01X

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B,(102-1)BR)BR	PEORIA-TAZEWELL	*1360	1
	ILLINOIS	CONTRACT NO. 68B46		

* 1361 + 2 = 1363 TOTAL SHEETS

2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

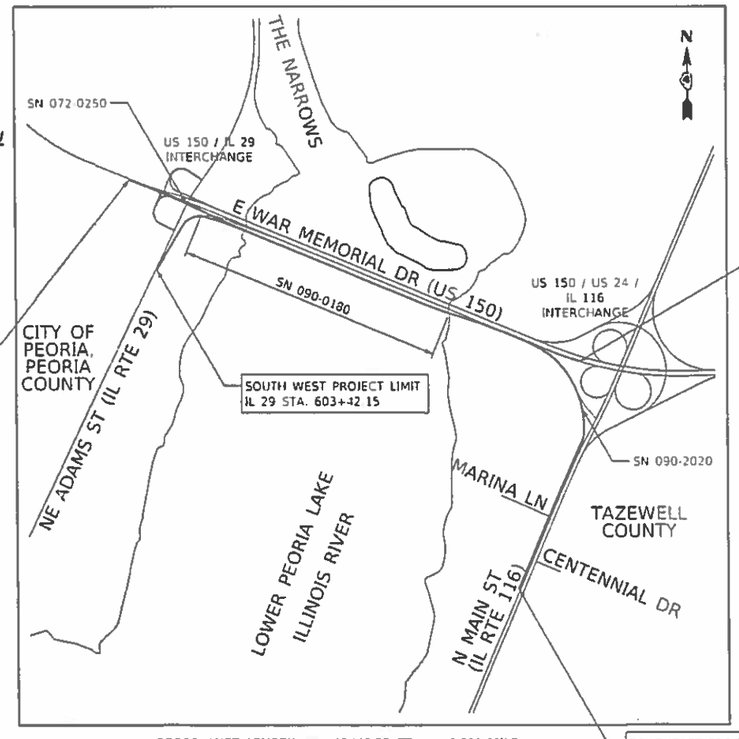
VOLUME 1 OF 5

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FAP ROUTE 317 AND FAP ROUTE 673 (EASTBOUND US 150 AND SOUTHBOUND IL 116)
SECTION (15B;[(102–1),(14HB)]BR)BR
PROJECT NHPP–YRP3(905)
BRIDGE REPLACEMENT OVER ILLINOIS RIVER AND INTERCHANGE IMPROVEMENTS
PEORIA & TAZEWELL COUNTY

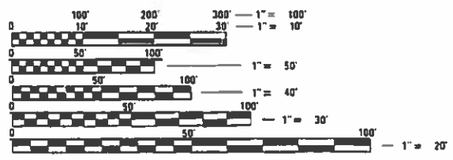
D–94–028–13

C–94–052–13



GROSS / NET LENGTH = 12,146.79 FT. = 2.301 MILE

	US 150 (WEST SIDE)	UUS 150 (EAST SIDE)	IL 29	IL 116	RAMP A	RAMP B	RAMP E	RAMP SW
FUNCTIONAL CLASSIFICATION:	OTHER PRINCIPAL ARTERIAL	FREEWAY	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	RAMP	RAMP	RAMP	RAMP
DESIGN SPEED:	50	55	35	55	15	25	35	40
POSTED SPEED:	45	55	35	55	15	25	35	40
ADT:	41,500	41,500	22,800	28,500	3,300	1,600	4,450	5,780
SU:	1.9%	1.9%	2.7%	2.6%	1.8%	3.7%	2.5%	3.9%
MU:	0.7%	0.7%	2.1%	2.3%	2.1%	0.6%	0.8%	2.2%



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

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

WORK ON THIS PROJECT WILL CONSIST OF: ROADWAY WIDENING, RECONSTRUCTION AND RESURFACING, BRIDGE REPLACEMENT, SAFETY IMPROVEMENTS, DRAINAGE IMPROVEMENTS, BICYCLE AND PEDESTRIAN FACILITY IMPROVEMENTS, ROADWAY SIGNING, PAVEMENT MARKING, AND LANDSCAPING.

PROJECT ENGINEER – CHRISTOPHER MAUSHARD
PROJECT MANAGER – CHRISTOPHER MAUSHARD
PHONE: (309)671–3453

CONTRACT NO. 68B46
CATALOG NO. 034923–00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 19 20 19

REGION THREE ENGINEER

feb 1 20 19

ENGINEER OF DESIGN AND ENVIRONMENT

feb 1 20 19

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

2 REV. 4/15/19

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701	STAGED EMBANKMENT AND WICK DRAIN DETAILS
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2

* INCLUDES PAGES 0061A & N0061 B 2

IDOT HIGHWAY STANDARDS:

STD. NO.	STANDARD TITLE
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-05	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSE
406001-06	ENTRANCE RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
406101-05	EXIT RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
420001-09	PAVEMENT JOINTS
420301-08	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVT.)
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442101-09	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
483001-05	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542546-01	FLUSH INLET BOX FOR MEDIAN
602106-02	DRAINAGE STRUCTURES TYPES 4, 5 & 6
602301-04	INLET - TYPE A
602306-04	INLET - TYPE B
602401-06	PRECAST MANHOLE TYPE A 4' (1.22M) DIAMETER
602402-02	PRECAST MANHOLE TYPE A 5' (1.52M) DIAMETER
602411-08	PRECAST MANHOLE TYPE A 7' (2.13M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT TOP SLAB
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604021-03	BASE, FRAME AND LIDS TYPE 5
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604071-05	FRAME AND GRATE TYPE 20
604081-04	FRAMES AND GRATES TYPE 22
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606401-02	PAVED DITCH
610001-08	SHOULDER INLET WITH CURB
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
631046-04	TRAFFIC BARRIER TERMINAL, TYPE 10
635001-02	DELINEATORS
664001-02	CHAIN LINK FENCE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15" TO 24" FROM EDGE OF PAVEMENT
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701411-09	LANE CLOSURE OR EXIT RAMP, FOR SPEEDS >/= 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >/= 45 MPH TO 55 MPH
701422-10	LANE CLOSURE MULTILANE, FOR SPEED > OR = 45 MPH TO 55 MPH
701423-10	LANE CLOSURE MULTILANE, WITH BARRIER FOR SPEED > OR = 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, DAY INTERMITTENT OR MOVING OPER >/= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, DAY INTERMITTENT OR MOVING OPER </= 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701602-10	URBAN LANE CLOSURE, MULTIPLANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
602406-10	PRECAST MANHOLE TYPE A 6' (1.83M) DIAMETER

2 2

IDOT HIGHWAY STANDARDS:

STD. NO.	STANDARD TITLE
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
812001	RACEWAY EMBEDDED IN STRUCTURE
814001-03	HANDHOLES
821001	UNDERPASS LIGHTING WALL MOUNT
821101-02	LUMINAIRE WIRING IN POLE
825021-04	LIGHTING CONTROLLER BASE MOUNTED, 240V
825026-04	LIGHTING CONTROLLER BASE MOUNTED, 480V
826001-02	NAVIGATION OBSTRUCTION LIGHTING CONTROLLER, 240V
830001-03	LIGHT POLE ALUMINUM MAST ARM
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
830016-03	LIGHT POLE STEEL DAVIT ARM
830021-03	LIGHT POLE STEEL TENON TOP
836001-04	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877001-07	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

STD. NO.	STANDARD TITLE
205001-D4	SLOPE STEPS DETAIL
205101-D4	SETTLEMENT PLATFORM
281001-D4	RIPRAP DITCH FOR EROSION PROTECTION
406101-D4	BUTT JOINTS
440101-D4	HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
540000-D4	DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS
542016-04	PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)
602001-D4	INLETS, TYPE G-1
602006-D4	INLETS, TYPE G-1, SPECIAL
602016-D4	INLETS, TYPE G-1, DOUBLE, SPECIAL
602101-D4	PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND G-1, SPECIAL
602401-D4	TEMPORARY INLET DRAINAGE TREATMENT
604001-D4	FRAME AND GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES
606301-D4	P.C. CONCRETE ISLANDS AND MEDIANS (CONSTRUCTED ON TOP OF EXISTING PAVEMENT)
609001-D4	CONCRETE THRUST BLOCKS
630101-D4	GUARDRAIL EROSION CONTROL TREATMENTS
660201-D4	BICYCLE RACK
667101-D4	PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY.I - TY.I
701301-D4	NIGHTTIME LIGHTING INSPECTION
702001-D4	TEMPORARY BITUMINOUS MEDIAN
720006-D4	GROUND MOUNT SIGN STRUCTURE DETAILS
780001-D4	TYPICAL PAVEMENT MARKINGS

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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT INDEX OF SHEETS, STATE & DISTRICT STANDARDS	
	DRAWN - MPG	REVISED -			
PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -		SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A TO STA. N/A	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -			

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	3
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

INDEX-01

2 REV. 4/15/19 REV 2/14/19 REV 1/29/19

GENERAL NOTES (CONTINUED):

CLEARING

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE EXCAVATION PAY ITEMS IN THE PLANS. PAYMENT FOR RESEEDING OR RESODDING WILL BE AS PROVIDED IN THE PLANS.

SEEDING - SIDESLOPE RIPPING

ALL SLOPES STEEPER THAN 3 TO 1 AND OVER 15 FT. (4.5 M) IN HEIGHT SHALL BE RIPPED. THIS SHALL CONSIST OF RIPPING BETWEEN 18 INCHES TO 24 INCHES (450 MM TO 600 MM) DEEP NORMAL TO THE SLOPE. THE INTERVAL OF RIPPING ALONG THE SLOPE SHALL BE 12 FT. (3.6 M). THIS WORK SHALL BE DONE AFTER THE SEED BED HAS BEEN PREPARED BUT BEFORE ANY FERTILIZER OR SEED HAS BEEN APPLIED. THE FERTILIZER AND SEED SHALL BE APPLIED WITHIN A 24-HOUR PERIOD AFTER THE RIPPING HAS BEEN DONE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE VARIOUS ITEMS OF SEEDING INVOLVED.

DRAINAGE

PRIOR TO COMMENCEMENT OF ANY STORM SEWER WORK, THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, DIMENSIONS, AND CONDITIONS OF EXISTING FACILITIES. IF A DISCREPANCY OCCURS BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS, STANDARD SPECIFICATIONS, AND/OR DETAILS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SECURE INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE AFFECTED WORK.

UTILITY NOTE: THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE PLANS ARE BASED ON COORDINATION WITH THE UTILITY COMPANIES AND AVAILABLE EXISTING PLANS. THE LOCATION OF THESE FEATURES ARE SHOWN AS APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES. ALL EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED UNDER THE UTILITY OWNER'S DIRECTION AT NO ADDITIONAL COST TO IDOT.

CROSSING EXISTING STRUCUTRES WITH EQUIPMENT

THE FOLLOWING STRUCTURES HAVE BEEN DEEMED SUITABLE FOR USE WHILE TRANSPORTING AN EMPTIED MATERIAL TRANSFER DEVICE (MTD) WITHIN THE SPECIFICED CONSTRUCTION ZONE AS DESCRIBED IN THE BUREAU OF DESIGN & ENVIRONMENT MEMORANDUM AND THE SPECIAL PROVISION FOR MTD DATED APRIL 18, 2014.

STRUCTURE NUMBER:	072-0167	EB US 150 OVER IL 29 (EXISTING)
	072-0168	WB US 150 OVER IL 29
	090-0069	US 150/IL 116 INTERCHANGE
	090-0070	EB US 150 OVER RIVER (EXISTING)
	090-0071	US 150/IL 116 INTERCHANGE
	090-0072	US 150/IL 116 INTERCHANGE
	090-0073	US 150/IL 116 INTERCHANGE
	090-0074	US 150/IL 116 INTERCHANGE
	090-0115	WB US 150 OVER RIVER
	090-2006	US 150/IL 116 INTERCHANGE
	090-2013	SW RAMP CULVERT (EXISTING)

STRUCTURES NOT LISTED ABOVE HAVE NOT BEEN DEEMED SUITABLE FOR USE BASED ON THE LOAD CARRYING CAPACITY OF THE STRUCTURE AND SHOULD NOT BE USED UNDER ANY CIRCUMSTANCES.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED. 2

PRIOR TO ANY SUBSURFACE WORK IN THE VICINITY OF THE RAILROAD, CONTACT UPRR'S "CALL BEFORE YOU DIG"(CBYD) PHONE NUMBER: 1-800-336-9193.

PROJECT COMMITMENTS:

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

PROCEDURES FOR AN UNANTICIPATED DISCOVERY OF HISTORIC PROPERTIES

IN THE EVENT OF AN UNANTICIPATED DISCOVERY OF A) HISTORIC PROPERTIES, B) HUMAN REMAINS OR C) AN UNMARKED HUMAN BURIAL GROUND DURING CONSTRUCTION ACTIVITIES, THE CONSTRUCTION CONTRACTOR MUST IMMEDIATELY STOP ALL CONSTRUCTION ACTIVITY WITHIN A 150 FOOT RADIUS OF THE DISCOVERY, NOTIFY IDOT OF THE DISCOVERY, AND IMPLEMENT INTERIM MEASURES TO PROTECT THE DISCOVERY FROM LOOTING AND VANDALISM. THE CONTRACTOR WILL AWAIT FURTHER INSTRUCTION BEFORE RE-ENTERING THE AREA. 2

WHERE PRACTICABLE, REFUELING, STORAGE OF FUELS, OR MAINTENANCE OF CONSTRUCTION EQUIPMENT SHOULD NOT BE ALLOWED WITHIN 100 FEET OF WETLANDS OR WATER BODIES TO AVOID ACCIDENTAL SPILLS IMPACTING THESE RESOURCES.

ILLINOIS AMERICAN WATER / SLUDGE MAINS:

THE CONTRACTOR SHALL LIMIT/MINIMIZE THEIR CROSSINGS OF THE ILLINOIS AMERICAN WATER (ILWACS) WATER AND SLUDGE MAINS WITHIN THE MARKED AREAS. IN LOCATIONS WHERE CROSSINGS ARE NECESSARY, THE CONTRACTOR SHALL UTILIZE CRANE MATS TO ENSURE THAT CONSTRUCTION TRAFFIC DOES NOT RESULT IN PRESSURES THAT EXCEED THOSE OF THE CURRENT SOIL CONDITIONS. EMPLOYEES OF ILWACS OR THEIR DESIGNATED CONSULTANTS SHALL HAVE ACCESS AT ALL TIMES TO THEIR FACILITIES FOR INSPECTION PURPOSES. PLEASE CONTACT CHRISTIAN S. VOLZ AT (309)566-4114 PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN THE MARKED RESTRICTED AREAS.

TRI-COUNTY SEARCH AND RESCUE TEAM

A COMMITMENT TO THE TRI-COUNTY SEARCH AND RESCUE TEAM WILL PROVIDE FOR RIVER ACCESS POINTS TO THE ILLINOIS RIVER ON BOTH THE PEORIA AND TAZEWELL COUNTIES RIVERBANKS AT THE CONSTRUCTION SITE AT ALL TIMES DURING CONSTRUCTION. IN ADDITION, ACCESS ROADWAYS TO THE RIVER LANDINGS SHALL BE PROVIDED AND OPEN TO ACCESS FOR THE TRI-COUNTY SEARCH AND RESCUE TEAM PERSONNEL, WATER CRAFTS AND EQUIPMENT AT ALL TIMES. RIVER ACCESS POINTS SHALL BE PROVIDED AS SHOWN ON THE PLANS OR MODIFIED AS REQUIRED. CONTACT MR. MIKE JOHNSON, CHIEF OF POLICE FON DU LAC PARK DISTRICT, AT 309-698-4700 OR POLICE@FONDULACPARK.COM FOR COORDINATION OF THE ACCESS SITES.

IN ADDITION, THE EMERGENCY DISPATCH CENTER PHONE NUMBERS ARE AS FOLLOWS:

EAST PEORIA: 309-698-4700
PEORIA: 309-673-4521

THE PLEASURE DRIVEWAY AND PARK DISTRICT OF PEORIA

THE STATE DEPARTMENT OF TRANSPORTATION AGREES TO THE FOLLOWING REGARDING PARCEL NO. 4ADH006-TE:

- THE 0.265 ACRE TEMPORARY EASEMENT TRACT OF LAND WILL BE RETURNED TO THE OWNER IN AS GOOD AS OR BETTER CONDITION UPON COMPLETION OF CONSTRUCTION.
- STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR ITS CONTRACTORS USE OF THE PREMISES HEREIN DESCRIBED SHALL NOT INTERFERE WITH USE OF THE PREMISES BY THE PUBLIC INCLUDING, WITHOUT LIMITATION, THE PLEASURE DRIVEWAY AND PARK DISTRICT OF PEORIA AND ADJACENT LAND OWNERS. 2

RAILROAD NOTES:

- THE PROPOSED GRADE SEPARATION PROJECT SHALL NOT INCREASE THE QUANTITY AND/OR CHARACTERISTICS OF THE FLOW IN THE RAILROAD'S DITCHES AND/OR DRAINAGE STRUCTURES.
- THE ELEVATION OF THE EXISTING TOP-OF-RAIL PROFILE SHALL BE VERIFIED BEFORE BEGINNING CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE RAILROAD PRIOR TO CONSTRUCTION.
- THE CONTRACTOR MUST SUBMIT A PROPOSED METHOD OF EROSION AND SEDIMENT CONTROL AND HAVE THE METHOD APPROVED BY THE RAILROAD.
- ALL DEMOLITIONS WITHIN THE RAILROAD'S RIGHT-OF-WAY AND/OR DEMOLITION THAT MAY IMPACT THE RAILROAD'S TRACKS OR OPERATIONS SHALL BE IN COMPLIANCE WITH THE RAILROAD'S DEMOLITION GUIDELINES.
- ERECTION OVER THE RAILROAD'S RIGHT-OF-WAY SHALL BE DESIGNED TO CAUSE NO INTERRUPTION TO THE RAILROAD'S OPERATION,ENABLING THE TRACK(S) TO REMAIN OPEN TO TRAFFIC PER THE RAILROAD'S REQUIREMENTS.
- ALL PERMANENT CLEARANCES SHALL BE VERIFIED BEFORE PROJECT CLOSING.

FINAL SUBMITTAL

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GEN-02

TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - MPG	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
GENERAL NOTES AND COMMITMENTS

SCALE: NONE | SHEET 2 OF 2 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	5
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

				CONSTRUCTION CODE								
				80% FED / 20% STATE					80% FED / 20% STATE		100% STATE	
						NHPP			NHS BRIDGE PNLTY FUNDS			
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	32	32								
20100500	TREE REMOVAL, ACRES	ACRE	4.25	2.25	2.00							
20101000	TEMPORARY FENCE	FOOT	3,352	3,352								
20200100	EARTH EXCAVATION	CU YD	24,465	10,975	13,490							
20400800	FURNISHED EXCAVATION	CU YD	41,705	1,715	39,990							
20700220	POROUS GRANULAR EMBANKMENT	CU YD	103			103						
20800150	TRENCH BACKFILL	CU YD	1,984	674 (2)	1,310							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	59			59						
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	62,904	22,486 (2)	40,418							
21400100	GRADING AND SHAPING DITCHES	FOOT	2,212		2,212							
* 25000210	SEEDING, CLASS 2A	ACRE	8.00	1.50	6.50							
* 25000300	SEEDING, CLASS 3	ACRE	2.25	2.25 (2)	0.50							
* 25000324	SEEDING, CLASS 5B	ACRE	1.75	1.00	0.75							
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,171	419 (2)	752							

* - SPECIALTY ITEM

SOQ-01

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PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 1 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	7
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

(2) REV. 4/15/19 REV. 1/29/19

					CONSTRUCTION CODE									
					80% FED / 20% STATE						80% FED / 20% STATE		100% STATE	
							NHPP				NHS BRIDGE PNLTY FUNDS			
				URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY			0010 - BRIDGE REP.		0031 - LANDSCAPING	
					PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO		PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
					FAP 317/318	FAP 317/673	SN 090-2020				SN 072-0250	SN 090-0180		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT				US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,171	419	752								
					2									
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,171	419	752								
	25000750	MOWING	ACRE	13.50									5.00	8.50
*	25003326	INTERSEEDING, CLASS 5C	ACRE	2.00	0.75	1.25								
					2									
*	25100115	MULCH, METHOD 2	ACRE	24.75	9.5	15.25								
*	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	8,815	2,118	6,697								
*	25100900	TURF REINFORCEMENT MAT	SQ YD	7,389		7,389								
*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,090	591	1,499								
	28000305	TEMPORARY DITCH CHECKS	FOOT	478	154	324								
	28000400	PERIMETER EROSION BARRIER	FOOT	9,543	4,376	5,167								
				2		2								
	28000500	INLET AND PIPE PROTECTION	EACH	45	8	27								
	28000510	INLET FILTERS	EACH	96	69	27								
	28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	32,406	4,235	28,171								

* - SPECIALTY ITEM

SOQ-02

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 2 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	8
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

2 REV. 4/15/19 REV. 2/8/19 REV. 1/29/19

				CONSTRUCTION CODE									
				80% FED / 20% STATE					80% FED / 20% STATE		100% STATE		
						NHPP			NHS BRIDGE PNLTY FUNDS				
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING		
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	
				FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING	
28100107	STONE RIPRAP, CLASS A4	SQ YD	1,380							1,380			
28100109	STONE RIPRAP, CLASS A5	SQ YD	143			143							
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	2 1,170	10	2 495					665			
28200200	FILTER FABRIC	SQ YD	1,456		2	143				1,315			
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	26,125	6,741	19,384								
35300310	PORTLAND CEMENT CONCRETE BASE COURSE 8 1/2"	SQ YD	5,270	5,270									
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	263	174	89								
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	5,057	852	4,205								
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	56,253		56,253								
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	42,973	8,134	34,839								
40600825	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	TON	639	550	89								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	452	199	253								
40600990	TEMPORARY RAMP	SQ YD	2 257	168	2 119								
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	5,649	13	5,636								

* - SPECIALTY ITEM

SOQ-03

FINAL SUBMITTAL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 3 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	9
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/15/19 REV. 2/8/19

				CONSTRUCTION CODE									
				80% FED / 20% STATE						80% FED / 20% STATE		100% STATE	
						NHPP				NHS BRIDGE PNLTY FUNDS			
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY			0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO		PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020				SN 072-0250	SN 090-0180		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT				US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
40603208	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	1,951		1,951								
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	3,836	529	3,307								
42000060	WELDED WIRE REINFORCEMENT	SQ YD	174	114	60								
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	352	229	123								
42000100	PORTLAND CEMENT CONCRETE PAVEMENT 6"	SQ YD	1,709	1,057 (2)	652								
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	1,532	1,532									
42001300	PROTECTIVE COAT	SQ YD	15,526	10,080 (2)	5,446								
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	133	113	20								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,986	3,926	60								
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1,748	1,157	591								
* 42400800	DETECTABLE WARNINGS	SQ FT	188	188									
44000100	PAVEMENT REMOVAL	SQ YD	14,656	5,214	9,442								
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	13,188		13,188								
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	5,374	3,722	1,652								

* - SPECIALTY ITEM

SOQ-04

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 4 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	10
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

(2) REV. 4/15/19 REV. 1/29/19

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED / 20% STATE — 0003 - RDWY. RECON. — PEORIA CO — FAP 317/318 — US 150 IL 29	80% FED / 20% STATE — 0003 - RDWY. RECON. — TAZEWELL CO — FAP 317/673 — US 150 IL 116	80% FED / 20% STATE NHPP — 0010 — TAZEWELL CO — SN 090-2020 — CULVERT	0021 - SAFETY — PEORIA CO	0021 - SAFETY — TAZEWELL CO	80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — PEORIA CO — SN 072-0250 — US 150 OVER IL 29	80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — TAZEWELL CO — SN 090-0180 — US 150 OVER IL RIVER	100% STATE — 0031 - LANDSCAPING — PEORIA CO — LANDSCAPING & MOWING	100% STATE — 0031 - LANDSCAPING — TAZEWELL CO — LANDSCAPING & MOWING
44000400	GUTTER REMOVAL	FOOT	108	108								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,940	2,693	247							
44000600	SIDEWALK REMOVAL	SQ FT	2,761	2,574	187							
44003100	MEDIAN REMOVAL	SQ FT	7,211	6,879	332							
44004000	PAVED DITCH REMOVAL	FOOT	262		262	2						
44004250	PAVED SHOULDER REMOVAL	SQ YD	8,656	1,949	6,707							
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	83	83								
44213200	SAW CUTS	FOOT	245	245								
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3,029	290	2,739							
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,810	172	1,638							
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,341	1,341								
48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	8,058		8,058							
48300410	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	SQ YD	689	689								
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1							1		

* - SPECIALTY ITEM

SOQ-05

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 5 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	11
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

2 REV. 4/15/19

			URBAN	CONSTRUCTION CODE								
				80% FED / 20% STATE		NHPP			80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS		100% STATE	
				0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
50300265	SEAL COAT CONCRETE	CU YD	10,953.4							10,953.4		
50300280	CONCRETE ENCASEMENT	CU YD	8.2							8.2		
50300300	PROTECTIVE COAT	SQ YD	51,925						1,881	50,044		
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	456.8						184.0	272.8		
50400905	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 42 IN.	FOOT	405.0							405.0		
50401325	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BEAMS, IL45N	FOOT	1,430.0						1,430.0			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1							1		
50500505	STUD SHEAR CONNECTORS	EACH	134,722							134,722		
50800105	REINFORCEMENT BARS	POUND	1,637,720	70						1,637,650		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	11,027,920 2			36,380			229,800	10,761,740 2		
50800515	BAR SPLICERS	EACH	4,042						982	3,060		
50800530	MECHANICAL SPLICERS	EACH	23,669			15				23,654		
50901730	BRIDGE FENCE RAILING	FOOT	506							506		
50901750	PARAPET RAILING	FOOT	4,876.0							4,876.0		

* - SPECIALTY ITEM

SOQ-08

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 8 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	14
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

2 REV. 4/15/19 REV. 2/14/19 REV. 2/8/19

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED / 20% STATE — 0003 - RDWY. RECON. — PEORIA CO — FAP 317/318 — US 150 IL 29	CONSTRUCTION CODE: 80% FED / 20% STATE — 0003 - RDWY. RECON. — TAZEWELL CO — FAP 317/673 — US 150 IL 116	CONSTRUCTION CODE: 80% FED / 20% STATE NHPP — 0010 — TAZEWELL CO — SN 090-2020 — CULVERT	CONSTRUCTION CODE: 0021 - SAFETY — PEORIA CO	CONSTRUCTION CODE: 0021 - SAFETY — TAZEWELL CO	CONSTRUCTION CODE: 80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — PEORIA CO — SN 072-0250 — US 150 OVER IL 29	CONSTRUCTION CODE: 80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — TAZEWELL CO — SN 090-0180 — US 150 OVER IL RIVER	CONSTRUCTION CODE: 100% STATE — 0031 - LANDSCAPING — PEORIA CO — LANDSCAPING & MOWING	CONSTRUCTION CODE: 100% STATE — 0031 - LANDSCAPING — TAZEWELL CO — LANDSCAPING & MOWING
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	2	3							
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1		1							
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		1							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5		5							
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	7	3	4							
54248510	CONCRETE COLLAR	CU YD	1.2	1.2								
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	321		321							
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	37		37							
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	408		408							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	3,036	1,057	1,979							
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	779	193	586							
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	540	334	206							
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	170		170							
550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	226	226								
55100500	STORM SEWER REMOVAL 12"	FOOT	1,176	1,176								
550B0450	STORM SEWERS, CLASS B, TYPE 2 36"	FOOT	305	305								

2

* - SPECIALTY ITEM

SOQ-11

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 11 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	17
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

2 REV. 4/15/19

FINAL SUBMITTAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED / 20% STATE — 0003 - RDWY. RECON. — PEORIA CO — FAP 317/318 — US 150 IL 29	CONSTRUCTION CODE: 80% FED / 20% STATE — 0003 - RDWY. RECON. — TAZEWELL CO — FAP 317/673 — US 150 IL 116	CONSTRUCTION CODE: 80% FED / 20% STATE NHPP — 0010 — TAZEWELL CO — SN 090-2020 — CULVERT	CONSTRUCTION CODE: 0021 - SAFETY — PEORIA CO	CONSTRUCTION CODE: 0021 - SAFETY — TAZEWELL CO	CONSTRUCTION CODE: 80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — PEORIA CO — SN 072-0250 — US 150 OVER IL 29	CONSTRUCTION CODE: 80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — TAZEWELL CO — SN 090-0180 — US 150 OVER IL RIVER	CONSTRUCTION CODE: 100% STATE — 0031 - LANDSCAPING — PEORIA CO — LANDSCAPING & MOWING	CONSTRUCTION CODE: 100% STATE — 0031 - LANDSCAPING — TAZEWELL CO — LANDSCAPING & MOWING
55101200	STORM SEWER REMOVAL 24"	FOOT	20	20								
55101300	STORM SEWER REMOVAL 27"	FOOT	16	16								
55200600	STORM SEWERS JACKED IN PLACE, 18"	FOOT	47	47								
58700300	CONCRETE SEALER	SQ FT	77,203.7						2,222.7	74,981.0		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	360.6						137.0	223.6		
~~60100060~~	~~CONCRETE HEADWALLS FOR PIPE DRAINS~~	~~EACH~~	~~2~~	~~2~~								
~~60108100~~	~~PIPE UNDERDRAINS 4" (SPECIAL)~~	~~FOOT~~	~~161~~	~~161~~								
~~60200305~~	~~CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE~~	~~EACH~~	~~1~~	~~1~~								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	5	4							
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	7	4	3							
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1								
60224446	MANHOLES, TYPE A, 7'-DAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1								
60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	1	1								
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1		1							
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	2	2								

2

* - SPECIALTY ITEM

SOQ-12

FINAL SUBMITTAL

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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
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TEL: 312-777-2900

USER NAME = kpeschel	DESIGNED - MPG	REVISED -
	DRAWN - MPG	REVISED -
PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -
PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 12 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	18
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

2 REV. 4/15/19

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED / 20% STATE — 0003 - RDWY. RECON. — PEORIA CO FAP 317/318 US 150 IL 29	80% FED / 20% STATE — 0003 - RDWY. RECON. — TAZEWELL CO FAP 317/673 US 150 IL 116	80% FED / 20% STATE NHPP — 0010 — TAZEWELL CO SN 090-2020 CULVERT	80% FED / 20% STATE — 0021 - SAFETY — PEORIA CO	80% FED / 20% STATE — 0021 - SAFETY — TAZEWELL CO	80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — PEORIA CO SN 072-0250 US 150 OVER IL 29	80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — TAZEWELL CO SN 090-0180 US 150 OVER IL RIVER	100% STATE — 0031 - LANDSCAPING — PEORIA CO LANDSCAPING & MOWING	100% STATE — 0031 - LANDSCAPING — TAZEWELL CO LANDSCAPING & MOWING
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1	1								
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	2	2								
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	2	2								
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1								
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1								
60260100	INLETS TO BE ADJUSTED	EACH	1		1							
60270000	DRAINAGE STRUCTURES, TYPE 4 WITH ONE TYPE 20 FRAME AND GRATE	EACH	2	2								
60270005	DRAINAGE STRUCTURES, TYPE 5 WITH ONE TYPE 22 FRAME AND GRATE	EACH	4	4								
60270055	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	EACH	2	2								
60500040	REMOVING MANHOLES	EACH	4	4								
60500050	REMOVING CATCH BASINS	EACH	2		2							
60500060	REMOVING INLETS	EACH	16	16								
60500070	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	1	1								
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	0.4		0.4							
60600605	CONCRETE CURB, TYPE B	FOOT	752.0	752.0								

* - SPECIALTY ITEM

SOQ-13

FINAL SUBMITTAL

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TYLIN INTERNATIONAL
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USER NAME = kpeschel	DESIGNED - MPG	REVISED -	
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PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 13 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	19
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

2 REV. 4/15/19

					CONSTRUCTION CODE								
					80% FED / 20% STATE					80% FED / 20% STATE		100% STATE	
							NHPP			NHS BRIDGE PNLTY FUNDS			
				URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING	
					PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
					FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5	0.5							
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	20	10	10							
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5	0.5							
	67100100	MOBILIZATION	L SUM	1	0.5	0.5							
	70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	1,053	936	117							
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,749	2,319	4,430	2						
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,251	774	1,477							
	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	224	224								
	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	92,099	45,229	46,870	2						
	70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	3,910	454	3,456							
	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	287		287							
	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	134	134								
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	5,286	2,285	3,001	2						
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	5,213	950	4,236							

* - SPECIALTY ITEM

SOQ-16

FINAL SUBMITTAL

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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = kpeschel	DESIGNED - MPG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MPG	REVISED -	
	PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -	
	PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -	

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 16 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	22
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/15/19 REV. 1/29/19

				CONSTRUCTION CODE									
				80% FED / 20% STATE						80% FED / 20% STATE		100% STATE	
						NHPP				NHS BRIDGE PNLTY FUNDS			
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY			0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO		PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020				SN 072-0250	SN 090-0180		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	6	4	2							
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	14	7	7	2						
*	72000100	SIGN PANEL - TYPE 1	SQ FT	150	33	117							
*	72000200	SIGN PANEL - TYPE 2	SQ FT	104	12	92							
*	72000300	SIGN PANEL - TYPE 3	SQ FT	1,261	105	1,156							
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	9	2	7							
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	53	18	35							
*	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	100	16	84							
*	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1,424	163	1,261							
*	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2		2							
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	2		2							
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	9	3	6							
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	4,279	1,116	3,163	2						
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	147	15	132							

* - SPECIALTY ITEM

SOQ-17

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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = kpeschel	DESIGNED - MPG	REVISED -
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	PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -
	PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 17 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	23
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/15/19 REV. 1/29/19

				CONSTRUCTION CODE								
				80% FED / 20% STATE					80% FED / 20% STATE		100% STATE	
						NHPP			NHS BRIDGE PNLTY FUNDS			
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
73000100	WOOD SIGN SUPPORT	FOOT	51		51							
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	170		170							
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	11.5	11.5								
73400100	CONCRETE FOUNDATIONS	CU YD	42.3 (2)	2.4	39.9 (2)							
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1		1							
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	2	1	1							
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8	4	4							
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8	4	4							
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2		2							
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	8,910 (2)	737	8,173 (2)							
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	7,461	1,755	5,706							
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	1,019	191	828							
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	317 (2)	130	187							
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	22,667	10,925	11,742							

* - SPECIALTY ITEM

SOQ-18

FINAL SUBMITTAL

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TYLIN INTERNATIONAL
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USER NAME = kpeschel	DESIGNED - MPG	REVISED -	
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PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 18 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	24
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

(2) REV. 4/15/19 REV. 1/29/19

					CONSTRUCTION CODE								
					80% FED / 20% STATE					80% FED / 20% STATE		100% STATE	
							NHPP			NHS BRIDGE PNLTY FUNDS			
				URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING	
					PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
					FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2,996 △2	1,711	1,285 △2							
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	8,319	3,238	5,081							
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2,335 △2	1,801	534							
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	202	109	93							
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	387	251	136							
*	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	36	12	24							
*	78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	411	129	282							
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	64	30	34							
*	78200020	CURB REFLECTORS	EACH	75	75								
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	738 △2	462	276							
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	4				3	1				
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1				0.5	0.5				
*	80500200	SERVICE INSTALLATION, TYPE B	EACH	1				1					
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	70				70					

* - SPECIALTY ITEM

SOQ-19

FINAL SUBMITTAL

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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = kpeschel	DESIGNED - MPG	REVISED -
		DRAWN - MPG	REVISED -
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	PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 19 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	25
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

△2 REV. 4/15/19 REV. 1/29/19

					CONSTRUCTION CODE									
					80% FED / 20% STATE					80% FED / 20% STATE		100% STATE		
							NHPP			NHS BRIDGE PNLTY FUNDS				
				URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING		
					PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	
					FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING	
*	83012100	LIGHT POLE, ALUMINUM, 30 FT. M.H., TENON MOUNT	EACH	15				10	5					
*	83060420	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 8 FT. MAST ARM	EACH	13					13					
*	83060450	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 15 FT. MAST ARM	EACH	9					9					
*	83060830	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT	EACH	1				1						
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	110.0				85.0	25.0					
*	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	208.5				65.5	143.0					
	83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	52				24	28	2				
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	32				9	23					
	84200804	REMOVAL OF POLE FOUNDATION	EACH	16				9	7					
	84301200	REMOVAL OF NAVIGATION OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1					1					
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	3				2	1					
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3				2	1					
	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	3				2	1					
*	85000200	~~MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION~~	EACH	1					1	2				

* - SPECIALTY ITEM

SOQ-22

FINAL SUBMITTAL

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USER NAME = kpeschel	DESIGNED - MPG	REVISED -
	DRAWN - MPG	REVISED -
PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -
PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 22 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	28
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/18/19 2 REV. 4/15/19 REV. 1/29/19

				URBAN	CONSTRUCTION CODE									
					80% FED / 20% STATE						80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS		100% STATE	
							NHPP							
					0003 - RDWY. RECON.		0010	0021 - SAFETY			0010 - BRIDGE REP.		0031 - LANDSCAPING	
					PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO		PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
					FAP 317/318	FAP 317/673	SN 090-2020				SN 072-0250	SN 090-0180		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT				US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
	X0301847	WATER TRANSPORTATION FOR ENGINEER	CAL MO	51		51								
	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	41,396								41,396		
	X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	9								9		
	X0320586	FLEXIBLE DELINEATORS	EACH	29	29									
	X0321158	PARK BENCHES	EACH	10	4	6								
	X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	823	823									
	~~X0322792~~	~~BEDDING MATERIAL, SPECIAL~~	~~CU YD~~	~~98~~	~~98~~									
	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	1		1								
	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	4	2	2								
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	3		3								
	X0323117	LANDSCAPING GRAVEL	SQ YD	43	43									
	X0323388	TRAFFIC COUNTER	EACH	3				3						
*	X0323898	CLOSED CIRCUIT TELEVISION DOME CAMERA	EACH	2				2						
*	X0323906	CAMERA POLE, 45 FT	EACH	2				2						

2

* - SPECIALTY ITEM

SOQ-26

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USER NAME = kpeschel	DESIGNED - MPG	REVISED -
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PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -
PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 26 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	32
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/15/19 REV. 2/8/19 REV. 1/29/19

					CONSTRUCTION CODE									
					80% FED / 20% STATE						80% FED / 20% STATE		100% STATE	
							NHPP				NHS BRIDGE PNLTY FUNDS			
				URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY			0010 - BRIDGE REP.		0031 - LANDSCAPING	
					PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO		PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 317/318	FAP 317/673	SN 090-2020				SN 072-0250	SN 090-0180		
					US 150 IL 29	US 150 IL 116	CULVERT				US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
*	X0326885	VIDEO DETECTION SYSTEM	EACH	3				3						
*	X0326906	CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED (MATERIAL ONLY)	EACH	2				2						
	X0327000	TEMPORARY CONNECTION TO EXISTING STORM SEWER	EACH	4	4									
	X0327131	DRAINAGE STRUCTURES, NO. 1	EACH	15		15								
	X0327132	DRAINAGE STRUCTURES, NO. 2	EACH	1		1								
*	X0327206	DATA SERVER	L SUM	1				1						
*	X0327545	SOIL SAMPLING AND TESTING	EACH	1		1								
*	X0327748	REMOVE AND REPLACE ITS EQUIPMENT	EACH	2				2						
	X0327778	HANGER ASSEMBLIES FOR TIED ARCH SPAN	L SUM	1								1		
	X0327880	WAYFINDING SIGN, SPECIAL	L SUM	1		1								
	~~X0327978~~	~~CONCRETE PAVER PAVEMENT~~	~~SQ YD~~	~~1,757~~	~~1,757~~									
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	15,115	9,375	5,740								
	X0350805	FOLD DOWN BOLLARDS	EACH	2	1	1								
	X0900076	COFFERCELL (LOCATION - 12)	EACH	1								1		

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* - SPECIALTY ITEM

SOQ-28

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USER NAME = kpeschel	DESIGNED - MPG	REVISED -	
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PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 28 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	34
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/15/19 REV. 1/29/19

				URBAN	CONSTRUCTION CODE									
					80% FED / 20% STATE						80% FED / 20% STATE NHS BRIDGE PNLTY FUNDS		100% STATE	
					0003 - RDWY. RECON.		0010 NHPP	0021 - SAFETY			0010 - BRIDGE REP.		0031 - LANDSCAPING	
					PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO		PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
					FAP 317/318	FAP 317/673	SN 090-2020				SN 072-0250	SN 090-0180		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT				US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
	X0900077	COFFERCELL (LOCATION - 13)	EACH	1								1		
	X0900078	COFFERCELL (LOCATION - 14)	EACH	1								1		
	X0900079	COFFERCELL (LOCATION - 15)	EACH	1								1		
	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	153			153							
	~~X1200055~~	~~INFILTRATION AGGREGATE~~	~~CU YD~~	~~1,002~~	~~1,002~~									
	~~X1200107~~	~~PIPE UNDERDRAINS 6" (MODIFIED)~~	~~FOOT~~	~~134~~	~~134~~									
*	X1400007	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	FOOT	1,417				1,417						
*	X1400014	CIRCUIT BREAKER IN STREET LIGHT CONTROLLER	EACH	1					1					
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	15				10	5					
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	3					3					
*	X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	59				9	50					
*	X1400179	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	11				10	1					
*	X1400212	LUMINAIRE, LED, HORIZONTAL MOUNT, VERY LOW WATTAGE	EACH	7				7						
*	X1400238	LUMINAIRE, LED, SPECIAL	EACH	28					28					

2

* - SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 29 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	35
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/16/19 REV. 1/29/19

FINAL SUBMITTAL

				CONSTRUCTION CODE								
				80% FED / 20% STATE					80% FED / 20% STATE		100% STATE	
						NHPP			NHS BRIDGE PNLTY FUNDS			
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
	X1400268	REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	10				3	7				
*	X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	1				1					
*	X1400339	LUMINAIRE, UNDERPASS, LED, LOW WATTAGE	EACH	4				4					
	~~X3510407~~	~~AGGREGATE BASE COURSE, TYPE CA-7~~	~~TON~~	~~404~~	~~404~~								
	X4200406	PORTLAND CEMENT CONCRETE PAVEMENT 6", SPECIAL	SQ YD	701	701								
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	39,440		39,440							
	X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	10,861	10,861								
	X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	3,307	7000	2,607							
	X5010523	REMOVE CONCRETE END SECTION	EACH	1	1								
	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	24,588						1,123	23,465		
	X5051200	FURNISHING AND ERECTING STRUCTURAL STEEL, SPECIAL	L SUM	1	0.5	0.5							
	X5091730	BRIDGE FENCE RAILING (SPECIAL)	FOOT	4,646.0						4,646.0			
	X5210100	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 150K	EACH	14						14			
	X5210180	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 550K	EACH	7						7			
	X5210190	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 600K	EACH	12						12			

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* - SPECIALTY ITEM

SOQ-30

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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = kpeschel	DESIGNED - MPG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MPG	REVISED -	
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	PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -	

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 30 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	36
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/16/19 REV. 1/29/19

				CONSTRUCTION CODE								
				80% FED / 20% STATE					80% FED / 20% STATE		100% STATE	
						NHPP			NHS BRIDGE PNLTY FUNDS			
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY		0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020			SN 072-0250	SN 090-0180		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT			US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
X5210200	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 650K	EACH	52							52		
X5210210	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 700K	EACH	18							18		
X5210491	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED, 4650K	EACH	2							2		
X5210281	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 4650K	EACH	2							2		
X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	66	66								
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	575						198	377		
~~X6013600~~	~~PIPE UNDERDRAINS 4" (MODIFIED)~~	~~FOOT~~	~~944~~	~~944~~								
X6020065	INLETS, TYPE G-1, DOUBLE (SPECIAL)	EACH	2	2								
X6020082	INLETS, TYPE G-1	EACH	7	7								
X6020092	MANHOLES, TYPE A, 6'-DIAMETER, WITH TYPE 3 FRAME AND GRATE, TYPE 1 FRAME, CLOSED LID	EACH	1	1								
X6021065	INLETS, TYPE G-1, SPECIAL	EACH	6	6								
X6024503	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	1	1								
X6060505	CONCRETE CURB (SPECIAL)	FOOT	340.0	340.0								
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SQ FT	3,931	3,931								
X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	96.0	96.0								

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* - SPECIALTY ITEM

SOQ-31

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PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 31 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	37
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/16/19 REV. 1/29/19

				CONSTRUCTION CODE									
				80% FED / 20% STATE						80% FED / 20% STATE		100% STATE	
						NHPP				NHS BRIDGE PNLTY FUNDS			
			URBAN	0003 - RDWY. RECON.		0010	0021 - SAFETY			0010 - BRIDGE REP.		0031 - LANDSCAPING	
				PEORIA CO	TAZEWELL CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO		PEORIA CO	TAZEWELL CO	PEORIA CO	TAZEWELL CO
				FAP 317/318	FAP 317/673	SN 090-2020				SN 072-0250	SN 090-0180		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	US 150 IL 29	US 150 IL 116	CULVERT				US 150 OVER IL 29	US 150 OVER IL RIVER	LANDSCAPING & MOWING	LANDSCAPING & MOWING
X6380204	MODULAR GLARE SCREEN SYSTEM (SPECIAL)	FOOT	5,076		5,076								
X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	1		1								
X6640298	CHAIN LINK FENCE (SPECIAL)	FOOT	224	224									
X6640302	CHAIN LINK FENCE REMOVAL (SPECIAL)	FOOT	153	153									
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	51	26	25								
X6700600	ENGINEER'S FIELD LABORATORY (SPECIAL)	CAL MO	51	26	25								
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5								
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	33,433	15,795	17,638								
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	4,932	1,553	3,379								
X7240500	RELOCATE EXISTING SIGNS	EACH	1		1								
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2,682		2,682								
* X8110454	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., STAINLESS STEEL	FOOT	160				160						
* X8110551	CONDUIT, FLEXIBLE NON-METALLIC, WEATHERPROOF, 1.0" DIAMETER	FOOT	155					155					
* X8300001	LIGHT POLE, SPECIAL	EACH	26					26					

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* - SPECIALTY ITEM

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SOQ-32

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USER NAME = kpeschel	DESIGNED - MPG	REVISED -
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PLOT DATE = 12/13/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 32 OF 35 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	38
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/16/19 REV. 1/29/19

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED / 20% STATE — 0003 - RDWY. RECON. — PEORIA CO — FAP 317/318 — US 150 IL 29	80% FED / 20% STATE — 0003 - RDWY. RECON. — TAZEWELL CO — FAP 317/673 — US 150 IL 116	80% FED / 20% STATE — NHPP — 0010 — TAZEWELL CO — SN 090-2020 — CULVERT	80% FED / 20% STATE — 0021 - SAFETY — PEORIA CO	80% FED / 20% STATE — 0021 - SAFETY — TAZEWELL CO	80% FED / 20% STATE — NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — PEORIA CO — SN 072-0250 — US 150 OVER IL 29	80% FED / 20% STATE — NHS BRIDGE PNLTY FUNDS — 0010 - BRIDGE REP. — TAZEWELL CO — SN 090-0180 — US 150 OVER IL RIVER	100% STATE — 0031 - LANDSCAPING — PEORIA CO — LANDSCAPING & MOWING	100% STATE — 0031 - LANDSCAPING — TAZEWELL CO — LANDSCAPING & MOWING
Z0018004	DRAINAGE SCUPPERS, DS-12	EACH	44							44		
Z0018100	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)	EACH	1	1								
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	1	1								
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	34,321						1,559	32,762		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	754	215	539							
~~Z0030900~~	~~INSPECTION WELLS~~	~~EACH~~	~~1~~	~~1~~								
* ~~Z0033028~~	~~MAINTENANCE OF LIGHTING SYSTEM~~	~~CAL MO~~	~~51~~				~~26~~	~~25~~				
Z0033052	COMMUNICATIONS VAULT	EACH	8				8					
Z0034105	MATERIAL TRANSFER DEVICE	TON	12,075	1,092	10,983							
Z0034806	MODULAR EXPANSION JOINT-SWIVEL 6"	FOOT	167.5							167.5		
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	407						186	221		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
* Z0054400	ROCK FILL	CU YD	31			31						
Z0056100	SAND DRAINAGE BLANKET	CU YD	2,929		2,929							

* - SPECIALTY ITEM

(2) REV. 4/16/19

SOQ-34

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 80% FED / 20% STATE; 0003 - RDWY. RECON.; PEORIA CO; FAP 317/318; US 150 IL 29	80% FED / 20% STATE; 0003 - RDWY. RECON.; TAZEWELL CO; FAP 317/673; US 150 IL 116	80% FED / 20% STATE; NHPP; 0010; TAZEWELL CO; SN 090-2020; CULVERT	80% FED / 20% STATE; 0021 - SAFETY; PEORIA CO	80% FED / 20% STATE; 0021 - SAFETY; TAZEWELL CO	80% FED / 20% STATE; NHS BRIDGE PNLTY FUNDS; 0010 - BRIDGE REP.; PEORIA CO; SN 072-0250; US 150 OVER IL 29	80% FED / 20% STATE; NHS BRIDGE PNLTY FUNDS; 0010 - BRIDGE REP.; TAZEWELL CO; SN 090-0180; US 150 OVER IL RIVER	100% STATE; 0031 - LANDSCAPING; PEORIA CO; LANDSCAPING & MOWING	100% STATE; 0031 - LANDSCAPING; TAZEWELL CO; LANDSCAPING & MOWING
Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	25	25								
Z0056669	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	164	164								
Z0056691	STORM SEWERS, TYPE 3, WATER MAIN QUALITY PIPE, 27"	FOOT	28	28								
Z0062456	TEMPORARY PAVEMENT	SQ YD	3,167 (2)	560	2,607 (2)							
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	13	13								
Z0065100	SETTLEMENT PLATFORMS	EACH	3		3							
Ø Z0076600	TRAINEES	HOUR	3,000	3,000	(1)							
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3,000	3,000								

* - SPECIALTY ITEM

SOQ-35

TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = kpeschel PLOT SCALE = 2.00 ' / in. PLOT DATE = 12/13/2018	DESIGNED - MPG DRAWN - MPG CHECKED - DAJ DATE - 11/28/2018	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT SUMMARY OF QUANTITIES SCALE: NONE · SHEET 35 OF 35 SHEETS · STA. N/A · TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	41
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

MODEL: Default
FILE NAME: pw:\\spi-svr306.hanson.dom:Hanson Projects\Documents\13Jobs\13H0106\Phase-II\CAD\Road\Sheets\D4MCCEB-sht-SOQ35-TYL1.dgn

FINAL SUBMITTAL

Ø 0042 (1)

(2) REV. 4/16/19 (1) REV. 3/6/19 REV. 1/29/19

REMOVAL SCHEDULE - TAZEWELL CO.

LOCATION						TREE REMOVAL, ACRES	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	REMOVE IMPACT ATTENUATORS, NO SALVAGE	TEMPORARY RAMP
FROM			TO														
STATION	OFFSET	LT/RT	STATION	OFFSET	LT/RT	ACRES	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ FT	SQ FT	SQ YD	FOOT	EACH	SQ YD
PR US 150																	
2157+05.85	12.83'	LT	2167+85.08	82.22'	RT	2.00											
2163+35.00	42'	RT														1	
2179+23.36			2179+38.36				39										22
2173+45.85			2179+38.36							1,652							
EX US 150																	
1106+49.30		RT	1119+43.96		RT									1,164			
1106+63.53	16.04'	RT	1109+94.43	22.34'	RT										331		
1106+68.27			1112+43.96					1,740									
1109+26.53		LT	1114+64.61		LT			1,458									
1112+43.96			1122+89.81					3,154									
1114+64.61		LT	1119+43.96		LT									153			
1119+05.00	27.13'	LT	1121+07.80	36.04'	LT										203		
1119+05.87	19.09'	RT	1121+07.47	18.66'	RT										202		
1119+43.96		LT	2179+38.36		LT									327			
1120+90.13	44.86'	LT	1123+36.74	41.85'	LT										274		
1122+80.26		RT	2179+38.36		RT									608			
RAMP SW																	
3+16.96			9+00.00					744									
3+16.96		RT	15+34.66		RT									1,064			
6+52.75		LT	15+35.97		LT									433			
9+00.00			15+34.83					984									
15+34.66		RT	20+83.02		RT									507			
15+34.83			20+19.53					779									
15+35.97		LT	20+56.44		LT									264			
20+19.53			20+61.89					105									
IL 116																	
186+03.96		LT	196+00.00		LT									935			
186+03.96			185+88.96				66										29
186+03.96			198+02.00						5,447								
191+18.09	54.8'	LT	192+81.98	59.4'	LT										164		
196+00.00		LT	197+85.21		LT									186			
197+85.21	44.5'	LT	198+42.25	106.1'	LT			51									
198+02.00		LT	209+00.00		LT				2,645								
198+51.70	52.0'	LT	198+76.22	84.6'	LT			16					332				
198+76.93	56.6'	LT	198+52.69	54.1'	LT						80						
199+72.51	136.0'	LT	200+59.94	142.0'	LT						113						
199+83.82		LT	208+07.32		LT									550			
200+09.02	45.5'	LT	204+16.26	44.5'	LT			411									
209+00.00		LT	213+40.00		LT				5,096								
213+39.73			213+54.73				48										21
208+07.32		LT	213+39.73		LT									515			
MARINA LANE INTERSECTION																	
198+05.68	195.74'	LT	198+20.68	198.56'	LT		54										25
200+53.63	174.76'	LT	200+68.63	170.00'	LT		46										21
EAST PARK																	
FAIR LANE DR											54	187					
TOTAL						2.00	253	9,442	13,188	1,652	247	187	332	6,707	1,174	1	119

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SCHED-02

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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2
	DRAWN - KRP	REVISED -
PLOT SCALE = 2.00 ' / in.	CHECKED - JDS	REVISED -
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SCHEDULE OF QUANTITIES - REMOVALS (TAZEWELL CO.)

