09-18-2020 LETTING ITEM 007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&SW	WILL	94	1
	ILLINOIS	CONTRACT NO. 62K28		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 338 (IL 59)
AT CHAMPION RD
SECTION 2019–147–TS&SW
PROJECT NHPP–EE5D(283)
INTERSECTION IMPROVEMENT
WILL COUNTY

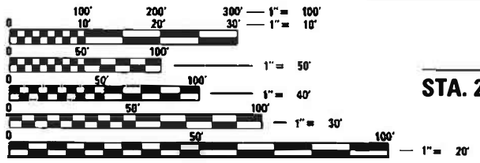
FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

IMPROVEMENTS ARE LOCATED IN THE VILLAGE OF PLAINFIELD AND THE CITY OF NAPERVILLE.

TRAFFIC DATA – IL 59
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL
2018 ADT = 67,000
P.V. = 95.7% S.U. = 2.1% M.U. = 2.2%
POSTED SPEED = 45 MPH
DESIGN SPEED = 45 MPH

TRAFFIC DATA – CHAMPION RD
FUNCTIONAL CLASSIFICATION: MINOR COLLECTOR
2018 ADT = 3,700
P.V. = 97.8% S.U. = 2.2% M.U = 0.0%
POSTED SPEED = 25 MPH
DESIGN SPEED = 25 MPH



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 EXCAVATORS
1–800–892–0123
OR 811

END IL 59 IMPROVEMENT
STA 63 + 97.70

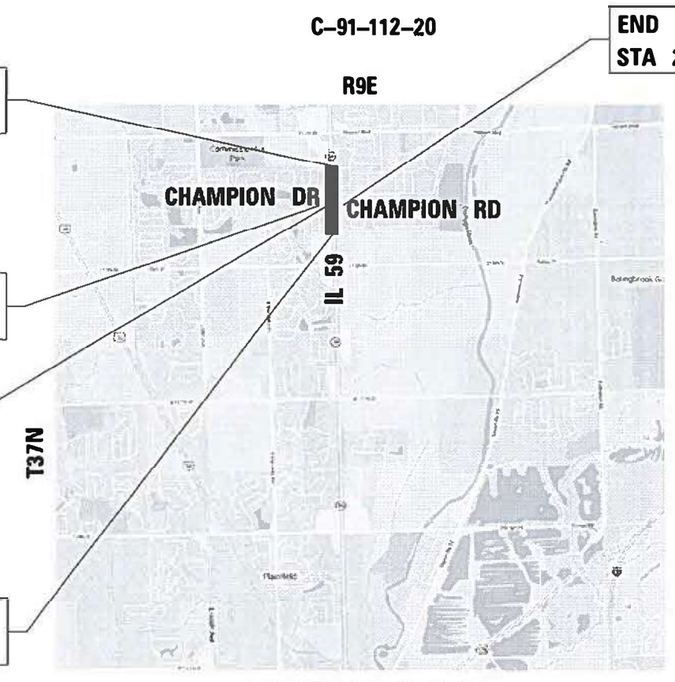
BEGIN CHAMPION DR IMPROVEMENT
STA 18 + 50.00

STA. 50 + 00.54 (IL 59)
STA. 20 + 00.00 (CHAMPION RD)

BEGIN IL 59 IMPROVEMENT
STA 36 + 16.76

C–91–112–20

END CHAMPION RD IMPROVEMENT
STA 21 + 40.00



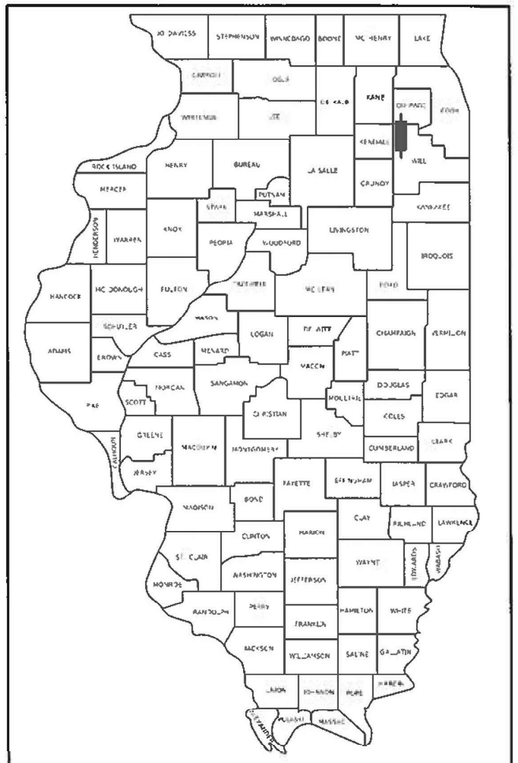
WHEATLAND TOWNSHIP

GROSS LENGTH IL 59 = 2775.30 FT. = 0.526 MILE
NET LENGTH IL 59 = 2775.30 FT. = 0.526 MILE

N

LOCATION MAP
NOT TO SCALE

D-91-319-20



LOCATION OF SECTION INDICATED THUS: –

EFK•Moen
Civil Engineering Design

RYAN CALL
062-064397
LICENSED PROFESSIONAL ENGINEER
OF
ILLINOIS

Signed:
Date: 06/09/2020
License Expires: 11/30/2021
The seal shown above is valid for Sheets 01-51, 67-94.

LICENSED PROFESSIONAL ENGINEER
RYAN MATTHEW SIKES
062-068663
OF ILLINOIS

Signed:
Date: 06/09/2020
License Expires: 11/30/2021
The seal shown above is valid for Sheets 52-66.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 18 2020
REGIONAL ENGINEER

August 14, 2020
ENGINEER OF DESIGN AND ENVIRONMENT

August 14, 2020
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: DAN WILGREEN, PE (847)705–4240
PROJECT MANAGER: FAWAD AQUEEL, PE (847)705–4247

CONTRACT NO. 62K28

INDEX OF SHEETS

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602011-02	CATCH BASIN TYPE C
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTMENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTMENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE 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 & DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES

HIGHWAY STANDARDS (CONT'D)

857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF PLAINFIELD AND CITY OF NAPERVILLE.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD, FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
6. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
7. THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS, AREA TRAFFIC FIELD ENGINEER, AT ERIC.CAMPOS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
8. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
9. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
10. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
11. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
12. ALL PAVEMENT PATCHING LOCATIONS WILL BE AS DETERMINED IN THE FIELD BY THE ENGINEER.
13. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE AS SHOWN ON THE PLANS AND AS DETERMINED IN THE FIELD BY THE ENGINEER.
14. COMED COMPANY WIRES ARE NOT INSULATED AND EXTRA CAUTION AND VIGILANCE MUST BE ADHERED TO WHEN WORKING AROUND THEM. CONTRACTORS SHOULD ALWAYS USE CAUTION IN OPERATING CRANES AND OR OTHER EQUIPMENT NEAR OVERHEAD ELECTRICAL FACILITIES. THE OCCUPATIONAL HEALTH AND SAFETY ORGANIZATION (OSHA) RULES REQUIRE THAT WORKERS AND EQUIPMENT SHALL NOT APPROACH WITHIN TEN (10) FEET AWAY OF OVERHEAD ELECTRICAL EQUIPMENT WITHOUT APPROPRIATE SUPPLEMENTAL PROTECTION. PLEASE BE CERTAIN THAT ALL WORKERS ON THIS PROJECT HAVE BEEN FULLY TRAINED AND CONFORM TO OSHA RULES AND OTHER APPLICABLE GUIDELINES REGARDING WORKING SAFELY AROUND ELECTRICAL POWER LINES.

REV-SEP

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
INDEX, GENERAL NOTES, STANDARDS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	2
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\ODNDesign\Prelim\Plotsheets\D162K28-sht-gennote.dgn

GENERAL NOTES (CONT.)

15. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED LARGER ITEM OF SPECIFIED WORK.

16. THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS.

17. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED, ANY DAMAGE DONE TO THE EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

18. THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.

19. ALL EMBANKMENTS AND SUBGRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUBBASE GRANULAR MATERIAL.

20. HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

21. ALL CLEARING, REMOVAL OF BUSHES. HEDGES AND TREES UNDER SIX (6) INCHES IN DIAMETER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION

22. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

23. TEMPORARY PEDESTRIAN WALKWAYS INSTALLED AND MAINTAINED DURING CONSTRUCTION WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

24. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

25. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH. WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

26. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE DISTRICT ONE DETAIL BD-32 "BUTT JOINTS AND HMA TAPER" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

27. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.

28. DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED AT HIS EXPENSE TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS.

DRAINAGE AND UTILITIES GENERAL NOTES

1. BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, MANHOLES, INLETS, AND SCUPPERS, THE CONTRACTOR SHALL REVIEW EXISTING FIELD CONDITIONS AND THE DRAINAGE SCHEDULES FOUND IN THE PLANS FOR THE EXACT LENGTH AND QUANTITY REQUIRED.

2. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER, WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM ALL THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. COORDINATION WITH ALL AGENCIES INVOLVED IS REQUIRED

3. THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNERS OF THE UTILITIES.

4. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING SEWER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER BEING CONNECTED.

5. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE AS SHOWN ON THE PLANS AND AS DETERMINED IN THE FIELD BY THE ENGINEER.

6. THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS OF THE UTILITIES.

7. EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.

8. MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.

9. ALL ADJUSTMENTS OR RECONSTRUCTION'S SHALL INCLUDE THE REMOVAL AND REPLACEMENT, AT THE CONTRACTORS'S EXPENSE, OF ALL UNSUITABLE TWO (2) FOOT INSIDE DIAMETER ADJUSTING RINGS.

10. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

11. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE APPLICABLE CONTRACT UNIT PRICE OR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

13. ADJUSTMENTS OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

EROSION CONTROL AND LANDSCAPING GENERAL NOTES

1. DIRECT OR INDIRECT PUMPING OF SEDIMENT-LADEN WATER INTO A STORMWATER FACILITY WITHOUT FILTRATION IS PROHIBITED.

2. RUNOFF FROM EXCAVATED AREAS SHALL LEAVE THE SITE THROUGH SEDIMENT CONTROL DEVICES SHOWN IN IDOT STD. 280001-05, AND/OR NRCS DETAILS FROM THE MOST RECENT VERSION OF THE ILLINOIS URBAN MANUAL.

3. THE CONTRACTOR SHALL SURROUND ANY NECESSARY EARTH STOCKPILES WITH PERIMETER EROSION BARRIER.

4. ALL ESC MEASURES SHOULD BE CHECKED WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SNOWMELT.

5. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF THE TEMPORARY OR PERMANENT CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION OF WORK IN AN AREA.

6. ALL WASTE GENERATED AS A RESULT OF THE PROJECT INCLUDING DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, SANITARY WASTE, OR ANY OTHER WASTE SHALL BE PROPERLY DISPOSED OF AND BE PREVENTED FROM BEING CARRIED OFF THE SITE BY EITHER WIND OR WATER. ALL EXPOSED IDLE EARTH, INCLUDING EARTH STOCKPILES, WILL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING. THE APPLICATION RATE FOR TEMPORARY EROSION CONTROL SEEDING IS 100 POUNDS PER ACRE FOR THREE APPLICATIONS.

7. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS OF ACHIEVING PERMANENT SOIL STABILIZATION. TRAPPED SEDIMENT AND OTHER DISTURBED SOILS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF AND THE AREA PERMANENTLY STABILIZED.

8. ANY LOOSE MATERIAL DESPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.

9. THE CONTRACTOR SHALL INSTALL PERIMETER EROSION BARRIER PRIOR TO STRIPPING OF VEGETATION.

10. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL

11. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

12. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

13. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THE CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.

COMMITMENTS

NONE.

USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
INDEX, GENERAL NOTES, STANDARDS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	3
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

					CONSTRUCTION CODE				
					80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
					ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
					URBAN	URBAN	URBAN	URBAN	URBAN
**	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	24	24				
	20200100	EARTH EXCAVATION	CU YD	250	250				
	20200200	ROCK EXCAVATION	CU YD	23	23				
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	540	540				
	20400800	FURNISHED EXCAVATION	CU YD	235	235				
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5781	5781				
	21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	114	114				
**	25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25				
**	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	107	107				
**	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	107	107				
**	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	107	107				
**	25100630	EROSION CONTROL BLANKET	SQ YD	5523	5523				
**	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	258	258				
**	25200110	SODDING, SALT TOLERANT	SQ YD	114	114				

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

REV-SEP

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JB, CS, SH	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	**IL 59 AT CHAMPION RD**
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	**SUMMARY OF QUANTITIES**

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	4
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

				CONSTRUCTION CODE				
				80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
				URBAN	URBAN	URBAN	URBAN	URBAN
25200200	SUPPLEMENTAL WATERING	UNIT	2	2				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	363	363				
28000305	TEMPORARY DITCH CHECKS	FOOT	180	180				
28000400	PERIMETER EROSION BARRIER	FOOT	25	25				
28000500	INLET AND PIPE PROTECTION	EACH	1	1				
28000510	INLET FILTERS	EACH	5	5				
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	125	125				
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1641	133	1508			
35600724	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	SQ YD	57	57				
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	127	127				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	238	238				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1	1				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	87	87				
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	47	47				

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-ilht-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	5
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

				CONSTRUCTION CODE				
				80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
				URBAN	URBAN	URBAN	URBAN	URBAN
42000540	PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	67	67				
42001300	PROTECTIVE COAT	SQ YD	1641	133	1508			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14772	1200	13572			
42400800	DETECTABLE WARNINGS	SQ FT	168	168				
44000100	PAVEMENT REMOVAL	SQ YD	9	9				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	411	411				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	340	340				
44000600	SIDEWALK REMOVAL	SQ FT	1279	1279				
44003100	MEDIAN REMOVAL	SQ FT	111	111				
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	10	10				
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	10	10				
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	30	30				
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	50	50				
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	115	115				

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\PreItm\Plotsheets\D162K28-itm-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	6
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

				CONSTRUCTION CODE				
				80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
				ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
				URBAN	URBAN	URBAN	URBAN	URBAN
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3		3			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		1			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	297		297			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	15		15			
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1		1			
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10				
60260100	INLETS TO BE ADJUSTED	EACH	3	3				
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	168	168				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	71	71				
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	89	89				
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	349	349				
** 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	190	190				
** 66900530	SOIIL DISPOSAL ANALYSIS	EACH	3	3				

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

REV-SEP

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 59 AT CHAMPION RD SUMMARY OF QUANTITIES	
	DRAWN - JB, CS, SH	REVISED -			
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -			
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	7
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

					CONSTRUCTION CODE				
					80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	ROADWAY 0004 URBAN	TRAFFIC SIGNALS 0021 URBAN	EVP 0021 URBAN	ROADWAY 0004 URBAN
**	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
**	66901003	REGULATED SUBSTANES FINAL CONSTRUCTION REPORT	LSUM	1	1				
**	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10				
*	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12				
	67100100	MOBILIZATION	L SUM	1	1				
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60			60		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1697	1697				
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	646	646				
*	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	250	250				
*	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	854	854				
*	70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	424	424				
*	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	180	180				
*	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	128	128				
	72000100	SIGN PANEL - TYPE 1	SQ FT	53.5	43		10.5		

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\PreItm\Plotsheets\D162K28-itm-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	8
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

					CONSTRUCTION CODE				
					80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
					ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
					URBAN	URBAN	URBAN	URBAN	URBAN
	72000200	SIGN PANEL - TYPE 2	SQ FT	79	39		40		
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4				
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	23	23				
	72900100	METAL POST - TYPE A	FOOT	92	92				
	72900200	METAL POST - TYPE B	FOOT	24	24				
	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	2	2				
**	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	63	63				
**	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	109	109				
**	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	42	42				
**	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	208	208				
**	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	555	555				
**	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	103	103				
**	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1718	1718				
**	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	178	178				

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champlon Rd\DGN\Design\Prelim\Plotsheets\D162K28-ihr-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	9
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED / 20% STATE ROADWAY 0004 URBAN	80% FED / 20% PLAINFIELD ROADWAY 0004 URBAN	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD TRAFFIC SIGNALS 0021 URBAN	100% PLAINFIELD EVP 0021 URBAN	100% NAPERVILLE ROADWAY 0004 URBAN
**	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	23	23				
**	78200020	CURB REFLECTORS	EACH	16	16				
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	11	11				
**	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1608			1608		
**	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	136			136		
**	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	483			483		
**	81400100	HANDHOLE	EACH	5			5		
**	81400200	HEAVY-DUTY HANDHOLE	EACH	2			2		
**	81400300	DOUBLE HANDHOLE	EACH	1			1		
**	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2		
**	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1			1		
**	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5578			5578		
**	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1367			1367		
**	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1716			1716		

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

REV-SEP

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Notsheets\D162K28-sht-SQQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	10
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

					CONSTRUCTION CODE				
					80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
					ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
					URBAN	URBAN	URBAN	URBAN	URBAN
**	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1972			1972		
**	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1631			1631		
**	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1875			1875		
**	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	190			190		
**	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	759			759		
**	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3			3		
**	87700120	STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	EACH	1			1		
**	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1			1		
**	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1			1		
**	87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1			1		
**	87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1			1		
**	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16			16		
**	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4			4		
**	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10			10		

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

REV-SEP

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	11
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

					CONSTRUCTION CODE				
					80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
					ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
					URBAN	URBAN	URBAN	URBAN	URBAN
**	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48			48		
**	87900200	DRILL EXISTING HANDHOLE	EACH	2			2		
**	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7			7		
**	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3			3		
**	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3			3		
**	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5			5		
**	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8			8		
**	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12			12		
**	88500100	INDUCTIVE LOOP DETECTOR	EACH	6			6		
**	88600100	DETECTOR LOOP, TYPE I	FOOT	424			424		
**	88700200	LIGHT DETECTOR	EACH	2				2	
**	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1	
**	88800100	PEDESTRIAN PUSH-BUTTON	EACH	8			8		
**	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1186			1186		

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-ilht-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	12
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

					CONSTRUCTION CODE				
					80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
					ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
					URBAN	URBAN	URBAN	URBAN	URBAN
*	89502376	REBUILD EXISTING HANDHOLE	EACH	2	2				
**	89502380	REMOVE EXISTING HANDHOLE	EACH	1			1		
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	4		4			
* **	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	260				260	
* **	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	8220			8220		
*	X0326806	WASHOUT BASIN	L SUM	1	1				
*	X0326811	ABANDON CONDUIT IN PLACE	EACH	2			2		
**	X0327298	REMOVE AND RELOCATE LIGHTING SYSTEM	L SUM	1					1
	X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	94	94				
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	629	629				
**	X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1			1		
**	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1			1		
**	X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2			2		
**	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2			2		

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

REV-SEP

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-SOQ.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	13
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

					CONSTRUCTION CODE				
					80% FED / 20% STATE	80% FED / 20% PLAINFIELD	80% FED/ 10% STATE/ 5% NAPERVILLE/ 5% PLAINFIELD	100% PLAINFIELD	100% NAPERVILLE
					ROADWAY	ROADWAY	TRAFFIC SIGNALS	EVP	ROADWAY
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004	0004	0021	0021	0004
					URBAN	URBAN	URBAN	URBAN	URBAN
* **	X2700003	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	427	427				
* **	X2700011	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7"	FOOT	427	427				
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
*	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	968	968				
* **	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1			1		
* **	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	5578				5578	
	X8780010	CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	8			8		
*	Z0004562	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	182	182				
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52				
* **	Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1		
*	X1800025	REMOVE AND REPLACE LAWN SPRINKLER SYSTEM	FOOT	150					150
Ø	Z0076600	TRAINEES	HOUR	500	500				
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500				

Ø 0042

* DENOTES SPECIAL PROVISION REQUIRED

** DENOTES SPECIALTY ITEM

REV-SEP

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-SOQ.dgn

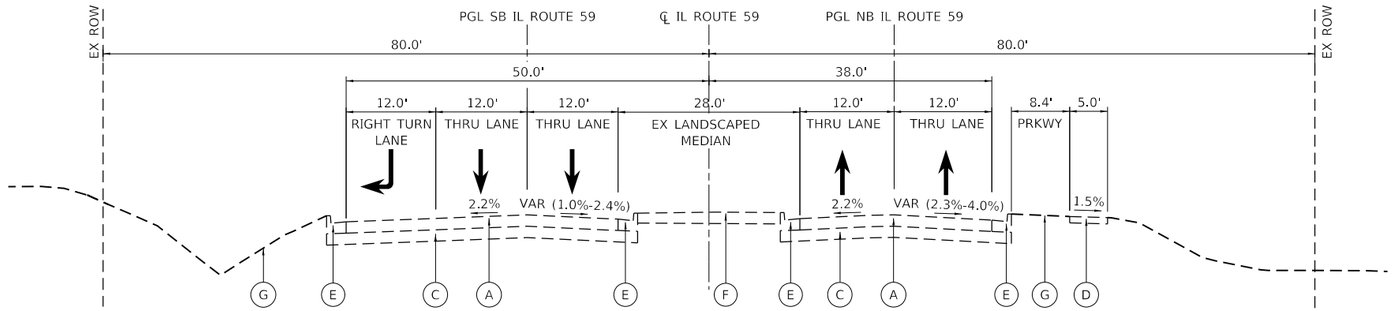
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/25/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SUMMARY OF QUANTITIES

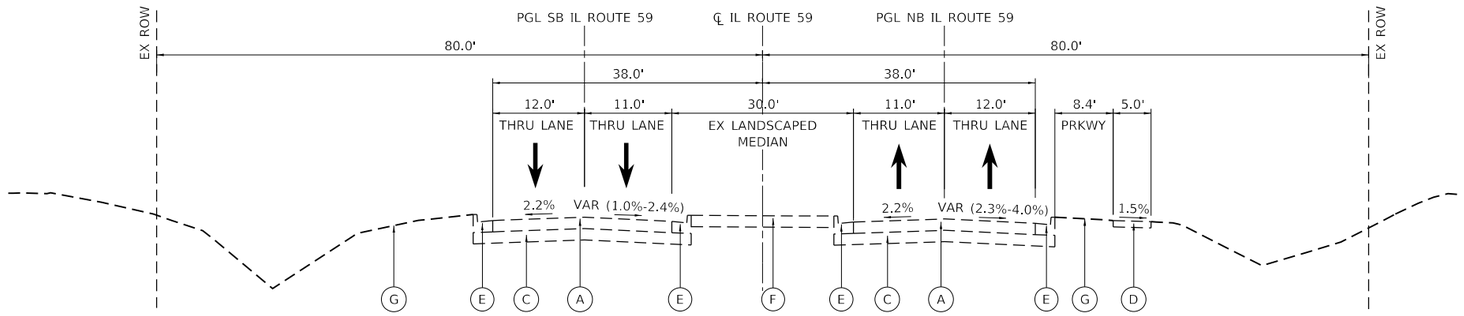
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	14
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



IL ROUTE 59 EXISTING TYPICAL SECTION

STA 36+17 TO STA 40+59
(LOOKING NORTH)



IL ROUTE 59 EXISTING TYPICAL SECTION

STA 40+59 TO STA 44+00
(LOOKING NORTH)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- ▨ TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-typplcal-01.dgn

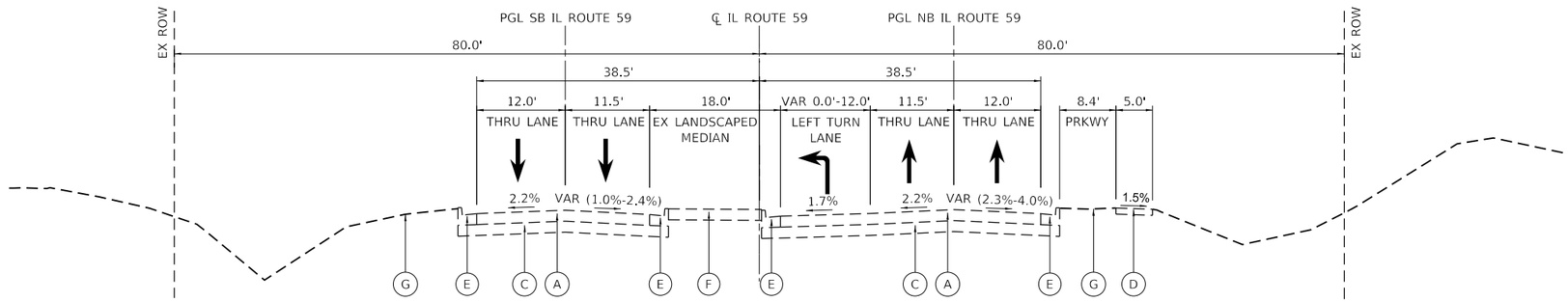
USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	15
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

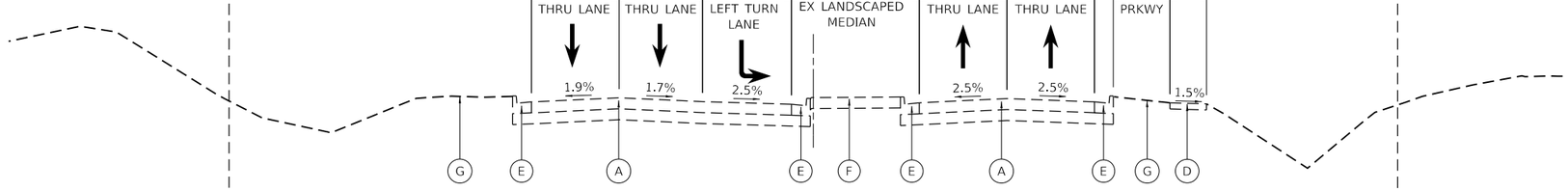


IL ROUTE 59 EXISTING TYPICAL SECTION

STA 44+00 TO STA 49+30
(LOOKING NORTH)

INTERSECTION OMISSION

STA. 49+30 TO STA 50+65



IL ROUTE 59 EXISTING TYPICAL SECTION

STA 50+65 TO STA 63+98
(LOOKING NORTH)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: 21:18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\02GNDs\dgn\Prelim\Plots\sheets\D162K28-sht-typ01-a02.dgn

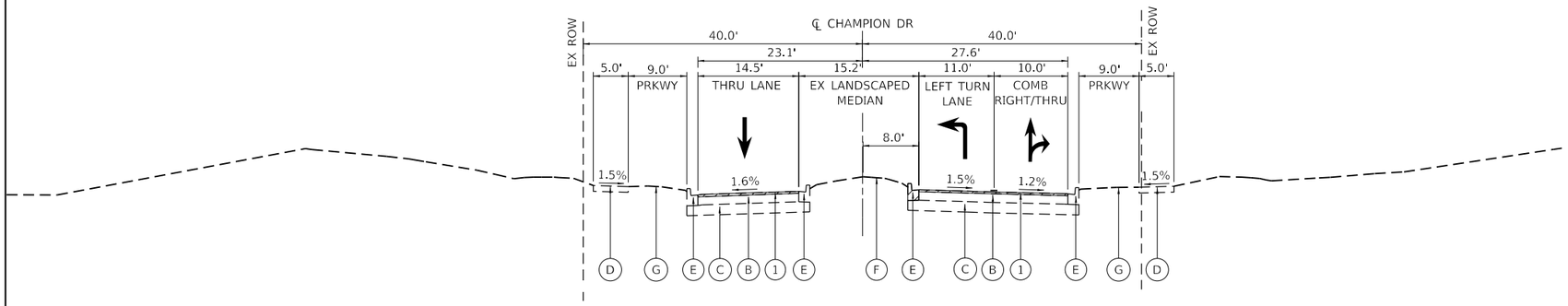
USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

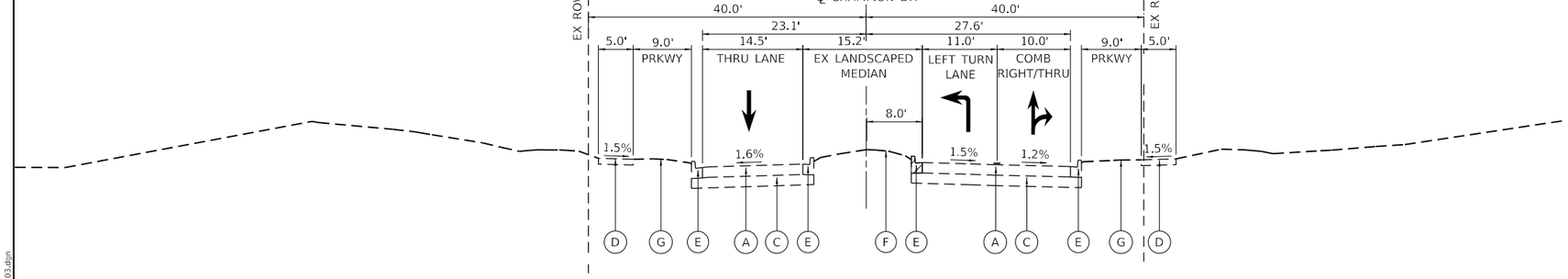
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	16
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



CHAMPION DRIVE EXISTING TYPICAL SECTION

STA 18+50 TO STA 18+86
(LOOKING EAST)



CHAMPION DRIVE EXISTING TYPICAL SECTION

STA 18+86 TO STA 19+30
(LOOKING EAST)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- ▨ TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plansheets\D162K28-sht-typsk-sh03.dgn

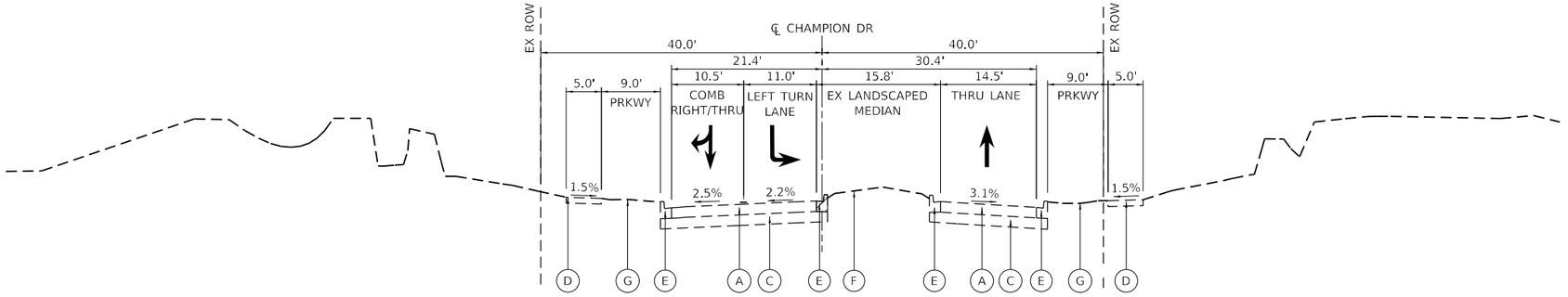
USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

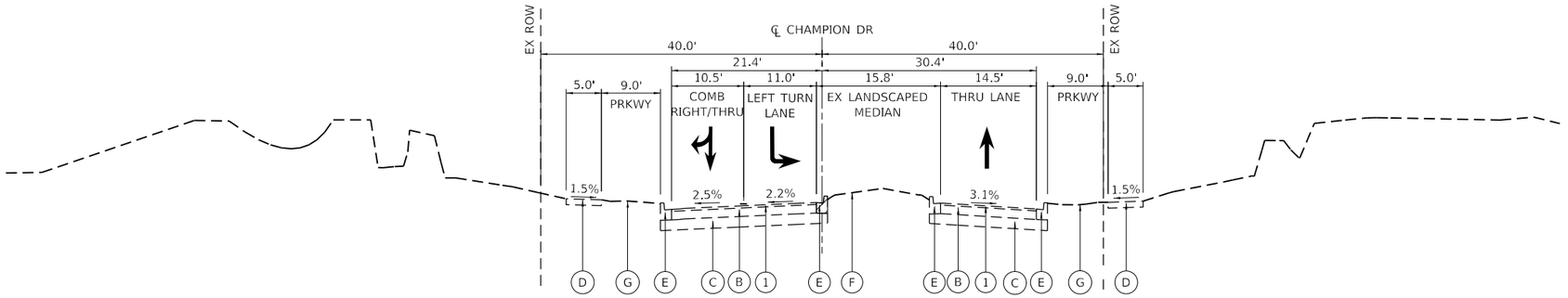
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	17
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



CHAMPION ROAD EXISTING TYPICAL SECTION

STA 20+68 TO STA 20+78
(LOOKING EAST)



CHAMPION ROAD EXISTING TYPICAL SECTION

STA 20+78 TO STA 21+40
(LOOKING EAST)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- ▨ TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-typical-04.dgn

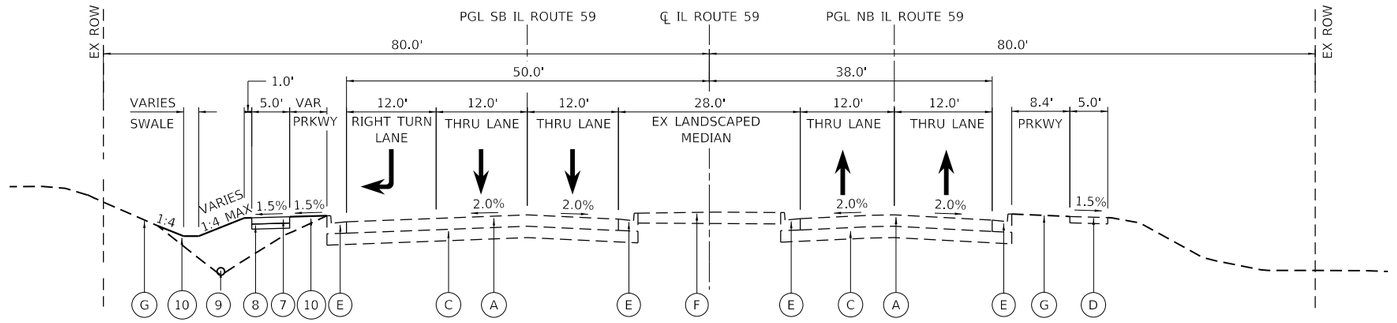
USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

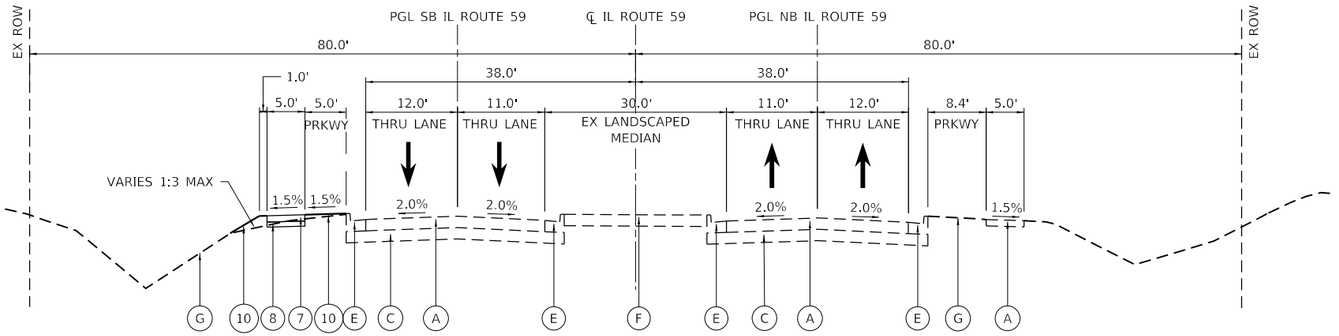
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	18
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	



IL ROUTE 59 PROPOSED TYPICAL SECTION

STA 36+17 TO STA 40+00
(LOOKING NORTH)



IL ROUTE 59 PROPOSED TYPICAL SECTION

STA 40+00 TO STA 44+75
(LOOKING NORTH)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

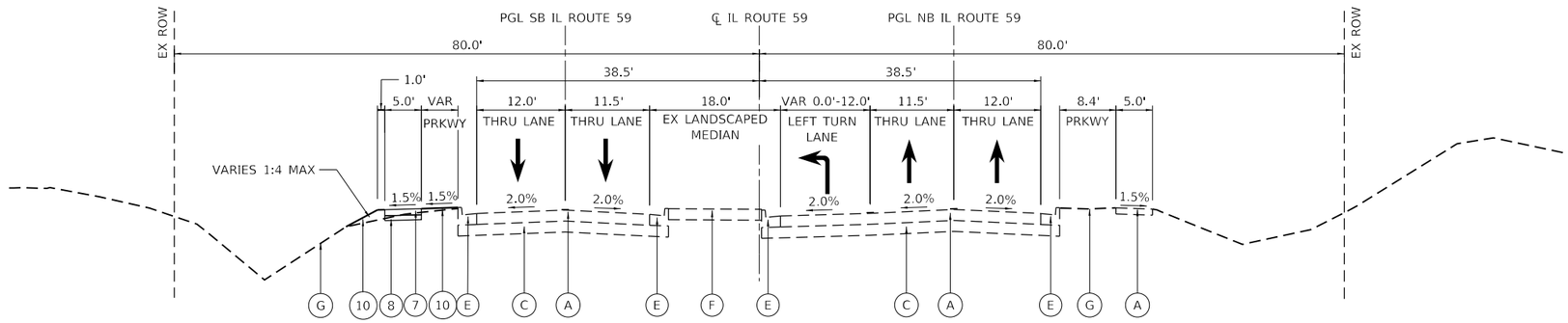
MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-typplcsh05.dgn

USER NAME = RGall	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	19
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

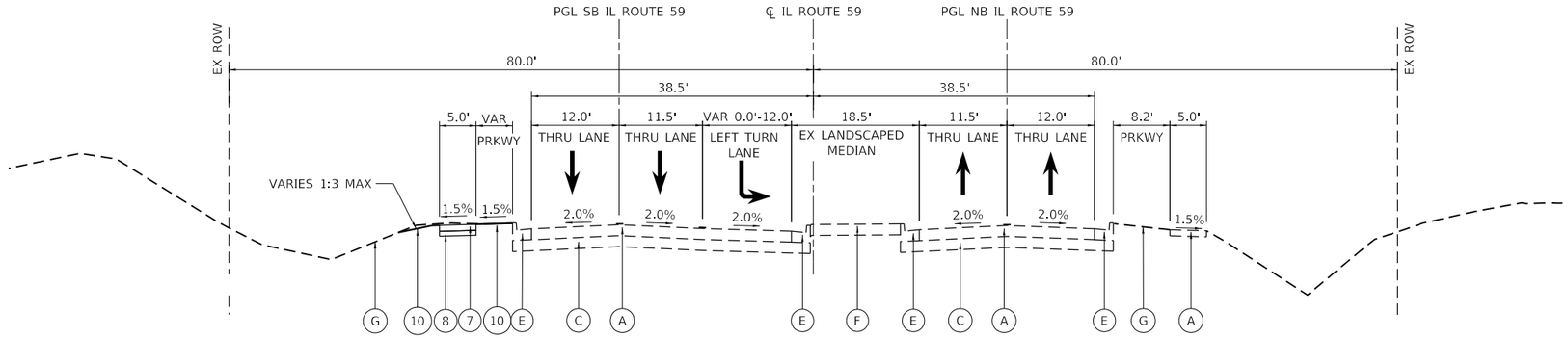


IL ROUTE 59 PROPOSED TYPICAL SECTION

STA 44+75 TO STA 49+30
(LOOKING NORTH)

INTERSECTION OMISSION

STA. 49+30 TO STA 50+65



IL ROUTE 59 PROPOSED TYPICAL SECTION

STA 50+65 TO STA 56+00
(LOOKING NORTH)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- ▨ TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: 21-18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\02GNDs\dgn\Prelim\Plots\sheets\D162X28-sht-typ01a4-06.dgn

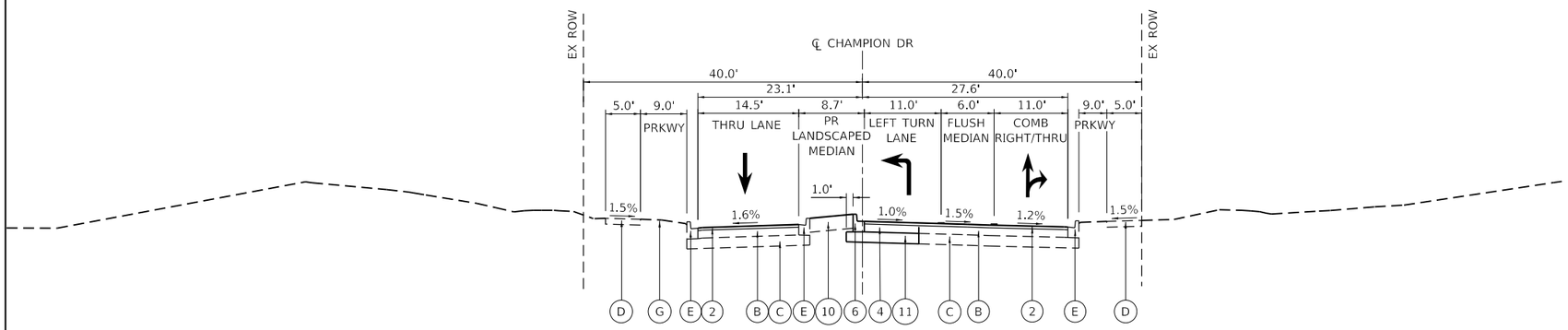
USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

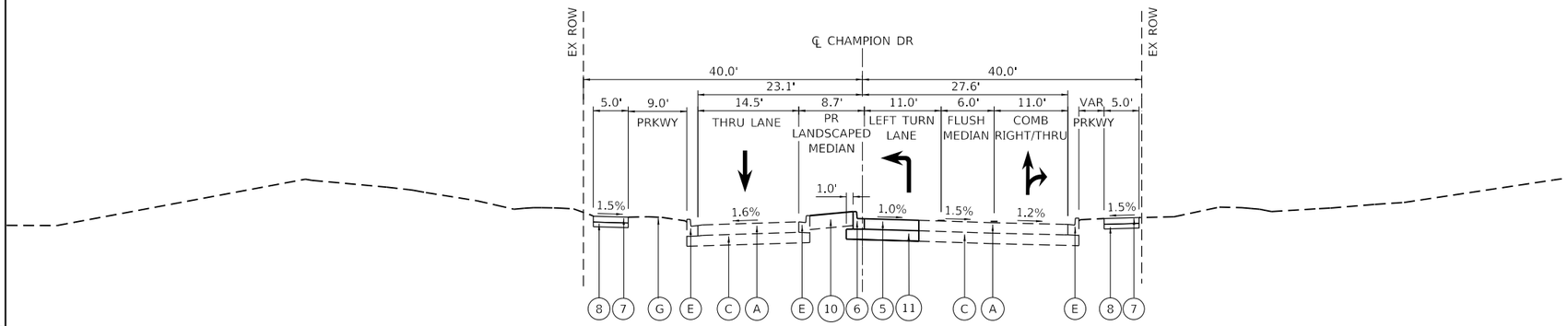
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	20
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



