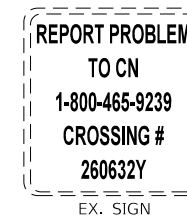
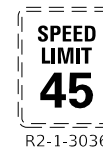
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 123+50.00 TO STA. 134+32.64

F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 27
CONTRACT NO. 61G45				
		ILLINOIS	FED. AID PROJECT	

SIGN SCHEDULE

STATION	OFFSET	TYPE	72000100 SIGN PANEL TYPE 1 (SQ FT)	72400500 RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	72400710 RELOCATE SIGN PANEL TYPE 1 (SQ FT)	72800100 TELESCOPING STEEL SIGN SUPPORT (FOOT)	Z0051398 REMOVE EXISTING SIGN POST (EACH)	COMMENTS
100+46.3	5.4' LT.	R1-1	--	1	6	15	1	RELOCATE EX. STOP SIGN INSTALLED ON NEW POST
113+41.7	12.5' RT.	W10-1	7.1			16.5		NEW SIGN INSTALLED ON NEW POST, SIGN SIZE d=36"
113+41.7	12.5' RT.	W10-9P	3					NEW SIGN INSTALLED ON NEW POST, SIGN SIZE = 18"x24"
114+16.5	12.9' RT.	R5-1-30	6.25			14.5		NEW SIGN INSTALLED ON NEW POST, SIGN SIZE = 30"x30"
114+79.4	12.9' RT.	R5-1-30	6.25			14.5		NEW SIGN INSTALLED ON NEW POST, SIGN SIZE = 30"x30"
114+82.1	13.6' RT.	EX. SIGN	--	--	--	--		EX. SIGN, DO NOT DISTURB
114+88.7	12.7' RT.	EX. SIGN	--	--	--	--		EX. SIGN, DO NOT DISTURB
115+42.0	13.5' RT.	EX. SIGN	--	1	7.5	--		RELOCATE EX. SPEED LIMIT SIGN WITH LIGHT POLE
115+54.3	2.5' LT.	W10-1	7.1			16.5		NEW SIGN INSTALLED ON NEW POST, SIGN SIZE d=36"
115+54.3	2.5' LT.	W10-9P	3					NEW SIGN INSTALLED ON NEW POST, SIGN SIZE = 18"x24"
116+43.0	21.1' RT.	EX. SIGN	--	--	--	--		EX. SIGN, DO NOT DISTURB
117+87.9	19.0' LT.	EX. SIGN	--	--	--	--		EX. SIGN, DO NOT DISTURB
134+13.0	15.4' LT.	EX. SIGN	--	--	--	--		EX. SIGN, DO NOT DISTURB
TOTAL:			33	2	14	77.0	1	



MODEL: Default
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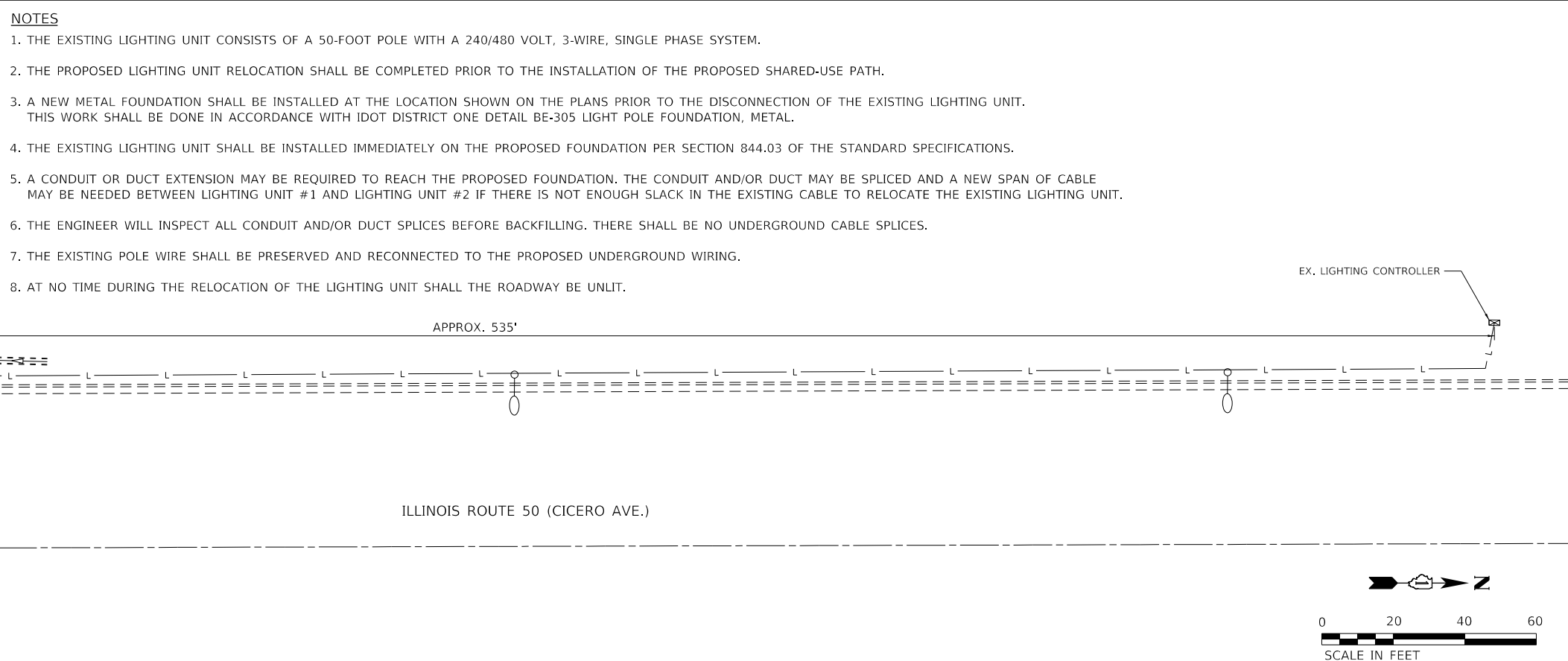
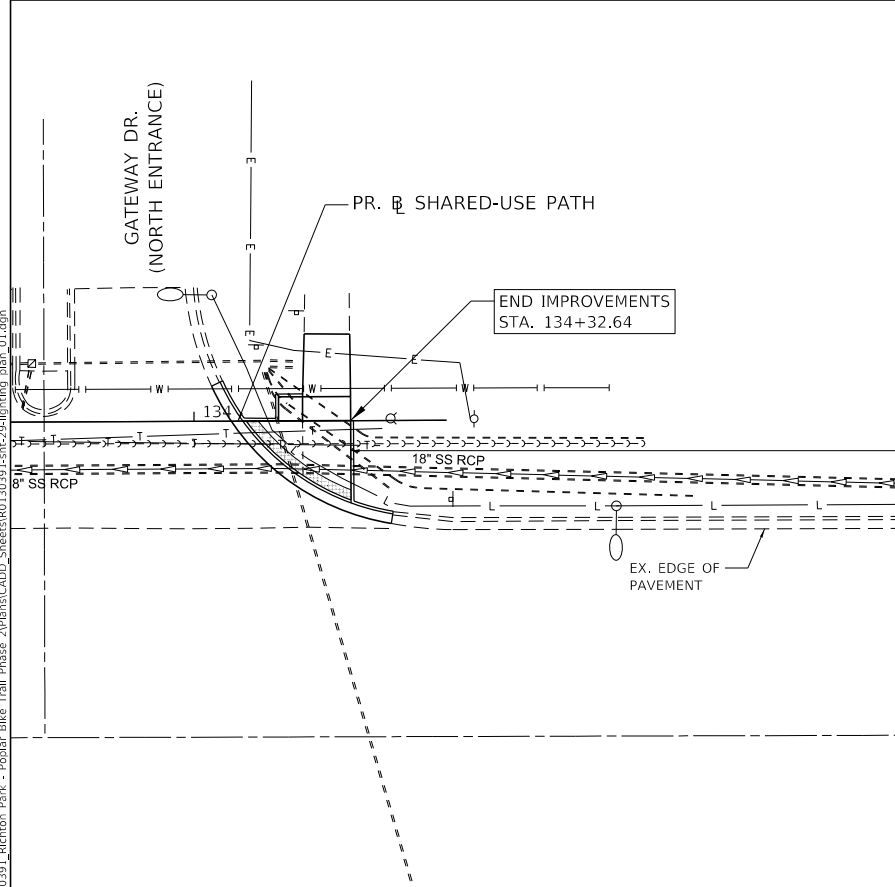
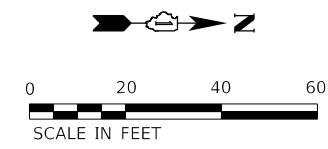
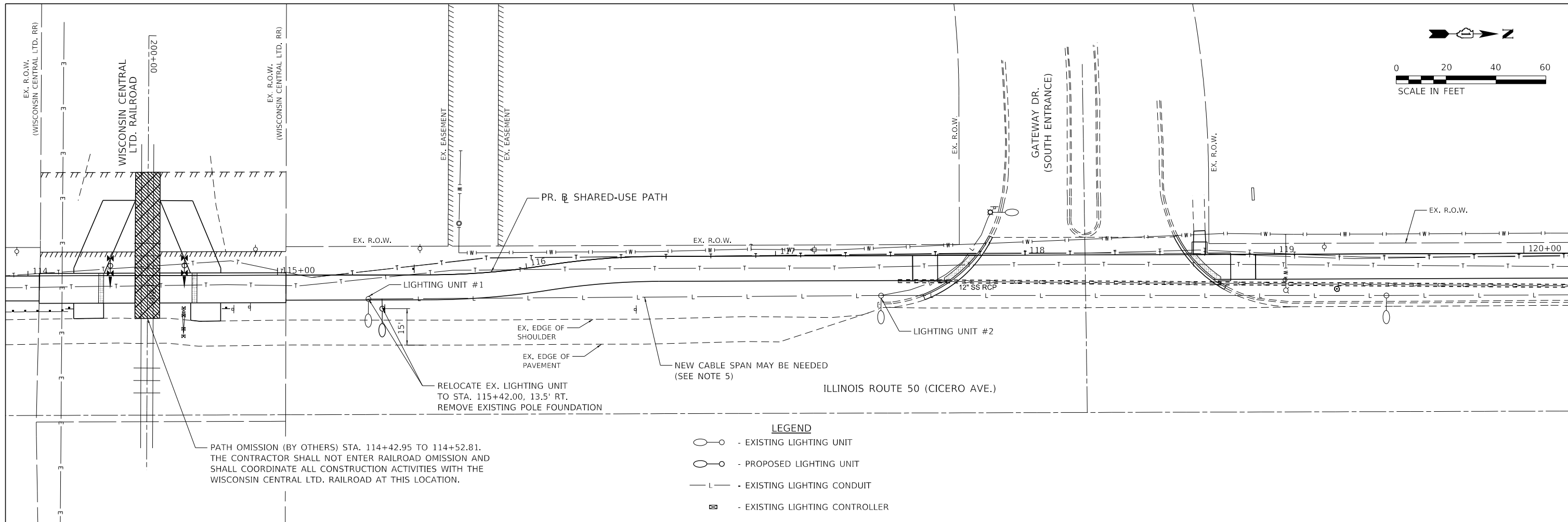
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

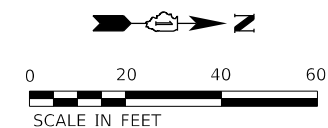
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	28
			CONTRACT NO. 61G45	
			ILLINOIS FED. AID PROJECT	



NOTES

1. THE EXISTING LIGHTING UNIT CONSISTS OF A 50-FOOT POLE WITH A 240/480 VOLT, 3-WIRE, SINGLE PHASE SYSTEM.
2. THE PROPOSED LIGHTING UNIT RELOCATION SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF THE PROPOSED SHARED-USE PATH.
3. A NEW METAL FOUNDATION SHALL BE INSTALLED AT THE LOCATION SHOWN ON THE PLANS PRIOR TO THE DISCONNECTION OF THE EXISTING LIGHTING UNIT. THIS WORK SHALL BE DONE IN ACCORDANCE WITH IDOT DISTRICT ONE DETAIL BE-305 LIGHT POLE FOUNDATION, METAL.
4. THE EXISTING LIGHTING UNIT SHALL BE INSTALLED IMMEDIATELY ON THE PROPOSED FOUNDATION PER SECTION 844.03 OF THE STANDARD SPECIFICATIONS.
5. A CONDUIT OR DUCT EXTENSION MAY BE REQUIRED TO REACH THE PROPOSED FOUNDATION. THE CONDUIT AND/OR DUCT MAY BE SPLICED AND A NEW SPAN OF CABLE MAY BE NEEDED BETWEEN LIGHTING UNIT #1 AND LIGHTING UNIT #2 IF THERE IS NOT ENOUGH SLACK IN THE EXISTING CABLE TO RELOCATE THE EXISTING LIGHTING UNIT.
6. THE ENGINEER WILL INSPECT ALL CONDUIT AND/OR DUCT SPLICES BEFORE BACKFILLING. THERE SHALL BE NO UNDERGROUND CABLE SPLICES.
7. THE EXISTING POLE WIRE SHALL BE PRESERVED AND RECONNECTED TO THE PROPOSED UNDERGROUND WIRING.
8. AT NO TIME DURING THE RELOCATION OF THE LIGHTING UNIT SHALL THE ROADWAY BE UNLIT.



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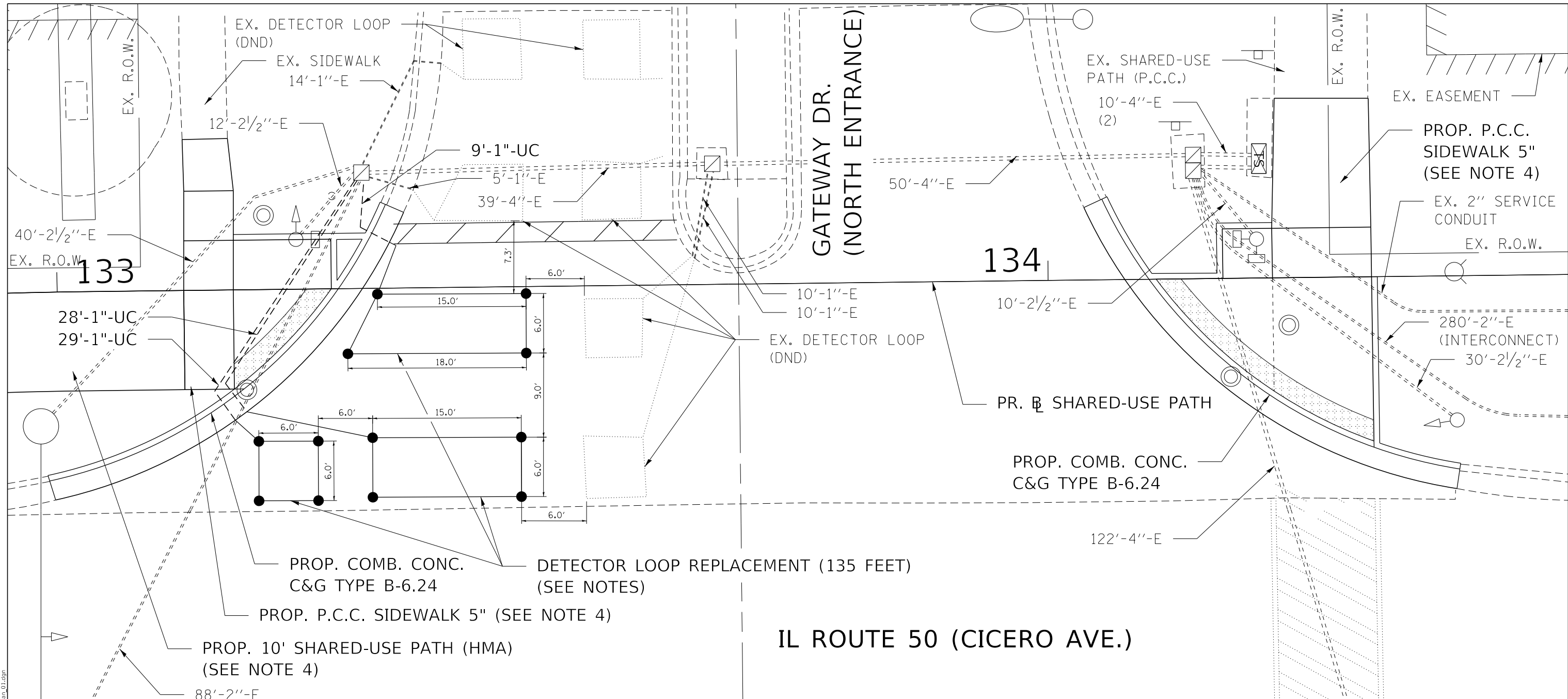
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN

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

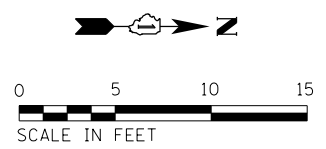
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	29
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



NOTES:

1. CONTRACTOR MAY REUSE EXISTING COILABLE NON-METALLIC CONDUIT (CNC) LOCATED BETWEEN THE EXISTING HANDHOLE AND THE PAVEMENT IF IT HAS NOT BEEN DAMAGED.
2. IF EXISTING CONDUIT IS DAMAGED, CONTRACTOR SHALL REMOVE EXISTING CONDUIT BEFORE INSTALLING NEW 1" CNC.
3. NO EXISTING TRAFFIC SIGNAL EQUIPMENT, OTHER THAN THE DETECTOR LOOPS SHOWN ON THIS PLAN, SHALL BE DISTURBED DURING CONSTRUCTION. ANY DAMAGE TO EXISTING TRAFFIC SIGNAL EQUIPMENT OR EXISTING TRAFFIC SIGNAL CONDUIT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. EXISTING TRAFFIC SIGNAL CONDUIT AND CABLES IN CONFLICT WITH THE PROPOSED SHARED-USE PATH PAVEMENT AND SUBBASE OR P.C.C. SIDEWALK SHALL BE RELOCATED BY THE CONTRACTOR WITH THE APPROVAL OF THE ENGINEER. A TOKEN QUANTITY OF 175 FEET FOR RELOCATE EXISTING CONDUIT AND CABLES HAS BEEN INCLUDED IN THE PLANS.

- LEGEND**
- EXISTING SIGNAL HEAD & POST
 - EXISTING MAST ARM POLE W/MAST ARM
 - EXISTING HANDHOLE
 - EXISTING DOUBLE HANDHOLE
 - EXISTING SIGNAL CONTROLLER
 - EXISTING ELECTRIC CABLE IN CONDUIT (LENGTH-DIA-TYPE)
 - PROPOSED ELECTRIC CABLE, SIGNAL 2C IN U.G. CONDUIT, COILABLE NON-METALLIC, 1" DIA.



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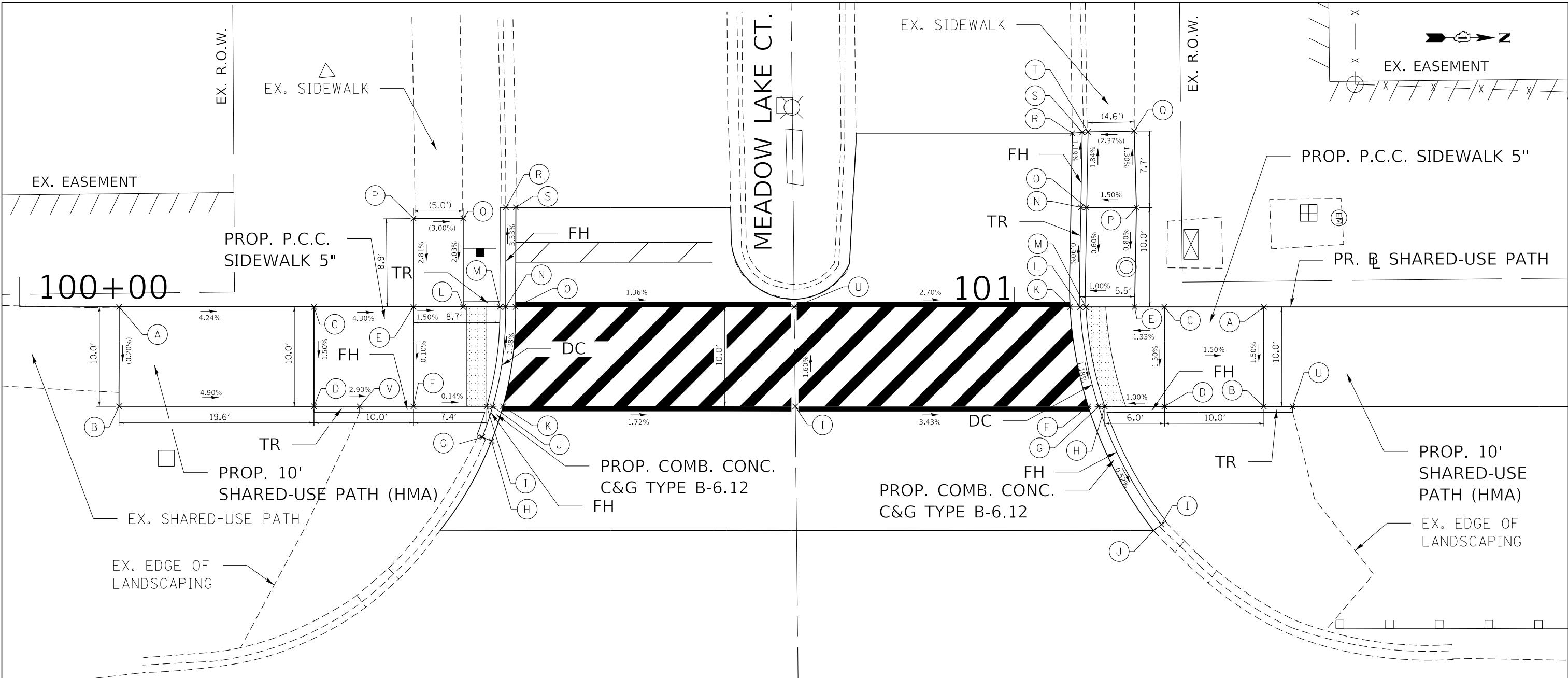
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	30
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



NOTE:
THE PROPOSED SIDE CURBS ARE INCLUDED IN THE AREA OF P.C.C. SIDEWALK 5".

IL ROUTE 50 (CICERO AVE.)

LEGEND

- (xx.xx') EXISTING LENGTH/ELEVATION
- (%) EXISTING SLOPE
- PROPOSED SIDE CURB
- FH FULL HEIGHT CURB (6" OR MATCH EXISTING)
- PROPOSED SHARED-USE PATH/SIDEWALK
- ▨ DETECTABLE WARNINGS
- TR TRANSITION CURB TO FULL HEIGHT OR MATCH EXISTING
- DC DEPRESSED CURB

0 5 10 15
SCALE IN FEET

SOUTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1756523.2920	1148844.7282	(722.44)
B		1756523.2920	1148854.7282	722.42
C		1756542.8913	1148844.7282	721.51
D	BOTTOM/TOP OF CURB	1756542.8913	1148854.7282	721.46/721.46
E		1756552.8913	1148844.7282	721.18
F	BOTTOM/TOP OF CURB	1756552.8913	1148854.7282	721.17/721.67
G	BOTTOM/TOP OF CURB	1756559.8181	1148857.8192	(721.25)/(721.75)
H	EDGE OF PAVEMENT	1756560.7415	1148858.2038	(721.26)
I	BOTTOM/TOP OF CURB	1756560.2518	1148854.7282	721.16/721.66
J	BOTTOM/TOP OF CURB	1756560.8586	1148854.7282	721.14/721.64
K	EDGE OF PAVEMENT	1756561.8970	1148854.7282	721.18
L	BOTTOM/TOP OF CURB	1756557.8913	1148844.7282	721.11/721.11
M	BOTTOM/TOP OF CURB	1756561.5710	1148844.7282	721.05/721.55
N	BOTTOM/TOP OF CURB	1756562.1543	1148844.7282	721.00/721.50
O	EDGE OF PAVEMENT	1756563.1543	1148844.7282	721.05
P		1756552.8913	1148835.8413	(721.43)
Q		1756557.8913	1148835.8423	(721.28)
R	BOTTOM/TOP OF CURB	1756562.1823	1148834.7282	(720.77)/(721.10)
S	EDGE OF PAVEMENT	1756563.1823	1148834.7282	(720.78)
T	CENTERLINE	1756591.2767	1148854.7282	720.44
U	CENTERLINE	1756591.1731	1148844.7282	720.28
V	BOTTOM/TOP OF CURB	1756547.4768	1148854.7282	721.33/721.83

NORTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1756638.3954	1148844.7282	719.46
B	BOTTOM/TOP OF CURB	1756638.3954	1148854.7282	719.31/719.46
C		1756628.3954	1148844.7282	719.61
D	BOTTOM/TOP OF CURB	1756628.3954	1148854.7282	719.46/719.96
E		1756625.3939	1148844.7282	719.57
F	EDGE OF PAVEMENT	1756620.7307	1148854.7282	719.41
G	BOTTOM/TOP OF CURB	1756621.7813	1148854.7282	719.36/719.86
H	BOTTOM/TOP OF CURB	1756622.3954	1148854.7282	719.40/719.90
I	BOTTOM/TOP OF CURB	1756628.0965	1148866.5984	(719.29)/(719.71)
J	EDGE OF PAVEMENT	1756627.2990	1148867.2019	(719.32)
K	HIGH POINT	1756618.9096	1148844.7282	719.53
L	BOTTOM/TOP OF CURB	1756619.9110	1148844.7282	719.48/719.48
M	BOTTOM/TOP OF CURB	1756620.4952	1148844.7282	719.52/719.52
N	BOTTOM/TOP OF CURB	1756619.9899	1148834.7177	719.39/719.58
O	TOP OF CURB	1756620.5731	1148834.7282	719.58
P		1756625.5739	1148834.7282	719.65
Q		1756625.3493	1148827.0433	(719.55)
R	EDGE OF PAVEMENT	1756619.1241	1148827.2566	(719.33)
S	BOTTOM/TOP OF CURB	1756620.1258	1148827.1736	(719.30)/(719.44)
T	TOP OF CURB	1756620.7101	1148827.1252	(719.44)
U	BOTTOM/TOP OF CURB	1756641.2866	1148854.7282	719.19/719.19

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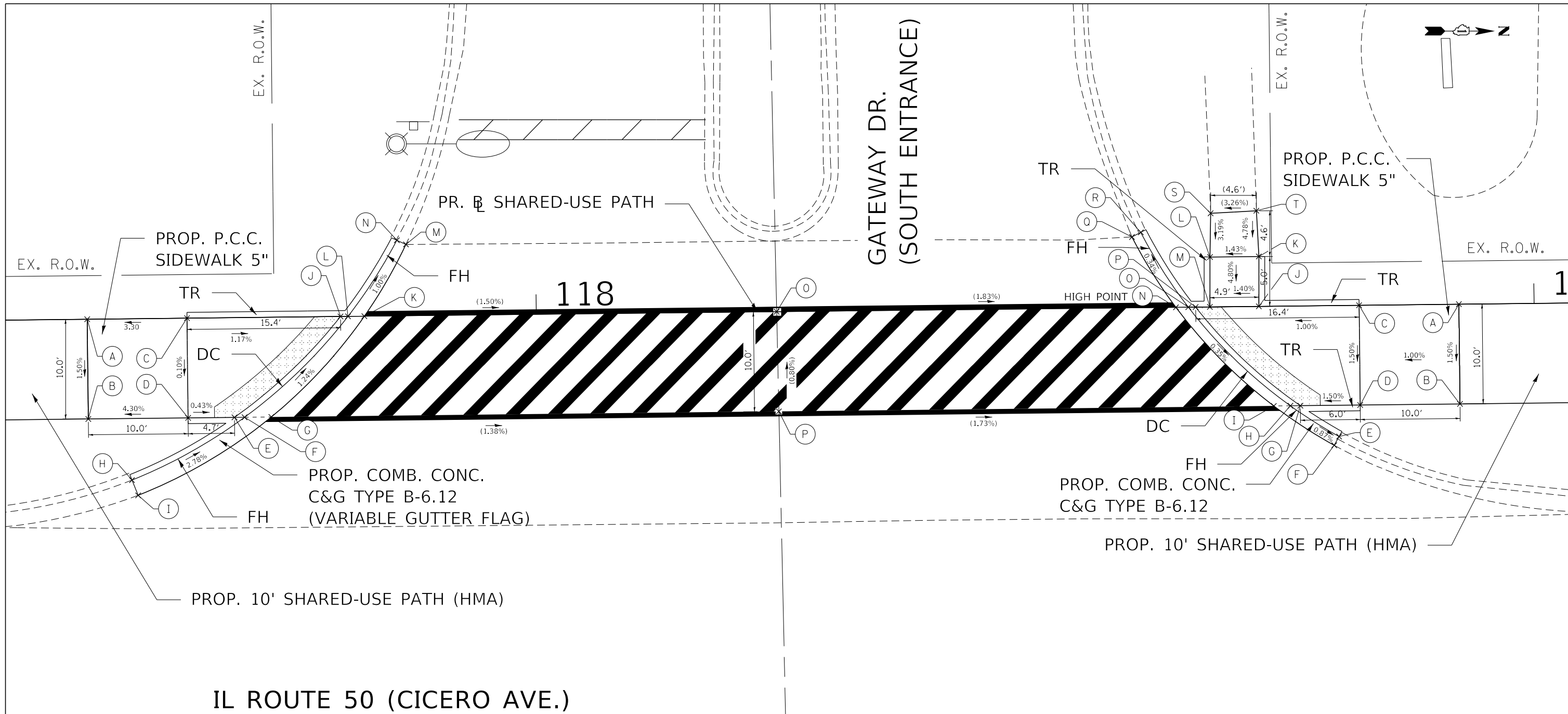
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS

SCALE: 1" = 10' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 31
CONTRACT NO. 61G45				
ILLINOIS		FED. AID PROJECT		



IL ROUTE 50 (CICERO AVE.)

SOUTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1758264.1925	1148839.2081	714.06
B		1758264.3035	1148849.2075	713.91
C	BOTTOM/TOP OF CURB	1758274.1919	1148839.0971	714.35/714.35
D	BOTTOM/TOP OF CURB	1758274.3029	1148849.0965	714.34/714.34
E	BOTTOM/TOP OF CURB	1758278.9526	1148849.0448	714.32/714.82
F	BOTTOM/TOP OF CURB	1758279.9639	1148849.0336	714.31/714.81
G	EDGE OF PAVEMENT	1758282.6427	1148849.0039	714.34
H	BOTTOM/TOP OF CURB	1758268.6827	1148855.3331	(714.67)/(715.06)
I	EDGE OF PAVEMENT	1758269.2993	1148856.8599	(714.68)
J	BOTTOM/TOP OF CURB	1758289.5770	1148838.9262	714.17/714.67
K	EDGE OF PAVEMENT	1758291.9672	1148838.8997	714.18
L	BOTTOM/TOP OF CURB	1758290.3264	1148838.9136	714.13/714.63
M	EDGE OF PAVEMENT	1758296.1264	1148831.7053	(714.13)
N	BOTTOM/TOP OF CURB	1758295.2198	1148831.2830	(714.04)/(714.22)
O	CENTERLINE	1758333.2846	1148838.4409	(713.56)
P	CENTERLINE	1758333.5056	1148848.4391	(713.64)

NORTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1758401.6508	1148837.6817	713.13
B		1758401.7618	1148847.6811	712.98
C	BOTTOM/TOP OF CURB	1758391.6514	1148837.7928	713.03/713.03
D	BOTTOM/TOP OF CURB	1758391.7624	1148847.7921	712.88/712.88
E	BOTTOM/TOP OF CURB	1758389.6446	1148850.9535	(712.68)/(713.10)
F	EDGE OF PAVEMENT	1758389.1607	1148851.8287	(712.70)
G	BOTTOM/TOP OF CURB	1758385.7628	1148847.8588	712.79/713.29
H	BOTTOM/TOP OF CURB	1758384.7666	1148847.8698	712.75/713.25
I	EDGE OF PAVEMENT	1758383.1082	1148847.8883	(712.78)
J	BOTTOM/TOP OF CURB	1758381.6028	1148837.9043	712.94/713.44
K	BOTTOM/TOP OF CURB	1758381.6060	1148832.9040	713.18/713.18
L	BOTTOM/TOP OF CURB	1758376.7060	1148832.9584	713.11/713.11
M	BOTTOM/TOP OF CURB	1758376.7028	1148837.9588	712.87/713.37
N	HIGH POINT	1758373.2915	1148837.9966	(712.83)
O	BOTTOM/TOP OF CURB	1758374.5364	1148837.9828	712.80/713.30
P	BOTTOM/TOP OF CURB	1758375.2692	1148837.9747	712.86/713.36
Q	EDGE OF PAVEMENT	1758368.8870	1148830.9491	(712.78)
R	BOTTOM/TOP OF CURB	1758369.7736	1148830.4866	(712.77)/(713.17)
S		1758376.7693	1148828.5713	(713.25)
T		1758381.3539	1148828.3165	(713.40)

LEGEND

(xx.xx') EXISTING LENGTH/ELEVATION PROPOSED SHARED-USE PATH/SIDEWALK

(%) EXISTING SLOPE DETECTABLE WARNINGS

PROPOSED SIDE CURB TR TRANSITION CURB TO FULL HEIGHT OR MATCH EXISTING

FH FULL HEIGHT CURB (6" OR MATCH EXISTING) DC DEPRESSED CURB

0 5 10 15
SCALE IN FEET

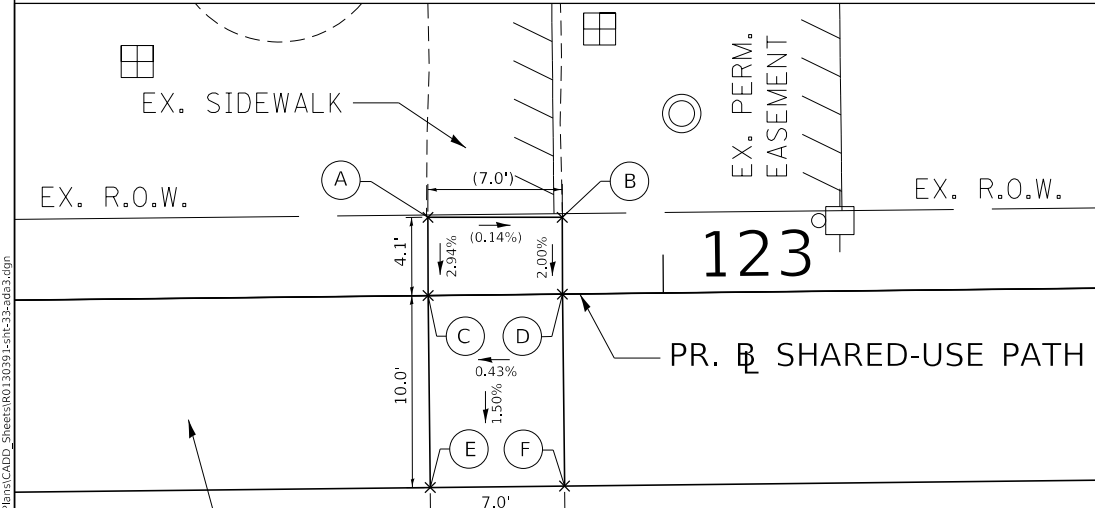
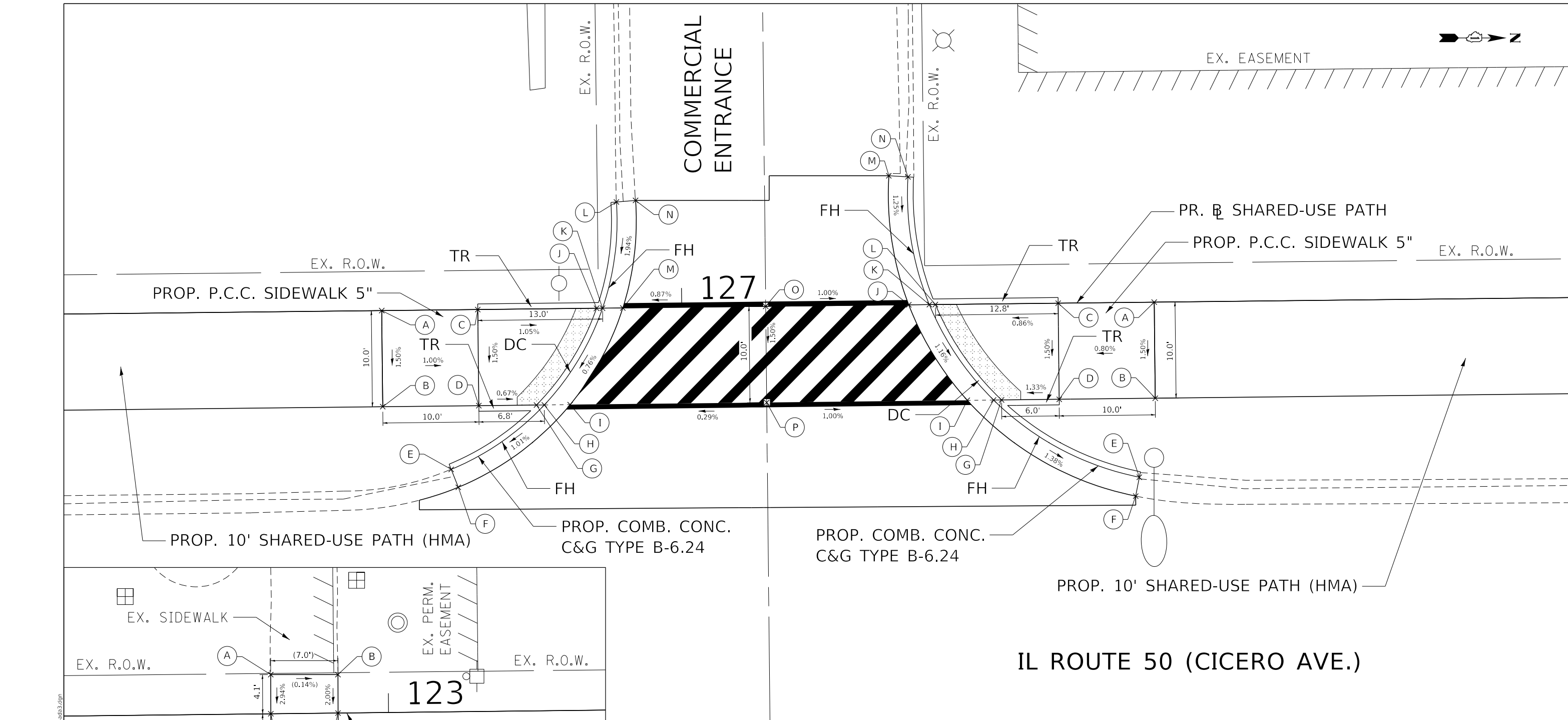
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PLOT DATE = 8/26/2020	CHECKED - MAM	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
SCALE: 1" = 10' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	32
CONTRACT NO. 61G45				
ILLINOIS		FED. AID PROJECT		



POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1758796.8894	1148829.2150	(710.94)
B		1758803.8895	1148829.2150	(710.93)
C		1758796.9017	1148833.2927	710.82
D		1758803.9015	1148833.2149	710.85
E		1758797.0128	1148843.2921	710.67
F		1758804.0125	1148843.2143	710.70

LEGEND

- (xx.xx') EXISTING LENGTH/ELEVATION
- (%) EXISTING SLOPE
- PROPOSED SIDE CURB
- FH FULL HEIGHT CURB (6" OR MATCH EXISTING)
- ▭ PROPOSED SHARED-USE PATH/SIDEWALK
- ▨ DETECTABLE WARNINGS
- TR TRANSITION CURB TO FULL HEIGHT OR MATCH EXISTING
- DC DEPRESSED CURB

SCALE IN FEET

SOUTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1759177.9105	1148829.0618	710.66
B		1759178.0216	1148839.0611	710.51
C	BOTTOM/TOP OF CURB	1759187.9099	1148828.9507	710.56/710.56
D	BOTTOM/TOP OF CURB	1759188.0209	1148838.9501	710.41/710.41
E	BOTTOM/TOP OF CURB	1759185.1457	1148845.5831	(710.21)/(710.71)
F	EDGE OF PAVEMENT	1759185.8839	1148847.4421	(710.23)
G	BOTTOM/TOP OF CURB	1759194.0206	1148838.8835	710.37/710.87
H	BOTTOM/TOP OF CURB	1759194.8366	1148838.8744	710.33/710.83
I	EDGE OF PAVEMENT	1759197.5270	1148838.8445	710.50
J	BOTTOM/TOP OF CURB	1759200.2767	1148828.8134	710.43/710.93
K	BOTTOM/TOP OF CURB	1759200.8965	1148828.8065	710.42/710.92
L	BOTTOM/TOP OF CURB	1759202.3417	1148817.7538	(710.74)/(711.12)
M	EDGE OF PAVEMENT	1759203.0101	1148828.7830	710.53
N	EDGE OF PAVEMENT	1759204.3350	1148817.5893	(710.76)
O	CENTERLINE	1759217.8807	1148828.6179	710.66
P	CENTERLINE	1759217.9842	1148838.6174	710.56

NORTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1759258.3242	1148828.1688	710.65
B		1759258.4352	1148838.1682	710.50
C	BOTTOM/TOP OF CURB	1759248.3248	1148828.2798	710.57/710.57
D	BOTTOM/TOP OF CURB	1759248.4358	1148838.2792	710.42/710.42
E	BOTTOM/TOP OF CURB	1759256.7805	1148846.3880	(710.06)/(710.48)
F	EDGE OF PAVEMENT	1759256.3993	1148848.3514	(710.15)
G	BOTTOM/TOP OF CURB	1759242.4362	1148838.3459	710.34/710.84
H	BOTTOM/TOP OF CURB	1759241.6054	1148838.3551	710.30/710.80
I	EDGE OF PAVEMENT	1759238.8672	1148838.3855	710.35
J	EDGE OF PAVEMENT	1759232.7740	1148828.4525	710.51
K	BOTTOM/TOP OF CURB	1759234.9176	1148828.4287	710.44/710.94
L	BOTTOM/TOP OF CURB	1759235.5469	1148828.4217	710.46/710.96
M		1759230.7003	1148815.0243	(710.64)
N	BOTTOM/TOP OF CURB	1759232.6968	1148815.1438	(710.61)/(711.10)

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DRAWN	- AEA
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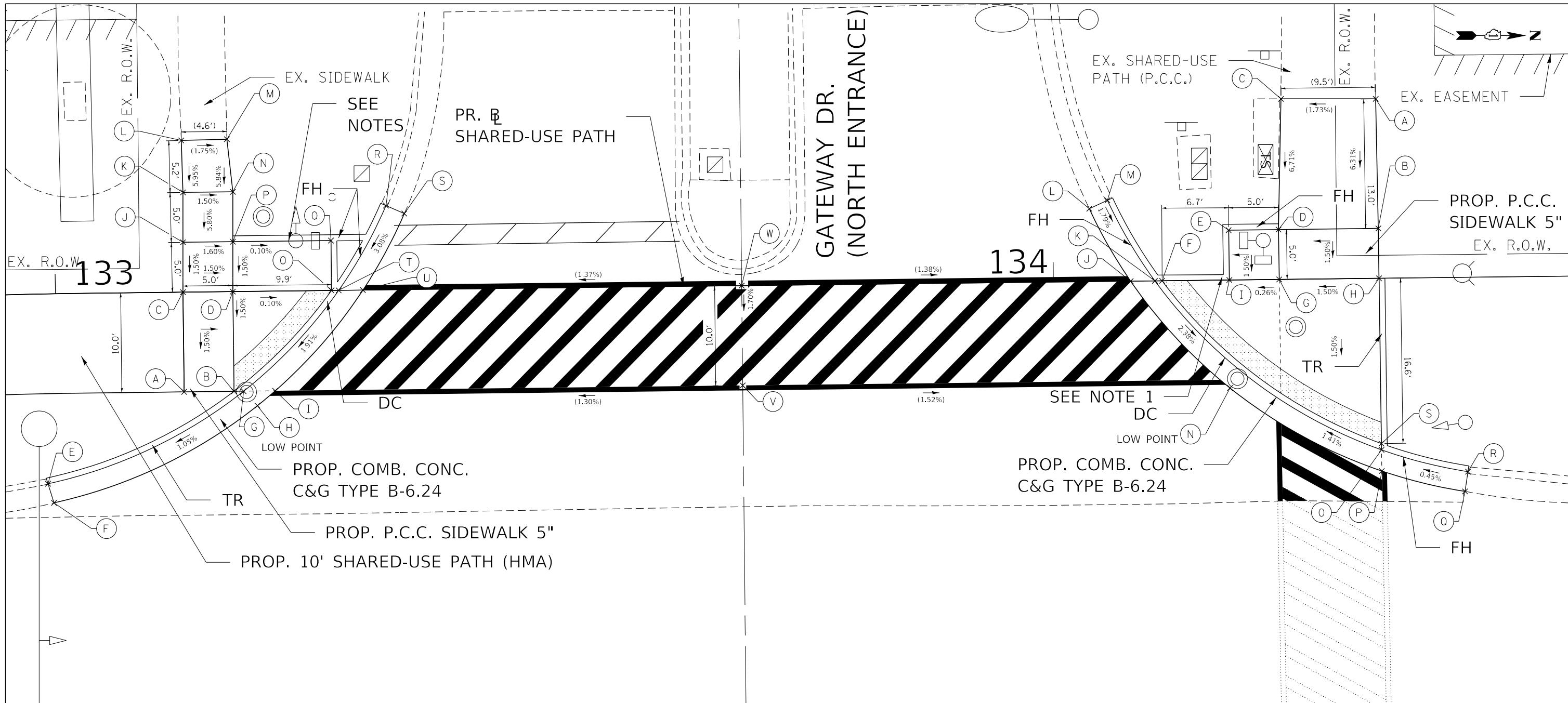
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS

SCALE: 1" = 10' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	33
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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IL ROUTE 50 (CICERO AVE.)

NOTES:

1. THE PROPOSED SIDE CURBS ARE INCLUDED IN THE AREA OF P.C.C. SIDEWALK 5".
2. TOP OF PROPOSED SIDE CURB SHALL MATCH TOP OF EXISTING TRAFFIC SIGNAL POST FOUNDATION.
3. EXISTING TRAFFIC SIGNAL CONDUIT AND CABLES IN CONFLICT WITH THE PROPOSED SHARED-USE PATH PAVEMENT AND SUBBASE OR P.C.C. SIDEWALK SHALL BE RELOCATED BY THE CONTRACTOR WITH THE APPROVAL OF THE ENGINEER. SEE TRAFFIC SIGNAL PLAN FOR MORE DETAILS.

LEGEND

(xx.xx')	EXISTING LENGTH/ELEVATION		PROPOSED SHARED-USE PATH/SIDEWALK
(%)	EXISTING SLOPE		DETECTABLE WARNINGS
—	PROPOSED SIDE CURB	TR	TRANSITION CURB TO FULL HEIGHT OR MATCH EXISTING
FH	FULL HEIGHT CURB (6" OR MATCH EXISTING)	DC	DEPRESSED CURB

0 5 10 15
SCALE IN FEET

SOUTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1759821.9080	1148830.4601	710.28
B	BOTTOM/TOP OF CURB	1759826.9077	1148830.4016	710.21/710.21
C		1759821.7909	1148820.4608	710.43
D		1759826.7905	1148820.4023	710.36
E	BOTTOM/TOP OF CURB	1759808.2721	1148839.6720	(710.19)/(710.60)
F	EDGE OF PAVEMENT	1759808.8692	1148841.5885	(710.31)
G	BOTTOM/TOP OF CURB	1759827.8709	1148830.3903	710.15/710.15
H	LOW POINT	1759829.2549	1148831.8450	(710.07)
I	EDGE OF PAVEMENT	1759831.0368	1148830.3532	(710.18)
J		1759821.7907	1148815.4605	710.51
K		1759821.7905	1148810.4602	710.80
L		1759821.6161	1148805.2506	(711.11)
M		1759826.1913	1148805.1263	(711.03)
N		1759826.7905	1148810.4016	710.72
O	BOTTOM/TOP OF CURB	1759836.6748	1148820.2865	710.35/710.85
P	BOTTOM/TOP OF CURB	1759826.7905	1148815.4019	710.43/710.43
Q	BOTTOM/TOP OF CURB	1759836.6225	1148815.2867	710.42/710.92
R	BOTTOM/TOP OF CURB	1759842.1357	1148811.7754	(710.61)/(710.93)
S	EDGE OF PAVEMENT	1759843.9690	1148812.5748	(710.63)
T	BOTTOM/TOP OF CURB	1759837.3941	1148820.2789	710.31/710.81
U	EDGE OF PAVEMENT	1759839.8279	1148820.2535	(710.44)
V	CENTERLINE	1759877.8806	1148829.8044	(710.79)
W	CENTERLINE	1759877.7771	1148819.8049	(710.96)

NORTH QUADRANT				
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
A		1759941.3112	1148801.0663	(711.42)
B		1759941.5763	1148814.0571	710.60
C		1759931.8216	1148801.0663	(711.32)
D	BOTTOM/TOP OF CURB	1759931.5769	1148814.1742	710.44/710.44
E	BOTTOM/TOP OF CURB	1759926.5773	1148814.2328	710.37/710.87
F	BOTTOM/TOP OF CURB	1759919.9097	1148819.3112	710.34/710.84
G		1759931.6508	1148819.1737	710.37
H	BOTTOM/TOP OF CURB	1759941.6501	1148819.0565	710.52/710.52
I	BOTTOM/TOP OF CURB	1759926.6511	1148819.2323	710.35/710.85
J	EDGE OF PAVEMENT	1759916.7606	1148819.3481	(710.42)
K	BOTTOM/TOP OF CURB	1759919.1914	1148819.3197	710.30/710.80
L	EDGE OF PAVEMENT	1759912.6163	1148812.0870	(710.57)
M	BOTTOM/TOP OF CURB	1759941.4285	1148811.2408	(710.50)/(710.97)
N	LOW POINT	1759926.7193	1148830.0573	(710.05)
O	BOTTOM/TOP OF CURB	1759941.9041	1148836.2542	710.24/710.74
P	EDGE OF PAVEMENT	1759941.9355	1148838.3818	710.34/710.34
Q	EDGE OF PAVEMENT	1759950.2748	1148840.4253	(710.40)
R	BOTTOM/TOP OF CURB	1759950.5686	1148838.4469	(710.28)/(710.72)
S	BOTTOM/TOP OF CURB	1759941.8949	1148835.6314	710.27/710.77

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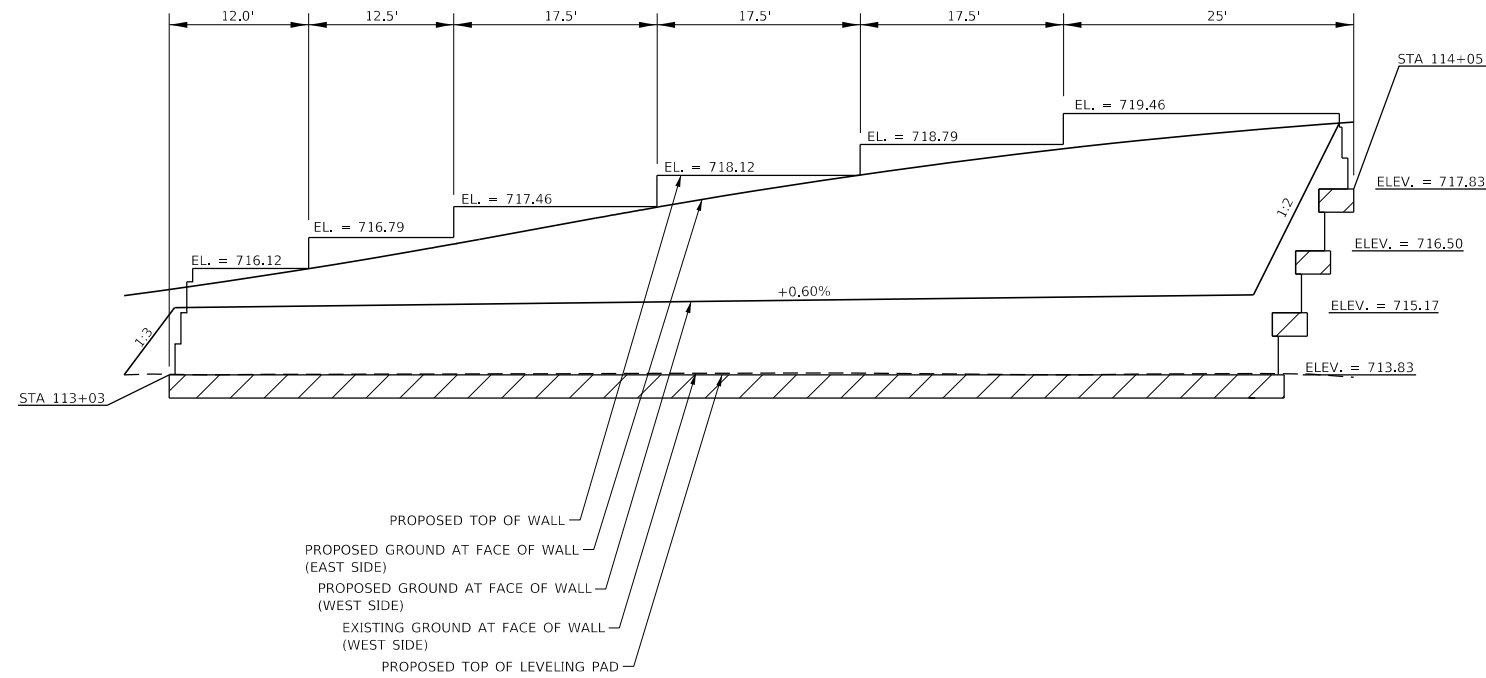
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS

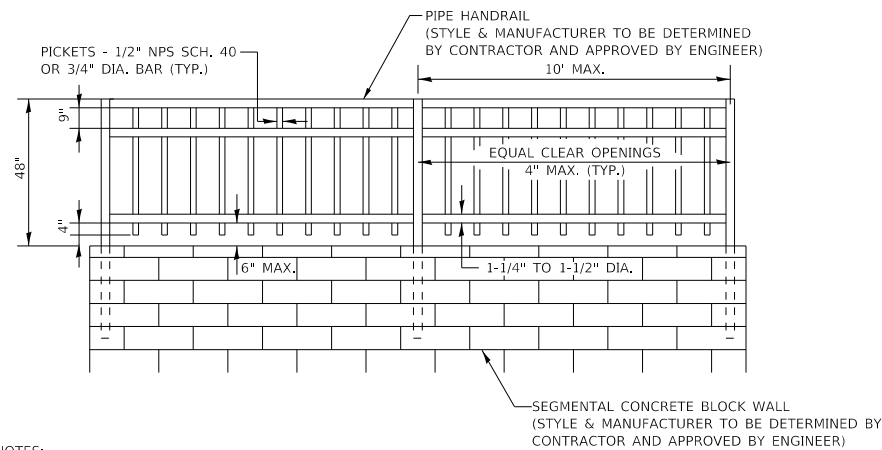
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	34
CONTRACT NO. 61G45				
		ILLINOIS	FED. AID PROJECT	



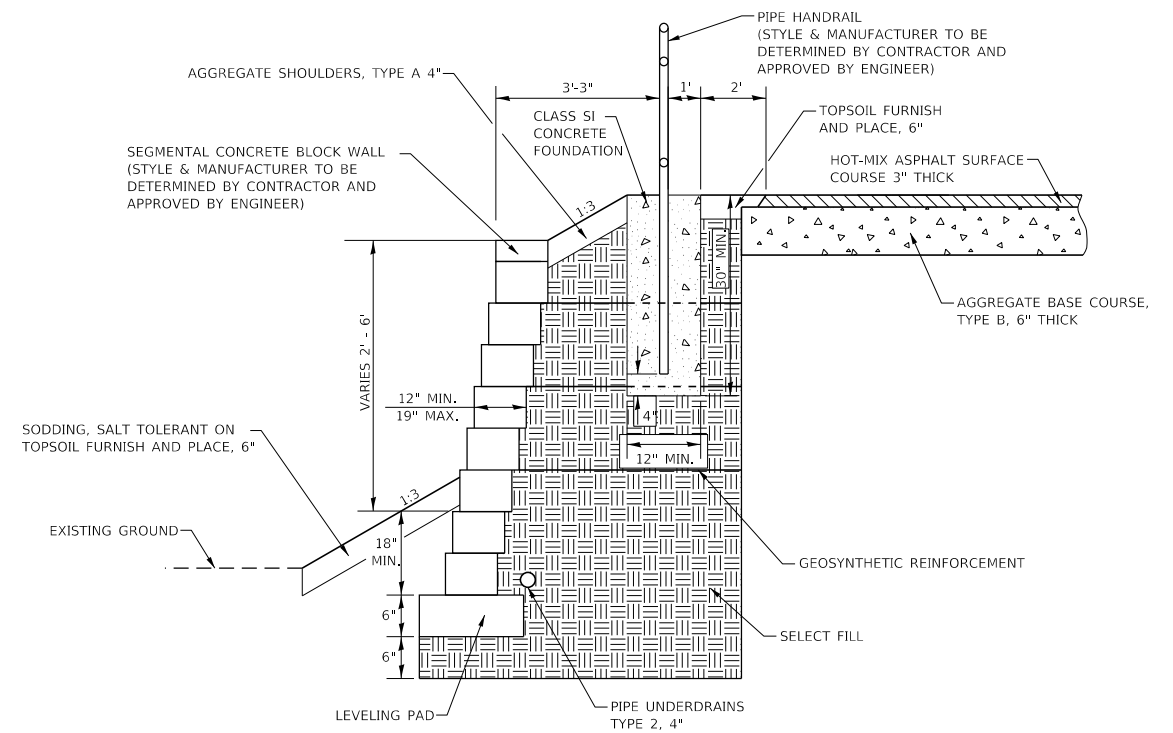
**SEGMENTAL CONCRETE BLOCK WALL
ELEVATION**

- NOTES:**
1. ALL ELEVATIONS AND DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. THE EXACT ELEVATIONS AND DIMENSIONS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER BASED ON THE MANUFACTURER'S RECOMMENDATIONS.
 2. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SEALED BY AN ILLINOIS STRUCTURAL ENGINEER.



- NOTES:**
1. ALL POSTS AND RAILS SHALL CONFORM TO SECTION 509 OF THE STANDARD SPECIFICATIONS.
 2. EXPOSED EDGES OF PIPE RAIL AND PIPE RAIL POSTS SHALL BE ROUNDED OR CHAMFERED TO APPROXIMATELY 1/18" BY GRINDING.
 3. ERECTION DRAWINGS DEPICTING PANEL LENGTHS, SPLICE LOCATIONS, RAIL POSTS SPACINGS, AND ANCHORAGE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. SHOP DRAWINGS SHALL BE SEALED BY AN ILLINOIS STRUCTURAL ENGINEER.
 4. THE DIAMETER OF THE GRIPPING SURFACE OF THE HANDRAIL SHALL BE 1-1/4" TO 1-1/2".
 5. THE FINISH SHALL BE UV-STABILIZED, POWDER-COATED, BLACK ENAMEL. NO FIELD PAINTING SHALL BE ALLOWED.

**PIPE HANDRAIL
FOR SEGMENTAL CONCRETE BLOCK WALL**



- NOTES:**
1. THE LOCATION AND LENGTH OF THE GEOSYNTHETIC REINFORCEMENT IS SHOWN FOR REFERENCE ONLY. THE EXACT LOCATION AND LENGTH OF GEOSYNTHETIC REINFORCEMENT SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER BASED ON THE MANUFACTURER'S RECOMMENDATIONS.
 2. THE LOCATION OF PIPE UNDERDRAINS, TYPE 2, 4" IS SHOWN FOR REFERENCE ONLY. THE EXACT LOCATION AND LENGTH SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER BASED ON THE MANUFACTURER'S RECOMMENDATIONS.
 3. THE LOCATION OF THE LEVELING PAD AND AMOUNT OF SETBACK/BATTER FOR THE SEGMENTAL BLOCK RETAINING WALL ARE SHOWN FOR REFERENCE ONLY. EXACT LOCATION AND DESIGN SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER BASED ON THE MANUFACTURER'S RECOMMENDATIONS.
 4. THE LOCATION AND AREA OF THE SELECT FILL IS SHOWN FOR REFERENCE ONLY. THE EXACT LOCATION AND AREA SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER BASED ON THE MANUFACTURER'S RECOMMENDATIONS.
 5. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SEALED BY AN ILLINOIS STRUCTURAL ENGINEER.

**SEGMENTAL CONCRETE BLOCK WALL
WITH PIPE HANDRAIL, SPECIAL**

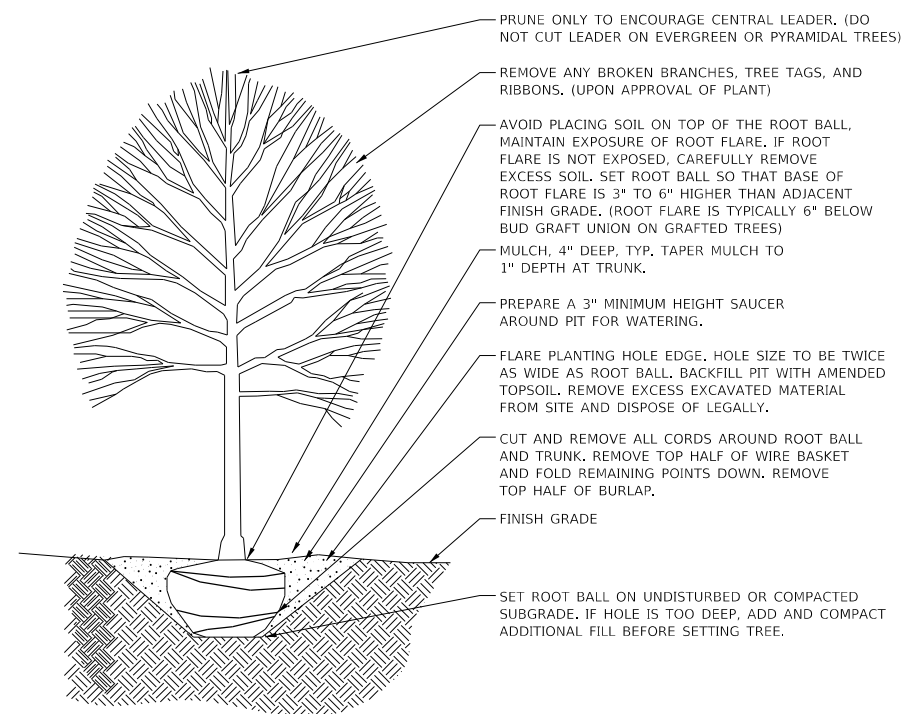
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE	SHEET 1	OF 2	SHEETS	STA.	TO STA.
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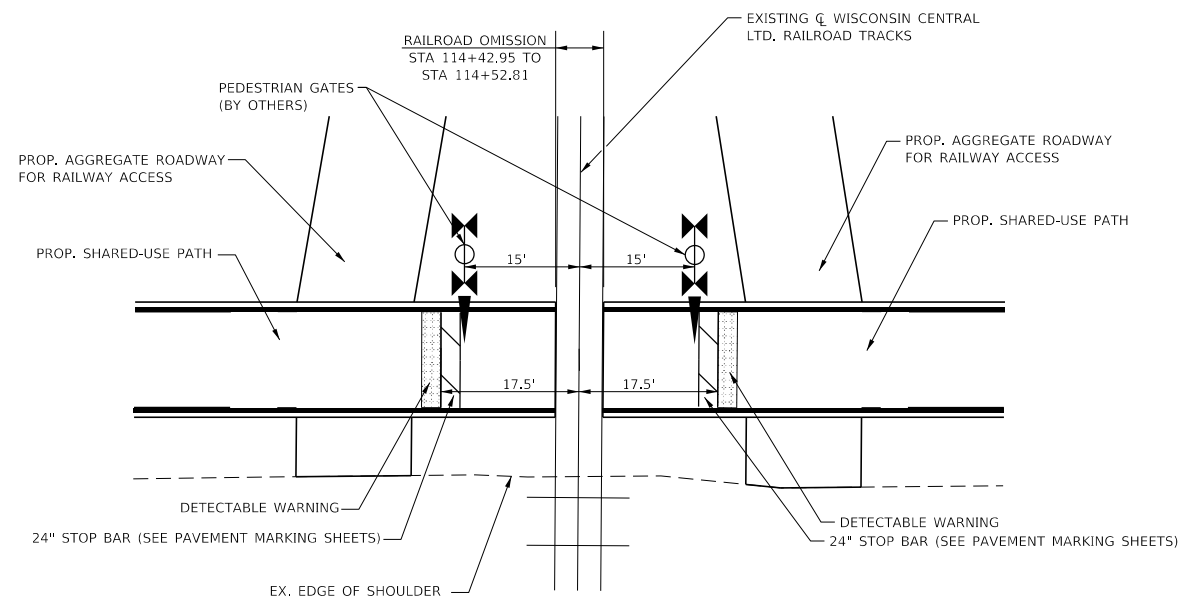
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CONTRACT NO. 61G45				
ILLINOIS		FED. AID PROJECT		



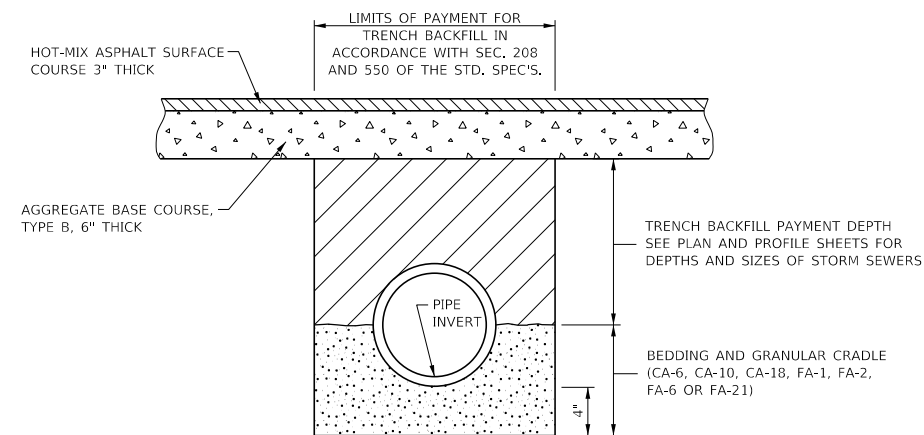
NOTES:

1. CONTRACTOR RESPONSIBLE FOR RESTORATION OF ANY UNAUTHORIZED DISRUPTION OUTSIDE OF DESIGNATED CONSTRUCTION AREA.
2. TREE MULCH RINGS ARE 5' DIAMETER, TYPICAL.
3. DO NOT LOCATE PLANTS WITHIN 10' OF UTILITY STRUCTURES. DO NOT LOCATE PLANTS WITHIN 5' HORIZONTALLY OF UNDERGROUND UTILITY LINES.
4. NO ADDITIONAL PAYMENTS WILL BE MADE FOR MATERIALS REQUIRED TO COMPLETE THE WORK AS SHOWN.

DECIDUOUS TREE PLANTING DETAIL



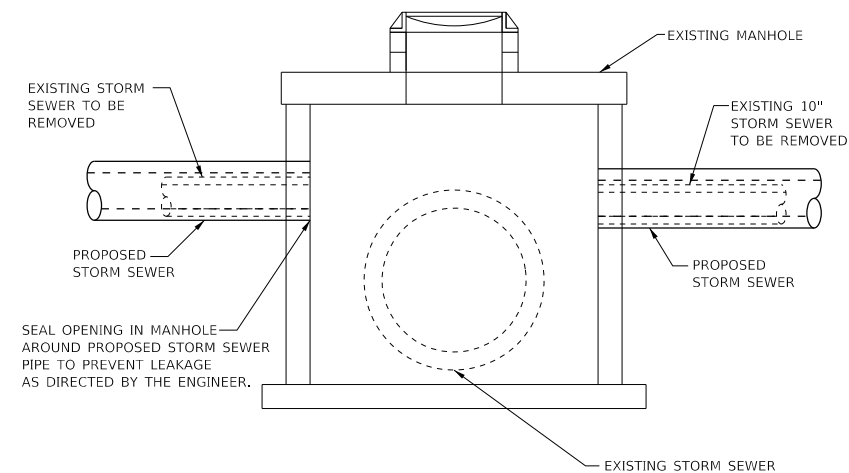
RAILROAD PEDESTRIAN CROSSING DETAIL



NOTES:

1. THE APPLICABLE ARTICLES OF SECTIONS 208 AND 550 OF THE STANDARD SPECIFICATIONS SHALL APPLY FOR EXCAVATION, BEDDING, INSTALLATION OF STORM SEWERS AND BACKFILLING.
2. THE BEDDING AND GRANULAR CRADLE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PIPE MATERIAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

STORM SEWER TYPICAL TRENCH DETAIL



CONNECTION TO EXISTING MANHOLE DETAIL

NOTES:

1. SEE PLAN AND PROFILE SHEETS FOR LOCATIONS OF PROPOSED CONNECTIONS TO EXISTING MANHOLES
2. THE EXISTING STORM SEWERS SHALL BE REMOVED FIRST.
3. EXISTING STORM SEWER HOLES IN MANHOLE SHALL BE CORED TO FIT PROPOSED STORM SEWER IF PROPOSED STORM SEWER HAS LARGER DIAMETER.
4. ONCE PROPOSED STORM SEWERS HAVE BEEN INSTALLED, A NON-SHRINK GROUT SHALL BE APPLIED TO PREVENT LEAKS.

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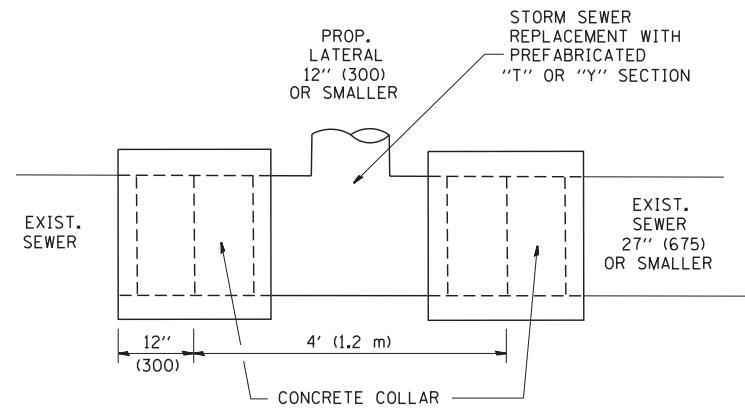
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

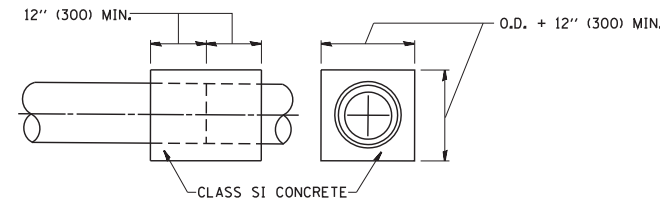
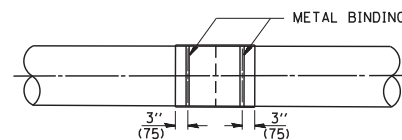
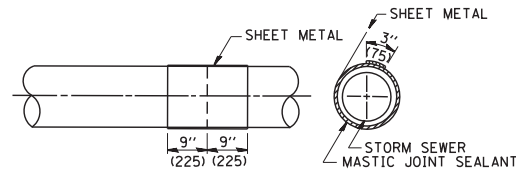
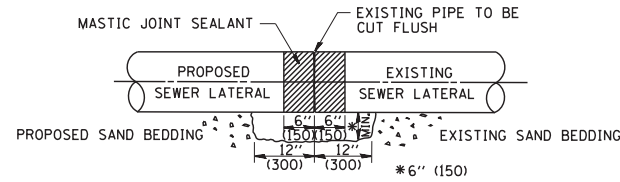
SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	36
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

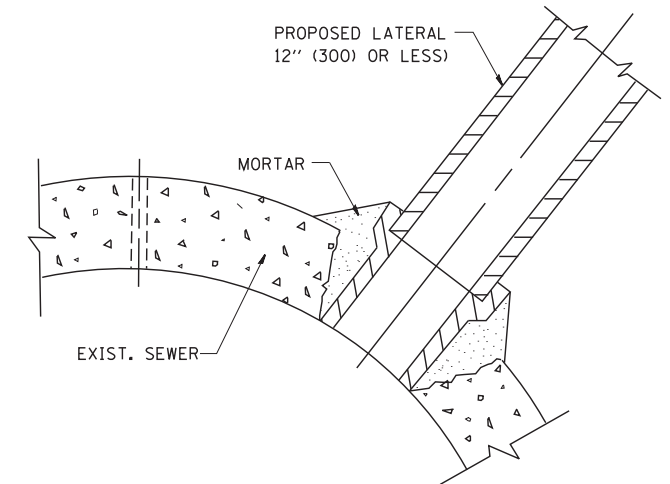


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

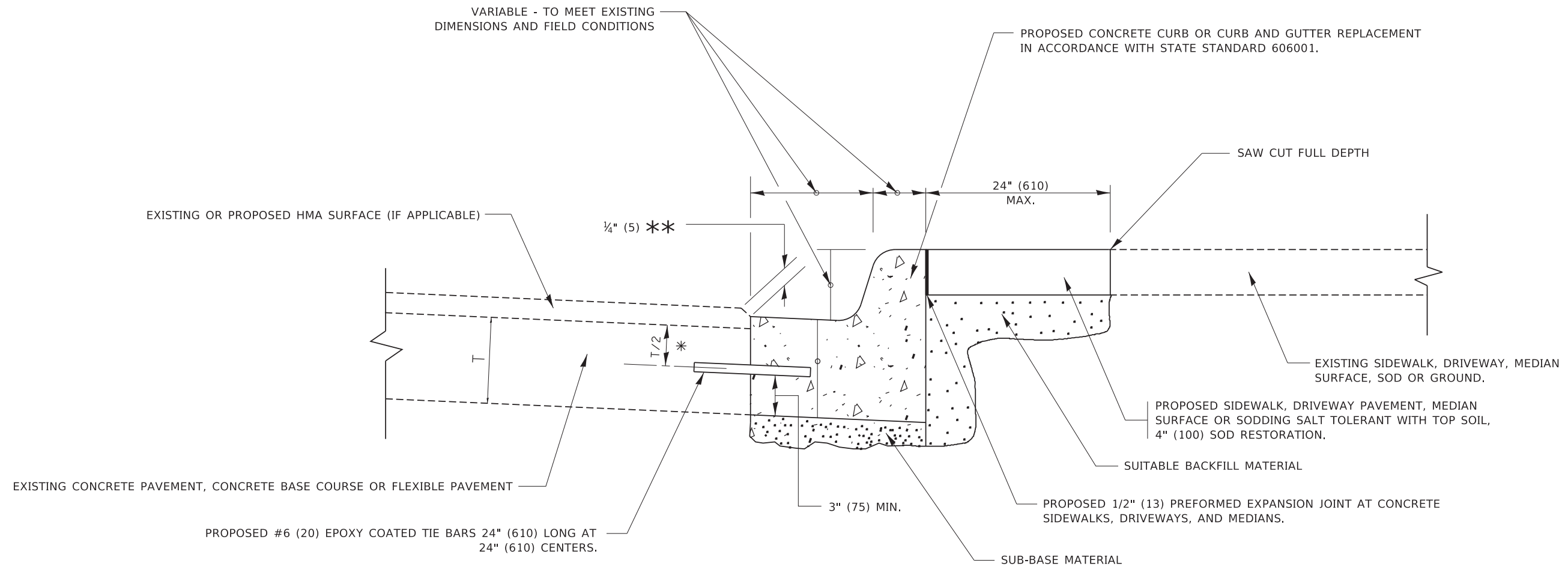
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			66	37
BD500-01 (BD-7)			CONTRACT NO. 61G45	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

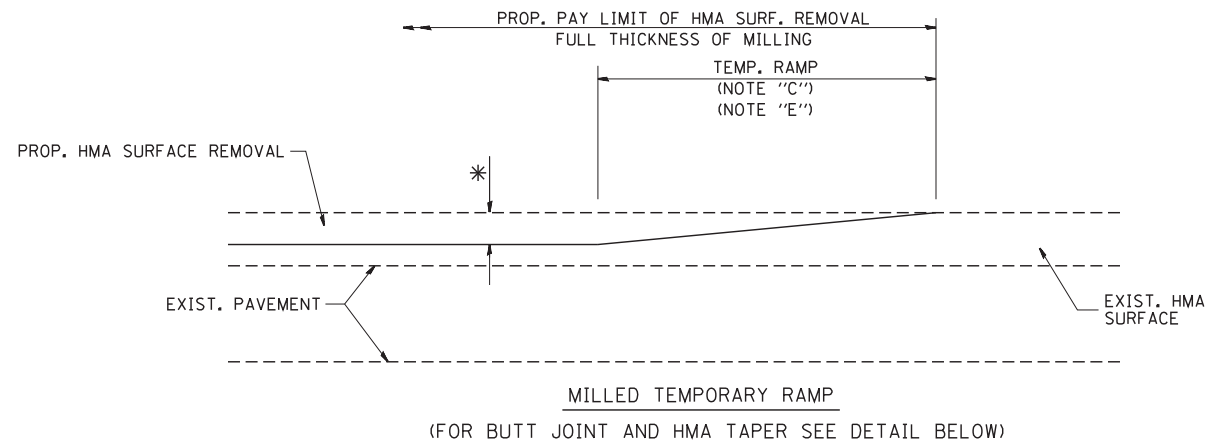
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USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

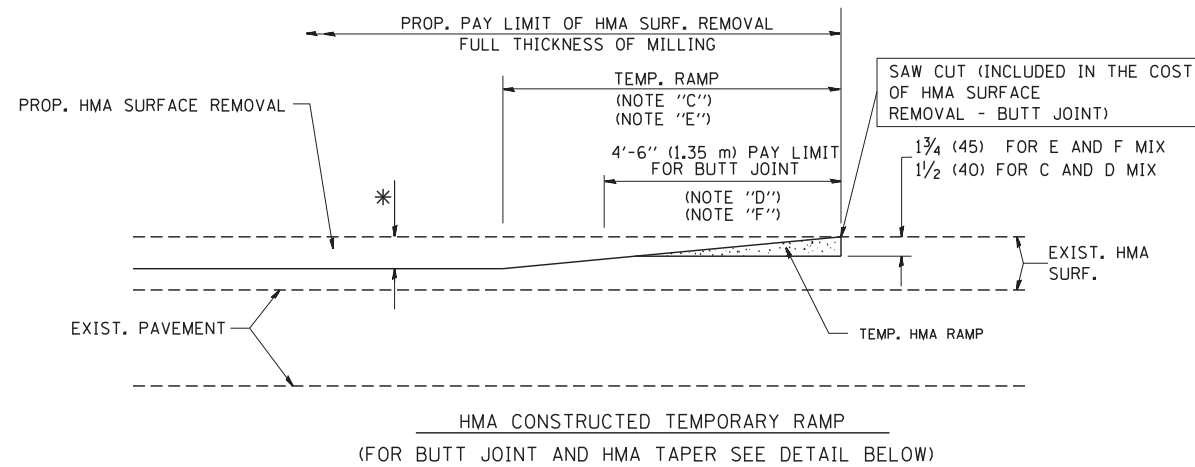
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			66	38
BD600-06 (BD-24)		CONTRACT NO. 61G45		
ILLINOIS FED. AID PROJECT				