SCALE: NONE | SHEET 2 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	TAZEWELL	1361	43
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

PAVEMENT SCHEDULE - PEORIA CO.

LOCATION						SUBBASE GRANULAR MATERIAL, TYPE A	PORTLAND CEMENT CONCRETE BASE COURSE 8 1/2"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "E", N70	WELDED WIRE REINFORCE-MENT	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	PROTECTIVE COAT	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDERS, TYPE B 6"	HOT-MIX ASPHALT SHOULDERS, 8"	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	GUARDRAIL AGGREGATE EROSION CONTROL	MATERIAL TRANSFER DEVICE	PORTLAND CEMENT CONCRETE PAVEMENT 6"	PORTLAND CEMENT CONCRETE PAVEMENT 6", SPECIAL
FROM			TO																					
STATION	OFFSET	LT/RT	STATION	OFFSET	LT/RT	TON	SQ YD	SQ YD	POUND	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD
US 150																								
2097+57.68			2098+30.00						314															
2097+57.68	12.00	RT	2098+30.00	12.00	LT												95							
2097+57.68			2106+60.48							159		159										318		
2098+30.00			2098+33.00								6											6		
2098+30.00			2106+60.48						1,814															
2098+30.00	12.00	LT	2106+60.48	12.00	LT				388	31		31										62		
2098+30.00			2106+75.48			1,683																		
2098+33.00			2106+60.48				2,868																	
2098+60.00	21.50	LT	2102+24.06	21.50	LT			131																
2102+24.06	21.50	LT	2102+80.93	21.50	LT		44																	
2102+80.65	29.52	LT	2106+75.48	20.00	LT	456																		
2102+80.68	29.50	LT	2106+55.89	60.00	LT														252					
2103+15.77	20.00	RT	2104+57.91	20.00	RT	27																		
2105+40.62	78.41	LT	2105+60.38	80.36	LT														13					
2106+59.54			2106+75.25										76	114		114								
2108+80.93	21.50	LT	2106+77.52	23.50	LT														616					
RAMP A																								
1100+00.00			1106+96.01			647																		
1100+00.00			1107+75.25						980	77		77										154		
1100+13.75			1100+72.32					27																
1100+82.50			1107+72.25				1,325																	
1106+96.01			1107+75.25			210																		
1107+72.25			1107+75.25								4											4		
RAMP B																								
1206+12.98			1206+15.98								3											3		
1206+12.98	16.00	RT	1210+76.64	16.00	RT														364					
1206+12.98			1210+77.46						612	48		48										96		
1206+12.98	22.00	RT	1211+06.69	29.50	RT													102						
1206+15.98			1210+77.46				843																	
1206+91.93			1210+92.33			548																		
1209+47.25	26.00	RT	1211+06.65	26.92	RT														96					
RAMP E																								
1500+00.00			1505+41.12												955	1,390				435				
1502+62.98	16.00	LT	1505+41.13	16.00	LT											156				156				
1503+05.62	20.00	LT	1505+63.27	25.60	LT													70						
1504+11.65	20.00	LT	1505+63.27	23.40	LT											98				98				
1505+41.12			1505+60.90										38	115		115								
IL 29 / RAMP E																								
605+42.68	27.80	RT	1505+44.38	0.00	RT	8																		
605+50.00	27.97	RT	607+45.27	31.69	RT				148	12		12					195					24		
605+50.93	27.97	RT	605+90.93	28.73	RT			16																
605+90.93	28.73	RT	607+45.27	31.69	RT		190																	
IL 29																								
603+42.14	23.40	RT	605+42.68	27.80	RT	377																		
603+42.15	31.00	LT	603+86.02	66.80	LT	9																		
603+42.15			608+92.53						3,878	202		202										404		
604+00.00	38.70	LT								21												21		
604+14.02	66.70	LT	604+33.17	23.60	LT	37																		
606+20.49	41.63	RT	607+39.94	49.01	RT													41						
608+17.20	33.00	RT	615+74.25	28.60	RT	1,089																		
608+17.32	33.00	RT	615+07.66	28.00	RT										577	577								
615+03.48	51.30	LT	615+46.88	50.00	LT	97																		
615+04.99	6.00	LT	616+16.10	6.00	LT	644																		
615+34.06	5.50	LT	615+44.07	5.50	LT																			
WEST PARK / PARKING LOT						909										1,758							1,057	701
TOTAL						6,741	5,270	174	8,134	550	13	529	114	229	1,532	4,208	290	172	1,341	689	41	1,092	1,057	701

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AGG. FOR TEMP. ACCESS SCHEDULE - PEORIA CO.

LOCATION						AGGREGATE FOR TEMPORARY ACCESS
FROM			TO			
STATION	OFFSET	LT/RT	STATION	OFFSET	LT/RT	TON
US 150						
2114+56.28	848.30	LT	2118+28.57	173.50	LT	852
					TOTAL	852

PAVEMENT PATCH SCHEDULE - PEORIA CO.

LOCATION						CLASS B PATCHES, TYPE III, 10 INCH	SAW CUTS
FROM			TO				
STATION	OFFSET	LT/RT	STATION	OFFSET	LT/RT	SQ YD	FOOT
IL 29							
615+06.98	15.60	RT	615+12.98	15.60	RT	17	50
615+06.99	33.00	LT	615+12.99	33.00	LT	25	73
615+36.11	15.70	RT	615+42.11	15.70	RT	17	50
615+36.84	32.50	LT	615+42.83	32.30	LT	24	72
					TOTAL	83	245

SCHED-03

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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - KRP	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SCHEDULE OF QUANTITIES - PAVEMENT (PEORIA CO.)

SCALE: NONE | SHEET 3 OF 8 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	TAZEWELL	1361	44
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

EARTHWORK SCHEDULE - PEORIA CO.

	BEGIN STATION	END STATION	EARTH ESCAVATION (CUT) CU YD	EMBANKMENT (FILL) CU YD	EARTHWORK BALANCE: WASTE(+) SHORTAGE(-) (20% SHRINKAGE) CU YD	FURNISHED EXCAVATION CU YD
STAGE 1A						
US 150	2105+00.00	2109+40.00	290	2,447	-2,215	
RAMP A	1105+00.00	1107+25.00	0	0	0	
RAMP B	1206+13.00	1209+00.00	625	1	500	
STAGE 1A SUBTOTAL			915	2,448	-1,715	1,715
STAGE 1B						
US 150	2097+57.69	2102+50.00	552	0	442	
US 150	2102+50.00	2105+00.00	166	0	133	
RAMP A	1105+00.00	1107+25.00	155	0	124	
RAMP B	1206+13.00	1209+00.00	33	0	27	
STAGE 1B SUBTOTAL			906	0	726	0
STAGE 1C						
US 150	2097+57.69	2102+50.00	155	0	124	
STAGE 1C SUBTOTAL			155	0	124	0
STAGE 1 TOTAL			1,976	2,448		1,715
STAGE 3						
RAMP E	1500+00.00	1506+75.00	4,092	442	2,832	
IL 29	603+50.00	607+00.00	~~2,941~~ 2,336	41	2,312	
IL 29	611+00.00	615+50.00	877	6	696	
STAGE 3 TOTAL			~~7,910~~ 7,305	489		0
STAGE 4A						
US 150	2097+57.69	2102+50.00	170	0	136	
US 150	2102+50.00	2105+00.00	215	0	172	
US 150	2105+00.00	2109+40.00	341	548	-275	
STAGE 4A SUBTOTAL			726	548	33	0
STAGE 4B						
US 150	2102+50.00	2105+00.00	30	0	24	
RAMP A	1105+00.00	1107+25.00	145	0	116	
RAMP B	1206+13.00	1209+00.00	188	0	151	
STAGE 4B SUBTOTAL			363	0	291	0
STAGE 4 TOTAL			1,089	548		0
TOTAL			10,370 ~~10,975~~	3,485		1,715

2

2

EARTHWORK SCHEDULE - TAZEWELL CO.

	BEGIN STATION	END STATION	EARTH ESCAVATION (CUT) CU YD	EMBANKMENT (FILL) CU YD	EARTHWORK BALANCE: WASTE(+) SHORTAGE(-) (20% SHRINKAGE) CU YD	FURNISHED EXCAVATION CU YD
STAGE 1						
US 150	2157+51.3	2168+00.0	262	17,346	-17,137	
RAMP SW	10+00.0	45+31.4	1,615	14,837	-13,545	
IL 116	186+50.0	198+00.0	406	1,100	-775	
STAGE 1 TOTAL			2,282	33,283	-31,457	31,457
STAGE 2						
US 150	2157+51.3	2168+00.0	1,010	6,936	-6,128	
RAMP SW	10+00.0	26+50.0	2,344	151	1,724	
STAGE 2 TOTAL			3,354	7,087	-4,404	4,404
STAGE 3						
US 150	2167+00.0	2179+38.4	663	579	-49	
RAMP SW	15+50.0	23+00.0	19	915	-900	
RAMP SW	26+50.0	31+50.0	1,011	22	786	
MARINA INTERSECTION - SEE DETAIL SHEET			4	22	-19	
STAGE 3 TOTAL			1,695	1,539	-183	183
STAGE 4						
US 150	2157+51.3	2166+50.0	768	1,891	-1,277	
US 150	2171+50.0	2179+38.4	102	548	-466	
RAMP SW	25+50.0	28+00.0	1,797	318	1,120	
RAMP SW - INFIELD GRADING) (SEE DETAIL SHEET	RAMP SW STA. 26+00.0 LT	RAMP SW STA. 29+00.0 LT	3,490	6,115	-3,323	
STAGE 4 TOTAL			6,156	8,872	-3,947	3,947
		TOTAL	13,490	50,780		39,990

STAGED EMBANKMENT AND WICK DRAIN SCHEDULE - TAZEWELL CO.

LOCATION: FROM STATION	OFFSET	LT/RT	TO STATION	OFFSET	LT/RT	WICK DRAINS FOOT	SOIL SAMPLING AND TESTING EACH	SAND DRAINAGE BLANKET CU YD	SETTLEMENT PLATFORMS EACH
US 150									
2157+35.00	35'	RT					1		
2157+51.30		RT	2162+00.00		RT	15,320			
2157+45.00	35'	RT							1
2156+64.53		RT	2162+00.00		RT			2,929	
2158+50.00	12'	RT							1
2161+50.00	40'	RT							1
					TOTAL	15,320	1	2,929	3

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SCHED-07

TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = mgormely PLOT SCALE = 2.00 ' / in. PLOT DATE = 4/5/2019	DESIGNED - MPG DRAWN - KRP CHECKED - DAJ/JDS DATE - 11/28/2018	REVISED - 4/16/2019 2 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT SCHEDULE OF QUANTITIES - EARTHWORK (PEO/TAZ) SCALE: NONE SHEET 7 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	48
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

△2 ENTIRE SHEET

PARKING LOT DETENTION STORAGE SCHEDULE - PEORIA CO.

LOCATION	ROADWAY	STATION	OFFSET	STATION	OFFSET	TRENCH BACKFILL (CU YD)	STORM SEW CL B 2 24 (FOOT)	STORM SEW CL B 2 36 (FOOT)	MAN TA 4 DIA T1F CL (EACH)	MAN TA 6 DIA T1F CL (EACH)	MAN TA 7 DIA T1F CL (EACH)	INLETS TB T1F CL (EACH)
WEST PARKING LOT	IL 29	604+68.45	91.83' RT						1			
WEST PARKING LOT	IL 29	605+66.45	91.83' RT							1		
WEST PARKING LOT	IL 29	606+77.53	91.83' RT						1			
WEST PARKING LOT	IL 29	605+66.45	101.83' RT							1		
WEST PARKING LOT	IL 29	606+77.53	101.83' RT						1			
WEST PARKING LOT	IL 29	604+68.45	133.83' RT									1
WEST PARKING LOT	IL 29	605+66.45	133.83' RT								1	
WEST PARKING LOT	IL 29	606+77.53	133.83' RT									1
WEST PARKING LOT	IL 29	604+68.45	91.83' RT	605+66.45	91.83' RT	22.7		93				
WEST PARKING LOT	IL 29	606+77.53	91.83' RT	605+66.45	91.83' RT	17.9		106				
WEST PARKING LOT	IL 29	605+66.45	91.83' RT	605+66.45	101.83' RT	1.1	4					
WEST PARKING LOT	IL 29	606+77.53	101.83' RT	605+66.45	101.83' RT	1.9		106				
WEST PARKING LOT	IL 29	605+66.45	101.83' RT	605+66.45	133.83' RT	5.0	26					
WEST PARKING LOT	IL 29	604+68.45	133.83' RT	605+66.45	133.83' RT	15.0	93					
WEST PARKING LOT	IL 29	606+77.53	133.83' RT	605+66.45	133.83' RT	15.5	106					
WEST PARKING LOT	IL 29	605+66.45	133.83' RT	605+60.45	144.83' RT	1.0	7					
					TOTALS	80	236	305	3	2	1	2

FINAL SUBMITTAL

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EFK • Moen, LLC Civil Engineering Design	USER NAME = MSpillers	DESIGNED - MYS	REVISED - △2 4/16/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - SJF	REVISED -	
	PLOT SCALE = 2.00 ' / in.	CHECKED - SBB	REVISED -	
	PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -	

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SCHEDULES OF QUANTITIES - WEST PARKING LOT

SCALE: NONE | SHEET X OF X SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEORIA	1361	50
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

EROSION CONTROL SCHEDULE - PEORIA CO.

ROADWAY	STAGE	STATION	OFFSET	STATION	OFFSET	MULCH METHOD 2 (ACRE)	HD EROS CONTROL BLANKET (SQ YD)	TEMP HD EROS CONTR BL (SQ YD)	TEMP EROS CONTR SEED (POUND)	TEMPORARY DITCH CHECKS (FOOT)	PERIMETER EROSION BARRIER (FOOT)	INLET & PIPE PROTECTION (EACH)	INLET FILTERS (EACH)	STONE DUMP RIP CL A3 (SQ YD)
US 150/ RAMP A	1&2	2097+57.68	18' RT	1107+75.25	25' RT	0.25			25		726		2	
RAMP B / US 150	1&2	1206+12.98	34' RT	2106+89.94	48' RT	0.51			51					
US 150	1&2	2106+70.00	100' RT	2107+31.85	45' RT		358	716	22		756			
IL 29	1&2	613+12.12	79' LT	615+21.69	61' LT	0.14			14					
IL 29	1&2	613+16.62	36' RT	615+24.65	41' RT	0.12			12					
US 150	1&2	2108+48.67	43' RT	2109+02.00	100' RT		118	235	7					
US 150	1&2	2109+02.00	94' RT	2109+45.47	39' RT	0.14			14					
US 150	1&2	2109+35.00	87' RT	2110+14.21	37' RT		196	392	12					
IL 29	1&2	613+17.47	39' RT	615+93.61	20.4' RT						443			
IL 29	1&2	615+13.46	66' LT	616+23.27	63' LT						118			
US 150	1&2	2090+00		2101+00									2	
US 150	1&2	2101+00		2115+00								1	17	
IL 29	1&2	603+00		614+01								2	9	
RAMP A	1&2	1109+33.6		1110+10.3						70				
US 150 (SEE NOTE 2)	1&2	2115+84.7		2118+63.9							1877			
IL 29	3	609+96.98	61' LT	610+21.10	71' LT	0.01			1					
IL 29	3	611+11.21	74' LT	611+36.32	67' LT	0.01			1					
IL 29	3	603+42.15	25' RT	606+82.12	157' RT	0.20			20					
IL 29	3	604+23.41	36' RT	605+38.95	76' RT	0.38			38					
IL 29 / RAMP E	3	605+38.80	30' RT	1504+54.70	18' RT	0.96			96					
IL 29 / RAMP E	3	606+82.26	162' RT	1505+11.83	32' RT	1.52			152					
IL 29	3	610+69.42	45' RT	612+17.21	56' RT	0.15			15					
IL 29	3	612+42.37	60' RT	613+67.86	84' RT	0.13			13					
IL 29	3	614+57.73	34' RT	615+24.70	43' RT	0.04			4					
IL 29	3	612+17.40	39' RT	614+65.00	41' RT		881	1762	54					
RAMP E	3	1505+11.83	32' RT	1506+35.91	31' RT		150	300	9					
RAMP E	3	1505+76.50	23' LT	1506+94.86	23' LT		415	830	25					
IL 29 / RAMP E	3	603+14.37	34' RT	1507+43.93	29' LT						1,291			
IL 29 / RAMP E	3	616+40.05	46' RT	1507+43.93	29' LT						469			
IL 29	3	609+92.25	58' LT	610+24.12	75' LT						44			
IL 29	3	611+10.23	76' LT	611+41.33	62' LT						38			
IL 29	3	604+24.73	36' RT	605+37.99	75' RT						191			
IL 29	3	604+29.16	38' RT	605+38.02	70' RT						180			
US 150	3	2101+00		2115+00									3	
IL 29	3	603+00		616+18.7						84		5	27	
RAMP E	3	1505+38.40	52.3' RT	1505+38.40	62.3' RT									5
IL 29	3	605+60.45	170' RT	605+60.45	180' RT									5
US 150	4	2105+37.58	82' LT	2105+62.37	117' LT	0.06			6		120			
US 150	4	2090+00		2101+00									2	
US 150	4	2101+00		2115+00									7	
					TOTALS	4.6	2118	4235	591	154	~~4376~~ 6253	8	69	10

NOTE: THREE APPLICATIONS FOR TEMP EROS CONTROL SEEDING AND MULCH METHOD 2 AND TWO APPLICATIONS FOR TEMP HD EROS CONTROL BLANKET

NOTE 2: SEE SHEET 111 "RESTRICTED CONSTRUCTION AREAS - PEORIA CO." FOR LOCATION

2

2

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EFK•Moen, LLC
Civil Engineering Design

USER NAME = MSpillers	DESIGNED - MYS	REVISED - 4/16/2019 2	
	DRAWN - MYS	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - SSB	REVISED -	
PLOT DATE = 12/10/2018	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
EROSION CONTROL - SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	{15B;[(102-1),(14HB)]BR}BR	PEORIA	1361	51
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

EROSION CONTROL SCHEDULE - TAZEWELL COUNTY

LOCATION				MULCH METHOD 2	GRADING AND SHAPING DITCHES	HD EROS CONTROL BLANKET	TEMP HD EROS CONTR BL	TURF REINFORCEMENT MAT	TEMP EROS CONTR SEED	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS	STONE DUMP RIP CL A3
BEGIN STATION	END STATION		STAGE	ACRE	FOOT	SQ YD	SQ YD	SQ YD	POUND	FOOT	FOOT	EACH	EACH	SQ YD
US 150 East Bound														
2156+64.10	2168+10.70	RT	1&2				14541	7271	450.75					
2156+64.10	2170+00.00	RT	1&2								1387			
2158+21.59		RT	1&2									1	1	
2159+00.50		RT	1&2							12				
2159+84.80	2161+10.70	LT	1&2				236	118	7.25					
2160+03.80		RT	1&2							12				
2160+72.16		RT	1&2									1	1	
2161+00.10		RT	1&2							12				
2162+03.80		RT	1&2							12				
2163+00.39		RT	1&2							12				
2163+22.90		RT	1&2									1	1	
2163+43.81		RT	1&2									1	1	32
2163+63.10		RT	1&2									1	1	
2164+01.97		RT	1&2							12				
2165+06.30		RT	1&2							12				
2166+00.40		RT	1&2							12				
2166+13.90		RT	1&2									1	1	
2167+02.50		RT	1&2							12				
2168+02.40		RT	1&2							12				
2168+10.70	21+70.00	RT	1&2			673	1347		41.75					
2168+21.80		RT	1&2											32
2168+64.50		RT	1&2									1	1	
2169+09.60		RT	1&2							12				
2169+67.87		RT	1&2									1	1	
2157+08.60	2161+07.00	LT	3	1.25					125.00					
2157+14.62		LT	3							12				
2157+69.72		LT	3		300									
2158+76.41		LT	3							12				
2160+19.24		LT	3									1		
2160+68.94		LT	3									1	1	
2163+66.52		LT	3									1	1	
2164+27.14		LT	3									1	1	
2164+27.14		LT	3											
2164+34.60	2179+38.50	LT	3	1.25					125.00					
2167+65.57		LT	3							12				
2170+65.62		LT	3							12				
2173+65.45		LT	3							12				
2176+67.17		LT	3							12				
2173+45.90	2179+38.40	RT	4	0.25					25.00					
2174+36.90	2179+38.40	RT	4								505			
SUBTOTAL				2.75	300	673	16124	7389	774.75	204	1892	12	11	108 ~~152~~ ~~44~~ 44

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ECSCH-01

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USER NAME = rwatson	DESIGNED - MJR	REVISED - 2 04/16/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - RAW	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -	

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
EROSION CONTROL - SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 2 OF 3 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	TAZEWELL	1361	52
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

EROSION CONTROL SCHEDULE - TAZEWELL COUNTY - CONTINUED

LOCATION				MULCH METHOD 2	GRADING AND SHAPING DITCHES	HD EROS CONTROL BLANKET	TEMP HD EROS CONTR BL	TURF REINFORCEMENT MAT	TEMP EROS CONTR SEED	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS	STONE DUMP RIP CL A3
BEGIN STATION	END STATION		STAGE	ACRE	FOOT	SQ YD	SQ YD	SQ YD	POUND	FOOT	FOOT	EACH	EACH	SQ YD
SOUTHWEST RAMP														
11+93.00	24+59.89	RT	1&2			2714	5428		168.25					
11+93.50	24+80.20	RT	1&2								1258			
12+43.05		RT	1&2											21
12+43.05		RT	1&2									1		
13+03.80		RT	1&2									1	1	
13+10.20		RT	1&2							12				
14+51.34		RT	1&2											20
15+01.90		RT	1&2							12				
15+54.16		RT	1&2									1	1	
16+61.91		RT	1&2									1	~~1~~	11
17+56.04		RT	1&2									1	~~1~~	40
18+09.60		RT	1&2									1	1	
19+03.96		RT	1&2									1	1	
20+61.69		RT	1&2									1	1	
20+47.07		RT	1&2									1	1	
21+47.10		RT	1&2							12		~~1~~	~~1~~	
21+87.77		RT	1&2									1	1	
22+50.80		RT	1&2							12				
23+13.42		RT	1&2									1	1	
23+53.60		RT	1&2							12				
24+59.89	25+37.82	RT	1&2	0.25					25.00					
24+82.00	26+51.50	RT	1&2			663	1326		41.00					
25+32.20	25+93.40	RT	1&2	0.25					25.00					
25+89.80		RT	1&2									~~1~~	~~1~~	
25+93.40	26+98.00	RT	1&2								271			
25+89.77		RT	1&2									1	1	
26+09.50	26+76.00	LT	1&2			137	275		8.50					
26+43.00		RT	1&2									1	~~1~~	17
26+87.90		RT	1&2									1	~~1~~	
26+96.50	31+50.70	LT	1&2	0.50					50.00					
26+97.40		RT	1&2									1	~~1~~	
26+98.00	31+68.30	RT	1&2			2281	4563		141.50					
28+34.70		LT	1&2									1		
28+89.40		LT	1&2							12				
28+99.50		RT	1&2							12				
30+99.00		RT	1&2							12				
31+68.30	37+00.00	RT	1&2	0.50					50.00					
32+40.00		RT	1&2									1	1	
32+62.10		RT	1&2											32
34+00.80	37+00.00	RT	1&2								299			
14+18.28		LT	3									1	1	
15+48.61	24+21.85	LT	3	0.50										
17+14.40	23+15.30	LT	3		619									
17+23.52		LT	3									1	1	
23+15.20	26+09.80	LT	3								301			
24+21.85	26+09.81	LT	3			228	456		14.25					
25+20.60	28+72.20	LT	3	0.75					75.00					
26+87.90		LT	3									1	~~1~~	
26+97.40		LT	3									1	~~1~~	
US 24 US 150 ILL 116 MAIN STREET														
186+04.00	190+00.10	LT	1&2								396			
186+04.00	198+05.00	LT	1&2	0.75	812				75.00					
191+59.80		LT	1&2									1	1	
193+69.28	199+49.02	LT	1&2		480									
194+41.40		LT	1&2							12				
194+40.60		RT	1&2									1	1	
196+54.70		LT	1&2									1	1	
196+61.60		LT	1&2							12				
199+55.30	208+06.80	LT	1&2	0.50					50.00					
199+61.80		LT	1&2									1	1	
199+74.27		LT	1&2											246
206+03.00	208+06.80	LT	1&2								749			
SUBTOTAL				4.00	1911	6024	12047	0.0	723.50	120	3275	25 ~~27~~	16 ~~25~~	387
TOTAL				6.75	2212	6697	28171	7389	1498.25	324	5167	37 ~~39~~	27 ~~36~~	495 ~~539~~

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ECSCH-02

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USER NAME = tlopez	DESIGNED - TN	REVISED - 2 04/16/2019	
	DRAWN - RW	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - JP	REVISED -	
PLOT DATE = 4/4/2019	DATE - 11/28/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
EROSION CONTROL - SCHEDULE QUANTITIES

SCALE: N/A | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	TAZEWELL	1361	53
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

2

DRAINAGE STRUCTURE SCHEDULE - PEORIA CO.

PLAN DRAIN STRUCT I.D.	STATION	OFFSET	PRC FLAR END SEC 12 (EACH)	FL INLT BX MED 542546 (EACH)	MH TA 6DT3FG T1FCL RP (EACH)	MAN TA 4 DIA T1F CL (EACH)	MAN TA 4 DIA T8G (EACH)	MAN TA 5 DIA T1F CL (EACH)	MAN TA 7 DIA T8G (EACH)	INLETS TA T20 F&G (EACH)	INLETS TB T1F OL (EACH)	INLETS TB T20 F&G (EACH)	MAN ADJ NEW T1F OL (EACH)	MAN ADJ NEW T1F CL (EACH)	DR STR T4 W/1 T20F&G (EACH)	DR STR T5 W/1 T22F&G (EACH)	DR STR T5 W/2 T22F&G (EACH)	TY F INLET BOX 610001 (EACH)	PRO SS CONN TO EX MAN (EACH)	INLETS TG-1 DBL (SPL) (EACH)	INLETS TG-1 (EACH)	INLETS TG-1 SPL (EACH)	INLET ADJ NEW F&G SPL (EACH)	DRAINAGE STR ADJ SPL (EACH)
US 150																								
101	2099+63	28.93' RT.																				1		
102	2099+63	21.50'LT.(WB)															1							
	2099+63	14.50'LT.(EB)																						
103	2101+91.33	28.00' RT.																				1		
104	2102+57.87	28.39' RT.																		1				
105	2102+64.92	29.62' RT.																						
106	2102+64	21.50'LT.(WB)															1							
	2102+64	14.50'LT.(EB)																						
107	2104+31.00	27.00' LT.		1																				1
107A	2105+50.0	34.00' LT.		1																				
107B	2105+50.00	84.55' LT.				1																		
108	2104+35.00	15.87' LT.										1												
109	2104+43.20	20.00' RT.																			1			
110	2103+78	20.00' RT.																			1			
111	2106+55.00	20.00' LT.								1														
112	2106+57.55	43.10' LT.		1																				
113	2109+29.33	35.45' RT.								1														
114	2109+28.24	22.09' LT.										1												
115	2109+30.56	61.37' LT.											1						1					
IL 29																								
116	615+10.00	29.95' RT.																				1		
117	615+10.00	5.79' LT.									1													
118	615+10.00	51.22' LT.																			1			
119	613+34.59	68.93' LT.																	1					
120	613+39.50	33.36' RT.																				1		
121	605+65.09	31.01' RT.																						
122	605+58.16	30.01' RT.																		1				
123	605+12.86	27.24' RT.																			1			
124	605+12.57	42.17' RT.				1																		
125	605+63.06	45.07' RT.					1																	
130	610+76.60	42.58' RT.																				1		
131	611+26.55	40.33' RT.																				1		
134	603+48.68	30.15' LT.																			1			
135	603+80.68	31.72' LT.						1																
136	603.86.92	60.21' LT.																			1			
137	604+13.09	60.14' LT.																			1			
138	610+71.90	174.65' LT.																						1
139	611+26.13	32.28' RT.												1										
RAMP E																								
126	1500+63.05	21.04' RT.					1																	
127	1501+50.00	23.74' RT.					1																	
128	1503+17.53	24.90' RT.					1																	
129	1503+84.02	21.41' RT.							1															
132*	1505+40.87	14.5' RT																1						
133	1505+38.60	46.35' RT.	1																					
140	1500+62.14	6.00' RT														1								
141	1501+50.00	6.00' RT														1								
142	1502+97.53	6.00' RT													1									
143	1503+07.53	6.00' RT														1								
144	1503+17.53	6.00' RT													1									
145	1504+37.25	11.30' RT														1								
PARKING LOT																								
146**	605+60.45	144.83' RT			1																			
147	605+60.45	163.76' RT	1																					
		TOTALS	2	3	1	2	4	1	1	2	1	2	1	1	2	4	2	1	2	2	7	6	1	1

* STATION, OFFSET AND ELEVATION OF 132 IS TO FACE OF BARRIER AT CENTERLINE OF PROPOSED GRATE
** STATION, OFFSET AND ELEVATION OF 146 IS TO FACE OF CURB AT CENTERLINE OF PROPOSED GRATE

NOTE: LOCATION STATION, OFFSET, AND ELEVATION GIVEN FOR PROPOSED DRAINAGE STRUCTURES ARE TO EDGE OF PAVEMENT AT THE CENTERLINE OF THE GRATE UNLESS OTHERWISE NOTED. WITH THE EXCEPTION OF TYPE 1 FRAME AND LIDS, TYPE 8 FRAME AND GRATES, AND FLUSH INLET BOXES FOR MEDIAN WHICH ARE GIVEN TO CENTER OF FRAME AND GRATE.

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EFK•Moen, LLC
Civil Engineering Design

USER NAME = MSpillers	DESIGNED - MYS	REVISED - 2 4/16/2019	
	DRAWN - MYS	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - SSB	REVISED -	
PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
DRAINAGE - SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 2 OF 6 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEORIA	1361	55
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

DRAINAGE REMOVAL SCHEDULE - TAZEWELL COUNTY

STATION	OFFSET	LT/RT	STATION	OFFSET	LT/RT	PAVED DITCH REMOVAL	CONCRETE HEADWALL REMOVAL	PIPE CULVERT REMOVAL	REMOVING CATCH BASINS	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	REMOVE EXISTING FLARED END SECTION
						FOOT	EACH	FOOT	EACH	EACH	EACH	EACH
US 150												
2160+22.28	58.0	LT										1
2160+22.28	58.0	LT	2160+74.38	55.1	LT			52				
2160+74.38	55.1	LT							1			
2160+74.38	55.1	LT	2163+68.17	38.6	LT			296				
2163+66.52	41.0	LT								1		
2163+68.17	38.6	LT							1			
2163+68.17	38.6	LT	2164+30.77	38.8	LT			63				
2164+30.77	38.8	LT										1
2176+75.38	30.1	LT	2179+38.36	31.0	LT	262 ~~78~~						
RAMPS SW												
14+33.37	26.1	RT										1
14+33.37	26.1	RT	14+78.46	61.0	RT			57				
14+78.46	61.0	RT									1	
17+13.98	45.8	LT					1					
17+13.98	45.8	LT	17+12.12	9.7	RT			56				
17+12.12	9.7	RT					1					
IL ROUTE 116												
196+54.50	71.4	RT									1	
196+54.98	4.9	LT										
					TOTAL	262 ~~78~~	2	524	2	1	2	3

2

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DRAINSCH-04

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USER NAME = rwatson	DESIGNED - MJR	REVISED - 2 04/16/2019
	DRAWN - RAW	REVISED -
PLOT SCALE = 2.00 ' / in.	CHECKED - RDC	REVISED -
PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
DRAINAGE - SCHEDULE OF QUANTITIES

SCALE: NONE | SHEET 4 OF 6 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	TAZEWELL	1361	57
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

LANDSCAPE SCHEDULE - PEORIA

BEGIN STATION	END STATION		T-GINKGO BILOBA 2 EACH	S-RHUS AROMA GRO 18 EACH	MULCH SQ YD	TEMPORARY FENCE FOOT	TOPSOIL FURNISH AND PLACE, 4" SQ YD	SEEDING, CLASS 2A ACRE	SEEDING, CLASS 3 ACRE	SEEDING, CLASS 5B ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	INTERSEEDING, CLASS 5C ACRE	MULCH, METHOD 2 ACRE
US ROUTE 150															
2108+39.9	2118+24.8	LT/RT					8255								
2108+39.9	2110+15.7	LT							0.21		19	19	19		0.21
2108+55.0	2110+18.3	RT							0.07		6	6	6		0.07
2111+15.2	2111+48.4	LT							0.04		4	4	4		0.04
2111+49.1	2114+99.9	LT							0.64		58	58	58		0.64
2114+99.9	2118+63.9	LT								0.74	67	67	67		0.74
2115+97.1	2118+24.8	RT				1042									
RAMP A															
1100+00.0	1107+75.2	LT/RT					387								
1100+00.0	1107+75.2	RT						0.08			7	7	7		0.08
RAMP B															
1206+13.6	1211+52.0	LT/RT					1694								
1206+13.6	1210+16.6	RT						0.15			14	14	14		0.15
1210+16.6	1211+52.0	RT							0.20		18	18	18		0.20
IL RT 29															
603+50.1	615+23.5	LT/RT					~~6050~~ ~~5918~~								
603+50.1	612+79.7	RT						0.38			34	34	34		0.38
604+23.9	605+56.8	RT						0.13			11	11	11		0.13
605+38.8	611+95.9	RT						0.34			31	31	31		0.34
606+08.0	606+82.1	RT		60	135						3	3	3		0.03
606+14.5		RT	1												
606+35.5		RT	1												
606+56.5		RT	1												
606+77.5		RT	4												
606+97.1	611+01.8	RT									28	28	28	0.31	0.31
613+12.0	615+23.5	LT						0.06			5	5	5		0.06
RAMP E															
1503+24.1	1515+43.7	LT/RT					~~6100~~ ~~7227~~								
1503+24.1	1506+75.7	LT						0.19			17	17	17		0.19
1504+89.1	1506+75.5	LT									26	26	26	0.29	0.29
1505+61.8	1506+73.8	RT							0.05		5	5	5		0.05
1505+61.8	1507+55.4	LT							0.09		8	8	8		0.09
1506+28.9	~~15+06.2~~	LT						0.13			12	12	12		0.13
1508+16.7	1508+57.8	RT							~~0.03~~ ~~0.27~~		~~3~~ ~~24~~	~~3~~ ~~24~~	~~3~~ ~~24~~		~~0.03~~ ~~0.27~~
1508+72.2	1512+24.5	RT							0.29		26	26	26		0.29
1512+24.5	1515+43.7	RT								0.19	17	17	17		0.19
TOTAL			7	60	135	1042	~~23482~~ 22486	1.50	1.75 ~~2.00~~	1.00	419 ~~439~~	419 ~~439~~	419 ~~439~~	0.75	4.75 ~~5.00~~

2

2

FINAL SUBMITTAL

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LSCSCH-01

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USER NAME = rwatson	DESIGNED -	REVISED - 2 04/16/2019	
	DRAWN -	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 4/3/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
LANDSCAPE SCHEDULE

SCALE: N/A | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	60
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

NEW SHEET 2

STAGING SCHEDULE - PAVEMENT MARKING

LOCATION				SHORT TERM PAVT MKING	SHORT TRM PAVT MK REM	PAVT MARK TAPE T4 L&S	PAVT MARK TAPE T4 4	PAVT MARK TAPE T4 6	PAVT MARK TAPE T4 12	PAVT MARK TAPE T4 24	TEMP PAVT MKING REMOV
	BEGIN STATION	END STATION		FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
STAGE 1A											
US 150 (PEO)	2098+30.00	2109+56.00	LT				1127				376
US 150 (PEO)	2098+30.00	2109+56.00	LT				282				94
US 150 (PEO)	2100+64.00	2103+05.80	RT				242				81
US 150 (PEO)	2100+64.00	2102+84.70	RT				221				74
US 150 (PEO)	2103+41.10		RT							38	75
US 150 (PEO)	2103+93.30	2109+57.50	LT				565				188
US 150 (TAZ)	2156+57.00	2175+00.00	LT				1844				615
US 150 (TAZ)	2156+57.00	2171+11.00	RT				1455				485
US 150 (TAZ)	2156+57.00	2175+00.00	RT				461				154
US 150 (TAZ)	2171+11.00	2172+65.40	RT				39				13
US 150 (TAZ)	2172+65.40	2175+00.00	RT				235				78
RAMP A (PEO)	1103+56.00					36					36
RAMP A (PEO)	1105+93.50	1112+42.00	LT				1297				432
RAMP A (PEO)	1106+69.50	1109+53.30	RT				284				95
RAMP B (PEO)	1204+04.00	1208+30.70	LT				431				144
IL RTE 29 (PEO)	610+67.80	616+47.70	LT				583				194
IL RTE 29 (PEO)	611+77.00	616+32.80	RT				456				152
IL RTE 29 (PEO)	614+09.80	619+05.50	LT				496				165
RAMP SW (TAZ)	12+97.80	15+65.00	LT				268				89
RAMP SW (TAZ)	14+52.00	15+65.00	LT				114				38
STAGE 1B											
US 150 (PEO)	2088+00.00	2091+61.80	RT				362				121
US 150 (PEO)	2091+61.80	2092+13.40	RT				13				4
US 150 (PEO)	2091+61.80	2092+02.30	RT				42				14
US 150 (PEO)	2094+19.50	2102+40.50	LT				822				274
US 150 (PEO)	2094+46.30	2095+49.00	LT				205				68
US 150 (PEO)	2095+49.00	2107+45.00	LT				1196				399
US 150 (PEO)	2095+77.60	2105+48.00	LT				971				324
US 150 (PEO)	2102+40.50	2102+83.10	LT				11				4
US 150 (PEO)	2102+83.10	2106+82.80	LT				400				133
US 150 (PEO)	2106+82.80	2110+61.90	LT				95				32
RAMP A (PEO)	1104+82.60	1108+67.80	RT				387				129
RAMP A (PEO)	1105+24.10	1107+12.50	LT				189				63
RAMP B (PEO)	1201+01.20	1206+75.80	RT				1149				383
RAMP B (PEO)	1206+75.80	1211+14.70	LT				441				147
RAMP B (PEO)	1206+13.00	1211+63.00	LT				552				184
STAGE 1C											
US 150 (PEO)	2088+07.00	2093+47.40	RT				541				180
US 150 (PEO)	2092+43.80	2093+47.40	RT					103.60			52
US 150 (PEO)	2094+45.20	2106+96.30	LT				1252				417
US 150 (PEO)	2094+45.00	2098+29.60	RT				385				128
US 150 (PEO)	2098+29.60	2100+58.40	RT				57				19
US 150 (PEO)	2100+58.40	2106+96.30	LT				639				213
US 150 (PEO)	2106+96.30	2108+92.30	LT				51				17
RAMP A (PEO)	1100+71.90	1107+75.30	RT				704				235
RAMP A (PEO)	1105+05.30	1107+07.60	RT				202				67
RAMP A (PEO)	1107+07.60	1112+96.30	LT				1177				392
RAMP B (PEO)	1205+65.10	1206+79.90	RT				230				77
RAMP B (PEO)	1206+13.20	1211+17.00	LT				506				169
RAMP B (PEO)	1206+79.90	1211+15.60	LT				438				146
STAGE 2											
US 150 (PEO)	2097+57.00	2102+77.00	RT				130				43
US 150 (PEO)	2098+30.10	2108+92.30	LT				266				89
US 150 (PEO)	2098+30.10	2108+32.40	LT				1003				334
US 150 (PEO)	2102+77.70	2103+65.80	RT				88				29
US 150 (PEO)	2103+65.80	2104+27.60	RT				15				5
US 150 (PEO)	2104+27.60	2108+34.70	LT				408				136
US 150 (TAZ)	2165+57.20	2171+00.50	RT				545				182
US 150 (TAZ)	2165+57.20	2175+00.00	RT				236				79
US 150 (TAZ)	2165+57.20	2175+00.00	LT				944				315
US 150 (TAZ)	2171+00.50	2172+65.40	RT				41				14
US 150 (TAZ)	2172+65.40	2175+00.00	RT				59				20
RAMP A (PEO)	1105+20.00	1107+15.80	LT				196				65
RAMP A (PEO)	1107+15.80	1111+31.60	RT				832				277
RAMP B (PEO)	1206+13.00	1206+70.20	RT				115				38
RAMP B (PEO)	1206+70.20	1208+10.00	LT				150				50
RAMP B (PEO)	1206+70.20	1208+54.80	LT				190				63
RAMP SW (TAZ)	12+86.30	26+45.30	LT				1359				453
RAMP SW (TAZ)	14+51.60	26+40.70	LT				1189				396

STAGING SCHEDULE - PAVEMENT MARKING (CONTINUED)

LOCATION				SHORT TERM PAVT MKING	SHORT TRM PAVT MK REM	PAVT MARK TAPE T4 L&S	PAVT MARK TAPE T4 4	PAVT MARK TAPE T4 6	PAVT MARK TAPE T4 12	PAVT MARK TAPE T4 24	TEMP PAVT MKING REMOV
	BEGIN STATION	END STATION		FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
STAGE 3											
US 150 (PEO)	2097+57.70	2099+77.70	RT				55				18
US 150 (PEO)	2097+57.70	2102+70.40	LT				128				43
US 150 (PEO)	2097+57.70	2112+33.90	LT				1477				492
US 150 (PEO)	2099+77.70	2108+93.20	LT				917				306
US 150 (PEO)	2106+90.50	2113+68.50	LT				679				226
US 150 (PEO)	2108+92.00	2112+34.60	LT				86				29
US 150 (TAZ)	2156+57.20	2181+64.60	LT				2509				836
US 150 (TAZ)	2156+57.20	2166+51.20	RT				997				332
US 150 (TAZ)	2156+57.20	2169+27.00	RT				1272				424
US 150 (TAZ)	2166+51.20	2181+64.60	RT				378				126
US 150 (TAZ)	2169+27.00	2171+00.00	RT				43				14
US 150 (TAZ)	2171+00.00	2181+64.60	RT				1065				355
IL RTE 29 (PEO)	601+00.00	616+41.70	RT				1542				514
IL RTE 29 (PEO)	603+41.00	609+08.00		851	284						
IL RTE 29 (PEO)	604+33.10	610+56.10	LT				1246				415
IL RTE 29 (PEO)	604+33.10	609+53.50	LT				130				43
IL RTE 29 (PEO)	604+33.10	607+05.10	RT				68				23
IL RTE 29 (PEO)	607+05.10	610+55.70	RT					350.60			175
IL RTE 29 (PEO)	607+34.70	610+35.60	RT			73					73
IL RTE 29 (PEO)	610+56.90		RT							26	51
IL RTE 29 (PEO)	611+43.60		LT							14	27
IL RTE 29 (PEO)	611+43.80	615+03.60	LT				360				120
IL RTE 29 (PEO)	611+43.80	615+03.60	LT				360				120
IL RTE 29 (PEO)	611+64.20	615+44.60	LT			73					73
IL RTE 116 (TAZ	180+02.00	189+53.70	LT				238				79
IL RTE 116 (TAZ	185+54.00	198+02.80	LT				1249				416
IL RTE 116 (TAZ	186+04.00	197+83.80	LT				295				98
IL RTE 116 (TAZ	186+05.00	213+40.00		2462	821						0
IL RTE 116 (TAZ	189+53.70	192+58.60	LT				305				102
IL RTE 116 (TAZ	192+58.60	196+51.10	LT				98				33
IL RTE 116 (TAZ	196+51.10	198+68.10	LT				218				73
IL RTE 116 (TAZ	196+56.00	215+57.10	LT				1901				634
IL RTE 116 (TAZ	199+99.60	215+57.50	LT				389				130
IL RTE 116 (TAZ	200+18.00	215+57.90	LT				1540				513
RAMP A (PEO)	1102+66.00	1106+96.00	LT				430				143
RAMP A (PEO)	1106+95.90	1113+36.00	LT				1280				427
RAMP A (PEO)	1113+20.00					42					42
RAMP A (PEO)	1113+34.50		RT							26	51
RAMP A (PEO)	1113+35.90		RT				348				116
RAMP A (PEO)	1113+36.00		RT							14	28
RAMP B (PEO)	1200+42.27		RT				120				40
RAMP B (PEO)	1200+50.50		RT							18	35
RAMP B (PEO)	1208+62.70	1211+08.40	LT				250				83
RAMP B (PEO)	1208+62.70	1210+74.20	LT				215				72
RAMP SW (TAZ)	11+16.10	24+06.10	LT				1290				430
RAMP SW (TAZ)	12+93.30	24+51.70	LT				1159				386
STAGE 4A											
US 150 (PEO)	2095+48.00	2110+05.50	RT				364				121
US 150 (PEO)	2095+48.00	2110+05.50	RT				1457				486
US 150 (PEO)	2095+48.00	2102+54.20	RT				706				235
US 150 (PEO)	2095+62.00	2108+04.40	LT				1244				415
US 150 (PEO)	2097+57.00	2106+75.00		1469	490						0
US 150 (PEO)	2098+39.80	2101+38.40	LT				299				100
US 150 (PEO)	2098+39.80	2108+08.30	LT				242				81
US 150 (PEO)	2102+54.20	2102+99.70	RT				11				4
US 150 (PEO)	2102+99.70	2104+73.30	RT				174				58
US 150 (PEO)	2104+73.30	2106+75.60	RT				51				17
US 150 (PEO)	2106+75.60	2110+05.20	RT				330				110
US 150 (TAZ)	2110+05.20	2180+46.70	LT				7042				2347
US 150 (TAZ)	2110+05.20	2143+00.00	RT				824				275
US 150 (TAZ)	2110+05.20	2112+31.80	RT				227				76
US 150 (TAZ)	2112+25.00	2129+65.00								287	287
US 150 (TAZ)	2112+27.60	2129+57.50	RT					1730.20			865
US 150 (TAZ)	2112+28.00	2168+11.50	RT				5584				1861
US 150 (TAZ)	2112+31.80	2129+57.50	RT					1725.80			863
US 150 (TAZ)	2142+72.60	2180+46.70	RT				944				315
US 150 (TAZ)	2157+51.00	2179+38.00		1968	656						0
US 150 (TAZ)	2166+99.60	2169+57.60	RT				65				22
US 150 (TAZ)	2169+57.60	2180+46.80	RT				1089				363
RAMP B (PEO)	1206+13.00	1208+89.00	RT				276				92
RAMP B (PEO)	1206+13.00	1210+76.80	RT				464				155
IL RTE 29 (PEO)	612+75.00	616+80.80	RT				406				135
RAMP E (PEO)	1504+54.80	1509+52.20	RT				497				166
RAMP E (PEO)	1504+54.80	1509+52.20	LT				498				166

STGSCH-01

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USER NAME = tlopez	DESIGNED - TN	REVISED - 2 04/16/2019	
	DRAWN - JP	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - RW	REVISED -	
PLOT DATE = 4/3/2019	DATE - 04/16/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MAINTENANCE OF TRAFFIC SCHEDULES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA/TAZ	1361	61A
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

LANDSCAPE SCHEDULE - TAZEWELL

BEGIN STATION	END STATION		TOPSOIL FURNISH AND PLACE, 4" SQ YD	SEEDING, CLASS 2A ACRE	SEEDING, CLASS 3 ACRE	SEEDING, CLASS 5B ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	INTERSEEDING, CLASS 5C ACRE	MULCH, METHOD 2 ACRE	GUARDRAIL AGGREGATE EROSION CONTROL TON
US ROUTE 150												
2156+60.7	2179+38.4	LT/RT	13362									
~~2156+60.7~~	~~2157+50.0~~	LT			0.14		12	12	12		0.14	
~~2157+50.0~~	2161+11.1	LT		0.43			39	39	39		0.43	
~~2157+62.1~~	2160+99.9	RT			0.20		18	18	18		0.20	
~~2157+72.1~~	2170+00.0	RT		0.81			73	73	73		0.81	
2156+88.0	2166+70.9	RT				0.70	63	63	63		0.70	
2164+16.7	2179+38.5	LT		0.40			36	36	36		0.40	
2175+70.6	2179+38.4	RT		0.08			8	8	8		0.08	
Ramp SW												
11+93.7	30+89.1	LT/RT	19104									
11+93.7	25+39.3	RT		0.82			74	74	74		0.82	
15+49.1	16+10.0	LT										20
16+10.0	31+50.7	LT		0.84			75	75	75		0.84	
24+81.7	26+67.5	RT		0.28			25	25	25		0.28	
25+97.3	26+24.9	RT		0.02			2	2	2		0.02	
26+24.9	26+63.3	RT				0.02	2	2	2		0.02	
26+67.5	37+00.0	RT		0.95			86	86	86		0.95	
~~27+06.2~~	~~27+60.2~~	~~RT~~ LT					91	91	91	1.01	1.01	
IL ROUTE 116												
186+04.1	208+06.5	LT/RT	7951									
186+04.1	198+05.0	LT		0.75			68	68	68		0.75	
193+55.6	196+68.7	LT		0.05			5	5	5		0.05	
193+55.0	196+68.7	RT		0.05			5	5	5		0.05	
199+41.7	208+06.5	LT		0.79			71	71	71		0.79	
TOTAL			40418	6.50	0.50	0.75	752	752	752	1.25	8.50	20

2157+50.0
2156+72.1
2156+72.1

△2

LSCSCH-02

FINAL SUBMITTAL

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USER NAME = rwatson	DESIGNED -	REVISED - △2 04/16/2019	
	DRAWN -	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - 04/16/2019	REVISED -	
PLOT DATE = 4/3/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
LANDSCAPE SCHEDULE

SCALE: N/A | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	TAZEWELL	1361	61
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT	NHPP-YRP3(905)		

NEW SHEET (2)

STAGING SCHEDULE - PAVEMENT MARKING (CONTINUED)

LOCATION				SHORT TERM PAVT MKING	SHORT TRM PAVT MK REM	PAVT MARK TAPE T4 L&S	PAVT MARK TAPE T4 4	PAVT MARK TAPE T4 6	PAVT MARK TAPE T4 12	PAVT MARK TAPE T4 24	TEMP PAVT MKING REMOV
	BEGIN STATION	END STATION		FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
STAGE 4A											
RAMP SW (TAZ)	10+00.00	20+75.60	RT				1076				359
RAMP SW (TAZ)	11+45.50	23+25.50	LT				1180				393
STAGE 4B											
US 150 (PEO)	2098+30.00	2101+50.70	RT				80				27
US 150 (PEO)	2098+30.00	2110+05.20	LT				294				98
US 150 (PEO)	2098+30.00	2110+05.20	LT				1175				392
US 150 (PEO)	2101+50.70	2109+57.00	RT				806				269
US 150 (PEO)	2104+75.20	2108+38.20	RT				363				121
US 150 (PEO)	2109+57.00	2110+05.20	RT				12				4
US 150 (TAZ)	2110+05.20	2112+28.00	LT				223				74
US 150 (TAZ)	2110+05.20	2112+28.00	LT				56				19
US 150 (TAZ)	2110+05.20	2112+28.00	RT				56				19
US 150 (TAZ)	2110+05.20	2112+28.00	RT				223				74
US 150 (TAZ)	2157+51.00	2177+00.00	RT				487				162
US 150 (TAZ)	2157+51.00	2167+94.00	RT				261				87
US 150 (TAZ)	2167+94.00	2177+01.60	RT				908				303
US 150 (TAZ)	2165+39.00	2177+00.00	LT				1161				387
US 150 (TAZ)	2165+39.00	2169+27.70	RT				389				130
RAMP A (PEO)	1103+94.90	1112+94.50	RT				900				300
RAMP A (PEO)	1107+75.30	1113+29.40	RT				555				185
RAMP B (PEO)	1201+05.10	1213+15.50	LT				1210				403
RAMP B (PEO)	1201+54.20	1208+88.60	RT				734				245
RAMP SW (TAZ)	10+00.00	17+14.80	LT				715				238
RAMP SW (TAZ)	11+16.70	17+47.50	RT				631				210
TOTAL				6749	2251	224	92099	3910	287	134	33433

STAGING SCHEDULE

	CHANGEABLE MESSAGE SN CAL DA
STAGE 1A	
US 150 (PEO)	39
NB IL RTE 29 (PEO)	117
SB IL RTE 29 (PEO)	117
STAGE 1B	
US 150 (PEO)	39
STAGE 1C	
US 150 (PEO)	39
STAGE 2	
US 150 (PEO)	117
STAGE 3	
US 150 (PEO)	117
IL RTE 116 (TAZ)	117
STAGE 4A	
US 150 (PEO)	58.5
IL RTE 29 (PEO)	117
SB IL RTE 29 (PEO)	117
STAGE 4B	
US 150 (PEO)	58.5
TOTAL	1053