CHAMPION DRIVE PROPOSED TYPICAL SECTION

STA 18+50 TO STA 18+86
(LOOKING EAST)



CHAMPION DRIVE PROPOSED TYPICAL SECTION

STA 18+86 TO STA 19+30
(LOOKING EAST)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\PreElim\Plotsheets\D162K28-sht-typical-07.dgn

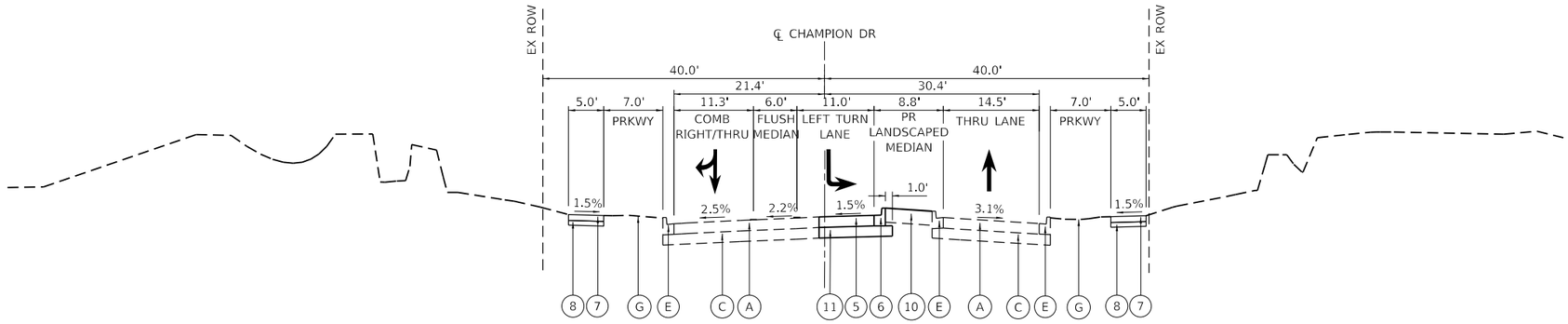
USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

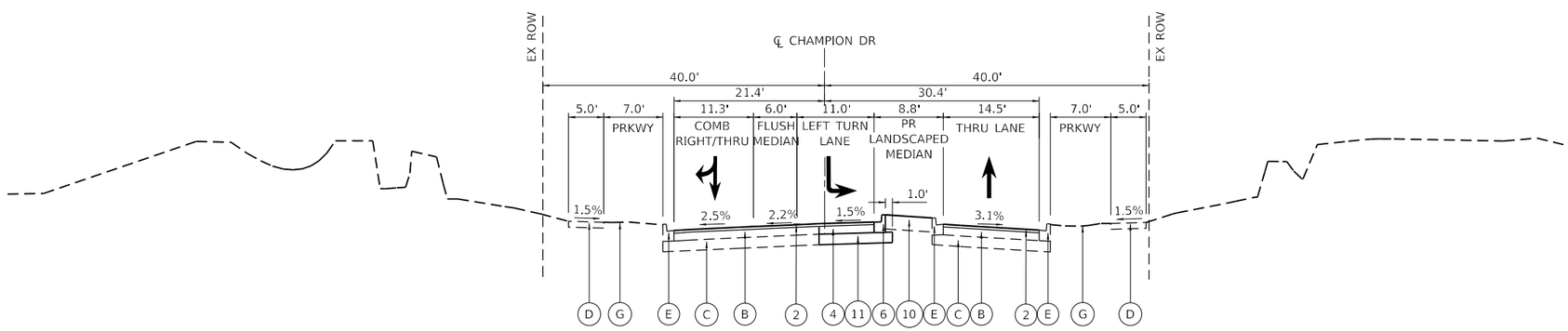
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	21
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



CHAMPION ROAD PROPOSED TYPICAL SECTION

STA 20+68 TO STA 20+78
(LOOKING EAST)



CHAMPION ROAD PROPOSED TYPICAL SECTION

STA 20+78 TO STA 21+40
(LOOKING EAST)

EXISTING LEGEND

- (A) EX PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (B) EX HMA PAVEMENT, 12"
- (C) EX AGGREGATE SUBGRADE, 12"
- (D) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES
- (F) EX LANDSCAPED MEDIAN
- (G) EX GROUND
- ▨ TO BE REMOVED

PROPOSED LEGEND

- (1) PR HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (2) PR HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (3) NOT USED
- (4) PR HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SEE NOTE 2)
- (5) PR PORTLAND CEMENT CONCRETE PAVEMENT, 12"
- (6) PR COMBINATION CURB AND GUTTER, TYPE B 6.12
- (7) PR PORTLAND CEMENT CONCRETE SIDWALK 5 INCH
- (8) PR SUBBASE GRANULAR MATERIAL TYPE B, 4"
- (9) PR STORM SEWER (SEE DRAINAGE PLANS)
- (10) PR SEEDING/SODDING AND TOPSOIL (SEE LANDSCAPING PLANS)
- (11) PR AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTES

1. CONTRACTOR SHALL MILL FIRST BEFORE PATCHING
2. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: 22118039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162X28-sht-typical-08.dgn

USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	22
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QMP
PROPOSED WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (HMA BINDER IL-19 mm) *	4% @ 50 GYR	QC/QA
PROPOSED RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER IL-19)	4% @ 50 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

NOTES

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
4. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

* HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-typlx-tsl-09.dgn

USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	23
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

TREE REMOVAL SCHEDULE				
ROUTE	STATION	OFFSET	DIAMETER (INCH)	20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)
CHAMPION RD	20+79.30	7.79' RT	(8)	8
CHAMPION RD	20+98.79	7.44' RT	(8)	8
CHAMPION RD	21+17.44	7.24' RT	(8)	8
		TOTAL		24

EARTHWORK SCHEDULE					
ROUTE	EARTH EXCAVATION (CU YD)	UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
IL-59	180	520	153	385	-232
CHAMPION	70	20	60	0	60
TOTAL	250	540	213	385	-172

PROPOSED PAVEMENT SCHEDULE							
FROM ROUTE	FROM STATION	TO ROUTE	TO STATION	42000540 PORTLAND CEMENT CONCRETE PAVEMENT, 12" (SQ YD)	30300112 AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)	40604060 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2" (TON)	* HOT-MIX ASPHALT BASE COURSE WIDENING, 12" (SQ YD)
CHAMPION DR	18+54.50	CHAMPION DR	18+82.12			15	
CHAMPION DR	18+69.48	CHAMPION DR	18+86.24		15	2	15
CHAMPION DR	18+86.24	CHAMPION DR	19+48.13	44	44		
CHAMPION RD	20+49.14	CHAMPION RD	20+77.68	23	23		
CHAMPION RD	20+77.68	CHAMPION RD	21+31.72		42	5	42
CHAMPION RD	20+81.77	CHAMPION RD	21+35.67			25	
TOTAL				67	124	47	57

*HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

PROPOSED SIGNING SCHEDULE														
SIGN NUMBER	PROPOSED STATION	PROPOSED OFFSET	PROPOSED MOUNTING TYPE	DESIGNATION	DESCRIPTION	COLOR	PANEL WIDTH (IN)	PANEL HEIGHT (IN)	PANEL AREA (SQ FT)	72000100 SIGN PANEL TYPE 1 (SQ FT)	72000200 SIGN PANEL TYPE 2 (SQ FT)	72900100 METAL POST - TYPE A (FOOT)	72900200 METAL POST - TYPE B (FOOT)	72800100 TELESCOPING STEEL SIGN SUPPORT (LF)	73100100 BASE FOR TELESCOPING STEEL SIGN SUPPORT (EA)
P-GM-01	47+56.04	5.8' LT	GROUND	R3-5L	LEFT TURN ONLY	WHITE	30	36	7.5	7.5			12.0		
P-GM-02	47+56.04	45' RT	GROUND	D3-2	ADVANCE STREET NAME	YELLOW	78	36	19.5		19.5	46.0			
P-GM-03	49+48.59	2.8' LT	MEDIAN	R4-7	KEEP RIGHT	WHITE	24	30	5.0	5.0				11.5	1
P-TS-04	49+57.12	71.5' LT	TRAFFIC SIGNAL	R10-11b	NO TURN ON RED	WHITE	36	36	9.0	9.0					
P-TS-05	50+42.12	64.8' LT	TRAFFIC SIGNAL	R10-11b	NO TURN ON RED	WHITE	36	36	9.0	9.0					
P-GM-06	50+49.19	3.0' LT	MEDIAN	R4-7	KEEP RIGHT	WHITE	24	30	5.0	5.0				11.5	1
P-GM-07	52+39.96	44.3' LT	GROUND	D3-2	ADVANCE STREET NAME	YELLOW	78	36	19.5		19.5	46.0			
P-GM-08	52+39.96	6.5' LT	GROUND	R3-5L	LEFT TURN ONLY	WHITE	30	36	7.5	7.5			12.0		
									TOTAL	43.0	39.0	92.0	24.0	23.0	2

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-schedule.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
SCHEDULE OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	24
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

BENCHMARK #1

CHISELED SQAURE IN SE CORNER OF
CONC AROUND CATCH BASIN IN MEDIAN
OF IL 59, NORTH OF CHAMPION
STA. 66+79.67, 0.08' LT ℄ IL 59
N 1825116.4754
E 1019441.3733
ELEV. 658.683

BENCHMARK #2

CHISELED SQUARE IN NE CORNER OF
CONC RIM OF HANDOLE WEST SIDE
OF IL 59 ± 800' NORTH OF CHAMPION
STA. 64+15.08, 56.83' LT ℄ IL 59
N 1824850.1681
E 1019393.3510
ELEV. 657.730

BENCHMARK #3

CHISELED SQUARE IN NE CORNER OF
CONC RIM OF HANDHOLE WEST SIDE
OF IL 59 ± 400' SOUTH OF CHAMPION
STA. 46+17.08, 55.79' LT ℄ IL 59
N 1823053.1700
E 1019453.4710
ELEV. 662.731

BENCHMARK #4

TOP OF ROW MARKER WEST SIDE
OF IL 59 ± 1900' SOUTH OF CHAMPION
STA. 30+77.04, 78.88' LT ℄ IL 59
N 1821513.2024
E 1019480.9961
ELEV. 655.486

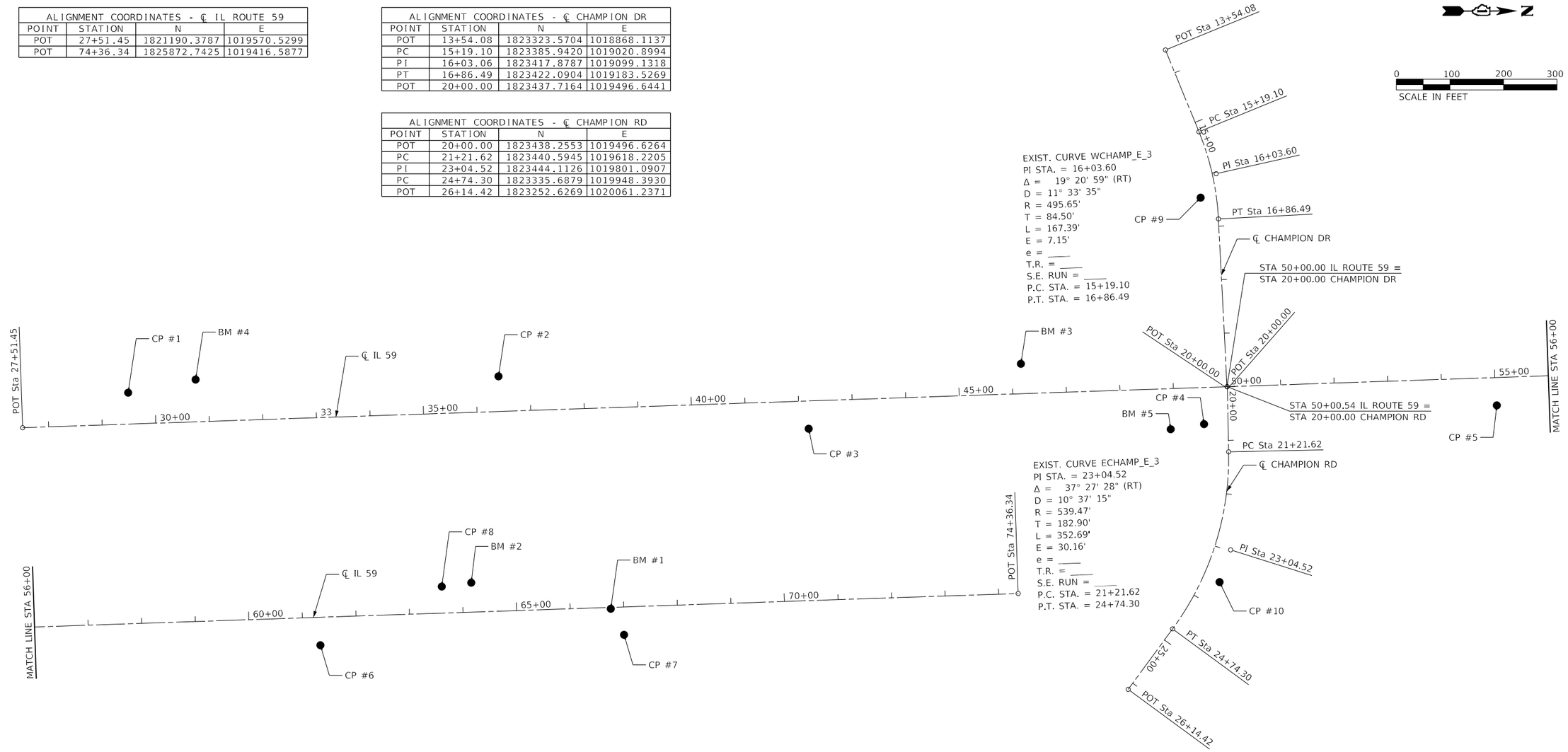
BENCHMARK #5

TOP OF ROW MARKER IN SOUTH EAST
CORNER OF IL 59 AND CHAMPION DR
STA. 48+92.30, 75.76' RT ℄ IL 59
N 1823332.5668
E 1019575.9006
ELEV. 661.958

ALIGNMENT COORDINATES - ℄ IL ROUTE 59			
POINT	STATION	N	E
POT	27+51.45	1821190.3787	1019570.5299
POT	74+36.34	1825872.7425	1019416.5877

ALIGNMENT COORDINATES - ℄ CHAMPION DR			
POINT	STATION	N	E
POT	13+54.08	1823323.5704	1018868.1137
PC	15+19.10	1823385.9420	1019020.8994
PI	16+03.06	1823417.8787	1019099.1318
PT	16+86.49	1823422.0904	1019183.5269
POT	20+00.00	1823437.7164	1019496.6441

ALIGNMENT COORDINATES - ℄ CHAMPION RD			
POINT	STATION	N	E
POT	20+00.00	1823438.2553	1019496.6264
PC	21+21.62	1823440.5945	1019618.2205
PI	23+04.52	1823444.1126	1019801.0907
PC	24+74.30	1823335.6879	1019948.3930
POT	26+14.42	1823252.6269	1020061.2371



USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 200.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

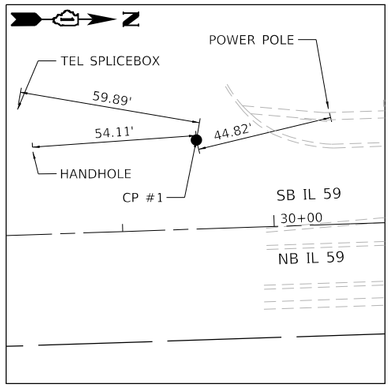
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ALIGNMENT, TIES, AND BENCHMARK

SCALE: | SHEET OF SHEETS | STA. TO STA.

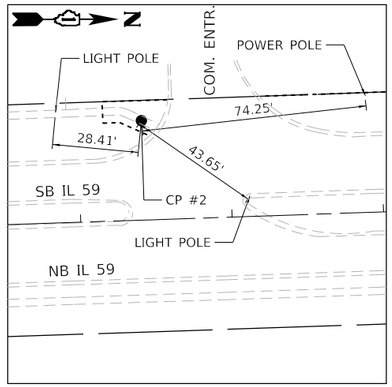
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	25
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: 21\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-ATB-01.dgn



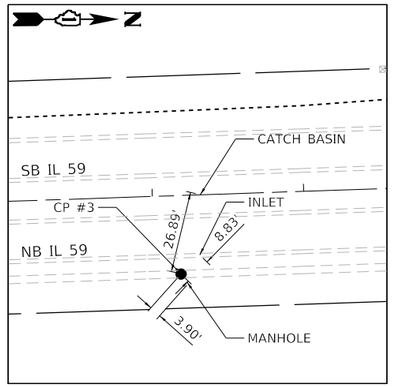
CONTROL POINT #1

"X" ON ISLAND
STA. 29+50.58, 58.71' LT ℄ IL 59
N: 1821387.4730, E: 1019505.3055



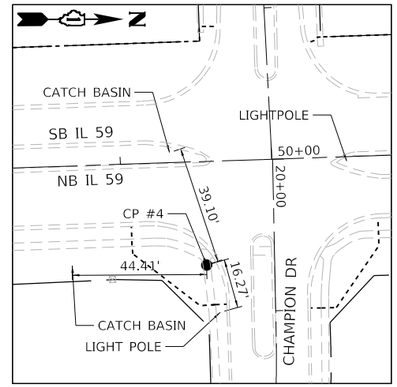
CONTROL POINT #2

"X" ON ISLAND
STA. 36+42.22, 65.67' LT ℄ IL 59
N: 1822078.5080, E: 1019475.6226
EL: 657.950



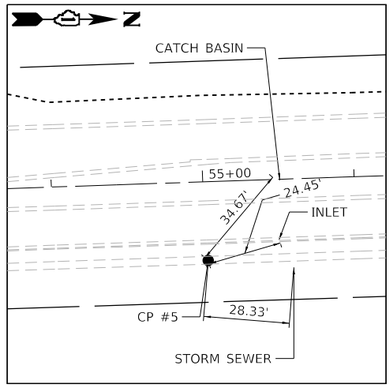
CONTROL POINT #3

"X" IN SIDEWALK
STA. 42+17.21, 51.80' RT ℄ IL 59
N: 1822657.0496, E: 1019574.1396
EL: 660.901



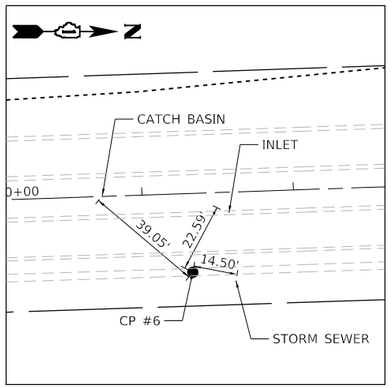
CONTROL POINT #4

"X" IN SIDEWALK IN THE S.E. CORNER OF IL 59 AND CHAMPION DR ELEVATION ESTABLISHED FROM GPS
STA. 49+54.75, 68.31' RT ℄ IL 59
N: 1823394.7350, E: 1019566.4055
EL: 660.998



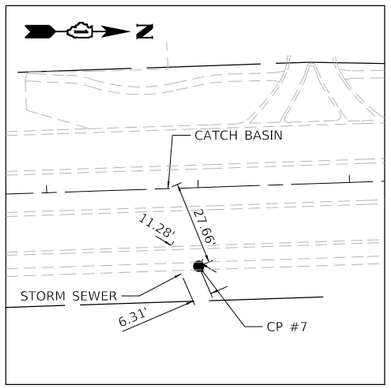
CONTROL POINT #5

"X" IN SIDEWALK
STA. 55+01.89, 51.92' RT ℄ IL 59
N: 1823941.0399, E: 1019532.0417
EL: 659.073



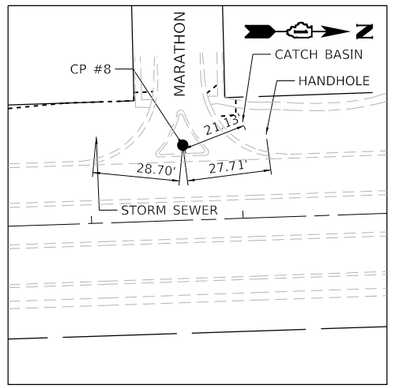
CONTROL POINT #6

"X" IN SIDEWALK
STA. 61+31.73, 52.04' RT ℄ IL 59
N: 1824570.5461, E: 1019511.4640
EL: 656.876



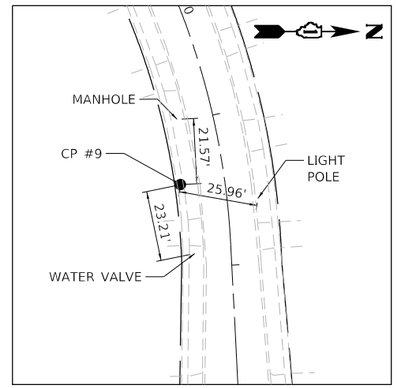
CONTROL POINT #7

"X" IN SIDEWALK
STA. 66+98.70, 51.87' RT ℄ IL 59
N: 1825137.1990, E: 1019492.6687
EL: 659.257



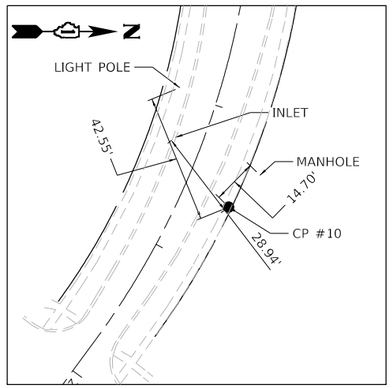
CONTROL POINT #8

"X" IN ISLAND
STA. 63+61.88, 49.53' LT ℄ IL 59
N: 1824797.2378, E: 1019402.3899
EL: 657.917



CONTROL POINT #9

"X" IN SIDEWALK
STA. 16+42.59, 29.27' RT ℄ CHAMPION DR
N: 1823388.9702, E: 1019143.8738
EL: 658.292



CONTROL POINT #10

"X" IN SIDEWALK
STA. 23+57.97, 32.30' LT ℄ CHAMPION RD
N: 1823423.4709, E: 1019861.1223
EL: 657.362

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-ATB-02.dgn

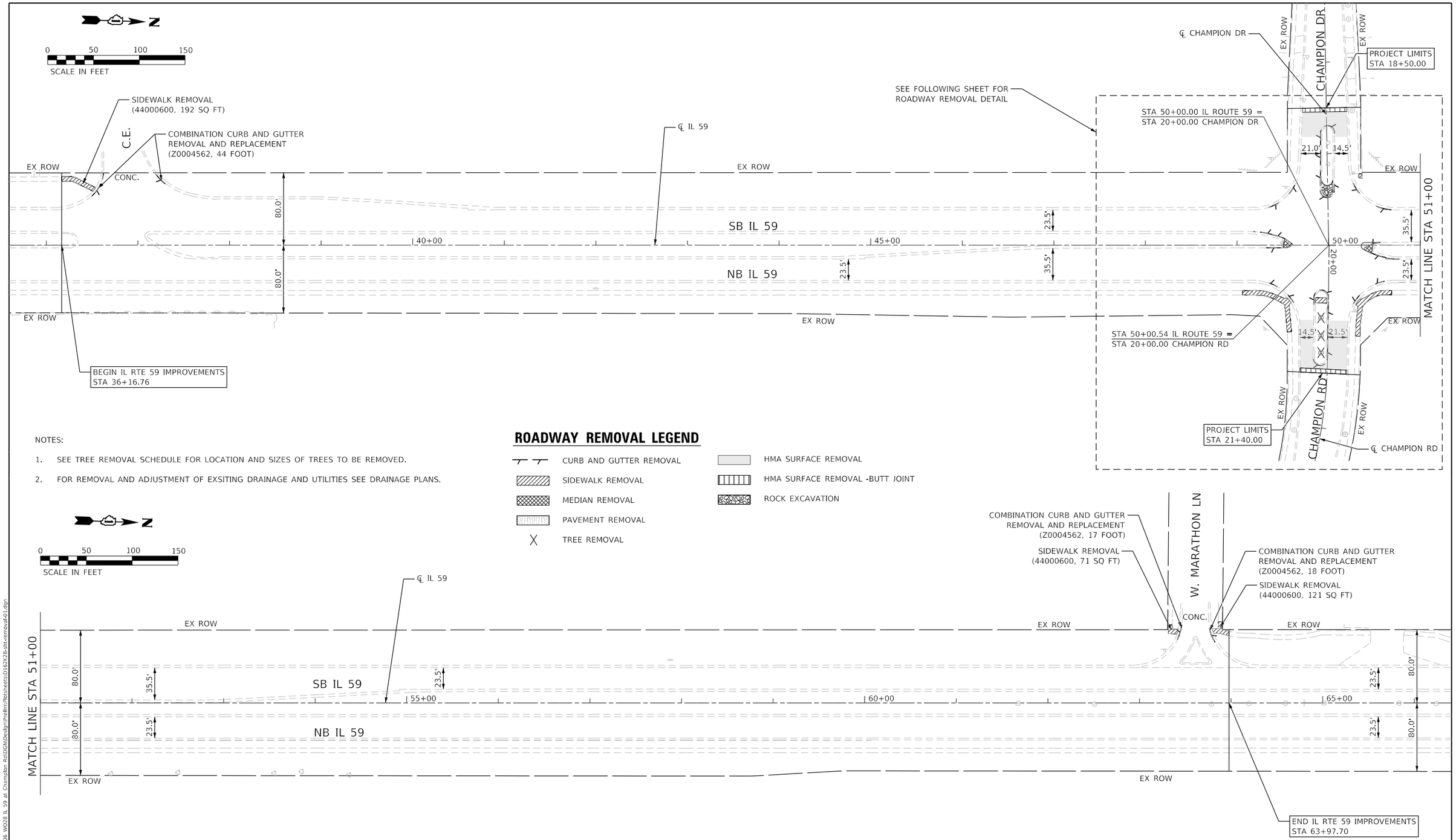
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 200.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ALIGNMENT, TIES, AND BENCHMARK

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	26
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. SEE TREE REMOVAL SCHEDULE FOR LOCATION AND SIZES OF TREES TO BE REMOVED.
2. FOR REMOVAL AND ADJUSTMENT OF EXSITING DRAINAGE AND UTILITIES SEE DRAINAGE PLANS.

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-removal-01.dgn

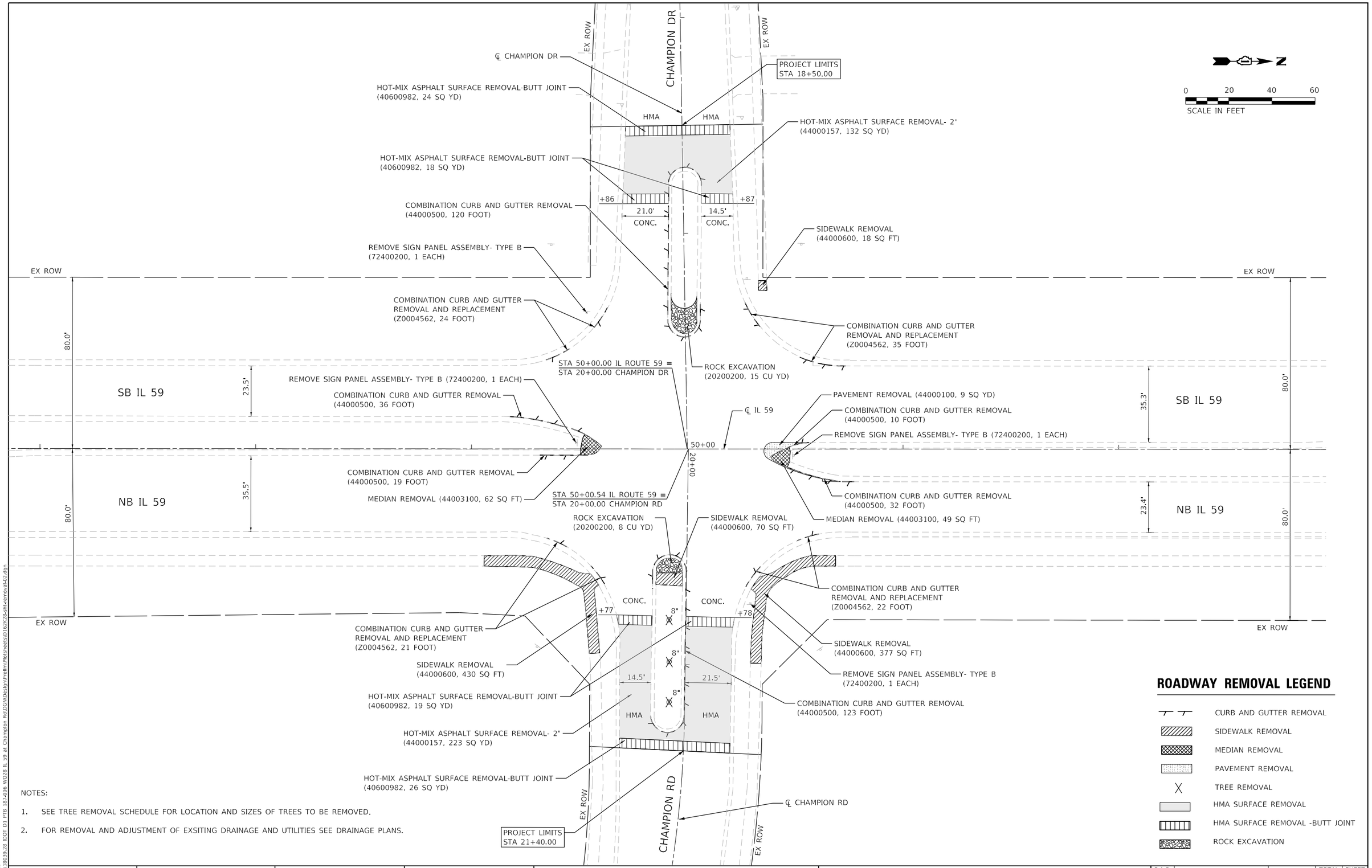
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ROADWAY REMOVAL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	27
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	



ROADWAY REMOVAL LEGEND

- CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- HMA SURFACE REMOVAL
- HMA SURFACE REMOVAL -BUTT JOINT
- ROCK EXCAVATION

NOTES:

1. SEE TREE REMOVAL SCHEDULE FOR LOCATION AND SIZES OF TREES TO BE REMOVED.
2. FOR REMOVAL AND ADJUSTMENT OF EXSITING DRAINAGE AND UTILITIES SEE DRAINAGE PLANS.

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-iht-removal-02.dgn

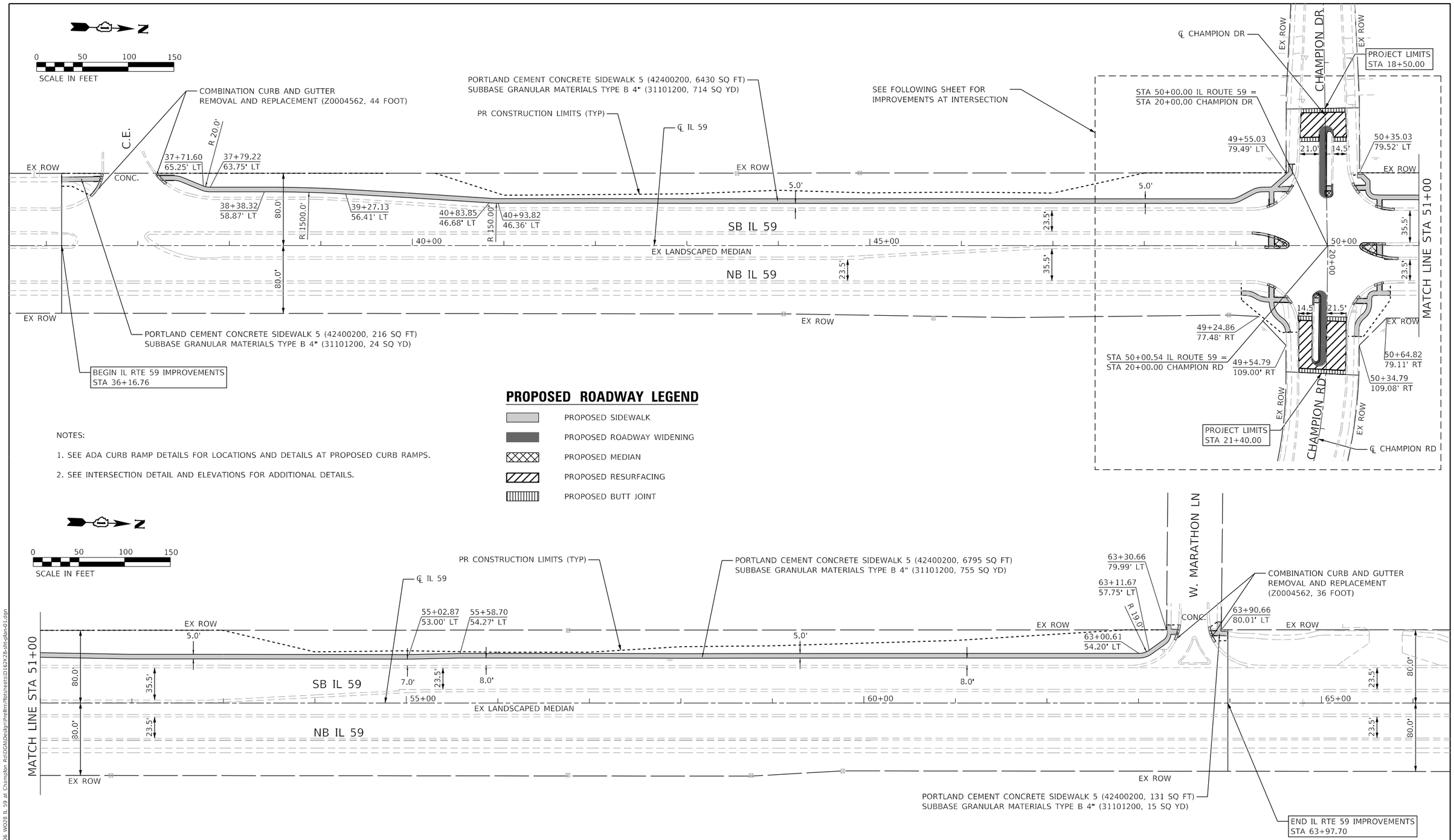
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ROADWAY REMOVAL DETAIL

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	28
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	



PROPOSED ROADWAY LEGEND

- PROPOSED SIDEWALK
- PROPOSED ROADWAY WIDENING
- PROPOSED MEDIAN
- PROPOSED RESURFACING
- PROPOSED BUTT JOINT

NOTES:

1. SEE ADA CURB RAMP DETAILS FOR LOCATIONS AND DETAILS AT PROPOSED CURB RAMPS.
2. SEE INTERSECTION DETAIL AND ELEVATIONS FOR ADDITIONAL DETAILS.

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

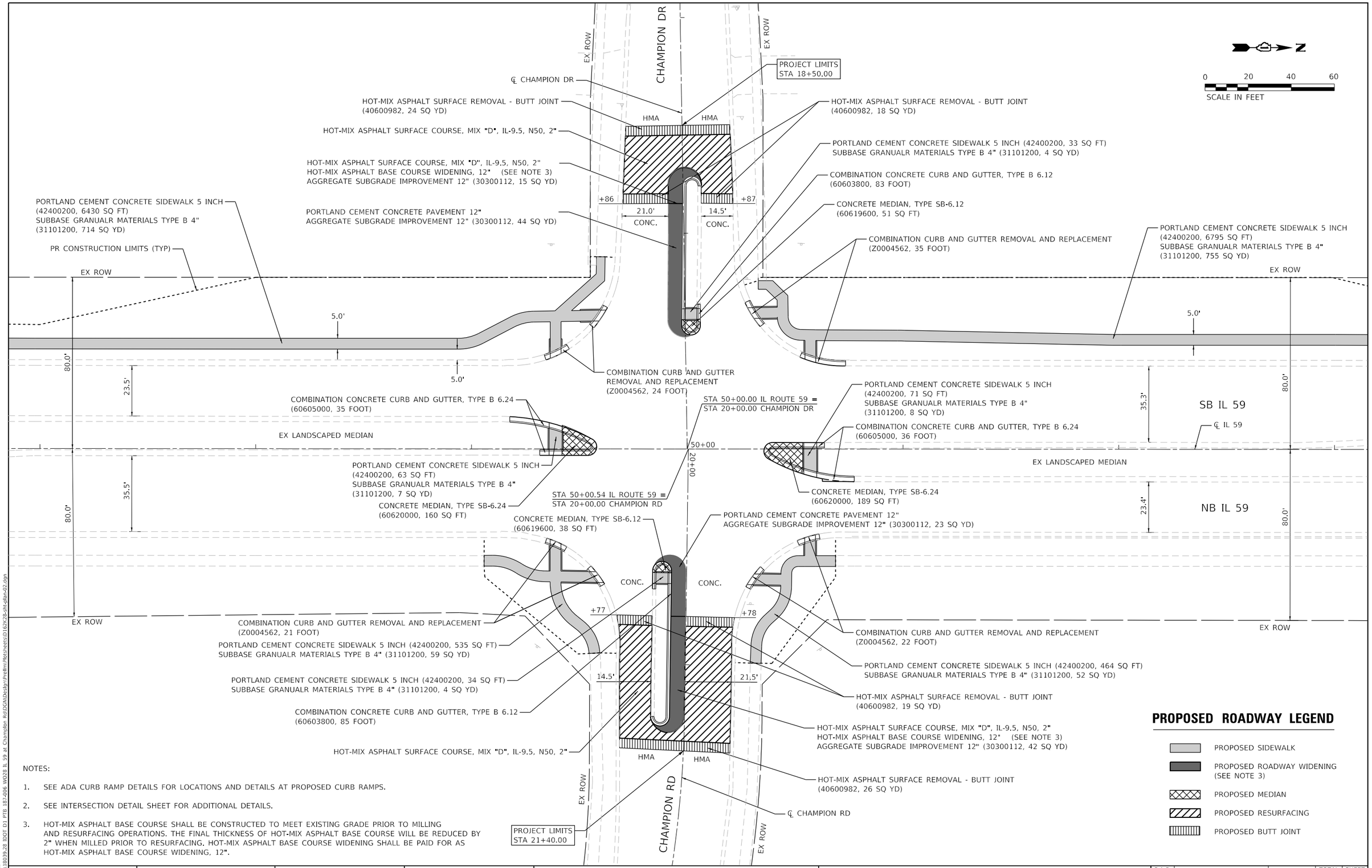
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ROADWAY PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	29
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-plan-01.dgn



NOTES:

1. SEE ADA CURB RAMP DETAILS FOR LOCATIONS AND DETAILS AT PROPOSED CURB RAMPS.
2. SEE INTERSECTION DETAIL SHEET FOR ADDITIONAL DETAILS.
3. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED TO MEET EXISTING GRADE PRIOR TO MILLING AND RESURFACING OPERATIONS. THE FINAL THICKNESS OF HOT-MIX ASPHALT BASE COURSE WILL BE REDUCED BY 2" WHEN MILLED PRIOR TO RESURFACING. HOT-MIX ASPHALT BASE COURSE WIDENING SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, 12".

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-alt-plan-02.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
INTERSECTION ROADWAY PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	30
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

MAINTENANCE OF TRAFFIC – GENERAL NOTES

1. THE CONTRACTOR SHALL REMOVE AND SAFELY STORE (FREE FROM THEFT OR DAMAGE) OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.

2. ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED AS DIRECTED BY THE ENGINEER.

3. ALL TEMPORARY PAVEMENT MARKINGS DURING STAGED CONSTRUCTION SHALL BE PAVEMENT MARKING TAPE, TAPE IV OF THE WIDTH AND COLOR SPECIFIED ON THE PLAN SHEETS.

4. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS OF SERVICE SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, SUFFICIENT QUANTITIES FOR 2 APPLICATIONS OF TEMPORARY PAVEMENT MARKINGS HAVE BEEN PROVIDED FOR EACH STAGE.

5. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL COMMERCIAL AND RESIDENTIAL ENTRANCES FOR THE ENTIRE DURATION OF THE PROJECT UNLESS OTHERWISE SHOWN ON THE PLANS.

6. AT THE END OF EACH WORK DAY THE CONTRACTOR SHALL BACKFILL OR COVER ALL EXPOSED TRENCHES AND OPEN EXCAVATION HOLES IN ORDER TO PROVIDE SAFE CONDITIONS FOR THE TRAVELING PUBLIC.

7. DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL TAKE NECESSARY PRE-CAUTIONS TO AVOID ANY CONSTRUCTION DEBRIS FROM ENCROACHING INTO THE ADJACENT THROUGH LANES.

8. SHORT-TERM DAILY LANE CLOSURES MAY BE REQUIRED FOR INSTALLATION OF PERMANENT PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701426.

MOTORIST NOTIFICATION FOR TURNING ON NEW TRAFFIC SIGNALS

THIS PROCEDURE SHALL BE FOLLOWED WHENEVER A NEW TRAFFIC SIGNAL IS TURNED ON WHERE SIGNALS DID NOT PREVIOUSLY EXIST.