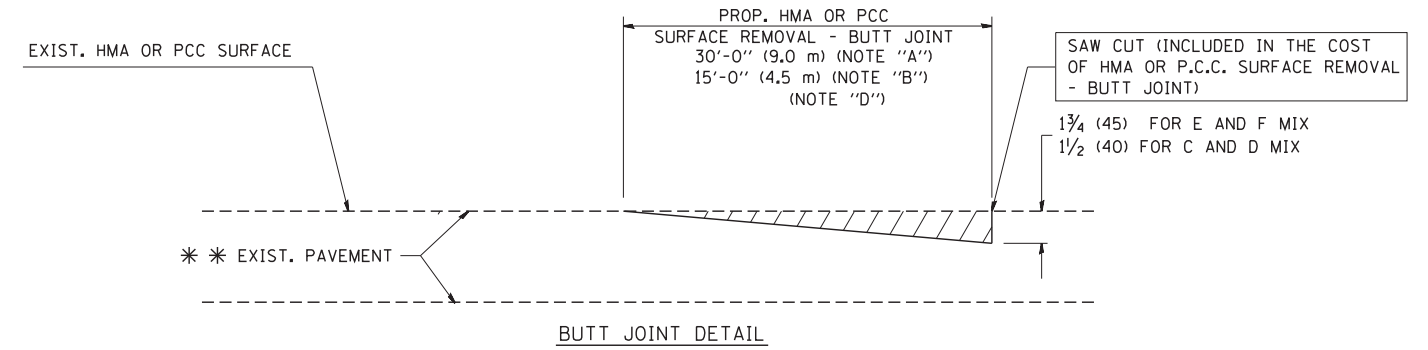


OPTION 1

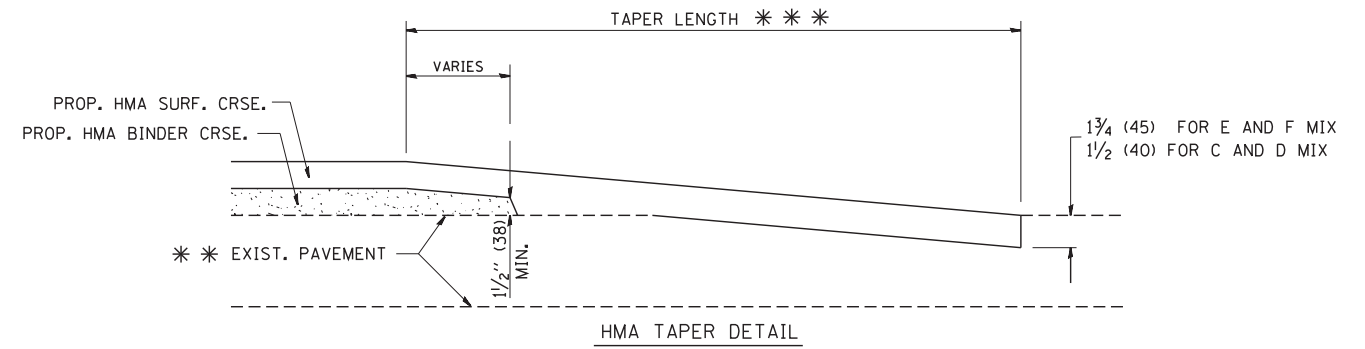


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

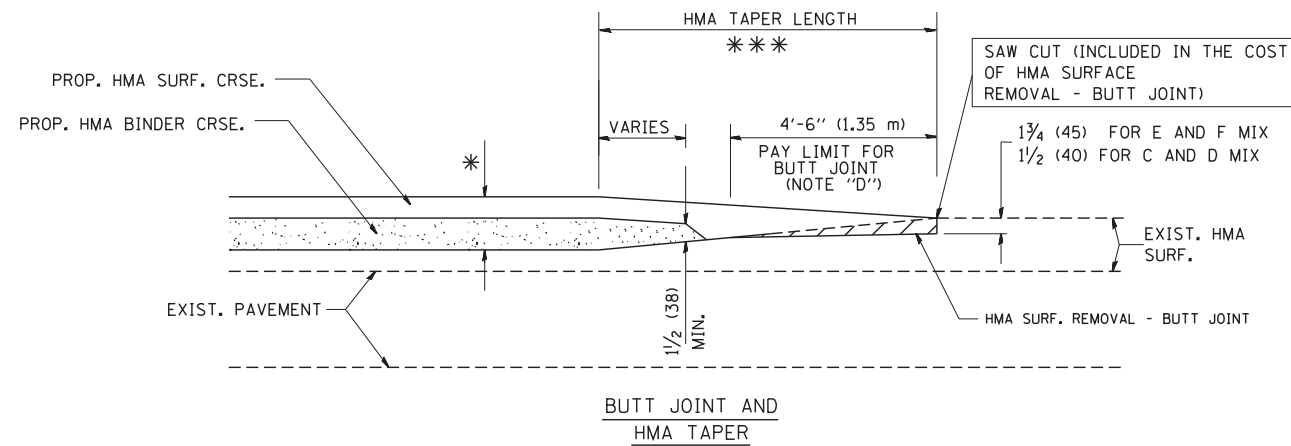
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- * * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



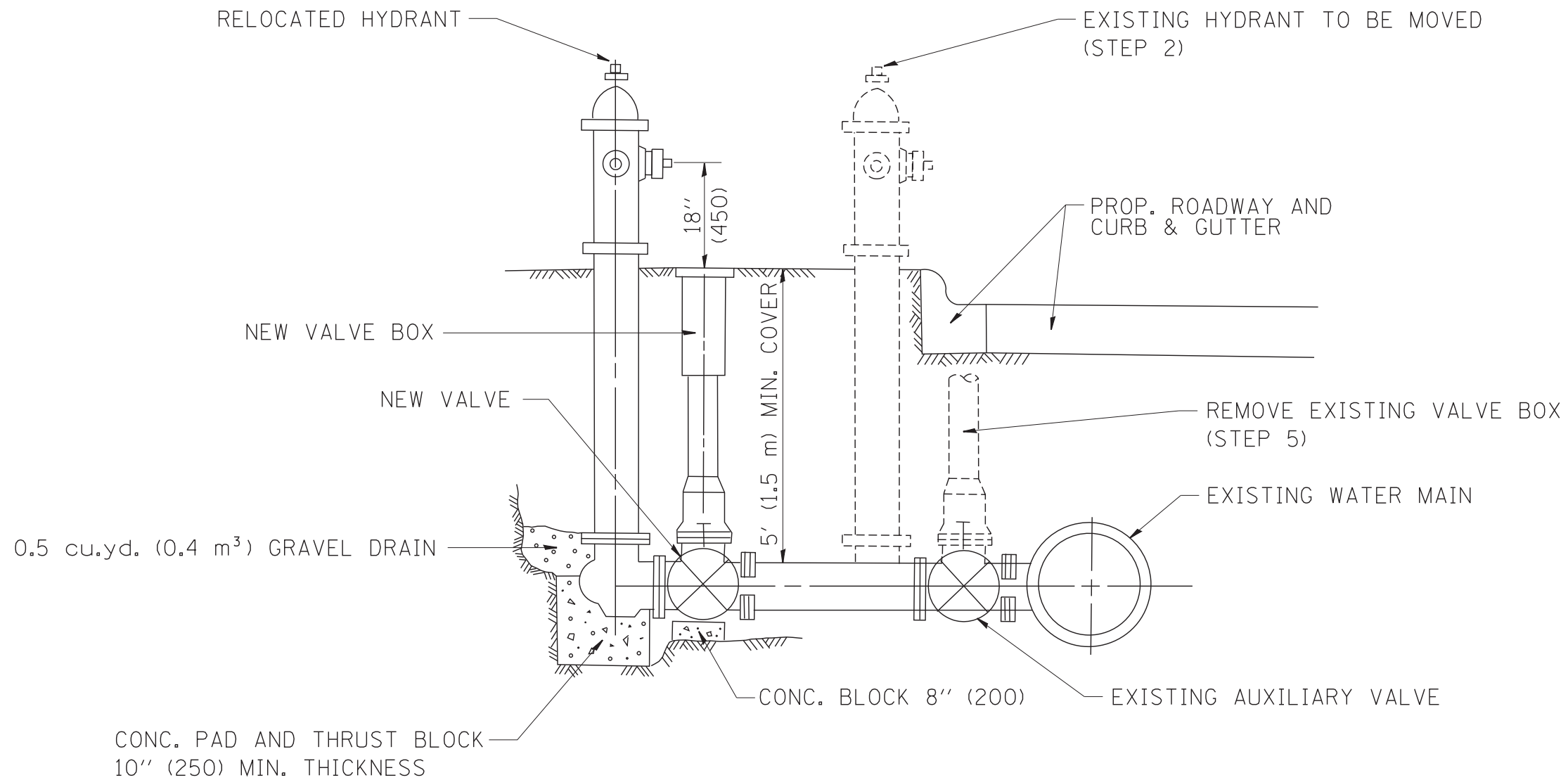
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			66	39
BD400-05 BD32		CONTRACT NO. 61G45		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

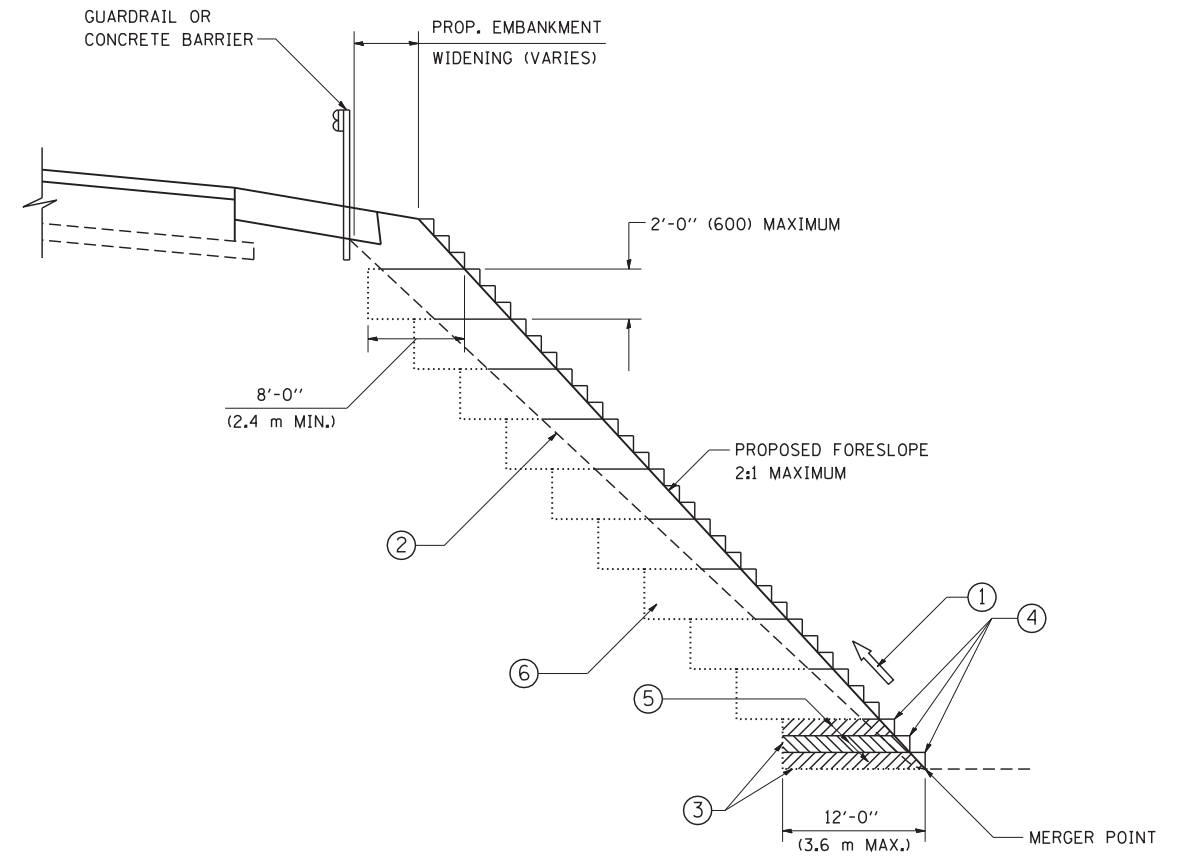
1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

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 = gajlonobt	DESIGNED -	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - R. SHAH 10-25-94								66	40
PLOT DATE = 1/4/2008	CHECKED -	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
									BD-36 CONTRACT NO. 61G45			



TYPICAL BENCHING DETAIL
FOR EMBANKMENT

NOTES:

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

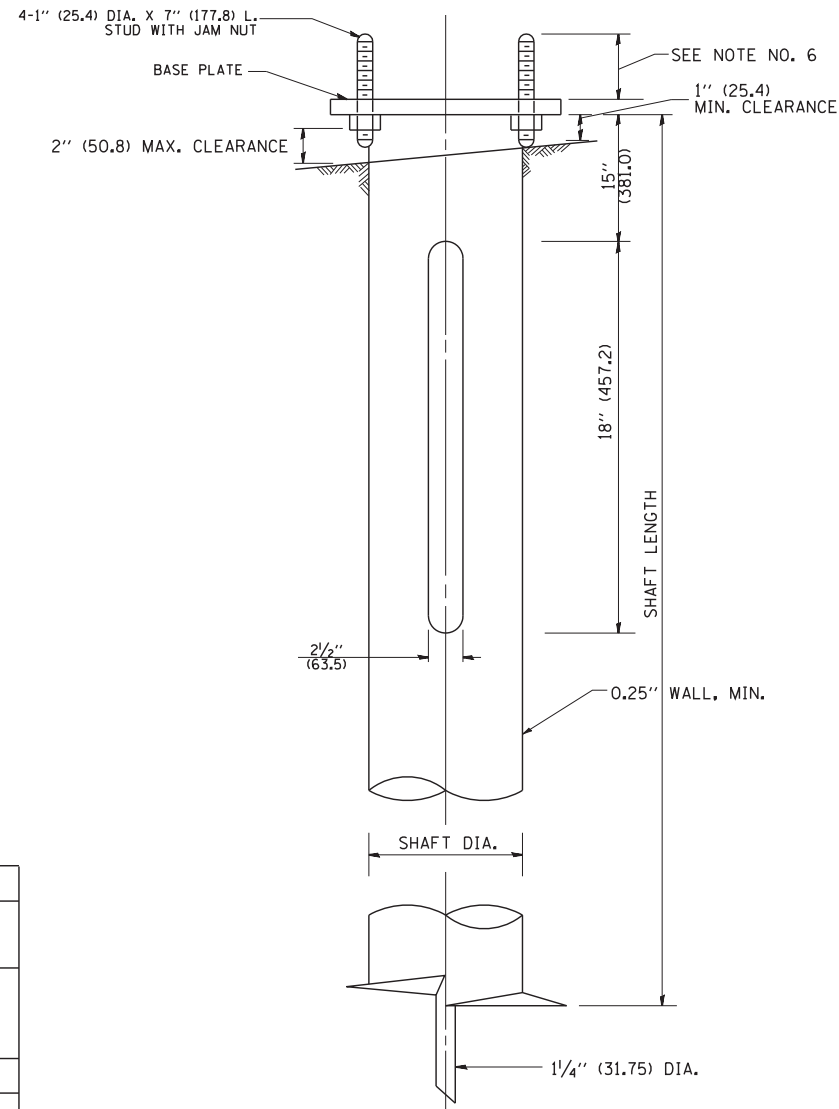
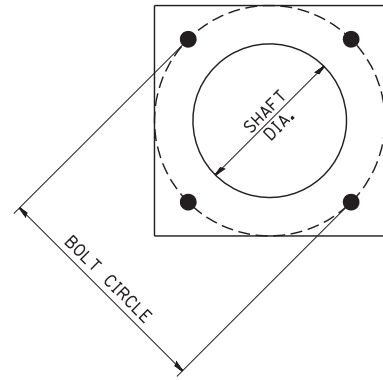
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		DRAWN - CADD	REVISED -
		CHECKED - S.E.B.	REVISED -
		DATE - 06-16-04	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD-51		CONTRACT NO. 61G45		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HELIX FOUNDATION SIZE

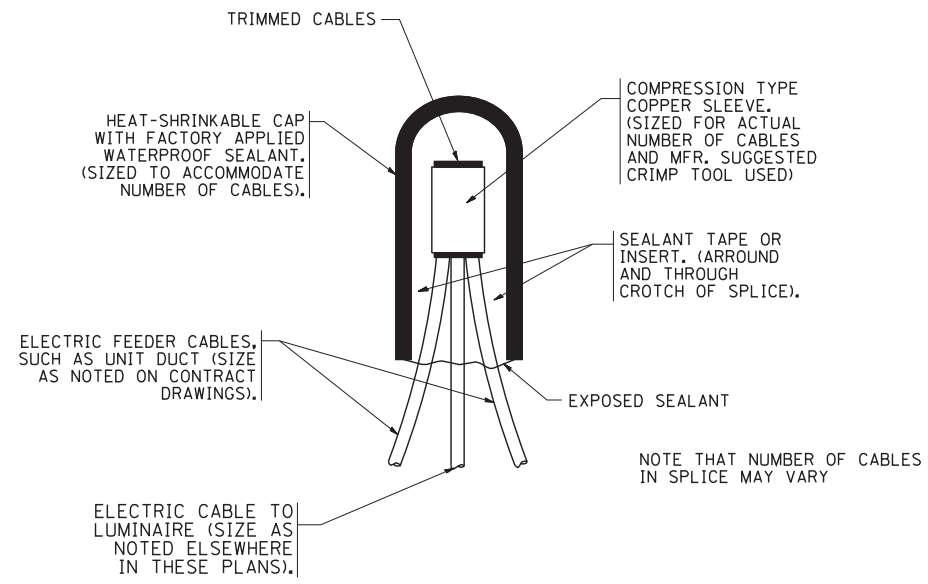
POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	1 1/2"	8 5/8"	6 FT.	12"x12"x1"
31 FT.-35 FT.	1 1/2"	8 5/8"	6 FT.	12"x12"x1"
36 FT.-40 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
41 FT.-45 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1 1/4"

METAL HELIX FOUNDATION MATERIALS

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

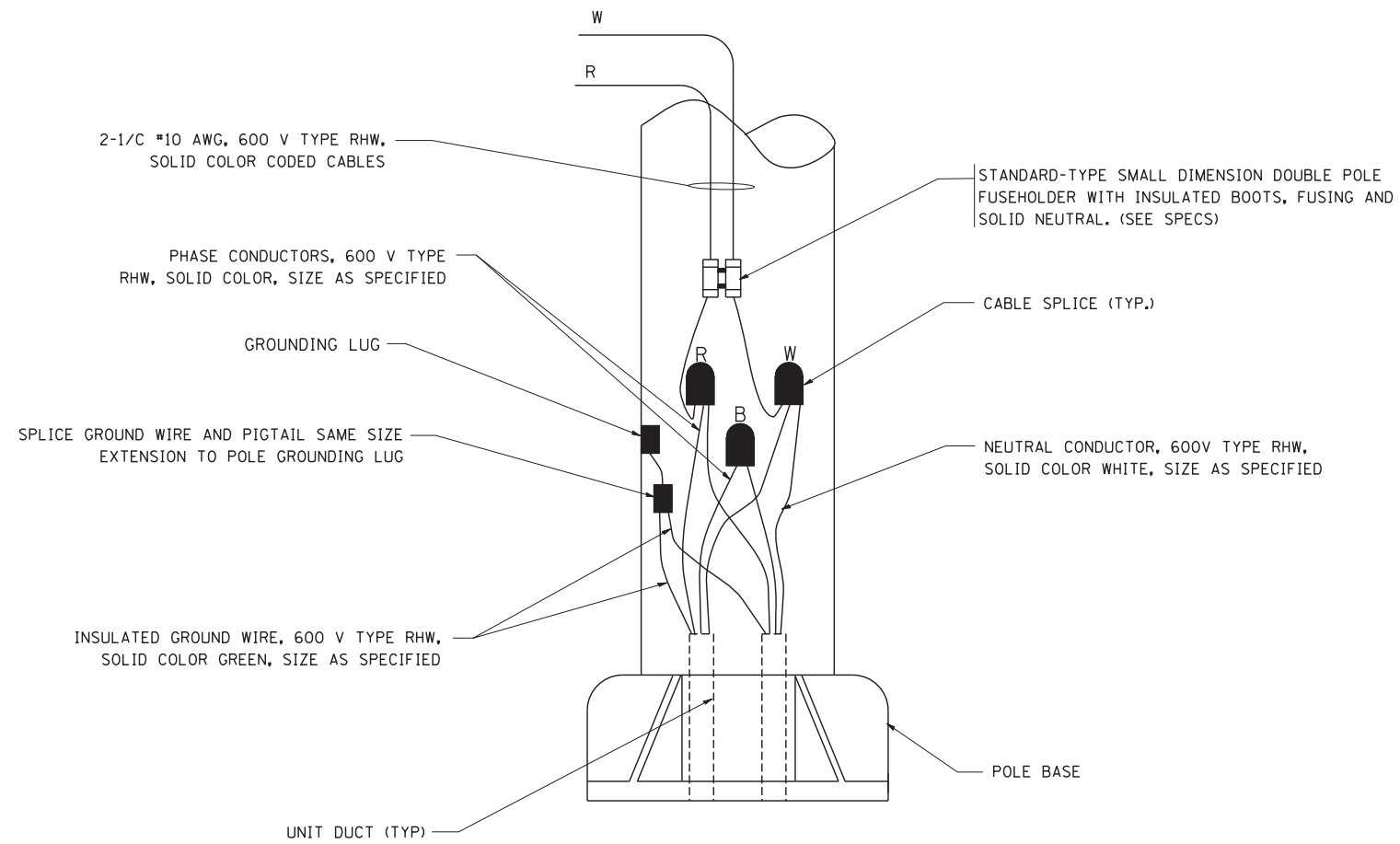
NOTES:

- ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
- ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
- THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
- ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
- METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
- THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
- THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
- THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
- THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.



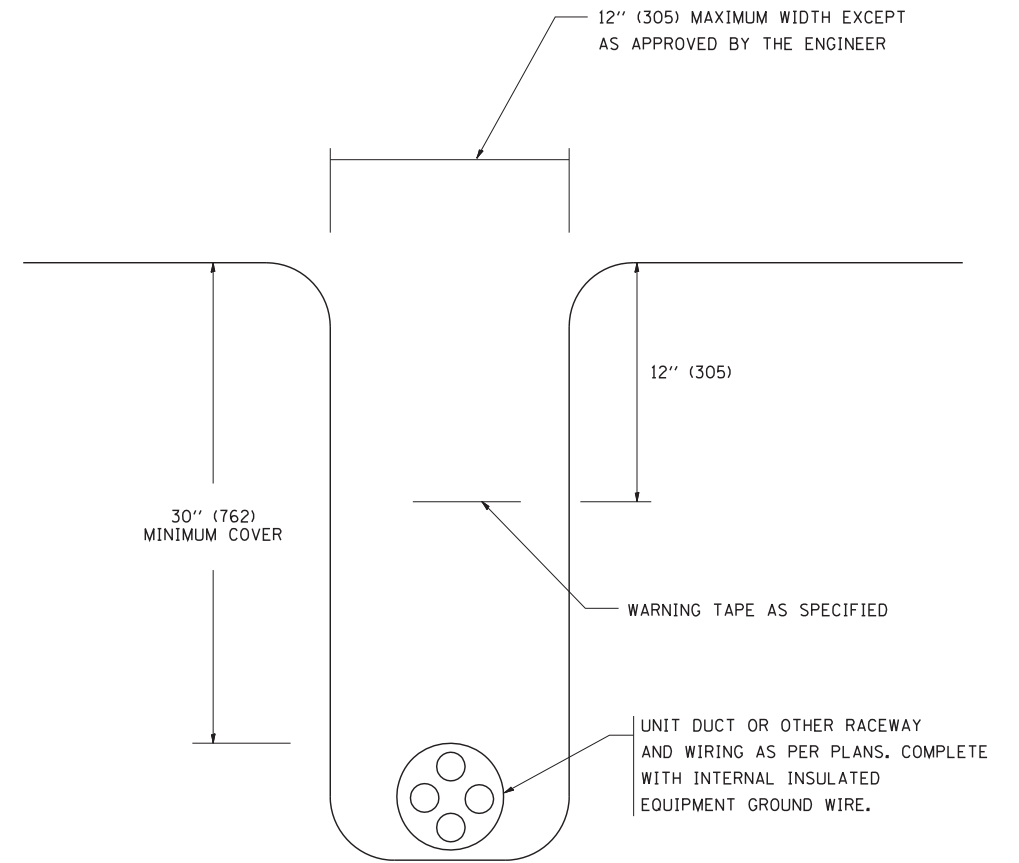
TYPICAL SPLICE DETAIL

N.T.S.