STAGING SCHEDULE

LOCATION				TEMP CONC BARRIER	REL TEMP CONC BARRIER	IMP ATTN TEMP FRN TL3	IMP ATTN REL FRN TL3	BARR WALL REF TYPE B	RAISED REF PVT MK REM	FLEXIBLE DELINEATORS	PVMT MRKG REM WTR BL	TEMP PAVT REMOVAL	MOD GLAR SCRN SYS SPL	PIN TEMP CONC BARRIER	TEMP INFO SIGNING	TEMP PAVEMENT	TEMP PAVEMENT VAR DEPTH
	BEGIN STATION	END STATION		FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	SQ FT	SQ YD	FOOT	EACH	SQ FT	SQ YD	TON
STAGE 1A																	
US 150 (PEO)	2098+30.00	2109+56.00							56		4513						
US 150 (PEO)	2102+00.00		RT												105		
US 150 (PEO)	2104+52.30		RT			1											
US 150 (PEO)	2104+52.30	2106+97.40	LT	245.5				10						118			
US 150 (PEO)	2105+54.10	2106+66.80										140					13
US 150 (PEO)	2106+25.00		RT												63		
US 150 (TAZ)	2156+57.00	2175+00.00	LT			1											
US 150 (TAZ)	2157+43.00	2171+00.50	RT	1358.1				54						652			
US 150 (TAZ)	2156+57.00	2175+00.00							92		1991						
US 150 (TAZ)	2159+12.00		LT												201		
US 150 (TAZ)	2165+19.30	2175+00.00	LT									1093				1093	
US 150 (TAZ)	2169+25.00		RT												219		
US 150 (TAZ)	2175+20.00		RT												119		
IL RTE 29 (PEO)	614+71.30	615+79.10	RT	107.8		1		4						52			
IL RTE 29 (PEO)	614+72.00		RT												47		
IL RTE 29 (PEO)	614+83.00	616+37.50	LT	154.5				6						74			
IL RTE 29 (PEO)	616+37.50		RT			1											
RAMP A/B (PEO)	1105+00.00	1114+00.00									600						
RAMP A/B (PEO)	1105+58.50	1112+43.00										560				560	
RAMP A/B (PEO)	1105+95.00	1110+00.00	LT							20							
RAMP SW (TAZ)	10+79.00	35+40.00									794						
RAMP SW (TAZ)	11+50.00	14+50.00	LT									187				187	
RAMP SW (TAZ)	16+02.00	26+38.70	LT									1009				1009	
STAGE 1B																	
US 150 (PEO)	2094+46.00	2156+57.00							311								
US 150 (PEO)	2098+30.00	2102+40.00	LT	410				16						197			
US 150 (PEO)	2098+30.00		RT				1										
US 150 (PEO)	2102+83.10	2106+82.80	LT			1											
US 150 (PEO)	2103+20.00	2105+00.00	LT	180.1		1		7						86			
US 150 (PEO)	2106+29.40	2106+92.30	LT	63.7				3						31			
US 150 (PEO)	2106+29.40		RT				1										
RAMP A (PEO)	1104+82.30	1107+75.00	RT	293.5				12						142			
RAMP A/B (PEO)	1205+00.00	1206+75.80	RT							9							
STAGE 1C																	
US 150 (PEO)	2088+07.00	2094+56.00							32								
US 150 (PEO)	2094+45.00	2098+29.60	RT				1										
US 150 (PEO)	2097+80.00	2102+63.00	RT	483				19						232			
US 150 (PEO)	2098+00.00	2102+82.00	RT	484				19						232			
RAMP B (PEO)	1210+47.10	1211+09.50	LT	63			1	3						30			
STAGE 2																	
US 150 (PEO)	2106+27.80	2106+90.00	LT	62.4			1	2						30			
US 150 (TAZ)	2157+21.00	2171+00.50	RT	1380.1			1	55						662			
STAGE 3																	
US 150 (PEO)	2105+84.50		RT				1										
US 150 (PEO)	2105+84.50	2112+44.80	LT		663			27						318			
US 150 (TAZ)	2106+75.00	2157+51.00	RT										5076				
US 150 (TAZ)	2109+56.00	2112+45.00							14								
US 150 (TAZ)	2157+19.00	2162+20.80	RT		502.9			20						241			
US 150 (TAZ)	2157+19.40		LT				1										
US 150 (TAZ)	2160+00.00	2163+55.60	RT									319		0		319	
US 150 (TAZ)	2167+00.00		LT				1							0			
US 150 (TAZ)	2167+00.00	2173+45.40	RT		645.4			26						310			
US 150 (TAZ)	2175+00.00	2179+38.00							22								
IL RTE 116 (TAZ	185+92.00	215+57.00							148		2955						
IL RTE 116 (TAZ	186+04.00	198+02.80	LT		1198.8			48						575			
IL RTE 116 (TAZ	198+02.80		LT				1										
IL RTE 116 (TAZ	200+18.00	213+55.00	LT		1337			53						642			
IL RTE 116 (TAZ	213+55.00		LT				1										
US 150 (PEO)	2106+52.00	2110+06.00	RT		354		1	14						170			
IL RTE 29 (PEO)	603+42.00	615+74.00							62		4262						
IL RTE 29 (PEO)	615+23.00	616+21.80	RT		98.8		1	4						47			
IL RTE 29 (PEO)	615+30.00	617+18.00	LT		188.1		1	8						90			
TOTAL				5286	4988	6	14	411	738	29	15115	3307	5076	4932	754	3167	13

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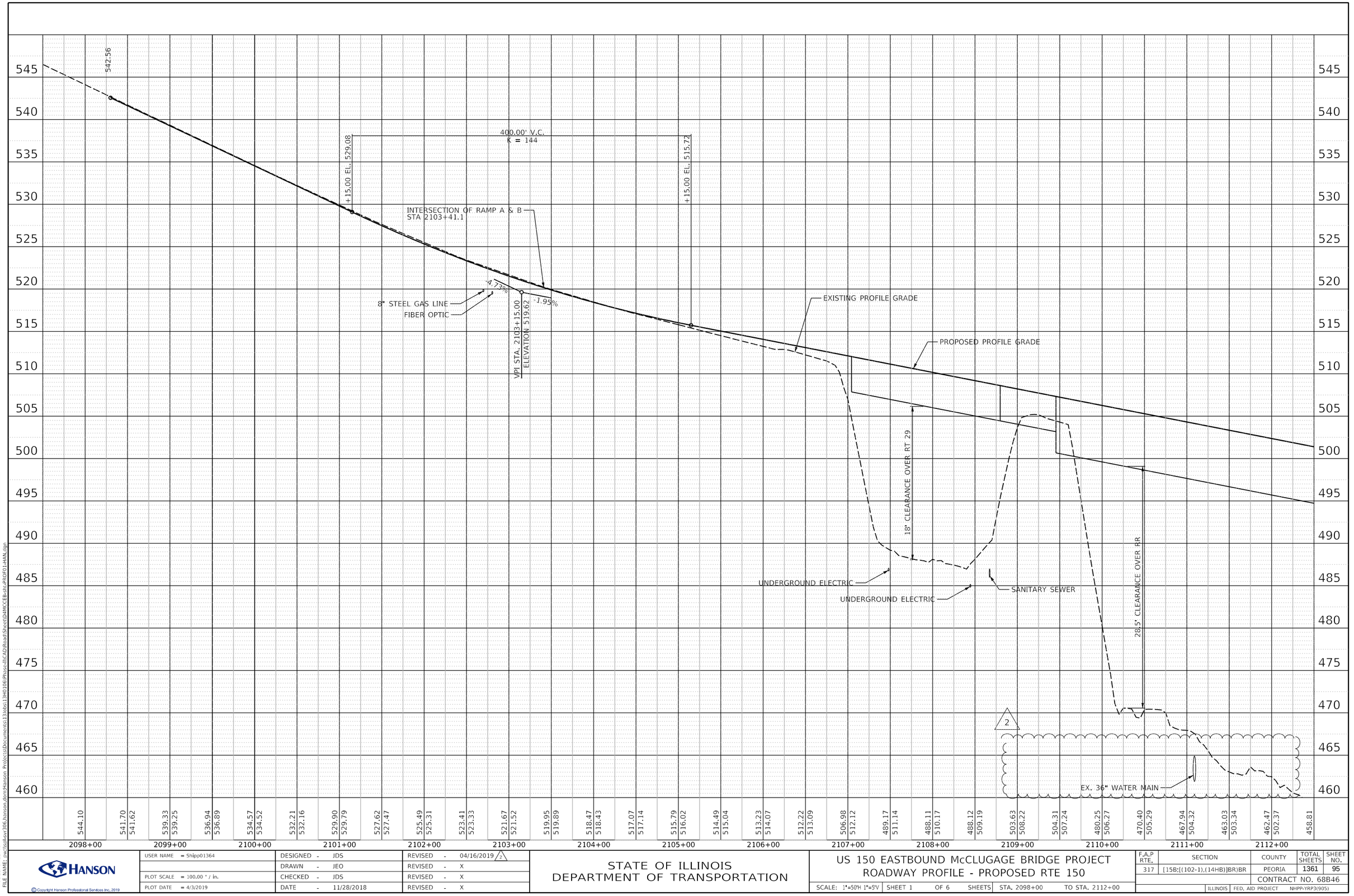
USER NAME = rwatson	DESIGNED - TN	REVISED - (2) 04/16/2019	
	DRAWN - JP	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - RW	REVISED -	
PLOT DATE = 4/4/2019	DATE - 04/16/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MAINTENANCE OF TRAFFIC SCHEDULES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA/TAZ	1361	61B
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	



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STRUCTURE NO(S).
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DATE

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USER NAME = Shipp01364	DESIGNED - JDS	REVISED - 04/16/2019 (2)	
	DRAWN - JEO	REVISED - X	
PLOT SCALE = 100.00 ' / in.	CHECKED - JDS	REVISED - X	
PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED - X	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
ROADWAY PROFILE - PROPOSED RTE 150

SCALE: 1"=50'H 1"=5'V | SHEET 1 OF 6 SHEETS | STA. 2098+00 | TO STA. 2112+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEORIA	1361	95
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

SUGGESTED MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING

SUGGESTED STAGE CONSTRUCTION GENERAL NOTES

1. THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN AND SEQUENCE OF CONSTRUCTION SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED WITHIN 24 HOURS, AS DIRECTED BY THE ENGINEER. ON THE NEW PAVEMENT, WATER BLASTING SHALL BE UTILIZED FOR REMOVAL.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ACCESS POINTS TO THE WORK ZONE. ACCESS POINTS MUST BE APPROVED BY THE ENGINEER PRIOR TO THE INSTALLATION. ANY SIGNING OR ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO PROVIDE CONTRACTOR ACCESS TO THE WORK ZONE SHALL BE INCLUDED IN THE CONTRACT FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
4. THE CONTRACTOR MUST COORDINATE ROAD CLOSURES WITH THE ENGINEER.
5. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE I AND TYPE II BARRICADE USED, ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
6. TRAFFIC SHALL ALWAYS BE MAINTAINED ON THE EXISTING EASTBOUND US 150 STRUCTURE UNTIL THE TRAFFIC CAN BE SHIFTED ONTO THE NEWLY CONSTRUCTED EASTBOUND US 150 STRUCTURE TO ALLOW THE CLOSURE OF THE EXISTING EASTBOUND US 150 STRUCTURE. ARTERIAL LANE CLOSURES NOT SHOWN IN THE STAGING PLANS WILL NOT BE PERMITTED.
7. IN ADDITIONAL TO THE DROPOFF REQUIREMENTS STATED IN THE ARTICLE 701.07 OF THE STANDARD SPECIFICATION BOOK. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.

△2

8. PLACE FALCON PROTECTION NETTING ON THE EXISTING BRIDGES AT THE LOCATIONS DESCRIBED IN THE CONTRACT SPECIAL PROVISIONS. UTILIZE IDOT HIGHWAY TRAFFIC CONTROL STANDARD. UTILIZE IDOT HIGHWAY TRAFFIC CONTROL STANDARD 701421 FOR INSTALLATION OF FALCON PROTECTION NETTING ON EASTBOUND US 150 BRIDGE. LANE CLOSURES SHALL OCCUR ONLY DURING WEEKDAY, DAYTIME, AND OFF-PEAK HOURS.

TABLE 2, CONDITION II
DROP-OFF NEAR THE EDGE OF TRAVELED WAY

Existing Road Type	Normal Posted Speed Limit, NPSL (mph)	Drop-off Depth, D (in.)	TCB is Warranted(2)	Use of TCB may be warranted, based on traffic exposure.(2)	Maximum Allowable Total Traffic (Both Directions)Without TCB (3)
4L2W	Up to 35	12 ≤ D ≤ 18		Yes(1)	9.31
4L2W	Up to 35	18 < D ≤ 24		Yes(1)	7.3
4L2W	Up to 35	24 < D ≤ 36		Yes(1)	6.25
4L2W	Up to 35	>36	Yes(1)		
4L2W	35<NPSL≤45	24 < D ≤ 18		Yes(1)	3.43
4L2W	35<NPSL≤40	24 < D ≤ 24		Yes(1)	2.94
4L2W	> 45	D ≥ 12	Yes(1)		
4L2W	> 45	D ≥ 13	No (2)		
4L2W	> 45	D ≥ 14	Yes		

LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT. OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. FOR DROP-OFF LOCATIONS BEYOND 8 FT. OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE, BUT WITHIN THE CONSTRUCTION CLEAR ZONE, BASE THE DECISION AND DESIGN UPON AN ENGINEERING STUDY.

CHANNELIZING DEVICES AND TEMPORARY BARRIER ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.

1) FOR URBAN/SUBURBAN LOCATIONS, THE DESIGNER SHOULD CONSIDER ACCESS NEEDS AND SIGHT DISTANCE IN MAKING A FINAL DECISION TO USE TCB.

2) HOWEVER, SEE ABOVE SECTIONS FOR LONG DURATION STATIONARY OPERATIONS ON HIGH SPEED ROADS WITH WORKERS, AND FOR WORKER PROTECTION WHERE THERE IS NO MEANS OF ESCAPE.

SUGGESTED MAINTENANCE OF TRAFFIC(MOT) AND SEQUENCE OF CONSTRUCTION(SOC)

PRE–CONSTRUCTION – SOC

1. RELOCATE EXISTING UTILITIES (3-ELECTRICAL POLES AND 2-CONTROL CABINETS) LOCATED IN THE PROPOSED EASTBOUND U.S. RTE 150 BRIDGE OVER ILL RTE 29 EAST ABUTMENT AND THE PROPOSED EASTBOUND U.S. RTE 150 BRIDGE OVER THE ILLINOIS RIVER WEST ABUTMENT LANDING AREA.
2. RELOCATE EXISTING UTILITY POLES, LIGHT POLES AND AERIAL LINES LOCATED ALONG THE SOUTH SIDE OF EASTBOUND U.S. RTE 150 AND THE SW RAMP EAST OF THE EXISTING U.S. RTE 150 BRIDGE OVER THE ILLINOIS RIVER.
3. TEMPORARY PAVEMENT BETWEEN RAMP "A" AND "B" AND RAMP SW SHALL BE IN PLACE PRIOR TO STAGE I TRAFFIC. FROM RAMP B STATION 1205+50 TO INTERSECTION OF US RTE 150.

STAGE 1A – MOT

1. SHIFT EASTBOUND U.S. RTE 150 TRAFFIC TO THE NORTH PROVIDING 2-11 FOOT THRU LANES STATION 2098+30 TO STATION 2109+00.
2. INSTALL ATTENUATOR AND TEMPORARY CONCRETE BARRIER WALL ALONG THE SOUTH SIDE OF EXISTING EASTBOUND U.S. RTE 150 STATION 2104+50 TO STATION 2107+00.
3. EASTBOUND U.S. RTE 150 SHALL MAINTAIN 2-11 FOOT LANES OF TRAFFIC AT ALL TIMES.
4. INSTALL ATTENUATOR AND TEMPORARY CONCRETE BARRIER WALL ALONG THE SOUTH SIDE OF EXISTING EASTBOUND U.S. RTE 150 STATION 2157+21 TO STATION 2171+00.
5. USE EXISTING RAMP "A" FOR BOTH RAMP "A" AND RAMP "B" TRAFFIC BY SHIFTING THE SINGLE LANE OF RAMP "B" TO THE EAST HALF OF RAMP A MAINTAINING 2-11 FOOT LANES. INSTALL TEMPORARY FLEXIBLE DELINEATORS AT 20 FEET C-C BETWEEN THE OPPOSING RAMP TRAFFIC.
6. SHIFT SOUTHBOUND IL RTE 116 TRAFFIC TO THE EAST, MAINTAIN 2-11 FOOT THRU LANES AT ALL TIMES.
7. MAINTAIN A SINGLE LANE OF TRAFFIC ON NORTHBOUND IL RTE 29 BY SHIFTING THE TRAFFIC TO THE EXISTING OUTSIDE LANE STA 614+00 TO STA 616+00. MAINTAIN A SINGLE LANE OF TRAFFIC ON SOUTHBOUND IL RTE 29 BY SHIFTING THE TRAFFIC TO THE EXISTING OUTSIDE LANE STA 614+00 TO STA 616+00.
8. MAINTAIN EXISTING TRAFFIC PATTERNS ON WESTBOUND U.S. RTE 150 AND NB IL RTE 116.
9. INSTALL LANE CLOSURE ADVANCED SIGNING ACCORDING TO THE PLANS.
10. COVER OR REMOVE PERMANENT SIGNS AS NEEDED FOR STAGE 1A CONSTRUCTION.
11. INSTALL LANE CLOSURE ADVANCED SIGNING ACCORDING TO THE PLANS.
12. REMOVE ALL CONFLICTING RAISED PAVEMENT MARKERS WITHIN THE PROJECT LIMITS.

STAGE 1A – SOC

1. REMOVE EXISTING PAVEMENT AND CURB & GUTTER RAMP "B" FROM STATION 1206+13 TO STATION 1210+92, REMOVE EXISTING RAISED CONCRETE MEDIAN AND RAISED ISLAND RAMP "B" STATION 1206+13 TO STATION 1208+50 AND INSTALL TEMPORARY PAVEMENT. REMOVE EXISTING RAISED CONCRETE MEDIAN RAMP "B" STATION 1201+00 TO 1206+13 AND INSTALL TEMPORARY PAVEMENT (NEEDED FOR STAGE (3) MAINTENANCE OF TRAFFIC).
2. INSTALL WICK DRAINS AT LIMITS AND LOCATIONS SHOWN IN WICK DRAIN DETAIL SHEET. CONSTRUCT EMBANKMENT TO ELEVATION 460.00 FROM EAST ABUTMENT STATOIN 2157+50 TO STATION 2162+00. CONSTRUCT EMBANKMENT FOR US 150 EB AND SW RAMP FROM STA 2162+00 TO APPROX. STA 2172+00.
3. REMOVE EXISTING RIGHT SHOULDER OF THE EXISTING SW RAMP FROM STATION 15+00 TO STATION 26+00.
4. CONSTRUCT EMBANKMENT ALONG RIGHT SIDE OF THE EXISTING SW RAMP FROM STATION 15+00 TO STATION 33+00.
5. GRADING AND CONSTRUCT EMBANKMENT ALONG IL RTE 116 TO MARINA LANE.
6. CONSTRUCT PROPOSED RAMP "B" COMPOSITE PAVEMENT (PCC BASE COURSE ONLY), GORE AND SHOULDER. CONSTRUCT RAMP "B" PAVEMENT (PCC BASE COURSE ONLY) ALONG THE SOUTH SIDE OF U.S. RTE 150 TO THE U.S. RTE 150 BRIDGE OVER IL RTE 29 (RAMP B STATION 1206+13.0 TO STATION 2110+77).
7. CONSTRUCT THE SOUTH HALF OF THE PROPOSED EASTBOUND U.S. ROUTE 150 BRIDGE OVER IL RTE 29 (SEE STRUCTURE PLANS).
8. CONSTRUCT THE EASTBOUND U.S. ROUTE 150 BRIDGE OVER THE ILLINOIS RIVER FROM STATION 2115+95 (PIER #4) TO STATION 2157+51 (EAST ABUTMENT) AND THE WEST ABUTMENT (SEE STRUCTURE PLANS).
9. REMOVE EXISTING RIGHT SHOULDER OF U.S. RTE 150 FROM STATION 2157+51 TO STATION 2175+65 NEAR THE GORE AREA OF THE SW RAMP.
10. REMOVE THE EXISTING LEFT ASPHALT SHOULDER AND INSTALL TEMPORARY PAVEMENT PRIOR TO MOVING TRAFFIC TO THE LEFT SHOULDER OF THE SW RAMP STATION 15+00 TO STATION 26+25.
11. REMOVE EXISTING OVERHEAD SIGN TRUSS RAMP SW STATION 13+39.
12. CONSTRUCT BOX CULVERT SW RAMP STATION 26+80.

STAGE 1B – MOT

1. RELOCATE AT 20 FEET C-C TEMPORARY FLEXIBLE DELINEATORS BETWEEN THE OPPOSING RAMP "A" AND "B" TRAFFIC.
2. SHIFT RAMP "A" TRAFFIC TO NEWLY CONSTRUCTED RAMP "B" ALSO UTILIZING THE PREVIOUSLY INSTALLED TEMPORARY PAVEMENT BETWEEN EXISTING RAMP "A" AND "B". SHIFT RAMP "B" TRAFFIC TO THE NEWLY CONSTRUCTED RAMP "B" PAVEMENT AND RIGHT SHOULDER. MAINTAIN 1-11 FOOT RAMP LANE IN EACH DIRECTION.
3. SHIFT TRAFFIC AS NEEDED TO CONSTRUCT RAMP "A" AND "B" PAVEMENT GAPS CREATED BY PREVIOUS MOT STAGING.
4. SHIFT EASTBOUND U.S. RTE 150 TRAFFIC NORTH CREATING (1)-11 FOOT LANES STATION 2090+00 TO STATION 2107+45.
5. REMOVE EXISTING TEMPORARY CONCRETE BARRIER WALL STATION 2098+50 TO STATION 2105+71. RELOCATE EXISTING ATTENUATOR FROM STATION 2098+50 TO STATION 2105+71.
6. INSTALL TEMPORARY FLEXIBLE DELINEATORS AT 20 FEET C-C BETWEEN EASTBOUND AND WESTBOUND TRAFFIC STATION 2096+00 TO STATION 2105+50.
7. SHIFT EASTBOUND U.S. RTE 150 TRAFFIC NORTH ONTO THE EXISTING MEDIAN SHOULDER CREATING (1)-12 FOOT LANE STATION 2088+00 TO STATION 2107+45.
8. MAINTENANCE OF TRAFFIC ON U.S. RTE 150 OVER THE ILLINOIS RIVER AND EAST OF THE ILLINOIS RIVER WILL REMAIN IN STAGE 1A CONFIGURATION.
9. INSTALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 1B CONSTRUCTION.
10. ADJUST ADVANCED SIGNING ACCORDING TO THE PLANS FOR STAGE 1B CONSTRUCTION.
11. MAINTAIN TRAFFIC CONTROL DEVICES AND WORK ZONES ON EAST SIDE OF THE RIVER AS CONFIGURED IN STAGE 1A.

STAGE 1B – SOC

1. REMOVE EXISTING PAVEMENT AND CURB & GUTTER RAMP "A" FROM STATION 1100+00 TO STATION 1106+75. REMOVE EXISTING RIGHT LANE OF U.S. RTE 150 FROM STATION 2098+30 TO 2105+30.
2. CONSTRUCT PROPOSED RAMP "A" PAVEMENT (PCC BASE COURSE ONLY) AND SHOULDER. CONSTRUCT PROPOSED RIGHT LANE PAVEMENT (PCC BASE COURSE) OF U.S. RTE 150 STATION 2098+30 TO 2105+30. SHIFT TRAFFIC AS NEEDED TO CONSTRUCT RAMP "A" AND "B" GAPS.
3. CONTINUE WORK ON EMBANKMENT ON THE EAST SIDE, SW RAMP AND ALONG IL RTE 116 IN STAGES 1A, 1B AND 1C.

STAGE 1C – MOT

1. RELOCATE AT 20 FEET C-C TEMPORARY FLEXIBLE DELINEATORS BETWEEN THE OPPOSING RAMP "A" AND "B" TRAFFIC.
2. EASTBOUND U.S. RTE 150 TRAFFIC MERGE INSIDE LANE (LEFT) TO RIGHT LANE (OUTSIDE LANE) CREATING (1)-11 FOOT LANE STARTING AT EXISTING STATION 1037+55 TO STATION 2093+50 AND MAINTAIN ONE LANE THROUGH STATION 2107+00.
3. RAMP "A" TRAFFIC WILL BE SHIFTED ONTO THE NEWLY CONSTRUCTED RAMP "A" PAVEMENT.
4. THE WESTBOUND U.S. RTE 150 TRAFFIC WILL REMAIN IN THE STAGE 1B CONFIGURATION.

STG1GN

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USER NAME = rwatson	DESIGNED - TVN	REVISED △2 04/16/2019	
	DRAWN - JP	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JM	REVISED -	
PLOT DATE = 4/8/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MAINTENANCE OF TRAFFIC GENERAL NOTES & DESCRIPTIONS

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	108
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

SUGGESTED MAINTENANCE OF TRAFFIC (MOT) AND SEQUENCE OF CONSTRUCTION (SOC)

5. INSTALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 1C CONSTRUCTION.
6. ADJUST ADVANCED SIGNING ACCORDING TO THE PLANS FOR STAGE 1C CONSTRUCTION.
7. MAINTAIN TRAFFIC CONTROL DEVICES AND WORK ZONES ON THE EAST SIDE OF THE RIVER AS CONFIGURED IN STAGE 1A.

STAGE 1C – SOC

1. REMOVE EXISTING LEFT LANE PAVEMENT OF U.S. RTE 150 STATION 2098+30 TO 2102+50.
2. CONSTRUCT PROPOSED LEFT LANE PAVEMENT (PCC BASE COURSE ONLY). THE INSTALLATION OF THE REMAINING PROPOSED PAVEMENT WILL BE CONSTRUCTED IN STAGE (4B).
3. CONTINUE WORKING ON EMBANKMENT ON THE EAST SIDE OF THE RIVER FOR US 150 EB, SW RAMP, AND IL 116.
4. CONSTRUCT TEMPORARY PAVEMENT ON THE LEFT SIDE OF SW RAMP FROM STATION 15+00 TO STATION 26+00.

STAGE 2 –MOT (NO LANE REDUCTIONS OR CLOSURES PERMITTED)

1. MOVE THE LEFT LANE OF EASTBOUND U.S. 150 TRAFFIC ONTO THE NEWLY CONSTRUCTED LEFT LANE STATION 2098+30 TO STATION 2102+50 AND ONTO THE EXISTING PAVEMENT STATION 2102+50 TO STATION 2106+97.
2. SHIFT EASTBOUND U.S. RTE 150 BACK TO ITS ORIGINAL 12 FOOT LANES RE-STRIPE. FROM STATION 2090+00 TO STATION 2106+90 AND STATION 2157+60 TO STATION 2175+00.
3. SHIFT TRAFFIC ONTO TEMPORARY PAVEMENT OF LEFT SHOULDER FROM STATION 2167+00 TO STATION 2175+00 AND MAINTAIN 2-11' LANES.
4. MAINTAIN 12' LANE OF TRAFFIC ON RAMP SW BY SHIFTING THE TRAFFIC TO THE EXISTING LEFT SHOULDER AND TEMPORARY PAVEMENT FROM STATION 15+00 TO STATION 26+00.

STAGE 2 – SOC

1. CONTINUE CONSTRUCTION OF THE EASTBOUND U.S. ROUTE 150 BRIDGE OVER THE ILLINOIS RIVER FROM STATION 2115+95 (PIER #4) TO STATION 2157+51 (EAST ABUTMENT) (SEE STRUCTURE PLANS).
2. CONSTRUCT PROPOSED PAVEMENT AND TEMPORARY PAVEMENT FROM STATION 2162+00 TO SW RAMP AT APPROXIMATE STATION 2168+20.
3. CONSTRUCT PROPOSED RAMP SW PAVEMENT (HMA BINDER COURSE, POLYMERIZED HMA BINDER COURSE), RIGHT SHOULDER AND MULTI-USE PATH FROM STATION 10+00 TO 31+50.

STAGE 3 – MOT

1. PLACE MODULAR GLARE SCREEN ON EXISTING EASTBOUND US 150 BRIDGE PARAPET. UTILIZE IDOT HIGHWAY TRAFFIC CONTROL STANDARD 701421 FOR INSTALLATION OF MODULAR GLARE SCREEN ON EXISTING EASTBOUND US 150 BRIDGE PARAPET. LANE CLOSURES SHALL OCCUR ONLY DURING WEEKDAY, DAYTIME, AND OFF-PEAK HOURS.

2

2. ADJUST ADVANCED SIGNING ACCORDING TO THE PLANS FOR STAGE 3 CONSTRUCTION.
3. SHIFT EASTBOUND U.S. RTE 150 TRAFFIC TO THE NORTH AND MERGE TRAFFIC INTO 1-12 FOOT THRU LANE STATION 2100+17.7 TO STATION 2106+75.
4. PROVIDE 1-16 FOOT LANE ON RAMP "B" ENTRANCE RAMP TRANSITIONING TO A 1-12 FOOT WIDE LANE TO EASTBOUND U.S.RTE. 150 UTILIZING THE PROPOSED RAMP "B" PAVEMENT, THE PROPOSED VARIABLE WIDTH GORE, THE PROPOSED RIGHT LANE OF EASTBOUND U.S. RTE 150 AND THE TEMPORARY PAVEMENT WEDGE. RAMP "B" WILL HAVE FREE FLOW" MOVEMENT ONTO EASTBOUND U.S. RTE 150.
5. SHIFT NORTHBOUND ILL RTE 29 TRAFFIC TO THE WEST PROVIDING 2-11 FOOT THRU LANES AND 1-11 FOOT LEFT TURN LANE TO RAMP "B". REMOVE EXISTING MEDIAN STRIPING AND RE-STRIPE THE CENTER MEDIAN TO PROVIDE MAXIMUM AMOUNT OF STORAGE FOR LEFT TURN LANE.
6. CLOSE THE RIGHT THRU LANE OF SOUTHBOUND ILL RTE 29 TO TRAFFIC ALLOWING THE TRAFFIC FROM RAMP "A" TO "FREE FLOW" ONTO SOUTHBOUND ILL RTE 29. MAINTAIN THE EXISTING SOUTHBOUND 12 FOOT RIGHT TURN LANE TO RAMP "B".
7. RELOCATE ATTENUATOR AND TEMPORARY CONCRETE BARRIER WALL STATION 2104+50 TO STATION 2107+00, AND EXTENDED TCB TO STATION 2112+44.
8. TAPER EASTBOUND U.S. RTE 150 TRAFFIC ONTO THE NEWLY CONSTRUCTED LANE 3 AND RIGHT SHOULDER STATION 2157+00 TO STATION 2171+00. MAINTAIN 2-11 FOOT LANES.
9. SHIFT SW RAMP TRAFFIC TO THE RIGHT SHOULDER AND RIGHT SIDE OF PREVIOUSLY CONSTRUCTED PAVEMENT FROM STA 10+00 24+00. UTLIZE PREVIOUSLY CONSTRUCTED TEMPORARY PAVEMENT TO SHIFT ONTO EXISTING SW RAMP BETWEEN STA 24+00 TO 26+00.
10. COVER OR REMOVE PERMANENT SIGNS AS NEEDED FOR STAGE 3 CONSTRUCTION
11. REMOVE ALL CONFLICTING EXISTING AND TEMPORARY PAVEMENT MARKING FROM STAGE 1A & 1B CONSTRUCTION.
12. REMOVE ALL CONFLICTING RAISED PAVEMENT MARKERS WITHIN THE PROJECT LIMITS.
13. INSTALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 3 CONSTRUCTION, SHIFT TRAFFIC.
14. CLOSE EXISTING NORTHBOUND ILL RTE 29 RAMP "E" TO EASTBOUND U.S. RTE 150.
15. SHIFT SOUTHBOUND IL RTE 116 TRAFFIC TO THE EAST, MAINTAIN 2-11 FOOT THRU LANES AT ALL TIMES.

STAGE 3 – SOC

1. CONSTRUCT A TEMPORARY BITUMINOUS PAVEMENT WEDGE FROM THE PROPOSED RIGHT LANE PAVEMENT OF EASTBOUND U.S. 150 TO THE EXISTING PAVEMENT OF U.S. 150 STATION 2105+25 TO STATION 2106+75, ALLOWING TRAFFIC TO TRANSITION FROM THE PROPOSED PAVEMENT TO THE EXISTING PAVEMENT.
2. COMPLETE CONSTRUCTION OF THE EASTBOUND U.S. ROUTE 150 BRIDGE OVER THE ILLINOIS RIVER FROM STATION 2115+95 (PIER #4) TO STATION 2157+51 (EAST ABUTMENT) (SEE STRUCTURE PLANS).
3. CONSTRUCT EASTBOUND U.S. ROUTE 150 BRIDGE OVER THE TAZEWELL & PEORIA RAILROAD (PIERS 1, 2 & 3).
4. CONSTRUCT PROPOSED RAMP "E" PAVEMENT AND RAMP "E" BRIDGE (SOUTH ABUTMENT, PIERS 1, 2 & 3) (SEE STRUCTURE PLANS).
5. CONSTRUCT EASTBOUND U.S. RTE 150 LANES 1 & 2 AND LEFT SHOULDER STATION 2171+00 TO STATION 2179+38.
6. REMOVE EXISTING RIGHT SHOULDER OF SOUTHBOUND IL RTE 116 AND CONSTRUCT LANE 3 PAVEMENT (HMA BINDER COURSE, POLYMERIZED HMA LEVELING BINDER) AND RIGHT SHOULDER FROM STATION 186+04 TO STATION 213+58
7. CONSTRUCT LEFT SHOULDER OF PROPOSED SW RAMP STATION 15+28 TO STATION 26+00.
8. REMOVE EXISTING TRAFFIC SIGNAL MAST ARM @ MARINA LANE. INSTALL TEMPORARY TRAFFIC SIGNAL POLE AND SIGNALS OR INSTALL PROPOSED TRAFFIC SIGNAL FOUNDATION AND SIGNALS.
9. REMOVE EXISTING TRAFFIC SIGNAL MAST ARM @ CENTENNIAL DRIVE. INSTALL TEMPORARY TRAFFIC SIGNAL POLE AND SIGNALS OR INSTALL PROPOSED TRAFFIC SIGNAL FOUNDATION AND SIGNALS.
10. COMPLETE PAVEMENT CONSTRUCTION ON SW RAMP FROM STATION 31+50 TO IL ROUTE 116. COMPLETE PAVEMENT ON LANE 3 OF IL ROUTE 116.
11. COMPLETE MILL AND OVERLAY OF SB 116 AND MARINA LANE.

STAGE 4A – MOT

1. INSTALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES FOR STAGE 4A CONSTRUCTION, AND SHIFT US RTE 50 EB TO LEFT SHOULDER BETWEEN STATION 2172+50 TO STATION 2178+00.
2. MOVE EASTBOUND U.S. RTE 150 TRAFFIC SOUTH ONTO THE NEWLY CONSTRUCTED BRIDGES OVER ILL RTE 29, THE TAZEWELL & PEORIA RAILROAD AND THE ILLINOIS RIVER.
3. INSTALL TEMPORARY STRIPING TO COMPLETE CONSTRUCTION OF THE MEDIAN AND THE LEFT LANE OF EASTBOUND U.S. RTE 150 STATION 2098+50 TO STATION 2105+75.
4. OPEN PROPOSED RAMP "E" TO TRAFFIC.
5. INSTALL TEMPORARY PAVEMENT BETWEEN OLD PAVEMENT AND NEW LANE 3 PAVEMENT TO ACCOMMODATE TRAFFIC TRANSITION TAPER EASTBOUND U.S. RTE 150 STATION 2161+00 TO STATION 2171+00.
6. REMOVE ALL CONFLICTING EXISTING AND TEMPORARY PAVEMENT MARKING FROM STAGE 3 CONSTRUCTION.
7. OPEN PROPOSED RIVER BRIDGE TO TRAFFIC. MAINTAIN 3 LANES FROM STATION 2130+00 TO STATION 2143+00 AND THEN TAPER DOWN TO 2 LANES BETWEEN STATIONS 2149+00 AND 2157+51
8. SHIFT US 150 EB LANES TO LEFT SHOULDER BETWEEN STAIONS 2167+00 AND 2180+46

STAGE 4A – SOC

1. CONSTRUCT MEDIAN CONCRETE BARRIER BASE SPECIAL & CONCRETE MEDIAN BARRIER WALL SPECIAL ALONG THE PROPOSED CENTERLINE OF U.S. RTE 150 STATION 2098+30.0 TO STATION 2106+75.5.
2. REMOVE REMAINDER OF EXISTING PAVEMENT EASTBOUND U.S. RTE 150 STATION 2157+51.7 TO STATION 2167+00.
3. CONSTRUCT REMAINDER OF THE PROPOSED LEFT LANE OF U.S. RTE 150 STATION 2157+51.7 TO STATION 2167+00.
4. CONSTRUCT THE NORTH SIDE OF THE PROPOSED EASTBOUND U.S. ROUTE 150 BRIDGE OVER IL RTE 29 (SEE STRUCTURE PLANS). CONSTRUCT REMAINDER OF APPROACH PAVEMENT.
5. MILL AND OVERLAY OPERATIONS WILL BE OCCURRING ALONG PORTIONS OF U.S. RTE 150. RECONSTRUCT EASTBOUND U.S. RTE 150 PAVEMENT, RAMP SW GORE, AND U.S. RTE 150 RIGHT SHOULDER STATION 2173+45 TO STATION 2179+38.4.
6. CONSTRUCT REMAINDER OF U.S. RTE 150 LANES 1 & 2 AND LEFT SHOULDER STATION 2157+51 TO STATION 2167+00.
7. CONSTRUCT U.S. RTE 150 MEDIAN CROSS-OVER FROM STATION 2160+87 TO STATION 2164+75.
8. PAVE POLYMERIZED HMA SURFACE COURSE WHERE REQUIRED.
9. PLACE FINAL PAVEMENT STRIPING.
10. REMOVE REMAINDER OF OLD SW RAMP.
11. DEMOLITION OF EXISTING EASTBOUND U. S. 150 BRIDGE SUPERSTRUCTURE, SUB-STRUCTURE, APPROACH PAVEMENT AND APPUTENANCES OVER ILL RTE 29, TAZEWELL & PEORIA RAILROAD, AND THE ILLINOIS RIVER.

STAGE 4B – MOT

1. INSTALL TEMPORARY PAVEMENT MARKING AND TEMPORARY TRAFFIC CONTROL DEVICES ON RAMPS "A" AND "B" FOR STAGE 4B CONSTRUCTION.
2. SHIFT RAMP "A" TRAFFIC TO THE WEST AND RAMP "B" TO THE EAST, COMPLETE CONSTRUCTION OF THE RAISED MEDIAN AND ISLAND.

STAGE 4B – SOC

1. CONSTRUCT CONCRETE CURB & GUTTER, RAISED MEDIAN, AND ISLAND BETWEEN RAMPS "A" & "B" STA 1201+00 TO 1208+75.
2. CONSTRUCT THE GORE AREA AT SW RAMP FROM STATION 2169+62.9 TO 2173+45.8.
3. PAVE POLYMERIZED HMA SURFACE COURSE WHERE REQUIRED.
4. PLACE FINAL PAVEMENT STRIPING.
5. COMPLETE REMAINING CONSTRUCTION, CLEAN-UP AND PUNCH LIST.

END CONSTRUCTION

1. RE-ESTABLISH PERMANENT PAVEMENT MARKING, RAISED REFLECTIVE PAVEMENT MARKERS AND RECESSED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH IDOT DISTRICT 4 STANDARDS.
2. REMOVE ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL MEASURES.
3. UNCOVER ALL PERMANENT SIGNS.

2

4. REMOVE FALCON PROTECTION NETTING PLACED IN STAGE 1. UTILIZE IDOT HIGHWAY TRAFFIC CONTROL STANDARD 701421 FOR REMOVAL OF FALCON PROTECTION NETTING.
5. INSTALL ANY APPURENTENANCES NECESSARY TO PROTECT THE NEW STRUCTURE DURING REMOVAL OF THE EXISTING BRIDGE PER THE SPECIAL PROVISIONS. UTILIZE IDOT HIGHWAY TRAFFIC CONTROL STANDARD 701421 FOR INSTALLING APPURTENANCES.

HIGHWAY STANDARDS

701406	LANE CLOSURE FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411	LANE CLOSURE OR EXIT RAMP, FOR SPEEDS >/= 45 MPH
701421	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >/= 45 MPH TO 55 MPH
701411	LANE CLOSURE OR EXIT RAMP, FOR SPEEDS >/= 45 MPH
701426	LANE CLOSURE, MULTILANE, DAY INTERMITTENT OR MOVING OPER >/= 45 MPH
701901	TRAFFIC CONTROL DEVICES

GNOTE02

MILLENNIA PROFESSIONAL SERVICES www.mps-il.com

USER NAME = rwatson	DESIGNED -	REVISED - 2 04/16/2019	
	DRAWN -	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 4/8/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MAINTENANCE OF TRAFFIC GENERAL NOTES & DESCRIPTIONS

SCALE: | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR		1361	109
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

FINAL SUBMITTAL

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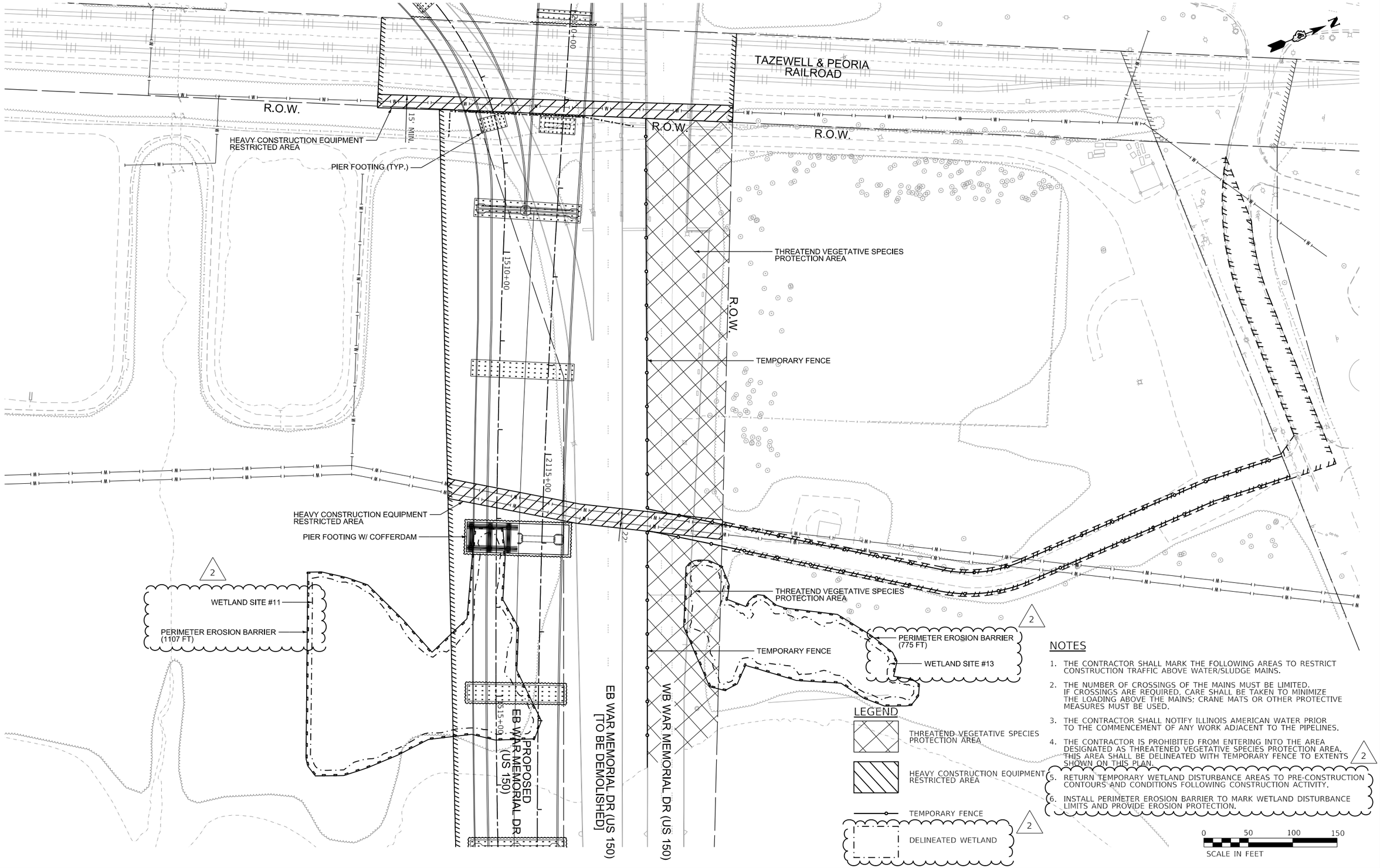

NOTES

1. THE CONTRACTOR SHALL MARK THE FOLLOWING AREAS TO RESTRICT CONSTRUCTION TRAFFIC ABOVE WATER/SLUDGE MAINS.
2. THE NUMBER OF CROSSINGS OF THE MAINS MUST BE LIMITED. IF CROSSINGS ARE REQUIRED, CARE SHALL BE TAKEN TO MINIMIZE THE LOADING ABOVE THE MAINS; CRANE MATS OR OTHER PROTECTIVE MEASURES MUST BE USED.
3. THE CONTRACTOR SHALL NOTIFY ILLINOIS AMERICAN WATER PRIOR TO THE COMMENCEMENT OF ANY WORK ADJACENT TO THE PIPELINES.
4. THE CONTRACTOR IS PROHIBITED FROM ENTERING INTO THE AREA DESIGNATED AS THREATENED VEGETATIVE SPECIES PROTECTION AREA. THIS AREA SHALL BE DELINEATED WITH TEMPORARY FENCE TO EXTENTS SHOWN ON THIS PLAN. 2
5. RETURN TEMPORARY WETLAND DISTURBANCE AREAS TO PRE-CONSTRUCTION CONTOURS AND CONDITIONS FOLLOWING CONSTRUCTION ACTIVITY.
6. INSTALL PERIMETER EROSION BARRIER TO MARK WETLAND DISTURBANCE LIMITS AND PROVIDE EROSION PROTECTION.

LEGEND

- THREATEND VEGETATIVE SPECIES PROTECTION AREA
- HEAVY CONSTRUCTION EQUIPMENT RESTRICTED AREA
- TEMPORARY FENCE
- DELINEATED WETLAND

0 50 100 150
SCALE IN FEET

FINAL SUBMITTAL

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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = mgormely	DESIGNED - MPG	REVISED - 04/16/2019 2	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MPG	REVISED -	
	PLOT SCALE = 100.00 ' / in.	CHECKED - DAJ	REVISED -	
	PLOT DATE = 4/8/2019	DATE - 11/28/2018	REVISED -	

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
RESTRICTED CONSTRUCTION AREAS - PEORIA CO.