2 WEEKS PRIOR TO SCHEDULED SIGNAL TURN-ON:
PLACE A CHANGEABLE MESSAGE SIGN (CMS) ON EACH MAINLINE APPROACH TO THE INTERSECTION WHICH READS:

NEW TRAFFIC SIGNAL	STARTING MMM ##

[INSERT 3-DIGIT MONTH ABBREVIATION & DATE FOR SCHEDULED TURN-ON]

ON THE DAY OF THE TURN-ON, CHANGE MESSAGES TO READ:

NEW SIGNAL AHEAD	BE PREPARED TO STOP

OVERSIZED YELLOW W3-3 SIGNAL AHEAD WARNING SIGNS SHALL BE PLACED ON EACH APPROACH TO THE INTERSECTION, EACH WITH A W16-15P "NEW" PLAQUE MOUNTED ABOVE THEM WITH A TEMPORARY POST EXTENSION ON IT, AND AN 18" X 18" ORANGE FLAG MOUNTED ON THE TRAFFIC SIDE OF EACH "NEW" PLAQUE. THESE SIGN ASSEMBLIES SHALL ALSO BE INSTALLED ON RAISED BARRIER MEDIANS OF MULTILANE HIGHWAYS (2ND LEFT SIDE INSTALLATION ACROSS FROM THE SIGN ON THE RIGHT SIDE) WHERE APPLICABLE).

THE TEMPORARY WARNING DEVICES AND SIGN ACCESSORIES SHALL BE REMOVED IN THE FOLLOWING ORDER:

- CHANGEABLE MESSAGE SIGNS – 2 WEEKS AFTER SIGNAL TURN-ON
- W16-15P "NEW" PLAQUES – 4 WEEKS AFTER SIGNAL TURN-ON
- ORANGE FLAGS – 2 MONTHS AFTER SIGNAL TURN-ON
- IF THE W3-3 SIGNAL AHEAD WARNING SIGNS ARE NOT WARRANTED BY THE MUTCD (THIS DETERMINATION SHALL BE MADE SOLELY BY THE AREA TRAFFIC FIELD ENGINEER/TECHNICIAN), THEN THEY SHALL BE REMOVED AS WELL AFTER A PERIOD OF 2 MONTHS FOLLOWING THE SIGNAL TURN-ON. THIS DETERMINATION SHALL BE MADE SEPARATELY FOR EACH APPROACH TO THE INTERSECTION, AS CONDITIONS MAY VARY BY DIRECTION REQUIRING THE SIGNS TO REMAIN PERMANENTLY IN ONE DIRECTION AND NOT IN THE OTHER DIRECTION. WHERE SIGNS ARE STILL WARRANTED TO REMAIN, THEN AFTER 2 MONTHS THEY MAY BE REPLACED WITH STANDARD SIZE SIGNS (REMOVE THE OVERSIZE SIGNS AND REPLACE WITH THE NORMAL STANDARD SIZE).

CHANGEABLE MESSAGE SIGNS, W3-3 SIGNAL AHEAD SIGNS, "NEW" PLAQUES, AND FLAGS SHOULD ALL BE PROVIDED IN THE CONTRACT. SEQUENTIAL REMOVAL OF SIGNS WILL BE PERFORMED BY THE SIGN SHOP. INSTALLATION OF THE SIGNS (POSSIBLY REPLACING INTERSECTION WARNING SIGNS WITH THE W3-3 SIGNS) SHALL BE COORDINATED TO BE COMPLETED ON THE DAY OF THE TRAFFIC SIGNAL TURN-ON SCHEDULED WITH THE AREA TRAFFIC SIGNAL ENGINEER. CONTACT THE AREA TRAFFIC FIELD ENGINEER/TECHNICIAN AS SOON AS THE TURN-ON IS SCHEDULED TO COORDINATE.

SUGGESTED STAGING NOTES

STAGE 1A:

STAGING NOTES:

1. UTILIZE STANDARDS 701701, 701601, AND TC-14 TO CLOSE LEFT TURN LANE AND SOUTHBOUND INSIDE LANE ON SOUTH LEG OF IL 59 AT CHAMPION DR.
2. INSTALL ROAD CONSTRUCTION AHEAD, WORK ZONE SPEED LIMIT, AND END WORK ZONE SPEED LIMIT SIGNS ON IL 59 AS SHOWN IN PLAN FOR MAINTENANCE OF TRAFFIC STAGE 2.
3. ALL WORK TO BE PERFORMED UTILIZING DAILY CLOSURES BETWEEN THE HOURS OF 8:30 AM AND 4:30 PM.
4. OUTSIDE THE ABOVE HOURS OR WHEN WORKERS ARE NOT PRESENT ALL LANES SHALL BE REOPENED TO TRAFFIC.
5. ALL CONSTRUCTION VEHICLES, EQUIPMENT, AND MATERIAL MUST BE COMPLETELY REMOVED FROM THE ROADWAY AND ANY OPEN EXCAVATION HOLES SHALL BE BACKFILLED OR COVERED PRIOR TO REOPENING LANES TO TRAFFIC.

WORK TO BE PERFORMED:

1. PERFORM MEDIAN REMOVAL AND CONSTRUCT PROPOSED MEDIAN FROM STA. 49+17.71 TO STA. 49+60.25

STAGE 1B:

STAGING NOTES:

1. UTILIZE STANDARDS 701701, 701601, AND TC-14 TO CLOSE LEFT TURN LANE AND NORTHBOUND INSIDE LANE ON NORTH LEG OF IL 59 AT CHAMPION RD.
2. INSTALL ROAD CONSTRUCTION AHEAD, WORK ZONE SPEED LIMIT, AND END WORK ZONE SPEED LIMIT SIGNS ON IL 59 AS SHOWN IN PLAN FOR MAINTENANCE OF TRAFFIC STAGE 2.
3. ALL WORK TO BE PERFORMED UTILIZING DAILY CLOSURES BETWEEN THE HOURS OF 8:30 AM AND 4:30 PM.
4. OUTSIDE THE ABOVE HOURS OR WHEN WORKERS ARE NOT PRESENT ALL LANES SHALL BE REOPENED TO TRAFFIC.
5. ALL CONSTRUCTION VEHICLES, EQUIPMENT, AND MATERIAL MUST BE COMPLETELY REMOVED FROM THE ROADWAY AND ANY OPEN EXCAVATION HOLES SHALL BE BACKFILLED OR COVERED PRIOR TO REOPENING LANES TO TRAFFIC.

WORK TO BE PERFORMED:

1. PERFORM MEDIAN REMOVAL AND CONSTRUCT PROPOSED MEDIAN FROM STA. 50+35.52 TO STA. 50+77.44

STAGE 2:

STAGING NOTES:

1. SHIFT TRAFFIC UTILIZING STANDARD 701701 AND AS SHOWN ON THE PLANS.

WORK TO BE PERFORMED:

1. PERFORM MEDIAN REMOVAL AND CONSTRUCT PROPOSED MEDIAN AND PROPOSED PAVEMENT WIDENING ALONG CHAMPION DR / CHAMPION RD.
2. CONSTRUCT HOT-MIX ASPHALT BASE COURSE UP TO EXISTING GRADE FOR PROPOSED WIDENING ALONG CHAMPION DRIVE.

STAGE 3:

STAGING NOTES:

1. CONSTRUCT ALL PROPOSED CURB RAMPS, SIDEWALK, TRAFFIC SIGNAL INSTALLATION, AND DRAINAGE IMPROVEMENTS UTILIZING HIGHWAY STANDARDS 701101, 701501, 701601, 701701, 701801.

STAGE 4:

STAGING NOTES:

1. UTILIZE DAILY LANE CLOSURES ALONG CHAMPION DRIVE IN ACCORDANCE WITH HIGHWAY STANDARDS 701501, 701601 AND 701701.

WORK TO BE PERFORMED:

1. PERFORM PATCHING, MILLING, AND RESURFACING OF EXISTING PAVEMENT AND WIDENING AREAS ALONG CHAMPION DRIVE.

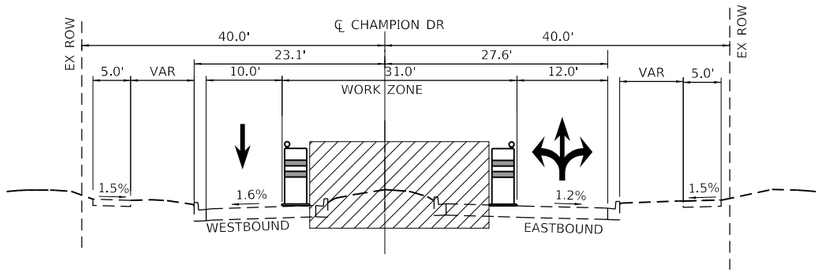
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGING NOTES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	31
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

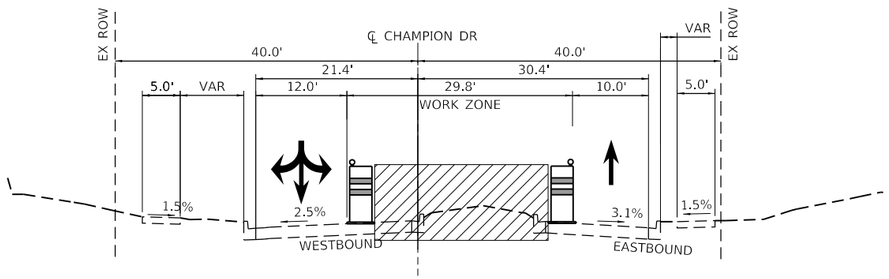


CHAMPION DRIVE
STAGE 2 MAINTENANCE OF TRAFFIC
STA 18+60 TO STA 19+30, LOOKING EAST

LEGEND

TYPE II BARRICADE OR DRUM
WITH STEADY BURN MONO-DIRECTIONAL LIGHT

WORK AREA



CHAMPION DRIVE
STAGE 2 MAINTENANCE OF TRAFFIC
STA 20+68 TO STA 21+40, LOOKING EAST

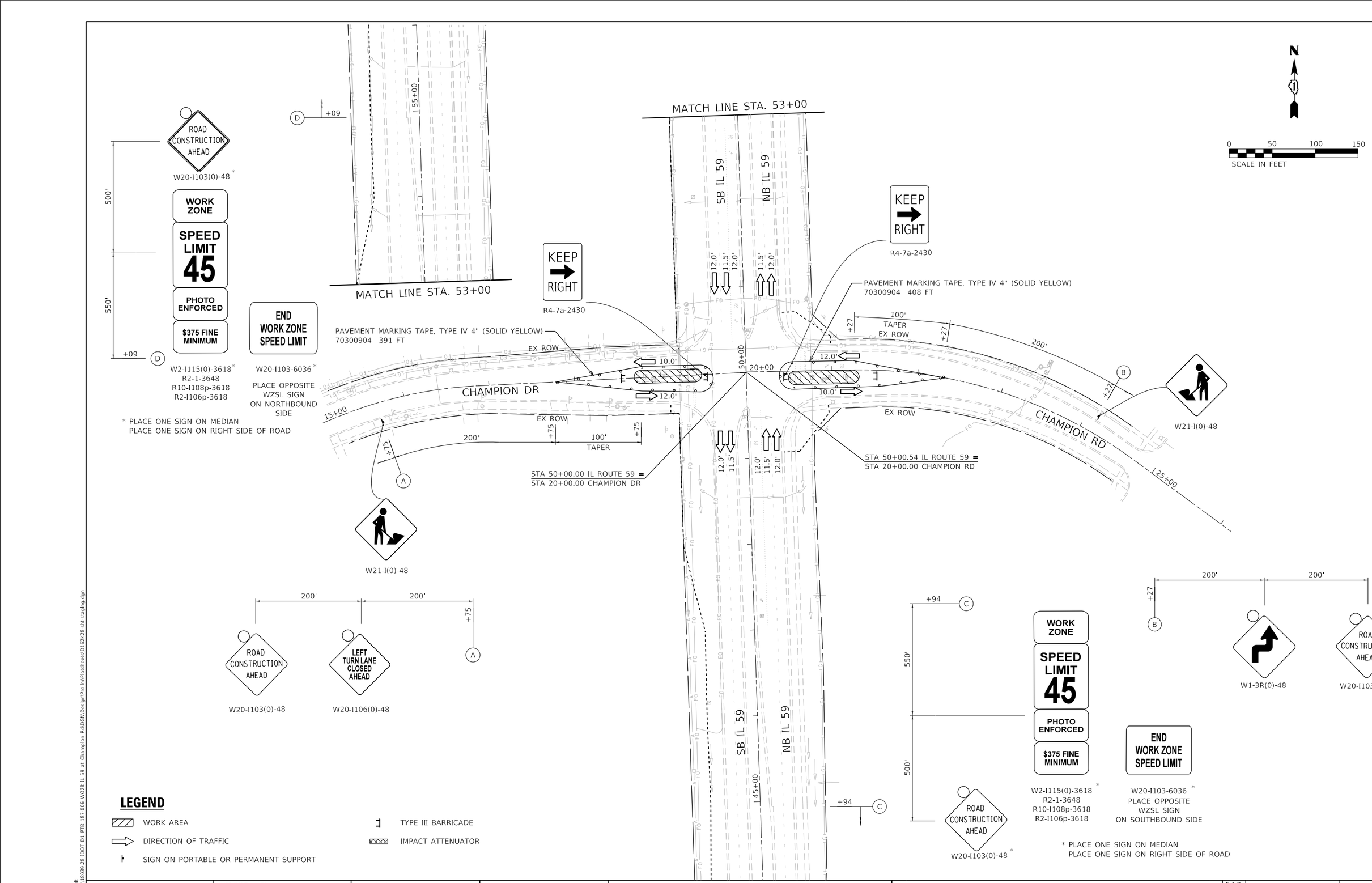
MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-typlt-tsl-staging-1-02.dgn

USER NAME = RGall	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

IL 59 AT CHAMPION RD
STAGING TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	32
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE III BARRICADE
- IMPACT ATTENUATOR

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Channahon Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-staglng.dgn

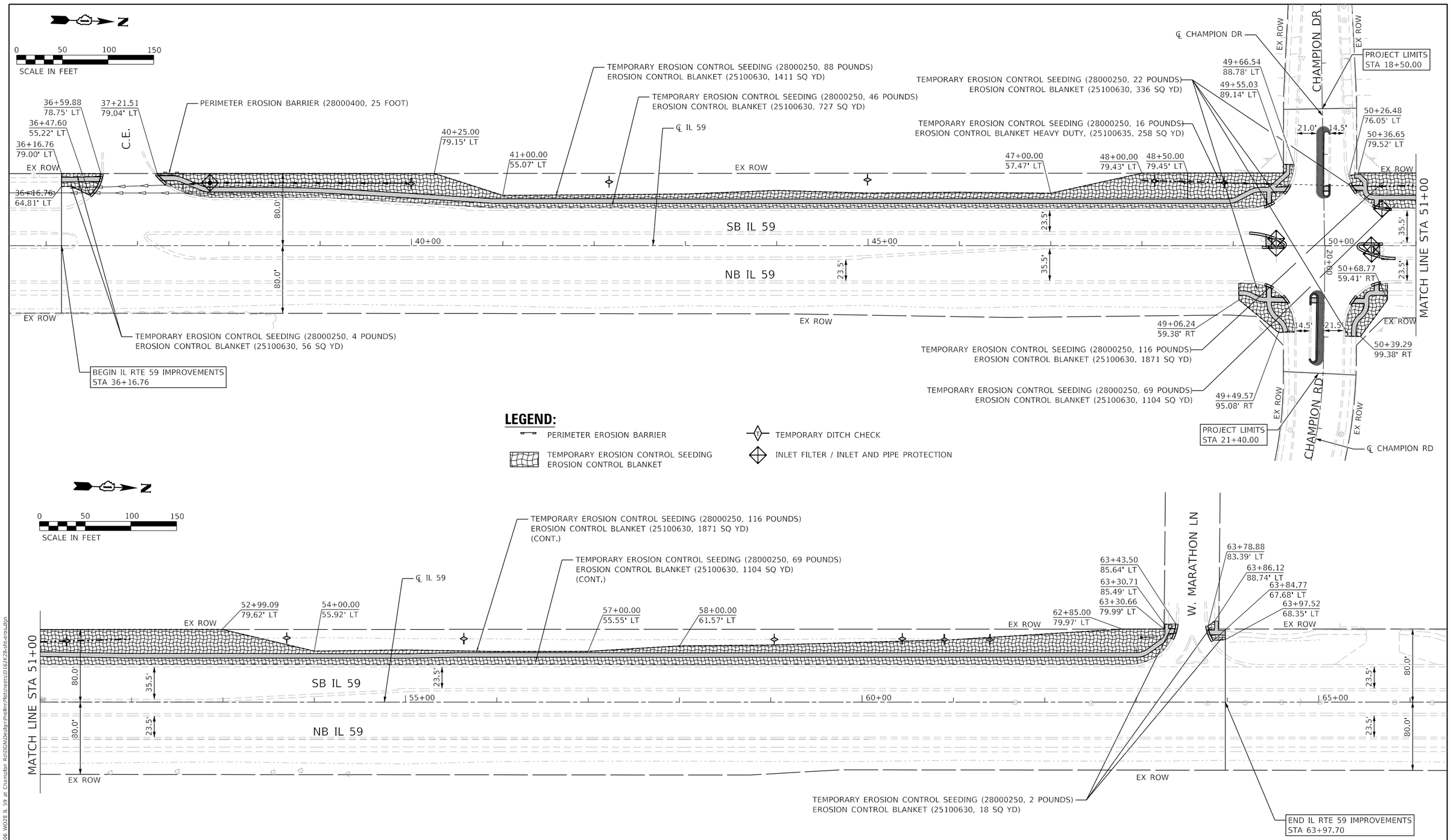
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS
STAGE 2

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	33
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



MODEL: Default
FILE NAME: 21:18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\D\GDN\Design\Prelim\Plotsheets\D162X28-sht-erosion.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

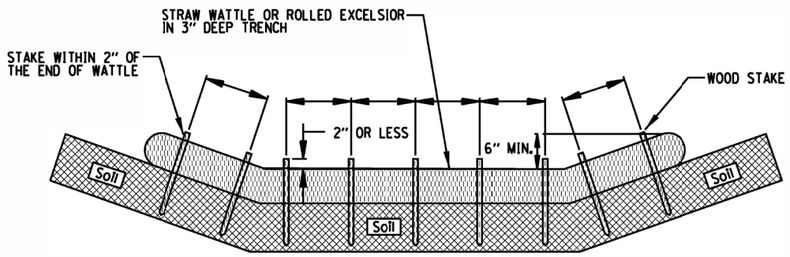
IL 59 AT CHAMPION RD
EROSION CONTROL PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	34
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

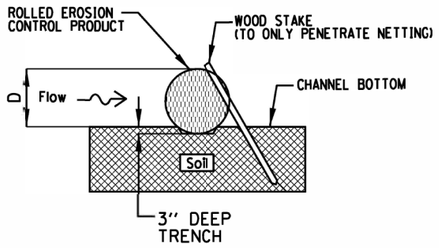
ROLLED EROSION CONTROL PRODUCTS

STAKING PATTERN GUIDE



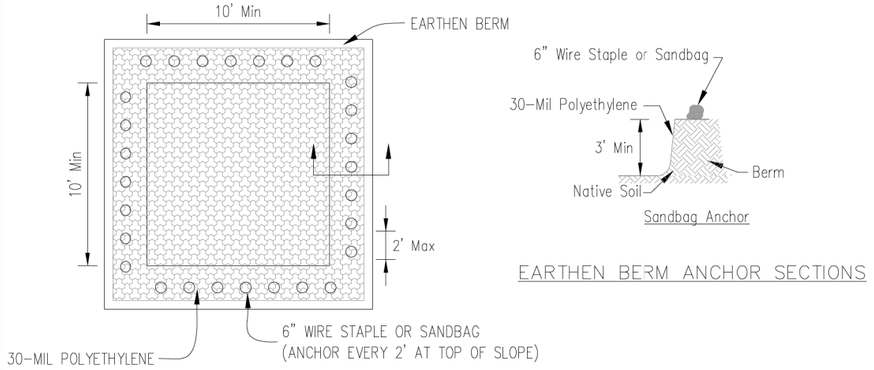
NOTES:
1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
2. 4' SPACING FOR WATTLES.
3. 2' SPACING FOR ROLLED EXCELSIOR.
4. OR SPACE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

STAKE DETAIL



NOTES:
1. DRAWINGS ARE NOT TO SCALE.
2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
3. RECOMMENDED STAKES ARE 1 1/8" WIDE x 1 1/8" THICK x 30" LONG.
4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
5. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

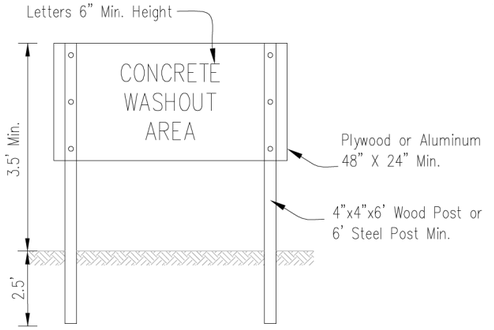
REFERENCE		STANDARD DWG. NO.
Project		IUM-514
Designed ____ Date ____	ILLINOIS URBAN MANUAL	SHEET 1 OF 1
Checked ____ Date ____		DATE 08-2-2019
Approved ____ Date ____		



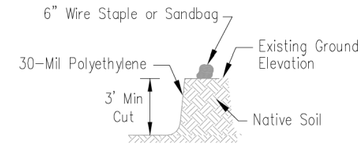
PLAN VIEW

Sandbag Anchor

EARTHEN BERM ANCHOR SECTIONS



SIGN DETAIL



Sandbag Anchor

SUBGRADE ANCHOR SECTIONS

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

Sheet 2 of 3	Drawing No. IUM-514FT	File No.	TEMPORARY CONCRETE WASHOUT FACILITY – EARTHEN TYPE	Date
				Designed ____ ____
				Drawn B. JOHNSON 6/08
				Checked ____ ____
				Approved ____ ____

MODEL: Default
FILE NAME: Z:\18039_28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-ilt-eros-details.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -
	DRAWN - JB, CS, SH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -

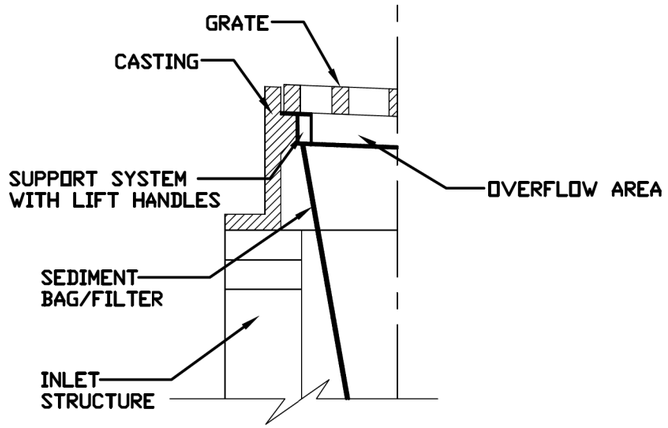
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

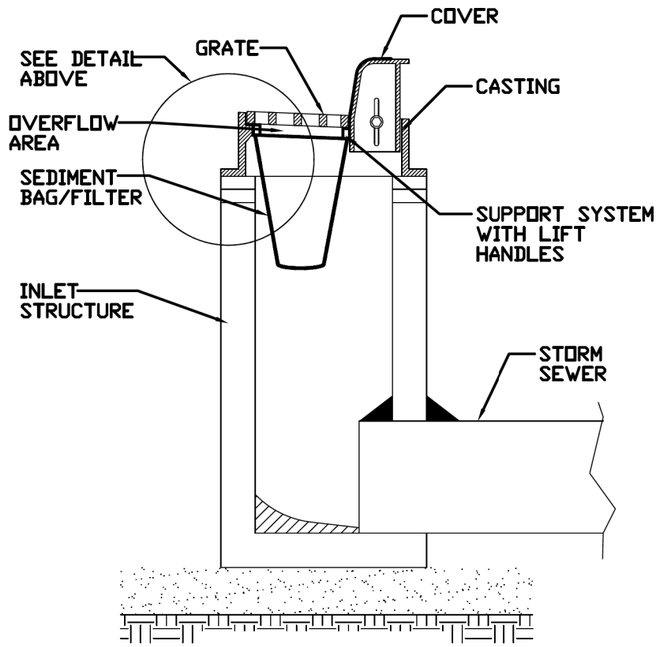
IL 59 AT CHAMPION RD
EROSION CONTROL DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	35
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

INLET PROTECTION - PAVED AREAS
DROP-IN PROTECTION





REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

MODEL: Default
FILE NAME: z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Preliminr\Plotsheets\D162K28-cht-ero-details.dgn

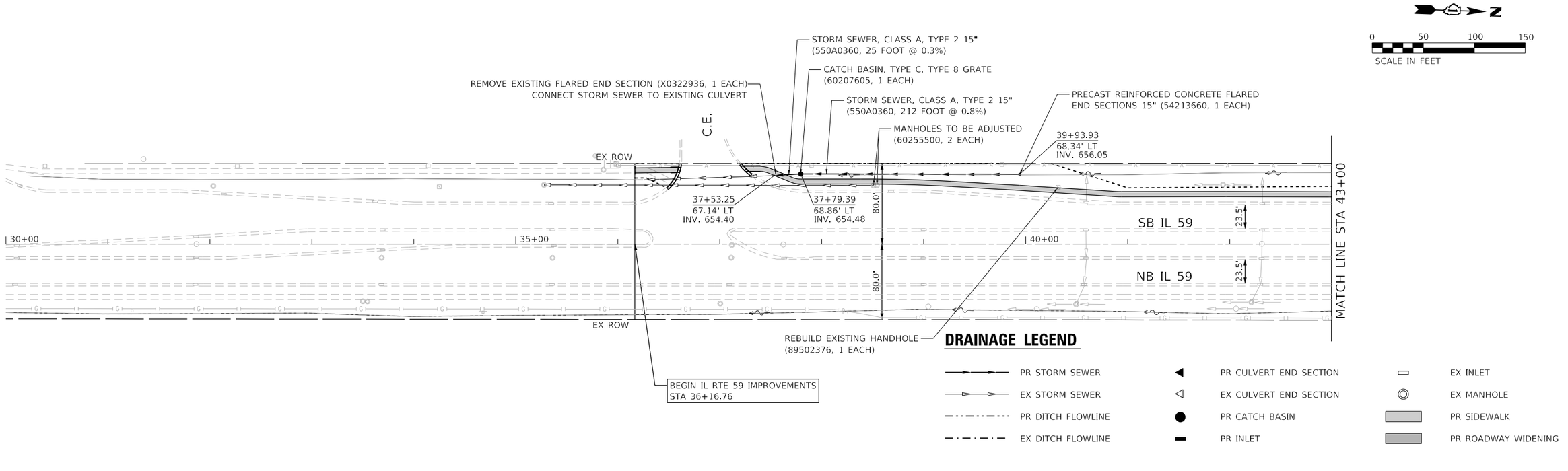
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

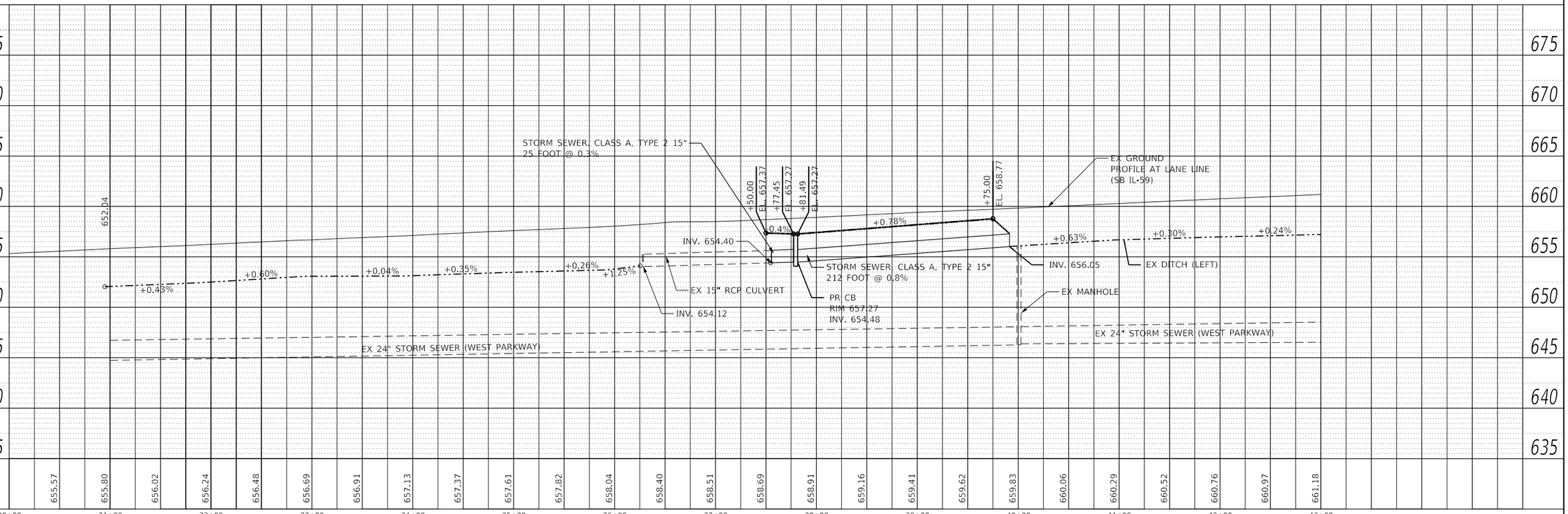
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
EROSION CONTROL DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	36
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			





PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-406 WQ28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-draln-01.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
DRAINAGE AND UTILITY PLANS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	37
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

PROJECT LIMITS
STA 18+50.00

℄ CHAMPION DR

EX ROW

CHAMPION DR

EX ROW

EX LAWN SPRINKLER SYSTEM TO BE REMOVED
BY HOMEOWNERS ASSOCIATION

EX LIGHTING SYSTEM TO BE REMOVED
BY HOMEOWNERS ASSOCIATION

REMOVE EXISTING FLARED END SECTION (X0322936, 1 EACH)
CONNECT STORM SEWER TO EXISTING CULVERT

STORM SEWER, CLASS A, TYPE 2 15"
(550A0360, 50 FOOT @ 0.1%)

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
(54213660, 1 EACH)

REMOVE EXISTING FLARED END SECTION (X0322936, 1 EACH)
CONNECT STORM SEWER TO EXISTING CULVERT

STORM SEWER, CLASS A, TYPE 2 15"
(550A0360, 10 FOOT @ 0.1%)

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"
(54213660, 1 EACH)

MANHOLES TO BE ADJUSTED
(60255500, 2 EACH)

MANHOLES TO BE ADJUSTED
(60255500, 1 EACH)

MANHOLES TO BE ADJUSTED
(60255500, 1 EACH)

MANHOLES TO BE ADJUSTED
(60255500, 1 EACH)

21.0'
14.5'
7.0'

EX ROW

EX ROW

MATCH LINE STA 43+00

℄ IL 59

45+00

23.5'

35.5'

48+91.53
68.70' LT
INV. 656.72

50+51.54
65.22' LT
INV. 656.50

50+62.07
64.86' LT
INV. 656.48

35.5'

80.0'

SB IL 59

23.5'

55+00

50+00

20+00

49+41.99
67.60' LT
INV. 656.65

23.5'

80.0'

NB IL 59

MATCH LINE STA 57+00

EX ROW

EX ROW

INLETS TO BE ADJUSTED
(60260100, 2 EACH)

INLETS TO BE ADJUSTED
(60260100, 1 EACH)

21.5'

14.5'

REMOVE AND REPLACE LAWN SPRINKLER SYSTEM
(XX007147, 150 FOOT)

REMOVE AND RELOCATE
LIGHTING SYSTEM
(X0327296, 1 LSUM)

INLETS TO BE RECONSTRUCTED
(60262700, 1 EACH)

EX ROW

CHAMPION RD

EX ROW

7.0'

PROJECT LIMITS
STA 21+40.00

℄ CHAMPION RD

0 50 100 150
SCALE IN FEET

DRAINAGE LEGEND

PR STORM SEWER	PR CULVERT END SECTION	EX INLET
EX STORM SEWER	EX CULVERT END SECTION	EX MANHOLE
PR DITCH FLOWLINE	PR CATCH BASIN	PR SIDEWALK
EX DITCH FLOWLINE	PR INLET	PR ROADWAY WIDENING

EX GROUND
PROFILE AT LANE LINE
(SB IL-59)

+99.28
EL. 657.90

STORM SEWER, CLASS A, TYPE 2 15"
50 FOOT @ 0.1%

STORM SEWER, CLASS A, TYPE 2 15"
10 FOOT @ 0.1%

+00.69
EL. 656.29

+0.10%
+0.56%
-0.02%
+0.07%
-0.02%
-1.25%
-0.14%
-0.26%
-0.92%
-0.44%
-0.41%
+0.08%

EX DITCH (LEFT)

EX MANHOLE (TYP)

PR DITCH (LEFT)

INV. 656.65
INV. 656.72
INV. 656.48
INV. 656.50

EX 24" STORM SEWER (WEST PARKWAY)
EX 24" STORM SEWER (WEST PARKWAY)
EX 24" STORM SEWER (WEST PARKWAY)
EX 24" STORM SEWER (WEST PARKWAY)
EX 24" STORM SEWER (WEST PARKWAY)
EX 24" STORM SEWER (WEST PARKWAY)

675 670 665 660 655 650 645 640 635

661.18 661.37 661.57 661.80 662.02 662.21 662.38 662.34 662.29 662.14 661.98 661.67 661.36 661.20 660.99 660.73 660.51 660.31 660.11 659.88 659.67 659.44 659.21 658.96 658.68 658.46 658.21 657.97 657.74

43+00 44+00 45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00 55+00 56+00 57+00

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-406 WQ28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-draln-02.dgn

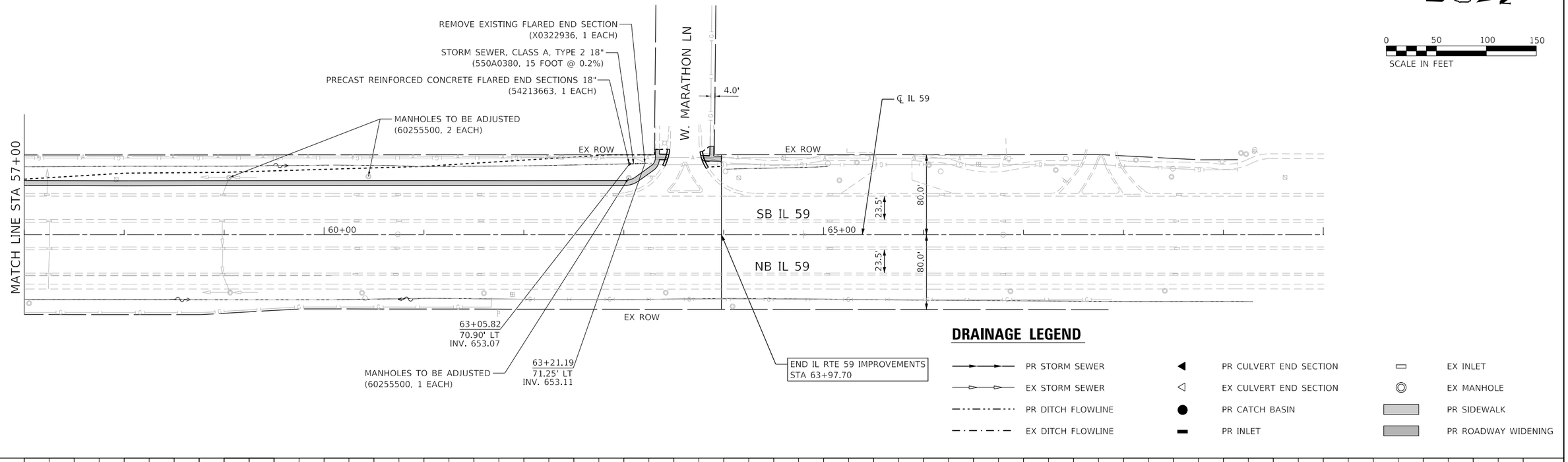
USER NAME = RGall	DESIGNED - RG	REVISED -
	DRAWN - JB, CS, SH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
DRAINAGE AND UTILITY PLANS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	38
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES — BAR. NOTED — STRUCTURE NOTATNS CHKD — RT. OF WAY CHECKED — AUDIT — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES — BAR. NOTED — STRUCTURE NOTATNS CHKD — NOTE BOOK — NO. — BY — DATE

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-406 WQ28 IL 59 at Champion Rd\OGMD\esign\Prelim\Plotsheets\D162K28-sht-drain-03.dgn

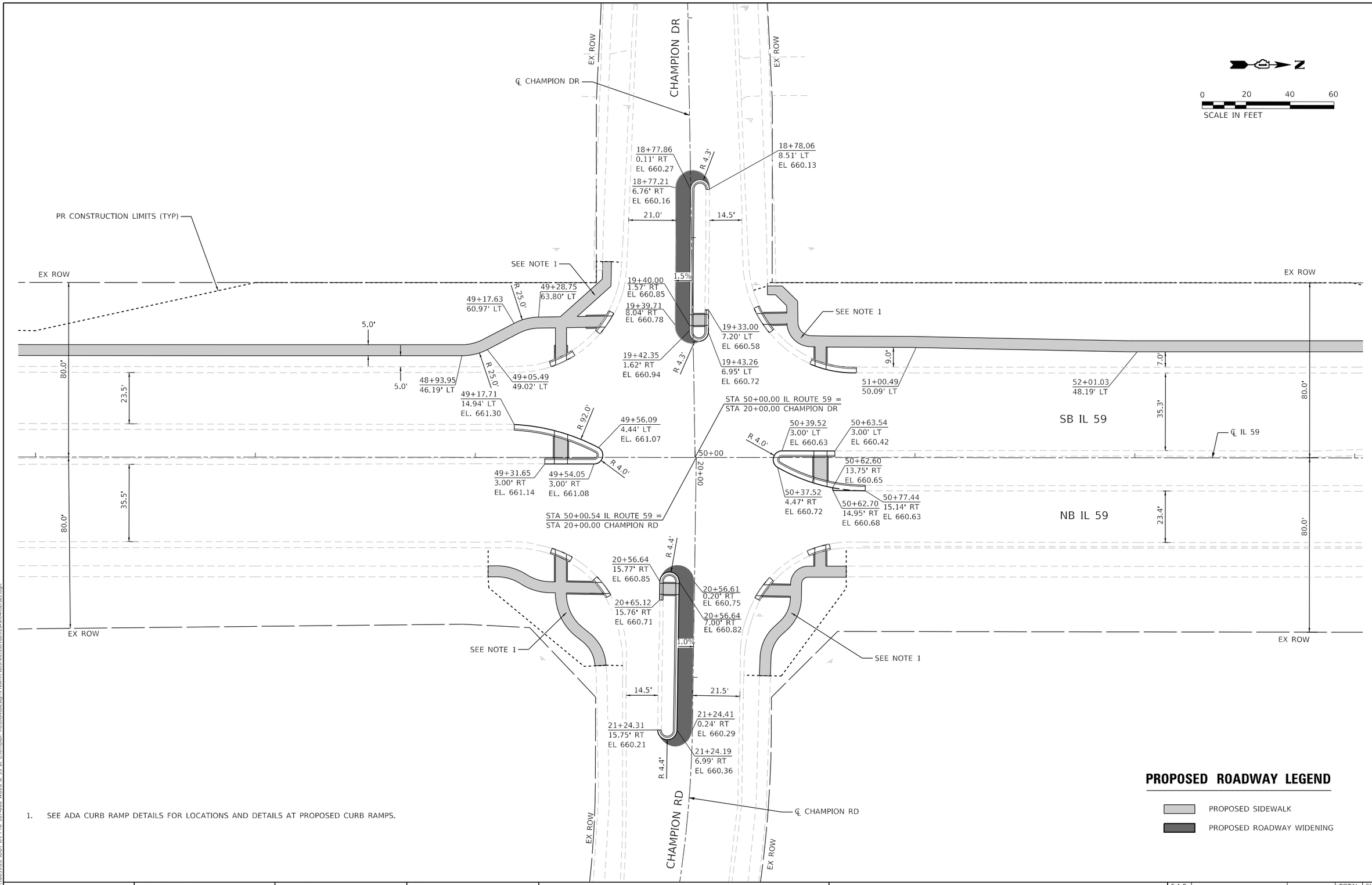
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
DRAINAGE AND UTILITY PLANS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	39
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	