POLE WIRING DETAIL

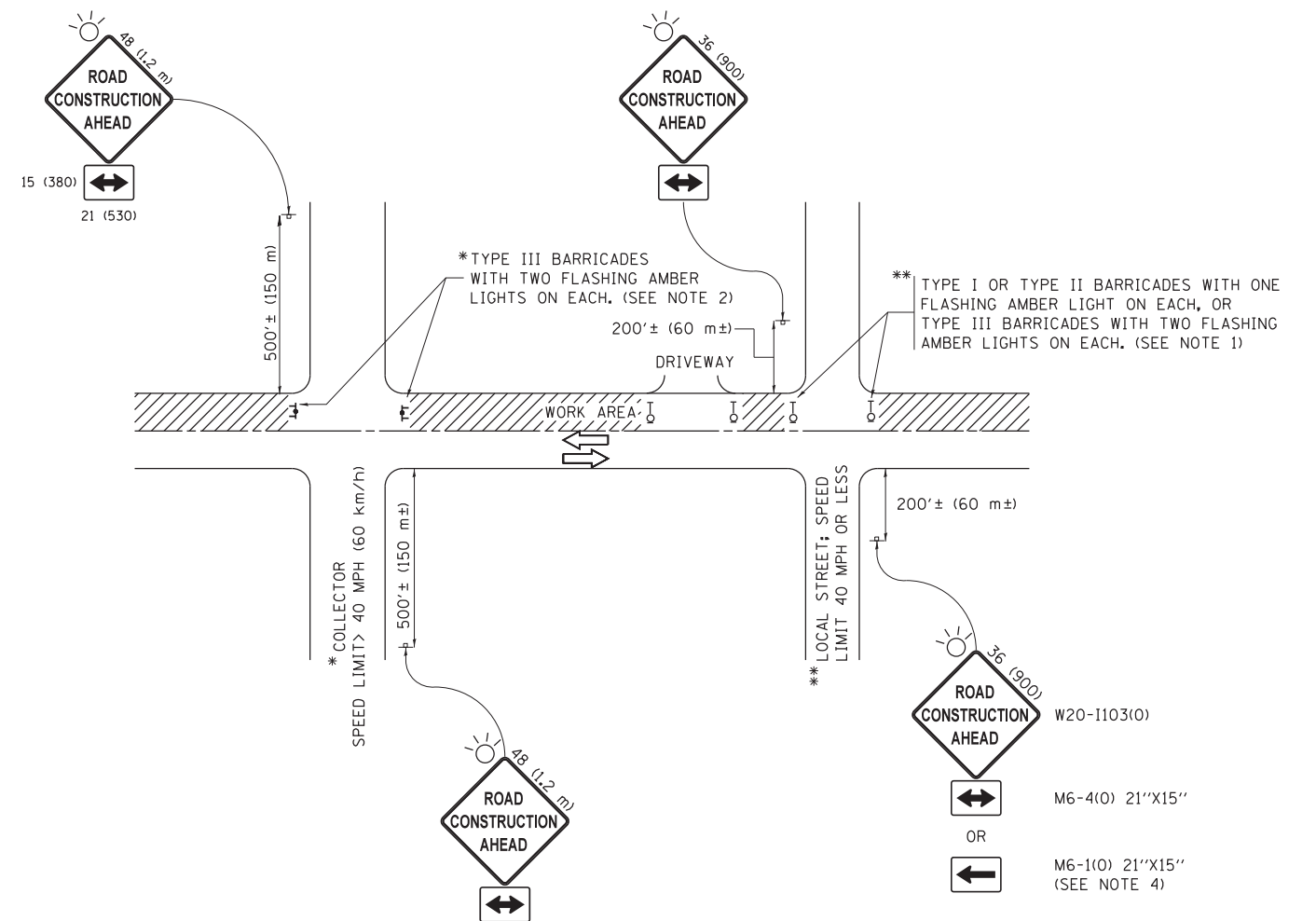
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.

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PLOT DATE = 1/4/2008	DATE -	REVISED -					BE-702		CONTRACT NO. 61G45			
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. 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:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - b) 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.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

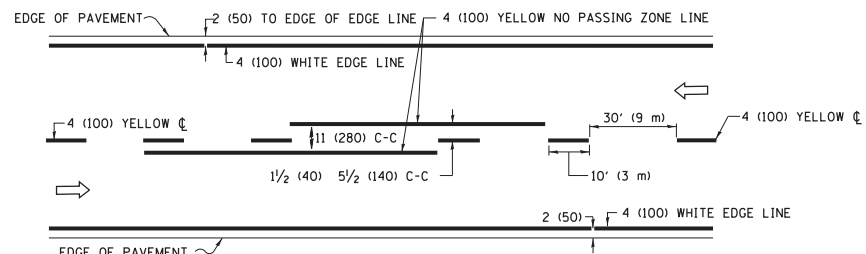
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

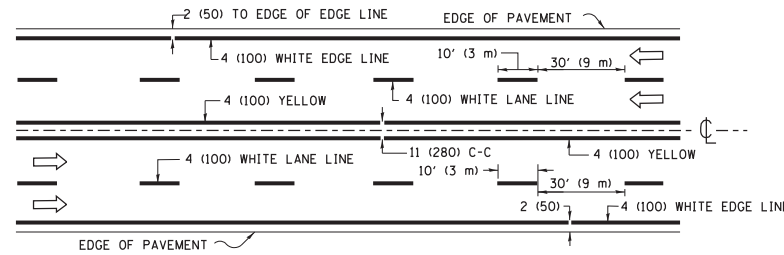
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

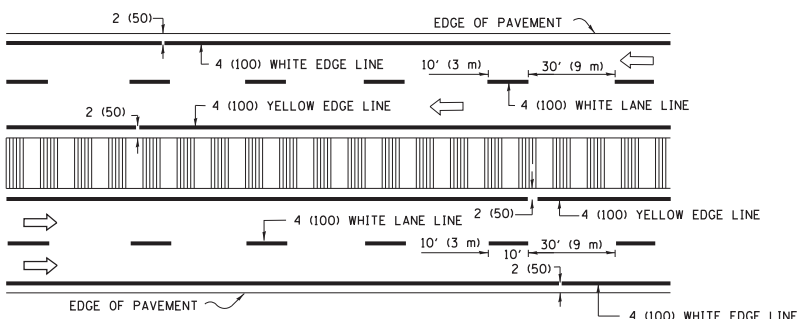
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			66	44
TC-10			CONTRACT NO. 61G45	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

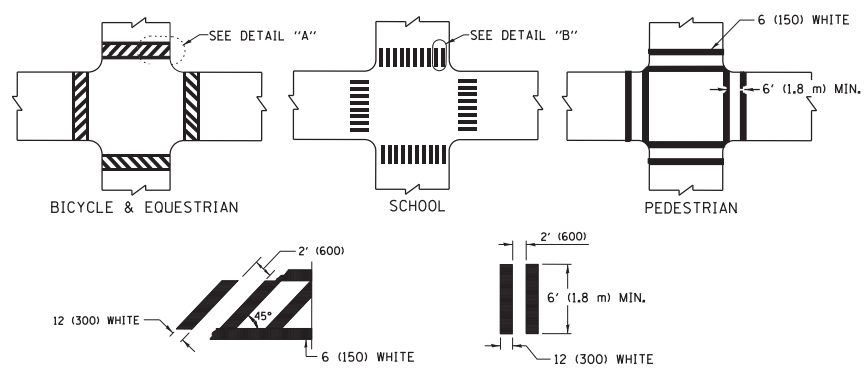


MULTI-LANE UNDIVIDED



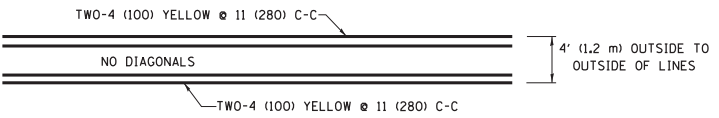
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

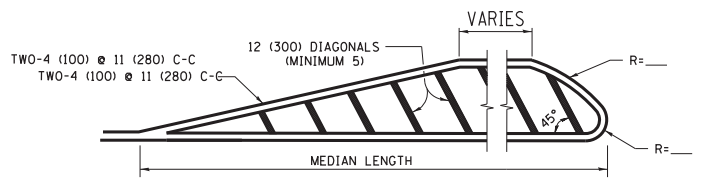


TYPICAL CROSSWALK MARKING

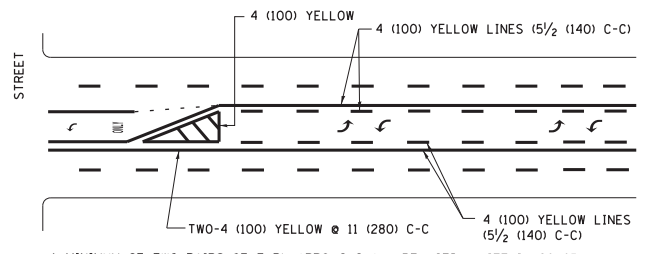
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



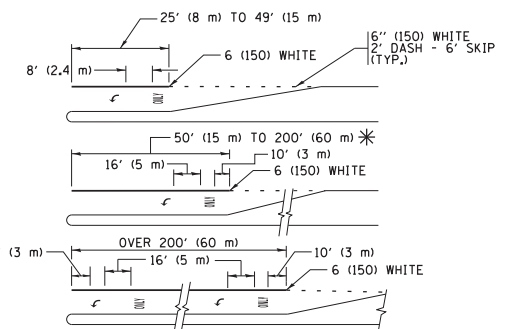
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

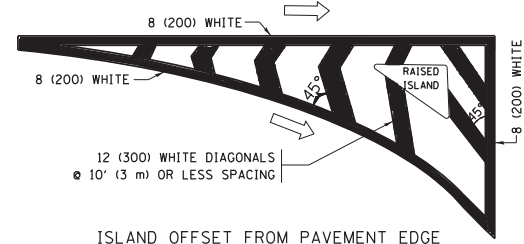


**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**

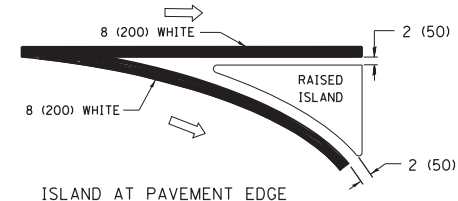


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

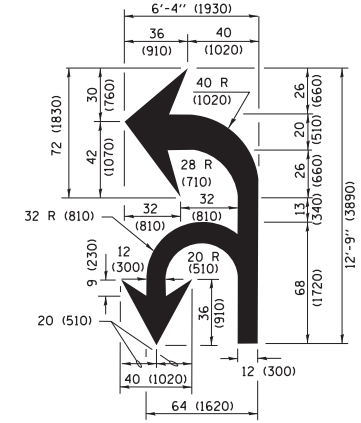
**TYPICAL LEFT (OR RIGHT) TURN LANE
TYPICAL TURN LANE MARKING**



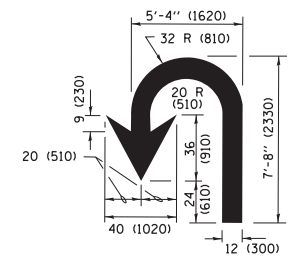
ISLAND OFFSET FROM PAVEMENT EDGE



**ISLAND AT PAVEMENT EDGE
TYPICAL ISLAND MARKING**



COMBINATION LEFT AND U-TURN



U-TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS; 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME = W:\diststd\22x34\1c13.dgn	USER NAME = 1eyso	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
Default	PLOT SCALE = 50.000' / in.	DRAWN -	REVISED - C. JUCIUS 07-01-13
	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13		66	45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G45	

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

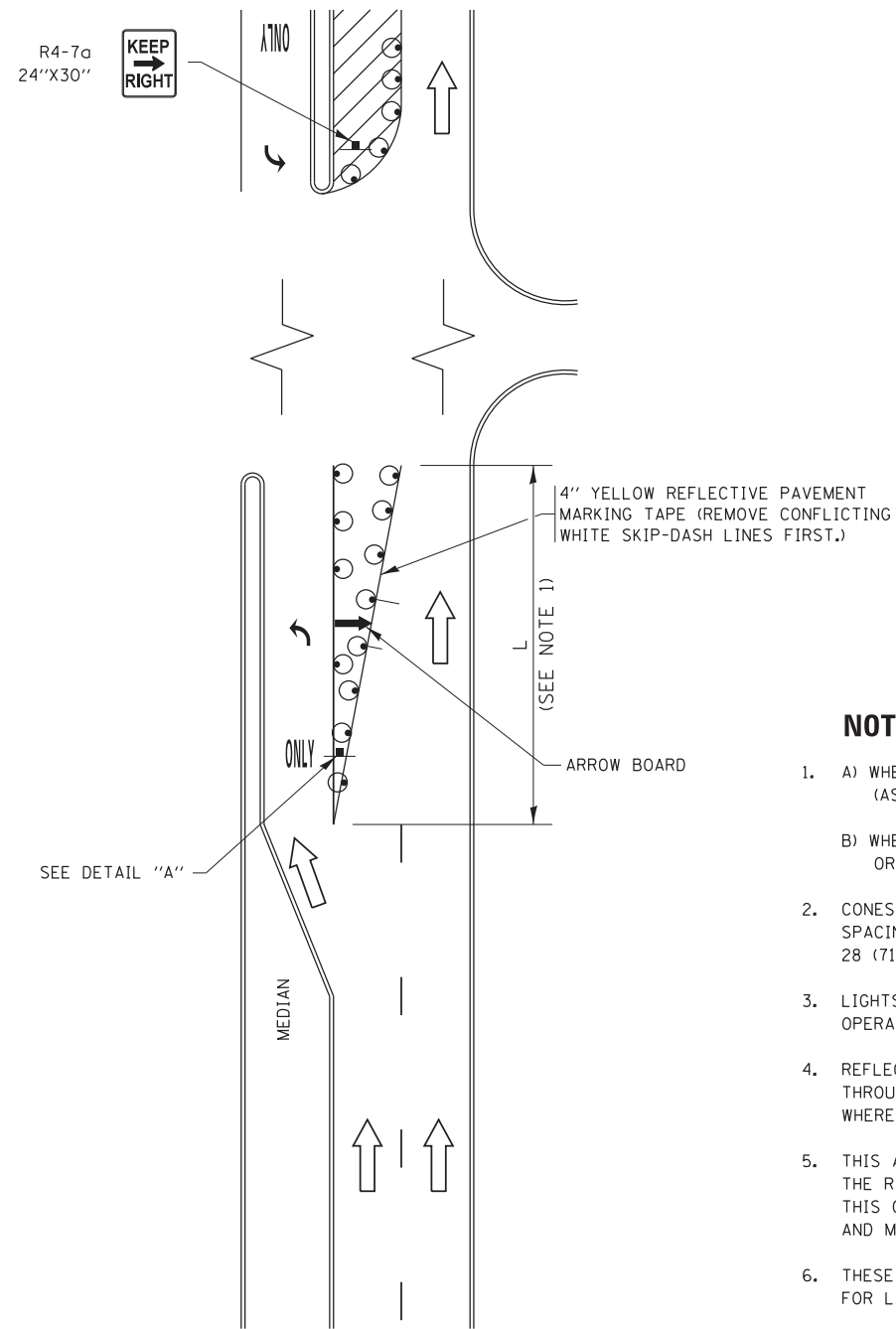


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

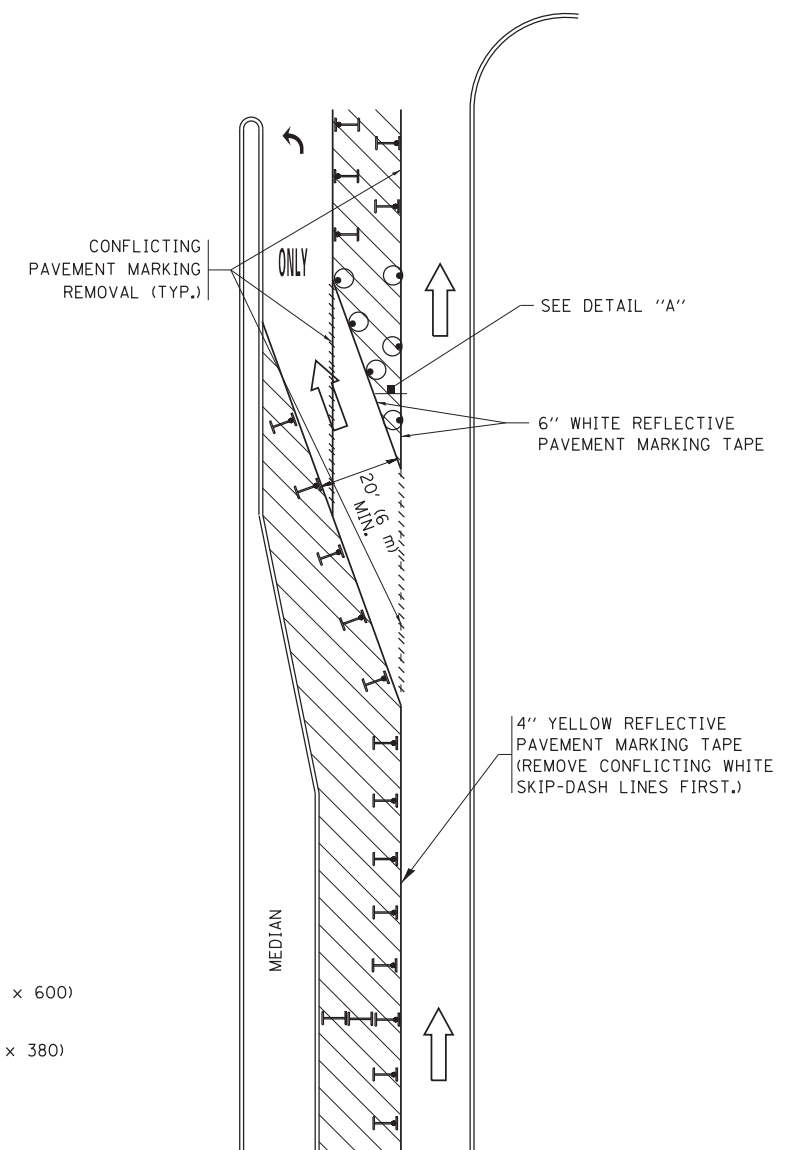









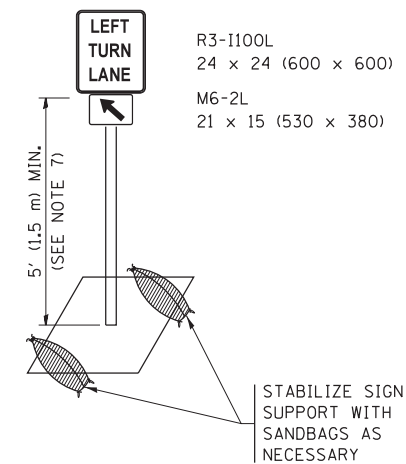
FIGURE 2

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  ARROW BOARD
-  TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  SIGN ASSEMBLY
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

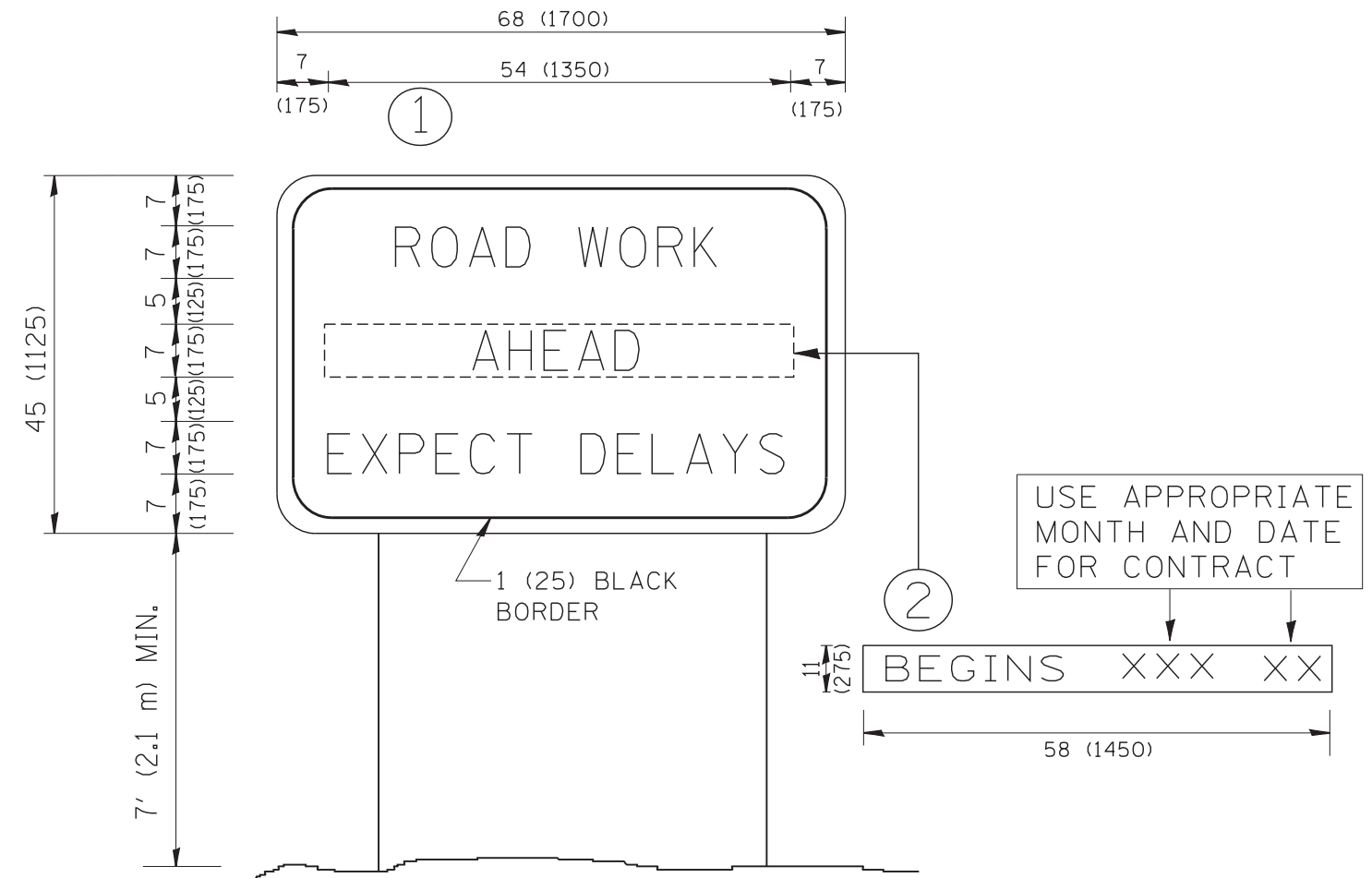
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PRE REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

FILE NAME =	USER NAME = footemj	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 50.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16					TC-14			66	46
	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G45				
					SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.			



NOTES:

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

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

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

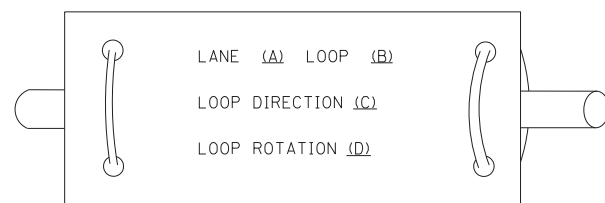
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			66	47
TC-22		CONTRACT NO. 61G45		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

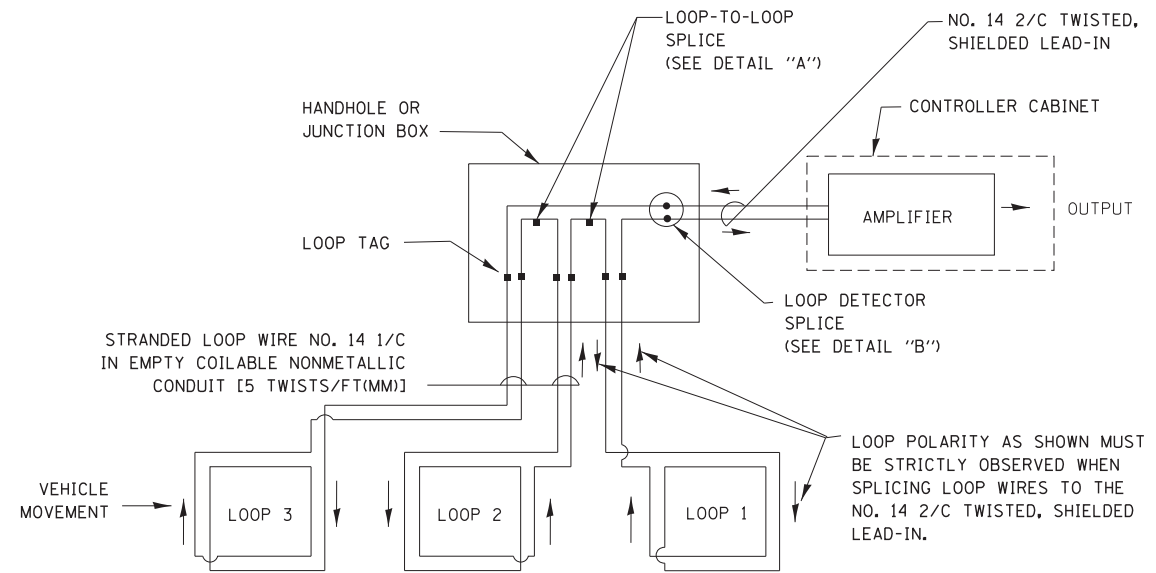
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

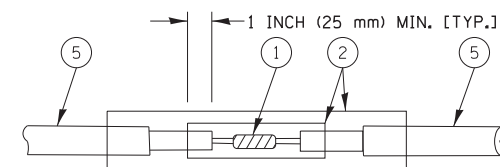


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

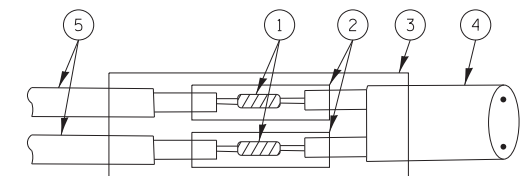


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

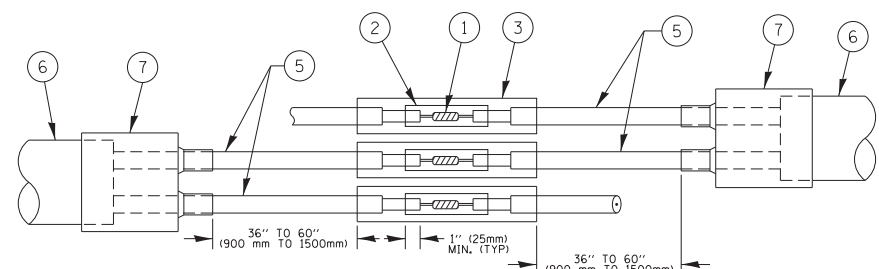


DETAIL "A"
LOOP-TO-LOOP SPLICE

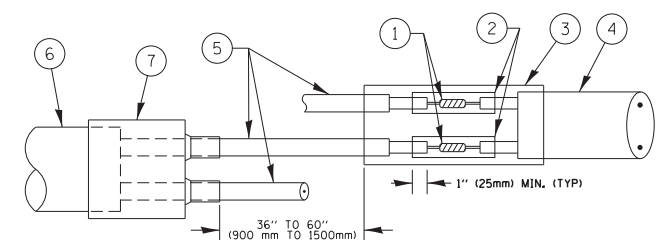


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PREFORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
ca:\pw\work\p\dot\footemj\d0108315\ts05.pgn		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

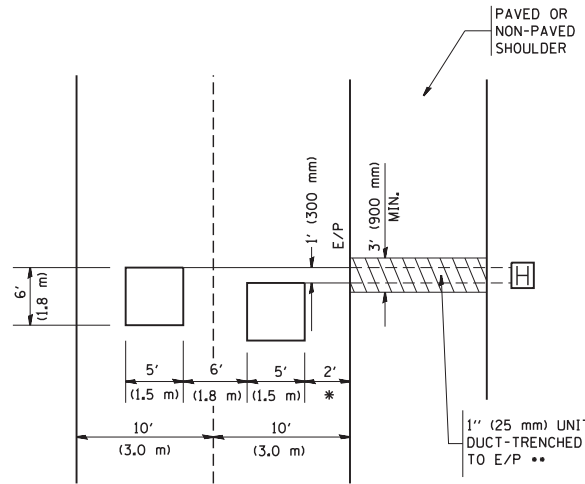
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-05		66	48
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G45	