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	111
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

NO.	BY	DATE

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

515 515

510 505 500 495 490 485 480 475

IL 29 BL - ELEV. 496.95

STG 3

EX. ROW

115.86'
495.94

PR. ROW & AC

1.61

PR. 12" SS

EX. 10" SAN

EX. WM

EX. 12" SS

EX. 36" SS

EX. 36" SAN

STG 3
C = 204.9
F = 0.0
TS = 3.2

EX. ROW

604+00.00

FINAL SUBMITTAL

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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MPG	REVISED -	
	PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
	PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
STAGE 3: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 604+00.00 TO STA. 604+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	300
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

FINAL SURVEY	BY	DATE

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

515

510 505 500 495 490 485 480 475

IL 29 BL - ELEV. 496.81

EX ROW

3562

496.77

EX ROW

STG 3

-2.94%

EX. ELEC

EX. WM

EX. TEL SS

EX. 36" SS

EX. 36" SAN

PR ROW & AC

2

STG 3
C = 125.7
F = 0.6
TS = 21.9

2

EX. ROW

604+50.00

515

510 505 500 495 490 485 480 475

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

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USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
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PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
STAGE 3: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 604+50.00 | TO STA. 604+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	301
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

BY	DATE

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	PLOTTED	
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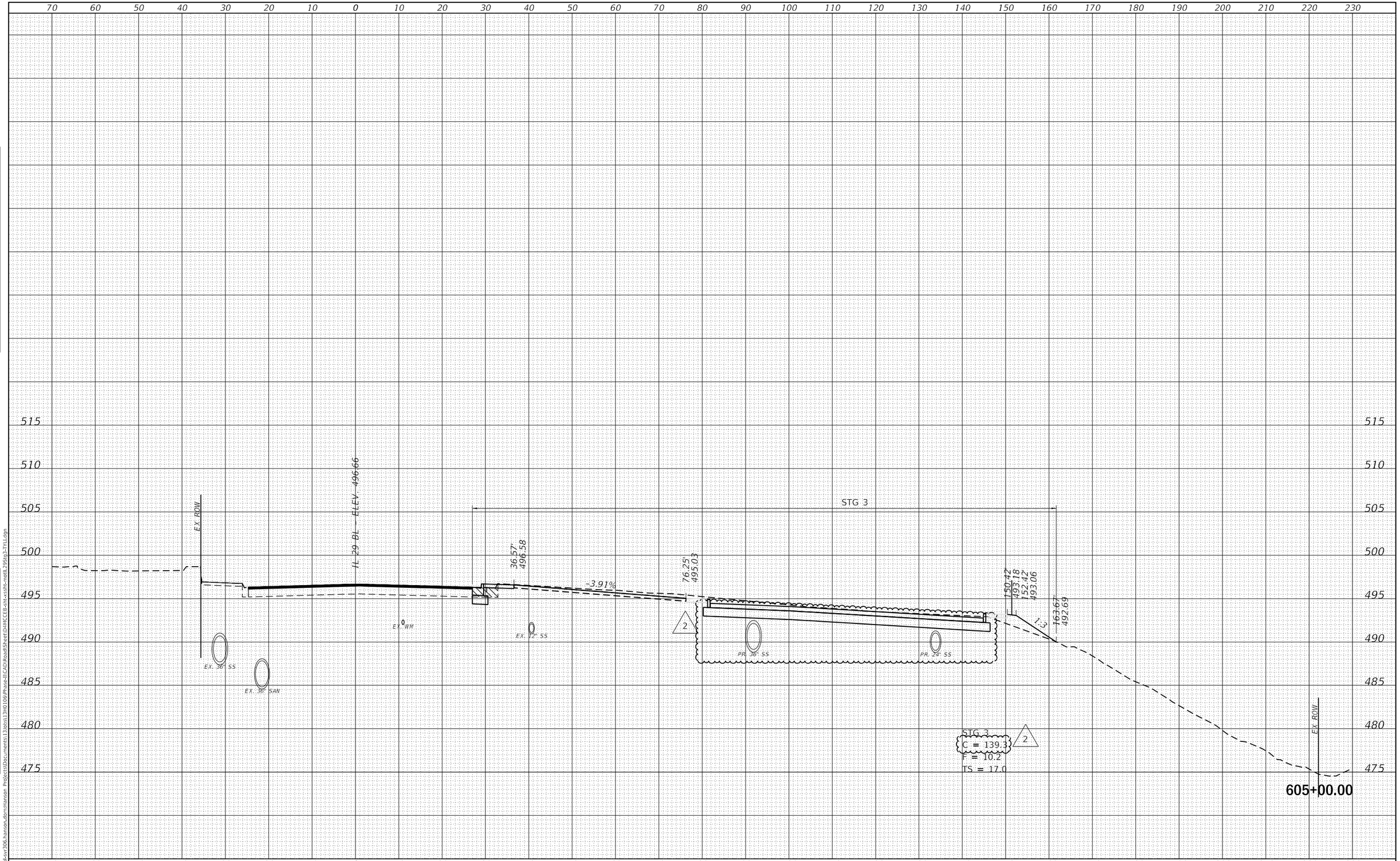
	AREAS	
	AREAS CHECKED	

BY	DATE



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	DRAWN - MPG	REVISED -	
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PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
STAGE 3: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 605+00.00 TO STA. 605+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	302
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

515 515

510 505 500 495 490 485 480 475

EX. ROW

IL 29 BL - ELEV. 496.89

STG 3

EX. WM

EX. T2" SS

EX. 36" SS

EX. 36" SAN

PR. 36" SS

PR. 21" SS

150.42
492.94
152.42
492.82
158.87
490.71

STG 3
C = 202.5
F = 6.3
TS = 12.6

EX. ROW

605+50.00

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

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PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

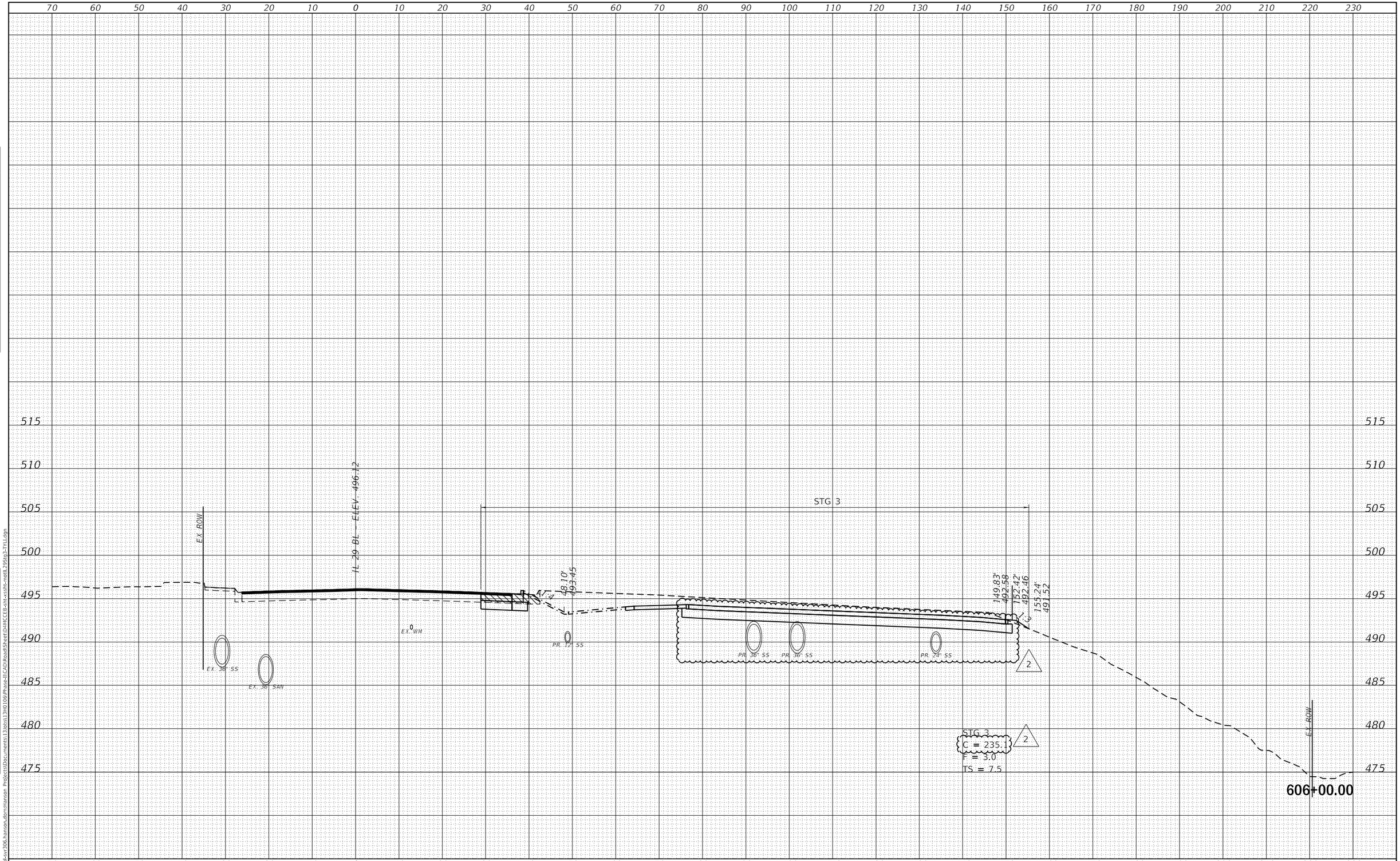
US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
STAGE 3: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 605+50.00 TO STA. 605+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	303
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

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



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	DRAWN - MPG	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

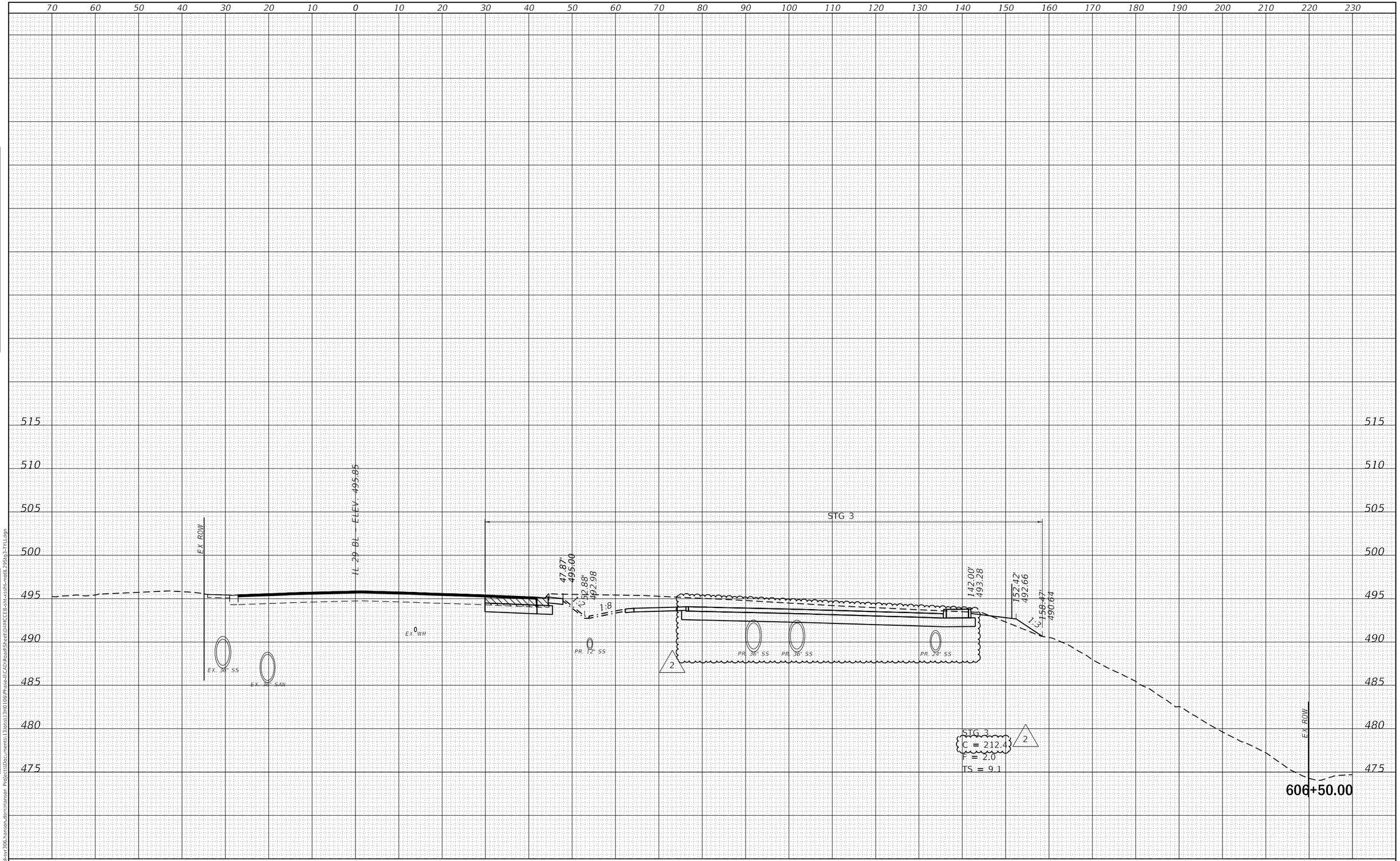
US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
STAGE 3: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 606+00.00 TO STA. 606+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	304
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

BY	DATE



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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - MPG	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
STAGE 3: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 606+50.00 TO STA. 606+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	305
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

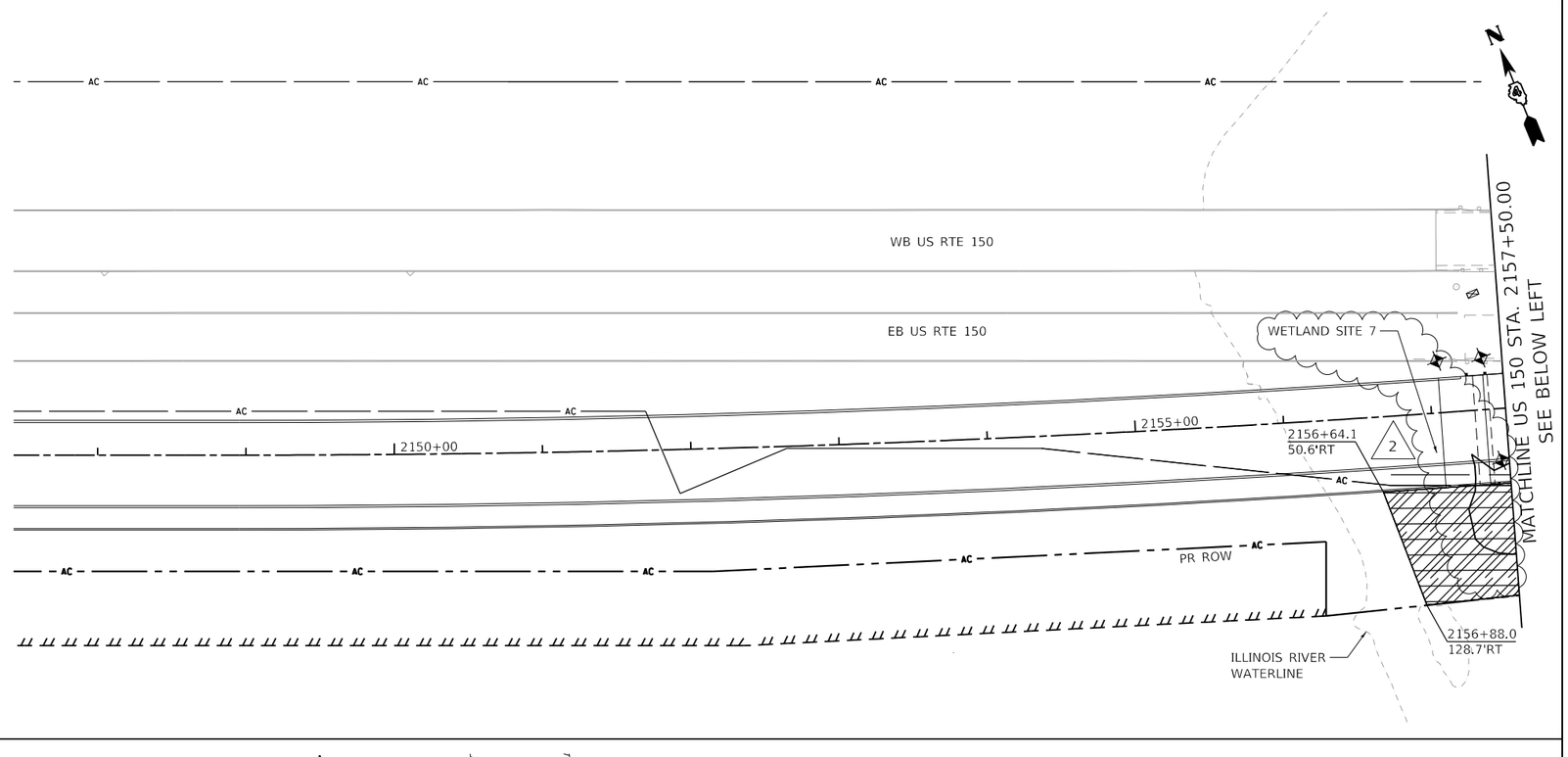
LEGEND:

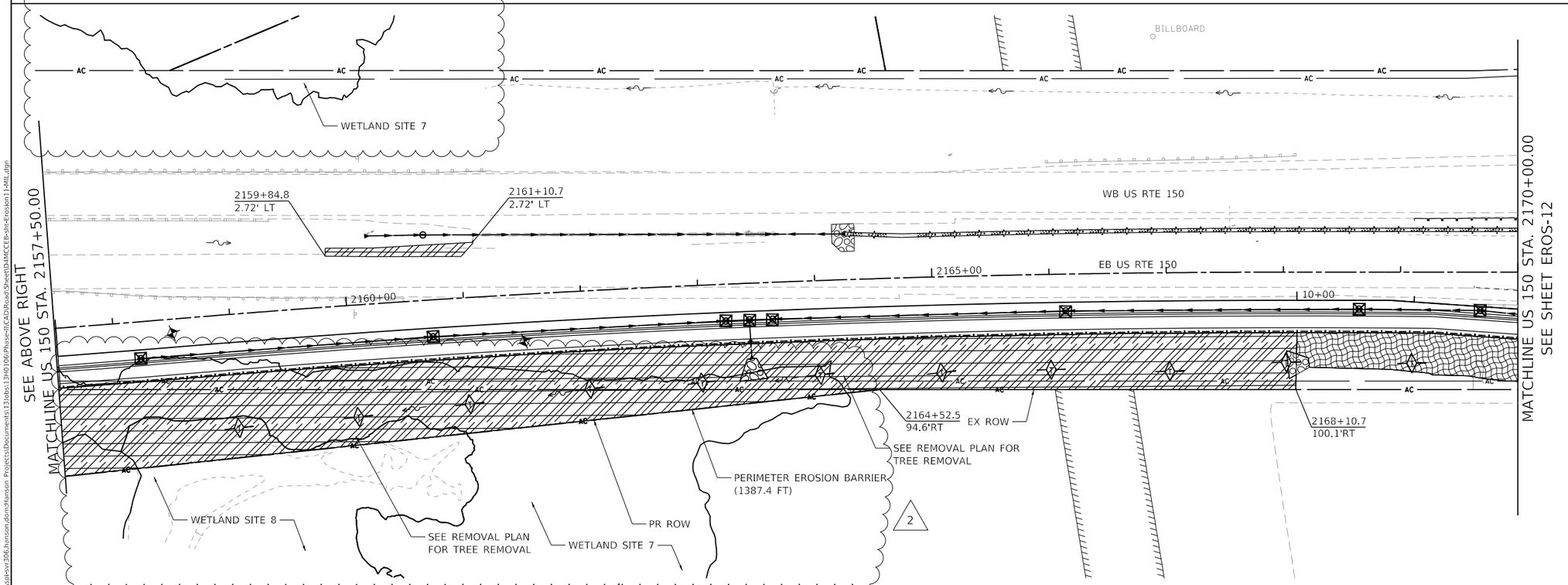
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY FENCE
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- FLOWLINE FOR PROPOSED DITCH
- CONSTRUCTION LIMIT
- TREE PROTECTION (SEE DETAIL)
- MULCH, METHOD 2

NOTE: INLET FILTERS TO BE USED IN ALL INLETS

RETURN TEMPORARY WETLAND DISTURBANCE AREAS TO PRE-CONSTRUCTION CONTOURS AND CONDITIONS FOLLOWING CONSTRUCTION ACTIVITY.

2





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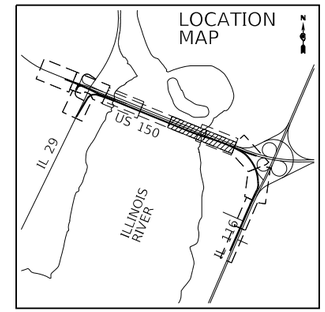

EC-04

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MILLENNIA PROFESSIONAL SERVICES
www.mps-il.com

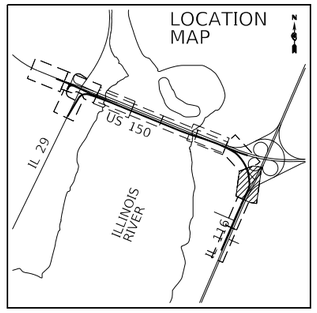
USER NAME = rwatson	DESIGNED - TN	REVISED - 2 04/16/2019
	DRAWN - JP	REVISED -
PLOT SCALE = 100.00 ' / in.	CHECKED - TN	REVISED -
PLOT DATE = 4/4/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
EROSION CONTROL PLAN - STAGE 1 AND 2

SCALE: 1"=50' | SHEET 4 OF 17 SHEETS | STA. 2157+00.00 TO STA. 2170+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	TAZEWELL	1361	476
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			



0 50 100 150
SCALE IN FEET

NB IL RTE 116

SB IL RTE 116

WETLAND SITE 6

WETLAND SITE 2

WETLAND SITE 3

WETLAND SITE 4

2

N

RAMP SW

29+11.1
153.0'LT

28+70.8
43.08' LT

26+96.5
43.08' LT

26+76.0
43.08' LT

26+09.5
43.08' LT

31+02.8
44.2'LT

31+50.7
43.08' LT

30+00

31+68.3
43.08' RT

33+00.0
49.5'RT

34+00.8
34.0'RT

35+00

37+00.0
34.04' RT

MATCHLINE RAMP SW STA. 24+00.00
SEE SHEET EROS-12

MATCHLINE RAMP SW STA. 37+00.00
IL 116 STA. 208+07.84
SEE SHEET EROS-14

24+82.0
43.08' RT

24+59.89
23.58' RT

25+00

EX ROW

26+98.0
52.73' RT

26+83.9
52.8'RT

26+51.5
52.9'RT

26+15.2
52.7'RT

25+32.19
52.58' RT

PR ROW

PERIMETER EROSION BARRIER
(271.3 FT)

24+80.2
52.4' RT

25+06.2
64.2'RT

PR ROW

PERIMETER EROSION BARRIER
(77.5 FT)

EX ROW

25+93.4
52.73' RT

25+37.82
240.28' RT

PERIMETER EROSION BARRIER
(299.2 FT)

EX ROW

LEGEND:

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY FENCE
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- FLOWLINE FOR PROPOSED DITCH
- CONSTRUCTION LIMIT
- TREE PROTECTION (SEE DETAIL)
- MULCH, METHOD 2

NOTE: INLET FILTERS TO BE USED IN ALL INLETS

RETURN TEMPORARY WETLAND DISTURBANCE AREAS TO PRE-CONSTRUCTION CONTOURS AND CONDITIONS FOLLOWING CONSTRUCTION ACTIVITY.

2

EC-06

FINAL SUBMITTAL

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MILLENNIA PROFESSIONAL SERVICES
www.mps-il.com

USER NAME = rwatson	DESIGNED - TN	REVISED - 2 04/16/2019	
	DRAWN - JP	REVISED -	
PLOT SCALE = 100.00 ' / in.	CHECKED - TN	REVISED -	
PLOT DATE = 4/4/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
EROSION CONTROL PLAN - STAGE 1 AND 2

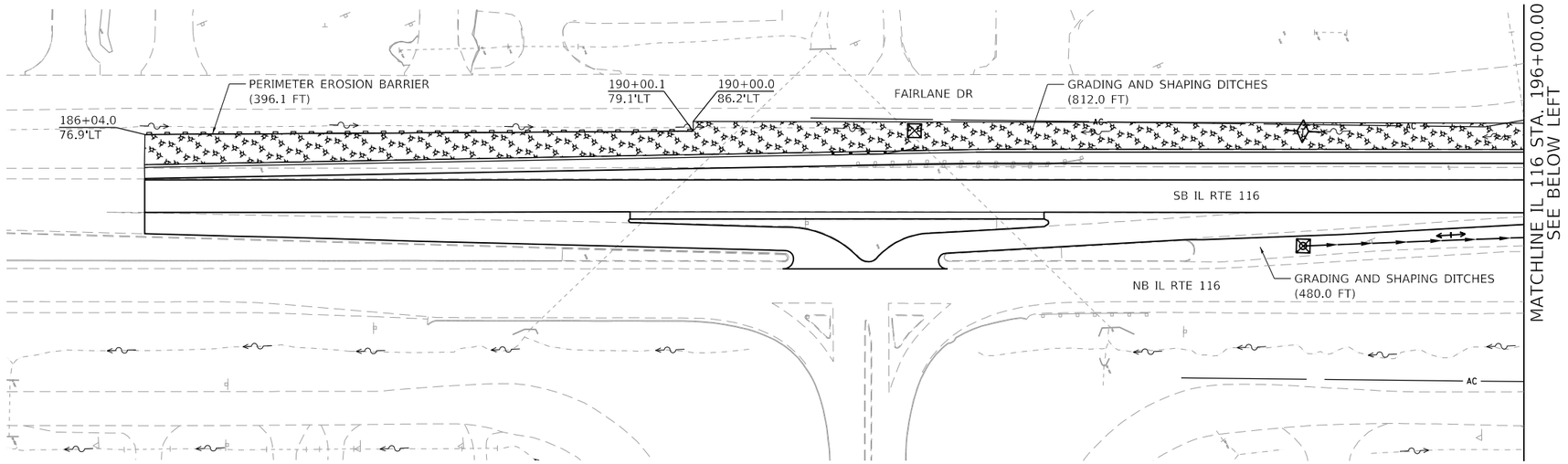
SCALE: 1"=50' | SHEET 6 OF 17 SHEETS | STA. 24+00.00 TO STA. 37+00.00

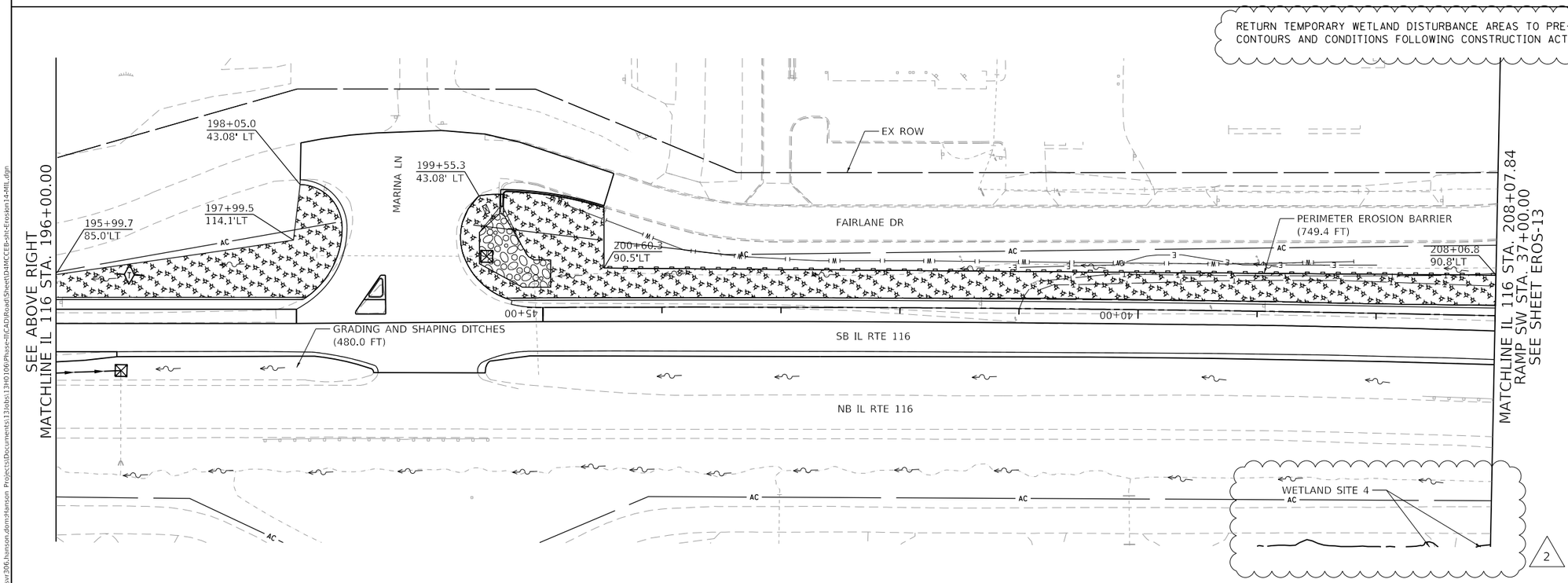
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	TAZEWELL	1361	478
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

LEGEND:

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY FENCE
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- FLOWLINE FOR PROPOSED DITCH
- CONSTRUCTION LIMIT
- TREE PROTECTION (SEE DETAIL)
- MULCH, METHOD 2

NOTE: INLET FILTERS TO BE USED IN ALL INLETS





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MILLENNIA PROFESSIONAL SERVICES
www.mps-il.com

USER NAME = rwatson	DESIGNED - TN	REVISED - 2 04/16/2019	
	DRAWN - JP	REVISED -	
PLOT SCALE = 100.00 ' / in.	CHECKED - TN	REVISED -	
PLOT DATE = 4/4/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
EROSION CONTROL PLAN - STAGE 1 AND 2

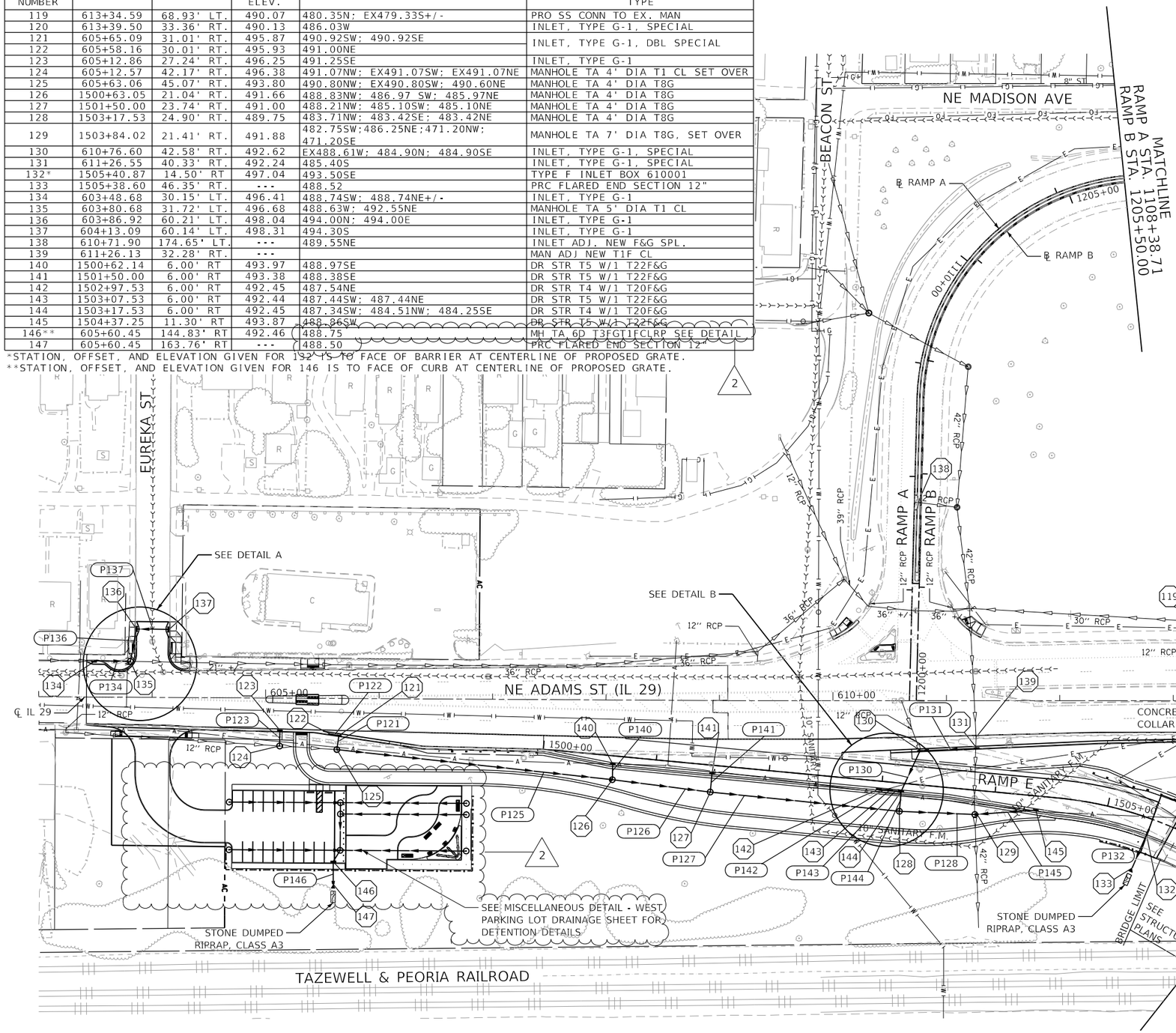
SCALE: 1"=50' | SHEET 7 OF 17 SHEETS | STA. 185+00.00 TO STA. 196+00.00

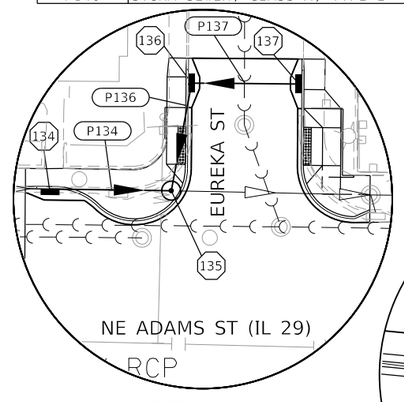
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	TAZEWELL	1361	479
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
119	613+34.59	68.93' LT.	490.07	480.35N; EX479.33S+/-	PRO SS CONN TO EX. MAN
120	613+39.50	33.36' RT.	490.13	486.03W	INLET, TYPE G-1, SPECIAL
121	605+65.09	31.01' RT.	495.87	490.92SW; 490.92SE	INLET, TYPE G-1, DBL SPECIAL
122	605+58.16	30.01' RT.	495.93	491.00NE	
123	605+12.86	27.24' RT.	496.25	491.25SE	INLET, TYPE G-1
124	605+12.57	42.17' RT.	496.38	491.07NW; EX491.07SW; EX491.07NE	MANHOLE TA 4' DIA T1 CL SET OVER
125	605+63.06	45.07' RT.	493.80	490.80NW; EX490.80SW; 490.60NE	MANHOLE TA 4' DIA T8G
126	1500+63.05	21.04' RT.	491.66	488.83NW; 486.97 SW; 485.97NE	MANHOLE TA 4' DIA T8G
127	1501+50.00	23.74' RT.	491.00	488.21NW; 485.10SW; 485.10NE	MANHOLE TA 4' DIA T8G
128	1503+17.53	24.90' RT.	489.75	483.71NW; 483.42SE; 483.42NE	MANHOLE TA 4' DIA T8G
129	1503+84.02	21.41' RT.	491.88	482.75SW;486.25NE;471.20NW; 471.20SE	MANHOLE TA 7' DIA T8G, SET OVER
130	610+76.60	42.58' RT.	492.62	EX488.61W; 484.90N; 484.90SE	INLET, TYPE G-1, SPECIAL
131	611+26.55	40.33' RT.	492.24	485.40S	INLET, TYPE G-1, SPECIAL
132*	1505+40.87	14.50' RT	497.04	493.50SE	TYPE F INLET BOX 610001
133	1505+38.60	46.35' RT.	---	488.52	PRC FLARED END SECTION 12"
134	603+48.68	30.15' LT.	496.41	488.74SW; 488.74NE+/-	INLET, TYPE G-1
135	603+80.68	31.72' LT.	496.68	488.63W; 492.55NE	MANHOLE TA 5' DIA T1 CL
136	603+86.92	60.21' LT.	498.04	494.00N; 494.00E	INLET, TYPE G-1
137	604+13.09	60.14' LT.	498.31	494.30S	INLET, TYPE G-1
138	610+71.90	174.65' LT.	---	489.55NE	INLET ADJ. NEW F&G SPL.
139	611+26.13	32.28' RT.	---		MAN ADJ NEW T1F CL
140	1500+62.14	6.00' RT	493.97	488.97SE	DR STR T5 W/1 T22F&G
141	1501+50.00	6.00' RT	493.38	488.38SE	DR STR T5 W/1 T22F&G
142	1502+97.53	6.00' RT	492.45	487.54NE	DR STR T4 W/1 T20F&G
143	1503+07.53	6.00' RT	492.44	487.44SW; 487.44NE	DR STR T5 W/1 T22F&G
144	1503+17.53	6.00' RT	492.45	487.34SW; 484.51NW; 484.25SE	DR STR T4 W/1 T20F&G
145	1504+37.25	11.30' RT	493.87	488.86SW	DR STR T5 W/1 T22F&G
146**	605+60.45	144.83' RT	492.46	488.75	MH TA 6D T3FGT1FCLRP SEE DETAIL
147	605+60.45	163.76' RT	---	488.50	PRC FLARED END SECTION 12"

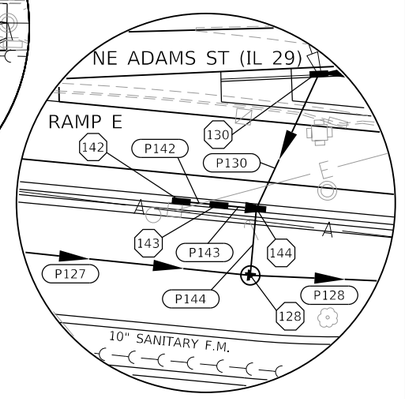
*STATION, OFFSET, AND ELEVATION GIVEN FOR 132 IS TO FACE OF BARRIER AT CENTERLINE OF PROPOSED GRATE.
**STATION, OFFSET, AND ELEVATION GIVEN FOR 146 IS TO FACE OF CURB AT CENTERLINE OF PROPOSED GRATE.

PIPE NUMBER	DESCRIPTION	LENGTH	TRENCH BACKFILL
P118	STORM SEWER, CLASS A, TYPE 2 - 12"	---	---
P120	STORM SEWER, CLASS A, TYPE 2 - 12"	5 FT	0.8 CUYD
P121	STORM SEWER, CLASS A, TYPE 2 - 12"	9 FT	0.5 CUYD
P122	STORM SEWER, CLASS A, TYPE 2 - 12"	4 FT	1.0 CUYD
P123	STORM SEWER, CLASS A, TYPE 2 - 12"	10 FT	0.5 CUYD
P125	STORM SEWER, CLASS A, TYPE 2 - 12"	240 FT	---
P126	STORM SEWER, CLASS A, TYPE 2 - 15"	83 FT	---
P127	STORM SEWER, TYPE 2, WAT MN - 15"	164 FT	---
P128	STORM SEWER, CLASS A, TYPE 2 - 15"	61 FT	---
P130	STORM SEWER, CLASS A, TYPE 2 - 12"	36 FT	29.6 CUYD
P131	STORM SEWER, CLASS A, TYPE 2 - 12"	47 FT	32.2 CUYD
P132	STORM SEWER, CLASS A, TYPE 2 - 12"	32 FT	4.3 CUYD
P134	STORM SEWER, TYPE 3 WAT MN - 27"	28 FT	25.6 CUYD
P136	STORM SEWER, TYPE 2, WAT MN - 12"	25 FT	3.8 CUYD
P137	STORM SEWER, CLASS A, TYPE 2 - 12"	26 FT	3.7 CUYD
P140	STORM SEWER, CLASS A, TYPE 2 - 12"	6 FT	0.5 CUYD
P141	STORM SEWER, CLASS A, TYPE 2 - 12"	9 FT	0.6 CUYD
P142	STORM SEWER, CLASS A, TYPE 2 - 12"	6 FT	1.5 CUYD
P143	STORM SEWER, CLASS A, TYPE 2 - 12"	6 FT	1.5 CUYD
P144	STORM SEWER, CLASS A, TYPE 2 - 15"	10 FT	1.9 CUYD
P145	STORM SEWER, CLASS A, TYPE 2 - 12"	48 FT	6.1 CUYD
P146	STORM SEWER, CLASS A, TYPE 2 - 12"	18 FT	0.4 CUYD



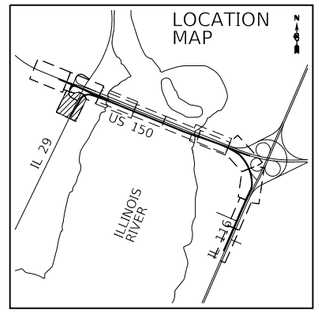


DETAIL A
SCALE 1"=20'



DETAIL B
SCALE 1"=20'

SCALE IN FEET



LEGEND
(PXXX) DRAINAGE PIPE
(XXX) DRAINAGE STRUCTURE

PRDRAIN-03

FINAL SUBMITTAL

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EFK • Moen, LLC
Civil Engineering Design

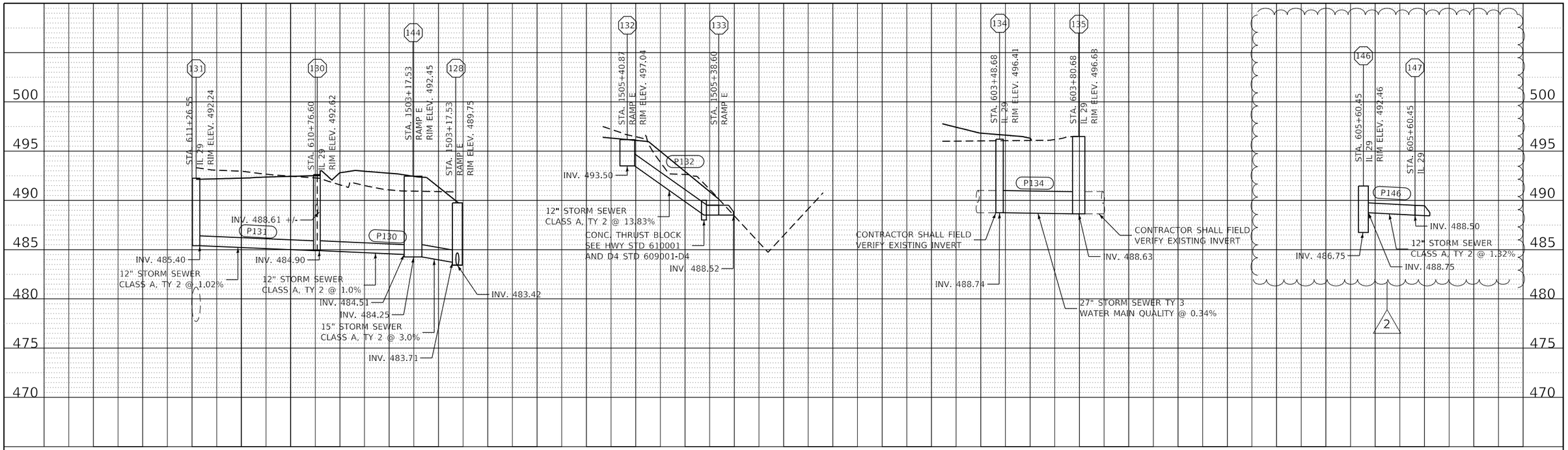
USER NAME = MSpillers	DESIGNED - MYS	REVISED - ⚠ 4/16/2019	
	DRAWN - MYS	REVISED -	
PLOT SCALE = 100.00 ' / in.	CHECKED - SLD	REVISED -	
PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -	

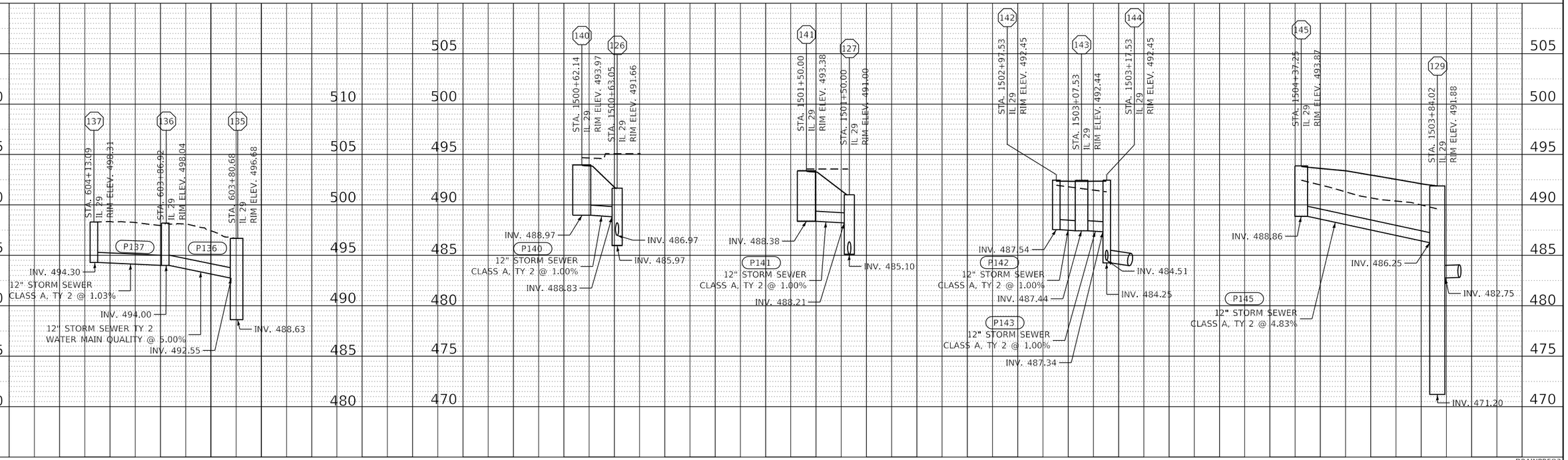
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
DRAINAGE - PROPOSED PLANS

SCALE: 1"=50' | SHEET 3 OF 8 SHEETS | STA. 603+00 | TO STA. 614+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	500
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			





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

FINAL SUBMITTAL

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EFK • Moen, LLC
Civil Engineering Design

USER NAME = MSpillers	DESIGNED - MYS	REVISED - 2 4/16/2019	
	DRAWN - MSK	REVISED -	
PLOT SCALE = 40.00 ' / in.	CHECKED - SJF	REVISED -	
PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
DRAINAGE - PROPOSED PROFILES

SCALE: 1=20H:1=5V | SHEET 3 OF 5 SHEETS | STA. N/A | TO STA. N/A

DRAINPRF03

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEORIA	1361	508
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

PROPOSED SIGN SCHEDULE

										SIGN PANELS			SIGN SUPPORTS						BREAKAWAY STEEL SIGN SUPPORT									OVERHEAD SIGN STRUCTURE
	MC CLUGAGE BRIDGE							PROPOSED PANEL DIMENSIONS	SIGN AREA	SIGN PANEL-TYPE 1	SIGN PANEL-TYPE 2	SIGN PANEL-TYPE 3	TELESCOPING STEEL SIGN SUPPORT		WOOD SIGN SUPPORT			POST SIZE	POST LENGTH			STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	CONCRETE FOUNDATIONS				OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")
ROUTE	STATION	LT/RT	MUTCD NO./ILSHS	SIGN NO.	LEGEND/ DESCRIPTION	"AA" (FT)	"BB" (FT)	WIDTH (IN)	HEIGHT (IN)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	P1 (FT)	PAY LENGTH (FT)	P1 (FT)	P2 (FT)	PAY LENGTH (FT)		P1 (FT)	P2 (FT)	P3 (FT)	(POUND)	(FT)	2.0 DIA (CU YD)	2.5 DIA (CU YD)	3.0 DIA (CU YD)	(CU YD)	
EB US 150	2095+84	RT	M4-5	LP SGN-PL-101-P	TO		7.0	36.0	18.0	4.5	4.5																	
			M1-4		24			36.0	36.0	9.0	9.0																	
			M6-3		ARROW			30.0	21.0	4.4	4.4																	
EB US 150	2097+24	RT	W2-2	LP SGN-PL-102-P	SIDE ROAD		7.0	36.0	36.0	9.0	9.0																	
			W13-3		RAMP, 15 MPH			36.0	48.0	12.0		12.0								16.8	23.9		1116.0					
EB US 150	2096+52	RT		SGN-BS-103-P	IL29, ADAMS ST, CHILLICOTHE	~~8.5~~ 9.4	~~11.6~~ 14.9	126.0	120.0	105.0			105.0						W10X22	~~19.5~~	~~16.8~~		~~1019.0~~	13.0		2.4		
EB US 150	2108+30	LT		SGN-BR-104-P	150 WEST, NEXT LEFT			102.0	66.0	46.8			46.8	SEE SHEETS FOR OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED														
EB US 150	2109+29	RT		SGN-BS-105-P	150 EAST, TO 24, ARROW	~~6.0~~ 7.6	7.0	108.0	84.0	63.0			63.0						W6X15	~~15.2~~	~~15.3~~		~~608.0~~	12.0	1.4			
EB US 150	2109+84	RT	W4-1	SGN-LP-106-P	MERGE			48.0	48.0	16.0		16.0								14.1	14.0		564.0					
NB IL 29 (RAMP E)	605+90	RT		SGN-BS-107-P	150 EAST, EAST PEORIA, ARROW	~~10.0~~ 11.1	~~7.3~~ 7.0	132	102	93.5			93.5						W6X15	~~15.3~~	~~15.4~~		~~603.0~~	12.0	1.4			
NB IL 29 (RAMP E)	606+87	RT	M3-2	SGN-LP-108-P	EAST	4.0	7.0	24	12	2.0	2.0									17.3	16.9		656.0					
			M1-4		150			30	24	5.0	5.0																	
			M6-2		ARROW			21	15	2.2	2.2																	
			XM-11		RONALD REAGAN TRAIL			24	30	5.0	5.0																	
			M6-3		ARROW			21	15	2.2	2.2																	
RAMP E	1503+82	RT	W13-3	SGN-LP-109-P	RAMP, 30 MPH	8.0	7.0	36.0	48.0	12.0		12.0																
	2119+43	RT	R2-1	SGN-TS-110-P	SPEED LIMIT 45			36	48	12.0		12.0		7.5	7.5													
EB US 150	2129+66	LT	R2-1	SGN-LP-111-P	SPEED LIMIT 55		7.0	36	48	12.0		12.0																
EB US 150	2130+77	RT		SGN-TR-112-P	150 EAST, 24, ILLINOIS 116, EAST PEORIA, METAMORA, I MILE			246	144	246.0			246.0	SEE SHEETS FOR OVERHEAD SIGN STRUCTURE - SPAN														85.0
EB US 150	2134+06	LT	I1-I104	SGN-LP-113-P	TAZEWELL COUNTY		7.0	30	24	5.0	5.0																	
EB US 150	2158+24	LT	D13-I102	SGN-LP-114-P	LEAVING		7.0	30	9	1.9	1.9																	
			D13-I100		WATER SUPPLY PROTECTION AREA			30	42	8.8	8.8																	
EB US 150	2160+07	RT		SGN-BS-115-P	150 EAST, 24, ILLINOIS 116 WEST, EAST PEORIA, 1 1/4 MILE	~~6.0~~ 24.0	7.0	210	138	201.3			201.3						W10X22 W14X38	21.3 ~~18.9~~	24.5 ~~21.8~~	27.5 ~~24.8~~	1943.0 ~~3112.0~~	19.5 ~~24.0~~		3.5	~~6.3~~	
EB US 150	2165+00	LT	R2-1	SGN-TS-116-P	SPEED LIMIT 55		7.0	36	48	12.0		12.0		7.5	7.5													
EB US 150 (RAMP SW)	010+50	RT	M3-4	SGN-TS-117-P	WEST	10.8	7.0	36	18	4.5	4.5																	
			M1-4		24	~~26.0~~		36	36	9.0	9.0			9.8	9.8													
			M6-2		ARROW			30	21	4.4	4.4																	
EB US 150 (RAMP SW)	2169+00	RT/LT		SGN-TR-118A-P	24 EAST, WASHINGTON, ARROW			174	114	137.8			137.8	SEE SHEETS FOR OVERHEAD SIGN STRUCTURE - SPAN													33.6	85.0
				SGN-TR-118B-P	ILLINOIS 116 EAST, METAMORA, 1/4 MILE			150	114	118.75			118.8															
				SGN-TR-118C-P	150 EAST, 24, ILLINOIS 116 WEST, EAST PEORIA, ARROW			210	150	218.8			218.8															
RAMP SW	013+39	RT	W13-3	SGN-WP-119-P	RAMP, 35 MPH	27.0	7.0	36	48	12.0		12.0				16.0		16.0										
EB US 150 RAMP SW	2174+20	RT	E5-1	SGN-WP-120-P	EXIT, ARROW	22.0	7.0	66	66	30.3			30.3			17.5	17.5	35.0										
FAIRLANE DR (RAMP SW)	25+25	RT	R7-8	SGN-TS-121A-P	RESERVED PARKING		7.0	12	18	1.5	1.5			14.0	14.0													
			R-I101P		$350 FINE			12	6	0.5	0.5																	
FAIRLANE DR (RAMP SW)	25+25	RT	R7-8	SGN-TS-121B-P	RESERVED PARKING		7.0	12	18	1.5	1.5			14.0	14.0													
			R-I101P		$350 FINE			12	6	0.5	0.5																	
FAIRLANE DR (RAMP SW)	25+25	RT	R1-1	SGN-TS-122-P	STOP		7.0	30	30	6.3	6.3			14.5	14.5													
IL RTE 29	605+41	RT	R7-8	SGN-TS-123A-P	RESERVED PARKING		7.0	12	18	1.5	1.5			14.0	14.0													
			R-I101P		$350 FINE			12	6	0.5	0.5																	
IL RTE 29	605+91	RT	R7-8	SGN-TS-123B-P	RESERVED PARKING		7.0	12	18	1.5	1.5			14.0	14.0													
			R-I101P		$350 FINE			12	6	0.5	0.5																	
IL RTE 29	604+21	RT	R1-1	SGN-TS-124-P	STOP		7.0	30	30	6.3	6.3			14.5	14.5													
EB US 150	~~2116+46~~ 2166+45	LT		SGN-LP-125-P	MCCLUGAGE BRIDGE		7.0	~~54.0~~ 84.0	~~24.0~~ 30.0	~~9.0~~ 12.5	~~9.0~~ 12.5																	
					ILLINOIS RIVER			~~36.0~~ 72	~~24.0~~ 24.0	~~6.0~~ 6.8	~~6.0~~ 8.8																	
EB US 150	2159+00	RT	W9-7	SGN-TS-126-P	RIGHT LANE EXIT ONLY AHEAD			48	48	16.0		16.0		7.5	7.5													
RAMP A	1112+00	RT	R5-1a	SGN-TS-127-P	WRONG WAY			36	24	6.0	6.0			15.0	15.0													
RAMP SW	31+00	RT	R5-1a	SGN-TS-128-P	WRONG WAY			36	24	6.0	6.0			15.0	15.0													
TOTAL											~~121~~ 131	~~104~~	1261		147			51				~~4279~~ 5334		2.8	~~5.9~~ 2.4	~~6.3~~	33.6	170

FINAL SUBMITTAL

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MILLENNIA PROFESSIONAL SERVICES www.mps-il.com	USER NAME = rwatson	DESIGNED -	REVISED - 2 04/16/2019
		DRAWN -	REVISED -
	PLOT SCALE = 100.00 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/3/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
PROPOSED SIGN SCHEDULE

SCALE: N/A | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	532
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

PAVEMENT MARKING SCHEDULE - PEORIA AND TAZEWELL COUNTIES

LOCATION (PEORIA & TAZEWELL)				DELINEATORS	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	CURB REFLECTORS	GROOVING FOR RECESSED PAVEMENT MARKING 9"
	STATION	TO	STATION	EACH	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT
US 150 (PEO)	2090+60.7		2106+75.2					130 ~~63~~	4831	813	1452	780		160		
US 150 (TAZ)	2106+75.2		2157+51.0		8173 ~~8075~~	5706	828									2682
US 150 (TAZ)	2157+51.0		2179+38.4						3918	547	1198	342		50		
RAMPS A/B (PEO)	1105+00.0		1114+00.0	30					1844	169	378	140	47 ~~35~~		75	
IL RTE 29 (PEO)	604+30.0		615+74.0						3852	729	854	881	62	91		
RAMP E (PEO)	1503+60.0		1505+59.0						398		554					
RAMP E (PEO)	1505+59.0		1509+27.4		737	1755	191									
RAMP SW (TAZ)	10+79.3		35+40.0						3269		827					
IL RTE 116 (TAZ)	185+91.7		213+37.5					125	4106	687 ~~587~~	2780	134	40	86		
MARINA PARK RD (TAZ)								62	449	51	276	58	53			
TOTAL				30	~~8810~~ 8910	7461	1019	~~270~~ 317	22667	~~2896~~ 2996	8319	~~1454~~ 2335	~~190~~ 202	387	75	2682

2 2 2 2

FINAL SUBMITTAL

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MILLENNIA PROFESSIONAL SERVICES
www.mps-il.com

USER NAME = rwatson	DESIGNED - TN	REVISED - 2 04/16/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JP	REVISED -	
PLOT SCALE = 100.00 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 4/3/2019	DATE - 11/28/18	REVISED -	

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
PROPOSED PAVEMENT MARKING SCHEDULE

SCALE: N/A | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	533
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

SIGN DETAIL

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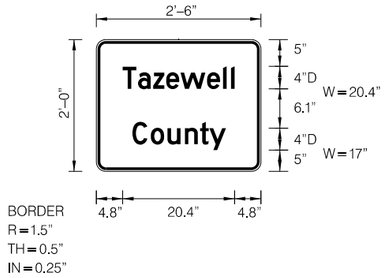


SIGN NUMBER	SGN–BR–113–P	
WIDTH x HGHT.	2'–6" x 2'–0"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective
	COLOR:	Green
LEGEND/BORDER	TYPE:	Reflective
	COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

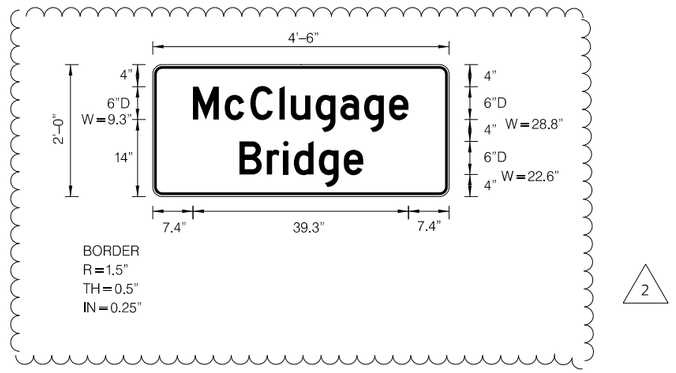
Dimensions are in inches.tenths

LETTER POSITIONS (X)

T	a	z	e	w	e	l	l								LENGTH	SERIES/SIZE
4.8	7.6	10.4	12.7	15.3	20.2	23.1	24.5								20.4	D 2000 4/3
C	o	u	n	t	y										LENGTH	SERIES/SIZE
6.6	9.9	13	16.1	18.9	20.6										17	D 2000 4/3

SIGN DETAIL

1:12.5



SIGN NUMBER	SGN–LP–125A–P	
WIDTH x HGHT.	4'–6" x 2'–0"	
BORDER WIDTH	0.5"	
CORNER RADIUS	1.5"	
MOUNTING	Ground	
BACKGROUND	TYPE:	Reflective
	COLOR:	Green
LEGEND/BORDER	TYPE:	Reflective
	COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in inches.tenths

LETTER POSITIONS (X)

M	c	C	l	u	g	a	g	e							LENGTH	SERIES/SIZE
7.4	13.1	17.8	23	25.1	29.6	34.1	38.5	39							39.3	D 2000 6/4.5
B	r	l	d	g	e										LENGTH	SERIES/SIZE
15.8	20.8	23.8	25.7	30.3	34.8										22.6	D 2000 6/4.5

FINAL SUBMITTAL

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SGNDET10

MILLENNIA PROFESSIONAL SERVICES www.mps-il.com	USER NAME = rwatson	DESIGNED - TN	REVISED - 2 04/16/2019
		DRAWN - JP	REVISED -
	PLOT SCALE = 230.00 ' / in.	CHECKED - TN	REVISED -
	PLOT DATE = 4/2/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
SIGNING DETAILS - MINOR PANEL

SCALE: | SHEET 10 OF 11 SHEETS | STA. | TO STA.