1. SEE ADA CURB RAMP DETAILS FOR LOCATIONS AND DETAILS AT PROPOSED CURB RAMPS.

PROPOSED ROADWAY LEGEND

- PROPOSED SIDEWALK
- PROPOSED ROADWAY WIDENING

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-dhtintersec.dgn

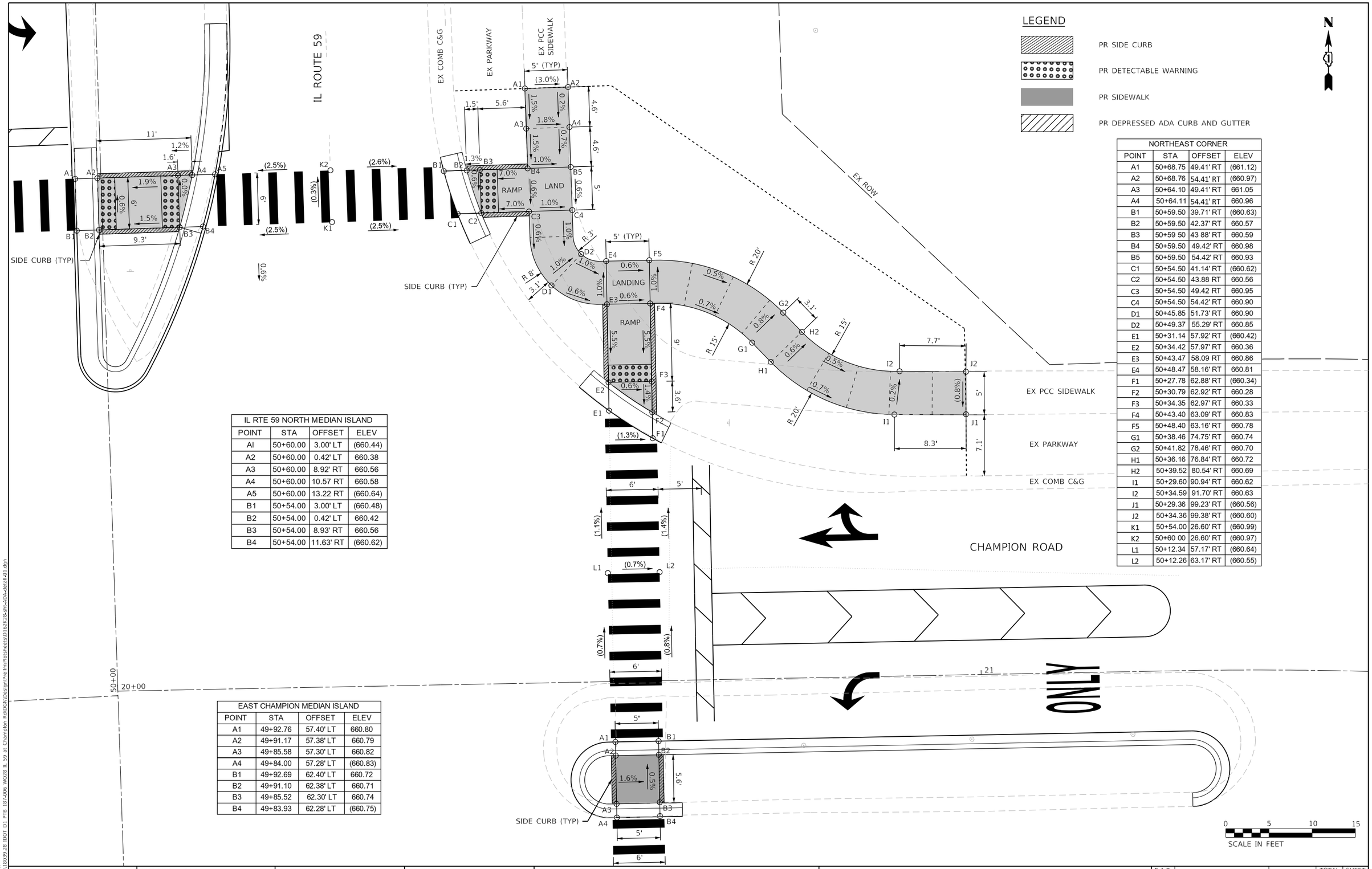
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
INTERSECTION DETAILS SHEET

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	40
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



IL RTE 59 NORTH MEDIAN ISLAND			
POINT	STA	OFFSET	ELEV
Al	50+60.00	3.00' LT	(660.44)
A2	50+60.00	0.42' LT	660.38
A3	50+60.00	8.92' RT	660.56
A4	50+60.00	10.57 RT	660.58
A5	50+60.00	13.22 RT	(660.64)
B1	50+54.00	3.00' LT	(660.48)
B2	50+54.00	0.42' LT	660.42
B3	50+54.00	8.93' RT	660.56
B4	50+54.00	11.63' RT	(660.62)

EAST CHAMPION MEDIAN ISLAND			
POINT	STA	OFFSET	ELEV
A1	49+92.76	57.40' LT	660.80
A2	49+91.17	57.38' LT	660.79
A3	49+85.58	57.30' LT	660.82
A4	49+84.00	57.28' LT	(660.83)
B1	49+92.69	62.40' LT	660.72
B2	49+91.10	62.38' LT	660.71
B3	49+85.52	62.30' LT	660.74
B4	49+83.93	62.28' LT	(660.75)

NORTHEAST CORNER			
POINT	STA	OFFSET	ELEV
A1	50+68.75	49.41' RT	(661.12)
A2	50+68.76	54.41' RT	(660.97)
A3	50+64.10	49.41' RT	661.05
A4	50+64.11	54.41' RT	660.96
B1	50+59.50	39.71' RT	(660.63)
B2	50+59.50	42.37' RT	660.57
B3	50+59 50	43 88' RT	660.59
B4	50+59.50	49.42' RT	660.98
B5	50+59.50	54.42' RT	660.93
C1	50+54.50	41.14' RT	(660.62)
C2	50+54.50	43.88 RT	660.56
C3	50+54.50	49.42 RT	660.95
C4	50+54.50	54.42' RT	660.90
D1	50+45.85	51.73' RT	660.90
D2	50+49.37	55.29' RT	660.85
E1	50+31.14	57.92' RT	(660.42)
E2	50+34.42	57.97' RT	660.36
E3	50+43.47	58.09 RT	660.86
E4	50+48.47	58.16' RT	660.81
F1	50+27.78	62.88' RT	(660.34)
F2	50+30.79	62.92' RT	660.28
F3	50+34.35	62.97' RT	660.33
F4	50+43.40	63.09' RT	660.83
F5	50+48.40	63.16' RT	660.78
G1	50+38.46	74.75' RT	660.74
G2	50+41.82	78.46' RT	660.70
H1	50+36.16	76.84' RT	660.72
H2	50+39.52	80.54' RT	660.69
I1	50+29.60	90.94' RT	660.62
I2	50+34.59	91.70' RT	660.63
J1	50+29.36	99.23' RT	(660.56)
J2	50+34.36	99.38' RT	(660.60)
K1	50+54.00	26.60' RT	(660.99)
K2	50+60 00	26.60' RT	(660.97)
L1	50+12.34	57.17' RT	(660.64)
L2	50+12.26	63.17' RT	(660.55)

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-ADA-detail-01.dgn

USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ADA RAMP DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	41
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

LEGEND

PR SIDE CURB

PR DETECTABLE WARNING

PR SIDEWALK

PR DEPRESSED ADA CURB AND GUTTER

CHAMPION ROAD

N

EX COMB C&G

EX PARKWAY

EX PCC SIDEWALK

EX ROW

SIDE CURB (TYP)

ADA DETAILS PROVIDED ON FOLLOWING SHEET

M1 (1.7%) M2

(0.6%)

6'

H1 G1 H2 G2 H3

1.8%

4'

7.6% 7.8%

RAMP

12.7'

1.5%

F1 F2 F3 H4

5.0%

RAMP 1.5% LANDING 1.5%

5' (TYP)

E1 E2 E3 E4 E5

0% 5.0% 1.5%

2.5'

D1 D2

0.4% 0.4%

5' (TYP)

2.2' 9.8'

1.5%

R 20' R 25'

0.3% 0.2%

C1 C2

1.5%

R 25' R 20'

0.3% 0.2%

B1 B2

1.8%

4'

1.5% 0.5%

(2.6%)

A1 A2

8.2' 5'

R 20' R 15'

2.4% 3.3%

7.7'

5'

(0.6%)

K1 K2

3.7'

J1 I1 J2 I2

0.8% 1.5%

R 20' R 25'

2.5% 2.0%

L2 L1

(1.6%) (0.5%) (2.1%)

(0.3%)

6'

5'

IL ROUTE 59

49

ONLY

IL ROUTE 59

EX COMB C&G

EX PARKWAY

EX PCC SIDEWALK

SOUTHEAST CORNER			
POINT	STA	OFFSET	ELEV
A1	49+05.92	49.40' RT	(661.77)
A2	49405.92	54.38' RT	(661.64)
B1	49+09.92	49.38' RT	661.71
B2	49+09.92	54.38' RT	661.62
C1	49+23.49	53 39' RT	661.67
C2	49+20.78	57.59' RT	661.60
D1	49+34.08	56.60' RT	661.64
D2	49+34.02	61.60' RT	661.57
E1	49+36.50	41.90' RT	(661.20)
E2	49+36.50	44.65' RT	661.14
E3	49+36.50	46.87' RT	661.14
E4	49+36.50	56.63' RT	661.63
E5	49+36.50	61.63' RT	661 56
F1	49+41.50	43.98' RT	(661.13)
F2	49+41.50	46.87' RT	661.07
F3	49+41.50	56.70' RT	661.56
G1	49+57.72	56.92' RT	660.65
G2	49+54.29	56.87' RT	660.59
H1	49+61.32	61.97' RT	660.49
H2	49+58.22	61.93' RT	660.43
H3	49+54.22	61.87' RT	660.50
H4	49+41.50	61.70' RT	661.49
I1	49+49.09	77.59' RT	661.04
I2	49+45.99	81 51' RT	661.11
J1	49+51.99	79.89' RT	660.95
J2	49+48.89	83.81' RT	660.99
K1	49+59.56	94.59' RT	(660.54)
K2	49+54.56	94.84' RT	(660.59)
L1	49+36 00	26.66' RT	(661.52)
L2	49+42.00	26.67' RT	(661.49)
M1	49+74.58	56.65' RT	(660.75)
M2	49+74.50	62.65' RT	(660.65)

0 5 10 15

SCALE IN FEET

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-int-ADA-detail-02.dgn

USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ADA RAMP DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	42
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

SOUTHWEST CORNER			
POINT	STA	OFFSET	ELEV
A1	49+36.50	41.96' LT	(661.17)
A2	49+36.50	44.77' LT	661.11
A3	49+36.50	47.14' LT	661.11
A4	49+36.50	51.01' LT	661.31
A5	49+36.50	55.01' LT	661.25
A6	49+36.50	58.93' LT	661.19
A7	49+36.42	63.93' LT	661.14
A8	49+38.67	63.97' LT	661.11
B1	49+41.50	44.18' LT	(661.08)
B2	49+41.50	47.14' LT	661.02
B3	49+41.50	51.01' LT	661.23
B4	49+41.50	55.01' LT	661.17
B5	49+41.50	59.01' LT	661.12
B6	49+41.50	64.01' LT	661.07
C1	49+59.16	59.31' LT	(660.62)
C2	49+55.84	59.26' LT	660.56
C3	49+50.38	59.10' LT	660.85
C4	49+46.38	59.17' LT	661.06
D1	49+62.38	64.37' LT	(660.52)
D2	49+59.36	64.32' LT	660.46
D3	49+55.76	64.26' LT	660.51
D4	49+50.30	64.16' LT	660.80
D5	49+46.30	64.10' LT	661.01
D6	49+42.96	67.62' LT	661.01
E1	49+53.74	70.78' LT	660.74
E2	49+50.40	74.50' LT	660.71
F1	49+61.09	77.38' LT	660.46
F2	49+61.74	81.03' LT	660.46
F3	49+57.75	81.10' LT	660.41
G1	49+61.82	85.03' LT	660.46
G2	49+57.82	85.10' LT	660.45
H1	49+61.89	89.03' LT	(660.47)
H2	49+57.89	89.11' LT	(660.46)
I1	49+36.01	26.72' LT	(661.48)
I2	49+42.01	26.70' LT	(661.45)
J1	49+78.54	59.14' LT	(660.75)
J2	49+78.43	66.14' LT	(660.64)
K1	49+28.75	63.80' LT	661.23
K2	49+17.63	60.97' LT	661.35
K3	49+03.18	53.45' LT	661.53
K4	48+93.95	51.19' LT	661.64
L1	49+28.84	58.80' LT	661.28
L2	49+19.94	56.54' LT	661.39
L3	49+05.49	49.02' LT	661.57
L4	48+93.95	46.19' LT	661.71

IL RTE 59 SOUTH MEDIAN ISLAND			
POINT	STA	OFFSET	ELEV
A1	49+42.00	10.96' LT	(661.06)
A2	49+42.00	8.22' LT	661.00
A3	49+42.00	3.88' LT	661.07
A4	49+42.00	0.42' RT	661.05
A5	49+42.00	3.00' RT	(661.11)
B1	49+36.00	12.74' LT	(661.15)
B2	49+36.00	10.07' LT	661.09
B3	49+36.00	8.22' LT	661.09
B4	49+36.00	3.38' LT	661.16
B5	49+36.00	0.42' RT	661.07
B6	49+36.00	3.00' RT	(661.13)

LEGEND

- PR SIDE CURB
- PR DETECTABLE WARNING
- PR SIDEWALK
- PR DEPRESSED ADA CURB AND GUTTER

N

CHAMPION DRIVE

EX COMB C&G

EX PARKWAY

EX PCC SIDEWALK

EX ROW

EX ROW

SIDE CURB (TYP)

SIDE CURB (TYP)

IL ROUTE 59

IL ROUTE 59

ONLY

SCALE IN FEET

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-cht-ADA-detail-03.dgn

USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ADA RAMP DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	43
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

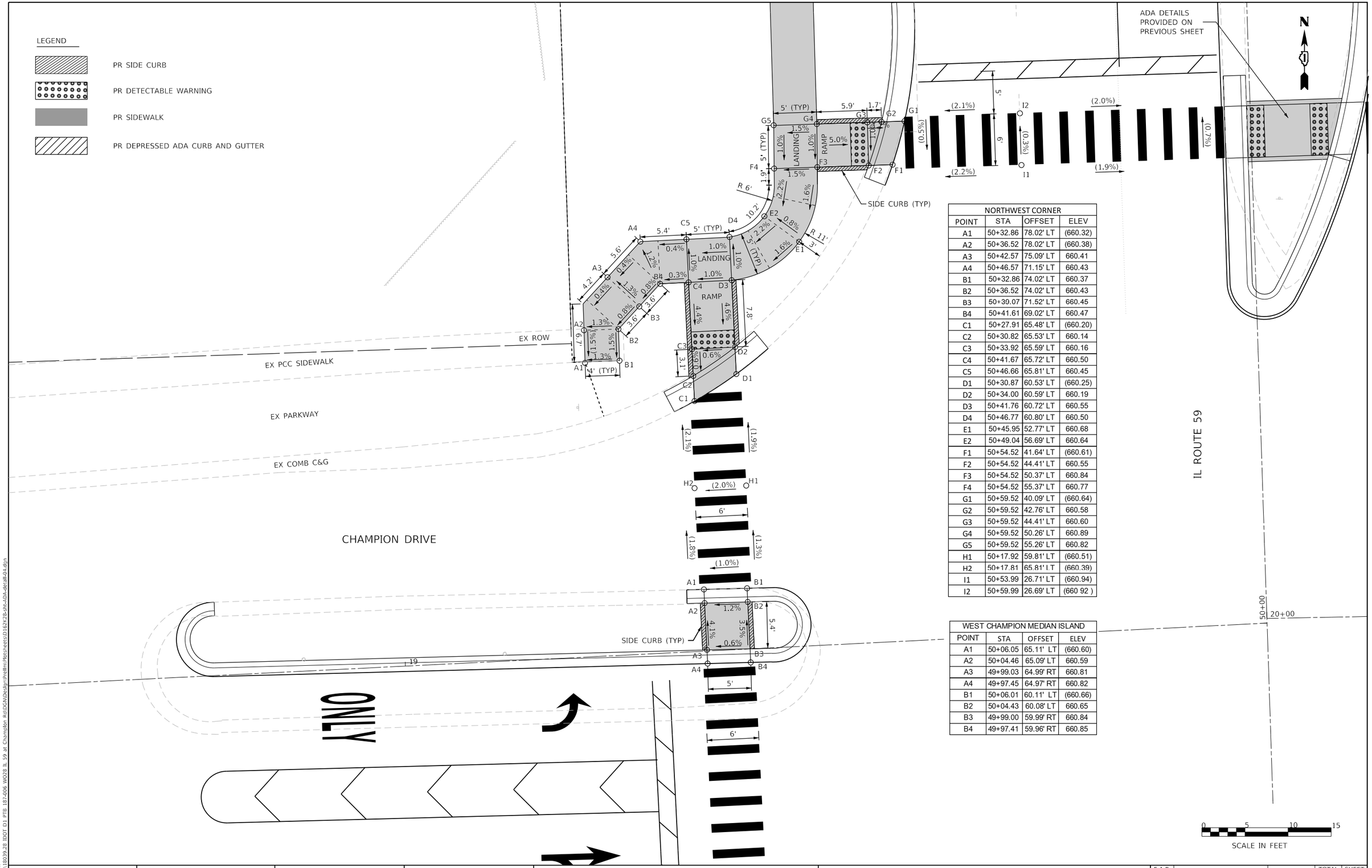
LEGEND

PR SIDE CURB

PR DETECTABLE WARNING

PR SIDEWALK

PR DEPRESSED ADA CURB AND GUTTER



NORTHWEST CORNER			
POINT	STA	OFFSET	ELEV
A1	50+32.86	78.02' LT	(660.32)
A2	50+36.52	78.02' LT	(660.38)
A3	50+42.57	75.09' LT	660.41
A4	50+46.57	71.15' LT	660.43
B1	50+32.86	74.02' LT	660.37
B2	50+36.52	74.02' LT	660.43
B3	50+39.07	71.52' LT	660.45
B4	50+41.61	69.02' LT	660.47
C1	50+27.91	65.48' LT	(660.20)
C2	50+30.82	65.53' LT	660.14
C3	50+33.92	65.59' LT	660.16
C4	50+41.67	65.72' LT	660.50
C5	50+46.66	65.81' LT	660.45
D1	50+30.87	60.53' LT	(660.25)
D2	50+34.00	60.59' LT	660.19
D3	50+41.76	60.72' LT	660.55
D4	50+46.77	60.80' LT	660.50
E1	50+45.95	52.77' LT	660.68
E2	50+49.04	56.69' LT	660.64
F1	50+54.52	41.64' LT	(660.61)
F2	50+54.52	44.41' LT	660.55
F3	50+54.52	50.37' LT	660.84
F4	50+54.52	55.37' LT	660.77
G1	50+59.52	40.09' LT	(660.64)
G2	50+59.52	42.76' LT	660.58
G3	50+59.52	44.41' LT	660.60
G4	50+59.52	50.26' LT	660.89
G5	50+59.52	55.26' LT	660.82
H1	50+17.92	59.81' LT	(660.51)
H2	50+17.81	65.81' LT	(660.39)
I1	50+53.99	26.71' LT	(660.94)
I2	50+59.99	26.69' LT	(660 92)

WEST CHAMPION MEDIAN ISLAND			
POINT	STA	OFFSET	ELEV
A1	50+06.05	65.11' LT	(660.60)
A2	50+04.46	65.09' LT	660.59
A3	49+99.03	64.99' RT	660.81
A4	49+97.45	64.97' RT	660.82
B1	50+06.01	60.11' LT	(660.66)
B2	50+04.43	60.08' LT	660.65
B3	49+99.00	59.99' RT	660.84
B4	49+97.41	59.96' RT	660.85

MODEL: Default
FILE NAME: z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Dk=\dgn\Prelim\Plotsheets\D162x28-sht-ADA-detail-04.dgn

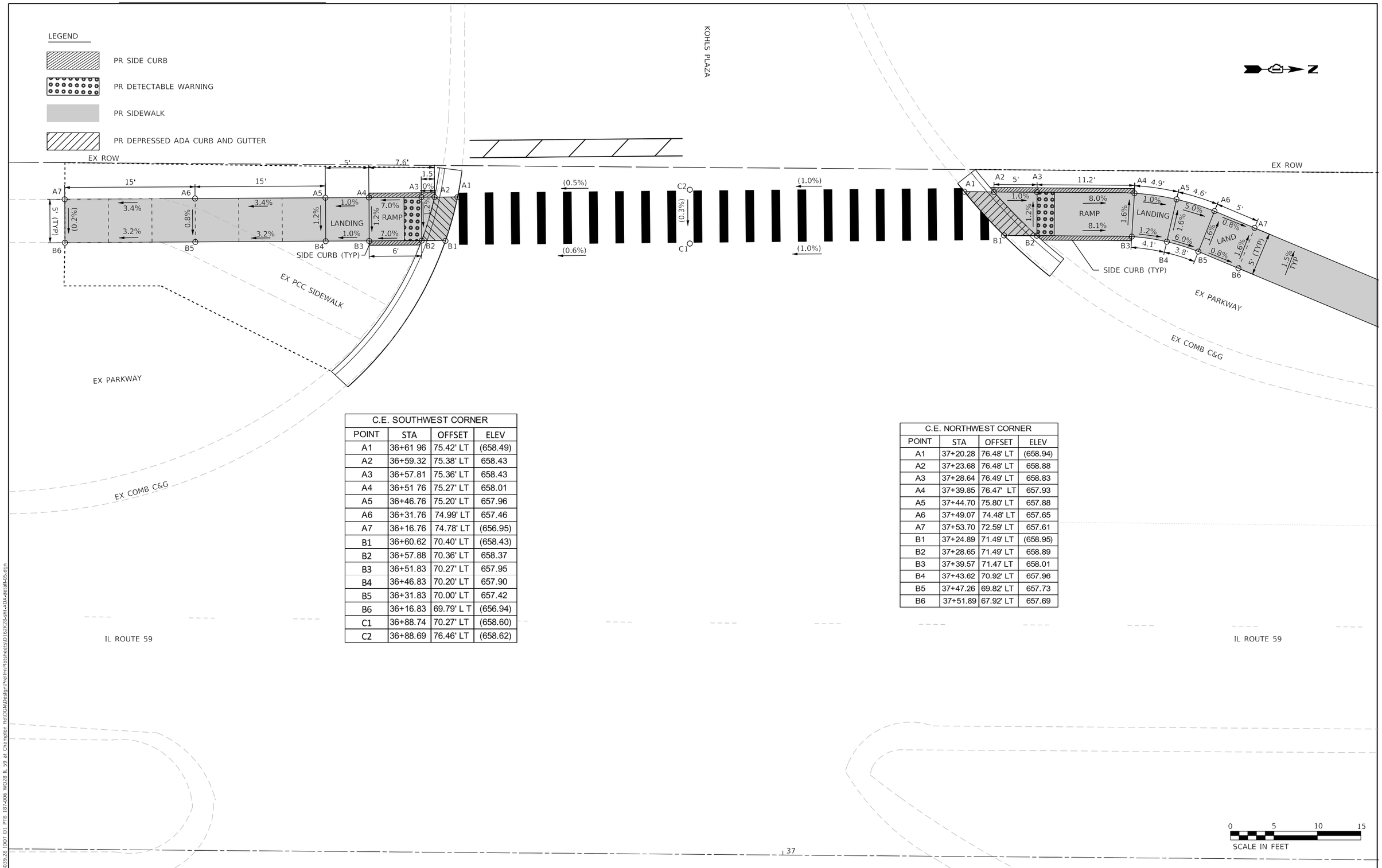
USER NAME = RGall	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ADA RAMP DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	44
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



C.E. SOUTHWEST CORNER			
POINT	STA	OFFSET	ELEV
A1	36+61 96	75.42' LT	(658.49)
A2	36+59.32	75.38' LT	658.43
A3	36+57.81	75.36' LT	658.43
A4	36+51 76	75.27' LT	658.01
A5	36+46.76	75.20' LT	657.96
A6	36+31.76	74.99' LT	657.46
A7	36+16.76	74.78' LT	(656.95)
B1	36+60.62	70.40' LT	(658.43)
B2	36+57.88	70.36' LT	658.37
B3	36+51.83	70.27' LT	657.95
B4	36+46.83	70.20' LT	657.90
B5	36+31.83	70.00' LT	657.42
B6	36+16.83	69.79' L T	(656.94)
C1	36+88.74	70.27' LT	(658.60)
C2	36+88.69	76.46' LT	(658.62)

C.E. NORTHWEST CORNER			
POINT	STA	OFFSET	ELEV
A1	37+20.28	76.48' LT	(658.94)
A2	37+23.68	76.48' LT	658.88
A3	37+28.64	76.49' LT	658.83
A4	37+39.85	76.47' LT	657.93
A5	37+44.70	75.80' LT	657.88
A6	37+49.07	74.48' LT	657.65
A7	37+53.70	72.59' LT	657.61
B1	37+24.89	71.49' LT	(658.95)
B2	37+28.65	71.49' LT	658.89
B3	37+39.57	71.47 LT	658.01
B4	37+43.62	70.92' LT	657.96
B5	37+47.26	69.82' LT	657.73
B6	37+51.89	67.92' LT	657.69

MODEL: Default
FILE NAME: 21-18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\02GNDs\dgn\Prelim\Plots\sheets\D162X28-int-ADA-detail-05.dgn

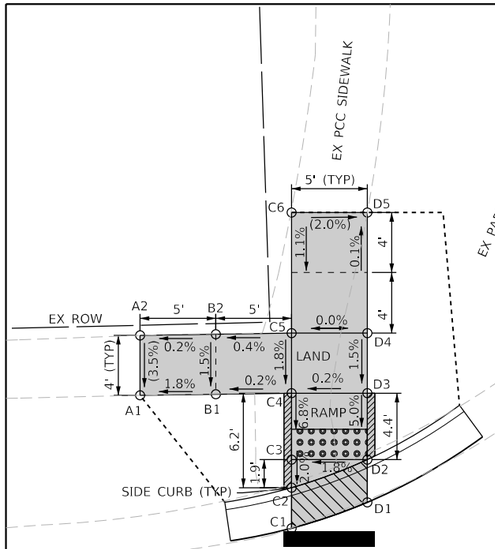
USER NAME = RGall	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/23/2020	DATE -	REVISED -

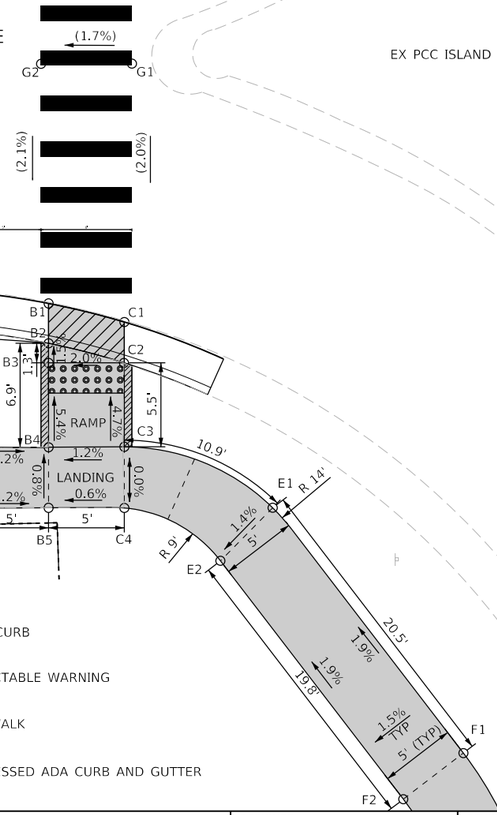
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ADA RAMP DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	45
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			





MARATHON NORTHWEST CORNER			
POINT	STA	OFFSET	ELEV
A1	63+86.12	88.74' LT	(656.55)
A2	63+90.07	88.61' LT	(656.69)
B1	63+86.02	83.74' LT	656.64
B2	63+89.98	83.61' LT	656.70
C1	63+77.02	79.03' LT	(656.37)
C2	63+79.69	78.94' LT	656.31
C3	63+81.55	78.88' LT	656.35
C4	63+85.93	78.74' LT	656.65
C5	63+89.89	78.61 ' LT	656.72
C6	63+97.85	78.35' LT	(656.81)
D1	63+78.67	73.98' LT	(656.50)
D2	63+81.38	73.89' LT	656.44
D3	63+85.77	73.74' LT	656.66
D4	63+89.73	73.61' LT	656.72
D5	63+97.68	73.35' LT	(656.71)

MARATHON SOUTHWEST CORNER			
POINT	STA	OFFSET	ELEV
A1	63+35.79	85.39' LT	(656.40)
A2	63+31.79	85.52' LT	(656.48)
B1	63+45.14	80.08' LT	(656.25)
B2	63+42.51	80.17' LT	656.19
B3	63+41.22	80.21' LT	656.21
B4	63+35.66	80.39' LT	656.51
B5	63+31.66	80.52' LT	656.54
C1	63+43.75	75.12' LT	(656.37)
C2	63+41.06	75.21' LT	656.31
C3	63+35.52	75.39' LT	656.57
C4	63+31.48	75.53' LT	656.57
E1	63+31.18	65.74' LT	656.87
E2	63+27.79	69.30' LT	656.80
F1	63+14.58	53.69' LT	657.25
F2	63+11.67	57.75' LT	657.18
G1	63+60.78	74.06' LT	(656.71)
G2	63+60.97	80.06' LT	(656.61)

LEGEND

- PR SIDE CURB
- PR DETECTABLE WARNING
- PR SIDEWALK
- PR DEPRESSED ADA CURB AND GUTTER

0 5 10 15

SCALE IN FEET

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\DeHgn\Prelim\Plotsheets\D162K28-alt-ADA-detail-06.dgn

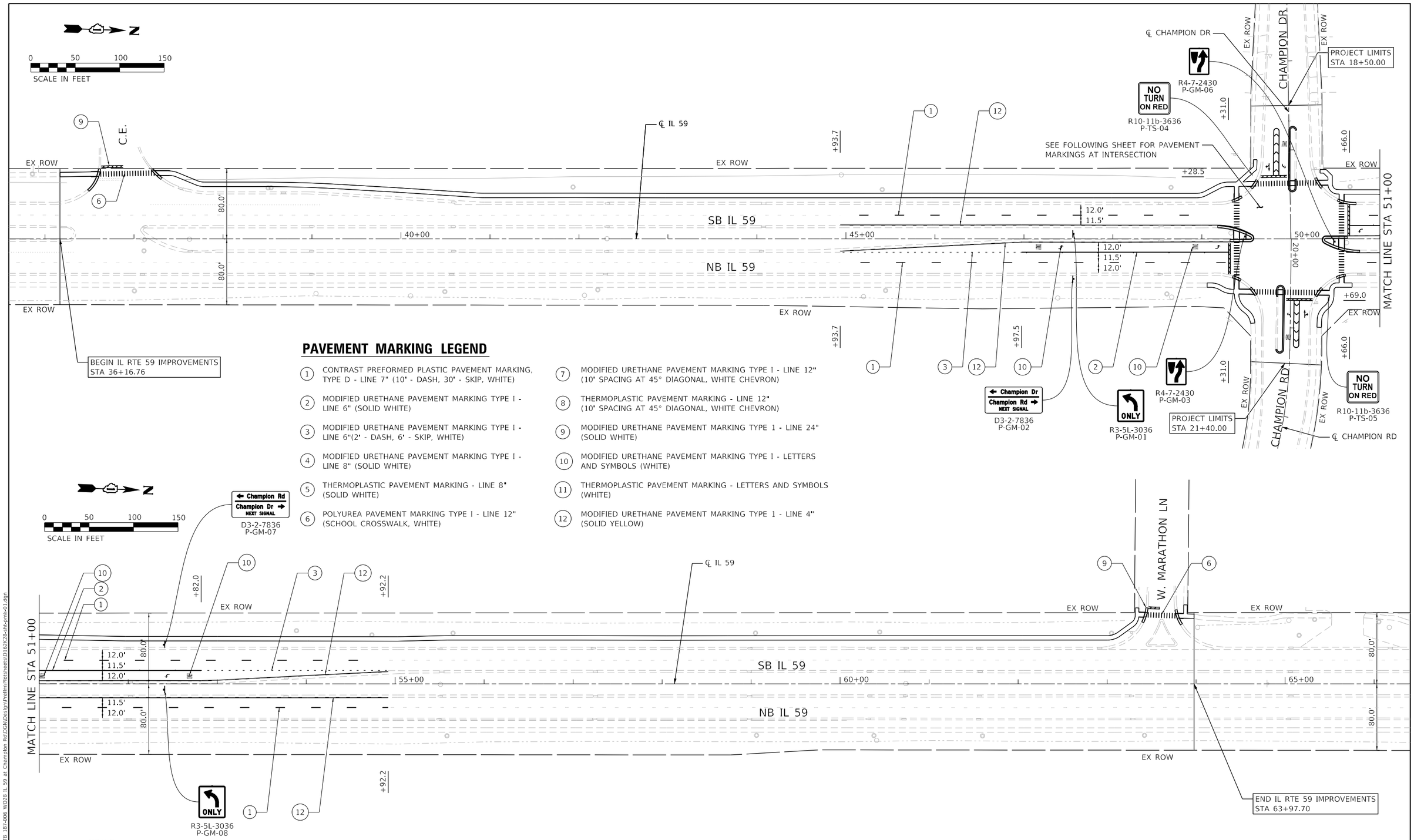
USER NAME = RGall	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/23/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
ADA RAMP DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	46
		CONTRACT NO. 62K28		
		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

1. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (10' - DASH, 30' - SKIP, WHITE)
2. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 6" (SOLID WHITE)
3. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 6"(2' - DASH, 6' - SKIP, WHITE)
4. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 8" (SOLID WHITE)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
6. POLYUREA PAVEMENT MARKING TYPE I - LINE 12" (SCHOOL CROSSWALK, WHITE)
7. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 12" (10' SPACING AT 45° DIAGONAL, WHITE CHEVRON)
8. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (10' SPACING AT 45° DIAGONAL, WHITE CHEVRON)
9. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE)
10. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS (WHITE)
11. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
12. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW)

NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT DISTRICT 1 STANDARD TC-13.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT DISTRICT 1 STANDARD TC-11.

USER NAME = RGall	DESIGNED - RG	REVISED -
	DRAWN - JB, CS, SH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -

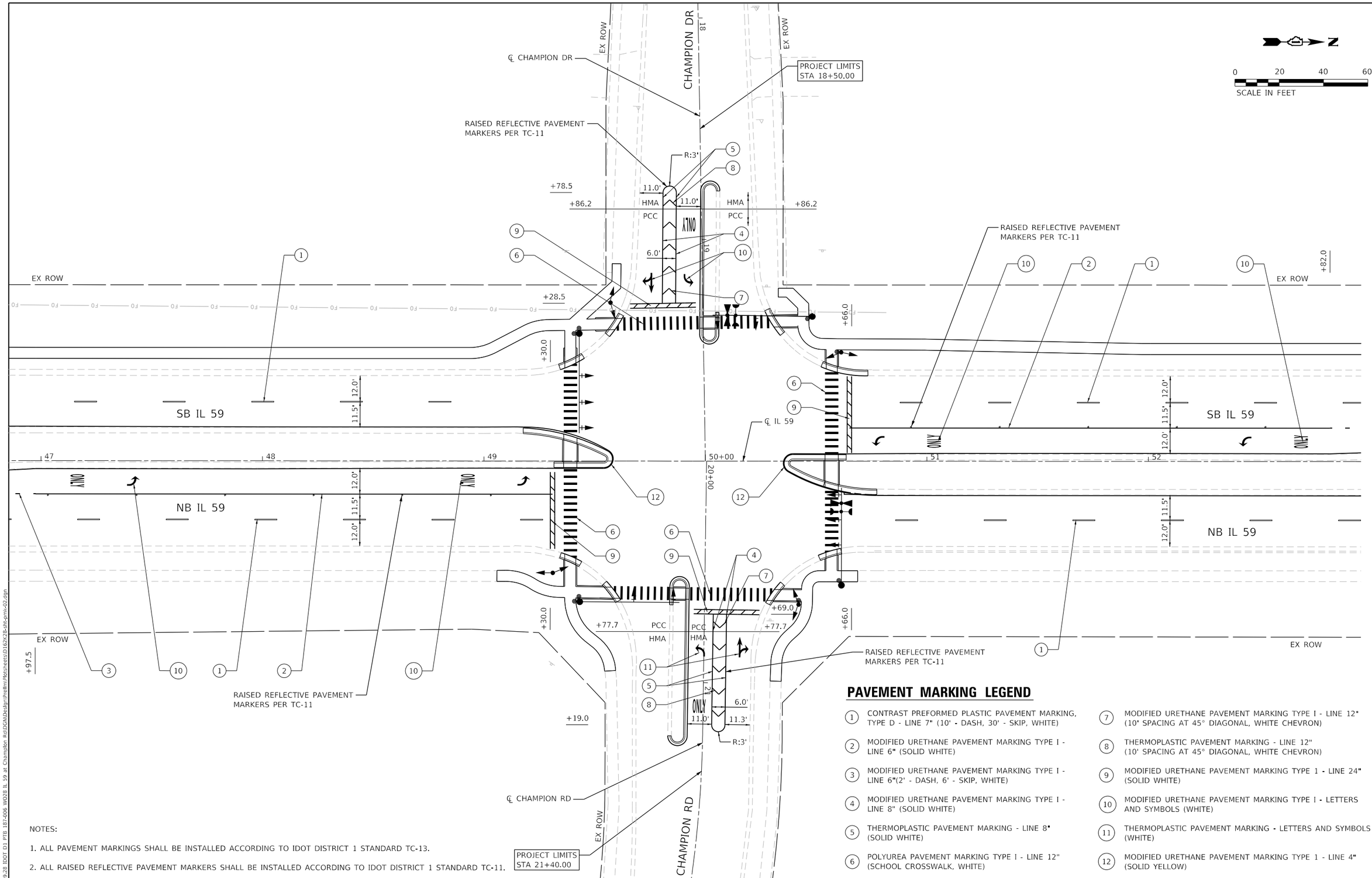
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
PAVEMENT MARKING AND SIGNING PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	47
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-gmks-01.dgn



PAVEMENT MARKING LEGEND

1. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (10' - DASH, 30' - SKIP, WHITE)
2. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 6" (SOLID WHITE)
3. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 6"(2' - DASH, 6' - SKIP, WHITE)
4. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 8" (SOLID WHITE)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
6. POLYUREA PAVEMENT MARKING TYPE I - LINE 12" (SCHOOL CROSSWALK, WHITE)
7. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 12" (10' SPACING AT 45° DIAGONAL, WHITE CHEVRON)
8. THERMOPLASTIC PAVEMENT MARKING - LINE 12" (10' SPACING AT 45° DIAGONAL, WHITE CHEVRON)
9. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 24" (SOLID WHITE)
10. MODIFIED URETHANE PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS (WHITE)
11. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
12. MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4" (SOLID YELLOW)

NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT DISTRICT 1 STANDARD TC-13.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT DISTRICT 1 STANDARD TC-11.

MODEL: Default
FILE NAME: 2:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Prelim\Plotsheets\D162X28-sht-pmk-02.dgn

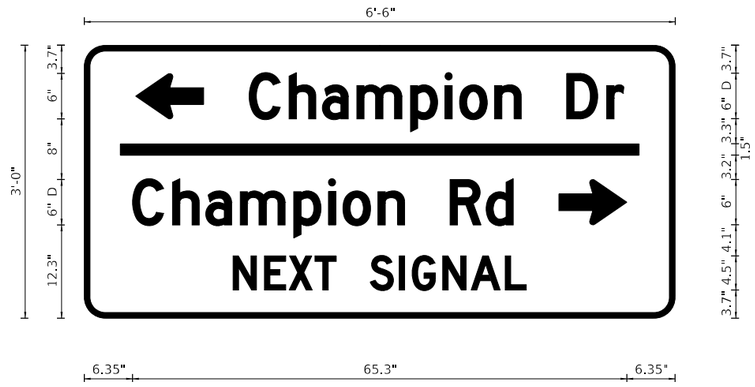
USER NAME = RGall	DESIGNED - RG	REVISED -
	DRAWN - JB, CS, SH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
INTERSECTION PAVEMENT MARKING PLAN

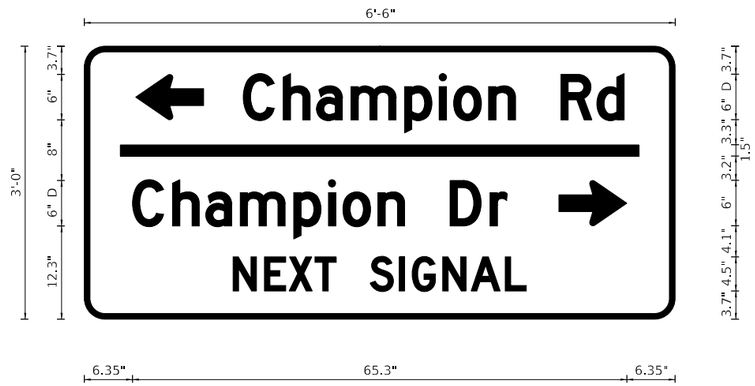
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	48
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



BORDER
R=2.75"
TH=0.75"
WHITE LETTERING/GREEN BACKGROUND

D3-2
P-GM-02



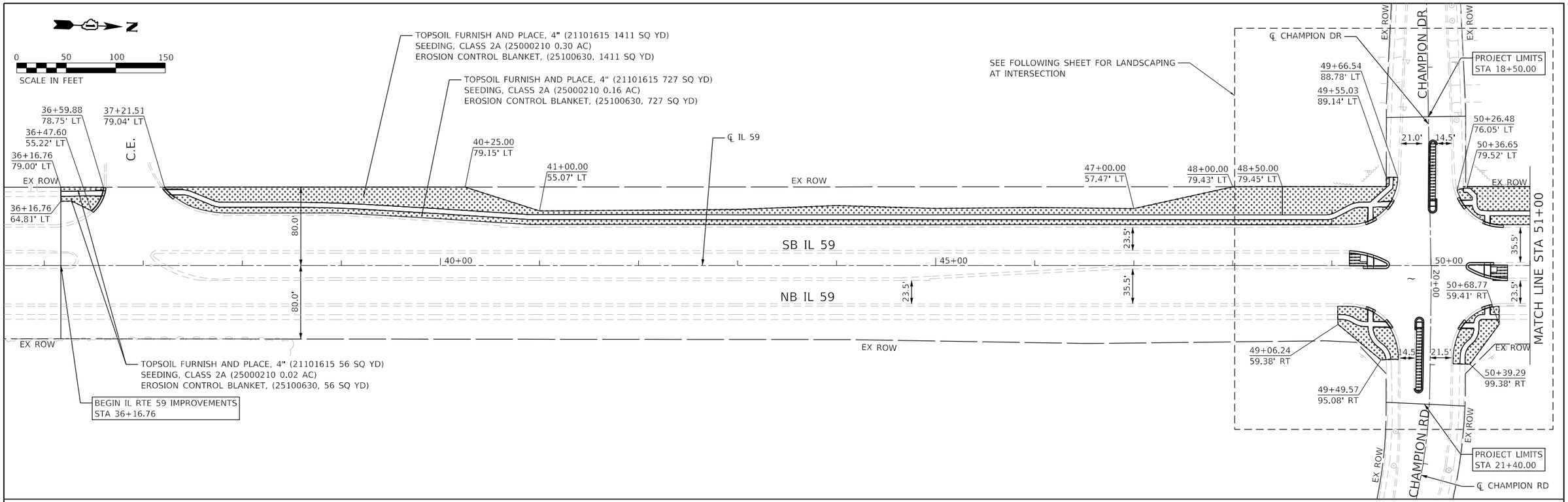
BORDER
R=2.75"
TH=0.75"
WHITE LETTERING/GREEN BACKGROUND

D3-2
P-GM-07

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-sfgnfng-detailk.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**IL 59 AT CHAMPION RD** **SIGNING DETAILS**	
	DRAWN - JB, CS, SH	REVISED -			
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -			
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	49
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



MODEL: Default
FILE NAME: 22:18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162X28-pht-Hndscp-01.dgn

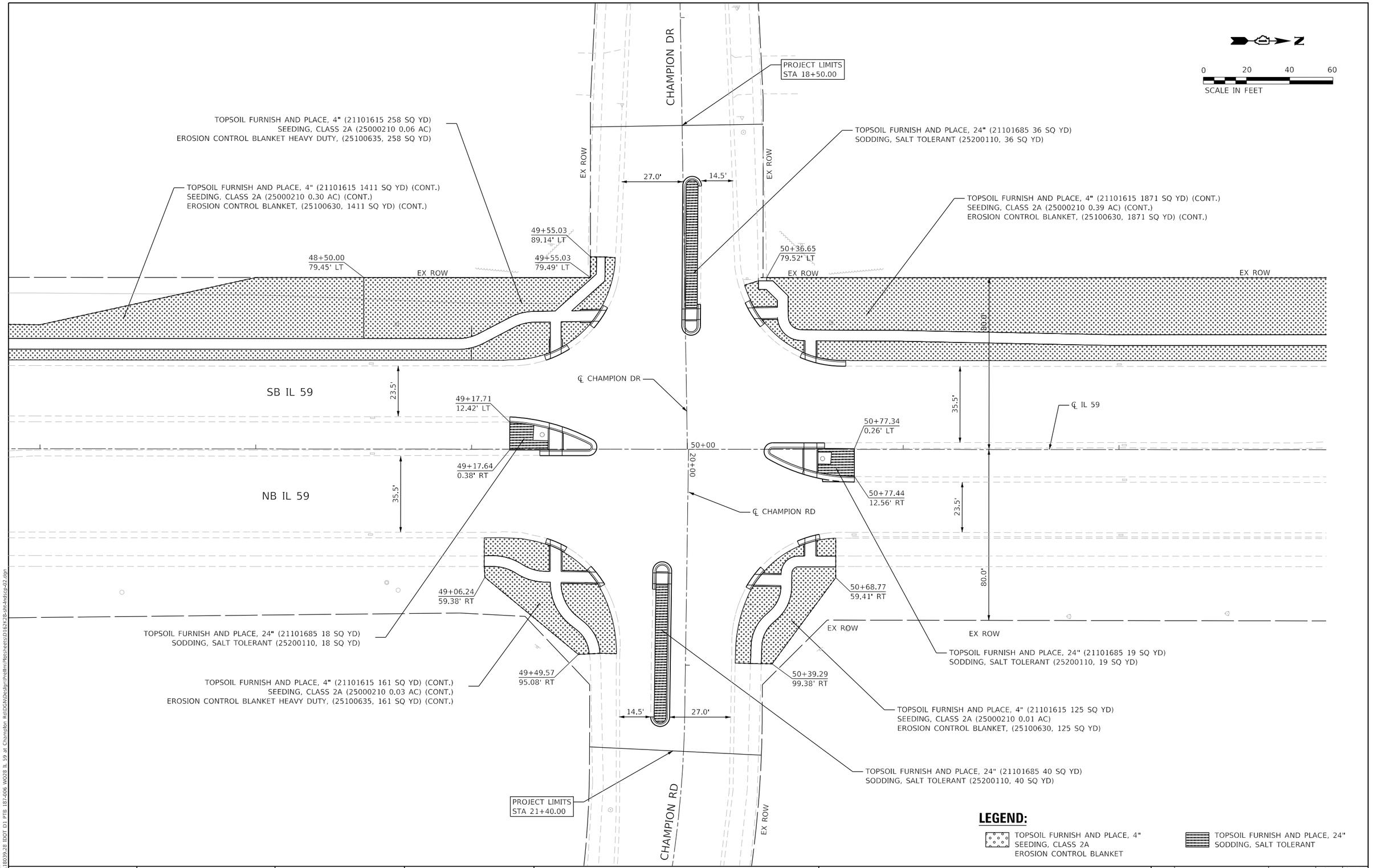
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
LANDSCAPING PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	50
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-phl-hndscp-02.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 AT CHAMPION RD
INTERSECTION LANDSCAPING PLAN

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	51
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	T	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX	J	J
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET	RC	RC
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P	P
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C C	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADSheets\ts05.dgn

USER NAME = footemj	DESIGNED - IP	REVISED -
	DRAWN - IP	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -
PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	52
	TS–05	CONTRACT NO. 62K28		
	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.