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

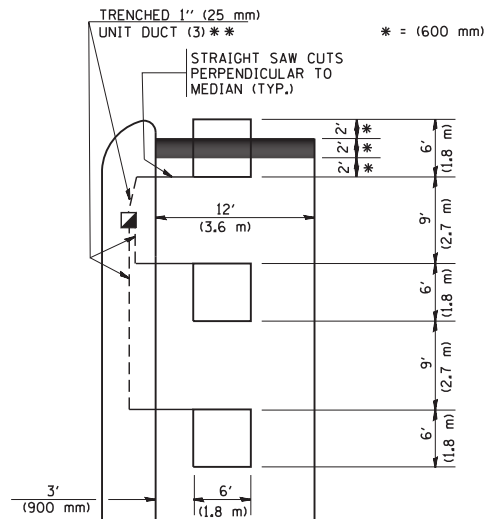


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

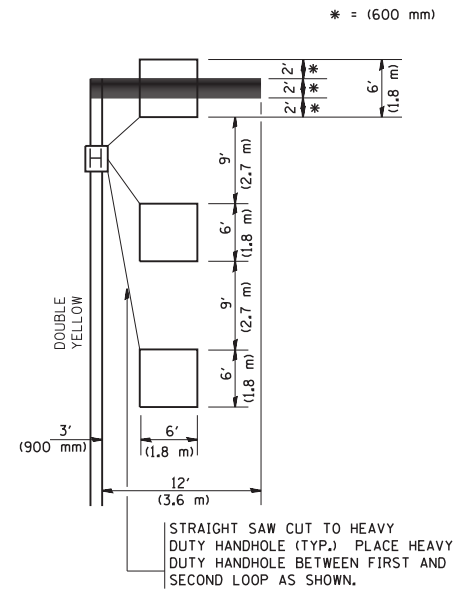
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

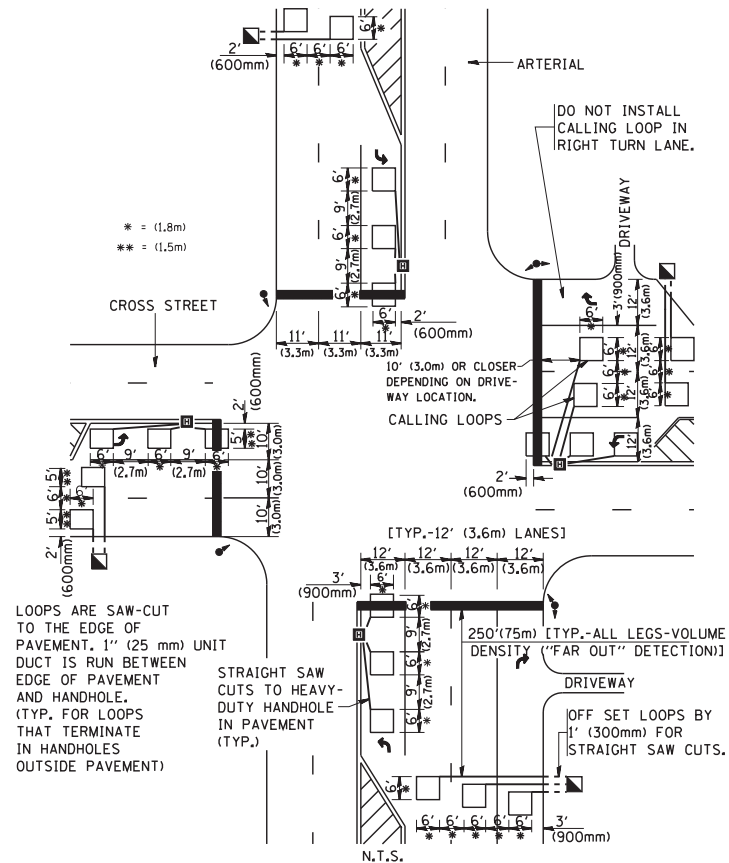
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**



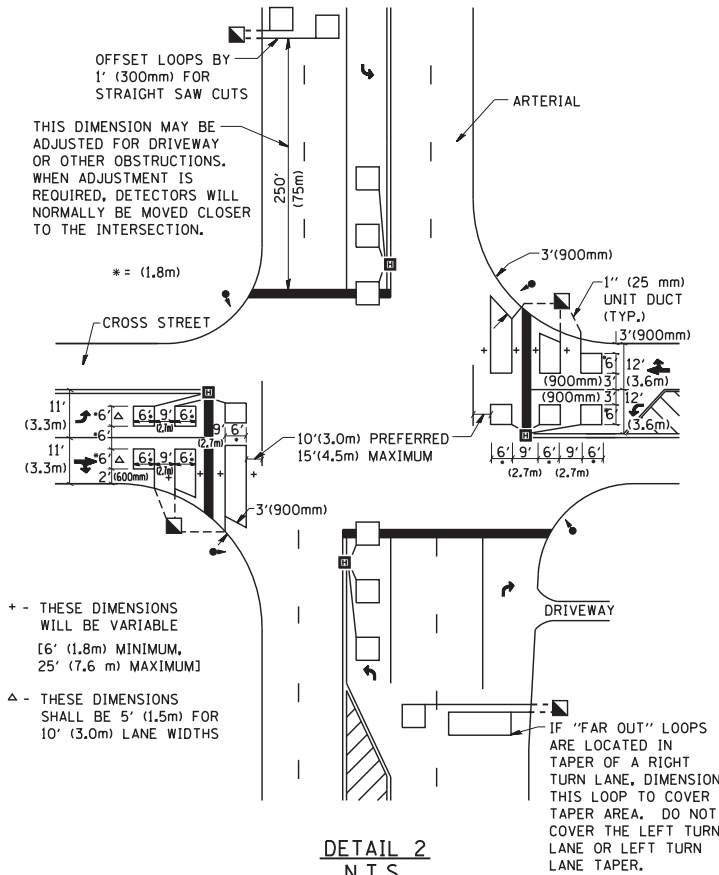
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2
N.T.S.**

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME = W:\diststd\22x34\ts07.dgn

USER NAME = gaglianobt
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 1/4/2008

DESIGNED -
DRAWN -
CHECKED - R.K.F.
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

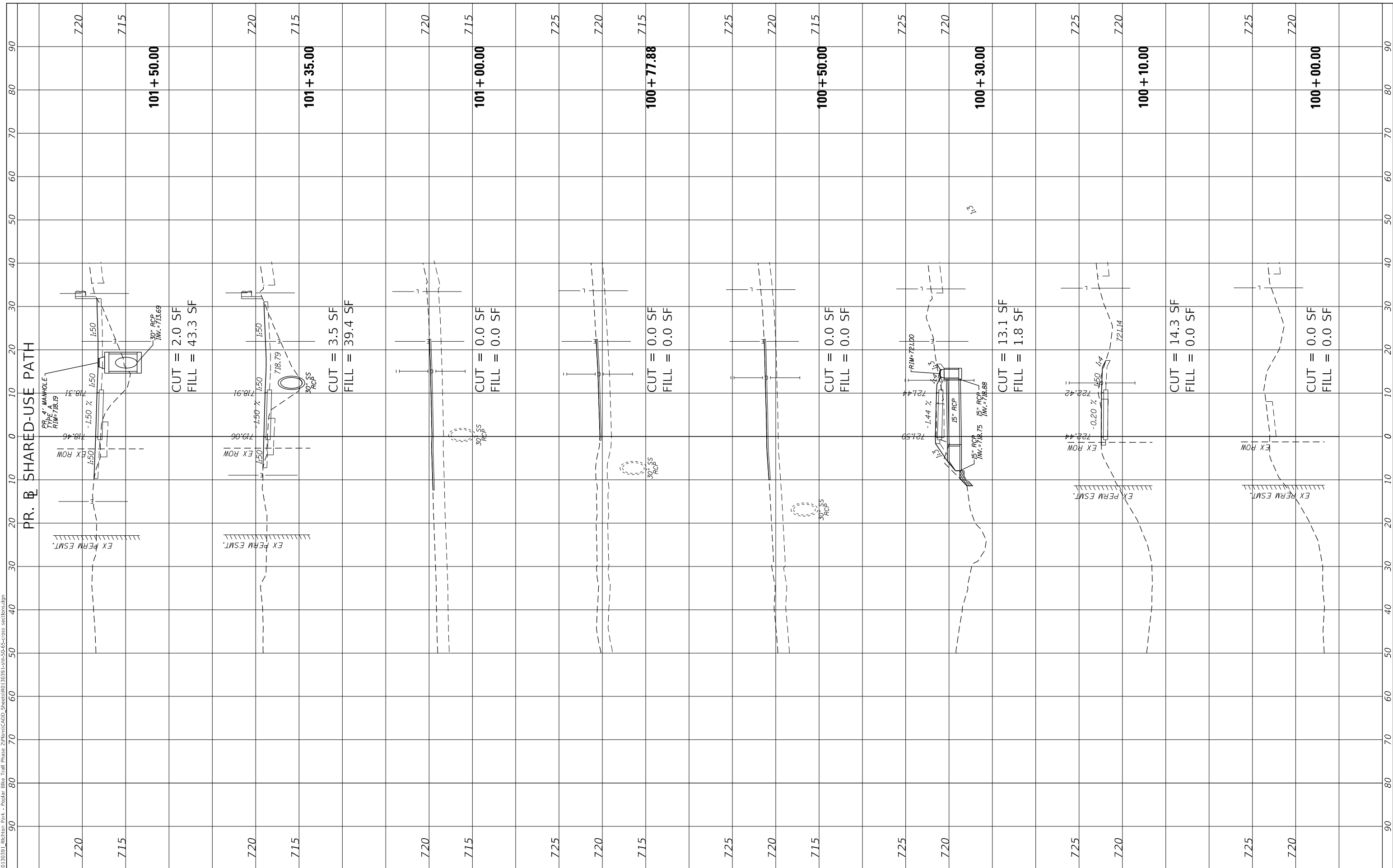
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			66	49
TS-07			CONTRACT NO. 61G45	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defnair
 FILE NAME: P:\0313391 - Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD\Sheets\0313391-sm-50-55-cross sections.dgn



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

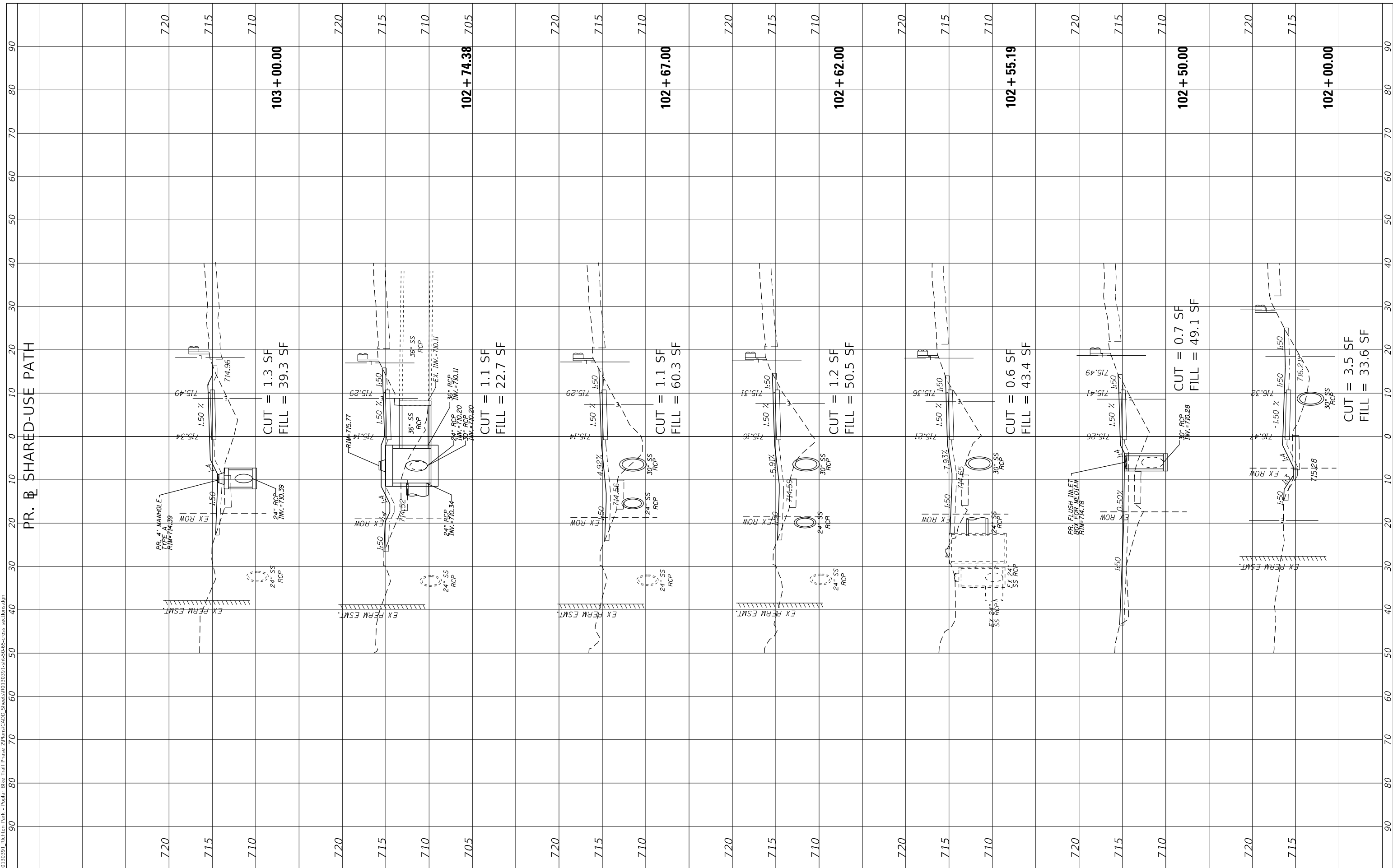
SCALE: 1"=10' SHEET 1 OF 16 SHEETS STA. 100+00.00 TO STA. 101+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	50
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
 FILE NAME: P:\03130391 - Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD\SheetR0130391-sm-50-55-cross sections.dgn



USER NAME	= User:AAcevedo
DESIGNED	- AEA
DRAWN	- AEA
CHECKED	- RON
DATE	-
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 9/2/2020

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

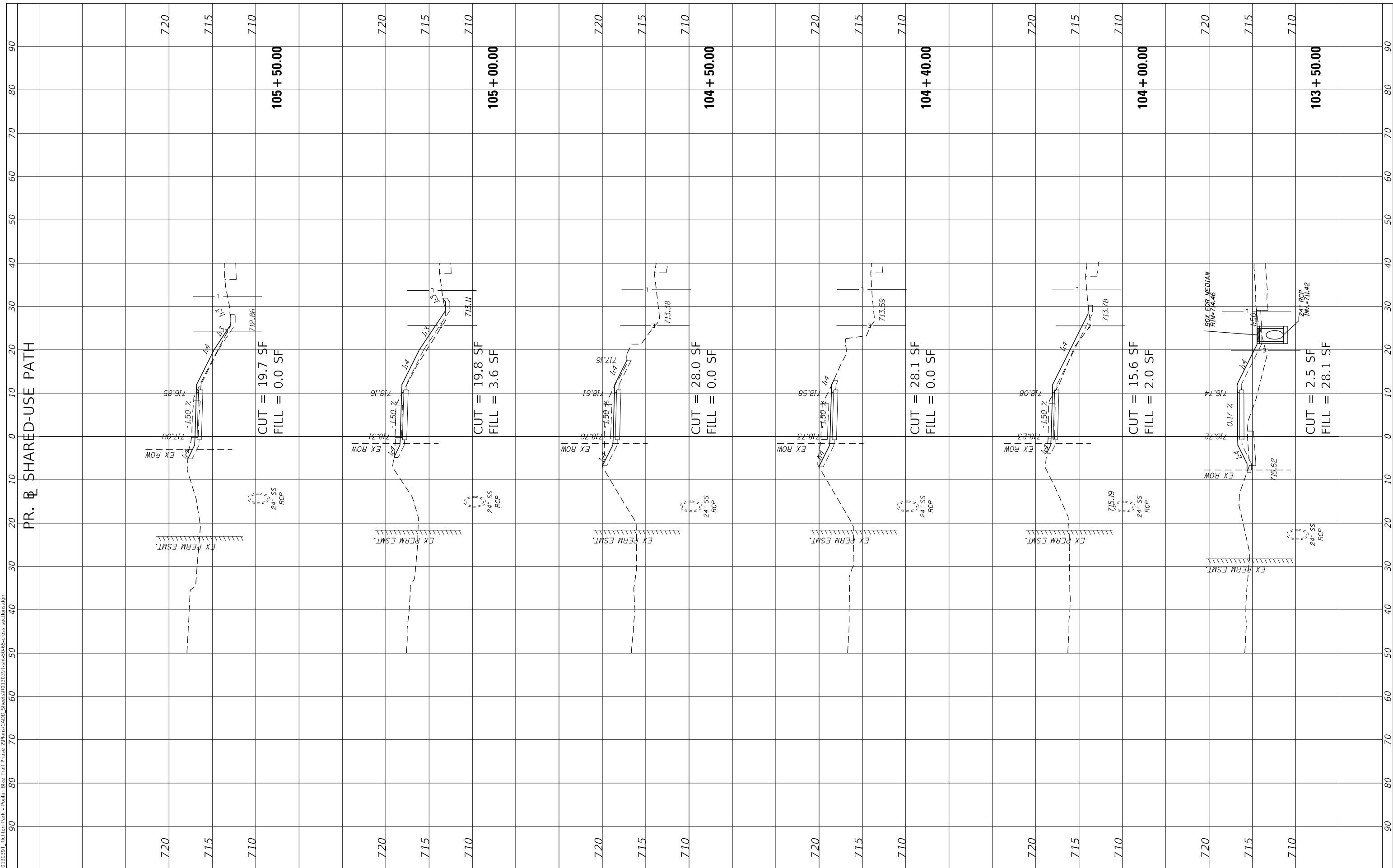
SCALE: 1"=10' SHEET 2 OF 16 SHEETS STA. 102+00.00 TO STA. 103+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	51
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: D:\dgn\...
 FILE NAME: P:\0130391 - Richton Park - Podiatr Bldg Trail Phase 2\plans\CADD\Series\0130391-sm-50-55-cross sections.dgn



USER NAME	= User:AAcevedo
DESIGNED	- AEA
DRAWN	- AEA
CHECKED	- RON
DATE	- 9/2/2020

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

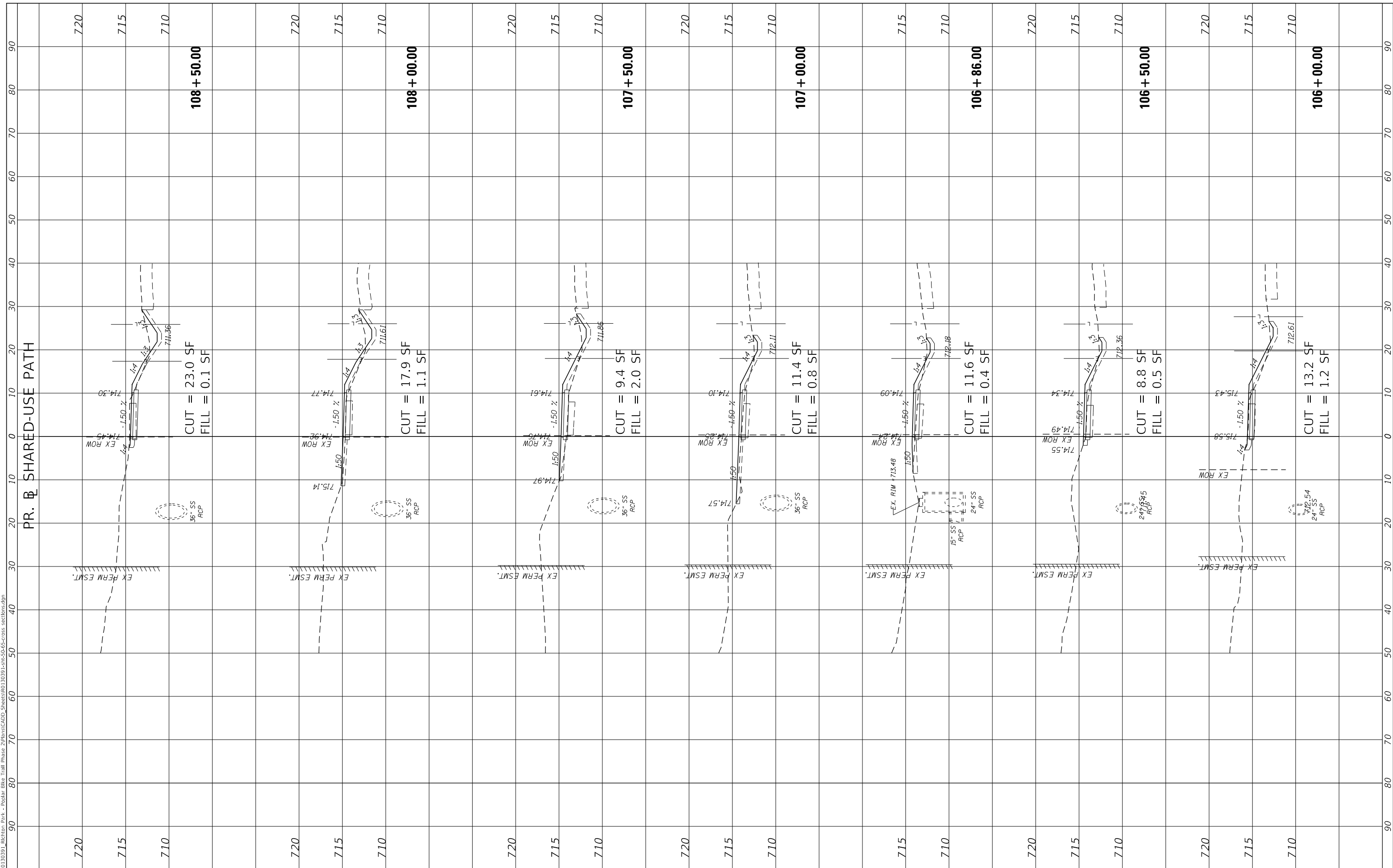
SCALE: 1"=10'		SHEET 3	OF 16 SHEETS	STA. 103+50.00	TO STA. 105+50.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	52
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: D:\nair
 FILE NAME: P:\03130391 - Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD\SheetR0130391-sm-50-55-cross sections.dgn



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

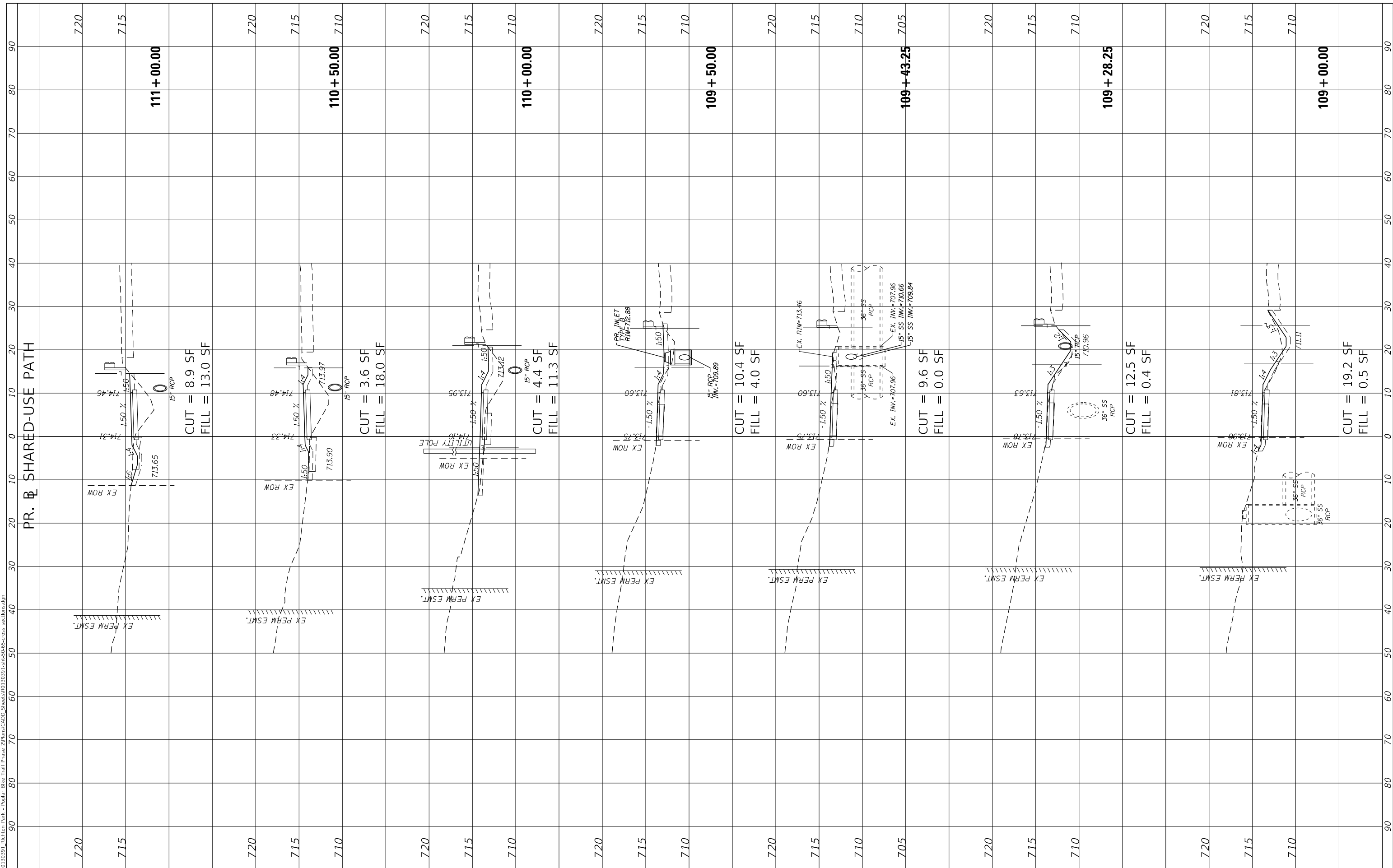
SCALE: 1"=10' SHEET 4 OF 16 SHEETS STA. 106+00.00 TO STA. 108+50.00

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 53
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: D:\dgn\...
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USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