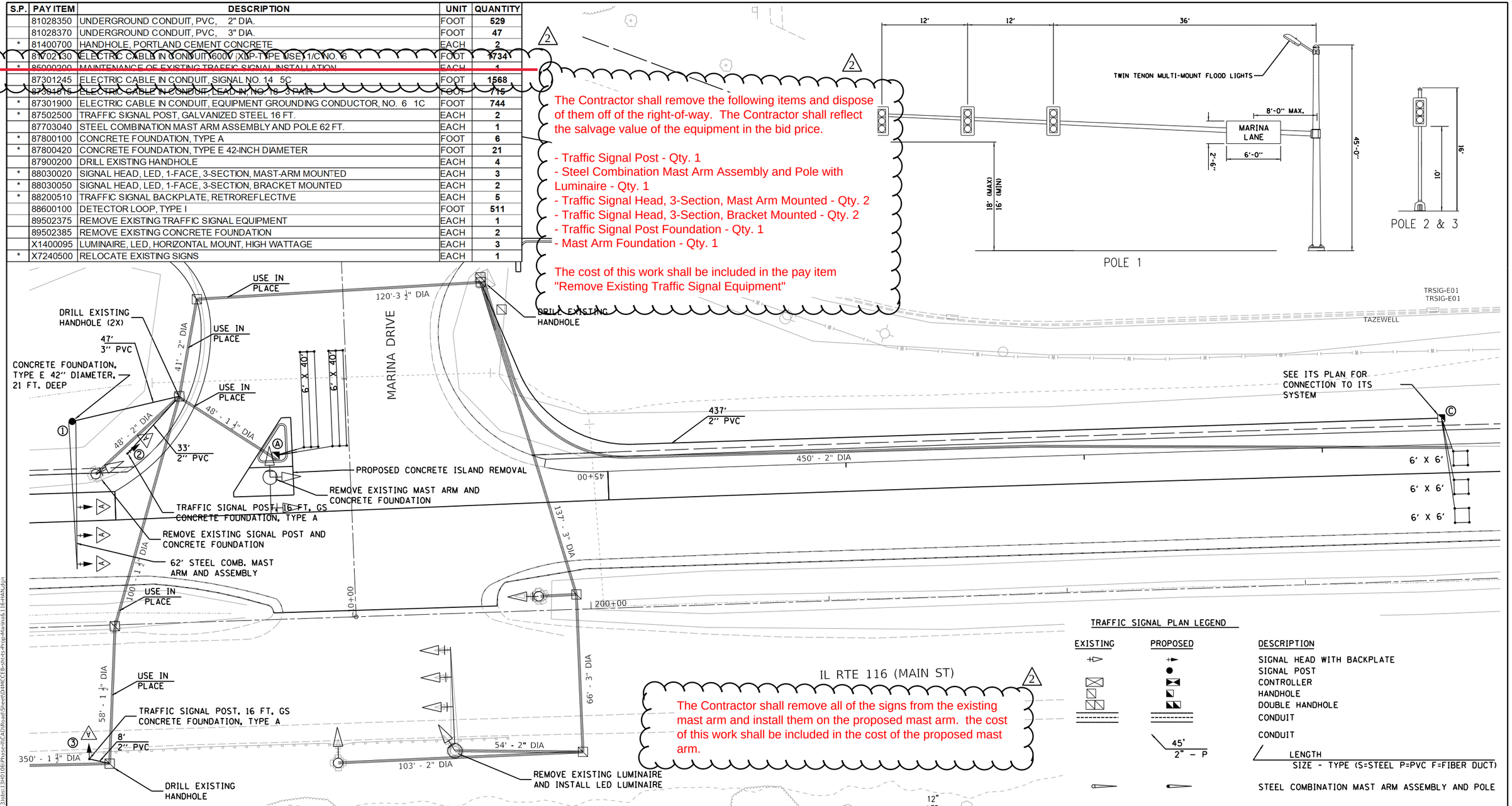
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:[(102-1),(14HB)]BR)BR	PEORIA	1361	551
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

S.P.	PAY ITEM	DESCRIPTION	UNIT	QUANTITY
	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	529
	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	47
*	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
*	87702130	ELECTRIC CABLE IN CONDUIT, 600V (XHP-TYPE USE), 1/C NO. 6	FOOT	1734
*	95000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1568
	87301815	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	715
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	744
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
	87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
	87900200	DRILL EXISTING HANDHOLE	EACH	4
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
*	88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5
	88600100	DETECTOR LOOP, TYPE I	FOOT	511
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	3
*	X7240500	RELOCATE EXISTING SIGNS	EACH	1

The Contractor shall remove the following items and dispose of them off of the right-of-way. The Contractor shall reflect the salvage value of the equipment in the bid price.

- Traffic Signal Post - Qty. 1
- Steel Combination Mast Arm Assembly and Pole with Luminaire - Qty. 1
- Traffic Signal Head, 3-Section, Mast Arm Mounted - Qty. 2
- Traffic Signal Head, 3-Section, Bracket Mounted - Qty. 2
- Traffic Signal Post Foundation - Qty. 1
- Mast Arm Foundation - Qty. 1

The cost of this work shall be included in the pay item "Remove Existing Traffic Signal Equipment"



The Contractor shall remove all of the signs from the existing mast arm and install them on the proposed mast arm. the cost of this work shall be included in the cost of the proposed mast arm.

IL RTE 116 (MAIN ST)

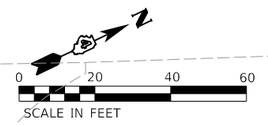
MAST ARM POLES, POSTS & HANDHOLES			
I.D.	CONTROL LINE	STATION	OFFSET
①	IL 116	197+85	86' LT
②	IL 116	198+08	72' LT
③	IL 116	197+87	56' RT
Ⓐ	IL 116	198+70	69' LT
Ⓑ	IL 116	203+59	68' LT

NOTE:
THE COST OF REMOVING THE EXISTING TENON MOUNTED LUMINAIRE SHALL BE INCLUDED IN THE COST OF THE PROPOSED LED LUMINAIRE.

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		CONDUIT
	45' 2" – P	CONDUIT LENGTH SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT)
		STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

1	2	N/A	N/A		PROPOSED TRAFFIC SIGNAL FACES



USER NAME = Shipp01364	DESIGNED - BWW	REVISED -	
	DRAWN - JEO	REVISED -	
PLOT SCALE = 40.00 ' / in.	CHECKED - KNB	REVISED -	
PLOT DATE = 11/27/2018	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
PROPOSED TRAFFIC SIGNALS (IL. RTE. 116 & MARINA DR.)

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	TAZEWELL	1361	606
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

FINAL SUBMITTAL

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2 REV. 4/15/19

GENERAL NOTES:

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
3. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. THE LOCATIONS OF EXISTING LIGHTING FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
5. WHEREVER TEMPORARY AERIAL CABLE IS REQUIRED TO CROSS AN EXISTING OR PROPOSED ROADWAY, THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 20 FEET OF VERTICAL CLEARANCE OVER THE ROADWAY AT ALL TIMES.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL A CONCRETE WORK PAD IN FRONT OF THE LIGHTING CONTROLLER PER SECTION 825 OF THE STANDARD SPECIFICATIONS.
7. NO LIGHT POLE SHALL BE ERECTED UNTIL THE FOUNDATION HAS CURED PER ARTICLE 1020.13 OF THE STANDARD SPECIFICATIONS.
8. FOUNDATIONS FOR RELOCATED LIGHT POLES SHALL BE 30" DIAMETER. THE CONTRACTOR SHALL VERIFY THE ANCHOR BOLT DIAMETER, BOLT CIRCLE, BOLT PROJECTION OF THE EXISTING FOUNDATIONS BEFORE CONSTRUCTION OF THE NEW FOUNDATIONS.
9. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT FOUNDATIONS SHALL BE EXOTHERMIC, AS APPLICABLE.
10. CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONFLICTS BETWEEN PROPOSED LIGHTING POLE LOCATIONS AND UTILITY LINES.
11. POLE SETBACK SHALL BE 5 FT UNLESS NOTED OTHERWISE. NO POLE SHALL BE INSTALLED IN THE FLOW LINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
12. BREAKAWAY COUPLINGS SHALL BE INSTALLED ON ALL LIGHT POLES, EXCEPT LIGHT POLES THAT ARE MOUNTED ON THE BRIDGE PARAPET WALL, ARE LOCATED BEHIND GUARDRAIL, OR ARE IN A PEDESTRIAN CONFLICT AREA ACCORDING TO ARTICLE 838.
13. STAINLESS STEEL SCREEN INSTALLED AROUND BREAKAWAY COUPLINGS OR ANCHOR RODS AND NUTS SHALL BE ACCORDING TO ARTICLE 1070.
14. THE CONTRACTOR SHALL INSTALL LUMINAIRES WITH OPTICS SET PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY OR PEDESTRIAN/BICYCLE PATHWAY.
15. ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBER SHALL BE AS DIRECTED BY THE ENGINEER.
16. FURNISH AND INSTALL STAINLESS STEEL CONDUIT WHEREVER CONDUIT ATTACHED TO STRUCTURE IS SUSCEPTIBLE TO DROPPING FROM THE BRIDGE OR SALT SPRAY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE APPLICABLE CONDUIT ATTACHED TO STRUCTURE PAY ITEM.
17. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT THE APPROVAL OF THE ENGINEER.
18. ALL LIGHT POLES, LUMINAIRES, AND LIGHTING EQUIPMENT SCHEDULED FOR REMOVAL IN PEORIA COUNTY SHALL BE DELIVERED TO THE CITY OF PEORIA DRIES LANE FACILITY LOCATED AT 3505 N. DRIES LANE, PEORIA, IL.
19. ALL LIGHT POLES, LUMINAIRES, AND LIGHTING EQUIPMENT SCHEDULED TO BE REMOVED ON THE BRIDGE AND IN TAZEWELL COUNTY SHALL BE DELIVERED TO THE IDOT MAINTENANCE FACILITY LOCATED AT 6500 W US ROUTE 150, EDWARDS, IL.

2

20. The Contractor shall furnish and install expansion/deflection couplings for all bridge joints as required and directed by the Engineer. The cost of this work shall be included in the cost of the proposed conduit.

21. All non-metallic conduit shall be equipped with integral stainless steel kellum grips at the ends for increased strength and durability. The cost of this work shall be included in the cost of the proposed conduits attached to structure.

22. The Contractor shall install thread locker on all attached conduit bracket threaded connections to prevent loosening through vibration. The cost of this work shall be included in the cost of the attached conduit.

23. The Contractor shall ground all exposed steel conduits in accordance with NEC requirements. The Contractor shall maintain the continuity of the ground system when using non-metallic conduit by installing a #6 grounding conductor inside the non-metallic conduit and bonding this wire to the stainless steel conduits at each end. The cost of this work shall be included in the cost of the stainless steel conduit pay items.

24. The cost of the 3/4" diameter waterproof non-metallic flexible conduit shall be included in the cost of the pay item for "Conduit Attached to Structure, 3/4 Dia., Galvanized Steel".

25. The cost of the 2" waterproof flexible conduit shall be included in the cost of the pay item for "Conduit Attached to Structure, 2 Dia., Galvanized Steel".

26. The Contractor shall furnish and install all items required to attach the conduits including but not limited to uni-strut, brackets, lbs, fittings, hardware and other miscellaneous items. These items will not be paid for separately, but shall be included in the cost of the attached conduit.

LEGEND:

- EXISTING ELECTRIC UTILITY POLE
- EXISTING LIGHTING CONTROLLER
- EXISTING LIGHTING UNIT NO.
- EXISTING ROADWAY LIGHTING UNIT
- EXISTING UNDERPASS LUMINAIRE
- EXISTING WATERWAY OBSTRUCTION WARNING LUMINAIRE, GREEN CHANNEL CENTER
- EXISTING WATERWAY OBSTRUCTION WARNING LUJMINAIRE, RED CHANNEL MARGIN
- EXISTING JUNCTION BOX (JB)
- EXISTING UNIT DUCT
- PROPOSED LIGHTING CONTROLLER, SIZE AND TYPE AS NOTED
- PROPOSED LIGHTING UNIT NO.
- PROPOSED PATHWAY LIGHTING UNIT, LED LUMINAIRE, HORIZONTAL MOUNT, VERY LOW WATTAGE
- PROPOSED PARK LIGHTING UNIT, LED LUMINAIRE, HORIZONTAL MOUNT, LOW WATTAGE
- PROPOSED ROADWAY LIGHTING UNIT, LED LUMINAIRE, HORIZONTAL MOUNT, MEDIUM WATTAGE
- PROPOSED UNDERPASS LIGHTING UNIT, LED LUMINAIRE, WALL MOUNT
- PROPOSED WATERWAY OBSTRUCTION WARNING LUMINAIRE, GREEN CHANNEL CENTER, 25W, LED
- PROPOSED WATERWAY OBSTRUCTION WARNING LUMINAIRE, RED CHANNEL MARGIN, 25W, LED
- PROPOSED JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, SIZE AS NOTED
- PROPOSED UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- PROPOSED AERIAL CABLE
- PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA, SCHEDULE 80

The existing lighting system shall remain in operation during the installation of the proposed lighting system. Any maintenance of existing lighting facilities will be considered extra work in accordance with Article 109.04 of the standard specifications.

2

SCHEDULE OF QUANTITIES

DESCRIPTION	UNITS	TOTAL QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	4
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	70
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	435
CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., GALVANIZED STEEL	FOOT	112
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	115
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	1,756
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	20,265
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	10
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 12" X 4"	EACH	28
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 12" X 8"	EACH	8
UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	3,850
UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2,495
UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	6,086
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	462
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	31,414
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	17,156
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	7,520
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	19,505
WATERWAY OBSTRUCTION WARNING LUMINAIRE, LED	EACH	6
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP (DUAL)	EACH	3
LIGHT POLE, ALUMINUM, 45 FT. M.H., 8 FT. DAVIT ARM	EACH	9
LIGHT POLE, ALUMINUM, 30 FT. M.H., TENON MOUNT	EACH	15
LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 8 FT. MAST ARM	EACH	13
LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 15 FT. MAST ARM	EACH	9
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	110
LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	202
BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	13
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	32
REMOVAL OF POLE FOUNDATION	EACH	16
REMOVAL OF NAVIGATION OBSTRUCTION WARNING LIGHTING SYSTEM	L SUM	1
REMOVAL OF LIGHTING CONTROLLER	EACH	3
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	3
GFCI 20 AMP DUPLEX RECEPTACLE	EACH	28
CIRCUIT BREAKER IN STREET LIGHT CONTROLLER	EACH	1
LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	15
LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	57
LUMINAIRE, LED, HORIZONTAL MOUNT, VERY LOW WATTAGE	EACH	7
LUMINAIRE, LED, SPECIAL	EACH	28
REMOVAL OF LIGHTING LUMINAIRE, SALVAGE	EACH	10
UNDERPASS LUMINAIRE, LED, LOW WATTAGE	EACH	4
CONDUIT, FLEXIBLE NON-METALLIC, WEATHERPROOF, 1.0" DIAMETER	FOOT	155
LIGHT POLE, SPECIAL	EACH	26
LIGHT POLE, ALUMINUM, 18 FT. M.H., TENON MOUNT (SPECIAL)	EACH	7
REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	2

CABLE/CONDUIT SCHEDULE

- (A) UNIT DUCT, 600V, 2-1/C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1/C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (C) UNIT DUCT, 600V, 2-1/C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (D) ELECTRIC CABLE, 600V (XLP-TYPE USE) 6-1/C NO. 2, 2-1/C NO. 4 GROUND AND 3-1/C NO.8, 1/C NO.8 GROUND IN UNDERGROUND CONDUIT, GALV STEEL, 2" DIA.
- (E) ELECTRIC CABLE, 600V (XLP-TYPE USE) 2-1/C NO. 8, 1/C NO. 8 GROUND IN CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC
- (F) ELECTRIC CABLE, 600V (XLP-TYPE USE) 2-1/C NO. 6, 1/C NO. 6 GROUND IN CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC
- (G) ELECTRIC CABLE, 600V (XLP-TYPE USE) 3-1/C NO. 2, 1/C NO. 4 GROUND, AND 3-1/C NO. 8, 1/C NO. 8 GROUND IN CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC
- (H) ELECTRICAL CABLE, 600V (XLP-TYPE USE) 2-1/C NO. 10, 1/C NO. 10 GROUND, IN CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA. GALV STEEL
- (I) ELECTRICAL CABLE, 600V (XLP-TYPE USE) 2-1/C NO. 8, 1/C NO. 8 GROUND, IN CONDUIT ATTACHED TO STRUCTURE, 1" DIA. GALV STEEL
- (J) ELECTRICAL CABLE, 600V (XLP-TYPE USE) 4-1/C NO. 2, 2-1/C NO. 4 GROUND, AND 4-1/C NO. 8, 2-1/C NO. 8 GROUND, IN CONDUIT ATTACHED TO STRUCTURE, 2" DIA. GALV STEEL
- (K) ELECTRIC CABLE, 600V (XLP-TYPE USE) 4-1/C NO. 6, 2-1/C NO. 6 GROUND IN CONDUIT ATTACHED TO STRUCTURE, 2" DIA. GALV STEEL
- (L) ELECTRIC CABLE, 600V (XLP-TYPE USE) 3-1/C NO. 2, 1/C NO. 4 GROUND, AND 3-1/C NO. 8, 1/C NO. 8 GROUND IN CONDUIT ATTACHED TO STRUCTURE, 2" DIA. GALV STEEL
- (M) ELECTRICAL CABLE, 600V (XLP-TYPE USE) 2-1/C NO. 8, 1/C NO. 8 GROUND, IN CONDUIT, FLEXIBLE, LIQUID TIGHT, NON-METALLIC, 1" DIA.

LTG-01

FINAL SUBMITTAL

TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = SFicker	DESIGNED - SF	REVISED -
		DRAWN - SF	REVISED -
	PLOT SCALE = 2.00 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/28/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
LIGHTING GENERAL NOTES, SYMBOLS, LEGENDS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEO/TAZ	1361	613

CONTRACT NO. 68B46

ILLINOIS | FED. AID PROJECT | NHPP-YRP3(905)

2 REV. 4/15/19

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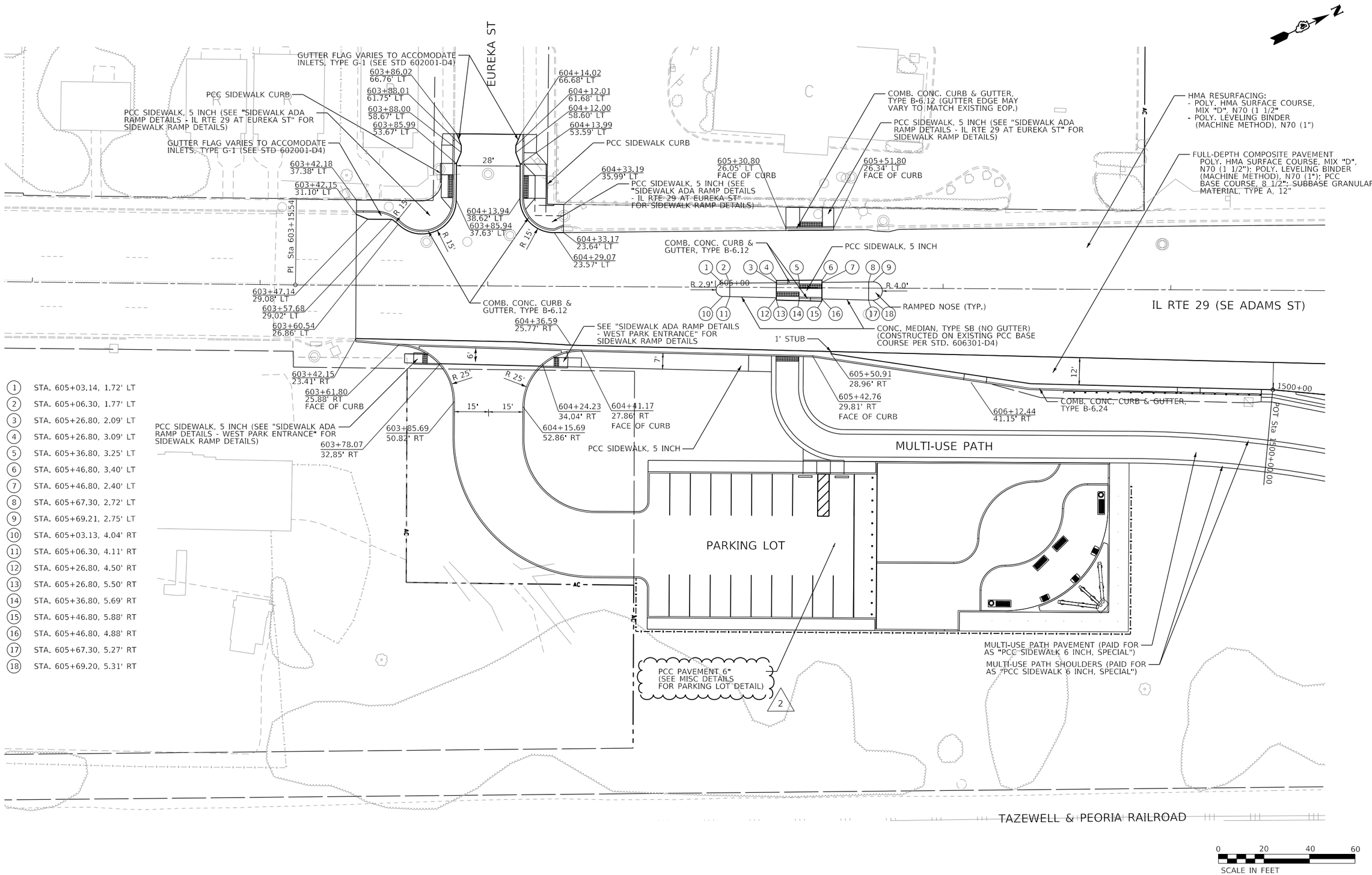

1. STA. 605+03.14, 1.72' LT
2. STA. 605+06.30, 1.77' LT
3. STA. 605+26.80, 2.09' LT
4. STA. 605+26.80, 3.09' LT
5. STA. 605+36.80, 3.25' LT
6. STA. 605+46.80, 3.40' LT
7. STA. 605+46.80, 2.40' LT
8. STA. 605+67.30, 2.72' LT
9. STA. 605+69.21, 2.75' LT
10. STA. 605+03.13, 4.04' RT
11. STA. 605+06.30, 4.11' RT
12. STA. 605+26.80, 4.50' RT
13. STA. 605+26.80, 5.50' RT
14. STA. 605+36.80, 5.69' RT
15. STA. 605+46.80, 5.88' RT
16. STA. 605+46.80, 4.88' RT
17. STA. 605+67.30, 5.27' RT
18. STA. 605+69.20, 5.31' RT

FINAL SUBMITTAL

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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - MPG	REVISED -	
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PLOT DATE = 4/8/2019	DATE - 11/28/2018	REVISED -	

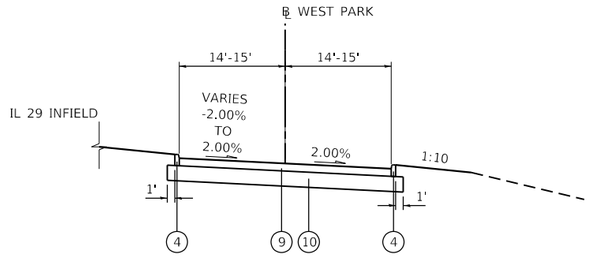
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
INTERSECTION DETAILS - IL RTE 29 AT EUREKA ST

SCALE: 1"=20' | SHEET 3 OF 4 SHEETS | STA. N/A | TO STA. N/A

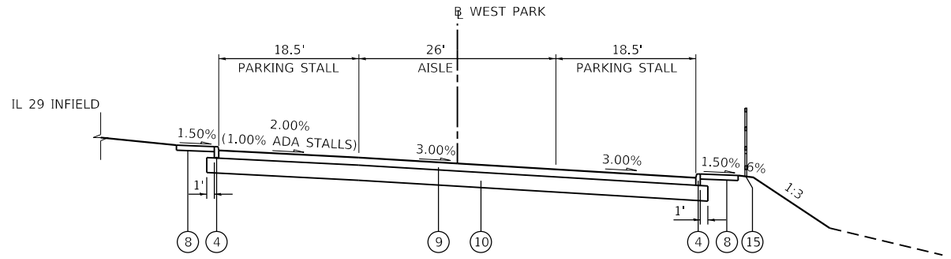
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	674
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

INTDET-W03



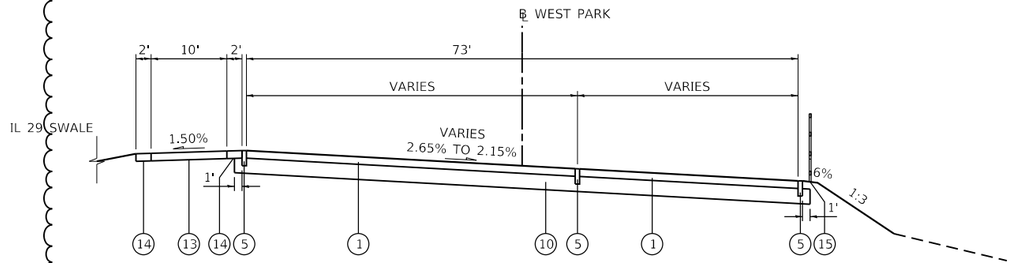
TYPICAL SECTION A-A

WEST PARK
ACCESS ROAD



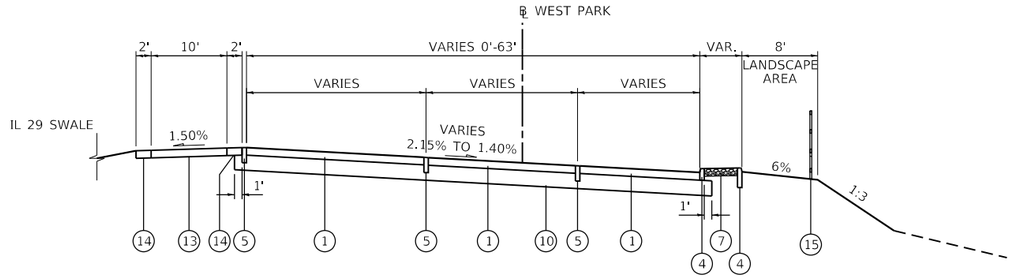
TYPICAL SECTION B-B

WEST PARK
PARKING LOT



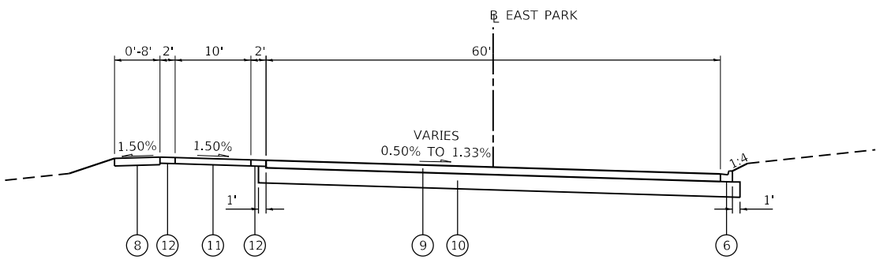
TYPICAL SECTION C-C

WEST PARK
PARK AREA



TYPICAL SECTION D-D

WEST PARK
PARK AREA



TYPICAL SECTION E-E

EAST PARK
PARK AREA

PROPOSED LEGEND

2

1. PCC PAVEMENT 6", SPECIAL
2. NOT USED
3. NOT USED
4. CONCRETE CURB, TYPE B
5. CONCRETE CURB (SPECIAL)
6. COMBINATION CONCRETE CURB AND GUTTER, B-6.12
7. LANDSCAPING GRAVEL
8. PCC SIDEWALK, 6 INCH
9. PCC PAVEMENT, 6 INCH
10. SUBBASE GRANULAR MATERIAL, TYPE A (12")
11. MULTI-USE PATH PAVEMENT (PAID FOR AS "PCC SIDEWALK 5 INCH, SPECIAL")
12. MULTI-USE PATH SHOULDERS (PAID FOR AS "PCC SIDEWALK 5 INCH, SPECIAL")
13. MULTI-USE PATH PAVEMENT (PAID FOR AS "PCC SIDEWALK 6 INCH, SPECIAL")
14. MULTI-USE PATH SHOULDERS (PAID FOR AS "PCC SIDEWALK 6 INCH, SPECIAL")
15. CHAIN LINK FENCE, 4'

MSCDET-P01

FINAL SUBMITTAL

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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - KRP	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MISCELLANEOUS DETAIL - PARK TYPICAL SECTIONS

SCALE: NONE | SHEET 1 OF 14 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	680
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)	

2 DELETE SHEET

FINAL SUBMITTAL

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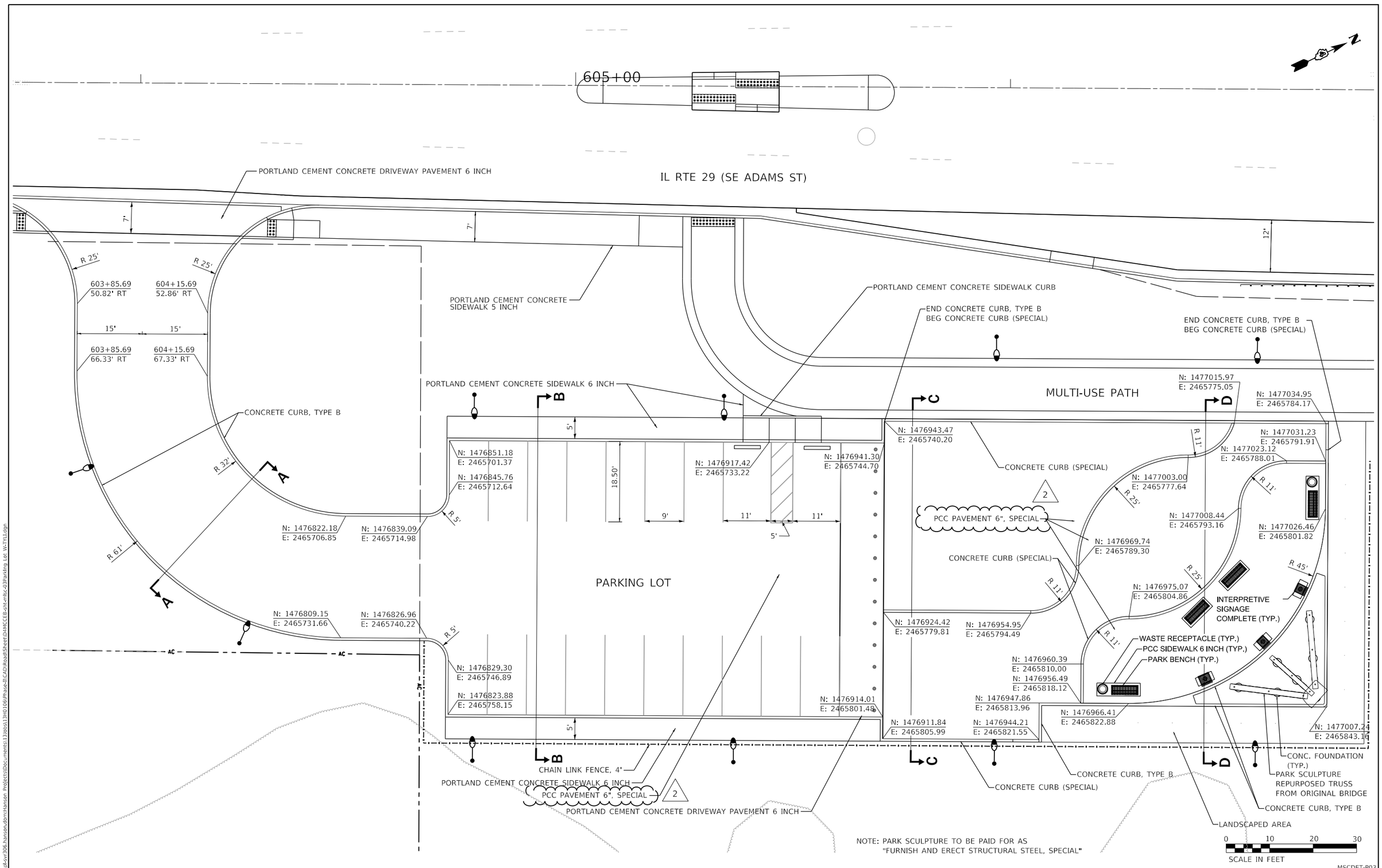
MSCD

EFK◊Moen, LLC Civil Engineering Design	USER NAME = MSpillers	DESIGNED - MYS	REVISED - 2 4/16/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT MISCELLANEOUS DETAIL - WEST PARK DRAINAGE TYP. SEC.
		DRAWN - MSK	REVISED -		
	PLOT SCALE = 20.00 ' / in.	CHECKED - SLD	REVISED -		SCALE: NONE | SHEET 2 OF 14 SHEETS | STA. N/A TO STA. N/A
	PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	681
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 REV. 4/15/19



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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2
		DRAWN - KRP	REVISED -
	PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -
	PLOT DATE = 4/8/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MISCELLANEOUS DETAIL - WEST PARK GEOMETRY

SCALE: 1"=10' | SHEET 3 OF 14 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	682
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

605+00

IL RTE 29 (SE ADAMS ST)

7'

12'

2

PCC PAVEMENT 6", SPECIAL
PATTERN: HERRINGBONE

PRECAST CONCRETE PARKING BLOCKS

PCC PAVEMENT 6"

MULTI-USE PATH

PARKING LOT

PATTERN DIRECTION

3'

10'

5.00'

TYPE 5
(SEE S.P.)

TYPE 1 (SEE S.P.)

10'

3'

9'
(TYP.)

AC

24'

REMOVABLE BOLLARD

BOLLARD (TYP.)

PCC DRIVEWAY PAVEMENT, 6 INCH

PCC PAVEMENT 6", SPECIAL
SOLDIER COURSE AT BORDER

PCC PAVEMENT 6", SPECIAL
PATTERN: HERRINGBONE

WASTE RECEPTACLE (TYP.)

PARK BENCH (TYP.)

PCC SIDEWALK PAVEMENT, 6 INCH
UNDER ALL SITE FURNISHINGS (TYP.)

INTERPRETIVE SIGNAGE COMPLETE (TYP.)
TYPE 3 (SEE SPECIAL PROVISION)

LANDSCAPING GRAVEL

0 10 20 30
SCALE IN FEET

MSCDET-P05

FINAL SUBMITTAL

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TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2
		DRAWN - KRP	REVISED -
	PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -
	PLOT DATE = 4/8/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MISCELLANEOUS DETAIL - WEST PARK SITE FURNISHINGS

SCALE: 1"=10' | SHEET 5 OF 14 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	684
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

2 ENTIRE SHEET

N

605+00

STA. 604+68.45, 91.83' RT
MH TYPE A, 4' DIA
TYPE 1 FRAME, CLOSED LID
RIM ELEV = 494.97
NE INV = 489.24

STORM SEWER
CLASS B TYPE 2, 36"
93 FT @ 0.3%

STA. 605+66.45, 91.83' RT
MH TYPE A, 6' DIA, TYPE 1
FRAME, CLOSED LID
RIM ELEV = 493.90
SW INV = 488.96
NE INV = 488.96
SE INV = 488.95

STA. 605+66.45, 101.83' RT
MH TYPE A, 6' DIA, TYPE 1
FRAME, CLOSED LID
RIM ELEV = 493.70
NE INV = 488.94
SE INV = 488.92

STA. 604+68.45, 133.83' RT
INLET TYPE B
TYPE 1 FRAME, CLOSED LID
RIM ELEV = 493.50
NE INV = 489.12

STORM SEWER
CLASS B TYPE 2, 24"
93 FT @0.3%

AC

STA. 606+77.53, 91.83' RT
MH TYPE A, 4' DIA
TYPE 1 FRAME, CLOSED LID
RIM ELEV = 493.87
SW INV = 489.28

STORM SEWER
CLASS B TYPE 2, 36"
106 FT @ 0.3%

STORM SEWER
CLASS B TYPE 2, 24"
4 FT @ 0.3%

STA. 606+77.53, 101.83' RT
MH TYPE A, 4' DIA
TYPE 1 FRAME, CLOSED LID
RIM ELEV = 493.77
SW INV = 489.26

STORM SEWER
CLASS B TYPE 2, 24"
26 FT @ 0.3%

STA. 605+66.45, 133.83' RT
MH TYPE A, 7' DIA, TYPE 1 FRAME, CLOSED LID
RIM ELEV = 492.80
NW INV = 488.84, SW INV = 488.84
NE INV = 488.84, SE INV = 488.82

STORM SEWER
CLASS B TYPE 2, 24"
7 FT @ 0.3%

146 MH, TYPE A, 6' DIA,
WITH TYPE 3 FRAME AND GRATE,
TYPE 1 FRAME, CLOSED LID,
RESTRICTOR PLATE
(SEE DETIALS AND DRAINAGE PLANS)

P146 STORM SEWERS,
CLASS A, TYPE 2 12"
(SEE DRAINAGE PLANS)

147 PRECAST REINFORCED CONCRETE
FLARED END SECTION 12"
(SEE DRAINAGE PLANS)

STORM SEWER
CLASS B TYPE 2, 24"
106 FT @ 0.3%

STA. 606+77.53, 133.83' RT
INLET TYPE B
TYPE 1 FRAME, CLOSED LID
RIM ELEV = 493.33
NE INV = 489.16

0 10 20 30
SCALE IN FEET

MSCDET-P06

FINAL SUBMITTAL

MODEL: Default
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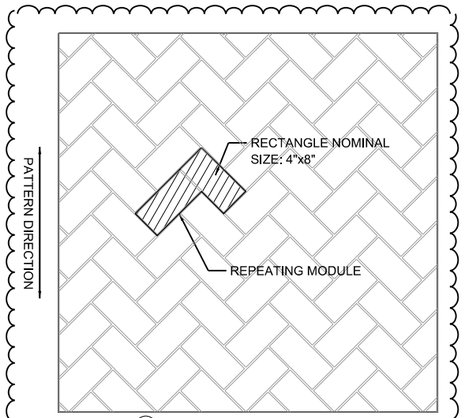
EFK • Moen, LLC Civil Engineering Design	USER NAME = MSpillers	DESIGNED - MYS	REVISED - 2 4/16/2019
		DRAWN - MYS	REVISED -
	PLOT SCALE = 20.00 ' / in.	CHECKED - SLD	REVISED -
	PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

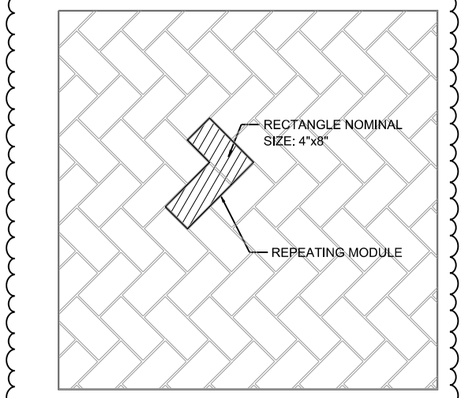
US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MISCELLANEOUS DETAIL - WEST PARK DRAINAGE

SCALE: 1"=10' | SHEET 6 OF 14 SHEETS | STA. N/A | TO STA. N/A

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	685
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

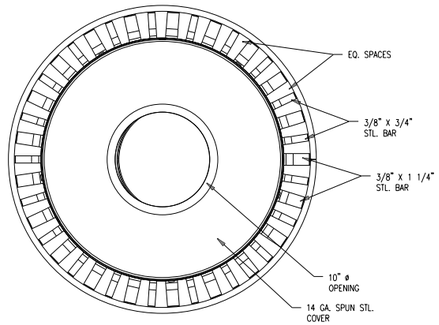


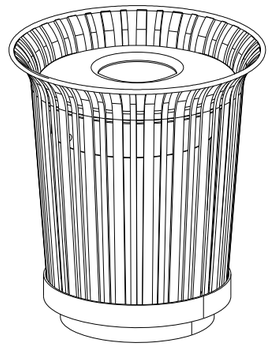
1 PATTERN: HERRINGBONE
COLOR: FEDERAL STANDARD 20100



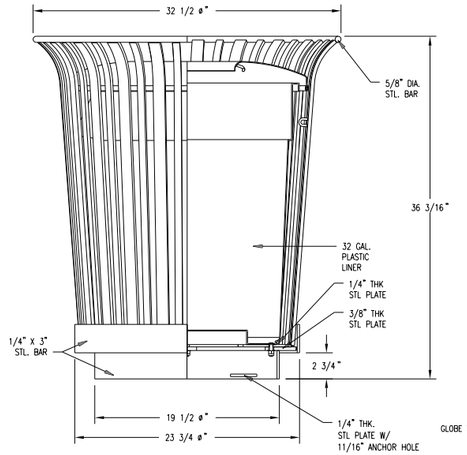
2 PATTERN: HERRINGBONE
COLOR: FEDERAL STANDARD 10049

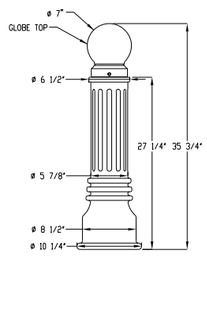
PORTLAND CEMENT CONCRETE PAVEMENT 6", SPECIAL
STAMP PATTERN
SCALE: NONE



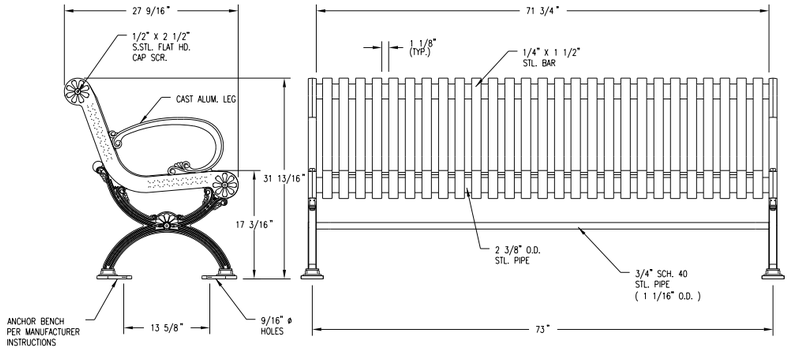


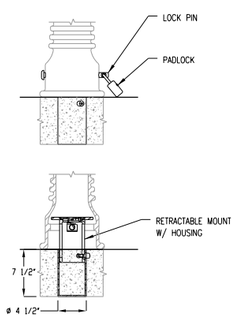
WASTE RECEPTICAL DETAIL
SCALE: NONE



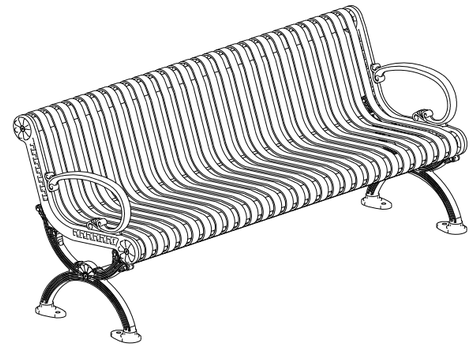


BOLLARD DETAIL
SCALE: NONE

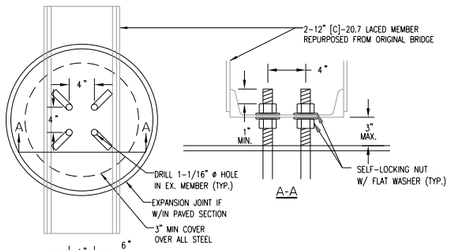




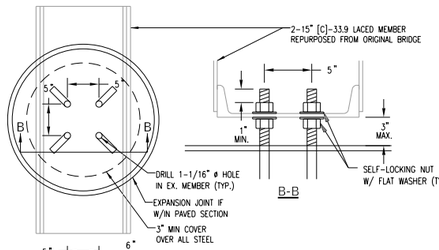
REMOVABLE BOLLARD MOUNT DETAIL
SCALE: NONE



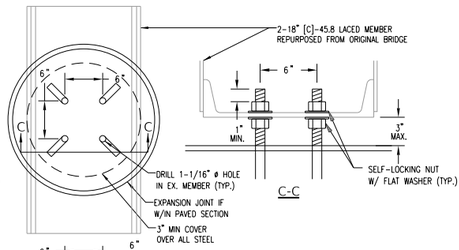
PARK BENCH DETAIL
SCALE: NONE



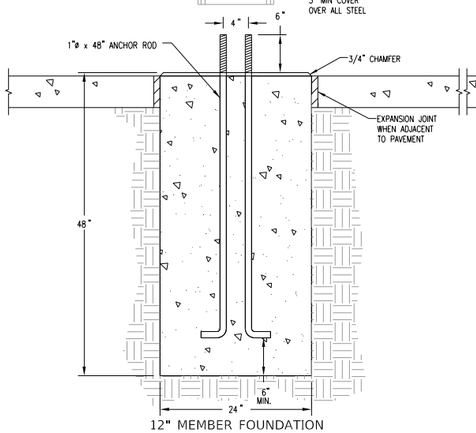
A-A



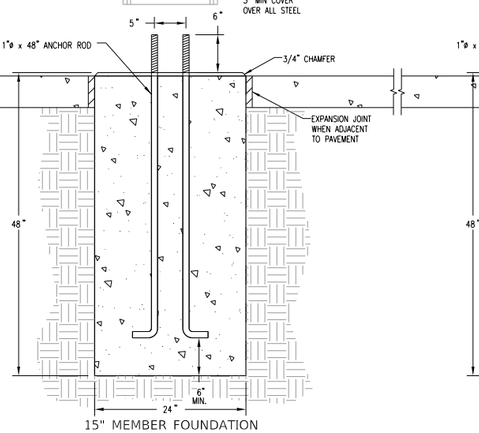
B-B



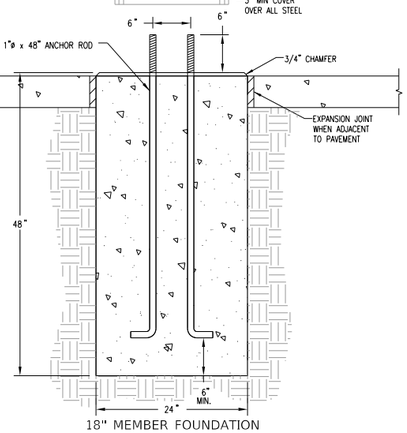
C-C



12" MEMBER FOUNDATION

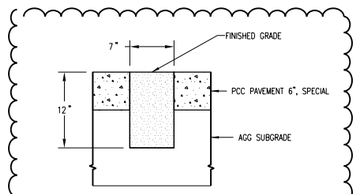


15" MEMBER FOUNDATION



18" MEMBER FOUNDATION

CONCRETE FOUNDATION FOR STEEL SCULPTURE
SCALE: NONE



CONCRETE CURB (SPECIAL) DETAIL
SCALE: NONE

MSCDET-P09

FINAL SUBMITTAL

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USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - KRP	REVISED -	
PLOT SCALE = 2.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

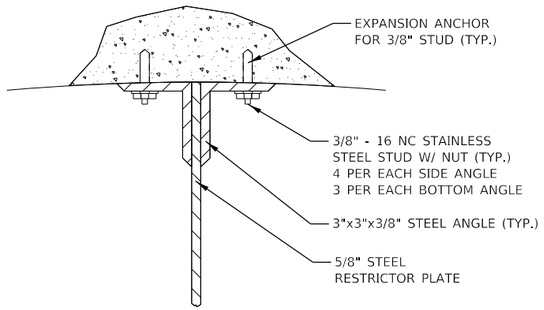
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
MISCELLANEOUS DETAIL - SITE FURNISHING DETAILS

SCALE: NONE | SHEET 9 OF 14 SHEETS | STA. N/A | TO STA. N/A

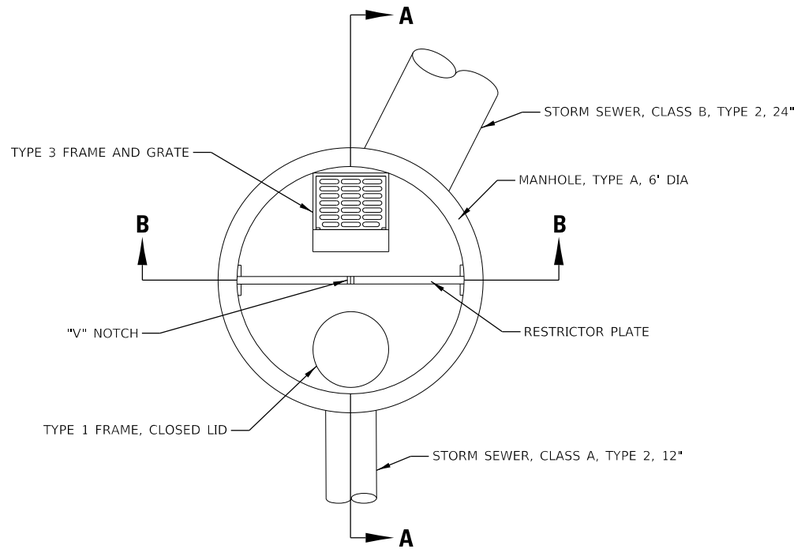
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	688
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

2 ENTIRE SHEET

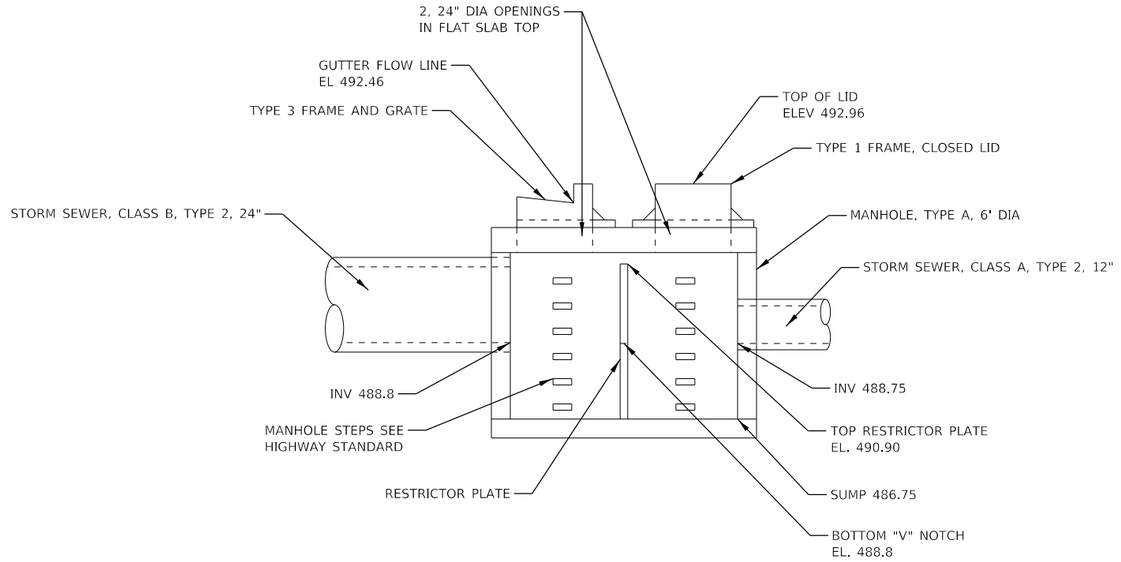


SIDE AND BOTTOM RESTRICTOR PLATE FASTENER DETAIL

NOTES:
1. SIDE STEEL ANGLES SHALL EXTEND FROM THE BOTTOM OF RESTRICTOR PLATE TO THE TOP OF THE RESTRICTOR PLATE ON BOTH SIDES OF THE PLATE ALONG EACH WALL OF THE MANHOLE.
2. BOTTOM ANGLE SHALL EXTEND FROM SIDE ANGLE TO SIDE ANGLE ALONG THE BOTTOM OF THE MANHOLE.
3. ALL STEEL ANGLES AND PLATES SHALL BE GALVANIZED AFTER FABRICATION.
4. ALL RESTRICTOR PLATES, STEEL ANGLES AND HARDWARE SHALL BE INCLUDED IN THE COST OF THE MANHOLE.