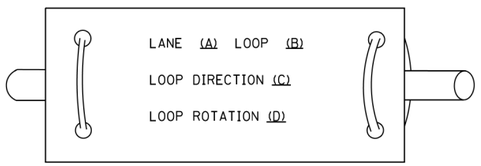
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

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

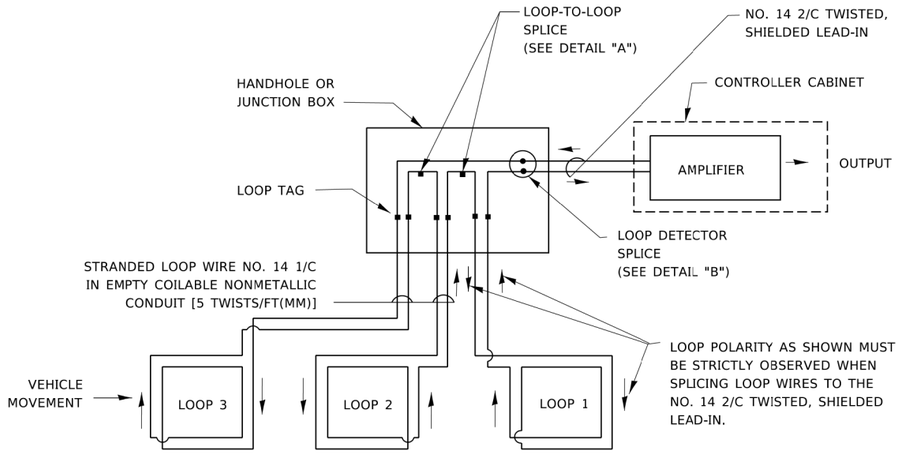


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

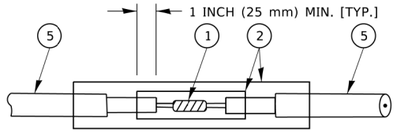
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

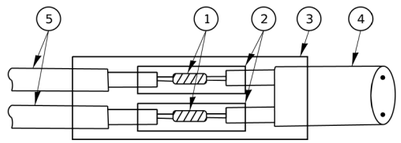


DETECTOR LOOP WIRING SCHEMATIC

- 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.

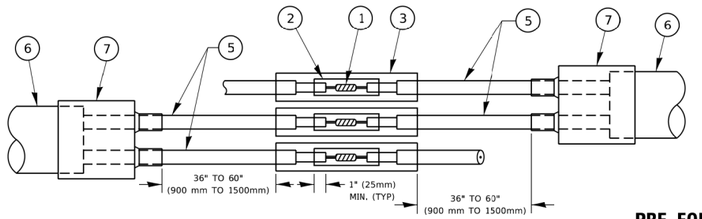


DETAIL "A"
LOOP-TO-LOOP SPLICE



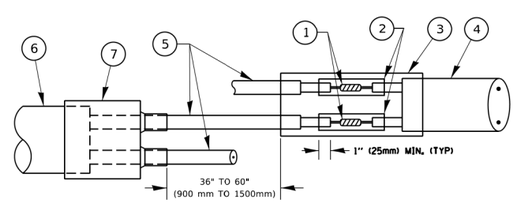
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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 LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP

(6) XL POLYOLEFIN 2 CONDUCTOR

(7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

USER NAME = footemj	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

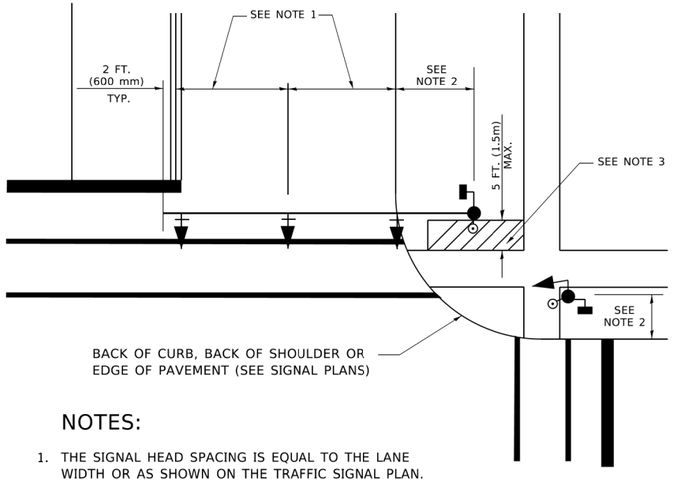
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	53
	TS-05	CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

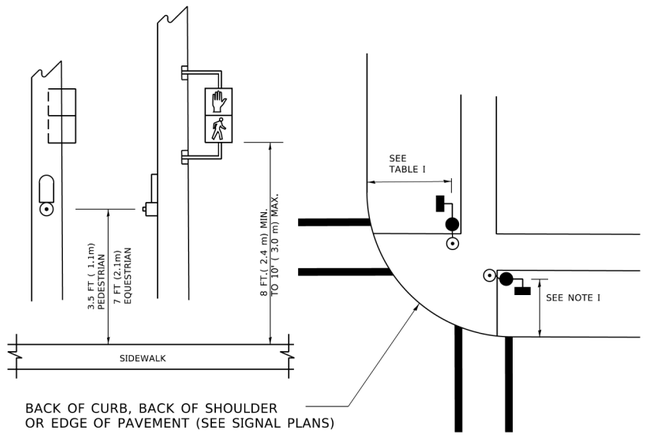
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

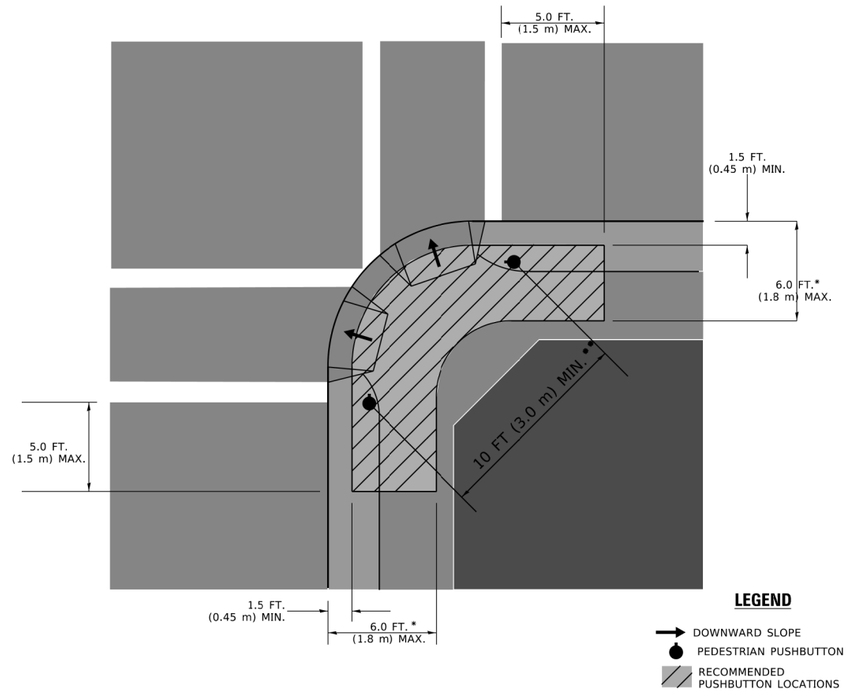
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

MODEL: Default
FILE NAME: pw:\\IL084EBI0INTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\ts05.dgn

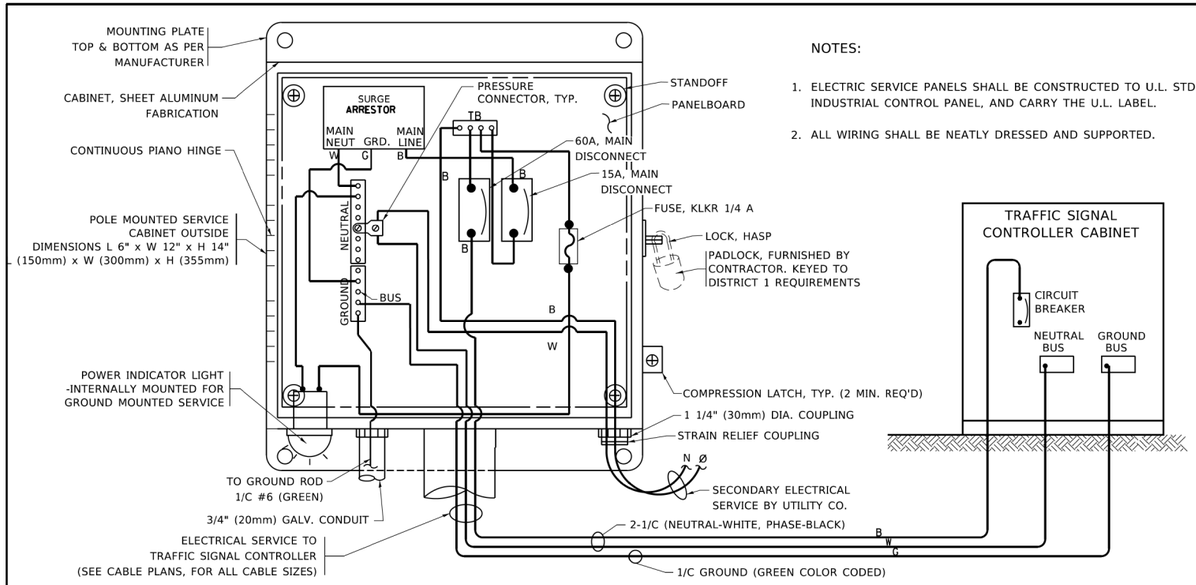
USER NAME = footemj	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

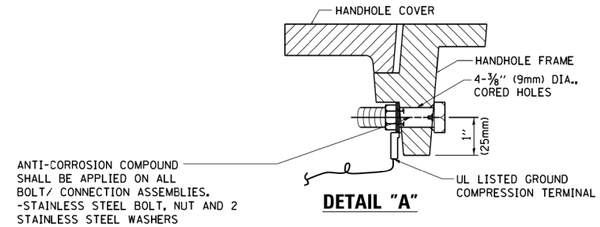
SCALE: NONE | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	54
	TS-05	CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

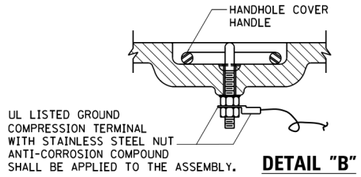


NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



DETAIL "A"



DETAIL "B"

NOTES:

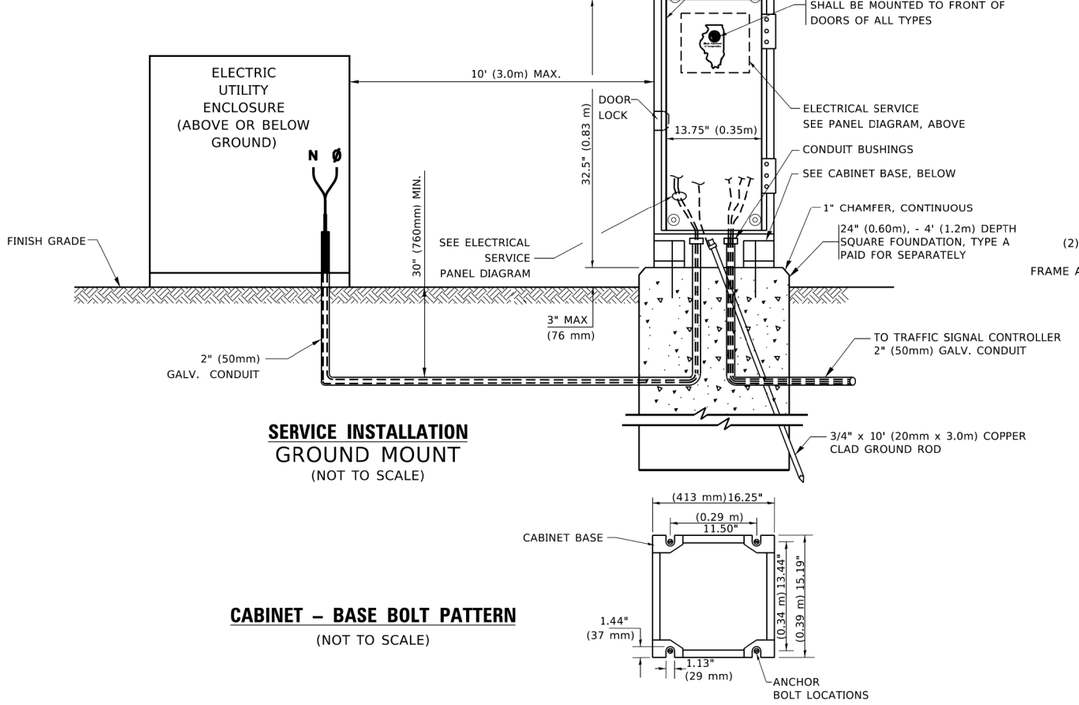
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC,). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



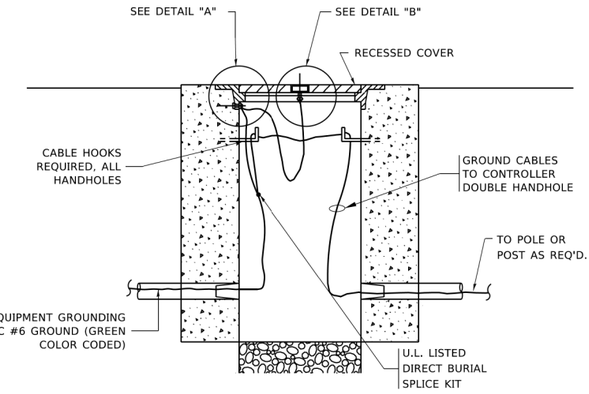
SERVICE INSTALLATION

GROUND MOUNT

(NOT TO SCALE)

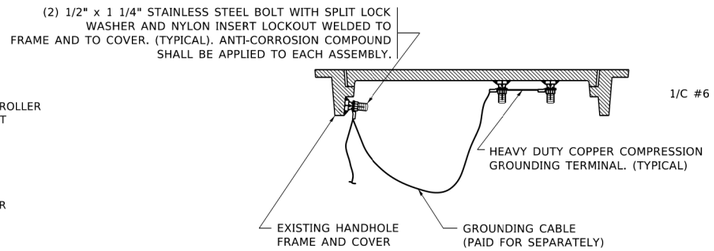
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



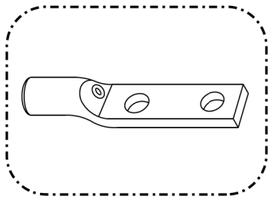
HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)

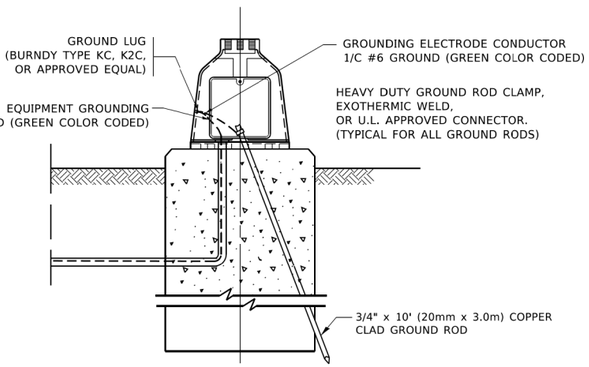


HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)

¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

MODEL: Default
FILE NAME: pw:\\IL084EBI01NTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\ts05.dgn

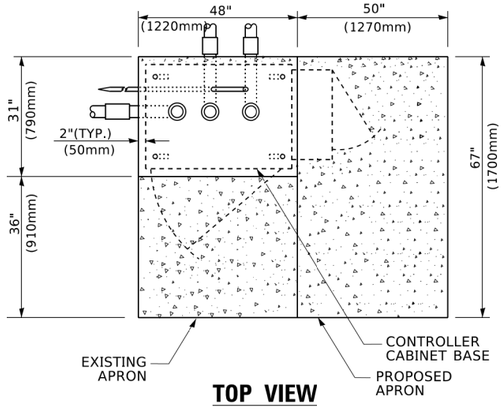
USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

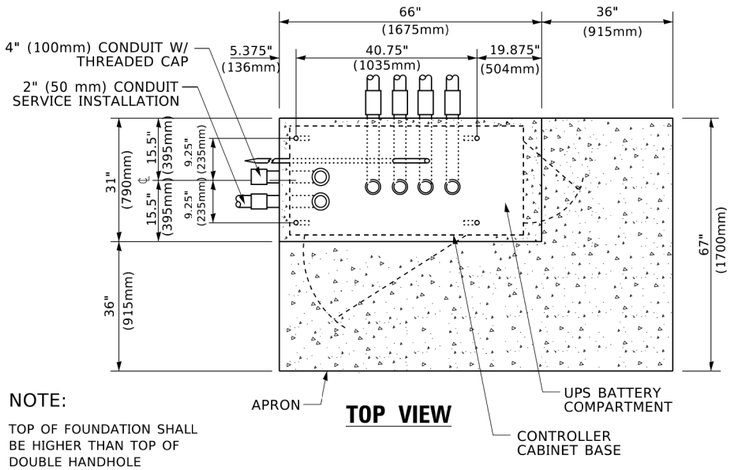
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	55
	TS-05	CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



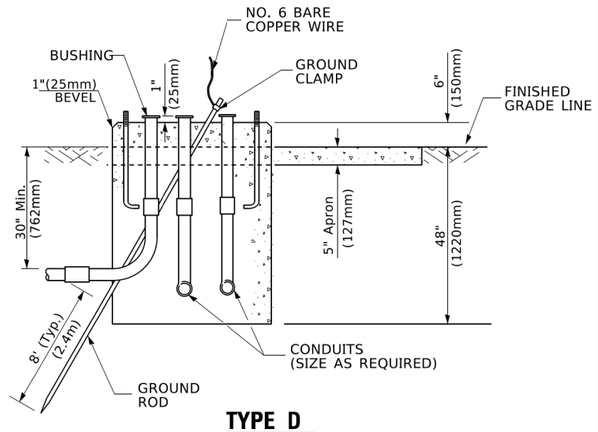
TOP VIEW



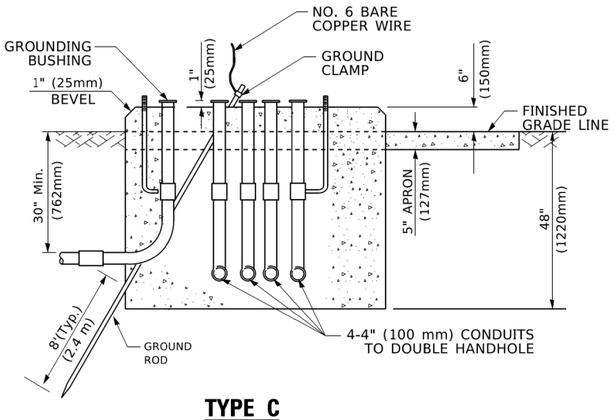
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

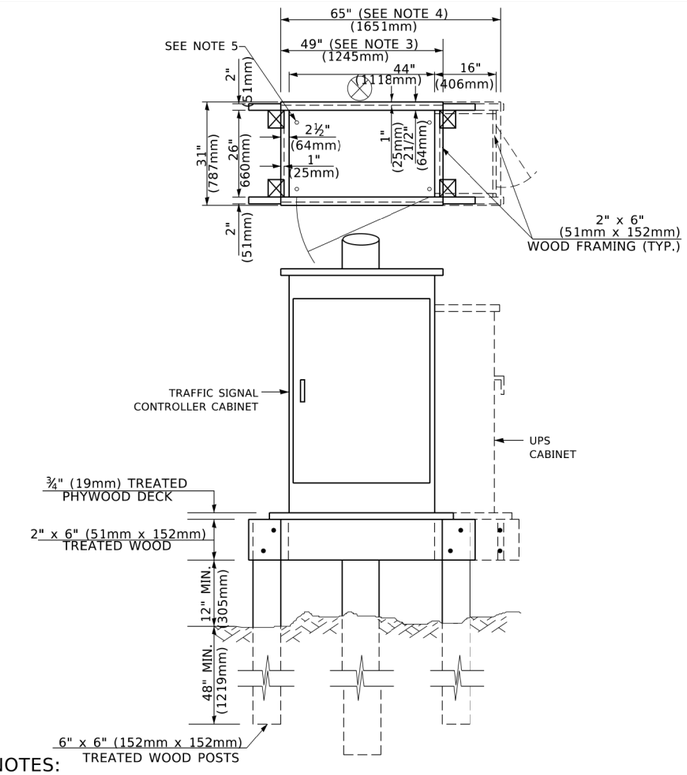
TOP VIEW



TYPE D
FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



TYPE C
FOR GROUND MOUNTED SUPER P (TYPE IV) AND SUPER R (TYPE V) CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

MODEL: Default
FILE NAME: pw:\\IL084EBIDNTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\ts05.dgn

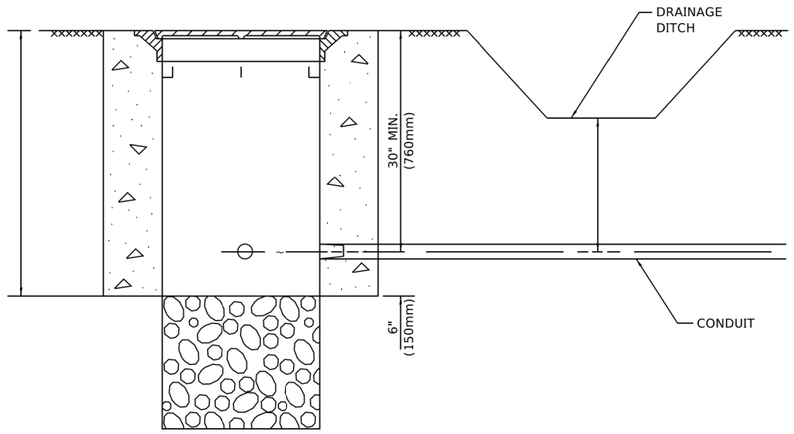
USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	56
	TS-05	CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

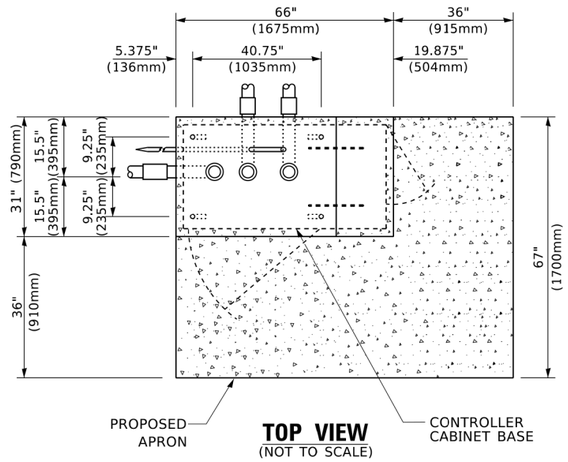


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

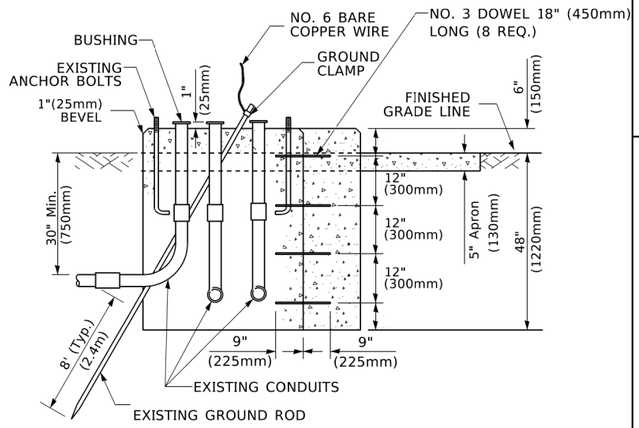
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



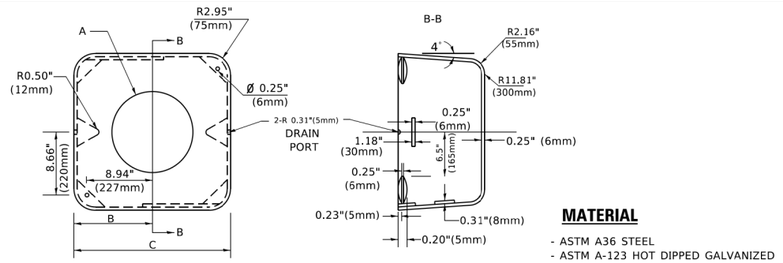
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

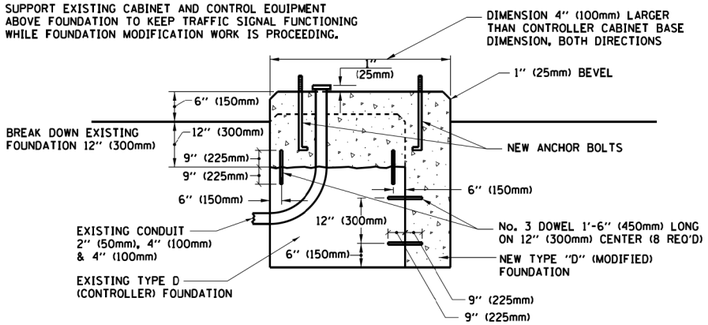
SHROUD

NOTES:

1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

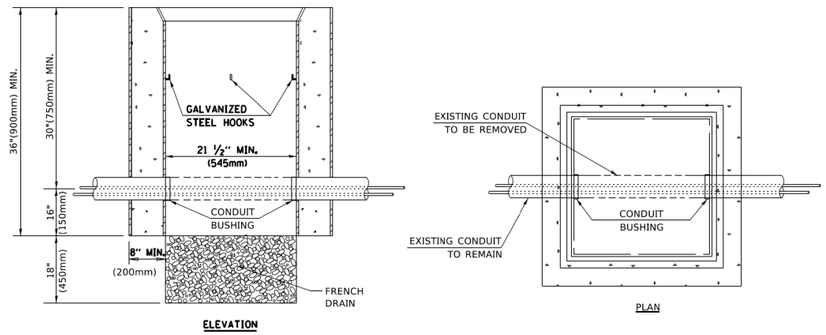
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\ts05.dgn

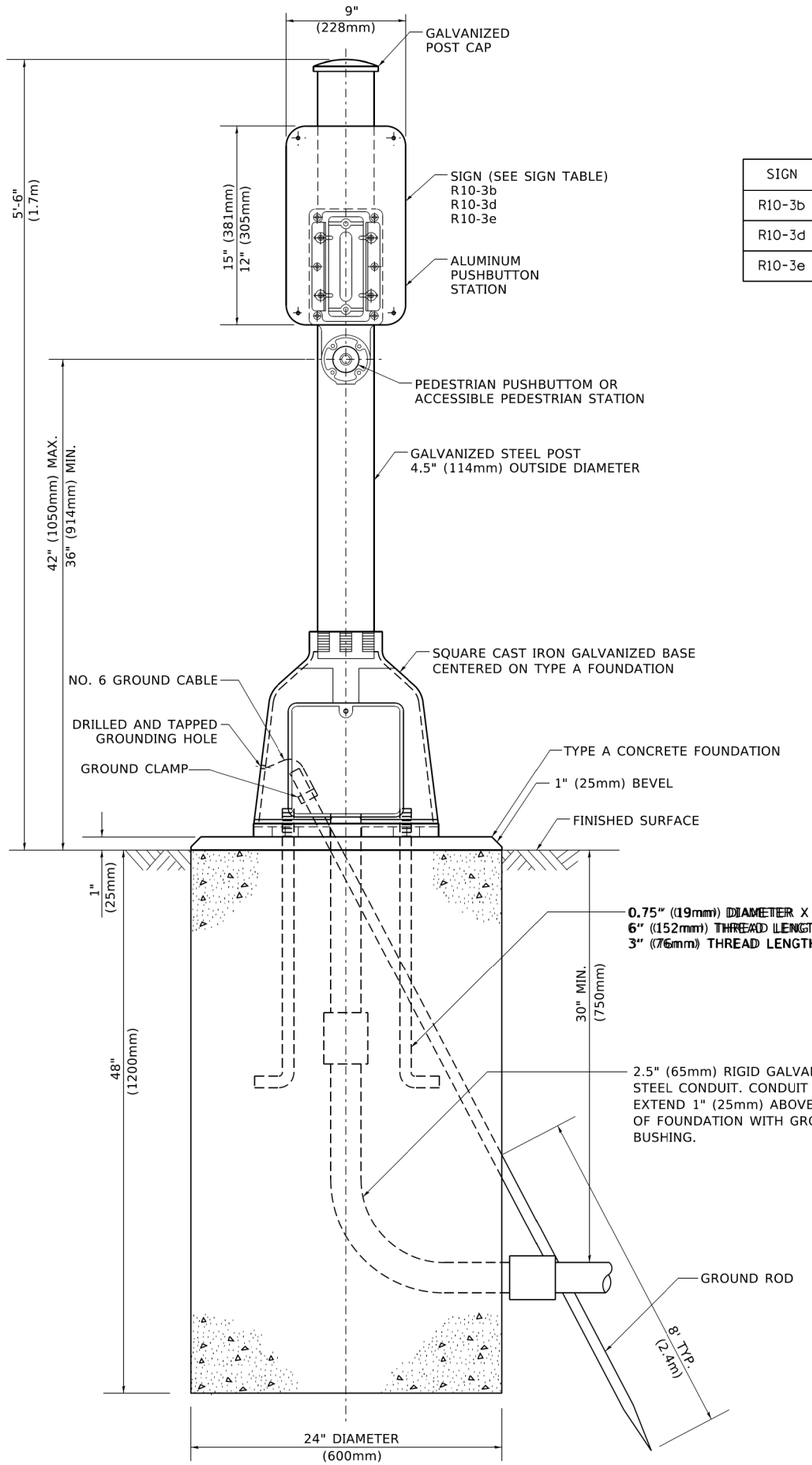
USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

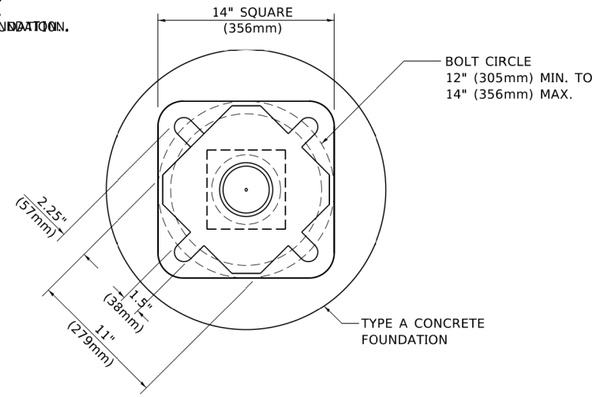
SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	57
	TS-05	CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9'' (228mm) X 12'' (305mm)
R10-3d	9'' (228mm) X 12'' (305mm)
R10-3e	9'' (228mm) X 15'' (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist5\d22x34\CADData\CADsheets\ts05.dgn

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

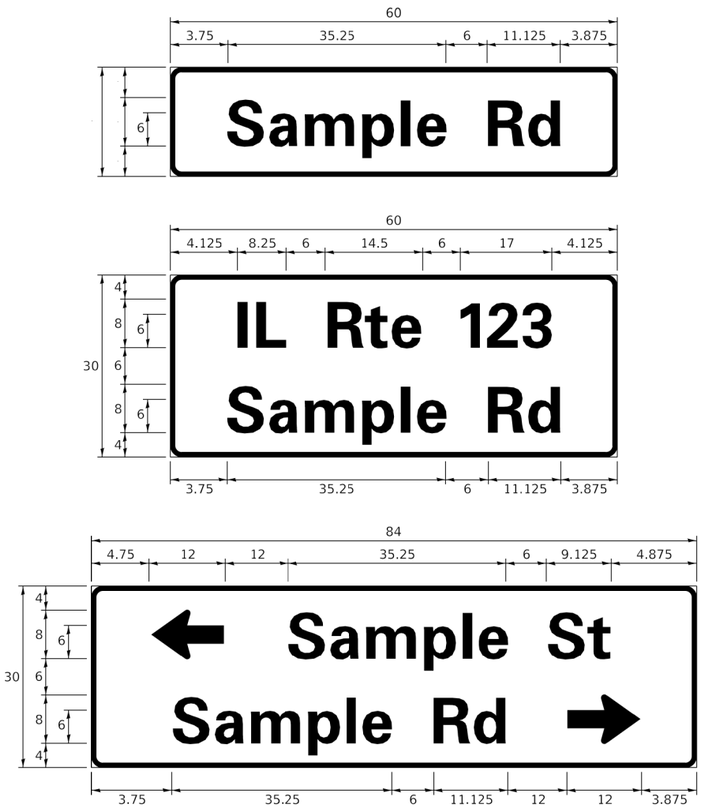
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	58
	TS-05	CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
  MIDLOTHIAN, VA
- WESTERN REMAC, INC.
  WOODRIDGE, IL

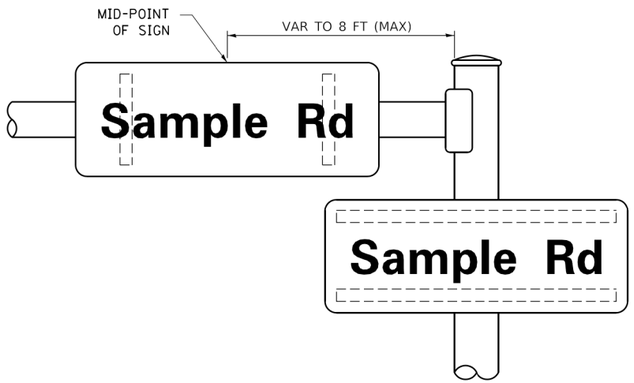
PARTS LISTING:

SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

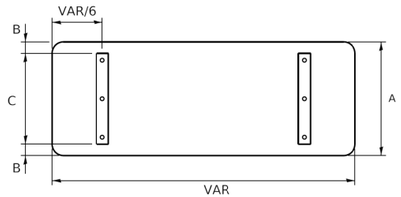
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

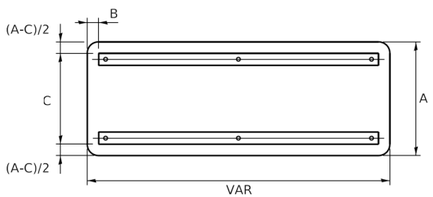
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

MODEL: Default
FILE NAME: pw:\\IL084:EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Std22x34\CADData\CADsheets\ts02.dgn

USER NAME = footemj	DESIGNED - LP/IP	REVISED - LP 07/01/2015	
	DRAWN - LP	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - IP	REVISED -	
PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	59
	TS-02	CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

MATCHLINE STA. 51+50.00

MATCHLINE STA. 48+00.00

N

EX ROW

IL RTE 59

EX IL RTE 59 ℄

239'-UC-2"

133'-UC-2"

10'-UC-3"

16' POST. APPROX. STA. 50+61.5, 47.8' LT

31'-UC-3"

32'-UC-2"

46' M.A. - 36" DIA. FDN (13' DEPTH) APPROX. STA. 50+48.5, 65.3' LT

10' POST, TYPE "A" - 10" DIA. FDN. APPROX. STA. 50+40.7, 59.5' LT

137'-UC-4"

EX CHAMPION DR ℄

CHAMPION DRIVE

SEE NOTE 5 (TYP.)

THROUGH LANE

16' POST. APPROX. STA. 49+57.2, 71.4' LT

36'-UC-3"

10' POST, TYPE "A" - 10" DIA. FDN. APPROX. STA. 49+49.2, 58.4' LT

20'-UC-2"

40' M.A. - 36" DIA. FDN (13' DEPTH) APPROX. STA. 49+34.8, 52.6' LT

5'-UC-3"

ABANDON CONDUIT IN PLACE (1 EA)

310'-UC-2"

260'-UC-2"

62'-UC-2"

16' POST. APPROX. STA. 49+34.7, 51.9' RT

38' M.A. - 36" DIA. FDN (11' DEPTH) APPROX. STA. 49+50.7, 64.1' RT

10'-UC-3"

8'-UC-3"

58'-UC-2"

(2) 107'-UC-4"

21'-UC-2"

34' M.A. - 36" DIA. FDN (11' DEPTH) APPROX. STA. 50+61.9, 47.7' RT

CONCRETE PAD

SUPER P CABINET

5'-UC-4-4"

20'-UC-3"

16'-UC-3"

16' M.A. - 30" DIA. FDN (10' DEPTH) APPROX. STA. 50+36.0, 65.3' RT

CHAMPION ROAD

EX CHAMPION RD ℄

SEE NOTE 5 (TYP.)