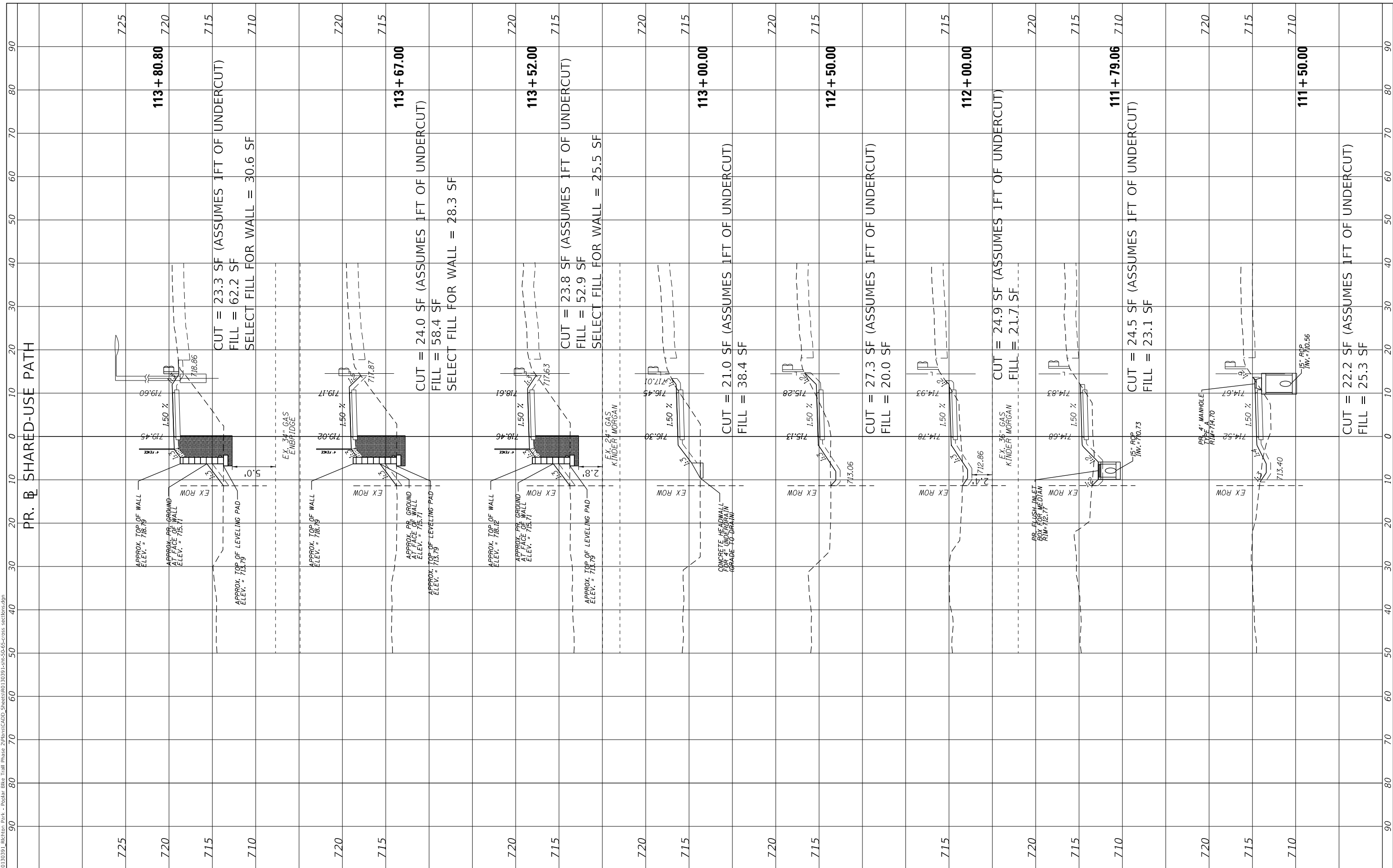
SCALE: 1"=10' SHEET 5 OF 16 SHEETS STA. 109+00.00 TO STA. 111+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	54
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
 FILE NAME: P:\03130391_Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD_Sheets\03130391-sm-50-55-cross_sections.dgn



USER NAME	= User:AAcevedo
DESIGNED	- AEA
DRAWN	- AEA
CHECKED	- RON
DATE	-
REVISIONS	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

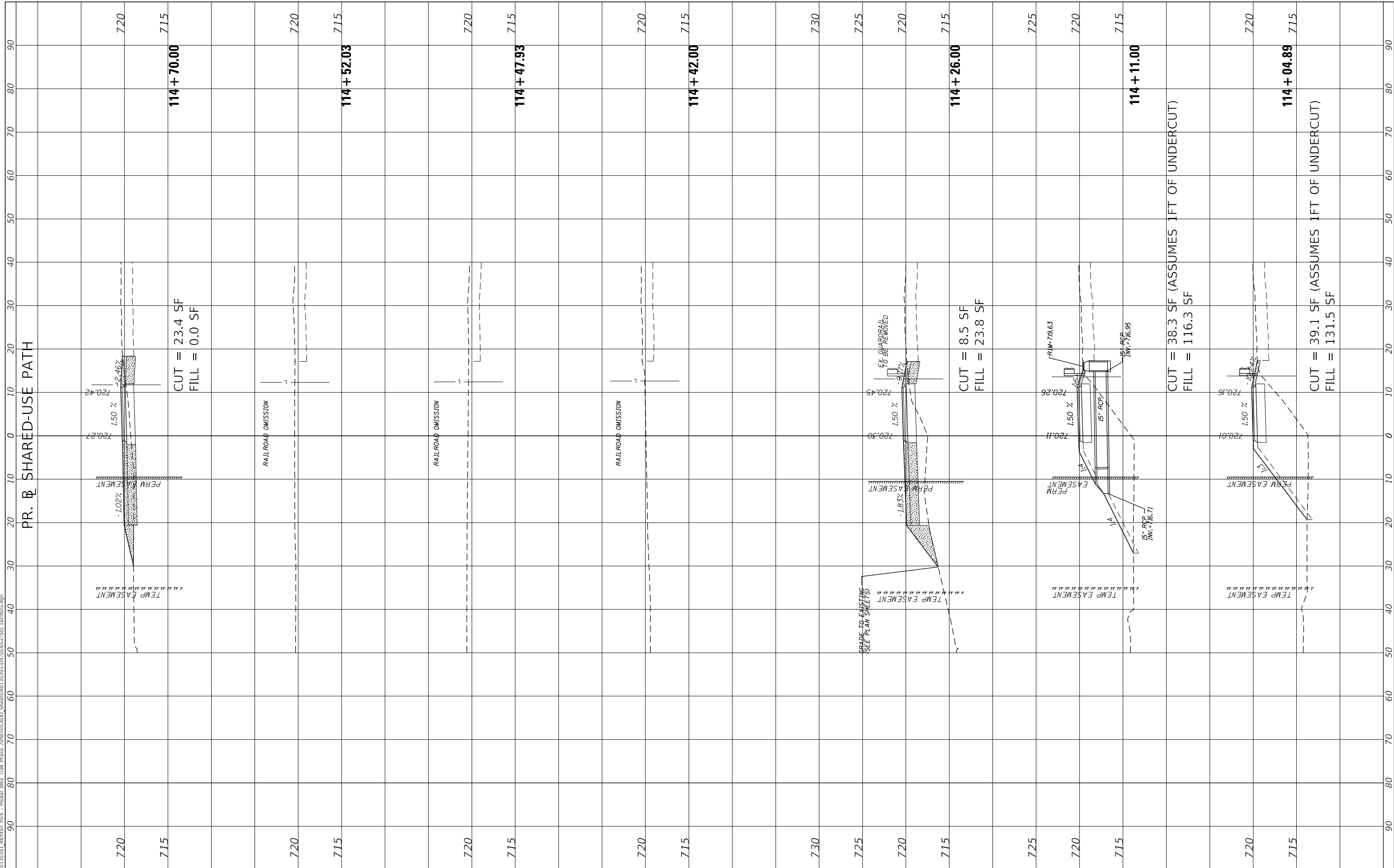
SCALE: 1"=10'
 SHEET 6 OF 16 SHEETS
 STA. 111+50.00 TO STA. 113+80.80

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	55
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
FILE NAME: P:\03130391_Richton Park - Podiatr Bldg Trail Phase 2\Plan\CADD_Sheets\03130391_sht-50-65-cross_sections.dgn



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'	SHEET 7 OF 16 SHEETS	STA. 114+04.89 TO STA. 114+70.00
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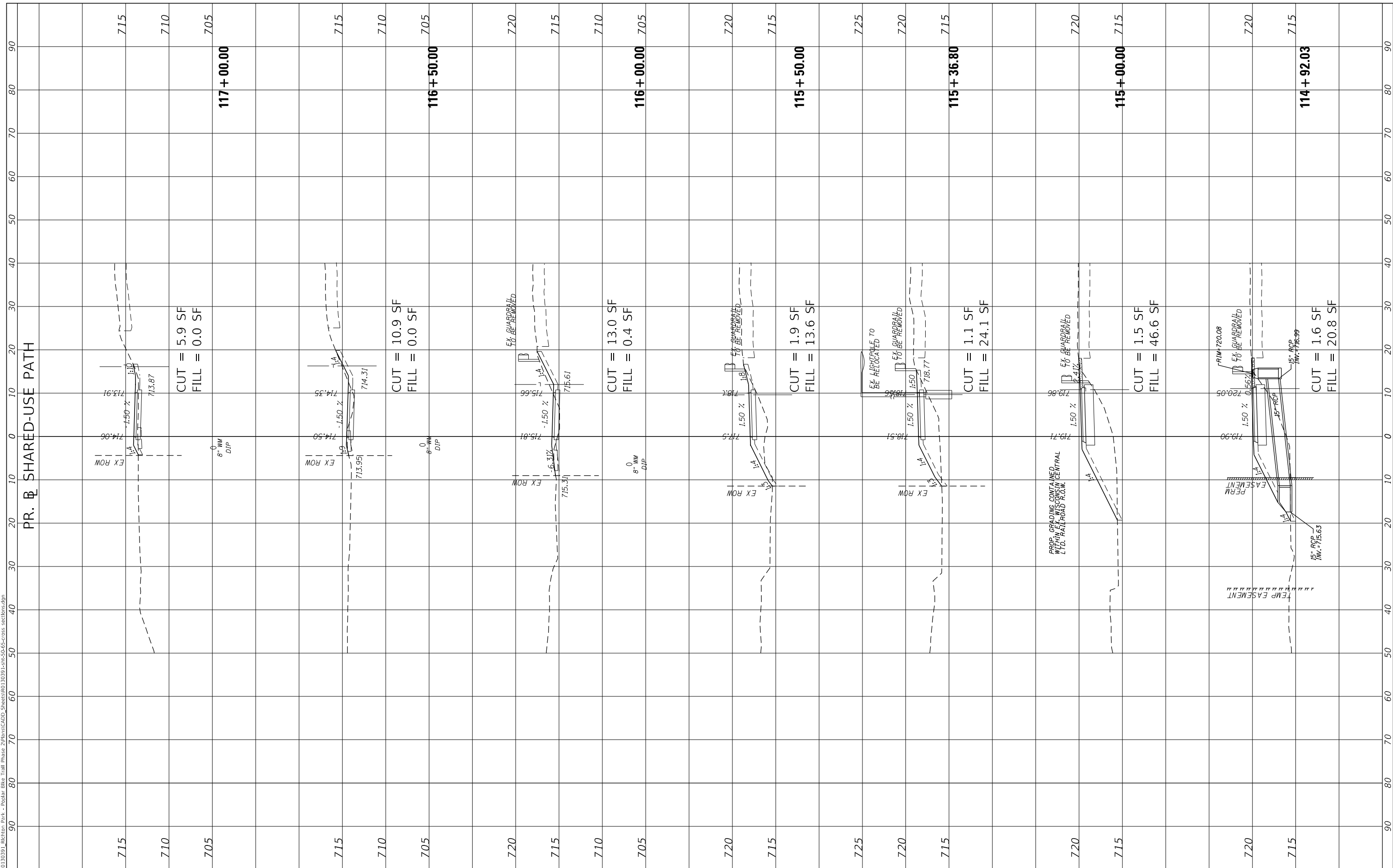
CROSS SECTIONS

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 56
CONTRACT NO. 61G45			ILLINOIS FED. AID PROJECT	

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

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

MODEL: D:\nair
 FILE NAME: P:\03130391 - Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD\Sheet80130391-sm-50-55-cross sections.dgn



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

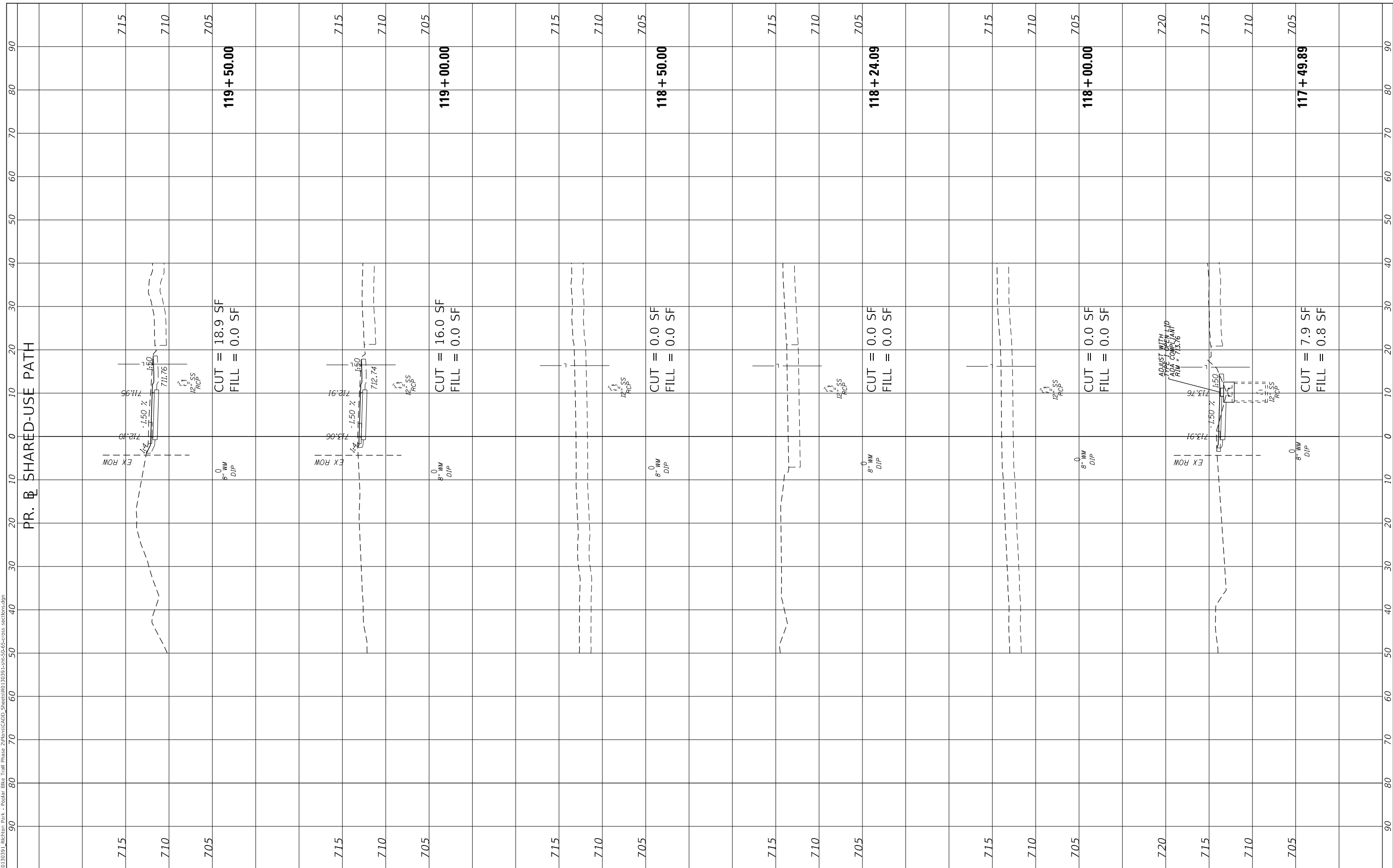
SCALE: 1"=10' SHEET 8 OF 16 SHEETS STA. 114+92.03 TO STA. 117+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	57
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defnair
 FILE NAME: P:\0313391 - Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD\SheetR0130391-sm-50-55-cross sections.dgn



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
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PLOT SCALE = 20.0000 ' / in.	CHECKED - RON	REVISED -
PLOT DATE = 9/2/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

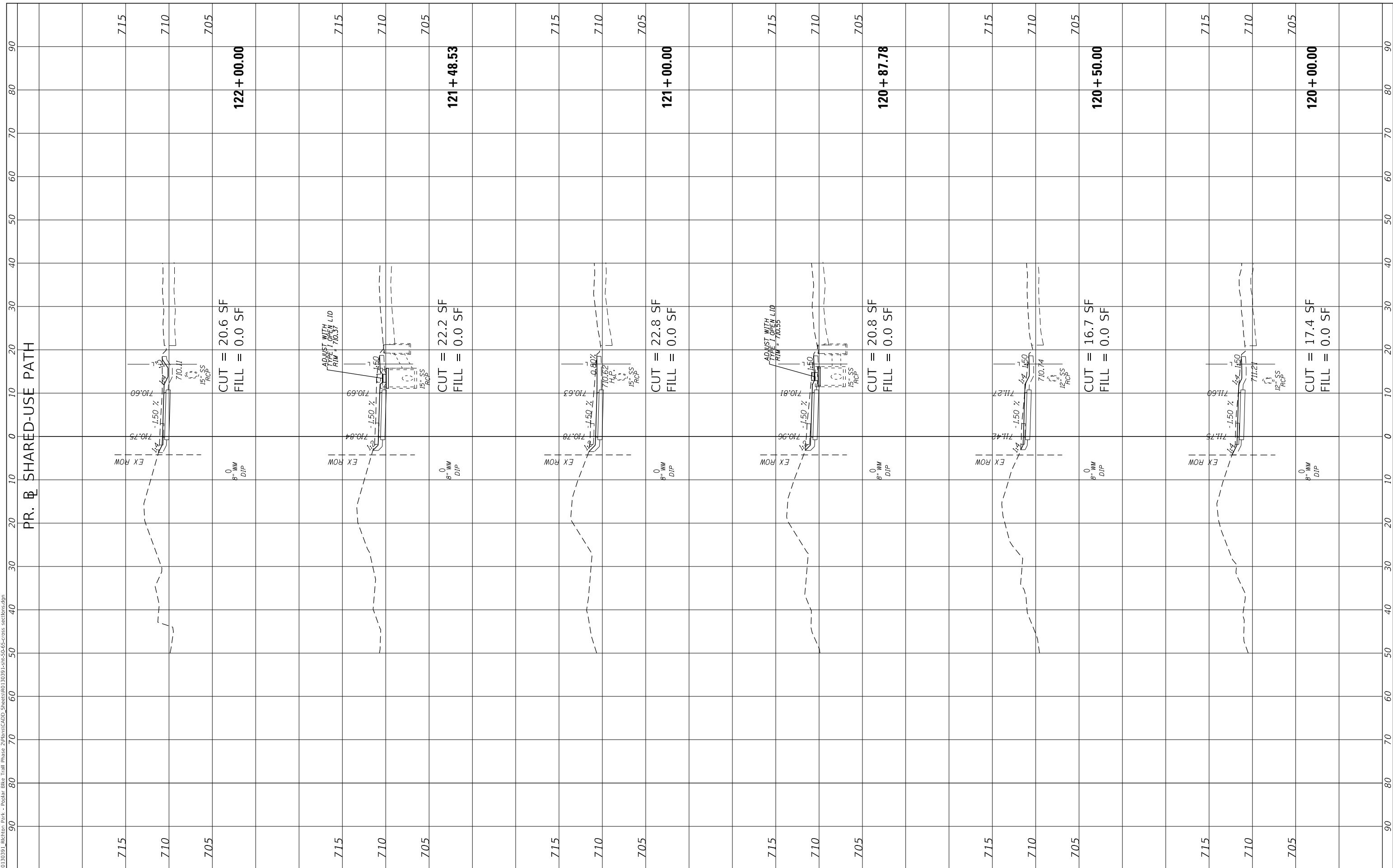
SCALE: 1"=10' SHEET 9 OF 16 SHEETS STA. 117+49.89 TO STA. 119+50.00

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 58
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
 FILE NAME: P:\03130391 - Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD\SheetR0130391-sm-50-55-cross sections.dgn



USER NAME = User:Accevedo	DESIGNED - AEA	REVISED -
	DRAWN - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - RON	REVISED -
PLOT DATE = 9/2/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'			
SHEET 10	OF 16 SHEETS	STA. 120+00.00	TO STA. 122+00.00

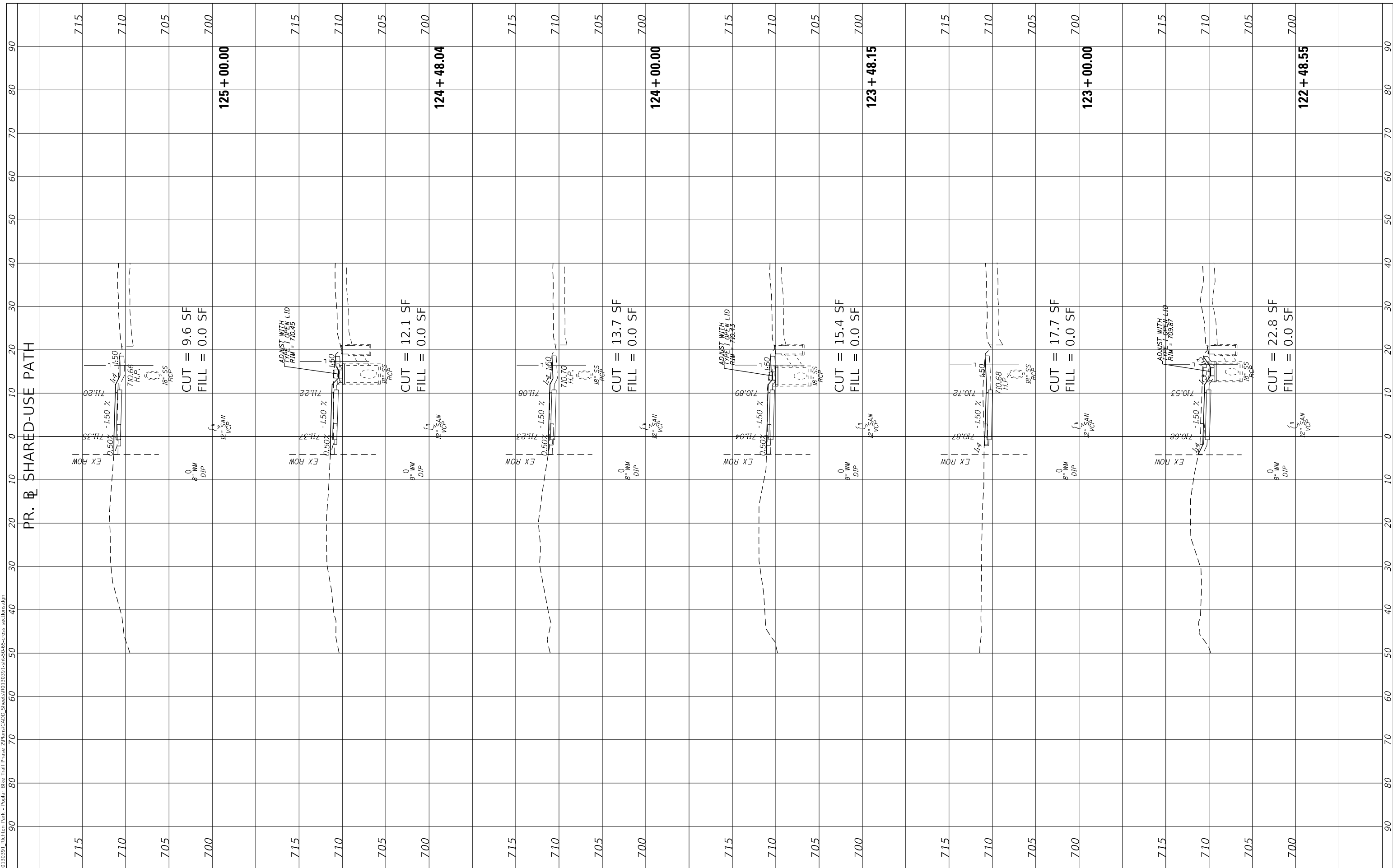
CROSS SECTIONS		
F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK
CONTRACT NO. 61G45		

TOTAL SHEETS 66	SHEET NO. 59
ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
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USER NAME = User:Accevedo	DESIGNED - AEA	REVISED -
	DRAWN - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - RON	REVISED -
PLOT DATE = 9/2/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

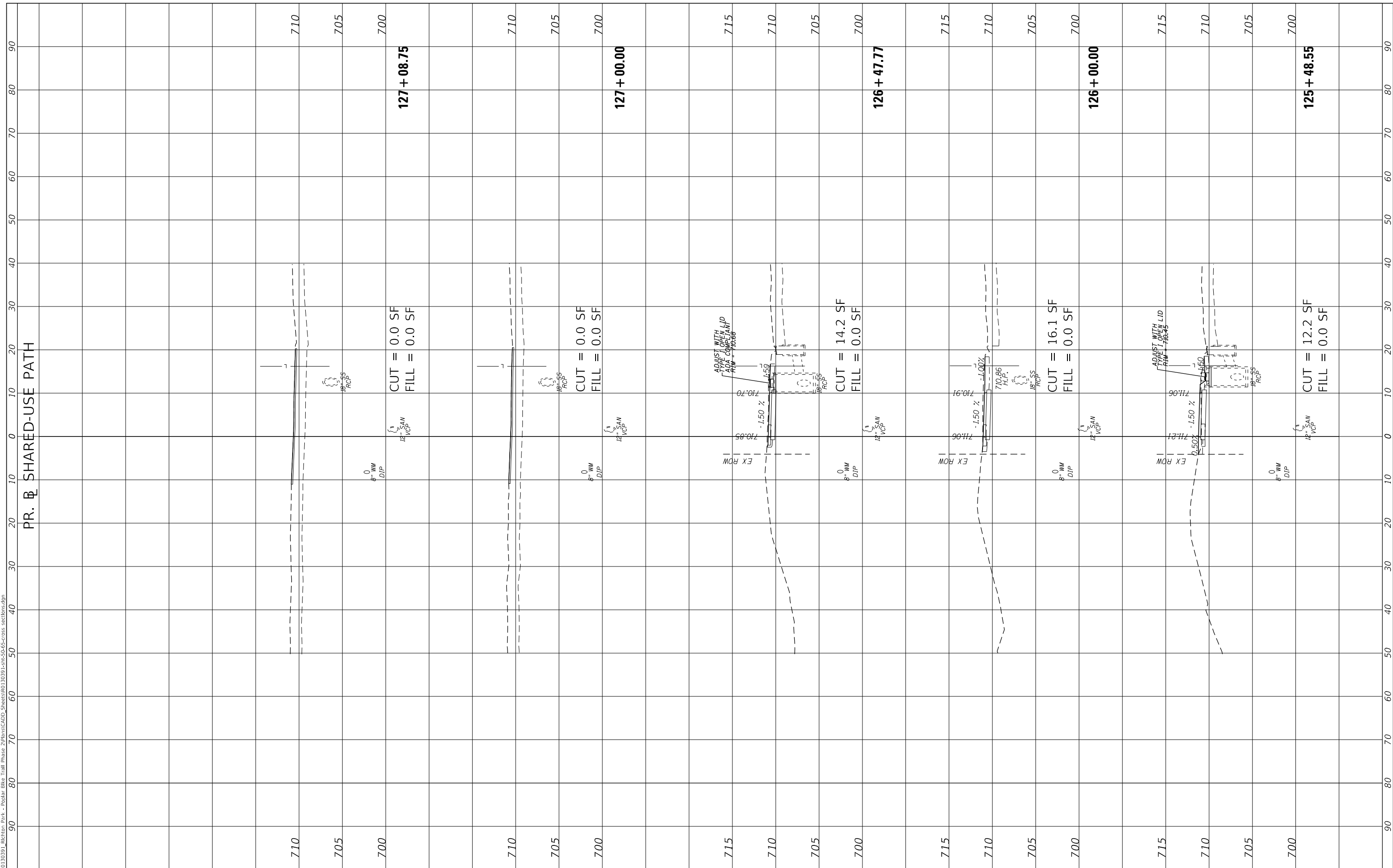
CROSS SECTIONS	
SCALE: 1"=10'	SHEET 11 OF 16 SHEETS
STA. 122+48.55	TO STA. 125+00.00