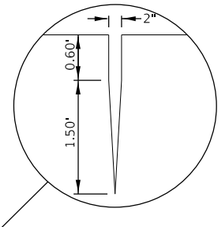


DRAINAGE STRUCTURE 146 DETAIL
PLAN VIEW

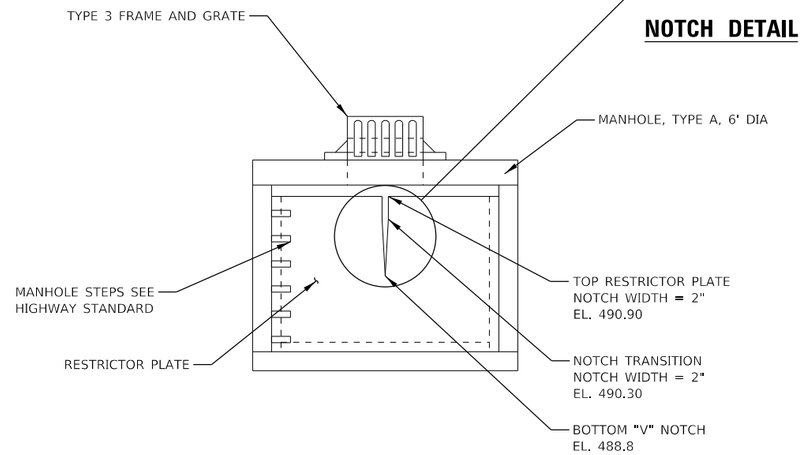


DRAINAGE STRUCTURE 146 DETAIL
VIEW A–A

NOTES:
1. MANHOLE STEPS REQUIRED ON BOTH SIDES OF RESTRICTOR PLATE TO ALLOW ACCESS TO BOTH CHAMBERS.



NOTCH DETAIL



DRAINAGE STRUCTURE 146 DETAIL
VIEW B–B

NOTES:
1. MANHOLE STEPS REQUIRED ON BOTH SIDES OF RESTRICTOR PLATE TO ALLOW ACCESS TO BOTH CHAMBERS.
2. STORM SEWERS NOT SHOWN ON THIS VIEW.

MSCDET-P11

FINAL SUBMITTAL

MODEL: Default
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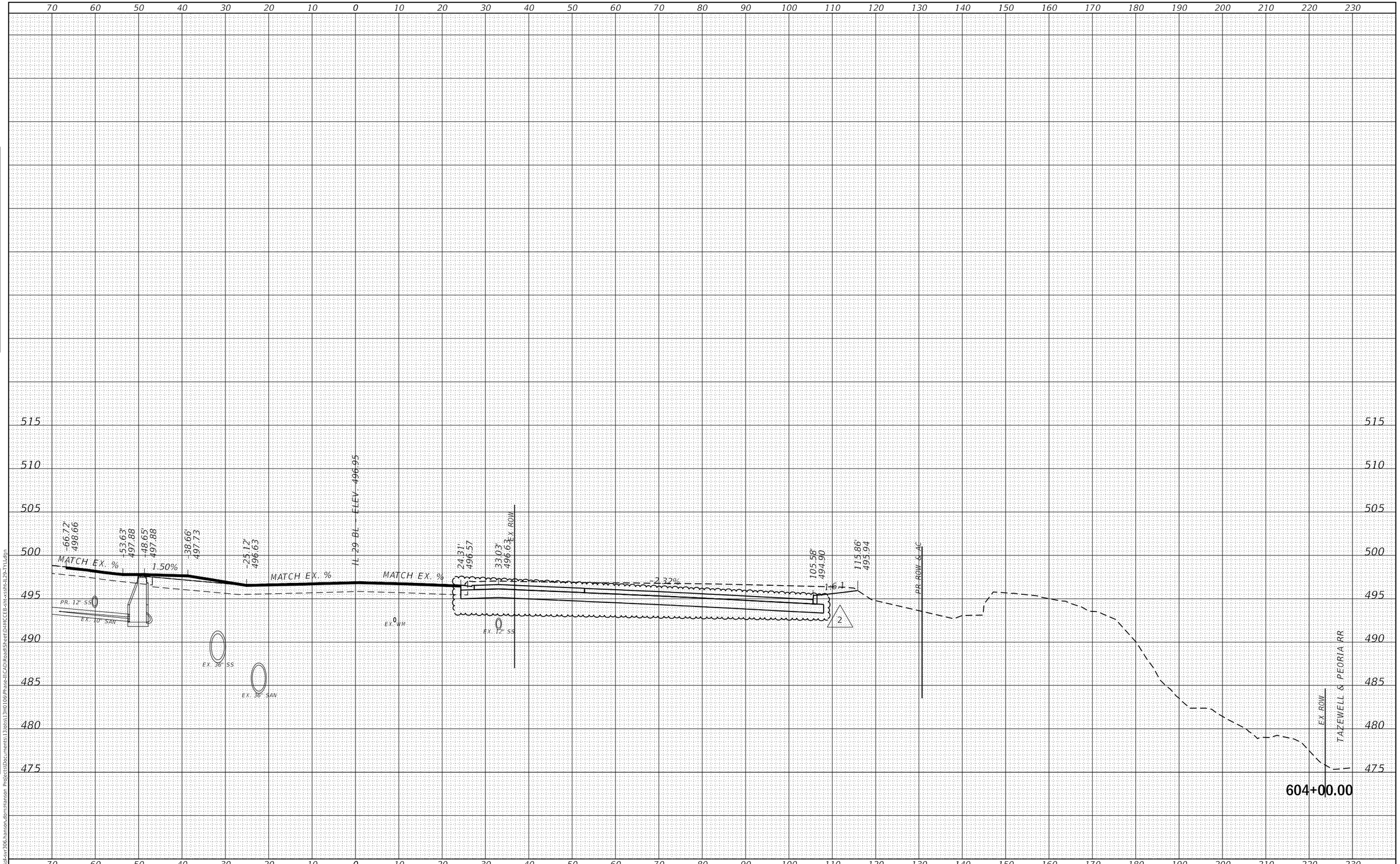
EFK • Moen, LLC Civil Engineering Design	USER NAME = MSpillers	DESIGNED - MYS	REVISED - 2 4/16/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT MISCELLANEOUS DETAIL - WEST PARK DRAINAGE DETAILS
		DRAWN - MSK	REVISED -		SCALE: NONE | SHEET 11 OF 14 SHEETS | STA. N/A | TO STA. N/A
	PLOT SCALE = 20.00 ' / in.	CHECKED - SLD	REVISED -		
	PLOT DATE = 4/3/2019	DATE - 11/28/2018	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	690
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

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



FINAL SUBMITTAL

MODEL: Default
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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED -	4/16/2019 ½
	DRAWN - MPG	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
CROSS-SECTIONS: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 604+00.00 | TO STA. 604+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	739
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

515 515

510 505 500 495 490 485 480 475

EX ROW

-23.90'
496.54

MATCH EX. %

IL 29 BL - ELEV. 496.81

MATCH EX. %

26.03'
496.50

-1.50%

35.62'
496.17

EX ROW

-2.94%

99.35'
494.52

113.33'
494.22

127.34'
493.92

PR ROW & AC

EX. ELEC

EX. WM

EX. TEL SS

EX. 36" SS

EX. 36" SAN

2

EX ROW

TAZEWELL & PEORIA RR

604+50.00

FINAL SUBMITTAL

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SUITE 1400
CHICAGO, IL 60606
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USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - MPG	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

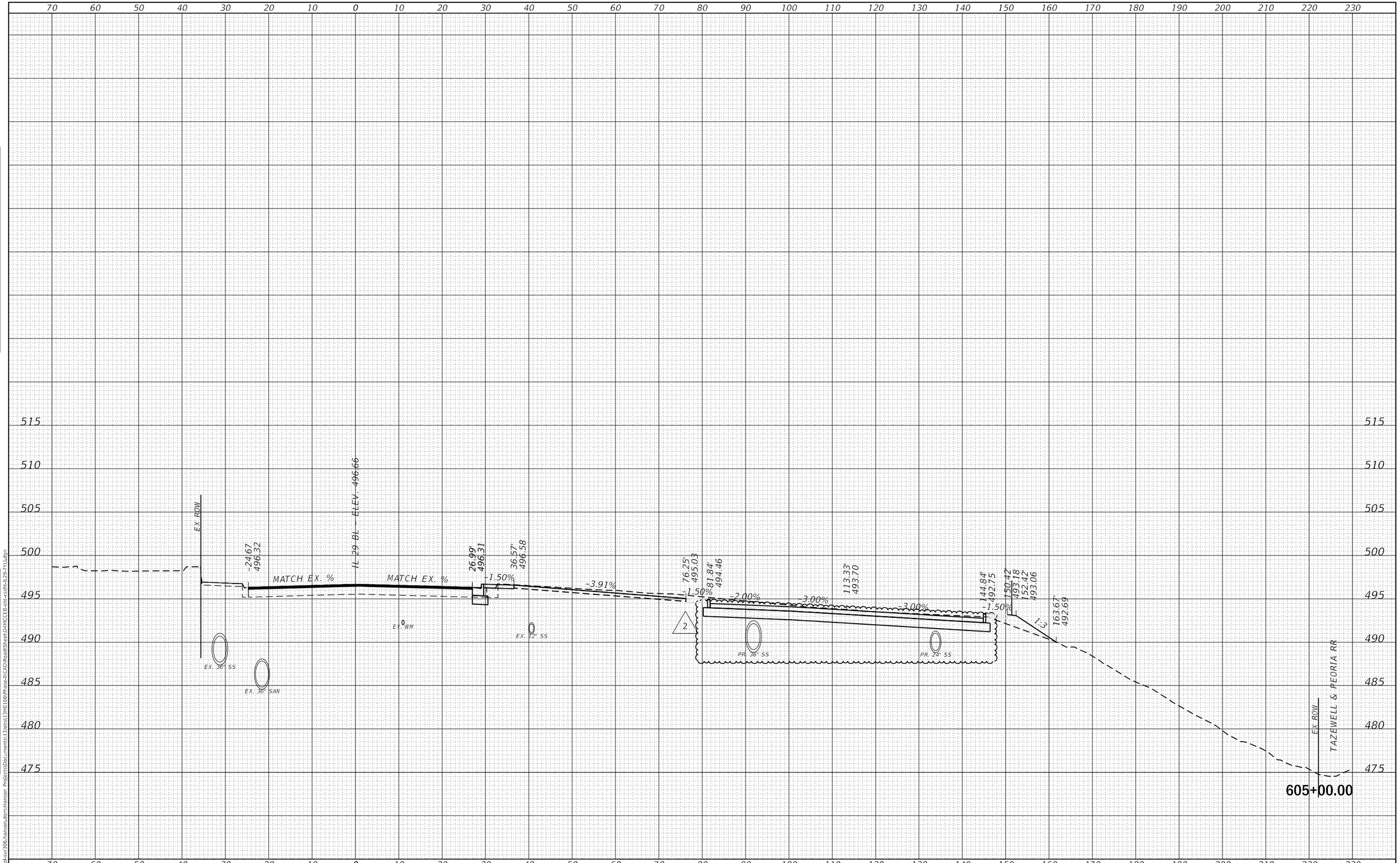
US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
CROSS-SECTIONS: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 604+50.00 | TO STA. 604+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	740
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		



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SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019 2	
	DRAWN - MPG	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
CROSS-SECTIONS: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 605+00.00 | TO STA. 605+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	741
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

515 515

510 505 500 495 490 485 480 475

35.10' EX ROW
496.65
7.98%
25.39'
496.04
MATCH EX. %
2.45'
496.36
IL 29 BL - ELEV. 496.89
4.94'
496.36
MATCH EX. %
27.95'
496.02
EX. WM
EX. 36" SS
EX. 36" SAN
EX. 12" SS
163.02'
494.43
MULTI-USE PATH
T.42%
76.25'
494.15
1.58%
81.84'
494.03
2.00%
3.00%
3.00%
113.33'
493.46
PR. 36" SS
PR. 27" SS
144.84'
492.51
1.50%
150.42'
492.94
152.42'
492.82
158.81'
490.71
EX. ROW
TAZEWELL & PEORIA RR
605+50.00

FINAL SUBMITTAL
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TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019	
	DRAWN - MPG	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
CROSS-SECTIONS: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 605+50.00 | TO STA. 605+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	742
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

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

BY	DATE

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

515 515

510 505 500 495 490 485 480 475

EX. ROW
35.15'
496.80
26.21'
495.74
MATCH EX. %
IL 29 BL - ELEV. 496.12
MATCH EX. %
28.91'
495.71
2.00%
36.06'
495.57
48.10'
493.45
64.25'
494.13
MULTI-USE PATH
T 50%
76.83'
494.31
2.37%
149.83'
492.58
152.42'
492.46
155.24'
491.52
EX. WM
PR. 12" SS
PR. 36" SS
PR. 36" SS
PR. 27" SS
EX. 36" SS
EX. 36" SAN
2
EX. ROW
TAZEWELL & PEORIA RR
606+00.00

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230

FINAL SUBMITTAL
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200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

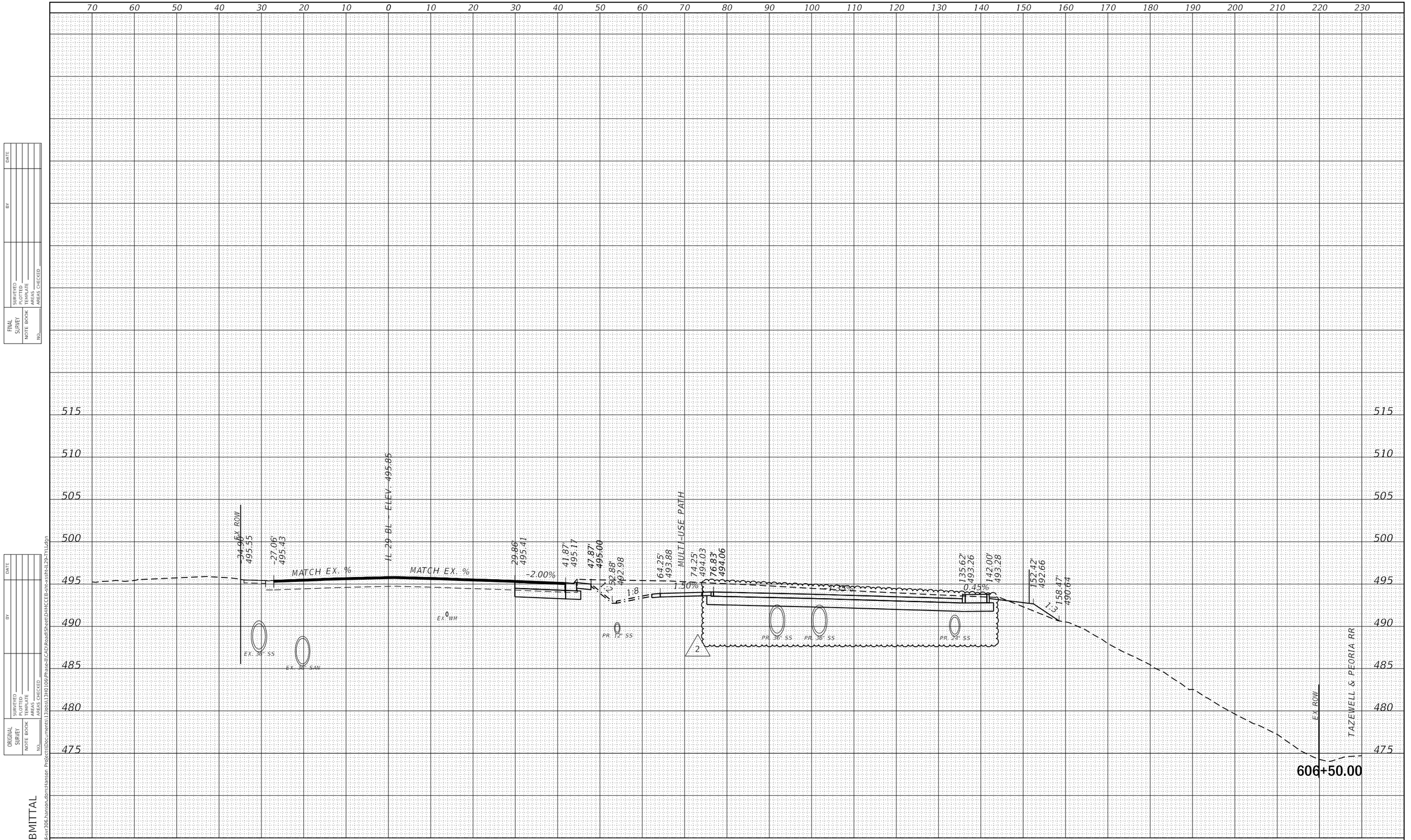
USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019
	DRAWN - MPG	REVISED -
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
CROSS-SECTIONS: IL RTE 29

SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 606+00.00 | TO STA. 606+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	743
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)



FINAL SUBMITTAL

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

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

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SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

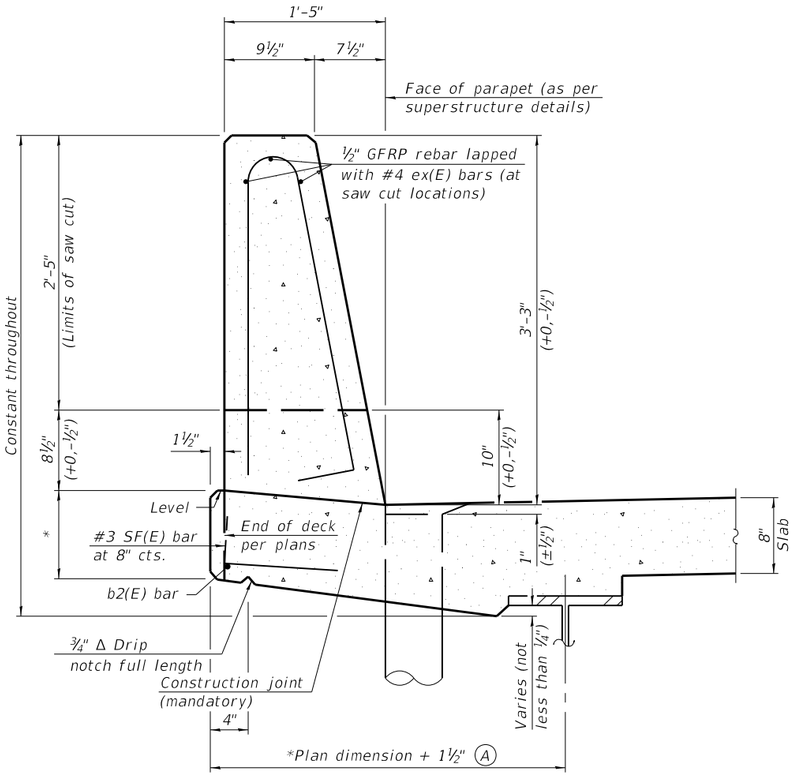
USER NAME = mgormely	DESIGNED - MPG	REVISED - 4/16/2019	
	DRAWN - MPG	REVISED -	
PLOT SCALE = 20.00 ' / in.	CHECKED - DAJ	REVISED -	
PLOT DATE = 4/5/2019	DATE - 11/28/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
CROSS-SECTIONS: IL RTE 29

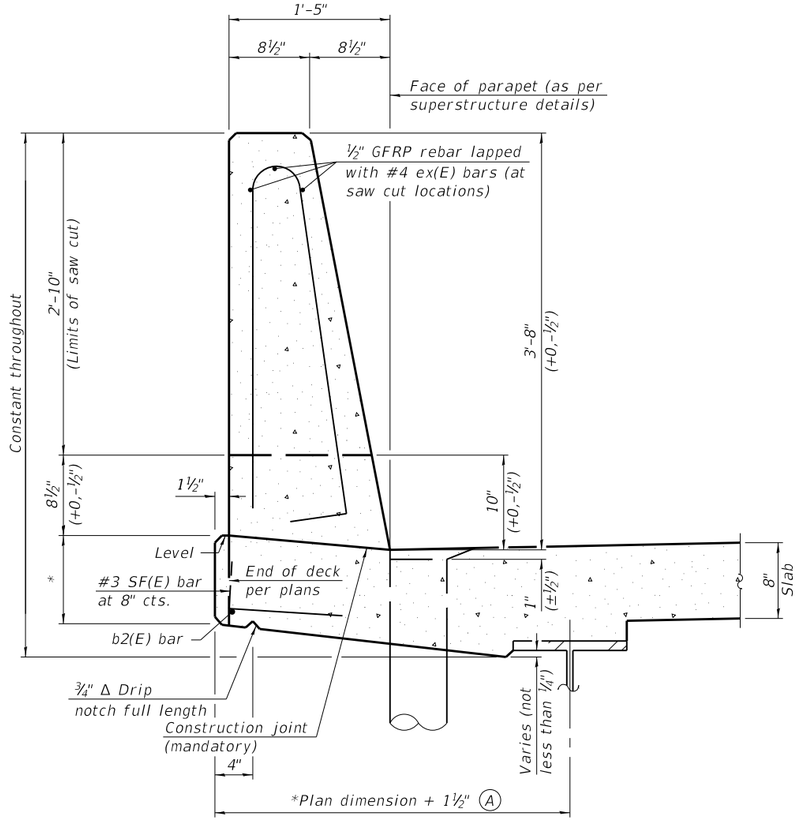
SCALE: 1"=10'H,5'V | SHEET OF 13 SHEETS | STA. 606+50.00 | TO STA. 606+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	744
		CONTRACT NO. 68B46		
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)



39" CONSTANT-SLOPE PARAPET SECTION

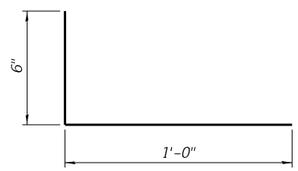
(Showing dimensions, d(E), and ½" Ø GFRP rebar)



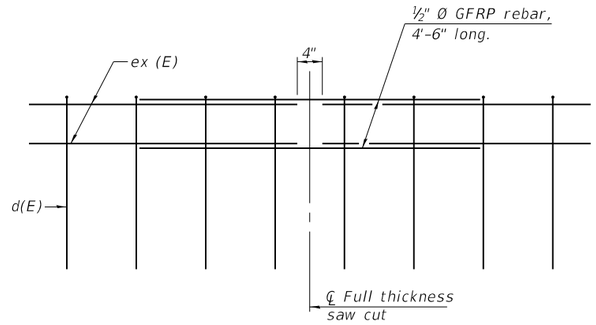
44" CONSTANT-SLOPE PARAPET SECTION

(Showing dimensions, d(E), and ½" Ø GFRP rebar)

*See Superstructure Details.



#3 (E) BAR



GFRP REBAR STIFFENING DETAIL

(Place as shown in parapet section at each parapet joint location.)

GENERAL NOTES

All dimensions shall remain the same as shown on superstructure details, except dimension A which is to be revised as shown. Additional concrete needed to revise dimension A = 0.00348 cu. yds./ft. for 39" and 44" parapets.

Place full depth aluminum sheets as shown on superstructure details.

Replace all cork joint filler locations with a full thickness saw cut.

Steel superstructure shown. Other superstructure types similar.

2

SFP 39-44 1-14-2019

2 Entire Sheet Revised

USER NAME = cdl	DESIGNED - JSR	REVISED - 2 4/16/2019 CDL	
	CHECKED - ACB	REVISED -	
PLOT SCALE = 0.1667 ' / In.	DRAWN - KAB	REVISED -	
PLOT DATE = 4/2/2019	CHECKED - ACB	REVISED -	

EFK•Moen Civil Engineering Design

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE PARAPET SLIPFORMING OPTION
STRUCTURE NO. 072-0250

SHEET 32 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;[(102-1),(14HB)]BR)BR	PEORIA	1361	902
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT			

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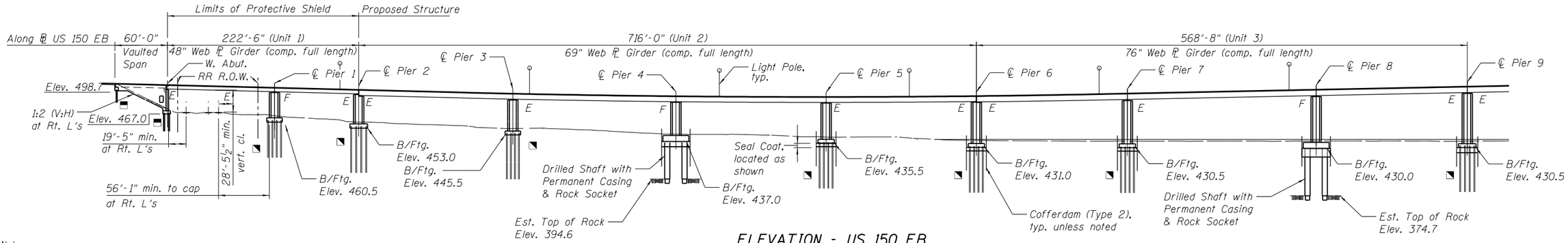
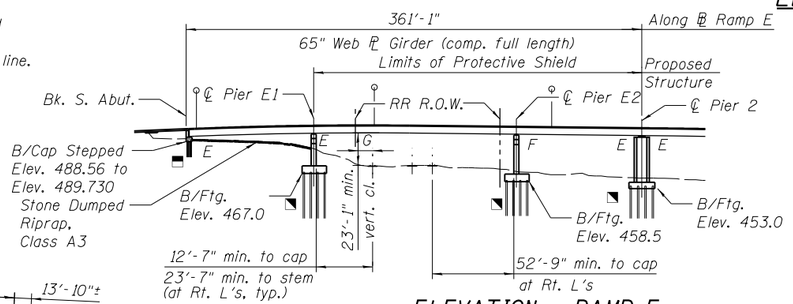


ELEVATION - US 150 EB

Note:
No freefall deck drains will be permitted in the span over the tracks or within 10 ft. of cross arms of a railroad pole line.

Foundation Support Legend

- Denotes Steel HP Piles
- Denotes Metal Shell Piles



ELEVATION - RAMP E

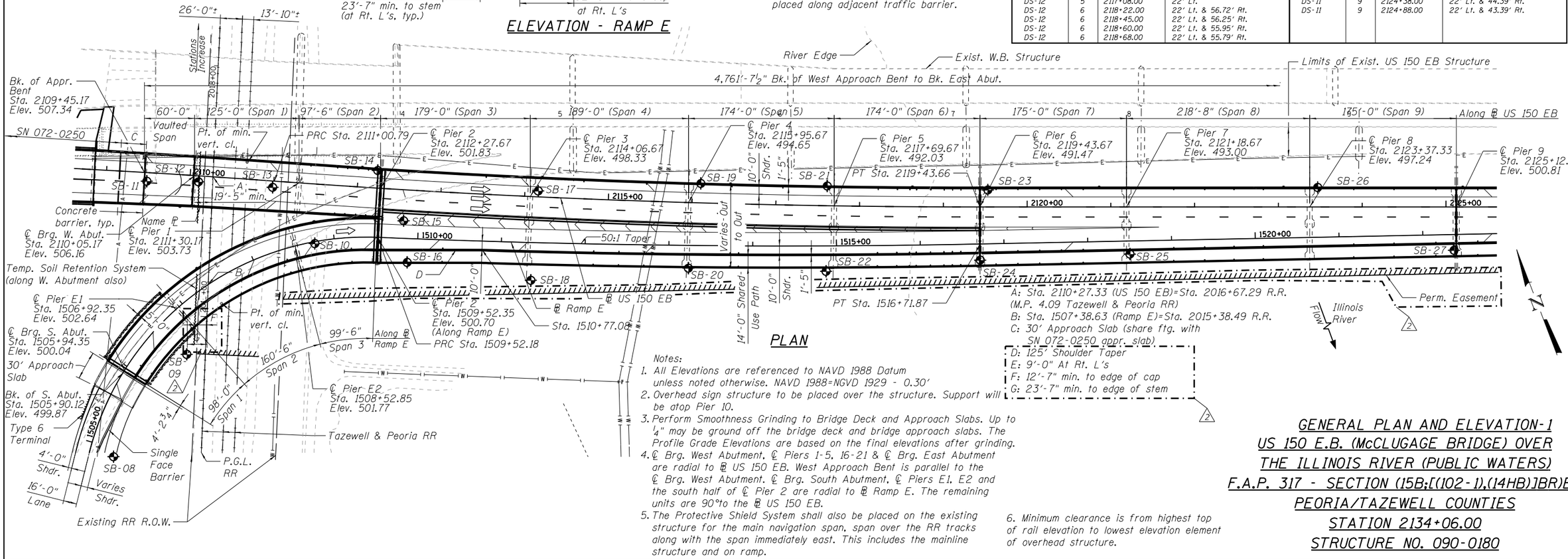
DRAINAGE LOCATIONS-RAMP E

Drainage Type	Span	Station	Offset
DS-12	1	1506+10.00	14.50' Rt.
DS-12	2	1508+39.00	14.50' Rt.
DS-12	3	1509+02.00	14.50' Rt.
DS-12	3	1509+20.00	14.50' Rt.

Provide DS-11 scuppers along shared-use path matching locations of scuppers placed along adjacent traffic barrier.

DRAINAGE LOCATIONS-US 150 EB

Drainage Type	Span	Station	Offset	Drainage Type	Span	Station	Offset
DS-11	2	2111+43.00	22.24' Lt. & 34.45' Rt.	DS-12	6	2118+85.00	22' Lt. & 55.45' Rt.
DS-11	2	2111+75.00	22.22' Lt. & 34.17' Rt.	DS-12	6	2119+01.00	22' Lt. & 55.13' Rt.
DS-11	2	2111+87.00	22.19' Lt. & 34.09' Rt.	DS-12	6	2119+11.00	22' Lt. & 54.93' Rt.
DS-11	2	2112+00.00	22.15' Lt. & 34.01' Rt.	DS-12	6	2119+21.00	22' Lt. & 54.73' Rt.
DS-11	2	2112+12.00	22.09' Lt. & 34.00' Rt.	DS-11	7	2119+63.00	22' Lt. & 53.89' Rt.
DS-12	3	2112+60.00	22' Lt.	DS-11	7	2119+89.00	22' Lt. & 53.37' Rt.
DS-12	3	2113+06.00	68.59' Rt.	DS-11	7	2120+15.00	22' Lt. & 52.85' Rt.
DS-12	3	2113+53.00	22' Lt.	DS-11	7	2120+41.00	22' Lt. & 52.33' Rt.
DS-12	4	2114+70.00	22' Lt.	DS-11	7	2120+67.00	22' Lt. & 51.81' Rt.
DS-12	4	2114+85.00	63.47' Rt.	DS-11	8	2121+75.00	22' Lt. & 49.65' Rt.
DS-12	4	2115+15.00	62.87' Rt.	DS-11	8	2122+12.00	22' Lt. & 48.91' Rt.
DS-12	4	2115+45.00	22' Lt. & 62.27' Rt.	DS-11	8	2122+47.00	22' Lt. & 48.21' Rt.
DS-12	5	2116+47.00	22' Lt. & 60.22' Rt.	DS-11	8	2122+82.00	22' Lt. & 47.51' Rt.
DS-12	5	2116+57.00	60.02' Rt.	DS-11	9	2123+90.00	22' Lt. & 45.35' Rt.
DS-12	5	2117+08.00	22' Lt.	DS-11	9	2124+38.00	22' Lt. & 44.39' Rt.
DS-12	6	2118+22.00	22' Lt. & 56.72' Rt.	DS-11	9	2124+88.00	22' Lt. & 43.39' Rt.
DS-12	6	2118+45.00	22' Lt. & 56.25' Rt.				
DS-12	6	2118+60.00	22' Lt. & 55.95' Rt.				
DS-12	6	2118+68.00	22' Lt. & 55.79' Rt.				



PLAN

Notes:

1. All Elevations are referenced to NAVD 1988 Datum unless noted otherwise. NAVD 1988=NGVD 1929 - 0.30'
2. Overhead sign structure to be placed over the structure. Support will be atop Pier 10.
3. Perform Smoothness Grinding to Bridge Deck and Approach Slabs. Up to ¼" may be ground off the bridge deck and bridge approach slabs. The Profile Grade Elevations are based on the final elevations after grinding.
4. ℄ Brg. West Abutment, ℄ Piers 1-5, 16-21 & ℄ Brg. East Abutment are radial to ℄ US 150 EB. West Approach Bent is parallel to the ℄ Brg. West Abutment. ℄ Brg. South Abutment, ℄ Piers E1, E2 and the south half of ℄ Pier 2 are radial to ℄ Ramp E. The remaining units are 90°to the ℄ US 150 EB.
5. The Protective Shield System shall also be placed on the existing structure for the main navigation span, span over the RR tracks along with the span immediately east. This includes the mainline structure and on ramp.
6. Minimum clearance is from highest top of rail elevation to lowest elevation element of overhead structure.

GENERAL PLAN AND ELEVATION-1
US 150 E.B. (McCLUGAGE BRIDGE) OVER THE ILLINOIS RIVER (PUBLIC WATERS)
F.A.P. 317 - SECTION (15B;[(102-1),(14HB)]BR)BR
PEORIA/TAZEWELL COUNTIES
STATION 2134+06.00
STRUCTURE NO. 090-0180

TYLIN INTERNATIONAL	USER NAME = spantazis	DESIGNED - SP	REVISED - 2 4/16/2019 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SP	REVISED -			317	•	PEORIA/TAZEWELL	1361	906
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	PLOT DATE = 4/11/2019	DATE -	REVISED -		SCALE:	SHEET S-2 OF 445 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	NHPP-YRP3(905)

• (15B;[(102-1),(14HB)]BR)BR

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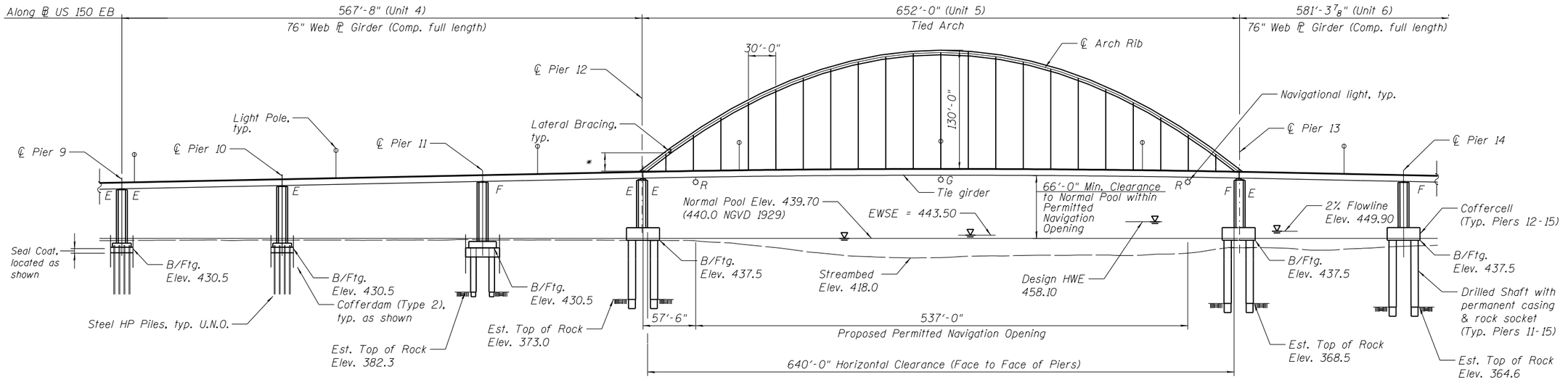


ELEVATION

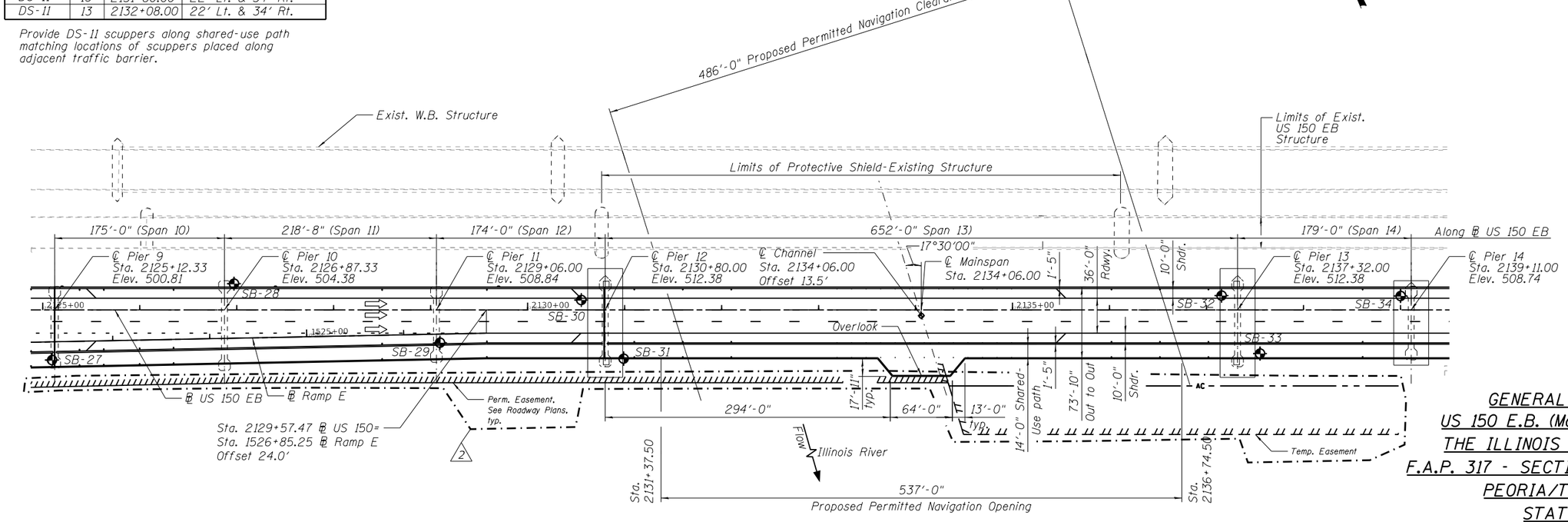
* 17′-3" min. Vertical Clearance to lateral bracing from top of deck.

DRAINAGE LOCATIONS-US 150 EB

Drainage Type	Span	Station	Offset
DS-12	10	2125+38.00	22′ Lt. & 42.39′ Rt.
DS-12	10	2125+63.00	22′ Lt. & 41.89′ Rt.
DS-12	10	2126+00.00	41.15′ Rt.
DS-12	10	2126+35.00	22′ Lt. & 40.45′ Rt.
DS-12	11	2127+43.00	22′ Lt.
DS-12	11	2128+50.00	22′ Lt. & 36.15′ Rt.
DS-12	12	2129+58.00	22′ Lt. & 34.00′ Rt.
DS-11	13	2131+12.00	22′ Lt. & 34′ Rt.
DS-11	13	2131+60.00	22′ Lt. & 34′ Rt.
DS-11	13	2132+08.00	22′ Lt. & 34′ Rt.

Provide DS-11 scuppers along shared-use path matching locations of scuppers placed along adjacent traffic barrier.

Drainage Type	Span	Station	Offset
Floordrains at 15′ cts.	13	2133+08.50 to 2135+03.50	22′ Lt., 34′ Rt., and 49.4′ Rt.
DS-11	13	2136+04.00	22′ Lt. & 34′ Rt.
DS-11	13	2136+52.00	22′ Lt. & 34′ Rt.
DS-11	13	2137+00.00	22′ Lt. & 34′ Rt.
DS-11	14	2138+61.00	22′ Lt. & 34′ Rt.



PLAN

GENERAL PLAN AND ELEVATION-2
US 150 E.B. (McCLUGAGE BRIDGE) OVER THE ILLINOIS RIVER (PUBLIC WATERS)
F.A.P. 317 - SECTION (15B;[(102-1),(14HB)]BR)BR
PEORIA/TAZEWELL COUNTIES
STATION 2134+06.00
STRUCTURE NO. 090-0180

TY·LIN INTERNATIONAL	USER NAME = spantazis	DESIGNED - SP	REVISED - 2 4/16/2019 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
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• (15B;[(102-1),(14HB)]BR)BR

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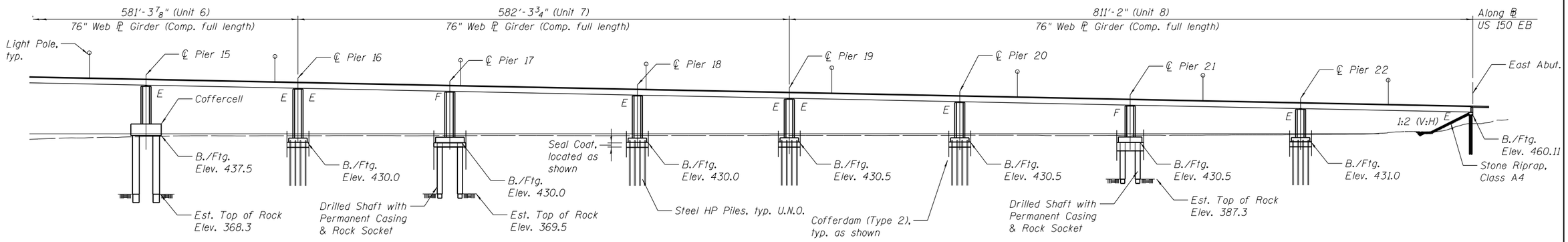


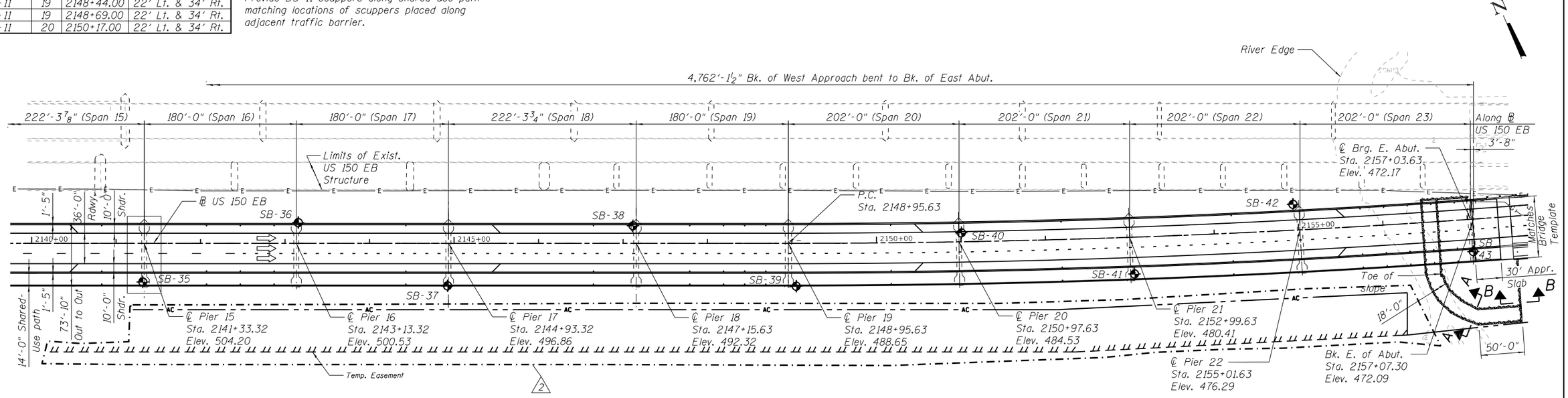
ELEVATION

DRAINAGE LOCATIONS-US 150 EB

Drainage Type	Span	Station	Offset
DS-11	15	2140+83.00	22' Lt. & 34' Rt.
DS-11	16	2142+07.00	22' Lt. & 34' Rt.
DS-11	16	2142+47.00	22' Lt. & 34' Rt.
DS-11	16	2142+87.00	22' Lt. & 34' Rt.
DS-11	17	2144+43.00	22' Lt. & 34' Rt.
DS-11	18	2146+65.00	22' Lt. & 34' Rt.
DS-11	19	2147+79.00	22' Lt. & 34' Rt.
DS-11	19	2148+19.00	22' Lt. & 34' Rt.
DS-11	19	2148+44.00	22' Lt. & 34' Rt.
DS-11	19	2148+69.00	22' Lt. & 34' Rt.
DS-11	20	2150+17.00	22' Lt. & 34' Rt.

Drainage Type	Span	Station	Offset
DS-11	21	2152+19.00	22' Lt. & 34' Rt.
DS-11	22	2154+21.00	22' Lt. & 34' Rt.
DS-11	23	2155+74.00	22' Lt. & 34' Rt.
DS-11	23	2156+02.00	22' Lt. & 34' Rt.
DS-11	23	2156+30.00	22' Lt. & 34' Rt.
DS-11	23	2156+58.00	22' Lt. & 34' Rt.
DS-11	23	2156+86.00	22' Lt. & 34' Rt.

Provide DS-11 scuppers along shared-use path matching locations of scuppers placed along adjacent traffic barrier.



PLAN

Note:
Piers 20-22 and the East Abutment are radial to ℄ US 150 EB.
See Sheet S-8 of 445 for Section A-A and B-B.

GENERAL PLAN AND ELEVATION-3
US 150 E.B. (McCLUGAGE BRIDGE) OVER THE ILLINOIS RIVER (PUBLIC WATERS)
F.A.P. 317 - SECTION (15B;[(102-1),(14HB)]BR)BR
PEORIA/TAZEWELL COUNTIES
STATION 2134+06.00
STRUCTURE NO. 090-0180

T-Y-LIN INTERNATIONAL	USER NAME = spantazis	DESIGNED - SP	REVISED - 2 4/16/2019 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
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• (15B;[(102-1),(14HB)]BR)BR

FILE NAME = 0900180-XXXXX-TYLI-0122-General Plan-3.dgn
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TYLIN INTERNATIONAL
200 S. WACKER DR.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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STRUCTURE NO. 090-0180
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR,BR	PEO/TAZ	1361	909
		CONTRACT NO. 68B46		
		ILLINOIS FED. AID PROJECT NHPP-YRP3(905)		

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GENERAL NOTES

1. Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts in painted areas and ASTM A325 Type 3 in unpainted areas. Bolts 7/8" Ø, holes 15/16", unless otherwise noted. All bolt connections in Unit 5 shall have Class B faying surfaces and threads excluded from the shear plane, unless otherwise noted.

2. Calculated weight of Grade 50W Structural Steel:
   West of Arch Span = 9,172,800 lbs.
   Arch Span = 5,740,000 lbs.
   East of Arch Span = 6,541,100 lbs.
   Grade 50W Total = 21,453,900 lbs.
   HSS Structural Tubing (Arch Span) = 324,000 lbs.
   Calculated Weight of Structural Steel = 21,777,900 lbs.

3. All structural steel shall be AASHTO M 270 Grade 50W unless otherwise noted. All HSS structural tubing shall be ASTM A1085, with supplemental heat treatment S1, unless otherwise noted. For unit 5, all structural steel and tubing shall satisfy the charpy-v-notch impact energy requirements for temperature zone 2.

4. Materials, fabrication, welding, and non-destructive testing for the members indentified as Fracture Critical Members (FCM) in the contract plans shall conform to the requirements of Section 12 of the AWS D1.5 Bridge Welding Code.

5. No field welding is permitted except as specified in the contract documents.

6. Reinforcement bars designated (E) shall be epoxy coated.

7. For Ramp E, Units 1-4 and 6-8, if the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

8. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

9. Concrete Sealer shall be applied to the designated areas of each abutment and Piers 2, 6, 9, 12, 13, 16 and 19.

10. The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surface and the bottom flange of the fascia beams, masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color scheme shall be as follows:

    All Units except Unit 5:

    Exterior and bottom flanges of exterior (fascia) girders shall be painted Blue, Munsell No. 10B 3/6. All interior surfaces shall not be painted, except all structural steel and exposed surfaces of bearings within a distance of 10 ft. from the deck joints and top flanges in contact with the finger plates shall be painted Brown (Fed Color Std. 595a 20045) as specified in Section 506 of the Standard Specifications.

    Unit 5 (Arch Span):

    All surfaces of the Tie Girders and End Floor Beams; all exterior surfaces of the Arch Ribs and Knuckle; and all exposed surfaces of the last 6 ft. of each Floor Beam end, including connection plates and Lower Lateral Bracing within the 6 ft. zone, at the tie girder connection shall be Blue, Munsell No. 10B 3/6. Interior structural steel such as stringers, remaining floorbeam surface and lower lateral bracing shall not be painted, except for all interior structural steel and exposed surfaces of bearings within a distance of 10 ft. from the deck joints shall be painted Brown (Fed Color Std. 595a 20045) as specified in Section 506 of the Standard Specifications.

    The inside surfaces of the arch rib and knuckles shall be painted with a white prime coat. A non-skid coating shall be provided on the inside bottom flange surface of the arch ribs and knuckles for traction.

    All structural tubing shall be galvanized and painted in accordance with Special Provision, "Hot Dip Galvanizing for Structural Steel". The color shall be Blue, Munsell No. 10B 3/6. See Sht. S-245 of 445 for additional details regarding the Arch Rib Bracing structural tubing.

11. All structural steel connections that are below and within 10 feet of the expansion joints along with connections within the splash zone (within 15 feet above the top of deck) shall be caulked. Joints of all lapping members, not sealed by welding, shall be caulked after application of the intermediate epoxy coating. The exception are for connection members that are bolted together in the field. In this instance, the caulking shall be applied so as to not trap moisture, i.e. vertical and diagonal members shall be caulked along the top and sides. The bottom shall remain open for drainage. The caulk shall be appropriate for exterior conditions and compatible with the paint system. The cost shall be included with Furnishing and Erecting Structural Steel.

12. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

13. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

14. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.

15. Seal coat thickness design is based on the Cofferdam Design Water Elevation (CDWE). Cofferdam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design.

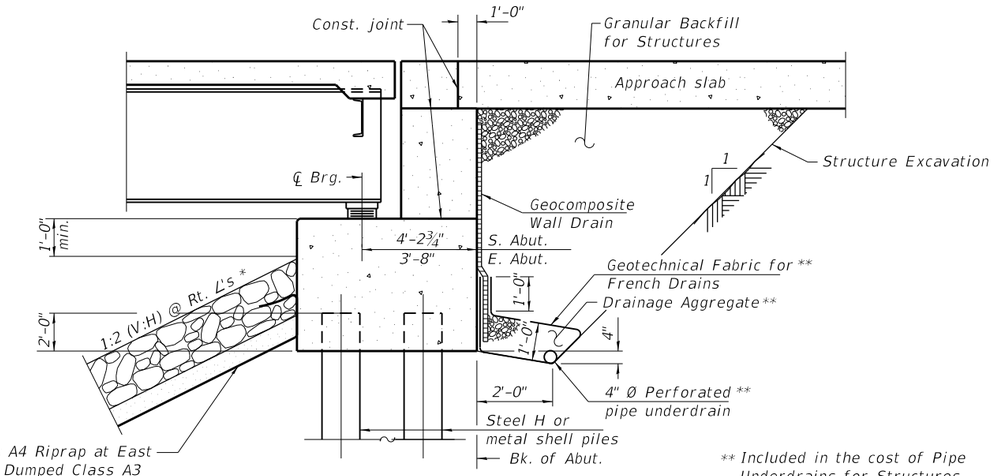
16. The erection of the structural steel shall be accomplished by a steel erection contractor or sub-contractor certified as a Certified Structural Steel Erector (CSE) with Bridge Erection Endorsement by AISC. See special provisions for "Erection of Curved Steel Structures" and "Fabrication and Erection of Complex Steel Structures".

17. Construction and demolition activities shall be coordinated and approved in writing by the United States Coast Guard (USCG) and the United States Army Corps of Engineers (USACE). No additional compensation or time will be allowed for USCG or USACE restrictions.

18. Slipforming of the parapets is allowed with the exception of the parapets on Ramp E.

19. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractorshall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

20. Diamond Grinding and Bridge Deck Grooving shall not be performed within the 14'-0" shared-use path.



** Included in the cost of Pipe Underdrains for Structures.

* At East Abutment. At South Abutment, slope follows existing contours and varies.

SECTION THRU STUB ABUTMENTS SOUTH ABUTMENT-LOOKING SOUTHEAST; EAST ABUTMENT-LOOKING NORTH

All drainage system components shall extend 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)

21. The existing structural steel contains lead. The Contractor shall take appropriate precautions to deal with the pressence of lead on this project.

22. In Unit 5, the finishing machine rails shall be placed on the top of the top flange of the exterior beams within the deck pour. Beam blocks shall be placed between beams at all tie locations in each bay for the full width of the deck pour.

23. The shared-use path portion of the bridge deck shall have a broomed finish.

24. Removal of Existing Structures No. 1 and 3 cover the removal of existing structure 090-0070. See Special Provisions for removal limits for each.

STRUCTURAL ASSESSMENT REPORT (SAR) NOTES

1. If the Contractor proposes to utilize the existing structure from which to perform any erection of steel girders, including staging and material deliveries, the Contractor shall submit Structural Assessment Report(s) for approval prior to beginning the work, see Special Provisions.

2. The Contractor shall retain services of an engineering firm, prequalified in IDOT consultant selection category of "Highway Bridges-Complex", for preparation of the Structural Assessment Report. Contractor's pre-approval shall not be applicable for this project. See Special Provision.

3. Current Ratings on file for existing structure:
   Inventory: HS-14.4
   Operating: HS-23.8
   Live Load Restrictions: No

4. Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.