112'-UC-4"

NOTES

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED.
3. ALL STATIONING IS FROM CENTERLINE OF ROUTE 59 UNLESS OTHERWISE NOTED.
4. TWO CHANGEABLE MESSAGE SIGNS ON IL RTE 59 WILL NEED TO BE IN PLACE TWO WEEKS PRIOR AND TWO WEEKS AFTER THE TRAFFIC SIGNAL IS TURNED-ON. THIS IS REQUIRED FOR A NEW STOP CONDITION.
5. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS SHALL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

TS 21866
ECON 133

TS SHT NO. 1

MODEL: sMODELNAMES
FILE NAME: W:\Projects\2018\180124 PTB 187.ca\dgn\CivilDgn\WO2BtShtD162K28-ts_01.dgn

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

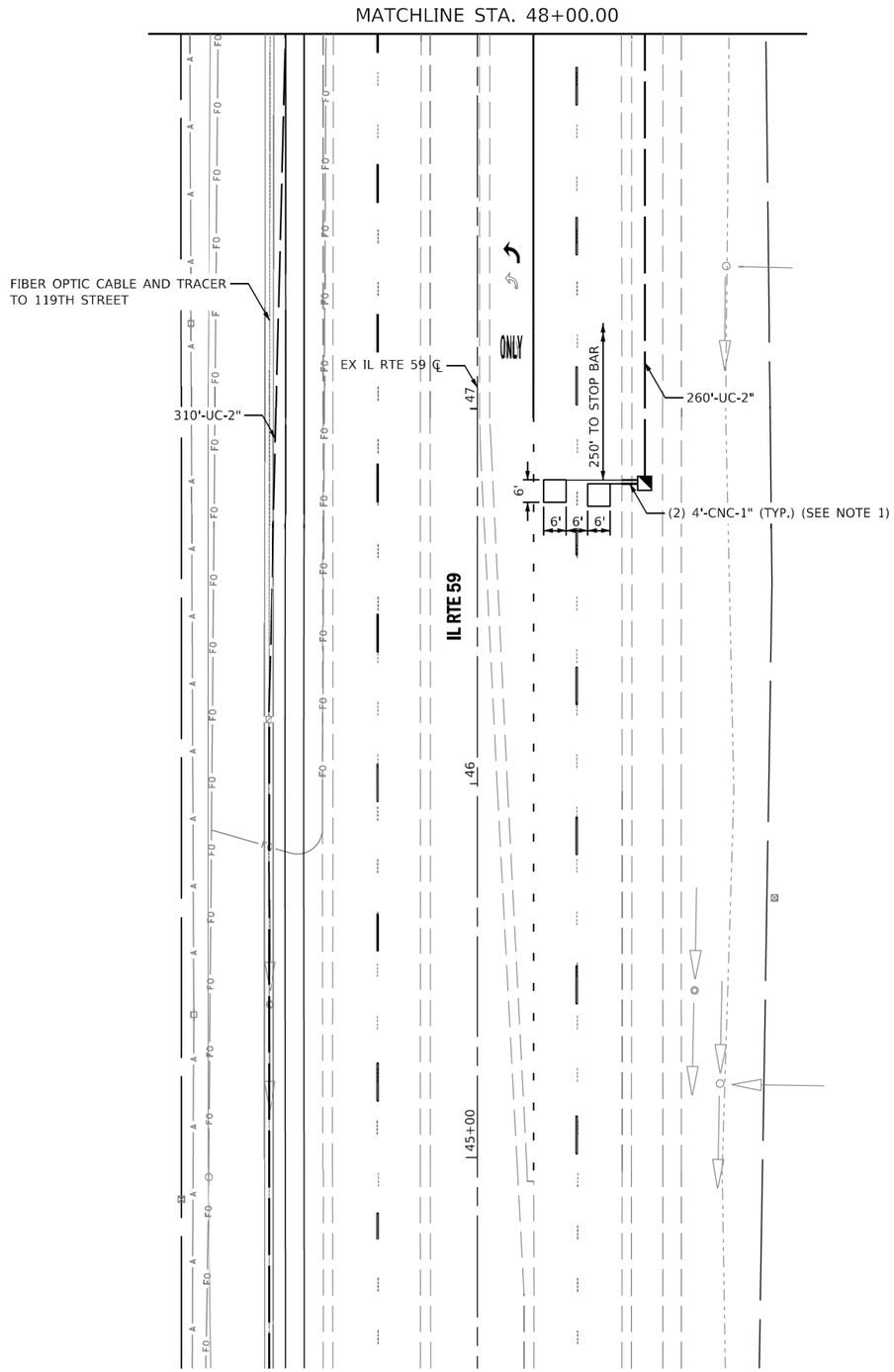
USER NAME = rsikes	DESIGNED - RMS	REVISED -	
	DRAWN - RMS	REVISED -	
PLOT SCALE = 1:40.02	CHECKED - KAC	REVISED -	
PLOT DATE = 6/30/2020	DATE - 05/22/2020	REVISED -	

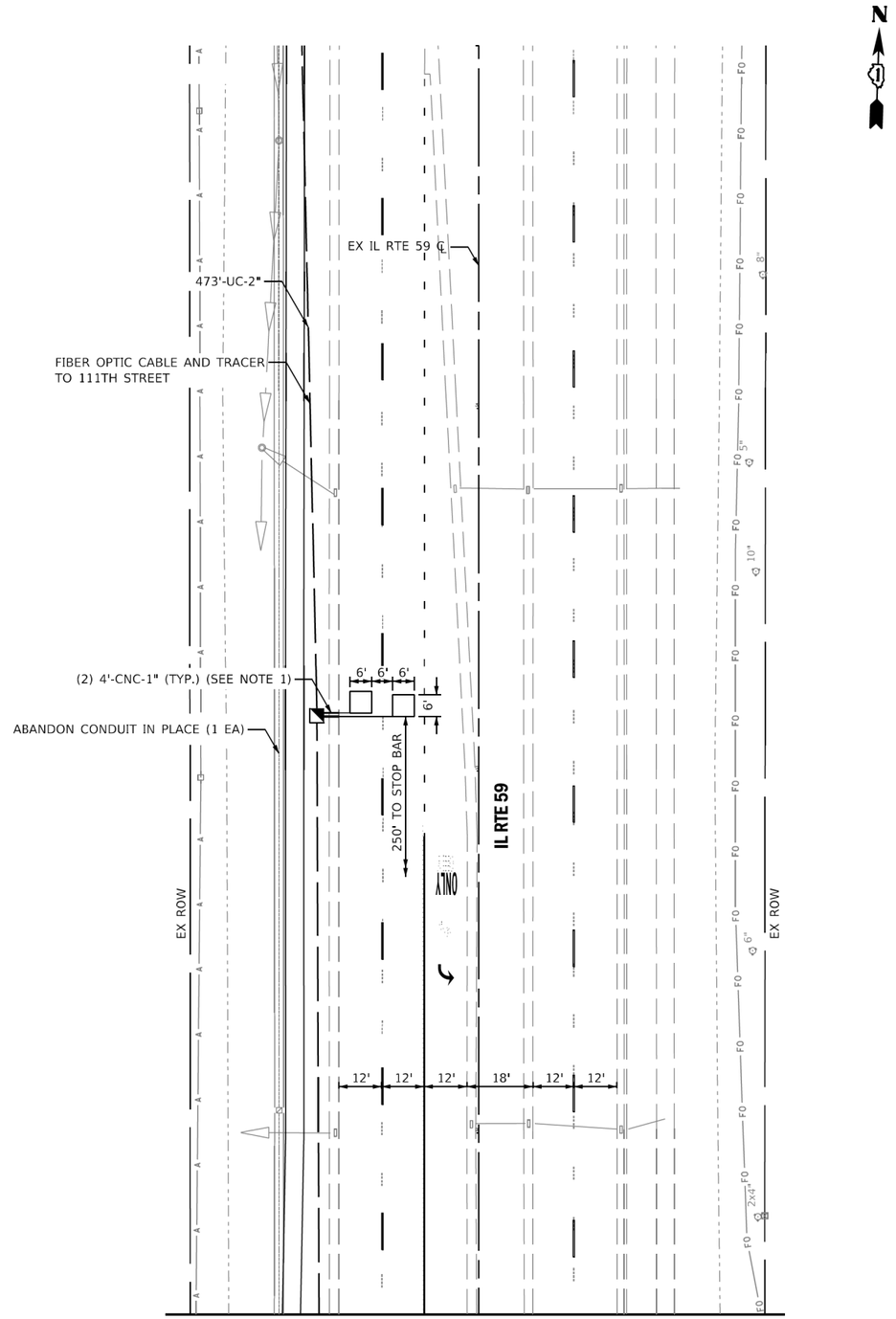
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 59 AT CHAMPION RD

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	60
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		





TS 21866
ECON 133

TS SHT NO. 2

MODEL: $MODELNAMES
FILE NAME: W:\Projects\2018\180124 PTB 187\cadd\Civil\Dgn\W02BlSht\D162K28+s 02.dgn

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = rsikes	DESIGNED - RMS	REVISED -
	DRAWN - RMS	REVISED -
PLOT SCALE = 1:40.02	CHECKED - KAC	REVISED -
PLOT DATE = 5/18/2020	DATE - 05/22/2020	REVISED -

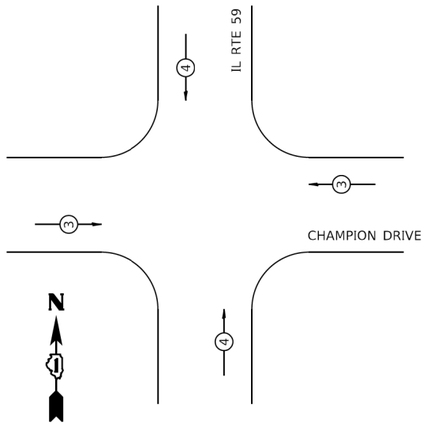
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 59 AT CHAMPION RD

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

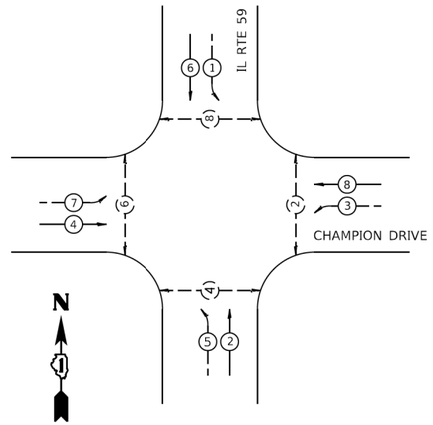
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	61
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

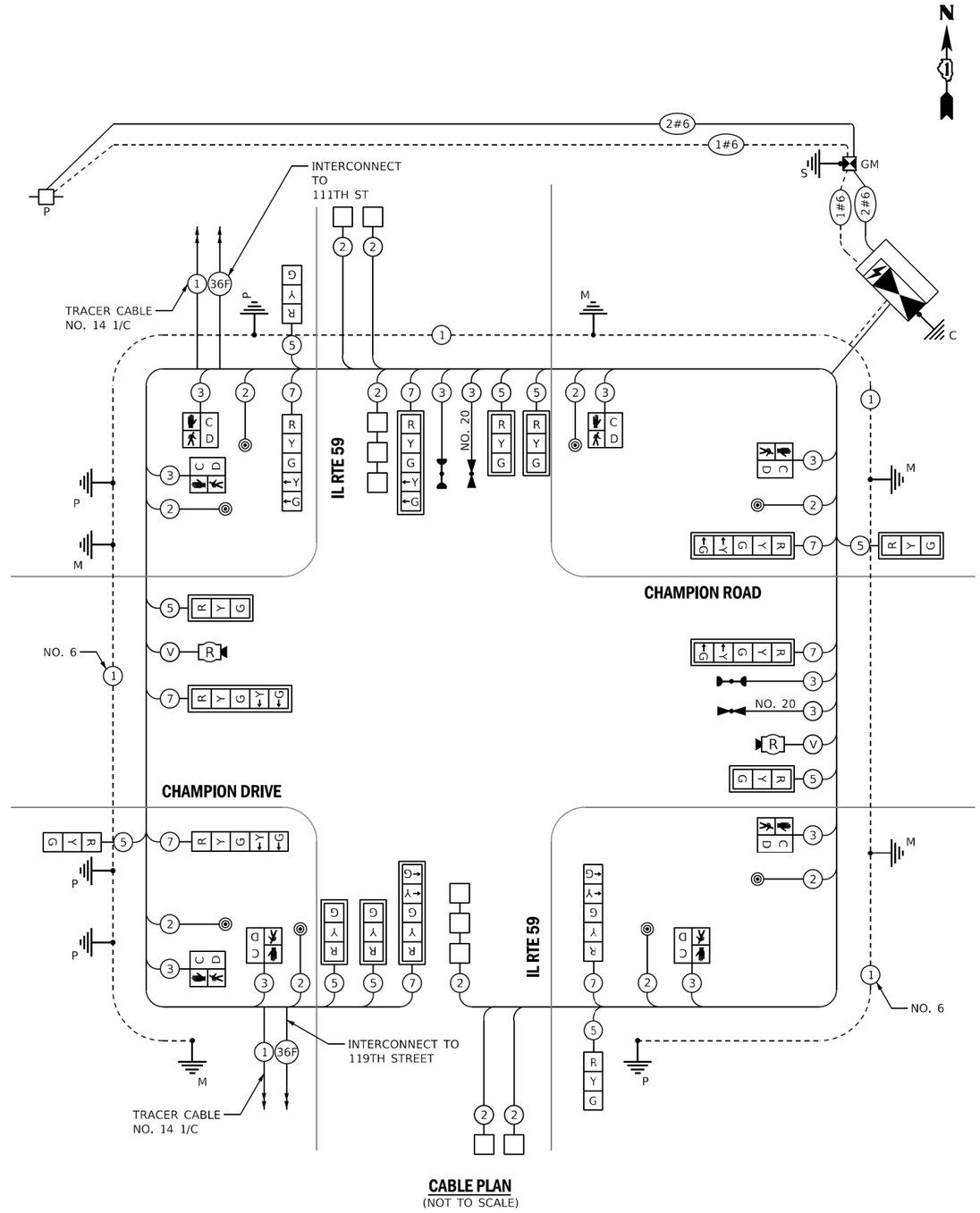


PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT		

PROPOSED CONTROLLER SEQUENCE



LEGEND:
- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL PEDESTRIAN PHASE



CABLE PLAN
(NOT TO SCALE)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	18		11	50	99.0
(YELLOW)	18		20	5	18.0
(GREEN)	18		12	45	97.2
ARROW	16		10	10	16.0
PED SIGNAL	8		20	100	160.0
CONTROLLER	1		100	100	100.0
UPS	1		25	100	25.0
VIDEO SYSTEM	1		150	100	150
FLASHER	-		-	50	-
				TOTAL =	665.2

ENERGY COST TO: VILLAGE OF PLAINFIELD
24401 W. LOCKPORT STREET
PLAINFIELD, IL 60544

ENERGY SUPPLY:
CONTACT: CHRISTY GOOSSENS
PHONE: (815) 724-5982
COMPANY: COMED
ACCOUNT NUMBER: 03811-20270

TS 21866
ECON 133

TS SHT NO. 3

FILE NAME = W:\Projects\2018\180124 PTB187\cadd\Civil\Dgn\W0228ShtID162K28-cableDiagram.dgn

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = rsikes	DESIGNED - RMS	REVISED -	
	DRAWN - RMS	REVISED -	
PLOT SCALE = 1:40	CHECKED - YOO	REVISED -	
PLOT DATE = 5/20/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

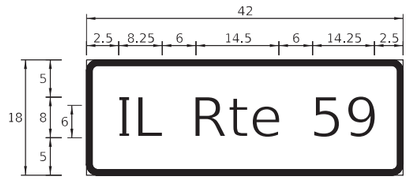
CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 59 AT CHAMPION RD

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

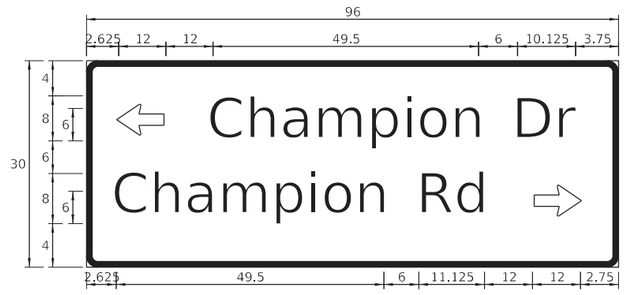
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	62
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	

SIGN PANEL - TYPE 1 OR TYPE 2

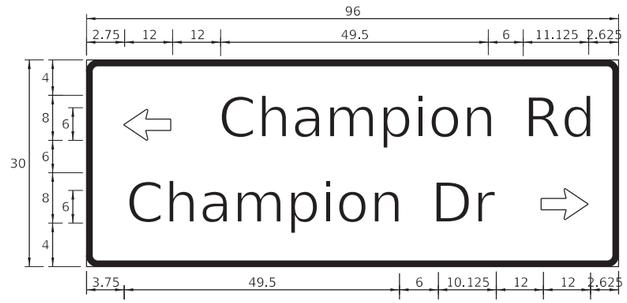
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	5.25	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	20	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	20	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

	ITEM	UNIT	TOTAL QUANTITY
	CHANGEABLE MESSAGE SIGN	CAL DA	60
	SIGN PANEL - TYPE 1	SQ FT	10.5
	SIGN PANEL - TYPE 2	SQ FT	40
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	825
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	136
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	483
	HANDHOLE	EACH	5
	HEAVY-DUTY HANDHOLE	EACH	2
	DOUBLE HANDHOLE	EACH	1
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1367
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1716
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1972
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1631
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1875
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	190
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	759
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
	STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
	CONCRETE FOUNDATION, TYPE A	FOOT	16
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
	INDUCTIVE LOOP DETECTOR	FOOT	6
	DETECTOR LOOP, TYPE I	EACH	424
*	LIGHT DETECTOR	EACH	2
*	LIGHT DETECTOR AMPLIFIER	EACH	1
	PEDESTRIAN PUSH-BUTTON	EACH	8
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	293
	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2
	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
	CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	8

* 100% OF THE COST SHALL BE PAID FOR BY THE VILLAGE OF PLAINFIELD

TS 21866
ECON 133

TS SHT NO. 4

FILE NAME =

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

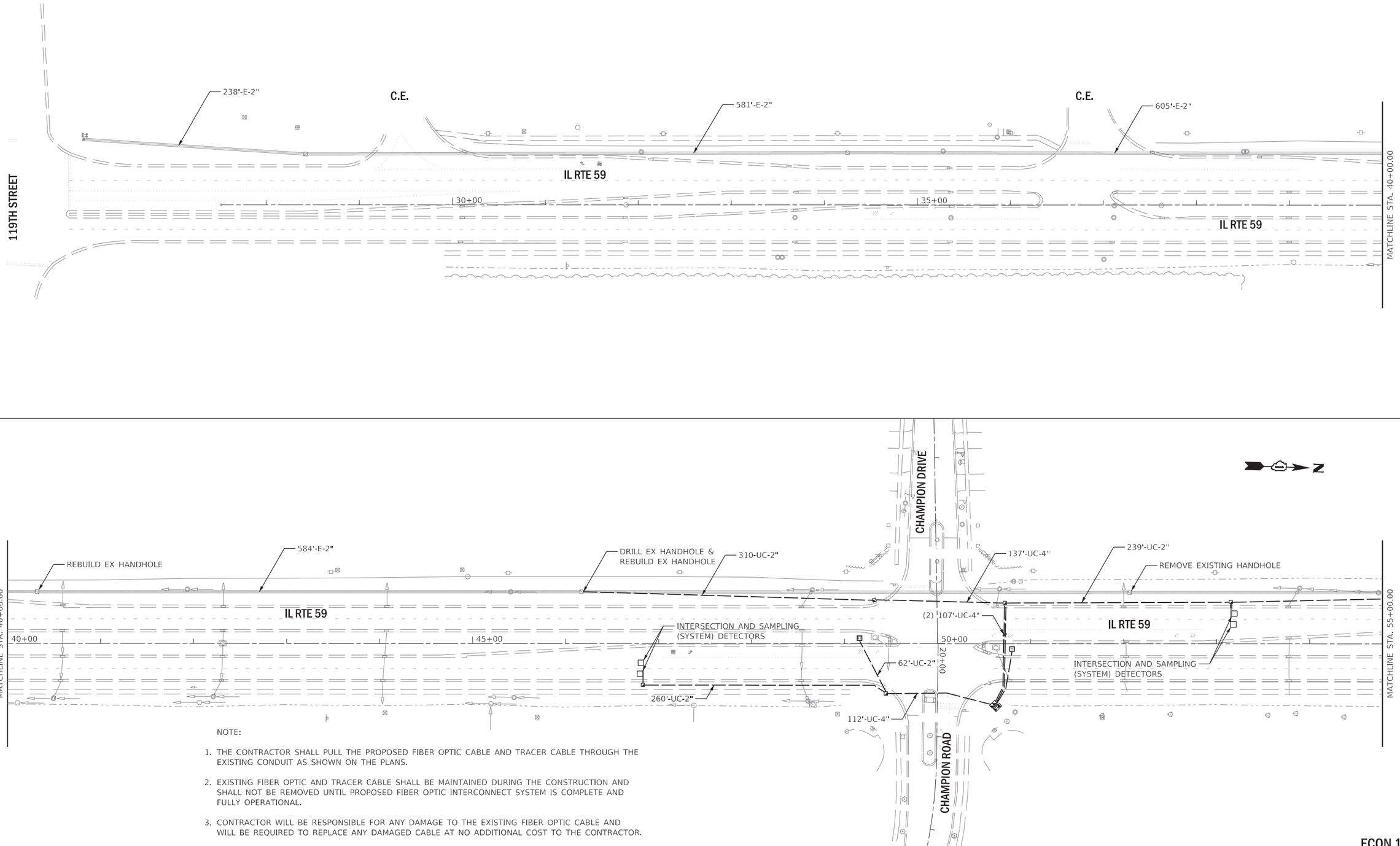
USER NAME = rsikes	DESIGNED - RMS	REVISED -	
	DRAWN - RMS	REVISED -	
PLOT SCALE = 1:40	CHECKED - YOO	REVISED -	
PLOT DATE = 6/30/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
IL 59 AT CHAMPION RD

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	63
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	



NOTE:

1. THE CONTRACTOR SHALL PULL THE PROPOSED FIBER OPTIC CABLE AND TRACER CABLE THROUGH THE EXISTING CONDUIT AS SHOWN ON THE PLANS.
2. EXISTING FIBER OPTIC AND TRACER CABLE SHALL BE MAINTAINED DURING THE CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL PROPOSED FIBER OPTIC INTERCONNECT SYSTEM IS COMPLETE AND FULLY OPERATIONAL.
3. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FIBER OPTIC CABLE AND WILL BE REQUIRED TO REPLACE ANY DAMAGED CABLE AT NO ADDITIONAL COST TO THE CONTRACTOR.

ECON 133

TS SHT NO. 5

FILE NAME = W:\Projects\2018\180124 PTB187\cadd\CivilDgn\WO28Sht\D162K28-ln_01.dgn

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

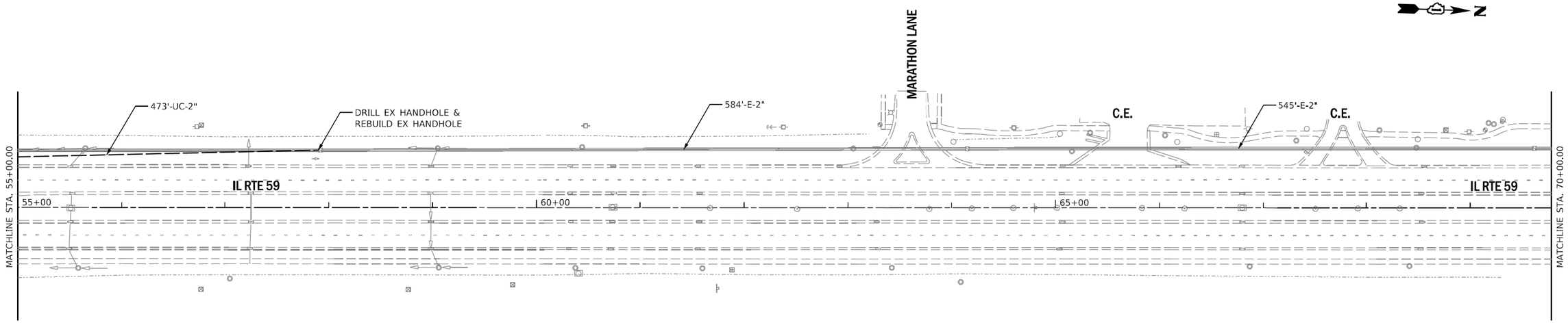
USER NAME = rsikes	DESIGNED - RMS	REVISED -	
	DRAWN - RMS	REVISED -	
PLOT SCALE = 1:100	CHECKED - KAC	REVISED -	
PLOT DATE = 6/30/2020	DATE - 05/22/2020	REVISED -	

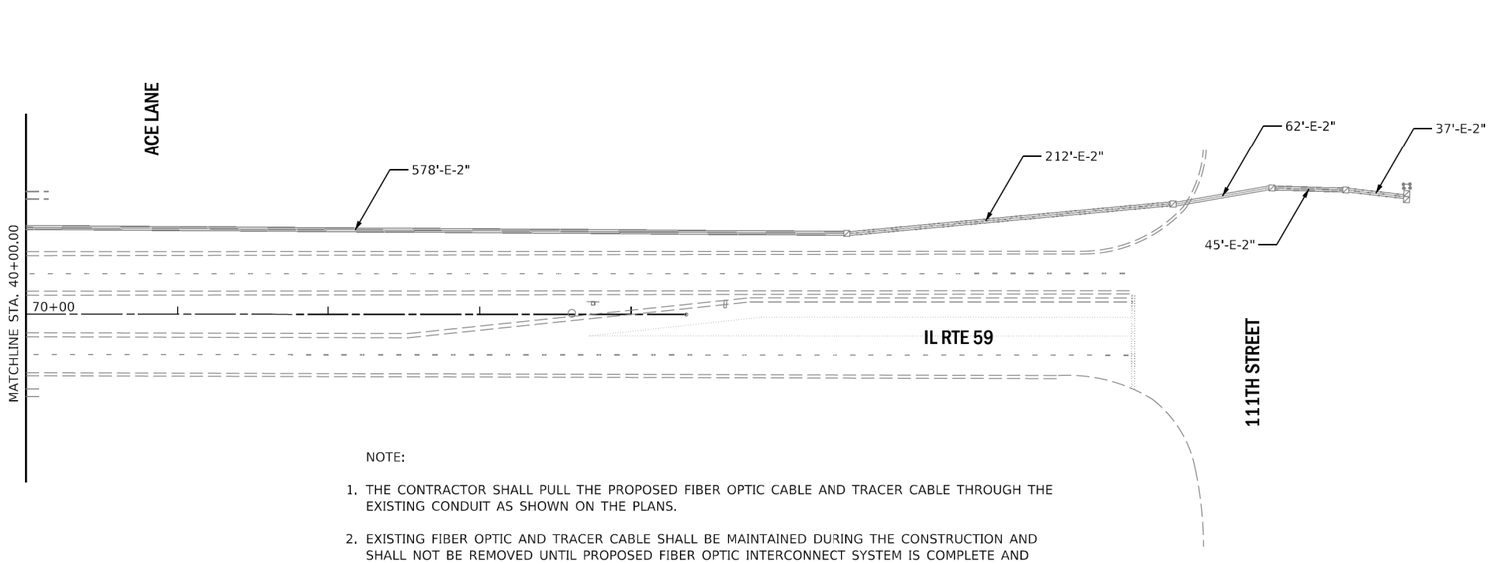
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INTERCONNECT PLAN
IL 59 AT CHAMPION RD

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 27+50.00 TO STA. 55+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	64
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		





NOTE:

1. THE CONTRACTOR SHALL PULL THE PROPOSED FIBER OPTIC CABLE AND TRACER CABLE THROUGH THE EXISTING CONDUIT AS SHOWN ON THE PLANS.
2. EXISTING FIBER OPTIC AND TRACER CABLE SHALL BE MAINTAINED DURING THE CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL PROPOSED FIBER OPTIC INTERCONNECT SYSTEM IS COMPLETE AND FULLY OPERATIONAL.
3. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING FIBER OPTIC CABLE AND WILL BE REQUIRED TO REPLACE ANY DAMAGED CABLE AT NO ADDITIONAL COST TO THE CONTRACTOR.

ECON 133

TS SHT NO. 6

FILE NAME = W:\Projects\2018\180124 PTB187\cadd\Civil\Dgn\W028Sht1D162K28-int_02.dgn

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

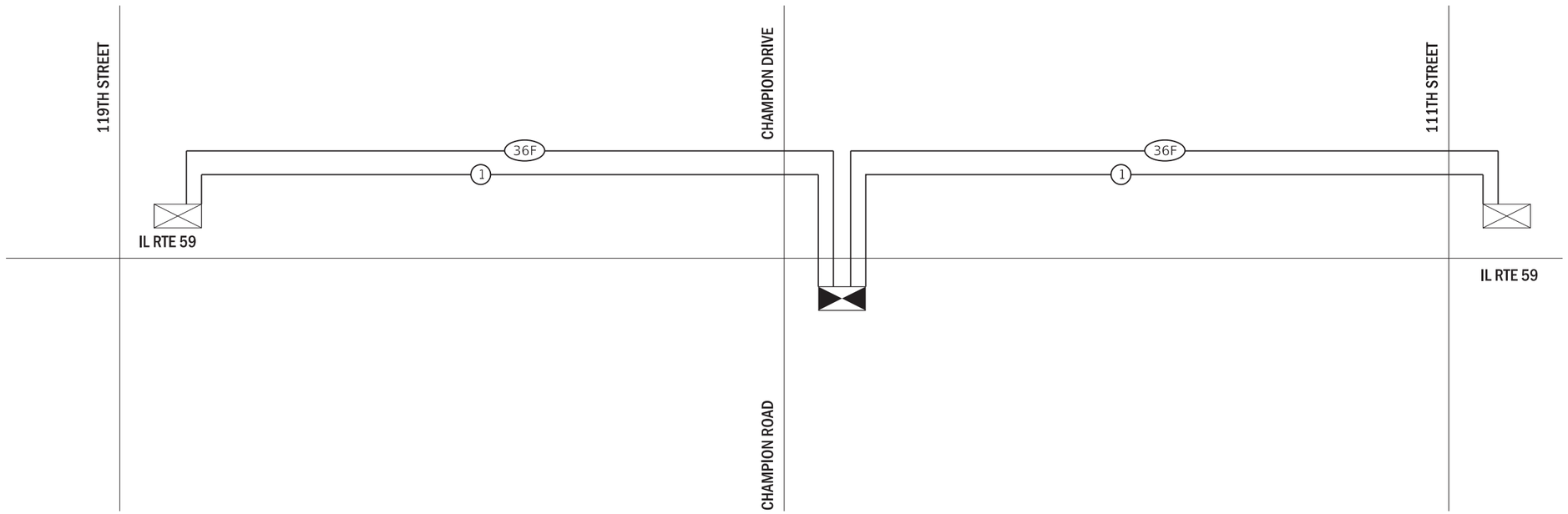
USER NAME = rsikes	DESIGNED - RMS	REVISED -
	DRAWN - RMS	REVISED -
PLOT SCALE = 1:100	CHECKED - YOO	REVISED -
PLOT DATE = 5/20/2020	DATE - 05/22/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INTERCONNECT PLAN
IL 59 AT CHAMPION RD

SCALE: AS SHOWN | SHEET 2 OF 2 SHEETS | STA. 55+00.00 TO STA. 74+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	65
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	



SCHEDULE OF QUANTITIES

	ITEM	UNIT	TOTAL QUANTITY
	MOBILIZATION	L SUM	1
	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	783
	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
	TRANSCEIVER - FIBER OPTIC	EACH	1
	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5578
	DRILL EXISTING HANDHOLE	EACH	2
	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1186
	REBUILD EXISTING HANDHOLE	EACH	3
	REMOVE EXISTING HANDHOLE	EACH	1
*	ROD AND CLEAN EXISTING CONDUIT	FOOT	8220
	ABANDON CONDUIT IN PLACE	EACH	2
	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	5578
	CONSTRUCTION LAYOUT	L SUM	1
	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER.

ECON 133

TS SHT NO. 7

FILE NAME = W:\Projects\2018\189124 PTB187\cadd\CMIDgn\W0208Sht1D162K28-hi_03.dgn

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = rsikes	DESIGNED - RMS	REVISED -	
	DRAWN - RMS	REVISED -	
PLOT SCALE = 1:100	CHECKED - YOO	REVISED -	
PLOT DATE = 6/30/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INTERCONNECT SCHEMATIC
IL 59 AT CHAMPION RD

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	66
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2866

GSI Job No. 18042-C

SOIL BORING LOG

Page 1 of 1

Date 10/28/19

ROUTE IL Route 59 DESCRIPTION Signal Lights on Route 59 & Champion Dr., Plainfield, Il. LOGGED BY MM

SECTION _____ LOCATION SE 1/4, SEC. 21, TWP. T37N, RNG. R9E, 3rd PM

COUNTY Will DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. SB-001
Station _____
Offset _____
Ground Surface Elev. 660.40 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 646.9 ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
12.0" CONCRETE				
659.40				
CRUSHED STONE-dense		13		
		18		1
		15		
657.40				
SAND & GRAVEL-brown-very loose to medium dense		5		
		6		5
	-5	5		
		3		
		2		8
		3		
		2		
		1		5
	-10	2		
		3		
		3		7
		3		
647.40				
CLAY LOAM-gray-very stiff		3		
		9	3.5	17
	-15	11	P	
		6		
		12	3.5	17
		15	P	
		6		
		11	3.5	18
	-20	14	P	

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM-gray-very stiff *(continued)*		7		
		13	3.0	18
		16	P	
		7		
		10	3.4	14
	-25	15	B	
634.90				
SILTY CLAY LOAM-gray-very stiff		9		
		17	3.0	15
		22	P	
632.40				
COBBLES-very dense		50/1"		
				2
630.40	-30			
End Of Boring @ -30.0'. Boring backfilled with cuttings.				
	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2866

GSI Job No. 18042-C

SOIL BORING LOG

Page 1 of 1

Date 10/28/19

ROUTE IL Route 59 DESCRIPTION Signal Lights on Route 59 & Champion Dr., Plainfield, Il. LOGGED BY MM

SECTION _____ LOCATION SE 1/4, SEC. 21, TWP. T37N, RNG. R9E, 3rd PM

COUNTY Will DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. SB-002
Station _____
Offset _____
Ground Surface Elev. 660.30 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 636.8 ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
12.0" CONCRETE				
659.30				
CRUSHED STONE-dense		9		
		25		3
		13		
657.30				
SAND, GRAVEL & STONE-loose (Fill)		2		
		5		4
	-5	4		
654.80				
SILTY CLAY-brown & gray spotted black-stiff (Fill)		3		
		2	1.0	21
		3	P	
652.30				
CLAY LOAM-brown & gray-very stiff to hard		4		
		6	3.7	16
	-10	5	B	
		5		
		6	3.0	18
		7	P	
		5		
		9	3.8	20
	-15	13	B	
		8		
		10	5.3	19
		19	B	
becoming gray @ -18.0'		7		
		9	2.7	17
	-20	10	B	

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM-brown & gray-very stiff to hard *(continued)*		7		
		8	4.0	18
		11	B	
637.30				
CLAYEY SAND & GRAVEL-gray-medium dense		6		
		10		2
	-25	9		
634.80				
CLAY LOAM with Gravel-gray-medium dense		7		
		11		15
		11		
632.30				
SILTY CLAY LOAM-gray-very stiff		8		
		10	3.5	9
630.30	-30	11	P	
End Of Boring @ -30.0'. Boring backfilled with cuttings.				
	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Z:\PROJECTS\2018\18042-C EFK MOEN, WO 28 IL 59 AND CHAMPION DR\18042-C BORING LOGS\18042-C_LOG.GPJ 11/14/19

MODEL: Default
FILE NAME: z:\18039.28 IDOT D1 PTB 187-006 W028 IL 59 at Champion R:\DGN\Design\Prelim\Plotsheets\D162X28-sht-borings-01.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

IL 59 AT CHAMPION RD
SOIL BORING LOGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	67
		CONTRACT NO. 62K28		
		ILLINOIS FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2626

GSI Job No. 18042-C

SOIL BORING LOG

Page 1 of 1

Date 10/28/19

ROUTE IL Route 59 DESCRIPTION Signal Lights on Route 59 & Champion Dr., Plainfield, Il. LOGGED BY MM

SECTION _____ LOCATION SW 1/4, SEC. 22, TWP. T37N, RNG. R9E, 3rd PM

COUNTY Will DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. SB-003
Station _____
Offset _____
Ground Surface Elev. 660.30 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 650.8 ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL-black				
659.30				23
CLAY LOAM-brown & gray spotted black-stiff (Fill)		6		
		6	1.5	15
		4	P	
657.30				
SAND & GRAVEL-brown-very loose to medium dense (Fill)		6		
		5		5
	-5	5		
		4		
		2		5
		2		
651.30		3		
CLAY LOAM-brown-very stiff to hard ▼		2		20
	-10	3		
		3		
		5	3.8	16
		7	P	
becoming gray @ -13.0'		7		
		10	3.8	15
	-15	11	B	
		7		
		9	4.5	15
		11	P	
		5		
		7	3.0	18
	-20	8	P	

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM-brown-very stiff to hard *(continued)*		6		
		9	3.0	17
		11	P	
		5		
	-25	6	3.5	15
		10	P	
634.80				
SILTY CLAY LOAM with Gravel-gray-medium dense to very dense		8		
		10		7
		13		
		6		
		50/4"		14
630.30	-30			
End Of Boring @ -30.0'. Boring backfilled with cuttings.				
	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2626

GSI Job No. 18042-C

SOIL BORING LOG

Page 1 of 1

Date 10/28/19

ROUTE IL Route 59 DESCRIPTION Signal Lights on Route 59 & Champion Dr., Plainfield, Il. LOGGED BY MM

SECTION _____ LOCATION SW 1/4, SEC. 22, TWP. T37N, RNG. R9E, 3rd PM

COUNTY Will DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. SB-004
Station _____
Offset _____
Ground Surface Elev. 660.50 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 647.0 ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL-black				
659.50				22
CRUSHED ASPHALT & STONE-dense		28		
		23		5
		19		
657.50				
SAND & GRAVEL-brown-medium dense (Fill)		6		
		5		5
	-5	4		
655.00				
CLAY LOAM-dark brown, gray & black-very stiff (Fill)		4		
		7	3.5	26
		6	P	
		1		
		3	2.0	17
	-10	3	P	
		3		
		3	2.0	17
		5	P	
647.50				
SAND & GRAVEL-brown-very loose (Apparent Fill) ▼		1		
		2		11
	-15	1		
645.00				
CLAY LOAM-gray-very stiff		4		
		5	2.1	16
		7	B	
		5		
		12	2.0	20
	-20	18	P	

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM-gray-very stiff *(continued)*		5		
		7	2.0	19
		9	P	
		6		
		9	2.6	16
	-25	13	B	
635.00				
SILTY LOAM-gray-medium dense		11		
		12		20
		12		
		9		
		8		12
	-30	6		
630.50				
End Of Boring @ -30.0'. Boring backfilled with cuttings.				
	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Z:\PROJECTS\2018\18042-C EFK MOEN, WO 28 IL 59 AND CHAMPION DR\18042-C BORING LOGS\18042-C_LOG.GPJ 11/14/19

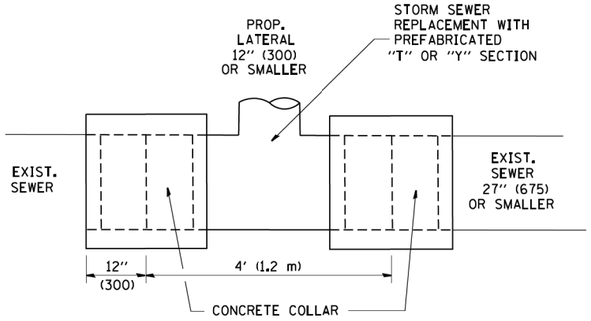
MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plots\sheets\D162K28-sht-borings-02.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

IL 59 AT CHAMPION RD
SOIL BORING LOGS

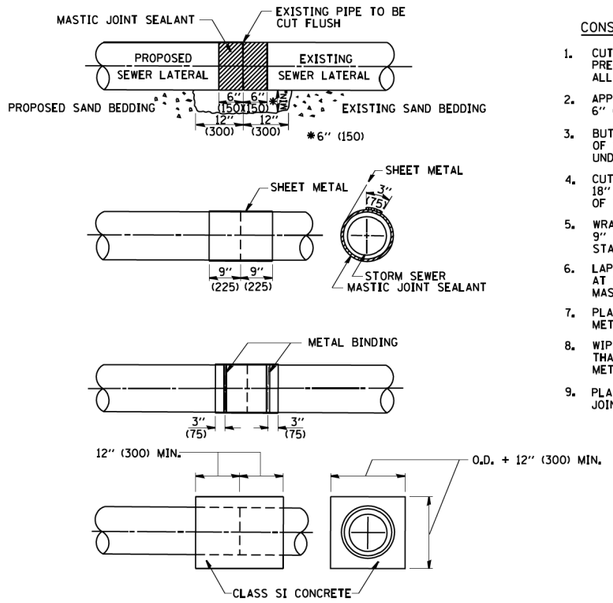
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	68
		CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			



DETAIL "A"

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

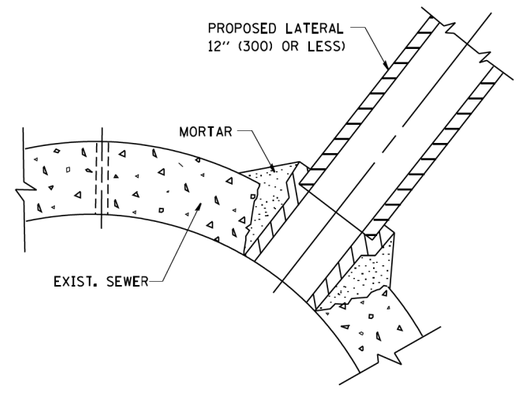


DETAIL "B"

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 CIRCUMFERANCE 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 OOZES 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.