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 60
CONTRACT NO. 61G45				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: D:\dgn\...
 FILE NAME: P:\0130391_Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD_Series\0130391-sm-50-55-cross_sections.dgn



USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

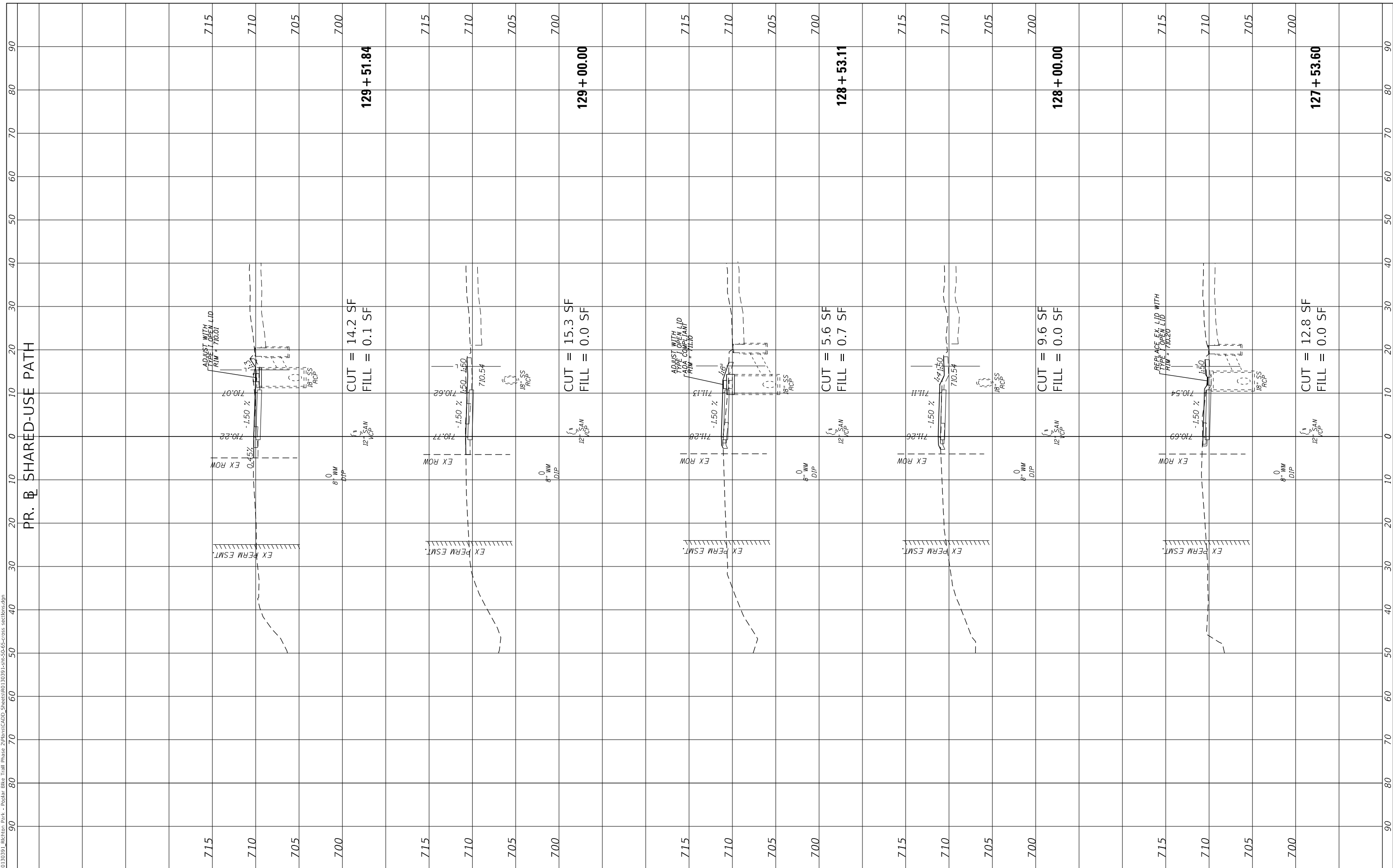
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 12	OF 16 SHEETS	STA. 125+48.55 TO STA. 127+08.75

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 61
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: D:\dgn\...
 FILE NAME: P:\03130391_Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD_Sheets\03130391-sm-50-55-cross_sections.dgn



USER NAME = User:AAcavedo	DESIGNED - AEA	REVISED -
	DRAWN - AEA	REVISED -
	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'			
SHEET 13	OF 16 SHEETS	STA. 127+53.60	TO STA. 129+51.84

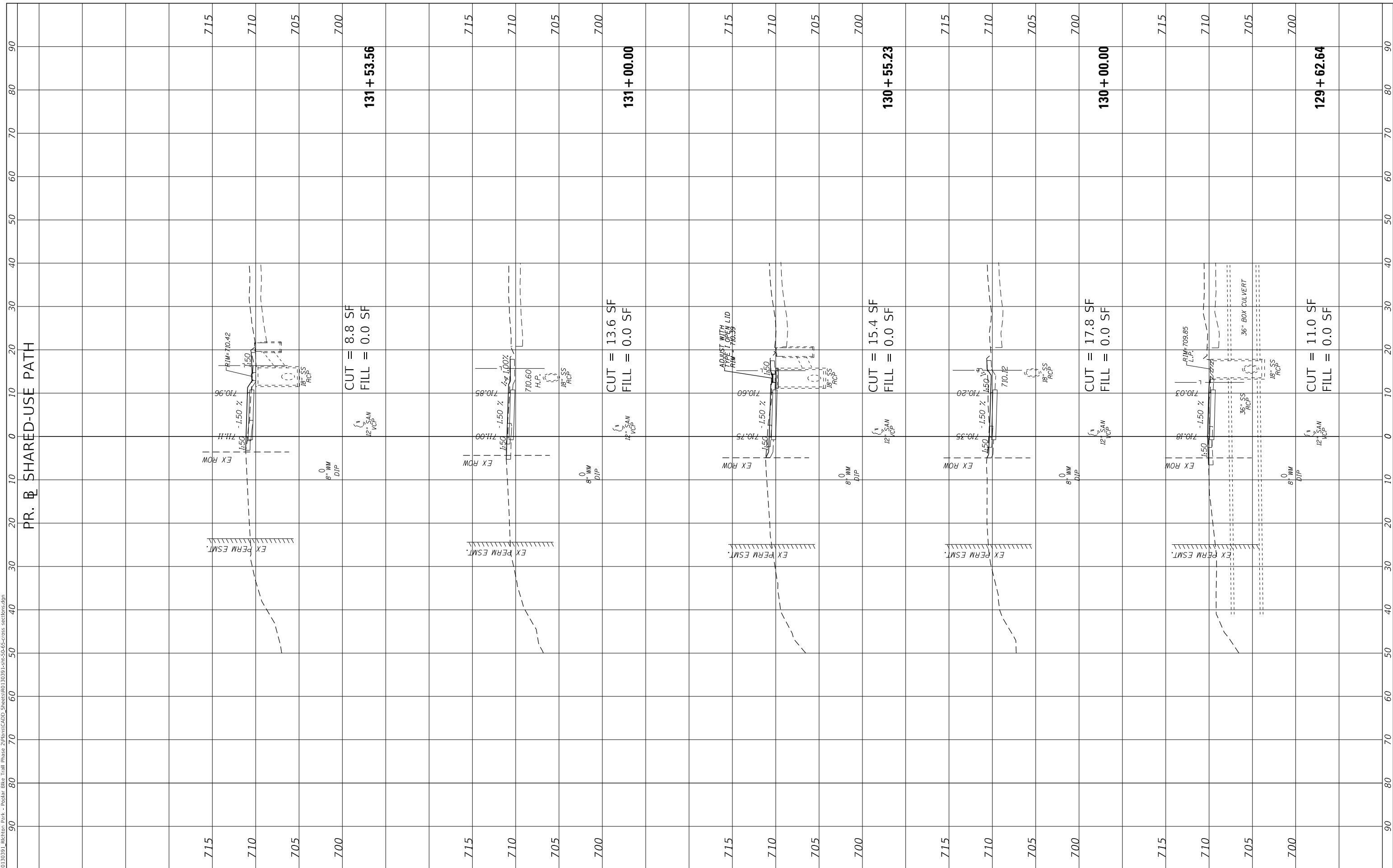
CROSS SECTIONS

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 62
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'		SHEET 14 OF 16 SHEETS		STA. 129+62.64 TO STA. 131+53.56	
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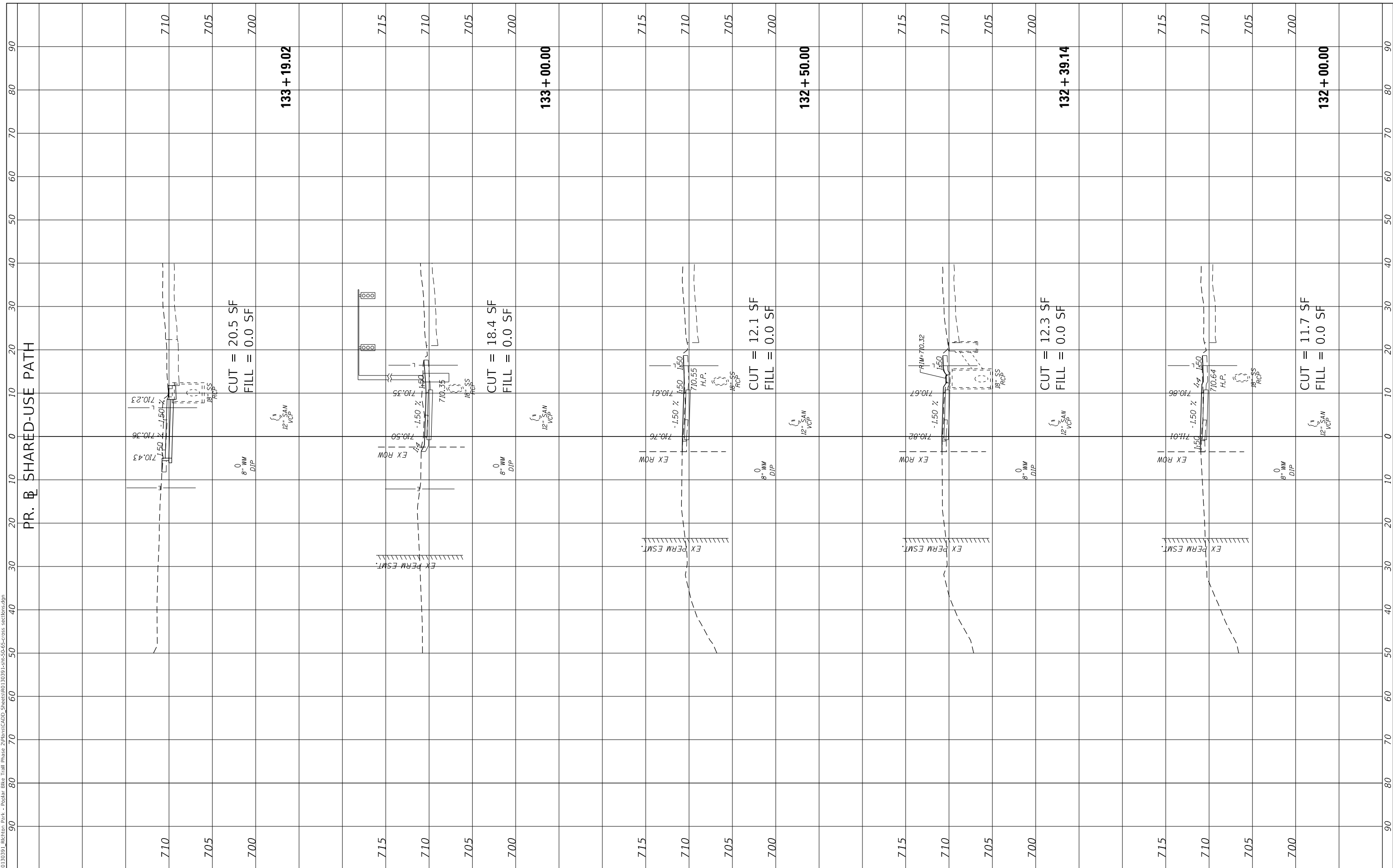
CROSS SECTIONS

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 63
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
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USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

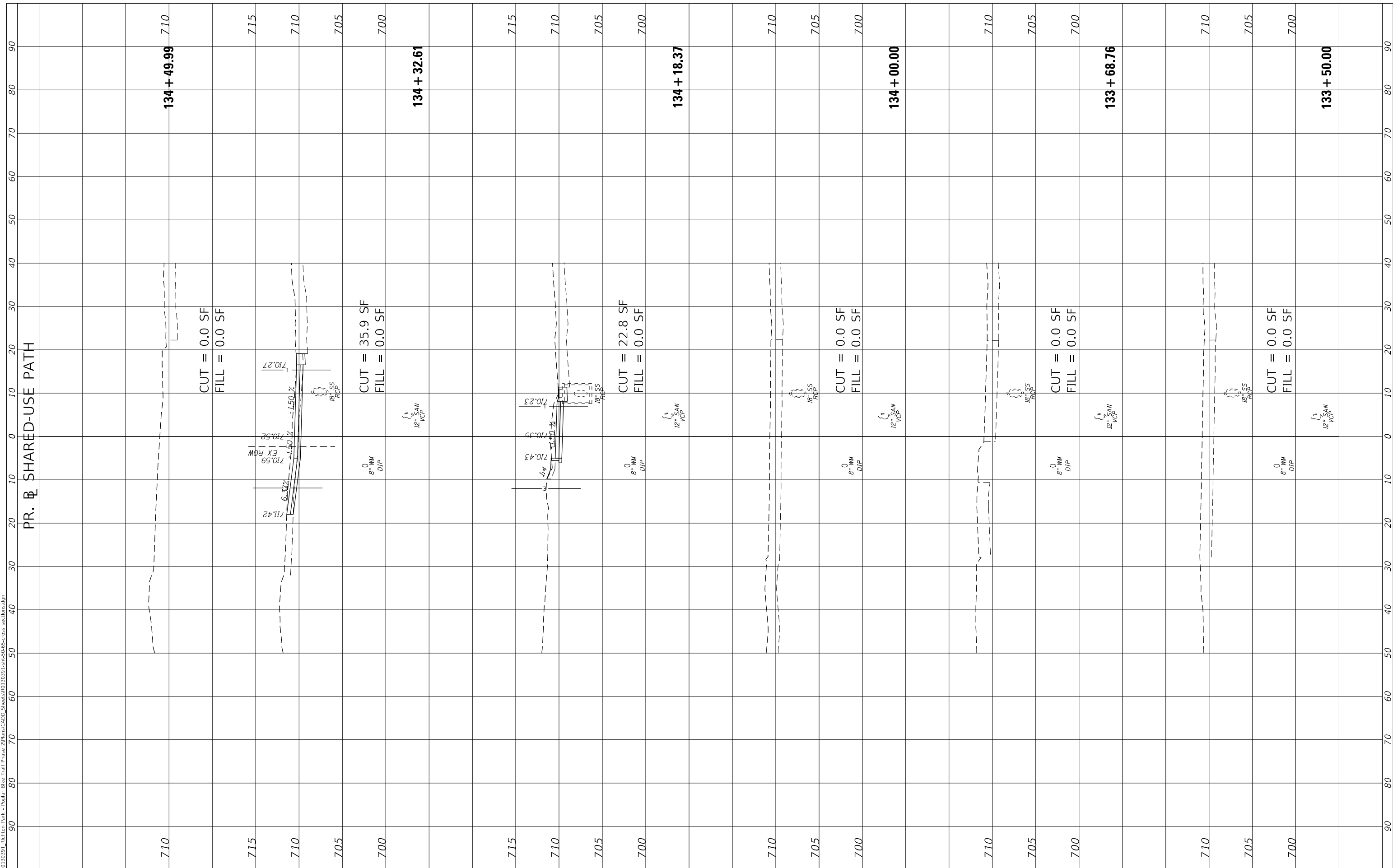
SCALE: 1"=10' SHEET 15 OF 16 SHEETS STA. 132+00.00 TO STA. 133+19.02

F.A. RTE. 350	SECTION 18-00063-00-BT	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 64
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
 FILE NAME: P:\0130391_Richton Park - Podiatr Bldg Trail Phase 2\BldgCADD_Sheets\0130391-sm-50-55-cross_sections.dgn



PR. B SHARED-USE PATH

USER NAME = User:AAcevedo	DESIGNED - AEA	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - AEA	REVISED -
PLOT DATE = 9/2/2020	CHECKED - RON	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 16 OF 16 SHEETS STA. 133+50.00 TO STA. 134+49.99

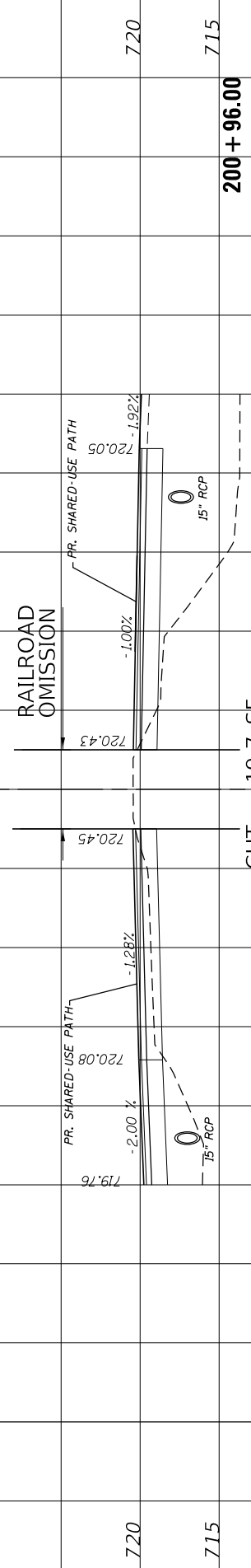
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	65
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				

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

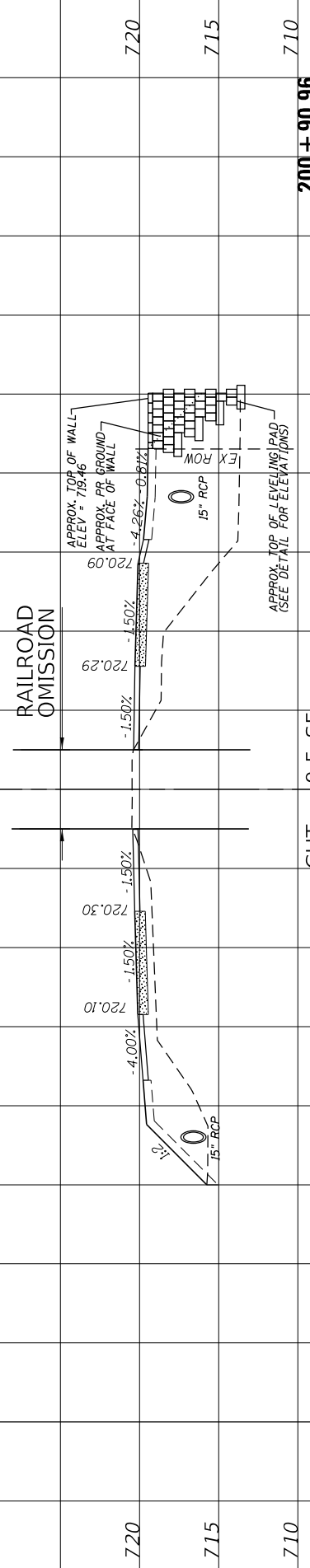
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

MODEL: Defnair
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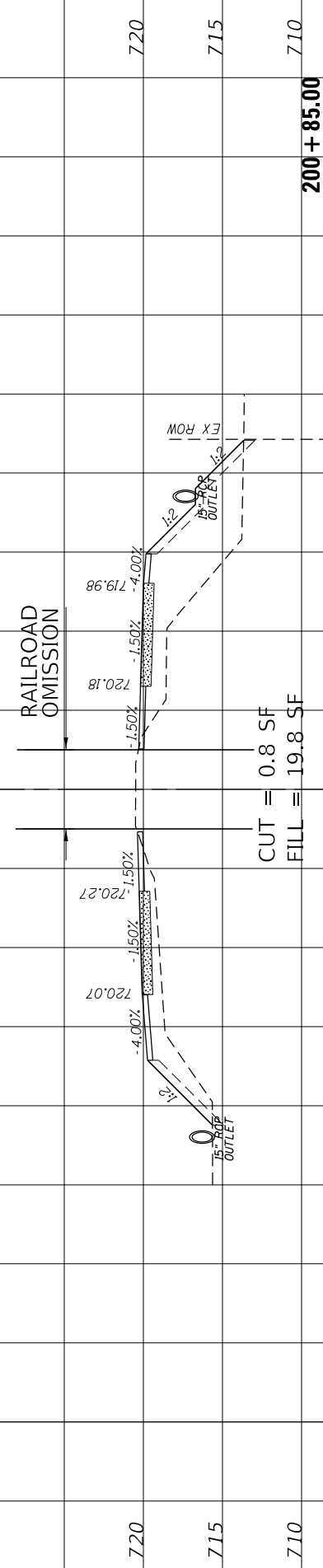
EX. C WISCONSIN CENTRAL LTD. RAILROAD



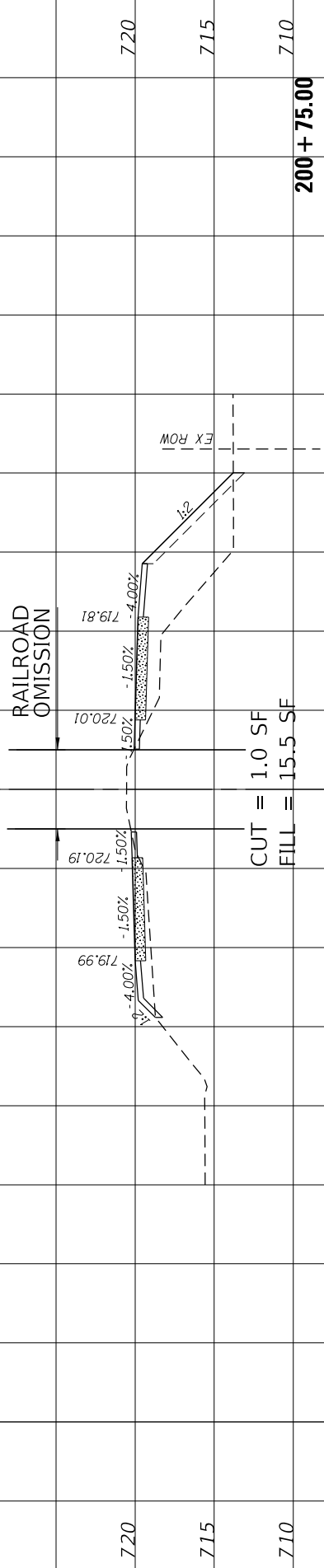
200 + 96.00



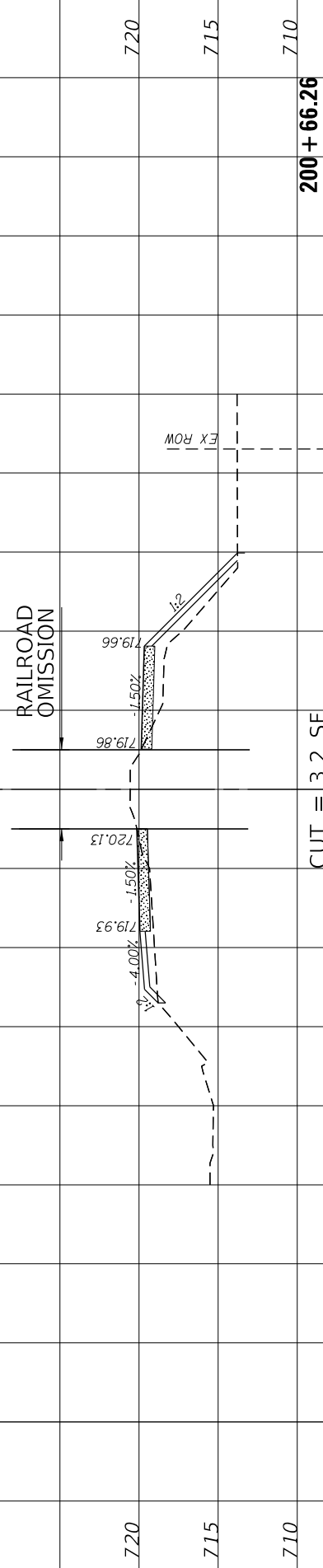
200 + 90.96



200 + 85.00



200 + 75.00



200 + 66.26

USER NAME = User:AAcavedo	DESIGNED - AEA	REVISED -
	DRAWN - AEA	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - RON	REVISED -
PLOT DATE = 7/7/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAILROAD**

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. 200+66.26 TO STA. 200+96.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	18-00063-00-BT	COOK	66	66
CONTRACT NO. 61G45				
ILLINOIS FED. AID PROJECT				