4. The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available upon request as noted in the Special Provisions.

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STATE OF ILLINOIS
F.A.P. 317 SECTION
(15B;[(102-1),(14HB)]BR)BR
LOADING HL-93
STRUCTURE NO. 090-0180

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GENERAL NOTES
STRUCTURE NO. 090-0180
SHEET S-7 OF 445 SHEETS

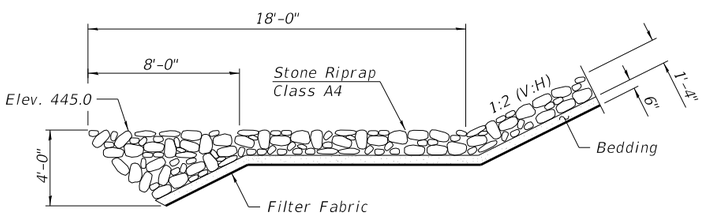
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	911
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

TOTAL BILL OF MATERIAL

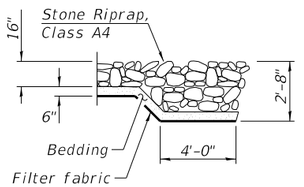
ITEM	UNIT	SUPER	SUB	TOTAL
STONE DUMPED RIPRAP, CLASS A3	SQ YD		665	665
STONE RIPRAP, CLASS A4	SQ YD		1,380	1,380
FILTER FABRIC	SQ YD		1,315	1,315
REMOVAL OF EXISTING STRUCTURES NO. 1	EACH			1
REMOVAL OF EXISTING STRUCTURES NO. 3	EACH			1
PROTECTIVE SHIELD	SQ YD	7,096		7,096
STRUCTURE EXCAVATION	CU YD		3,653	3,653
COFFERDAM EXCAVATION	CU YD		22,092	22,092
FLOOR DRAINS	EACH	42		42
CONCRETE STRUCTURES	CU YD		36,416.3	36,416.3
CONCRETE SUPERSTRUCTURE	CU YD	12,286.5		12,286.5
SEAL COAT CONCRETE	CU YD		10,953.4	10,953.4
CONCRETE ENCASEMENT	CU YD		8.2	8.2
PROTECTIVE COAT	SQ YD	50,044		50,044
CONCRETE SUPERSTRUCTURE (APPR0ACH SLAB)	CU YD	272.8		272.8
FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 42 IN.	FOOT	405		405
FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1
STUD SHEAR CONNECTORS	EACH	134,722		134,722
REINFORCEMENT BARS	POUND		1,637,650	1,637,650
REINFORCEMENT BARS, EPOXY COATED	POUND	3,902,690	6,859,050	10,761,740
BAR SPLICERS	EACH	3,004	56	3,060
MECHANICAL SPLICERS	EACH		23,654	23,654
PARAPET RAILING	FOOT	4,876.0		4,876.0
FURNISHING METAL SHELL PILES 12"X0.250"	FOOT		882	882
FURNISHING METAL SHELL PILES 14"X0.250"	FOOT		567	567
FURNISHING STEEL PILES HP 14X89	FOOT		24,996	24,996
FURNISHING STEEL PILES HP 14X117	FOOT		22,478	22,478
DRIVING PILES	FOOT		48,923	48,923
TEST PILE METAL SHELLS	EACH		3	3
TEST PILE STEEL HP 14X89	EACH		8	8
TEST PILE STEEL HP 14X117	EACH		8	8
NAME PLATES	EACH	1		1
PERMANENT CASING	FOOT		4,933	4,933
DRILLED SHAFT IN SOIL	CU YD		7,089.6	7,089.6
DRILLED SHAFT IN ROCK	CU YD		1,195.2	1,195.2
PREFORMED JOINT STRIP SEAL	FOOT	133.5		133.5
FINGER PLATE EXPANSION JOINT, 3"	FOOT	71.5		71.5
FINGER PLATE EXPANSION JOINT, 4"	FOOT	152.0		152.0
FINGER PLATE EXPANSION JOINT, 5"	FOOT	235.0		235.0
ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	81		81
ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	57		57
ANCHOR BOLTS, 3/4"	EACH		28	28
ANCHOR BOLTS, 1"	EACH		168	168
ANCHOR BOLTS, 1 1/4"	EACH		416	416
ANCHOR BOLTS, 1 1/2"	EACH		200	200
ANCHOR BOLTS, 2"	EACH		48	48
TEMPORARY SHEET PILING	SQ FT		2,573	2,573
TEMPORARY SOIL RETENTION SYSTEM	SQ FT		510	510
CONCRETE SEALER	SQ FT		74,981	74,981
GEOCOMPOSITE WALL DRAIN	SQ YD		223.6	223.6

TOTAL BILL OF MATERIAL CON'T

ITEM	UNIT	SUPER	SUB	TOTAL
COFFERDAM (TYPE 2) (LOCATION - 4)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 5)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 6)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 7)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 8)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 9)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 10)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 11)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 16)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 17)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 18)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 19)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 20)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 21)	Each		1	1
COFFERDAM (TYPE 2) (LOCATION - 22)	Each		1	1
CROSSHOLE SONIC LOGGING ACCESS DUCTS	Foot		41,396	41,396
CROSSHOLE SONIC LOGGING TESTING	Each		9	9
HANGER ASSEMBLIES FOR TIED ARCH SPAN	L SUM	1		1
COFFERCELL (LOCATION - 12)	Each		1	1
COFFERCELL (LOCATION - 13)	Each		1	1
COFFERCELL (LOCATION - 14)	Each		1	1
COFFERCELL (LOCATION - 15)	Each		1	1
BRIDGE DECK GROOVING (LONGITUDINAL)	Sq Yd	23,465		23,465
BRIDGE FENCE RAILING (SPECIAL)	Foot	4,646.0		4,646.0
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 150K	Each	14		14
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 550K	Each	7		7
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 600K	Each	12		12
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 650K	Each	52		52
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 700K	Each	18		18
HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED, 4650K	Each	2		2
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 4650K	Each	2		2
GRANULAR BACKFILL FOR STRUCTURES	Cu Yd		377	377
VERTICAL CLEARANCE GAUGE	Each		2	2
DRAINAGE SCUPPERS, DS-11	Each	145		145
DRAINAGE SCUPPERS, DS-12	Each	44		44
DIAMOND GRINDING (BRIDGE SECTION)	Sq Yd	32,762		32,762
MODULAR EXPANSION JOINT-SWIVEL 6"	Foot	167.5		167.5
PIPE UNDERDRAINS FOR STRUCTURES 4"	Foot		221	221
DRAINAGE SYSTEM (SPECIAL)	L SUM			1
BRIDGE FENCE RAILING	FOOT	506.0		506.0



SECTION A-A THRU CLASS A4 RIPRAP



SECTION B-B THRU CLASS A4 RIPRAP

2

2

TOTAL BILL OF MATERIAL AND MISCELLANEOUS DETAILS
STRUCTURE NO. 090-0180

SHEET S-8 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	912
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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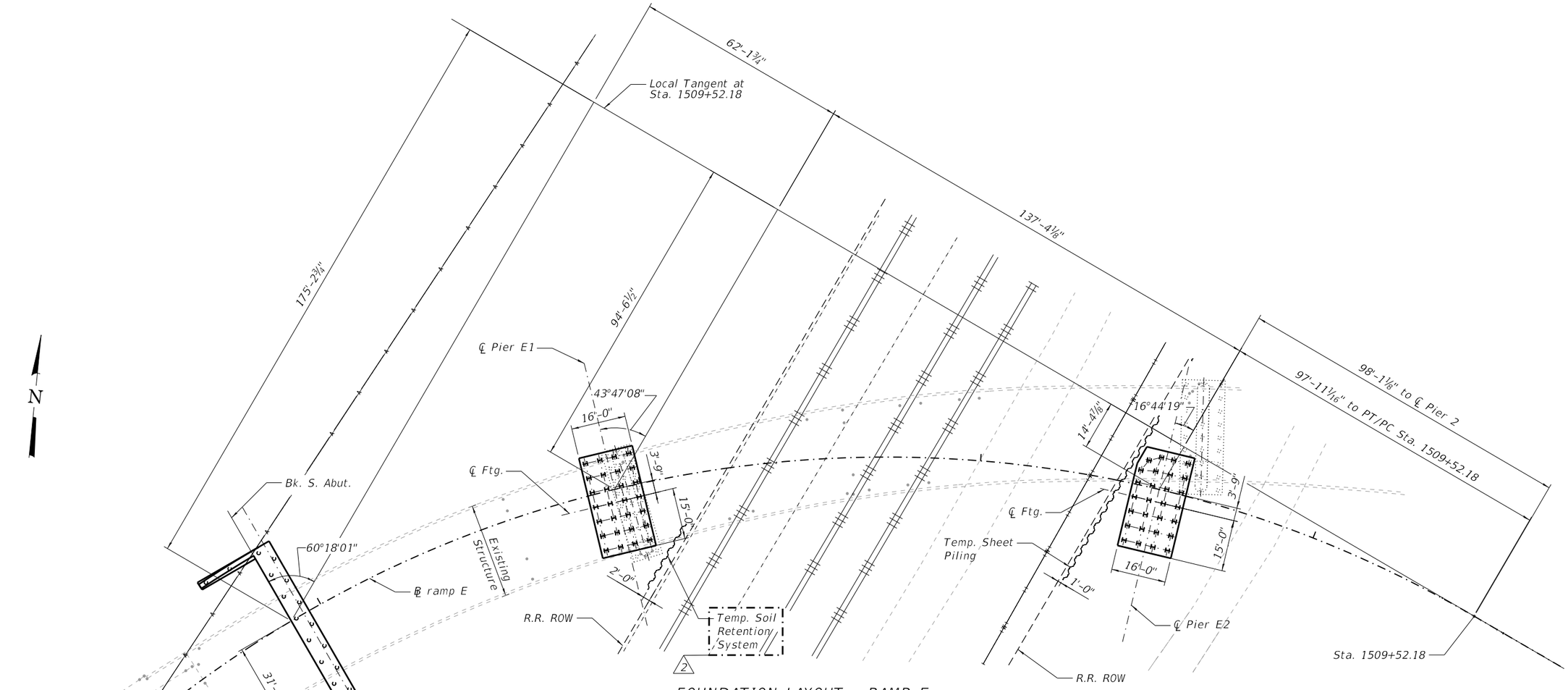

FOUNDATION LAYOUT - RAMP E

NOTES

For Temporary Soil Retention details, see Sheet S-13 of 445.

Pile Extraction will be necessary at both Ramp E piers. It is estimated 12 existing piles will require extraction at Pier E1 and 3 piles at Pier E2.

2 Any voids remaining after removing existing piles shall be filled with dry loose sand prior to driving proposed piles. Cost shall be included in Removal of Existing Structures No. 1.

The Temporary Soil Retention System design at Pier E1 and the West Abutment shall also be submitted to the Railroad for review and approval prior to the start of work. The design of the system shall be in accordance with the latest UPRR Guidelines for Temporary Shoring. The Contractor shall include track and ground monitoring plans as part of its submittal in accordance with Railroad criteria.

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FOUNDATION LAYOUT - RAMP E
STRUCTURE NO. 090-0180
SHEET S-10 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	914
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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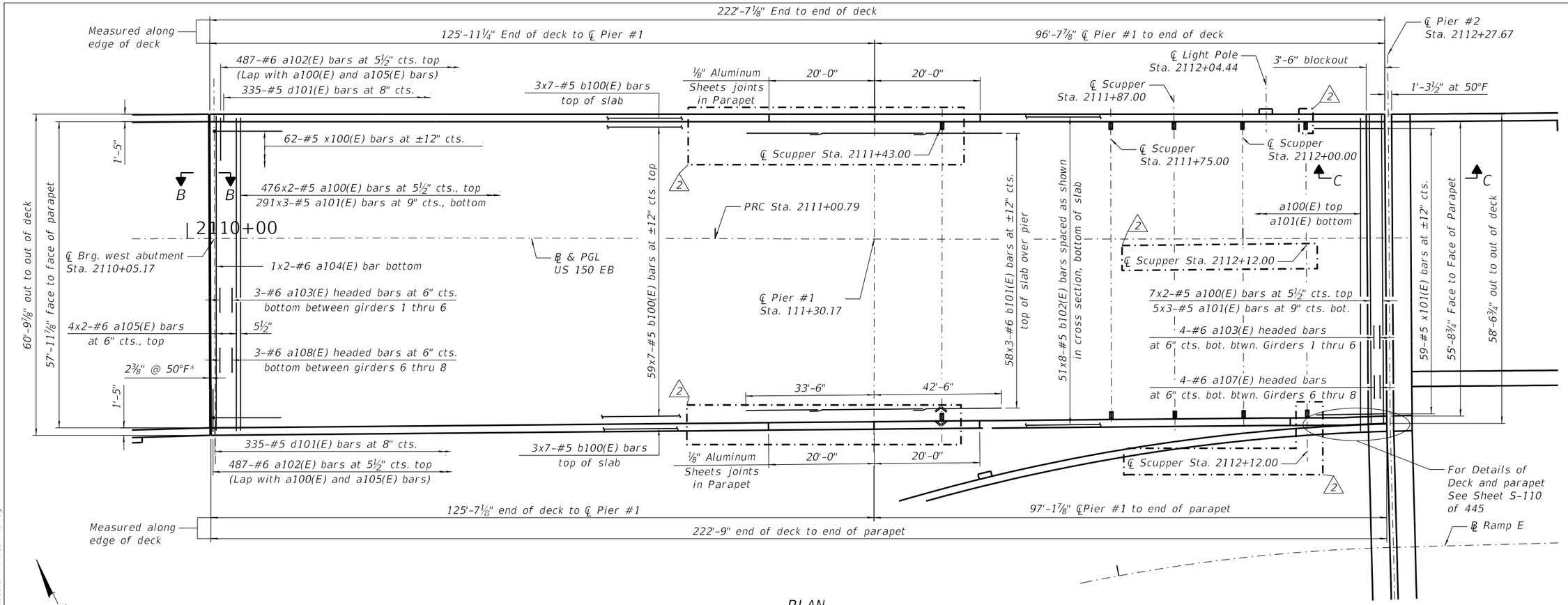
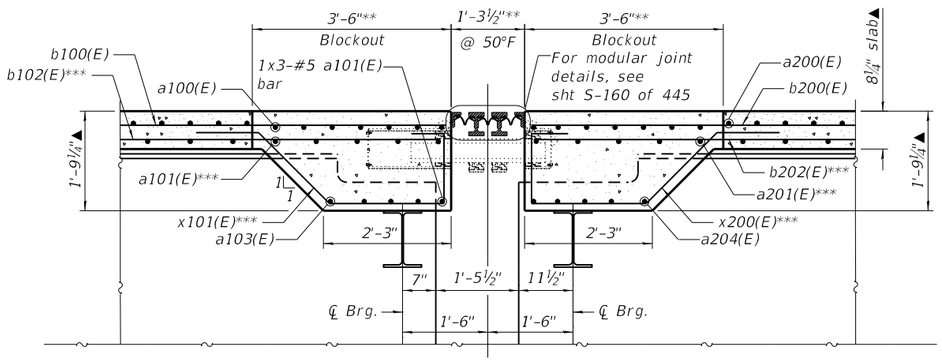


*Dimensions showing concrete opening, for joint opening see sheet S-190 of 445.

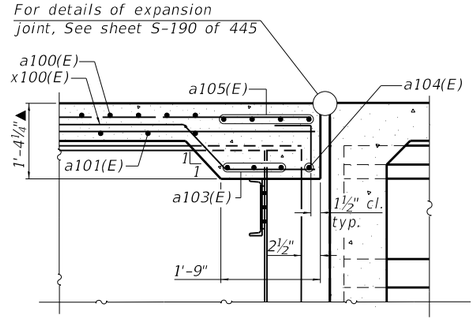
PLAN



*** Bars to be adjusted and/or cut in field to miss support boxes and beam webs

SECTION C-C

** Contractor to verify number of rails, blockout dimensions and joint opening with joint manufacturer



▲ Prior to grinding

SECTION B-B

MINIMUM BAR LAP

#5 bar = 3'-6"
#6 bar = 3'-7"

Notes:
1. See sheet s-101 of 445 for superstructure details and Bill of Material.
2. Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
3. For reinforcement around scuppers, see Sheet S-101 of 445.
4. Dimensions are based on a rolled rail strip seal joint. If the contractor elects to use the welded rail strip seal joint, deck dimensions may require adjustments to satisfy the details on sheet S-190 of 445.

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DECK PLAN - UNIT 1
STRUCTURE NO. 090-0180
SHEET S-65 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	969
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

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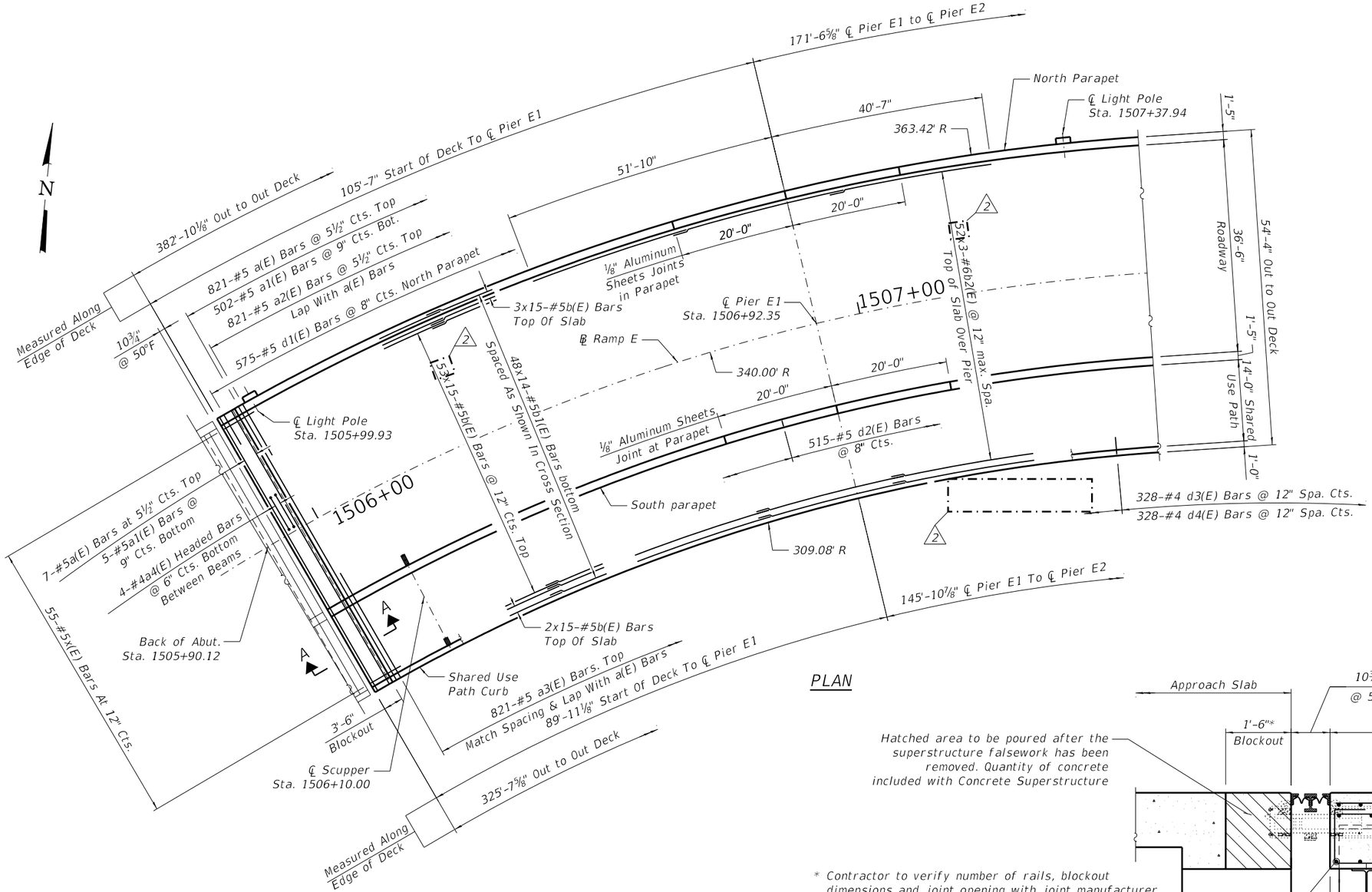


PLAN

MIN. LAP LENGTH

#5 = 3'-6"
#6 = 3'-7"

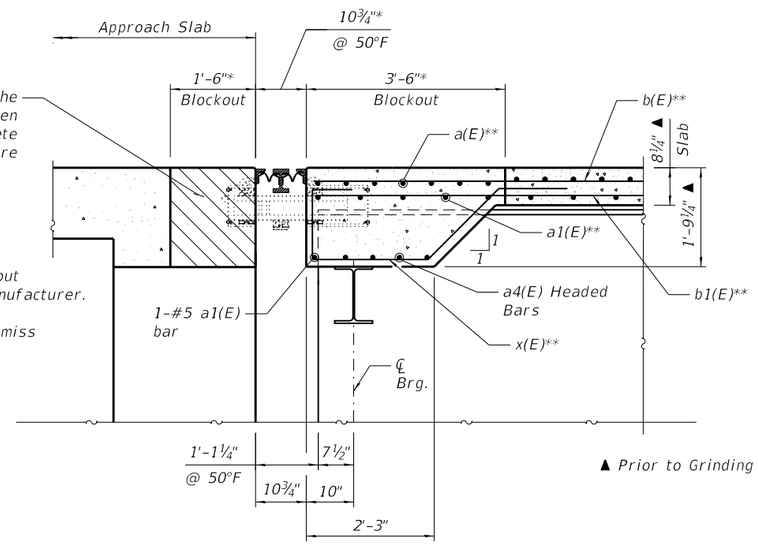
Notes:

1. Bars indicated thus 20x3-#5, etc indicates 20 lines of bars with 3 lengths per line.
2. Longitudinal bars shall be sprung into place to be concentric at the spacing noted.
3. Transverse bars shall be placed radially at the spacing noted. The spacing is measured along the left edge of deck when looking upstation.
4. See sheet S-106 of 445 for superstructure details and Bill of Materials.

Hatched area to be poured after the superstructure falsework has been removed. Quantity of concrete included with Concrete Superstructure

* Contractor to verify number of rails, blockout dimensions and joint opening with joint manufacturer.

** Bars to be adjusted and/or cut in field to miss support boxes and beam webs.



▲ Prior to Grinding

SECTION A-A

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STATE OF ILLINOIS
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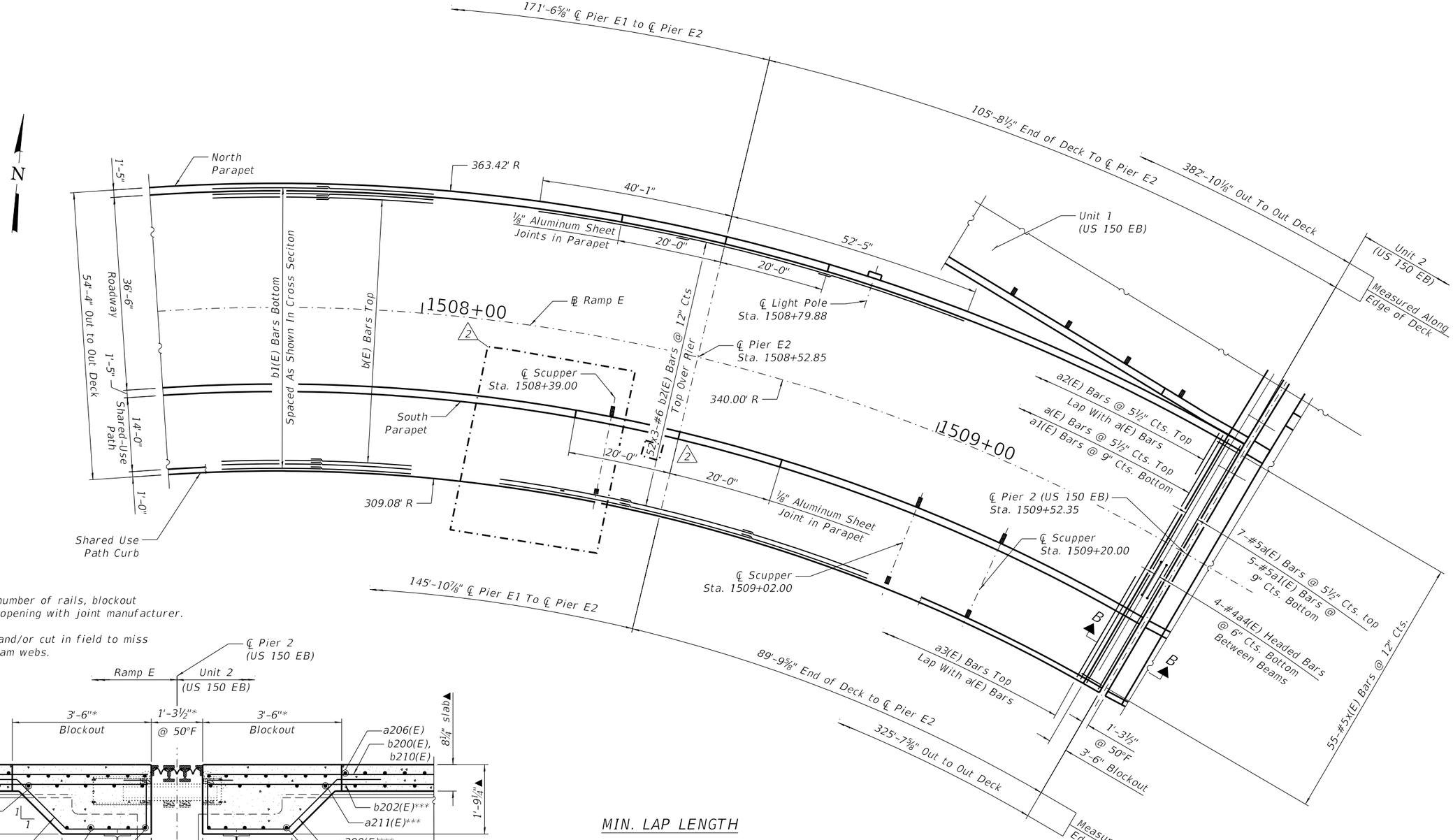
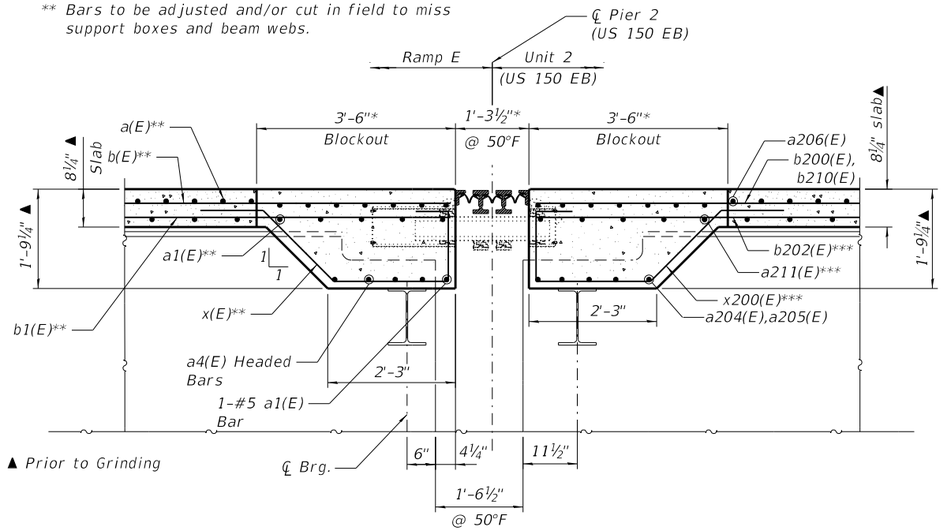
DECK PLAN - RAMP E, 1 OF 2
STRUCTURE NO. 090-0180
SHEET S-67 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	971
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			



* Contractor to verify number of rails, blockout dimensions and joint opening with joint manufacturer.

** Bars to be adjusted and/or cut in field to miss support boxes and beam webs.



SECTION B-B

MIN. LAP LENGTH

#5 = 3'-6"
#6 = 3'-7"

Note:
1. Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

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STATE OF ILLINOIS
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DECK PLAN - RAMP E, 2 OF 2
STRUCTURE NO. 090-0180
SHEET 5-68 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	972
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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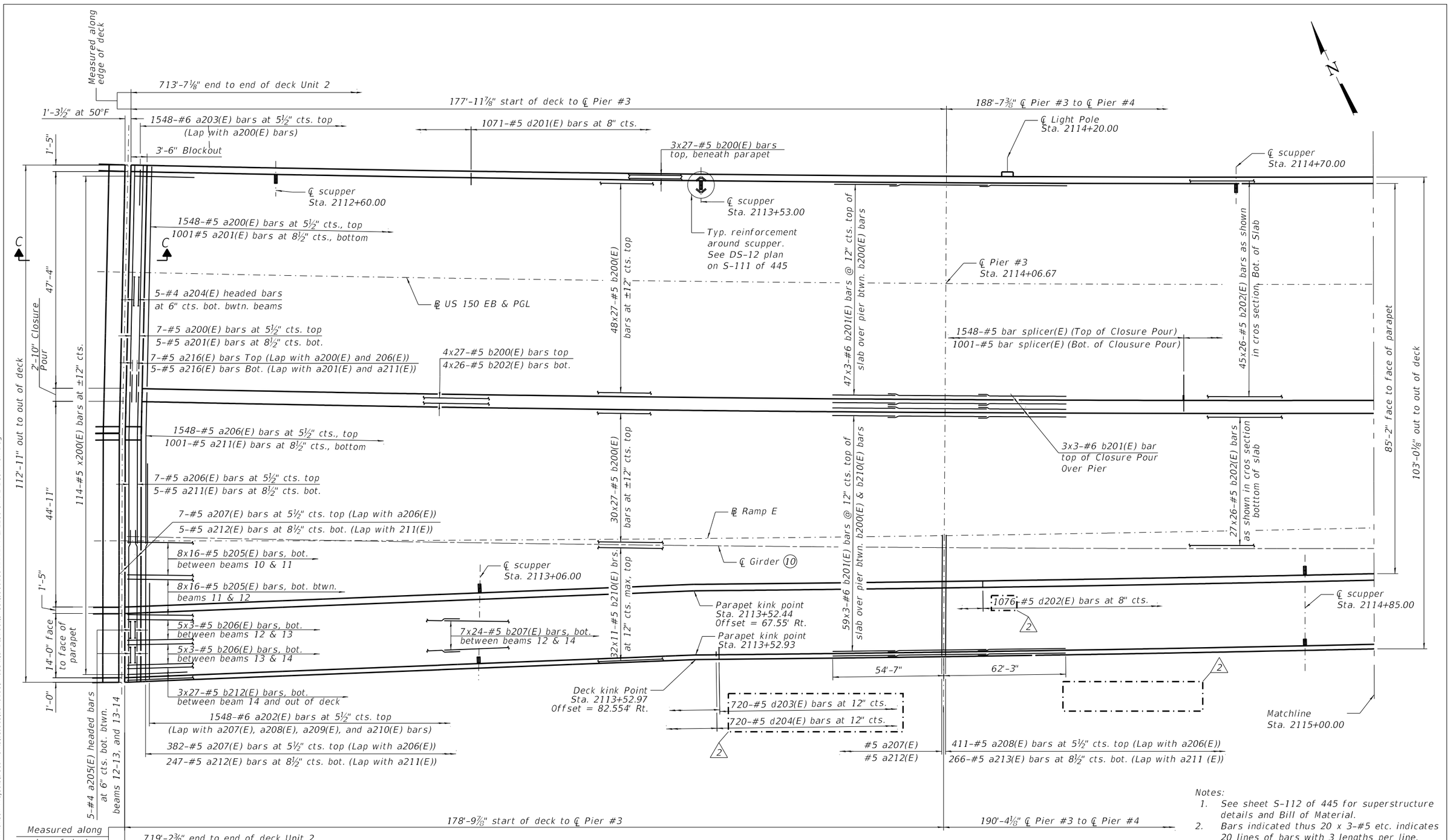

PLAN

MINIMUM BAR LAP

#5 bar = 3'-6"
#6 bar = 3'-7"

Notes:

1. See sheet S-112 of 445 for superstructure details and Bill of Material.
2. Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
3. For Section C-C, see sheet S-65 of 445.

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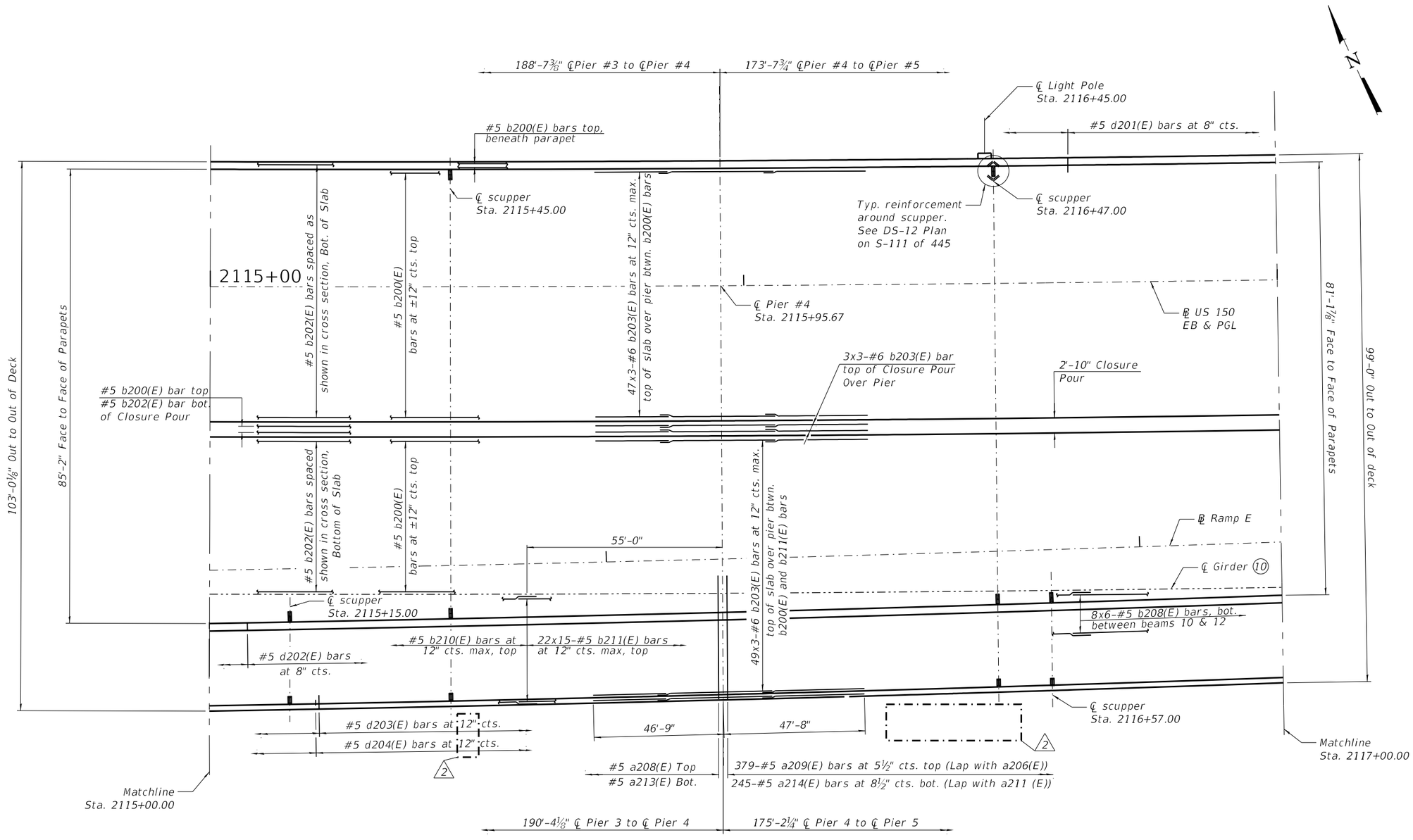
DECK PLAN - UNIT 2, 1 OF 3
STRUCTURE NO. 090-0180
SHEET S-70 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	974
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			



PLAN

MINIMUM BAR LAP

#5 bar = 3'-6"
#6 bar = 3'-7"

Notes:
1. See sheet S-112 of 445 for superstructure details and Bill of Material.
2. Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

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DECK PLAN - UNIT 2, 2 OF 3
STRUCTURE NO. 090-0180
SHEET S-71 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR	PEO/TAZ	1361	975
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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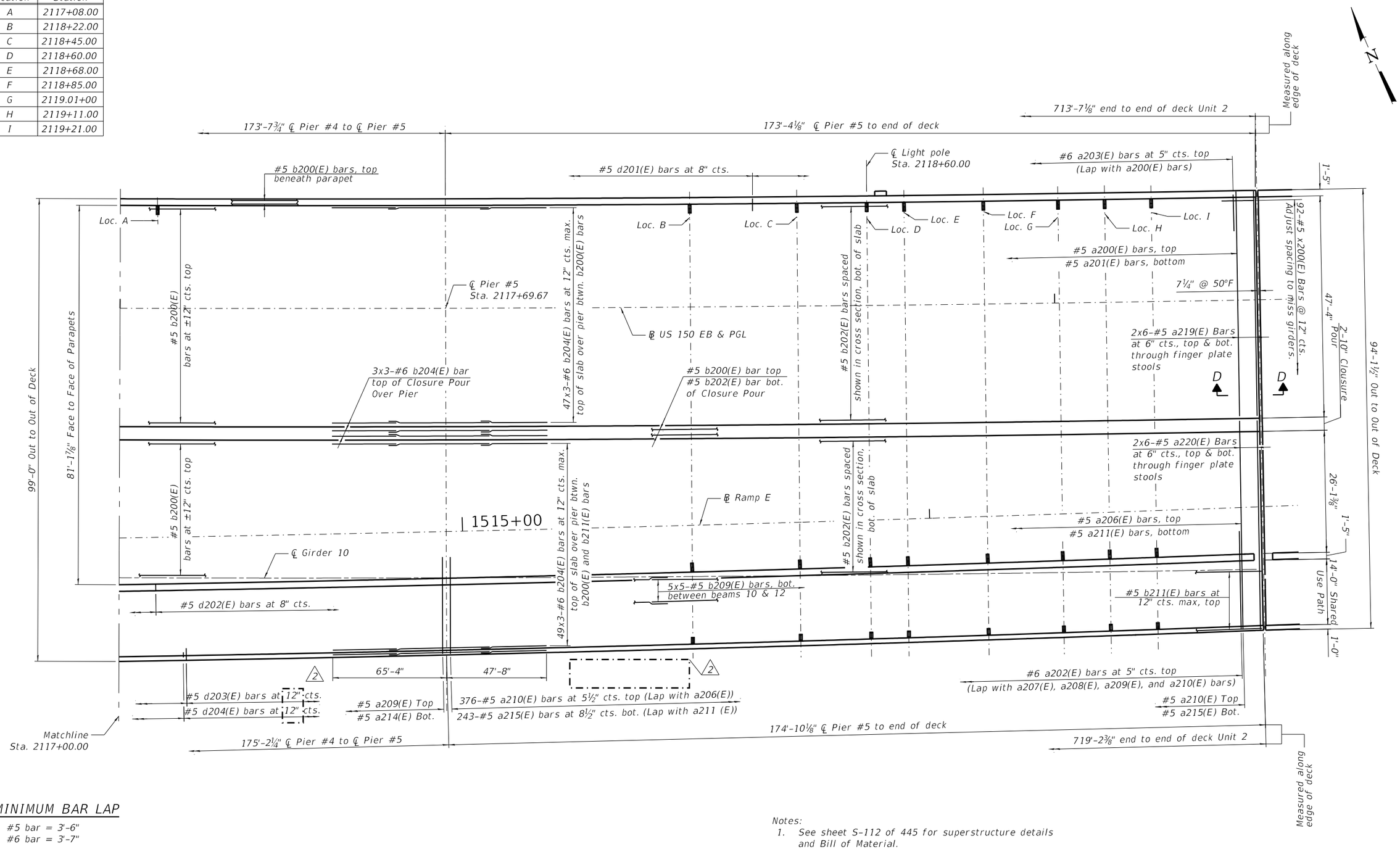
SCUPPER LOCATIONS

Location	Station
A	2117+08.00
B	2118+22.00
C	2118+45.00
D	2118+60.00
E	2118+68.00
F	2118+85.00
G	2119.01+00
H	2119+11.00
I	2119+21.00



MINIMUM BAR LAP

#5 bar = 3'-6"
#6 bar = 3'-7"

Notes:
1. See sheet S-112 of 445 for superstructure details and Bill of Material.
2. Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
3. For section D-D, see sheet S-117 of 445.

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DECK PLAN - UNIT 2, 3 OF 3
STRUCTURE NO. 090-0180
SHEET S-72 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	976
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

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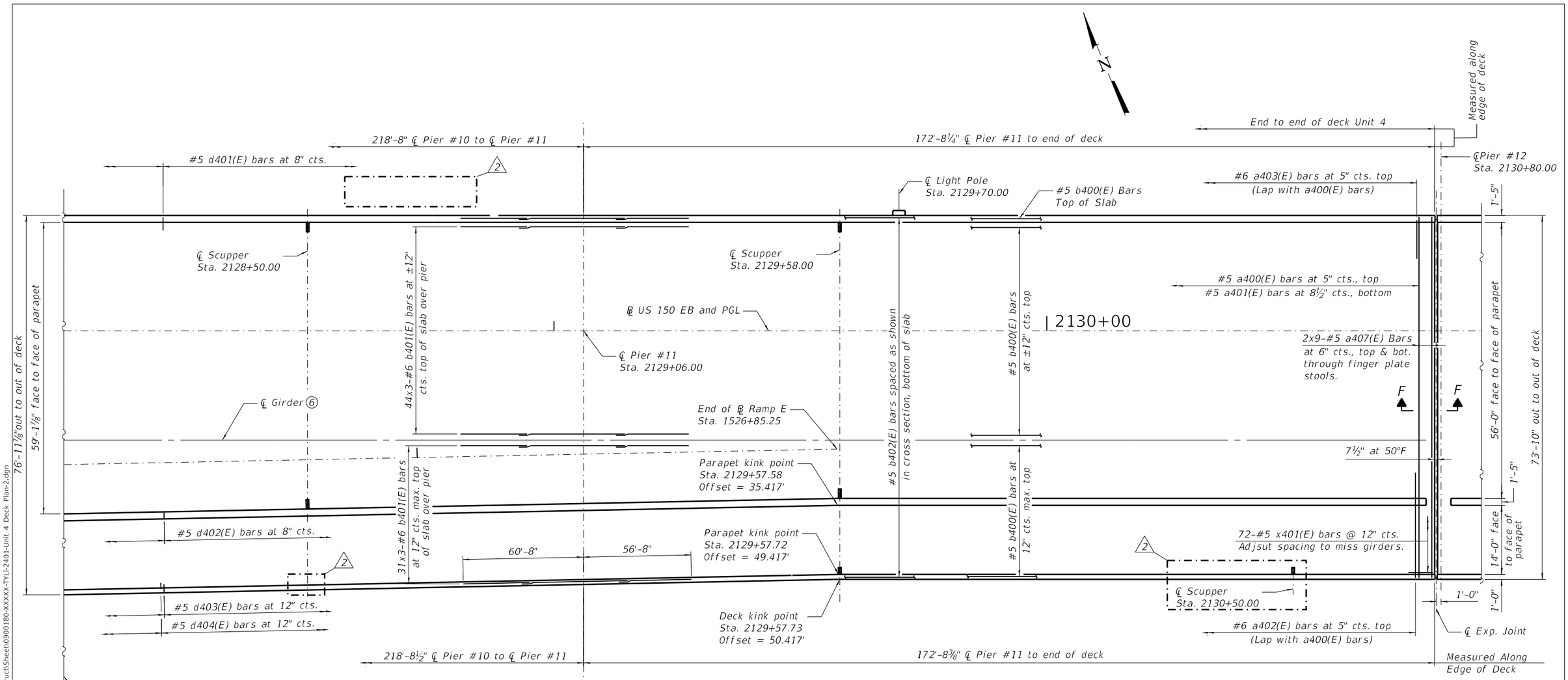

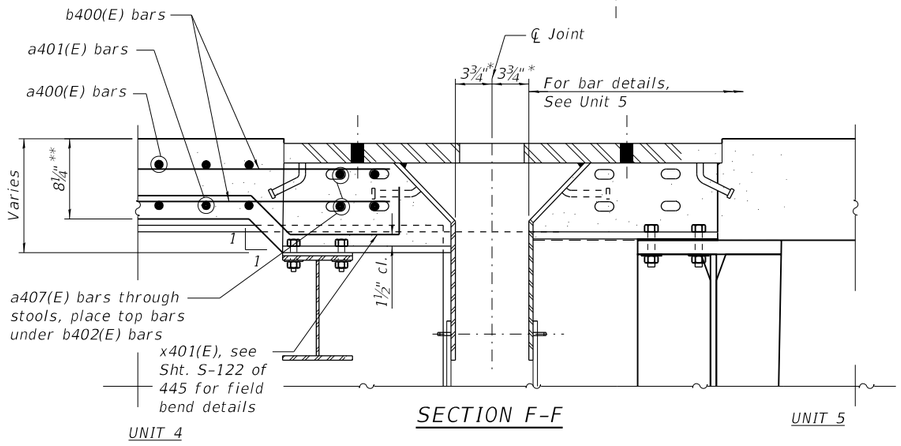

PLAN

SECTION F-F

* At 50° F
** Prior to grinding

MINIMUM BAR LAP

#5 bar = 3'-6"
#6 bar = 3'-7"

Notes:
1. See sheet S-122 of 445 for superstructure details and Bill of Material.
2. Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

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DECK PLAN - UNIT 4, 2 OF 2
STRUCTURE NO. 090-0180
SHEET S-78 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	982
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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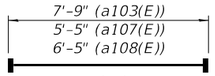
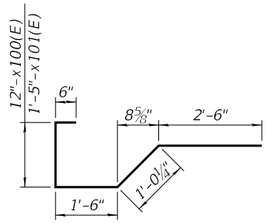
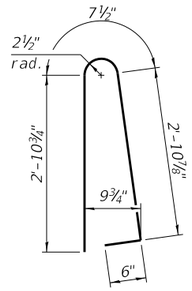


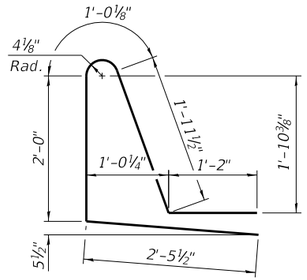
BAR a103(E), a107(E) & a108(E)
(Headed)



BAR x100(E) & x101(E)



BAR d102(E)



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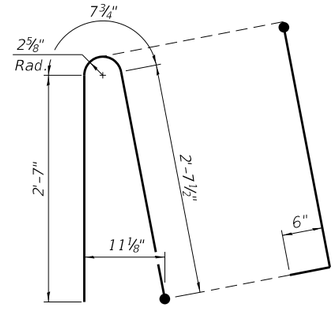
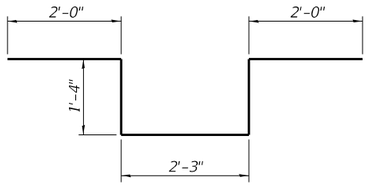
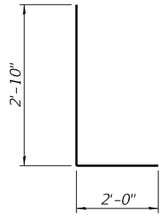


BAR d100(E)

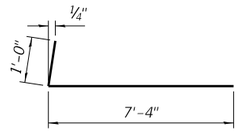
Notes:
Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.



BAR d23(E)



BAR d22(E)

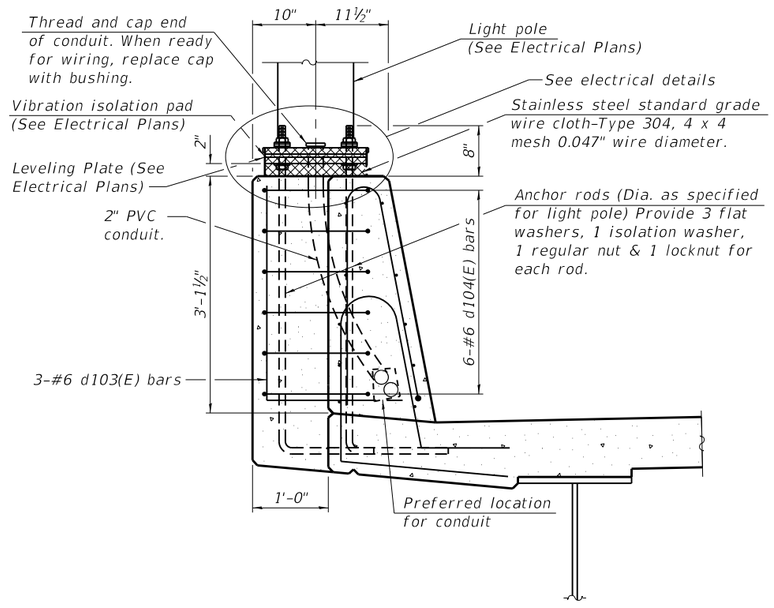


BAR a102(E)

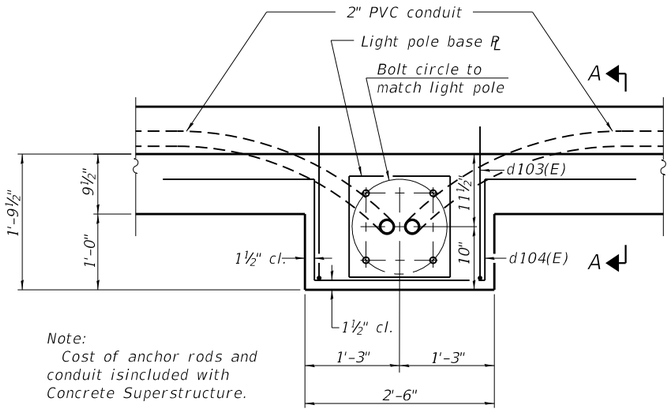
UNIT 1 – SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a100(E)	966	#5	32'-1"	
a101(E)	891	#5	22'-7"	
a102(E)	974	#6	8'-4"	
a103(E)	35	#6	7'-9"	
a104(E)	2	#6	32'-0"	
a105(E)	8	#6	32'-1"	
a106(E)	80	#5	1'-6"	
a107(E)	8	#6	5'-5"	
a108(E)	6	#6	6'-5"	
b100(E)	455	#5	34'-10"	
b101(E)	174	#6	28'-7"	
b102(E)	408	#5	30'-11"	
d100(E)	657	#5	6'-5"	
d101(E)	670	#5	8'-7"	
d102(E)	13	#5	6'-11"	
d103(E)	3	#6	4'-10"	
d104(E)	6	#6	8'-11"	
e100(E)	6	#4	15'-7"	
e101(E)	72	#4	17'-8"	
e102(E)	58	#4	19'-8"	
e103(E)	6	#4	16'-4"	
e104(E)	6	#4	15'-3"	
e105(E)	12	#4	11'-1"	
e106(E)	8	#4	9'-7"	
e107(E)	8	#4	8'-0"	
e108(E)	40	#4	23'-2"	
e109(E)	32	#4	21'-0"	
x100(E)	62	#5	6'-6"	
x101(E)	59	#5	6'-11"	
Reinforcement Bars, Epoxy Coated		Pound	118,290	
Concrete Superstructure		Cu. Yds.	425.5	
Protective Coat		Sq. Yd.	1588	
Bridge Deck Grooving (Longitudinal)		Sq. Yd.	932	
Diamond Grinding (Bridge Section)		Sq. Yd.	1328	

2

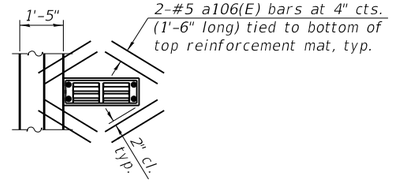


SECTION A-A



PLAN

Note:
Cost of anchor rods and conduit isincluded with Concrete Superstructure.



DS-11 PLAN

Note:
Cut longitudinal reinforcement to clear drainage scuppers.

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	CHECKED - RH	REVISED -	
PLOT SCALE = 5:4 '=' / in.	DRAWN - CTH	REVISED -	
PLOT DATE = 4/8/2019	CHECKED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS, UNIT 1
STRUCTURE NO. 090-0180
SHEET S-101 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1005
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

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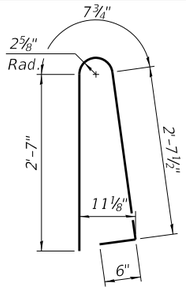
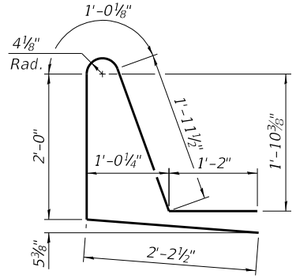
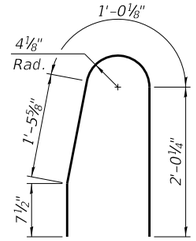


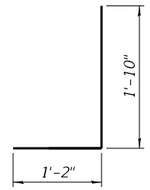
BAR d7(E)



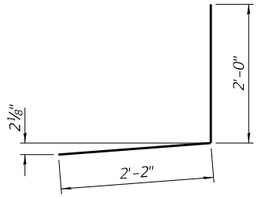
BAR d1(E)



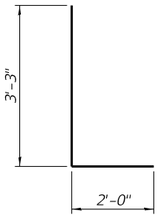
BAR d2(E)



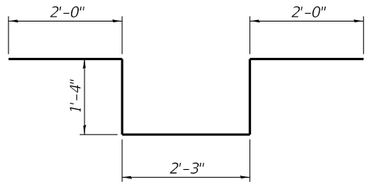
BAR d3(E)



BAR d4(E)



BAR d5(E)



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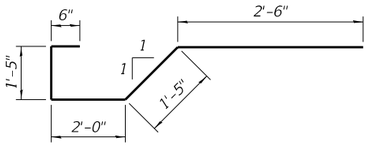
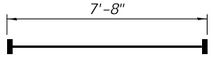
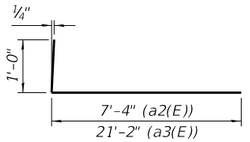


BAR x(E)
Bend to fit in field

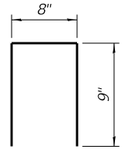


BAR a4(E)
(Headed)

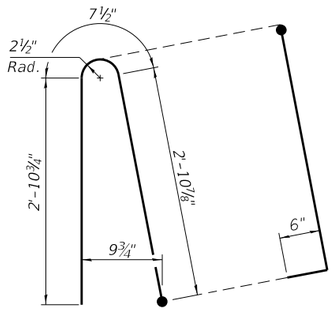
Notes:
Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.