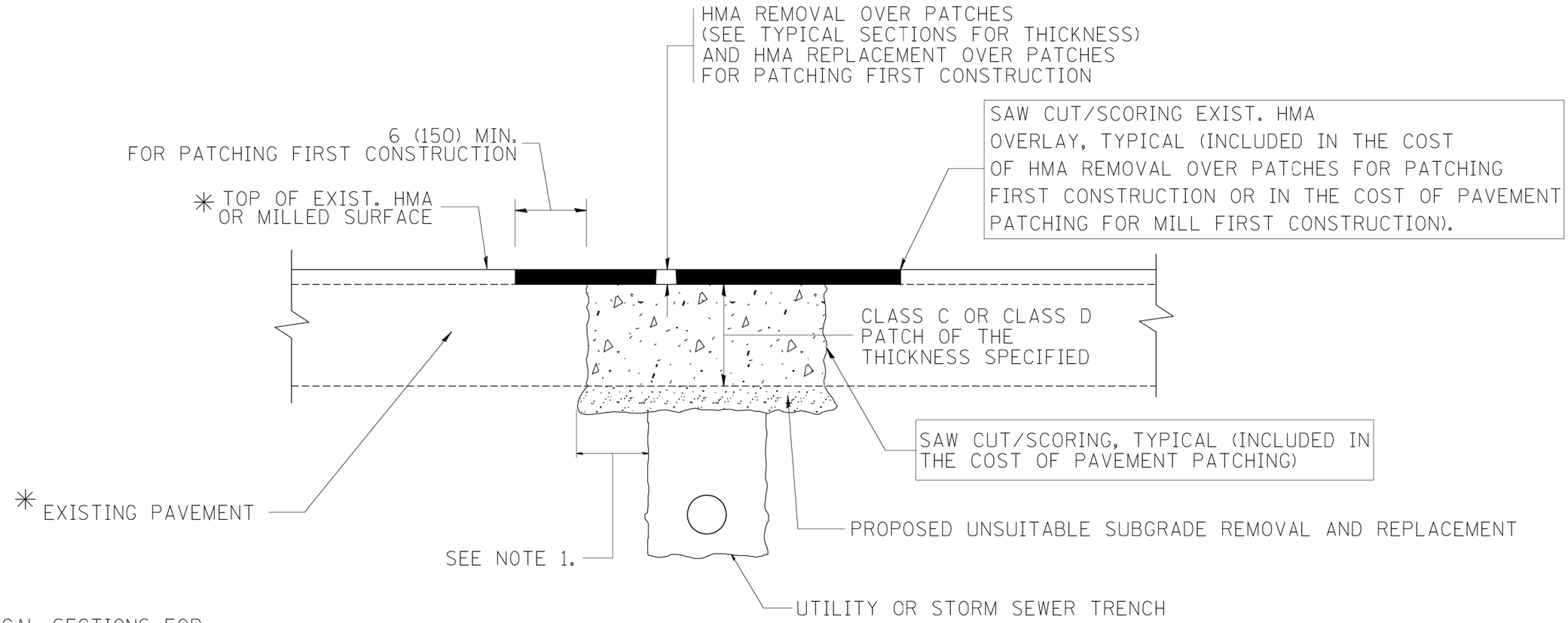
TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

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

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

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER**
		DRAWN -	REVISED - R. SHAH 09-09-94		
	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		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	69
	BD500-01 (BD-7)	CONTRACT NO. 62K28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



✳ SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

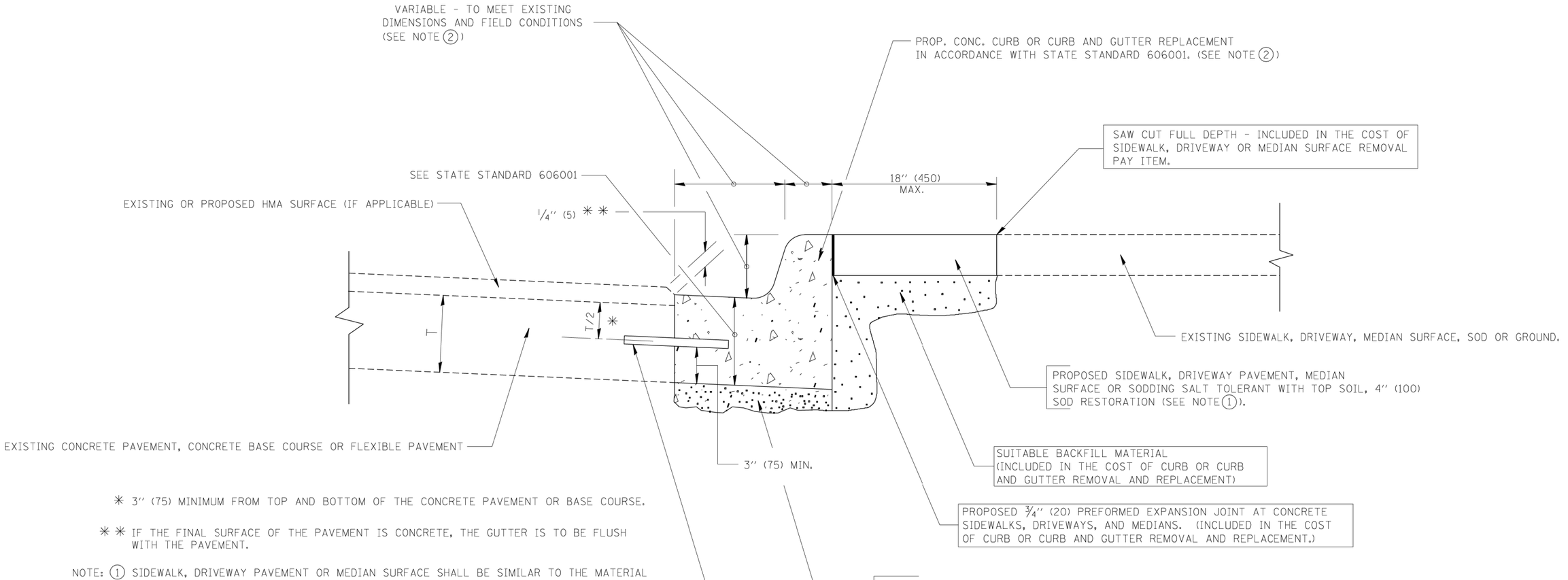
FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	70
	BD400-04 (BD-22)	CONTRACT NO. 62K28		
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.

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

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

(2) FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

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

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

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

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

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

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

BASIS OF PAYMENT:

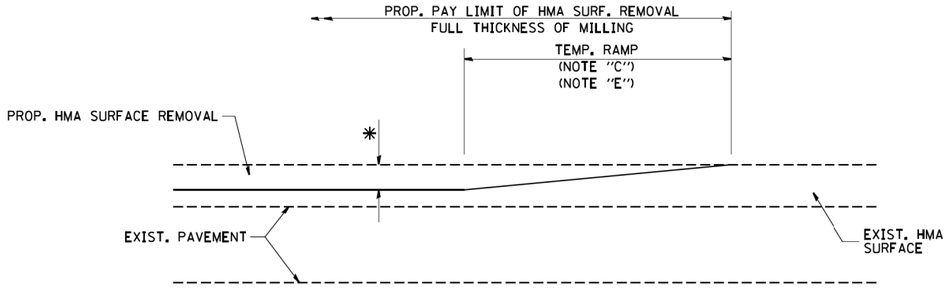
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CJRB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME = c:\pw_work\pwidot\drivakosgn\d0108315\bd24.dgn	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT**
	PLOT SCALE = 50.000 ' / IN.	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.
	PLOT DATE = 12/15/2009	CHECKED -	REVISED - M. GOMEZ 01-22-01		
		DATE - 03-11-94	REVISED - R. BORO 12-15-09		

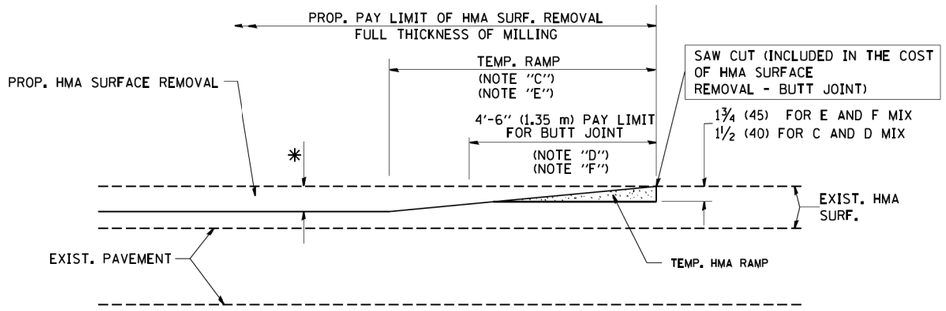
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	71
	BD600-06 (BD-24)	CONTRACT NO. 62K28		
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

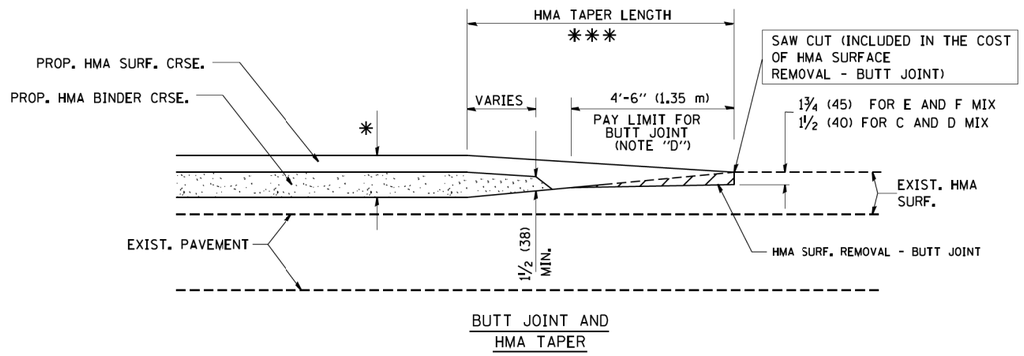


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

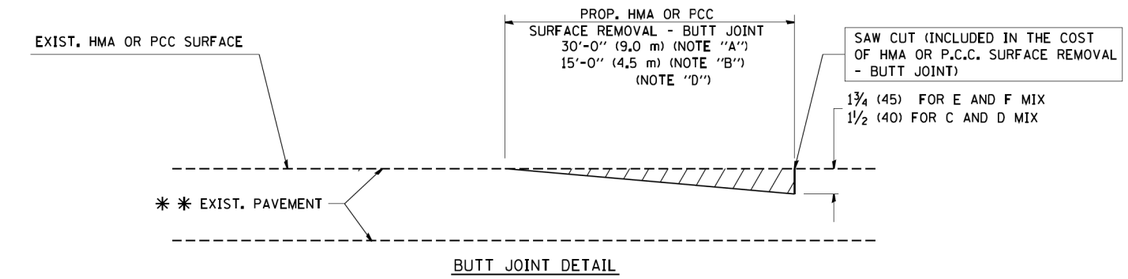
OPTION 2

TYPICAL TEMPORARY RAMP

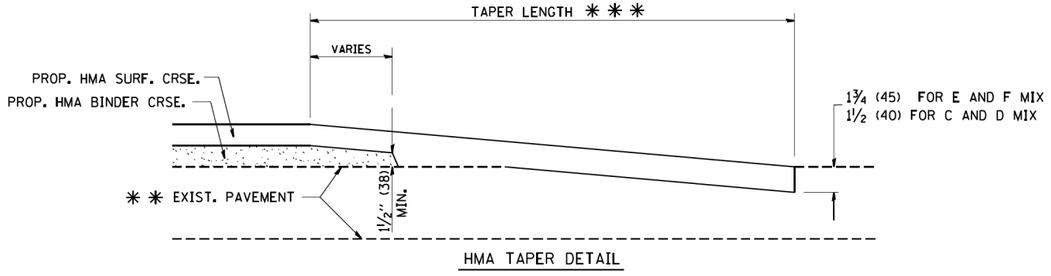


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



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.

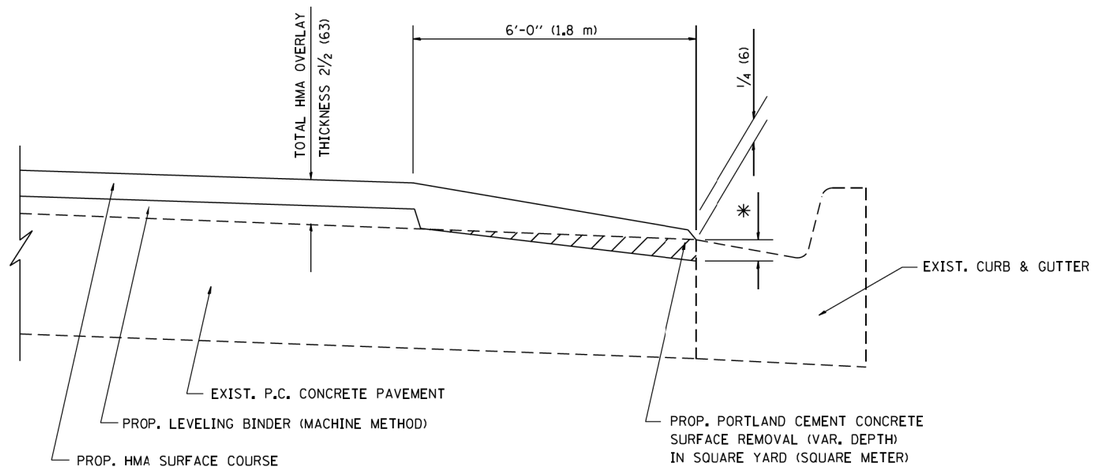
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	72
	BD400-05 BD32	CONTRACT NO. 62K28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



HMA TAPER AT EDGE OF P.C.C PAVEMENT

HMA SURFACE		LEVELING BINDER	
MIX	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1½ (38)	1 (25)	1¼ (33)
E	1¾ (44)	¾ (19)	1½ (38)

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

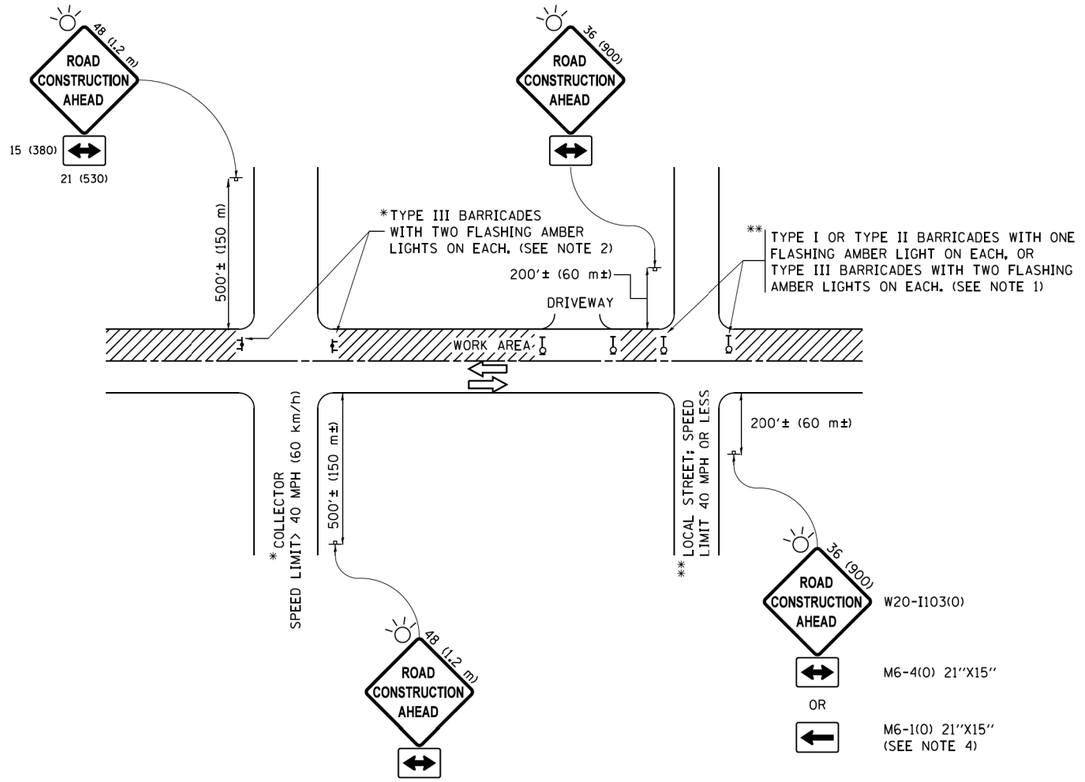
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStds\DRAWN\CADData\CADSheets\bd33.dgn	USER NAME = leysa	DESIGNED - R. SHAH	REVISED - A. ABBAS 05-05-9
		DRAWN -	REVISED - E. GOMEZ 12-21-00
	PLOT SCALE = 100.0000 ' / in.	CHECKED - A. ABBAS	REVISED - R. BORO 01-01-07
Default	PLOT DATE = 7/7/2016	DATE - 09-10-94	REVISED - JP CHANG 07-08-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT EDGE OF P.C.C. PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	73
	BD400-06 (BD33)	CONTRACT NO. 62K28		
	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.

MODEL: Default
FILE NAME: z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Chamolon Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-d1details.dgn

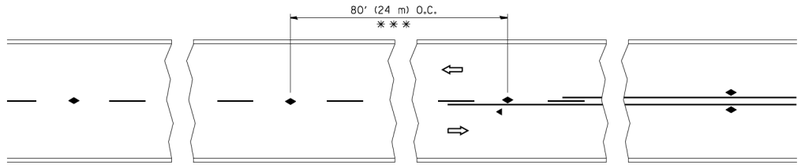
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\DRAWN\CADData\CADsheets\tc10.dgn	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
		DRAWN	REVISED -T. RAMMACHER 01-06-00
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

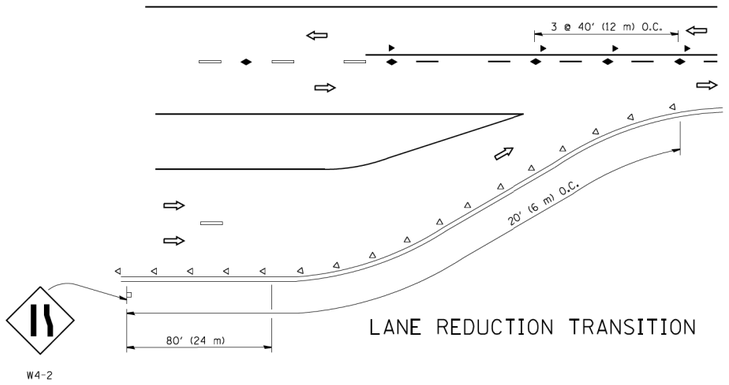
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	74
	TC-10	CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

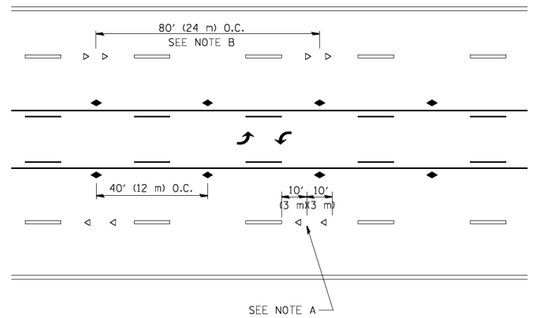


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

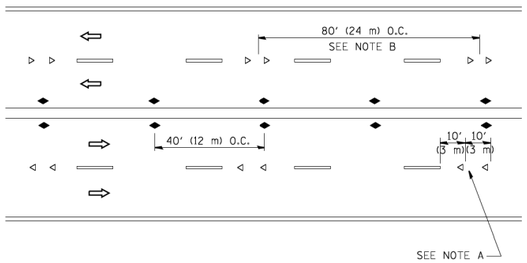
TWO-LANE/TWO-WAY



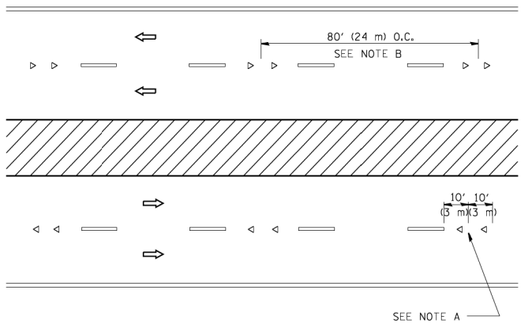
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

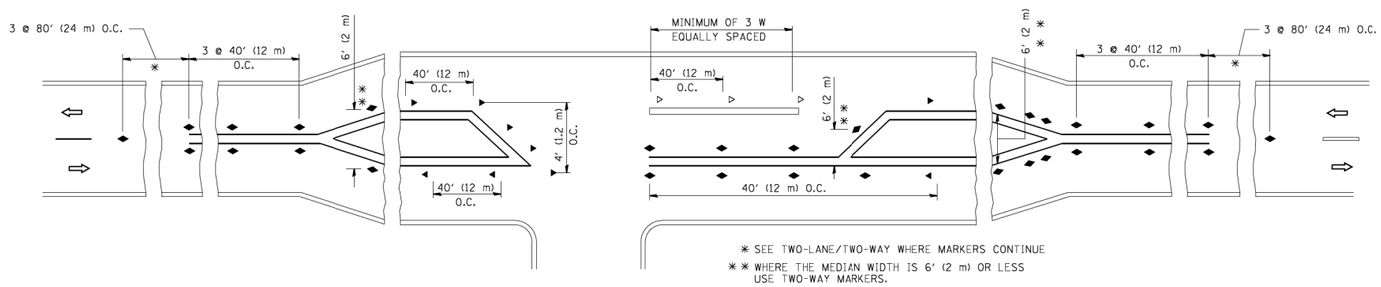
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plots\sheets\D162K28-sht-d1detail1.dgn

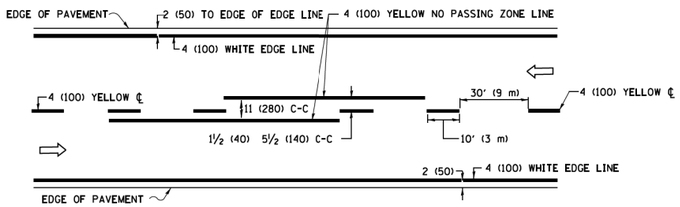
FILE NAME = c:\pw_work\pwidot\leysa\d0108315\tell.dgn	USER NAME = leysa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

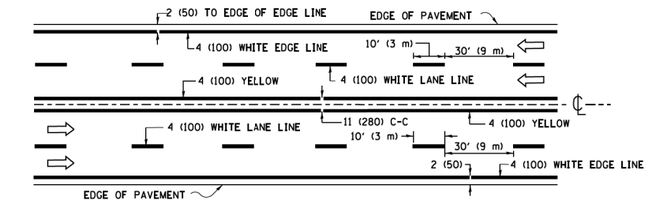
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

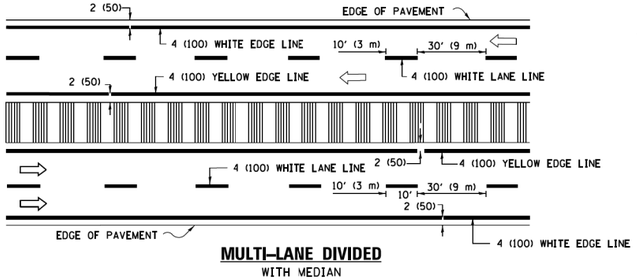
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	75
	TC-11	CONTRACT NO. 62K28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2–LANE ROADWAY

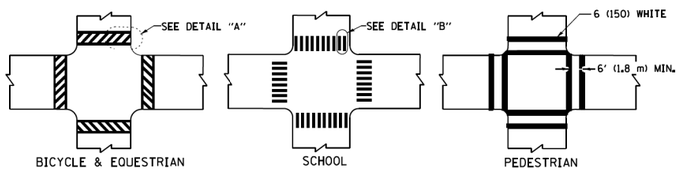


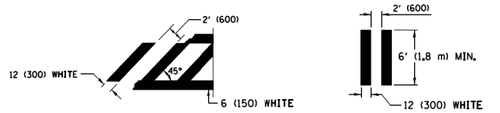
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

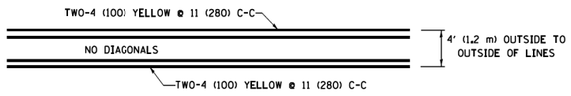




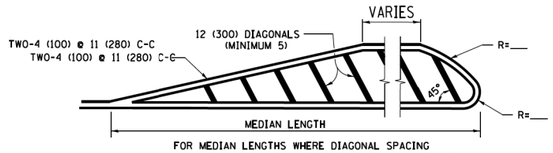
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



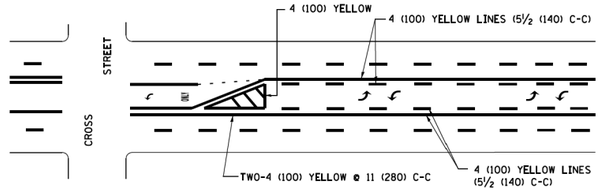
4' (1.2 m) WIDE MEDIANS ONLY



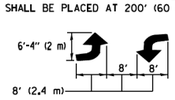
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

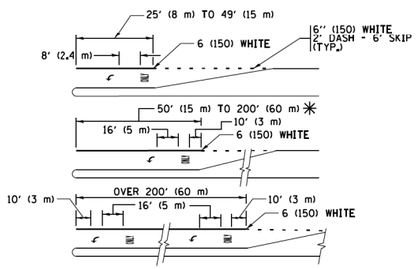


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

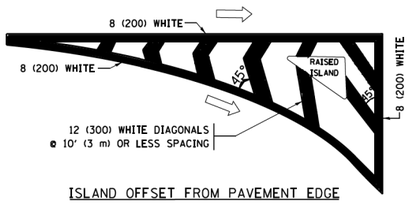


FULL SIZE LETTERS 8' (2,4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1,5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1,9 m^2)

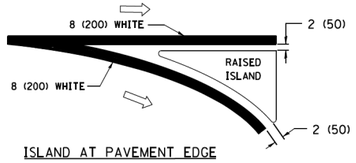
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

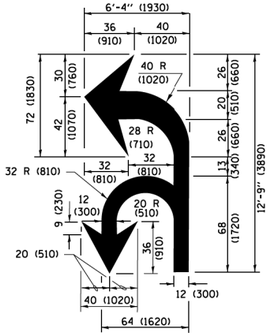


ISLAND OFFSET FROM PAVEMENT EDGE

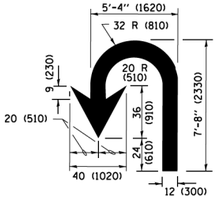


ISLAND AT PAVEMENT EDGE

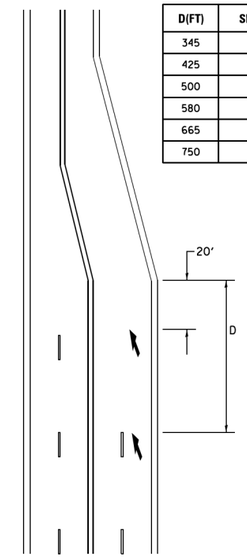
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



LANE REDUCTION TRANSITION

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

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

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 ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 ⊘ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (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; 5½ (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.

MODEL: Default
FILE NAME: z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162x28-sht-d1details.dgn

FILE NAME = W:\diststd\22x34\tcl3.dgn	USER NAME = leysa	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**
		DRAWN -	REVISED - C. JUCIUS 07-01-13		
Default	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.
	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	76
	TC-13	CONTRACT NO. 62K28		
	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

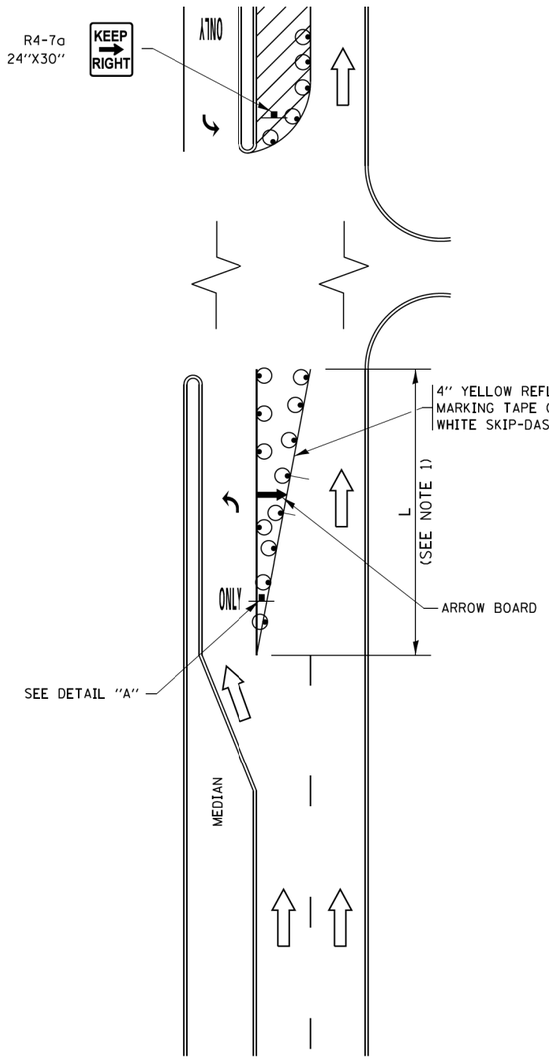


FIGURE 1

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 ≤ 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-I10OR 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 PREQUIREMENTS.

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.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

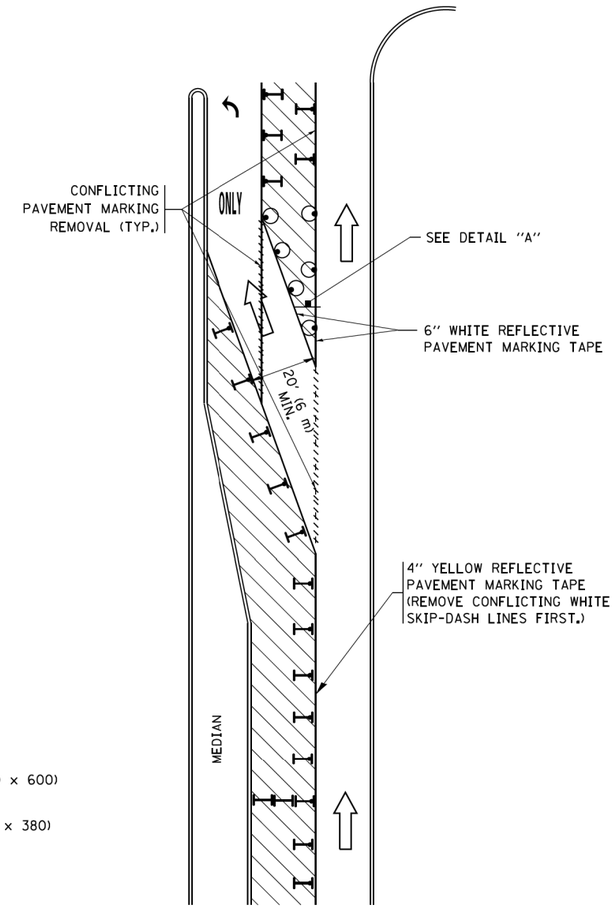
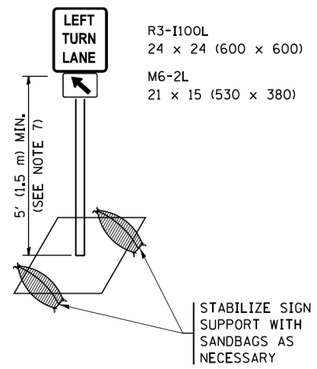


FIGURE 2

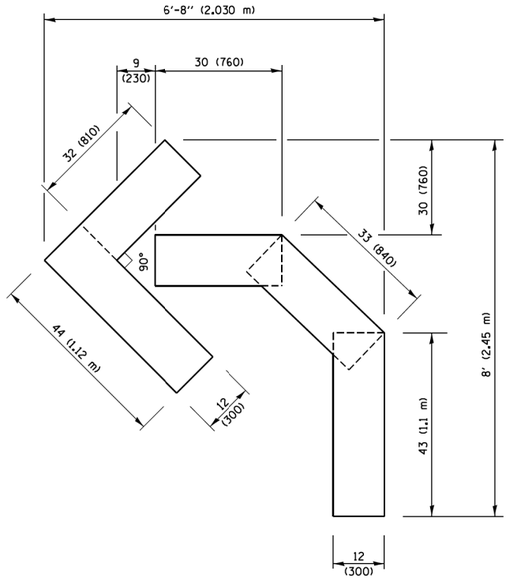


DETAIL A

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

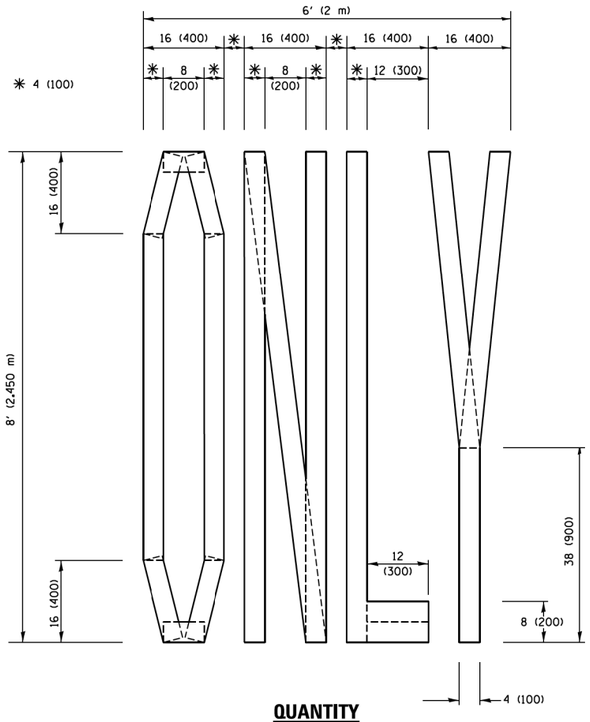
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Distr...ADData\CAD\HOUSEH\41507-95	USER NAME = footemj	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13			338	2019-147-TS&WS	WILL	94	77
Default	PLOT SCALE = 50.0000 ' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16				TC-14	CONTRACT NO. 62K28		
	PLOT DATE = 9/15/2016	REVISED -T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-c1detail6.dgn



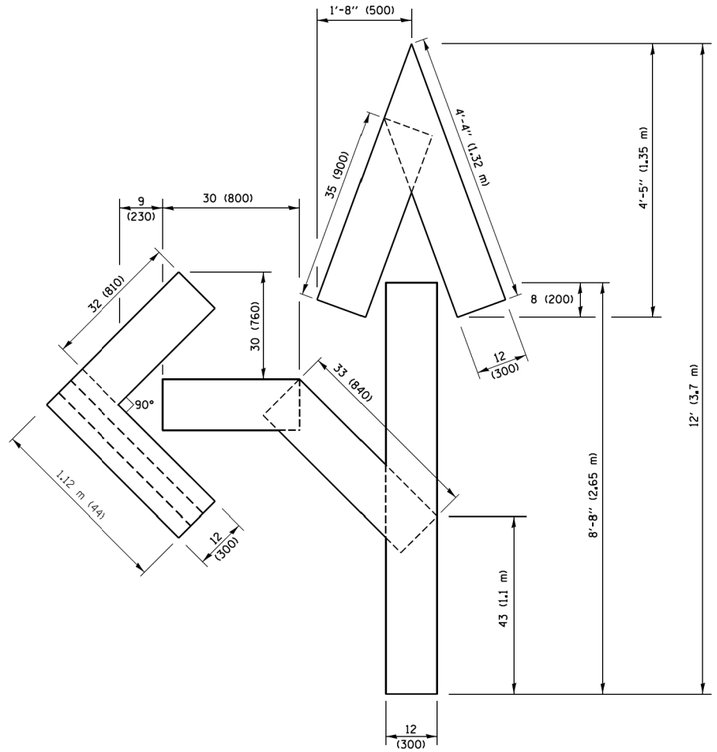
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

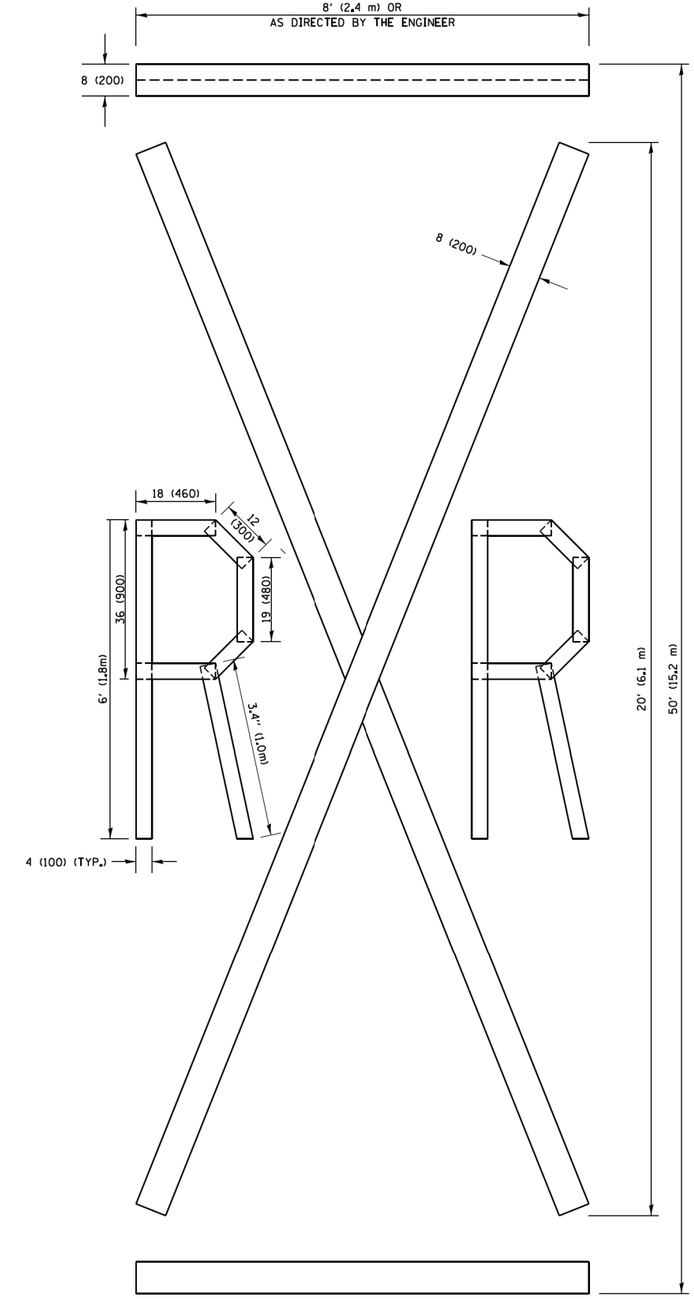


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

FILE NAME = pw\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\CADData\CADsheets\tc16.dgn	USER NAME = footemj	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
		DRAWN	REVISED -E. GOMEZ 08-28-00
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -E. GOMEZ 08-28-00
	PLOT DATE = 9/15/2016	DATE - 09-18-94	REVISED -A. SCHUETZE 09-15-16

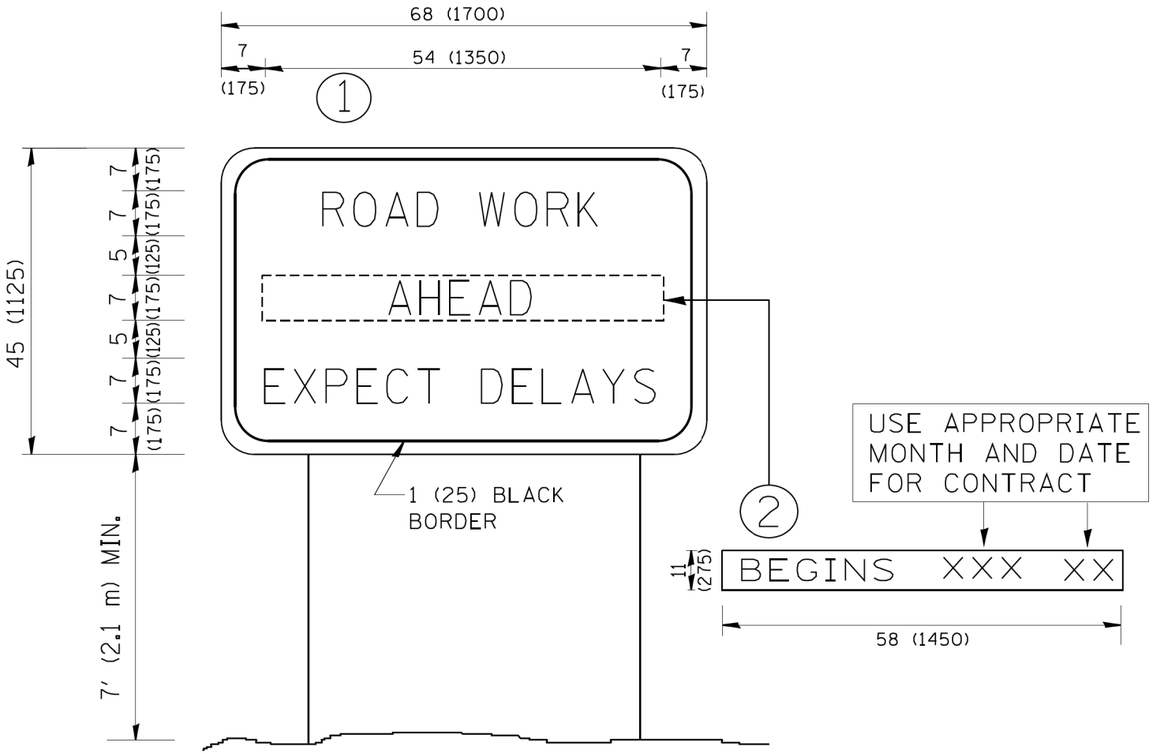
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	78
	TC-16	CONTRACT NO. 62K28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

tc16.dgn 9/15/2016 12:45:20 PM User:footemj



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.

MODEL: Default
FILE NAME: Z:\80039-28 IDOT D1 PTB 187-006 W028 IL 59 at Champlain Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-d1detail.dgn

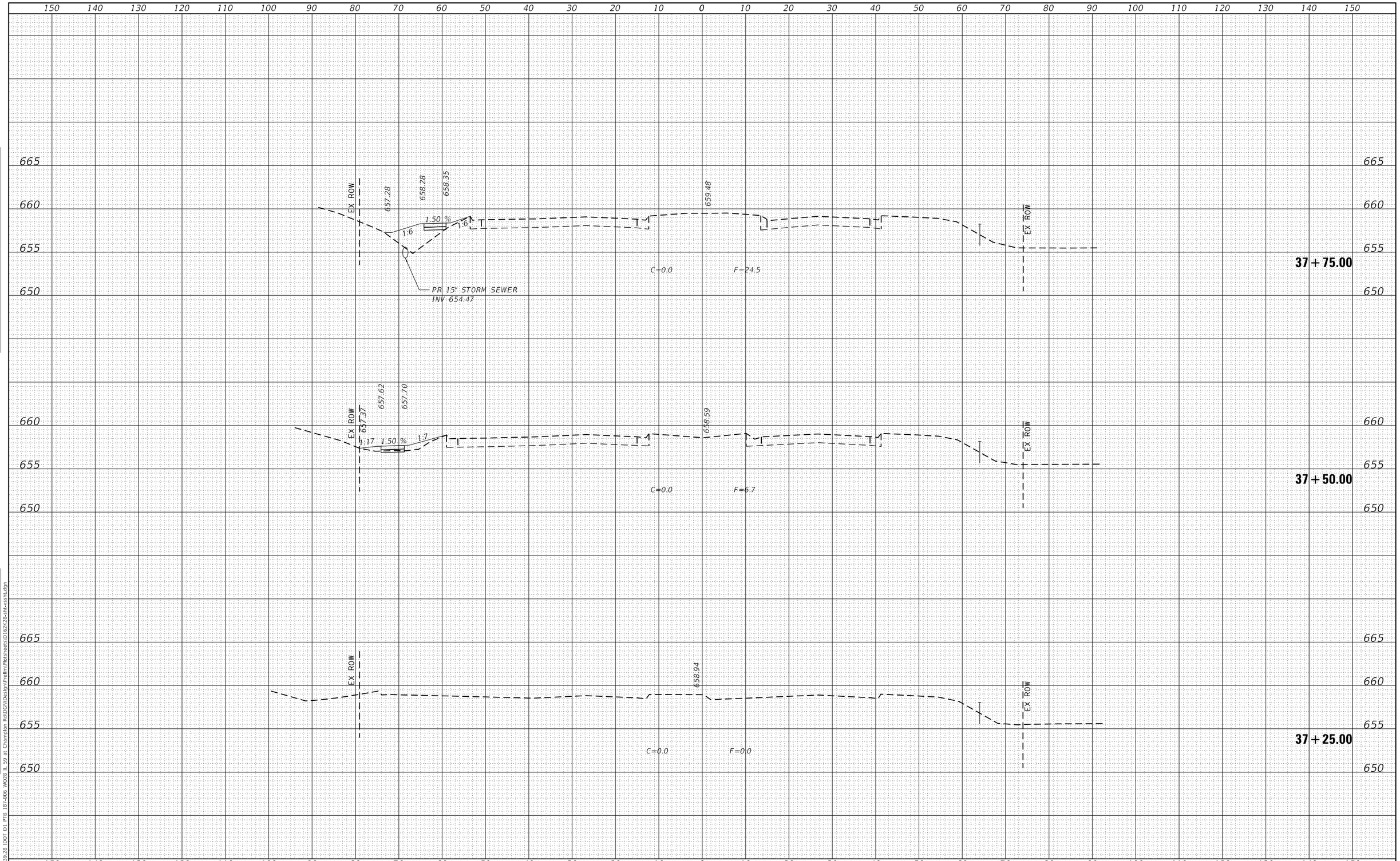
FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	79
	TC-22	CONTRACT NO. 62K28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



USER NAME = RGall	DESIGNED - RG	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JB, CS, SH	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	**IL ROUTE 59**
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	**CROSS SECTIONS**

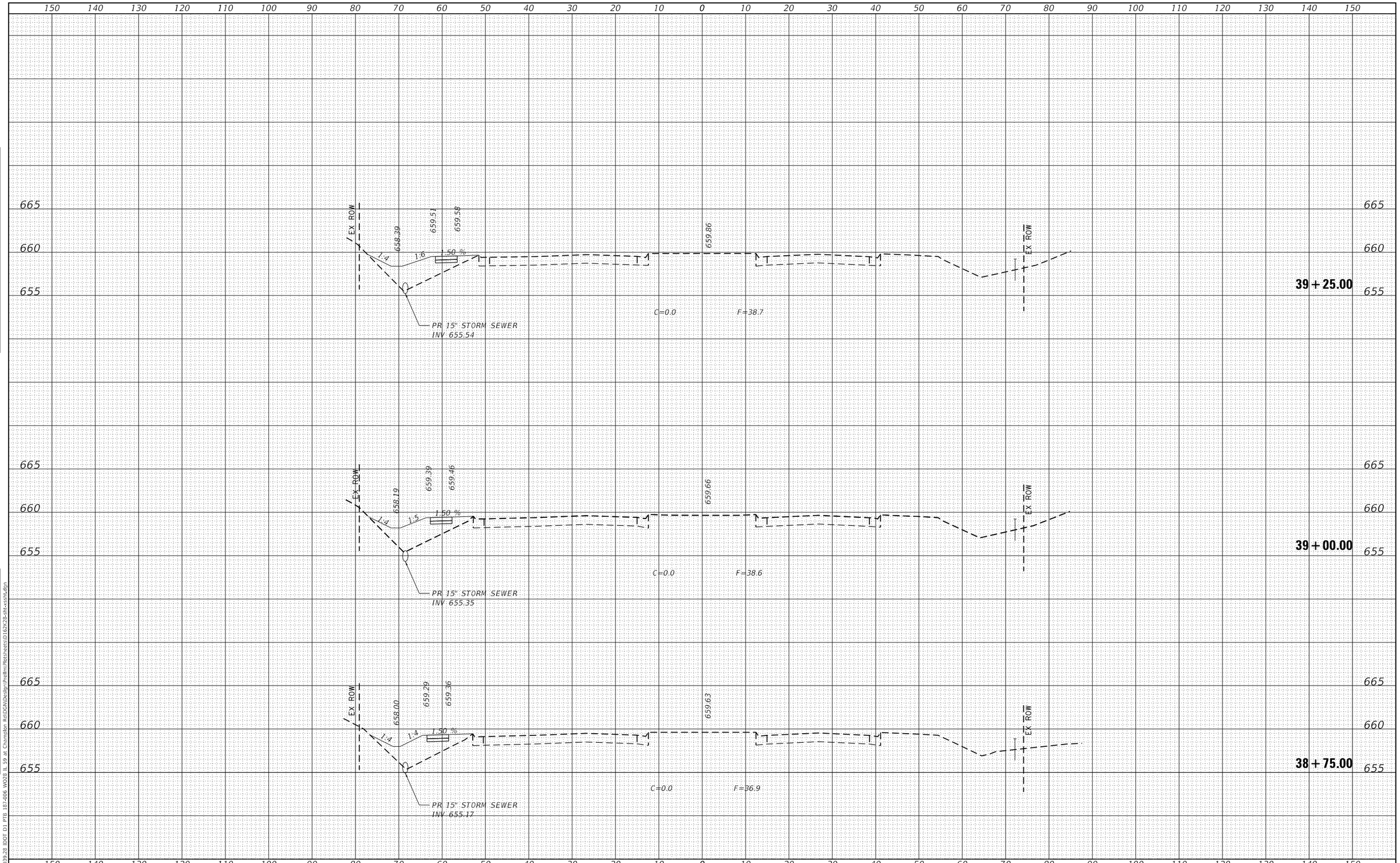
SCALE: | SHEET OF SHEETS | STA. 37+25.00 | TO STA. 37+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	80
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY | ORIGINAL SURVEY

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

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plots\sheets\D162k28-shts-ssshts.dgn



FINAL SURVEY

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

ORIGINAL SURVEY

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champlain Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xssht.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 38+75.00 | TO STA. 39+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	81
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

665 660 655 650

EX. ROW
657.80
659.19
659.27
1:4
1:4
1.50 %
659.52
C=0.0
F=31.9
PR 15" STORM SEWER
INV 654.98
EX ROW
38 + 50.00

EX. ROW
657.61
659.10
659.17
1:4
1:4
1.50 %
659.41
C=0.0
F=33.0
PR 15" STORM SEWER
INV 654.80
EX ROW
38 + 25.00

EX. ROW
657.41
658.66
658.74
1:4
1:5
1.50 % 1:12
659.20
C=0.0
F=26.7
PR 15" STORM SEWER
INV 654.62
EX ROW
38 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-406 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-alt-xssht.dgn

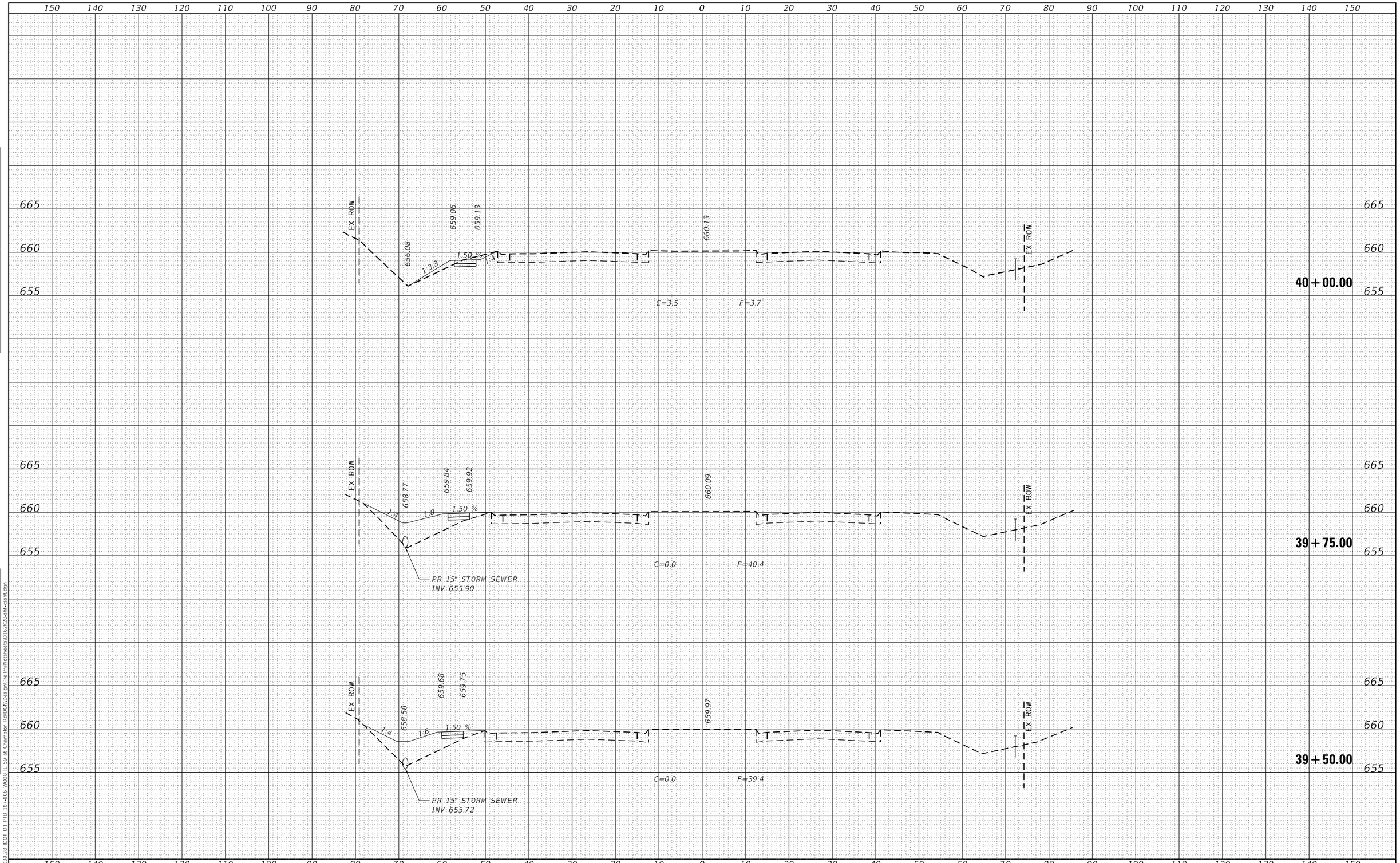
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 38+00.00 | TO STA. 38+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	82
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

ORIGINAL SURVEY

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champlain Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xssht.dgn

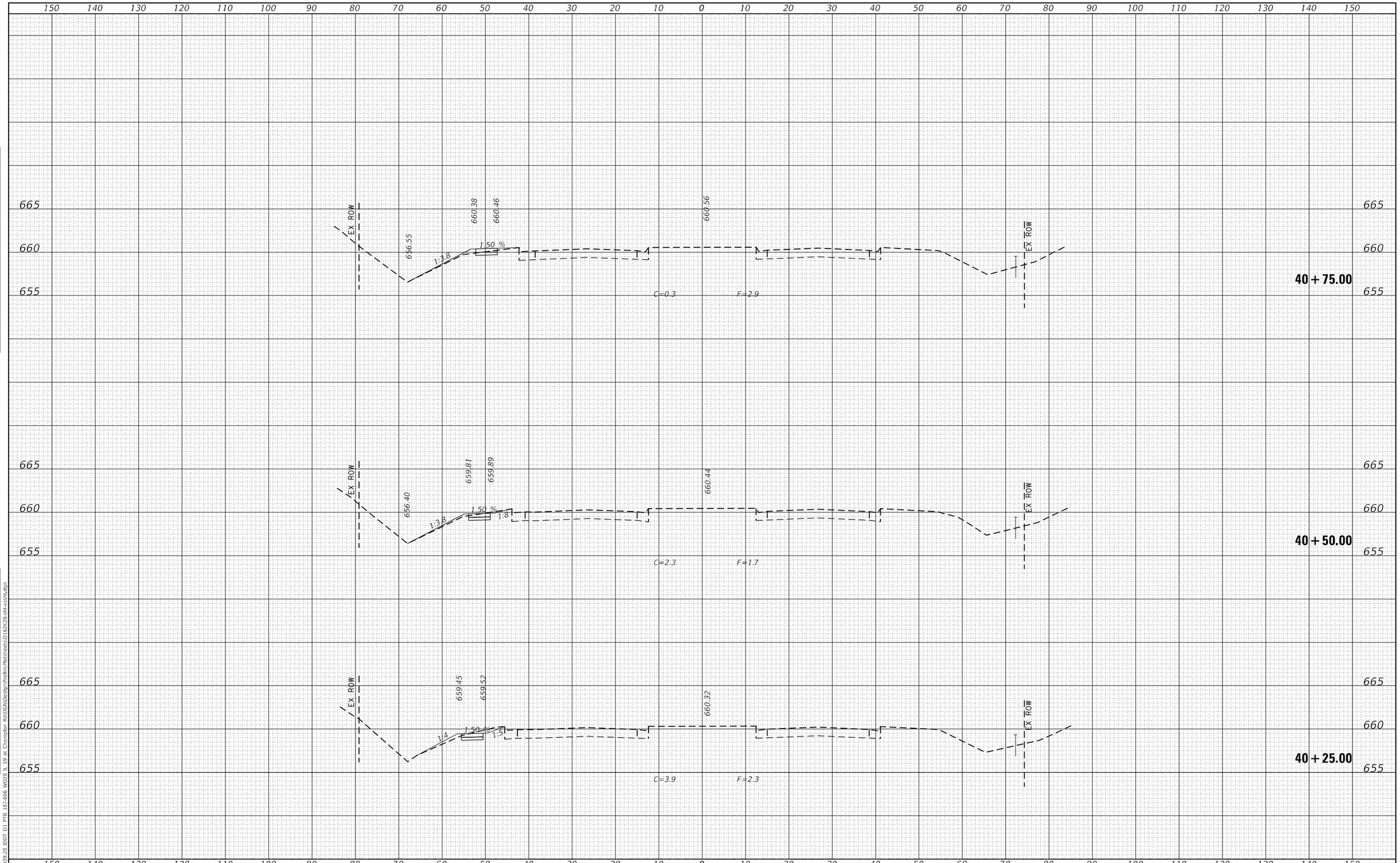
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 39+50.00 | TO STA. 40+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	83
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



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

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W02\8 IL 59 at Champlain Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xssht.dgn

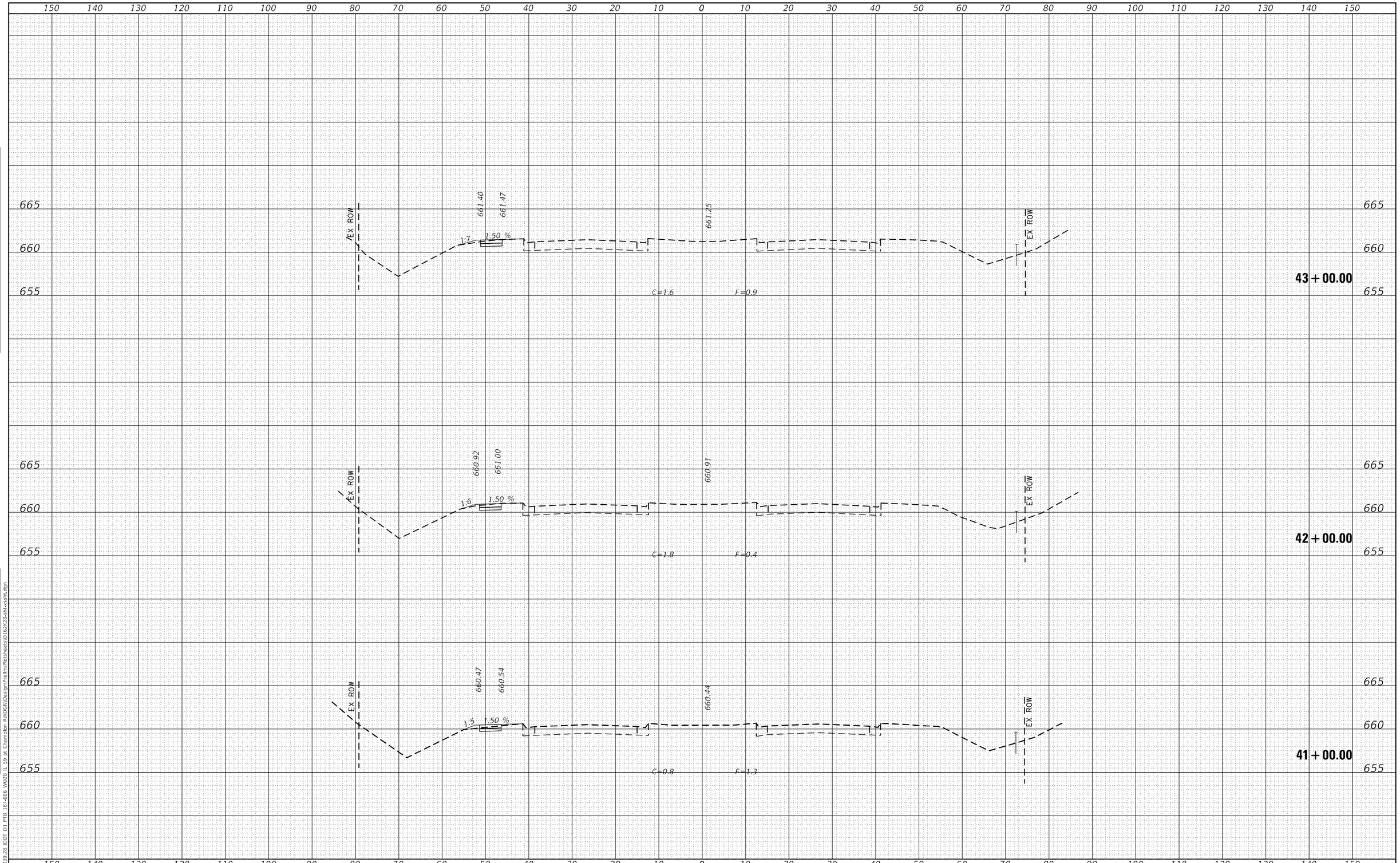
USER NAME = RGall	DESIGNED - RG	REVISED -
	DRAWN - JB, CS, SH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 40+25.00 | TO STA. 40+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	84
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

ORIGINAL SURVEY

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champlain Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xssht.dgn

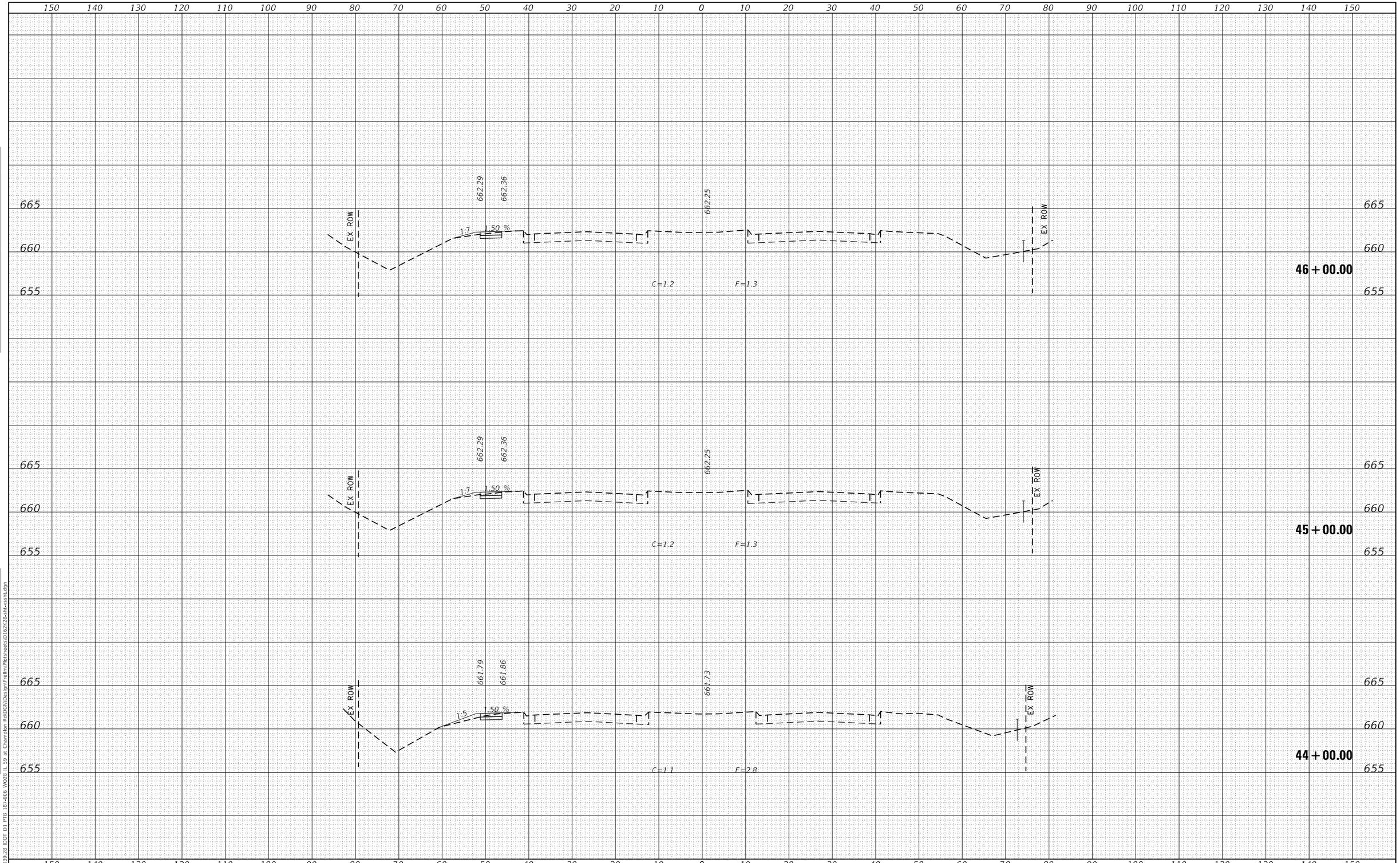
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 41+00.00 | TO STA. 43+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	85
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



USER NAME = RGall	DESIGNED - RG	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JB, CS, SH	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	**IL ROUTE 59**
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	**CROSS SECTIONS**

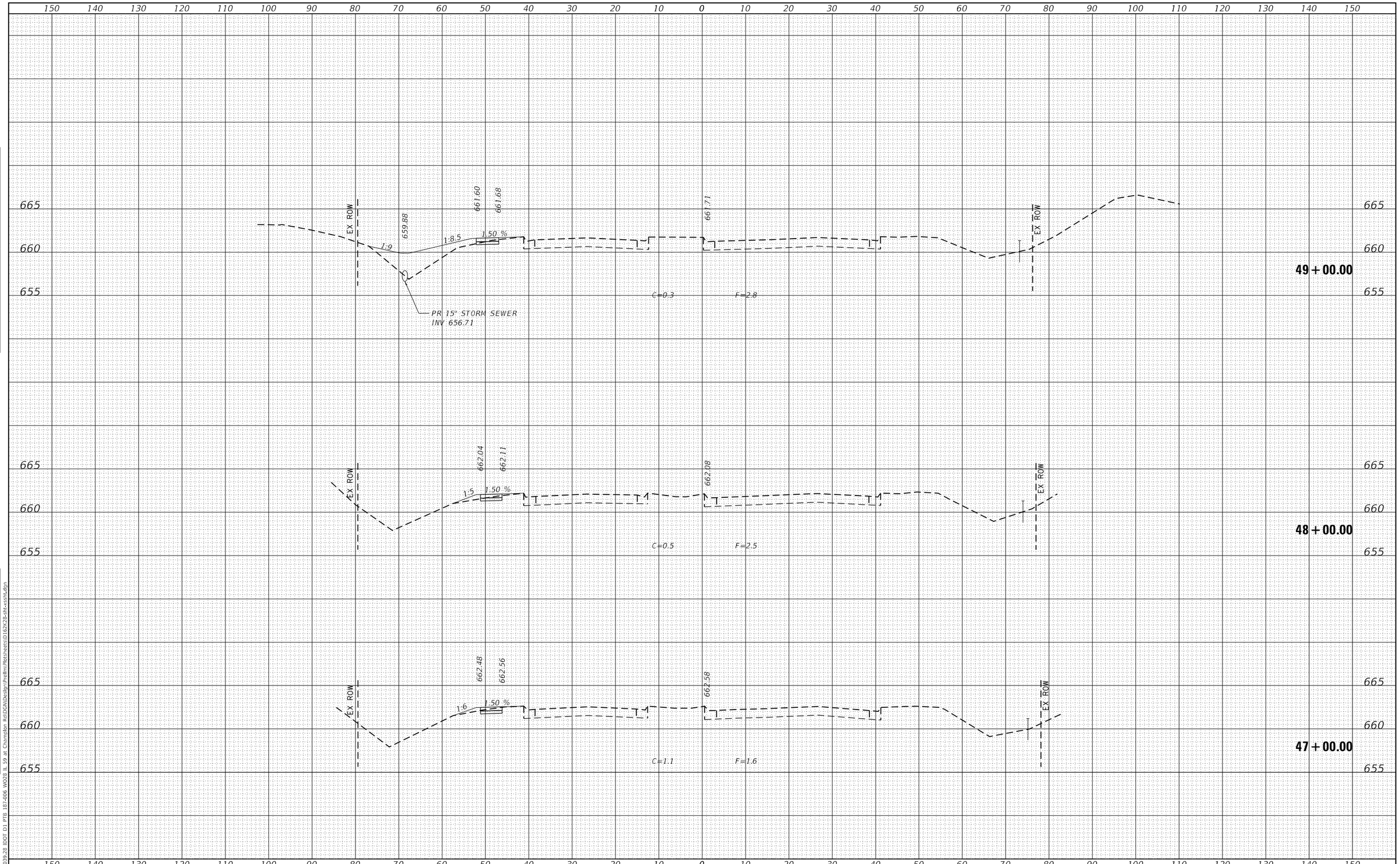
SCALE: | SHEET OF SHEETS | STA. 44+00.00 | TO STA. 46+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	86
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champlon Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xsht.dgn



USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 47+00.00 | TO STA. 49+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	87
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champlin Rd\DGN\Design\Prelim\Plotsheets\D162K28-RR-xssht.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

665
660
655

EX. ROW
660.21
660.28
660.29
1:1
1.50 %
EX. ROW
C=2.5
F=0.5

52+00.00

665
660
655

EX. ROW
666.69
660.76
660.66
1:4
656.42
1:3
1.50 %
1:8
EX. ROW
C=0.1
F=6.0

51+00.00

665
660
655

661.32
661.40
660.91
1.50 %
C=0.0
F=0.0

50+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 50+00.00 | TO STA. 52+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	88
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 W02\8 IL 59 at Champlain Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xssht.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

665
660
655

EX. ROW
658.92
659.00
658.86
1:8
1.50 %
C=1.9
F=0.4
EX. ROW
55+00.00

665
660
655

EX. ROW
659.35
659.42
659.34
1:6
1.50 %
C=2.8
F=0.3
EX. ROW
54+00.00

665
660
655

EX. ROW
659.79
659.86
659.78
1:6
1.50 %
C=1.2
F=1.8
EX. ROW
53+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 53+00.00 | TO STA. 55+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	89
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champlain Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xssht.dgn

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

665 660 655 650

EX ROW

657.55 657.63 657.65

1.50 %

C=5.6 F=0.0

58+00.00

EX ROW

658.00 658.08 658.05

1.50 %

C=2.7 F=0.0

57+00.00

EX ROW

658.46 658.54 658.40

1.50 %

C=3.5 F=0.0

56+00.00

USER NAME = RGall	DESIGNED - RG	REVISED -	**STATE OF ILLINOIS**
	DRAWN - JB, CS, SH	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	**IL ROUTE 59**
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 56+00.00 | TO STA. 58+00.00

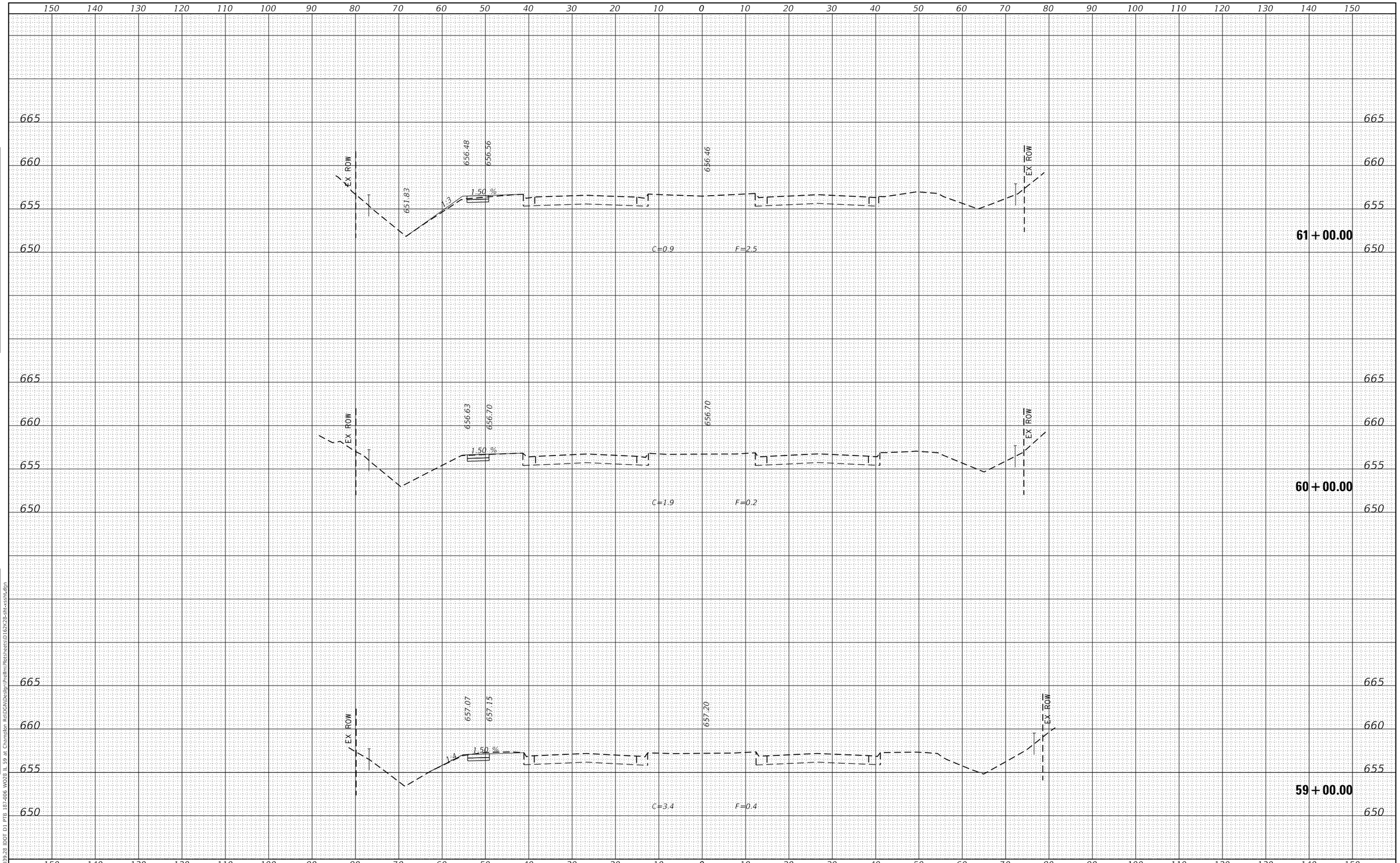
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	90
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY | ORIGINAL SURVEY

NOTE BOOK | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

NO. | BY | DATE

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plots\sheets\D162k28-sht-xssht.dgn



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

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

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-006 WO28 IL 59 at Champlon Rd\DGN\Design\Prelim\Plotsheets\D162K28-alt-xssht.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 59+00.00 | TO STA. 61+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	91
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

665 660 655 650

EX ROW

657.92

C=0.0 F=0.0

64+00.00

EX ROW

657.27 657.34

657.45

1:3 1.50 %

C=0.8 F=1.9

EX ROW

63+00.00

EX ROW

656.82 656.89

656.94

1:4 1.50 %

C=1.1 F=0.9

EX ROW

62+00.00

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

BY	DATE

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

BY	DATE

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-406 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-alt-xssht.dgn

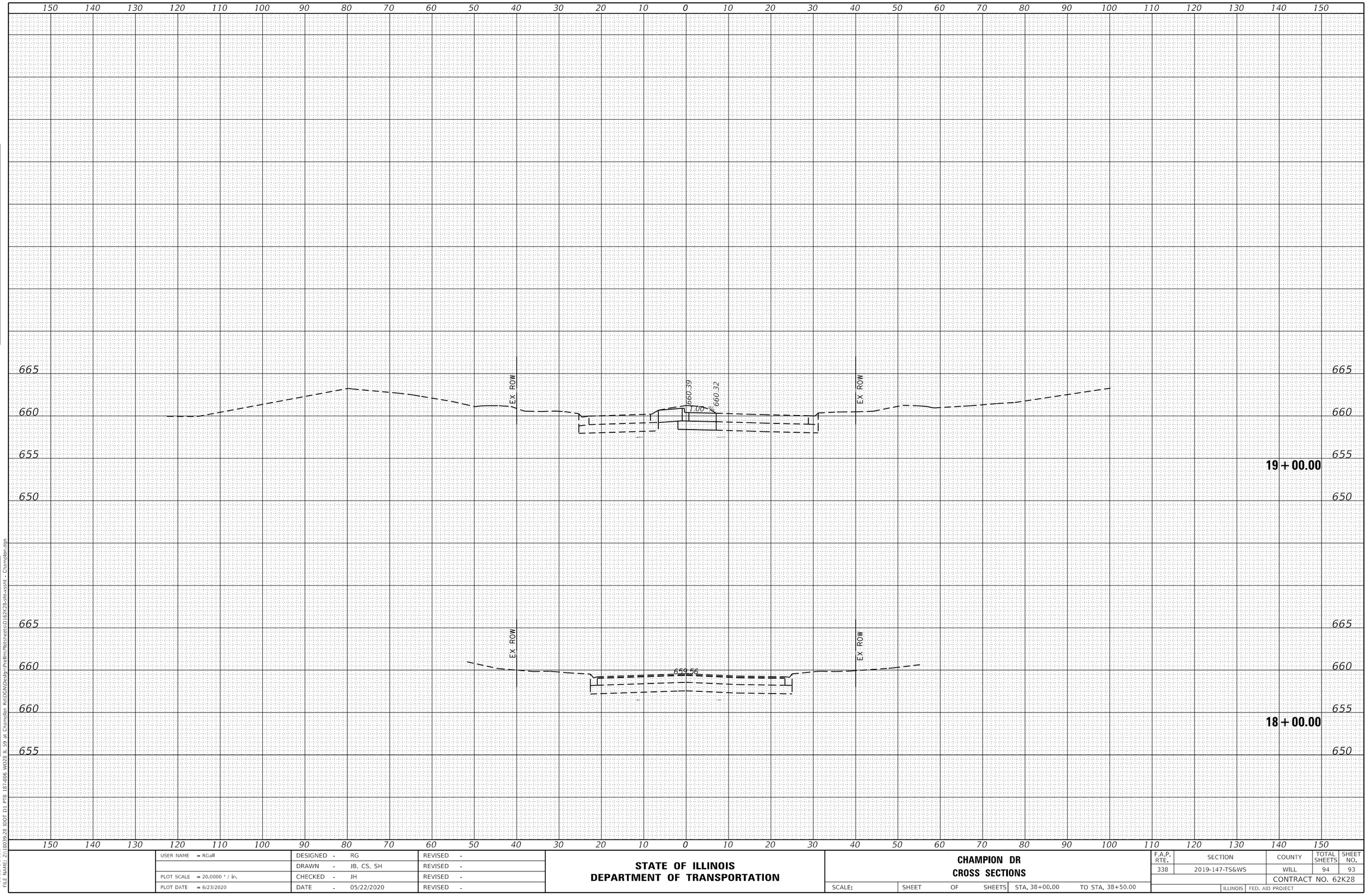
USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 62+00.00 | TO STA. 64+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	92
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		



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

BY	DATE

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

BY	DATE

MODEL: Default
FILE NAME: Z:\18039-28 IDOT D1 PTB 187-406 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-alt-xssht - Champlain.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

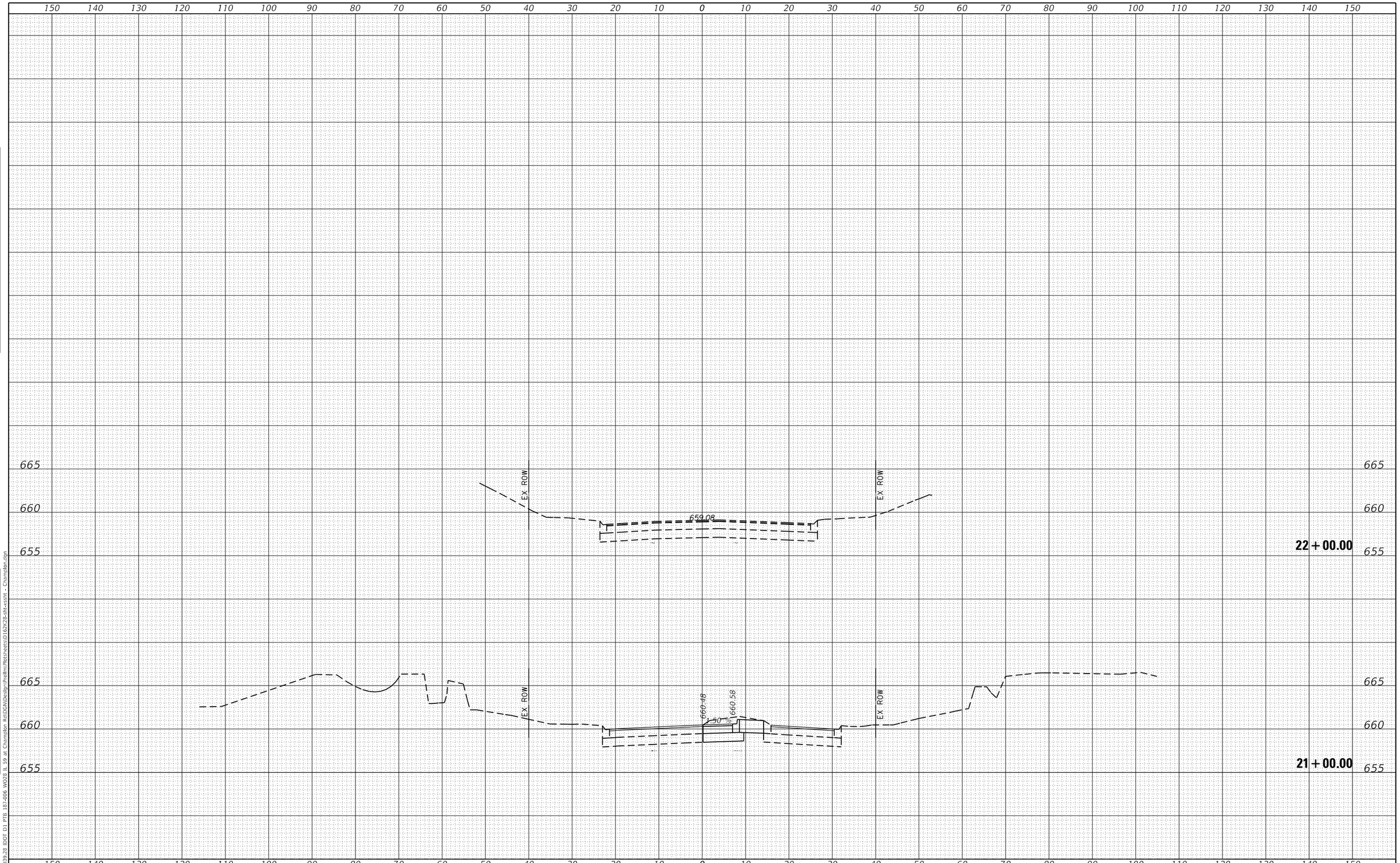
CHAMPION DR
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 38+00.00 | TO STA. 38+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	93
		CONTRACT NO. 62K28		
	ILLINOIS	FED. AID PROJECT		

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

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



MODEL: Default
FILE NAME: Z:\18039.28 IDOT D1 PTB 187-006 WO28 IL 59 at Champion Rd\DGN\Design\Prelim\Plotsheets\D162K28-sht-xssht - Champion.dgn

USER NAME = RGall	DESIGNED - RG	REVISED -	
	DRAWN - JB, CS, SH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 6/23/2020	DATE - 05/22/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHAMPION RD
CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 38+75.00 | TO STA. 39+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2019-147-TS&WS	WILL	94	94
		CONTRACT NO. 62K28		
		ILLINOIS	FED. AID PROJECT	