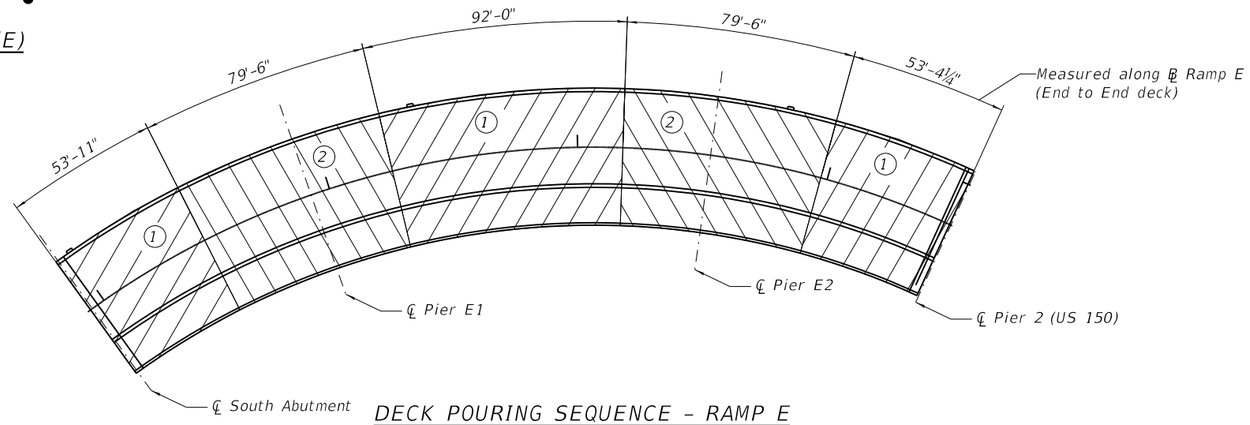
BAR a2(E) & a3(E)



BAR d8(E)



BAR d(E)



DECK POURING SEQUENCE – RAMP E
(The pour can start from either end of the deck.)

RAMP E – SUPERSTRUCTURE
BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	a(E)	835	#5	54'-0"	
	a1(E)	514	#5	53'-10"	
	a2(E)	821	#5	8'-4"	
	a3(E)	821	#5	22'-2"	
	a4(E)	48	#4	7'-8"	
	a5(E)	32	#5	1'-6"	
	a6(E)	32	#5	2'-0"	
2	b(E)	870	#5	28'-10"	
	b1(E)	672	#5	30'-8"	
2	b2(E)	312	#6	33'-3"	
	d(E)	575	#5	6'-11"	
	d1(E)	575	#5	8'-4"	
	d2(E)	515	#5	5'-2"	
	d3(E)	328	#5	3'-0"	
	d4(E)	328	#5	4'-2"	
	d5(E)	9	#6	5'-3"	
	d6(E)	18	#6	8'-11"	
	d7(E)	515	#5	6'-5"	
	d8(E)	78	#5	2'-2"	
	e(E)	8	#4	16'-10"	
	e1(E)	64	#4	16'-8"	
	e2(E)	88	#4	19'-8"	
	e3(E)	24	#4	17'-7"	
	e4(E)	100	#4	18'-8"	
	e5(E)	8	#4	17'-0"	
	e6(E)	12	#4	17'-4"	
	e7(E)	12	#4	18'-6"	
	e8(E)	40	#4	17'-3"	
	e9(E)	16	#4	19'-6"	
	e10(E)	8	#4	18'-1"	
	e11(E)	24	#4	30'-0"	
	e12(E)	20	#4	28'-2"	
	e13(E)	24	#4	26'-5"	
	e14(E)	16	#4	30'-3"	
	x1(E)	110	#5	7'-10"	

Reinforcement Bars, Epoxy Coated	Pound	191,060	2
Concrete Superstructure	Cu. Yds.	590.2	
Parapet Railing	Foot	343	
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	665	
Bridge Fence Railing (Special)	Foot	84.5	
Diamond Grinding (Bridge Section)	Sq. Yd.	1310	
Protective Coat	Sq. Yd.	2391	
Bridge Fence Railing	Foot	506	

Notes on Deck Pouring Sequence:

When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1) At least 72 hours shall have elapsed from the end of the previous pour.
2) The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

The Contractor is alerted that camber and dead load deflection values shown on the girder detail drawings were developed based on the deck pouring sequence shown. Any deviation from this pouring sequence will result in changes to camber and elevations that affect dead load deflections. If the Contractor wishes to change the sequence, then the proposed plan revsions and design calculations shall be submitted to the Engineer for review and approval. The calculations shall be prepared and sealed by a Licensed Structural Engineer in Illinois.

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USER NAME = spantazis	DESIGNED - RH	REVISED - 2 4/16/2019 S.P.	
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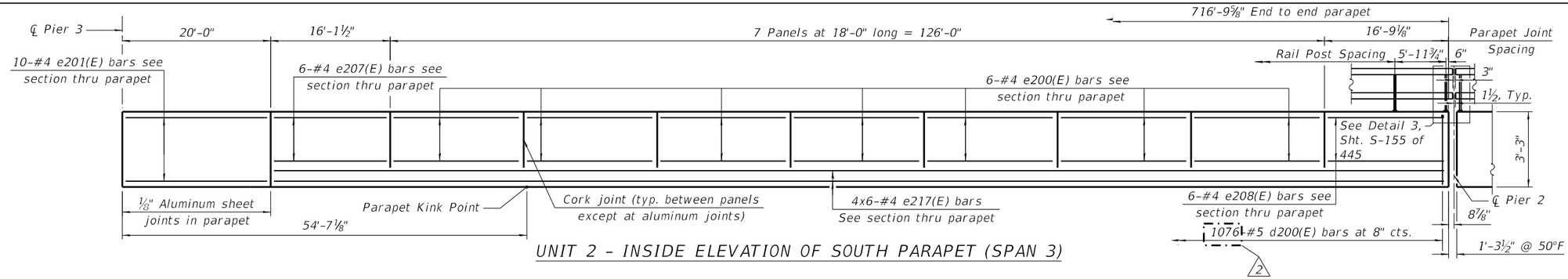
PLOT DATE = 4/8/2019	CHECKED -	REVISED -	

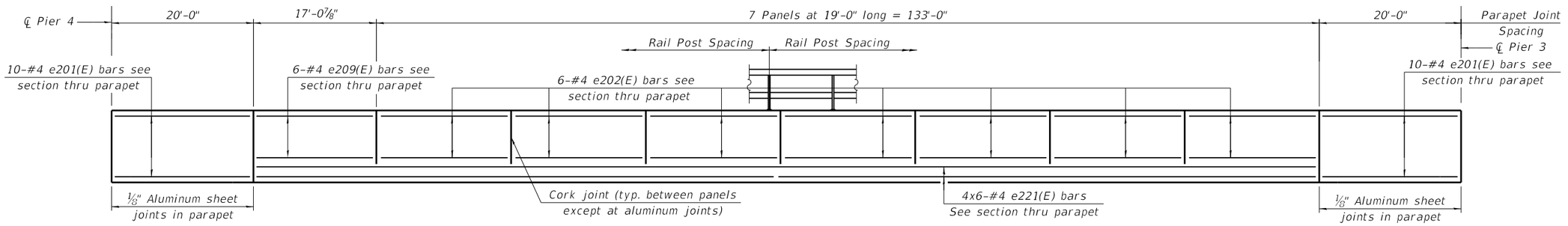
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS - RAMP E, 2 OF 2
STRUCTURE NO. 090-0180
SHEET S-106 OF 445 SHEETS

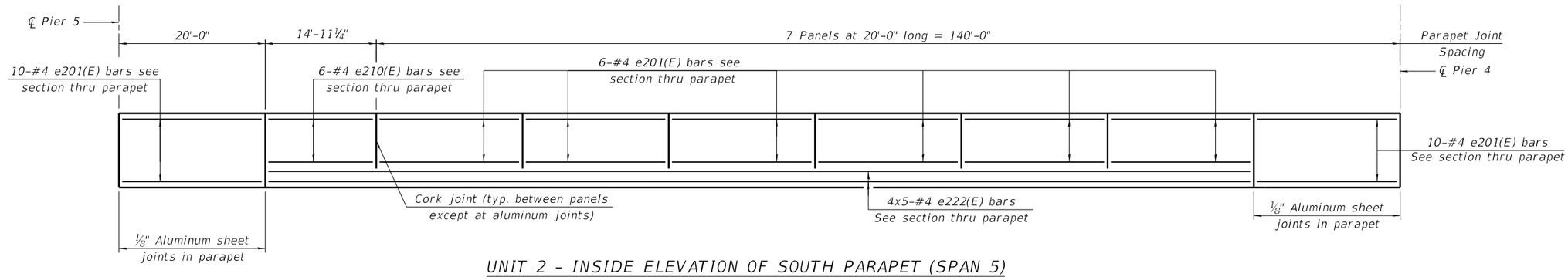
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1010
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			



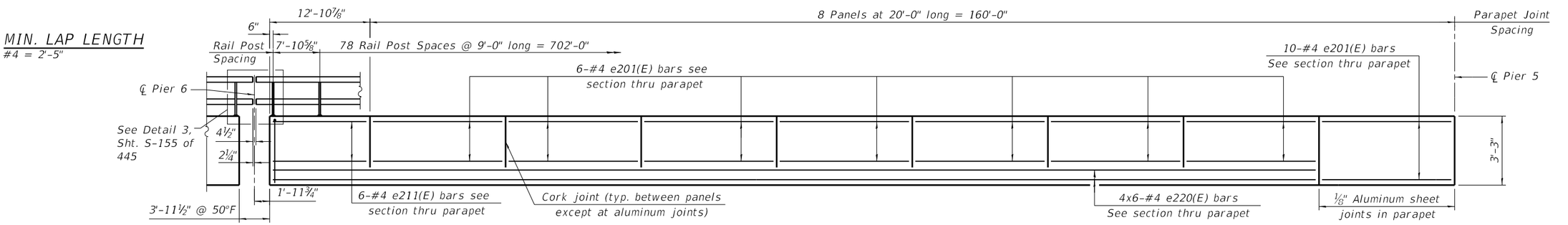
UNIT 2 - INSIDE ELEVATION OF SOUTH PARAPET (SPAN 3)



UNIT 2 - INSIDE ELEVATION OF SOUTH PARAPET (SPAN 4)



UNIT 2 - INSIDE ELEVATION OF SOUTH PARAPET (SPAN 5)



UNIT 2 - INSIDE ELEVATION OF SOUTH PARAPET (SPAN 6)

Note:
1. Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

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PLOT DATE = 4/8/2019	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH PARAPET ELEVATION - UNIT 2
STRUCTURE NO. 090-0180
SHEET S-108 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;(102-1),(14HB))BR)BR	PEO/TAZ	1361	1012
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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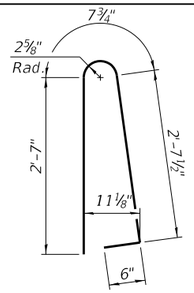
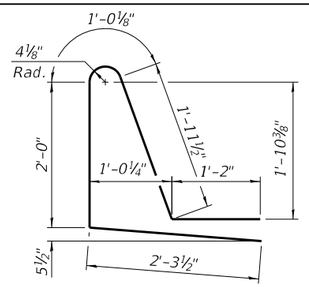
UNIT 2 – SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a200(E)	1555	#5	48'-5"	
a201(E)	1006	#5	48'-2"	
a202(E)	1548	#6	21'-6"	
a203(E)	1548	#6	8'-4"	
a204(E)	55	#4	22'-2"	
a205(E)	10	#4	5'-2"	
a206(E)	1555	#5	25'-10"	
a207(E)	389	#5	41'-1"	
a208(E)	411	#5	33'-1"	
a209(E)	379	#5	29'-3"	
a210(E)	376	#5	26'-1"	
a211(E)	1006	#5	32'-11"	
a212(E)	252	#5	34'-7"	
a213(E)	266	#5	26'-7"	
a214(E)	245	#5	22'-9"	
a215(E)	243	#5	19'-4"	
a216(E)	12	#5	7'-4"	
a217(E)	224	#5	2'-0"	
a218(E)	112	#5	1'-6"	
a219(E)	24	#5	11'-0"	
a220(E)	24	#5	10'-6"	
b200(E)	2295	#5	30'-0"	
2 b201(E)	327	#6	41'-5"	
b202(E)	1976	#5	31'-0"	
b203(E)	297	#6	33'-11"	
2 b204(E)	297	#6	40'-1"	
b205(E)	256	#5	30'-8"	
b206(E)	30	#5	26'-11"	
b207(E)	168	#5	30'-6"	
b208(E)	48	#5	29'-8"	
b209(E)	25	#5	28'-3"	
b210(E)	352	#5	31'-11"	
b211(E)	330	#5	30'-6"	
b212(E)	81	#5	30'-0"	
2 d200(E)	1076	#5	6'-5"	
d201(E)	1071	#5	8'-5"	
d202(E)	1088	#5	5'-2"	
2 d203(E)	720	#5	3'-0"	
d204(E)	720	#5	3'-9"	
d205(E)	9	#6	4'-10"	
d206(E)	18	#6	8'-11"	
d207(E)	12	#5	5'-4"	
d208(E)	168	#5	2'-2"	
d209(E)	1071	#5	6'-5"	

Bar	No.	Size	Length	Shape
e200(E)	76	#4	17'-9"	
e201(E)	316	#4	19'-9"	
e202(E)	148	#4	18'-9"	
e203(E)	6	#4	15'-4"	
e204(E)	6	#4	19'-5"	
e205(E)	42	#4	19'-3"	
e206(E)	6	#4	16'-8"	
e207(E)	6	#4	15'-10"	
e208(E)	6	#4	16'-6"	
e209(E)	6	#4	16'-10"	
e210(E)	6	#4	14'-8"	
e211(E)	6	#4	12'-8"	
e212(E)	4	#4	16'-1"	
2 e213(E)	4	#4	16'-3"	
e214(E)	4	#4	17'-1"	
e215(E)	4	#4	14'-11"	
e216(E)	4	#4	14'-7"	
e217(E)	48	#4	28'-6"	
e218(E)	24	#4	26'-10"	
e219(E)	20	#4	28'-8"	
e220(E)	48	#4	27'-8"	
e221(E)	24	#4	27'-1"	
e222(E)	20	#4	29'-0"	
e250(E)	10	#4	3'-3"	
x200(E)	206	#5	5'-7"	
2 Reinforcement Bars, Epoxy Coated		Pound	635,470	
Concrete Superstructure		Cu. Yds.	2177.8	
Parapet Railing		Foot	717	
Bridge Deck Grooving (Longitudinal)		Sq. Yd.	5081	
Bridge Fence Railing (Special)		Foot	719.5	
Diamond Grinding (Bridge Section)		Sq. Yd.	6352	
Protective Coat		Sq. Yd.	8769	



BAR d200(E)



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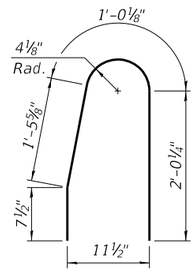
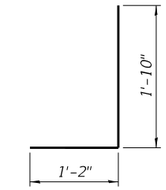
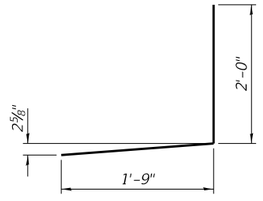


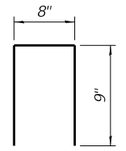
BAR d202(E)



BAR d203(E)



BAR d204(E)



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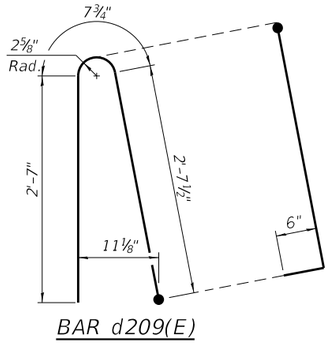

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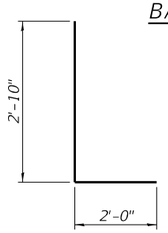

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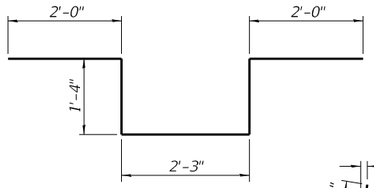

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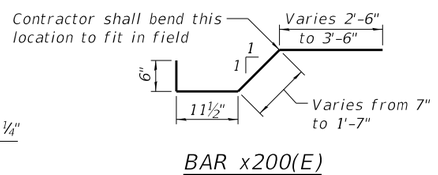

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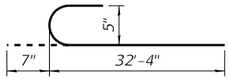

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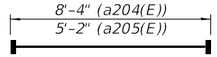

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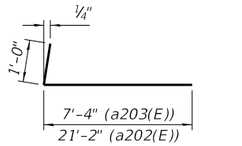
(Headed)



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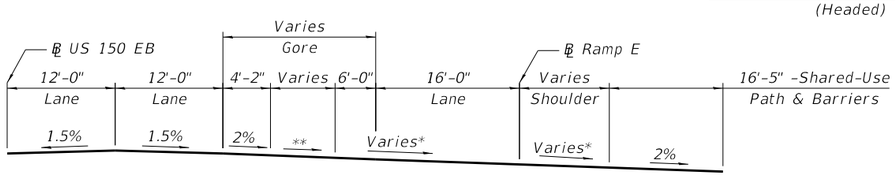


DECK CROSS SLOPE DETAIL

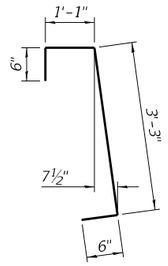
* Varies 6% Sta. 1508+95.19 to 2% Sta. 1510+05.19

** Varies, see Table A

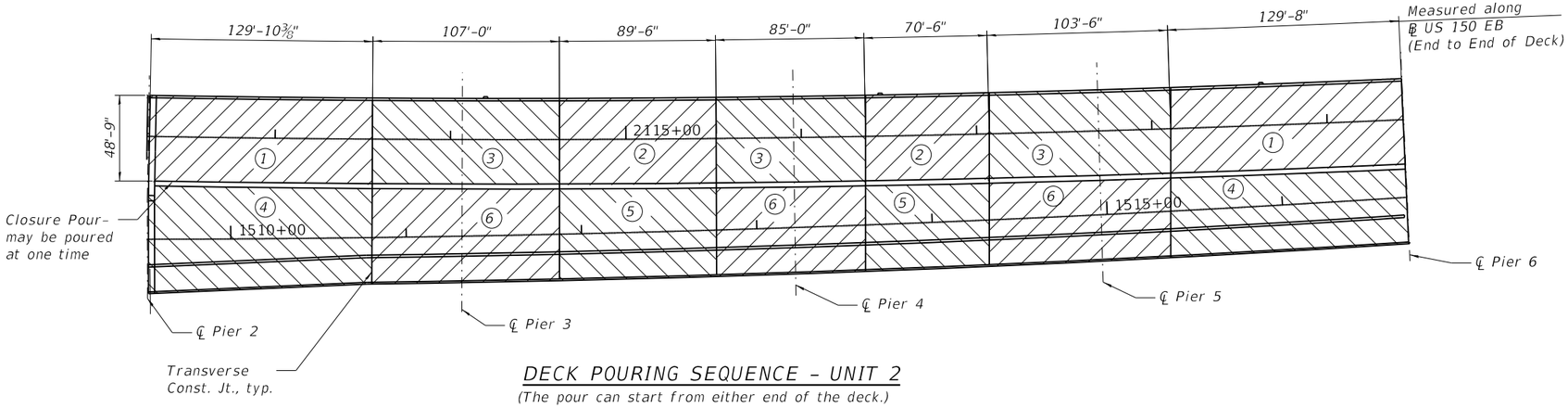
TABLE A

Screed Point	Cross Slope %
℄ E. Brg. Pier 2	2.00
CA	1.75
CB	1.96
CC	2.29
CD	2.74
CE	3.32
CF	2.98
CG	2.58
CH	2.27
CI	2.06
CJ	2.00

Note: For all points east of Screed Point CJ, gore cross slope is 2%.



BAR d207(E)



DECK POURING SEQUENCE – UNIT 2
(The pour can start from either end of the deck.)

Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.

Notes on Deck Pouring Sequence:

When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1) At least 72 hours shall have elapsed from the end of the previous pour.
2) The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

The Contractor is alerted that camber and dead load deflection values shown on the girder detail drawings were developed based on the deck pouring sequence shown. Any deviation from this pouring sequence will result in changes to camber and elevations that affect dead load deflections. If the Contractor wishes to change the sequence, then the proposed plan revsions and design calculations shall be submitted to the Engineer for review and approval. The calculations shall be prepared and sealed by a Licensed Structural Engineer in Illinois.

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USER NAME = CHORBACZ	DESIGNED - CTH	REVISED - 2 4/16/2019 S.P.			
	CHECKED - SP	REVISED -			
PLOT SCALE = 5:4 '' / in.	DRAWN - CTH	REVISED -			
PLOT DATE = 4/8/2019	CHECKED - SP	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS - UNIT 2, 3 OF 3
STRUCTURE NO. 090-0180
SHEET S-112 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR	PEO/TAZ	1361	1016
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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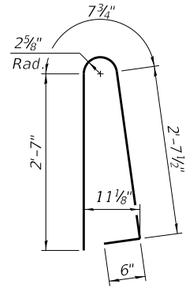
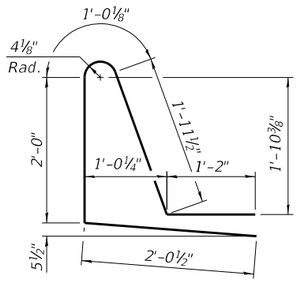


BAR d300(E)



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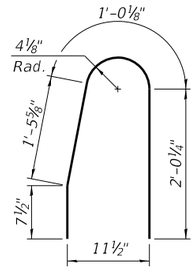

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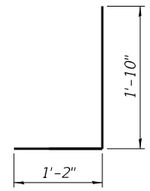

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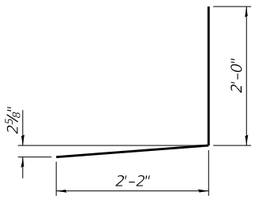

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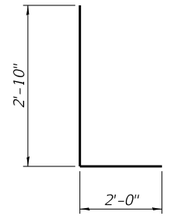

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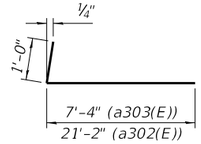
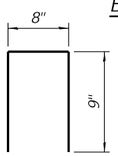


BAR a302(E) & a303(E)



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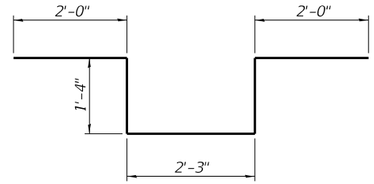

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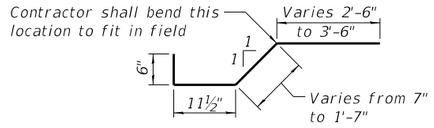

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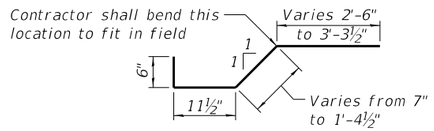

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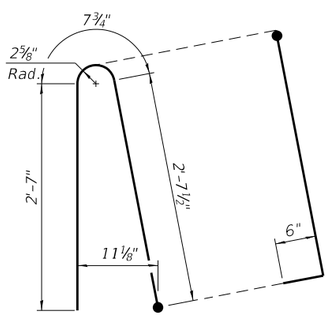

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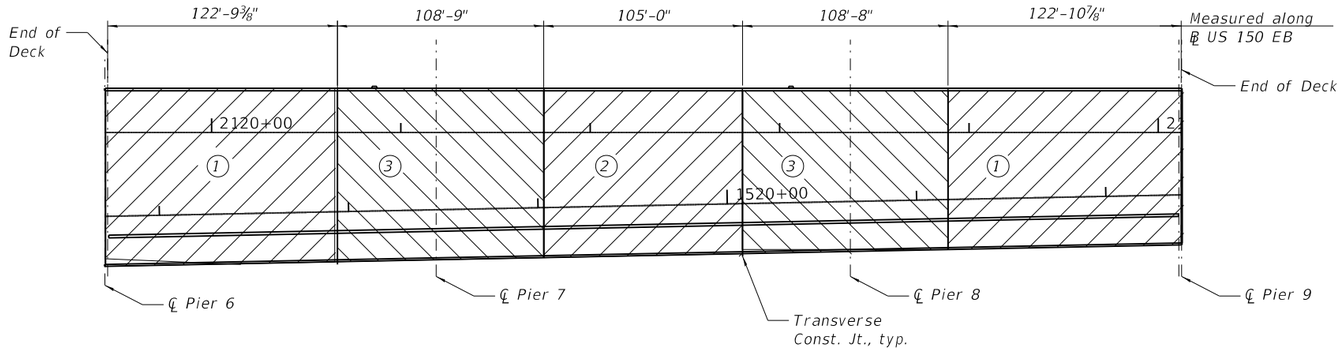
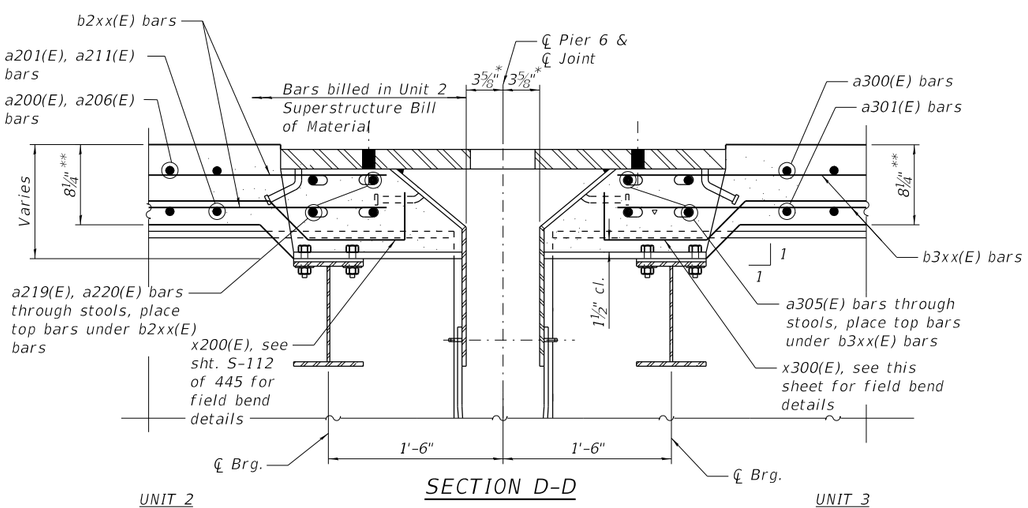


DECK POURING SEQUENCE – UNIT 3

(The pour can start from either end of the deck.)



SECTION D-D

* At 50° F

** Prior to grinding

UNIT 3 – SUPERSTRUCTURE

BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	a300(E)	4071	#5	33'-8"	
	a301(E)	3396	#5	26'-2"	
	a302(E)	1357	#6	22'-2"	
	a303(E)	1357	#6	8'-4"	
	a304(E)	288	#5	1'-6"	
	a305(E)	40	#5	12'-7"	
	a306(E)	40	#5	11'-6"	
	b300(E)	1960	#5	31'-9"	
2	b301(E)	558	#6	41'-4"	
	b302(E)	1634	#5	33'-3"	
	d300(E)	849	#5	6'-5"	
	d301(E)	853	#5	8'-2"	
	d302(E)	849	#5	5'-2"	
	d303(E)	569	#5	3'-0"	
	d304(E)	569	#5	4'-2"	
	d305(E)	6	#6	4'-10"	
	d306(E)	12	#6	8'-11"	
2	d307(E)	116	#5	2'-2"	
	d308(E)	853	#5	6'-5"	
	e300(E)	20	#4	14'-6"	
	e301(E)	448	#4	19'-8"	
	e302(E)	16	#4	18'-5"	
	e303(E)	6	#4	12'-9"	
	e304(E)	6	#4	13'-1"	
	e305(E)	152	#4	27'-10"	
	x300(E)	92	#5	5'-7"	
	x301(E)	81	#5	5'-4"	

2	Reinforcement Bars, Epoxy Coated	Pound	493,620
	Concrete Superstructure	Cu. Yds.	1524.2
	Parapet Railing	Foot	565
	Bridge Deck Grooving (Longitudinal)	Sq. Yd.	3194
	Bridge Fence Railing (Special)	Foot	568.5
	Diamond Grinding (Bridge Section)	Sq. Yd.	4204
	Protective Coat	Sq. Yd.	6140

Notes on Deck Pouring Sequence:

When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1) *At least 72 hours shall have elapsed from the end of the previous pour.*
2) *The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.*

The Contractor is alerted that camber and dead load deflection values shown on the girder detail drawings were developed based on the deck pouring sequence shown. Any deviation from this pouring sequence will result in changes to camber and elevations that affect dead load deflections. If the Contractor wishes to change the sequence, then the proposed plan revsions and design calculations shall be submitted to the Engineer for review and approval. The calculations shall be prepared and sealed by a Licensed Structural Engineer in Illinois.

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PLOT SCALE = 5:4 '=' / in.	DRAWN -	REVISED -	
PLOT DATE = 4/5/2019	CHECKED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS - UNIT 3, 2 OF 2
STRUCTURE NO. 090-0180

SHEET S-117 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR	PEO/TAZ	1361	1021
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT	NHPP-YRP3(905)		

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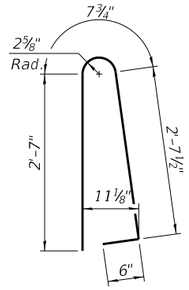
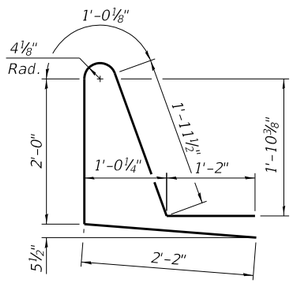


BAR d400(E)



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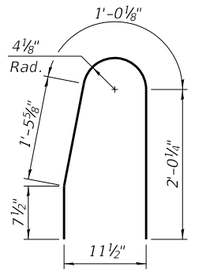

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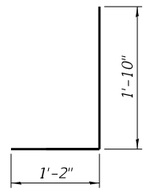

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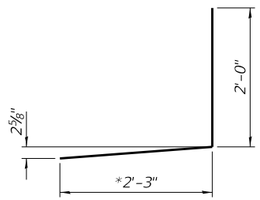
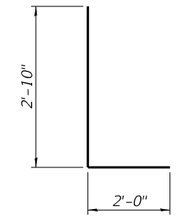


BAR d404(E)

* Cut To Fit



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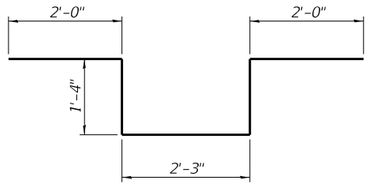

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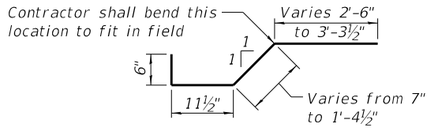
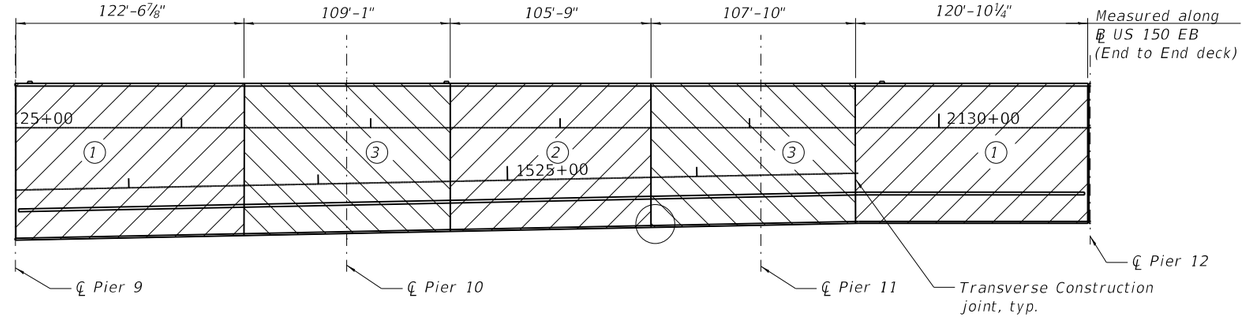
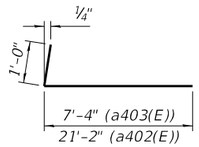


BAR x400(E)

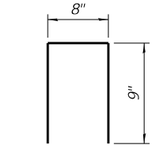


DECK POURING SEQUENCE - UNIT 4

(The pour can start from either end of the deck.)



BAR a402(E) & a403(E)



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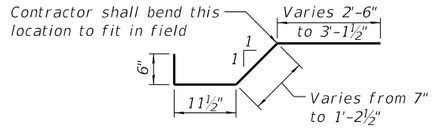
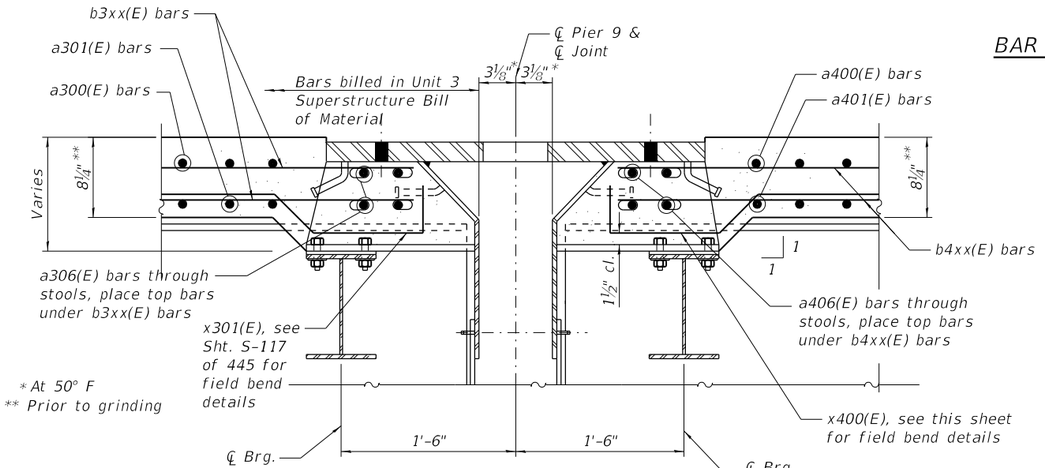
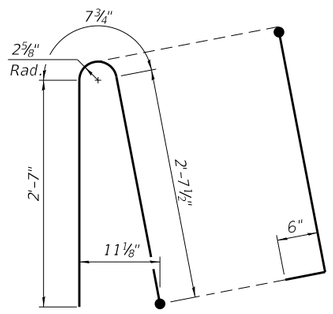


BAR x401(E)



SECTION E-E



BAR d408(E)

UNIT 4 - SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a400(E)	2458	#5	43'-0"	
a401(E)	2388	#5	29'-10"	
a402(E)	1229	#6	22'-2"	
a403(E)	1229	#6	8'-4"	
a404(E)	96	#5	2'-0"	
a405(E)	48	#5	1'-6"	
a406(E)	40	#5	11'-6"	
a407(E)	36	#5	11'-4"	
b400(E)	1978	#5	28'-0"	
b401(E)	468	#6	42'-0"	
b402(E)	1716	#5	29'-2"	
d400(E)	846	#5	6'-5"	
d401(E)	850	#5	8'-4"	
d402(E)	846	#5	4'-10"	
d403(E)	567	#5	3'-0"	
d404(E)	567	#5	4'-3"	
d405(E)	9	#6	4'-10"	
d406(E)	18	#6	8'-11"	
d407(E)	118	#5	2'-2"	
d408(E)	850	#5	6'-5"	
e400(E)	710	#4	14'-6"	
e401(E)	336	#4	19'-8"	
e402(E)	16	#4	18'-5"	
e403(E)	112	#4	19'-3"	
e404(E)	10	#4	16'-0"	
e405(E)	6	#4	13'-1"	
e406(E)	6	#4	14'-1"	
e407(E)	152	#4	27'-10"	
x400(E)	81	#5	5'-4"	
x401(E)	72	#5	5'-2"	
Reinforcement Bars, Epoxy Coated		Pound	419,420	
Concrete Superstructure		Cu. Yds.	1358.2	
Parapet Railing		Foot	564	
Bridge Deck Grooving (Longitudinal)		Sq. Yd.	2548	
Bridge Fence Railing (Special)		Foot	567.5	
Diamond Grinding (Bridge Section)		Sq. Yd.	3556	
Protective Coat		Sq. Yd.	5489	

Notes on Deck Pouring Sequence:

When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1) *At least 72 hours shall have elapsed from the end of the previous pour.*
2) *The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.*

The Contractor is alerted that camber and dead load deflection values shown on the girder detail drawings were developed based on the deck pouring sequence shown. Any deviation from this pouring sequence will result in changes to camber and elevations that affect dead load deflections. If the Contractor wishes to change the sequence, then the proposed plan revsions and design calculations shall be submitted to the Engineer for review and approval. The calculations shall be prepared and sealed by a Licensed Structural Engineer in Illinois.

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USER NAME = spantazis	DESIGNED - CTH	REVISED - 2 4/16/2019 S.P.	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS - UNIT 4, 2 OF 2
STRUCTURE NO. 090-0180

SHEET S-122 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1026
		CONTRACT NO. 68B46		
		ILLINOIS FED. AID PROJECT NHPP-YRP3(905)		

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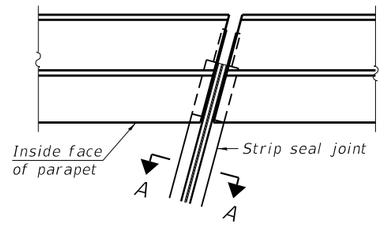
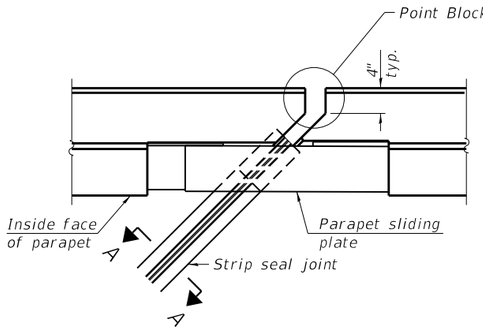
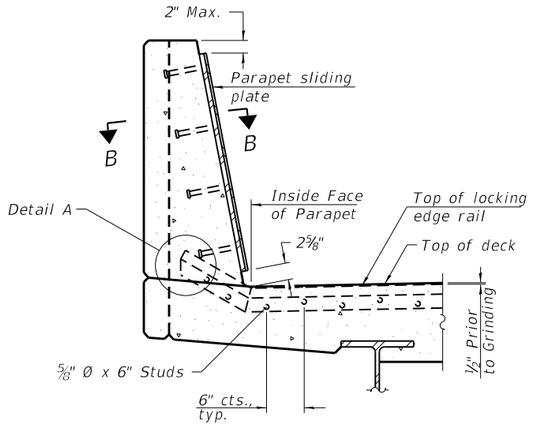


FOR SKEWS ≤ 30°



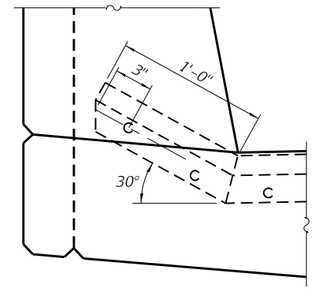
FOR SKEWS > 30°

PLAN AT PARAPET

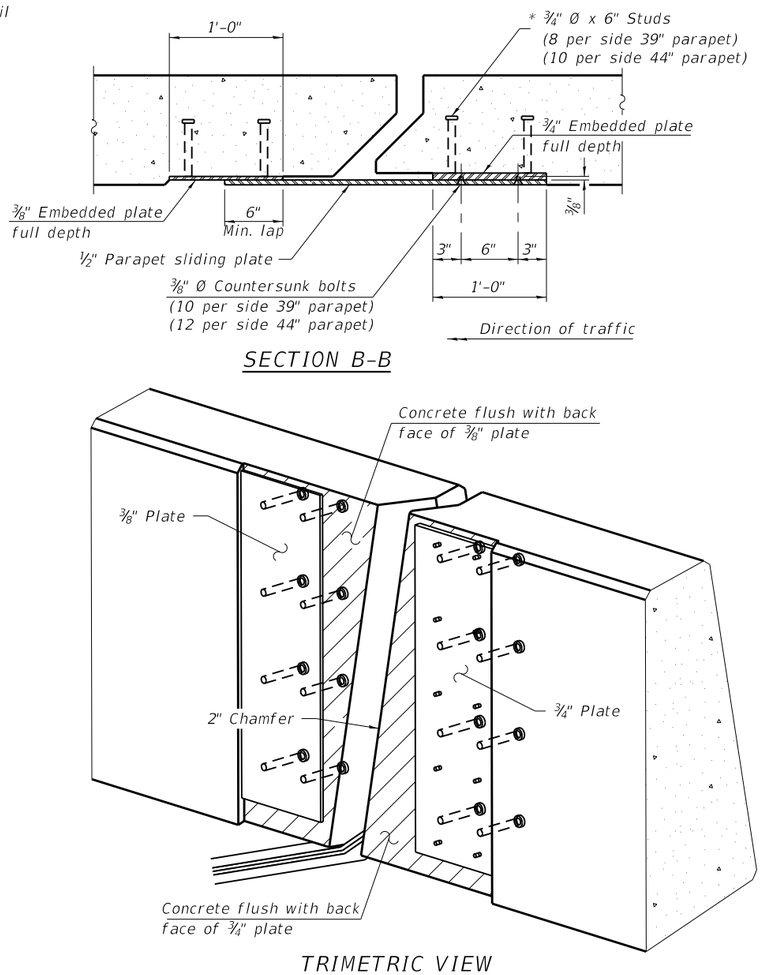


SECTION AT PARAPET

(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



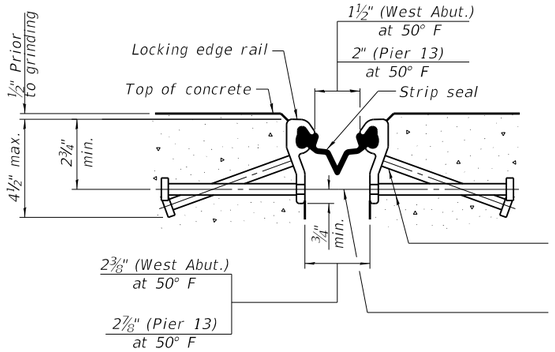
DETAIL A



TRIMETRIC VIEW

(Showing embedded plates only)

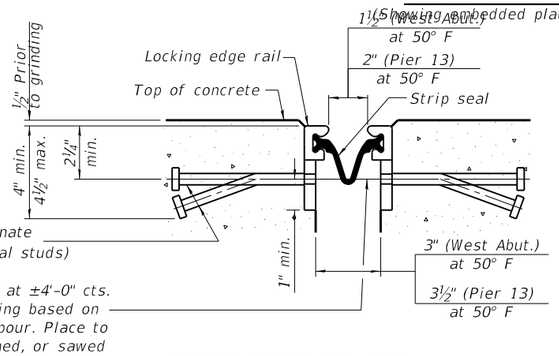
SECTION B-B



SHOWING ROLLED RAIL JOINT

* ⅝" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

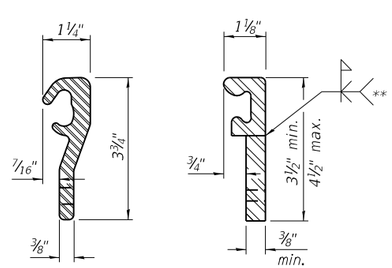
⅜" ϕ threaded rods in 7/16" ϕ holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.



SHOWING WELDED RAIL JOINT

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

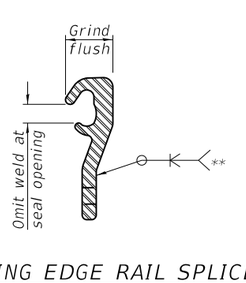


ROLLED (EXTRUDED) RAIL

WELDED RAIL

LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	133.5

60' at West Abutment
73.5' at Pier 13

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ¼". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4½" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.

Cost of parapet sliding plates, sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.

39" constant slope barrier shown, 44" constant slope barrier similar as noted.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

Apply anti-seize compound to all countersunk bolts and anchors in sidewalk sliding plate and parapet embedded plate.

△2 Entire Sheet Revised

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MODIFIED PREFORMED JOINT STRIP SEAL, 1 OF 2
STRUCTURE NO. 090-0180
SHEET S-190 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR	PEO/TAZ	1361	1096
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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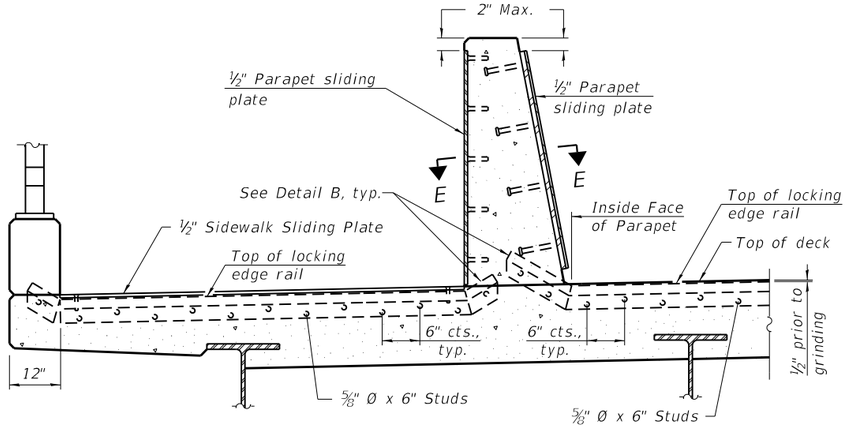
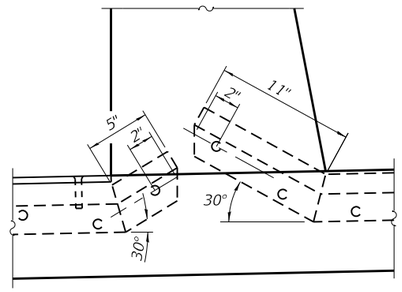
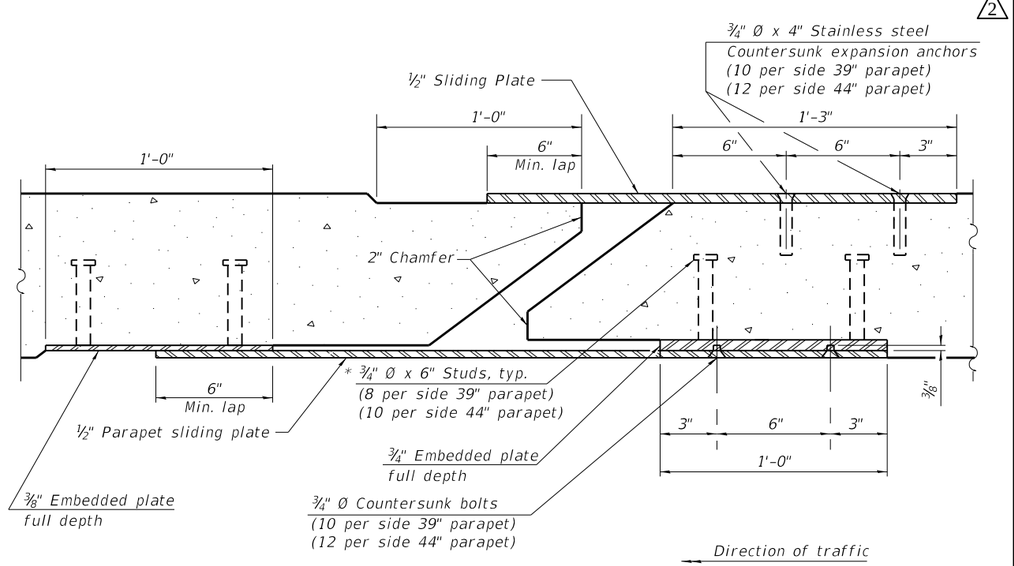


ELEVATION AT DECK LEVEL SIDEWALK

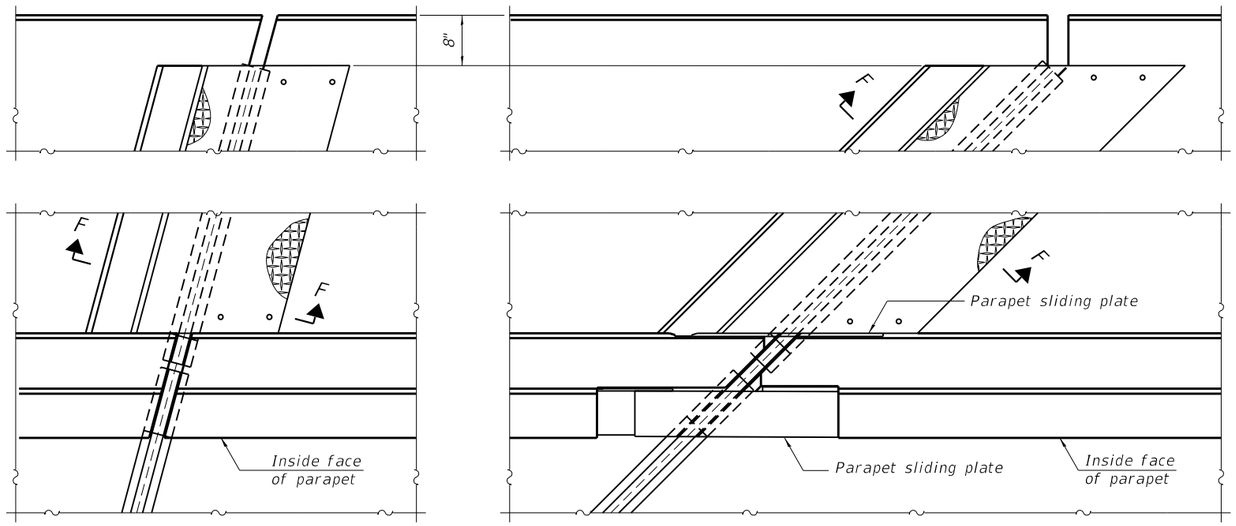
(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



DETAIL B



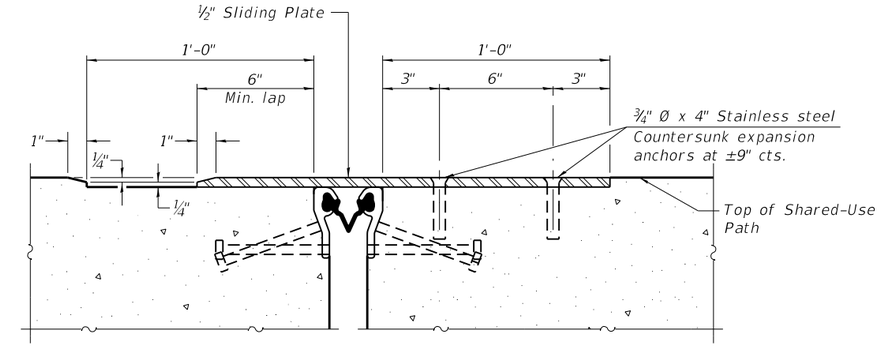
SECTION E-E



(FOR SKEWS ≤ 30°)

(FOR SKEWS > 30°)

PLAN AT DECK LEVEL SIDEWALK



SECTION F-F

2 Entire Sheet Revised

TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = spantazis	DESIGNED - SP	REVISED - 2 4/16/2019 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MODIFIED PREFORMED JOINT STRIP SEAL, 2 OF 2 STRUCTURE NO. 090-0180
		CHECKED -	REVISED -		SHEET S-191 OF 445 SHEETS
	PLOT SCALE = 0:2.0000 '\' / in.	DRAWN -	REVISED -		
	PLOT DATE = 4/4/2019	CHECKED -	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1097
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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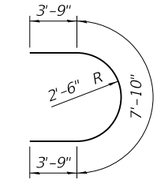
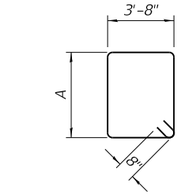


BAR u100(E)

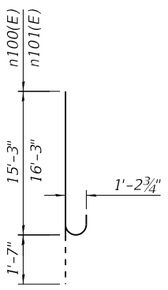


BARS s100(E) - s114(E)

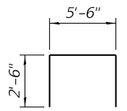
A DIMENSION

Bar	A
s100(E)	8'-8"
s101(E)	8'-4 1/8"
s102(E)	8'-0 3/8"
s103(E)	7'-8 1/2"
s104(E)	7'-4 3/4"
s105(E)	7'-1"
s106(E)	6'-9 1/4"
s107(E)	6'-5 1/2"
s108(E)	6'-1 3/4"
s109(E)	5'-8"
s110(E)	5'-2 3/8"
s111(E)	4'-8 3/4"
s112(E)	4'-3"
s113(E)	3'-9 3/8"
s114(E)	3'-3 3/4"

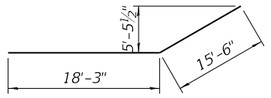
Note: Overall bar length in Bill of Material rounded where necessary



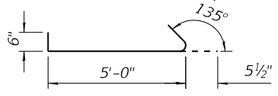
BAR n100(E) & n101(E)



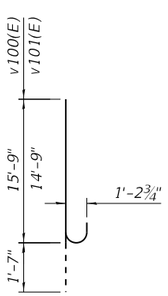
BAR s115(E)



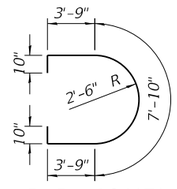
BAR p101(E)



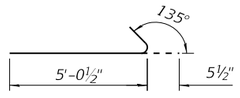
BAR s116(E)



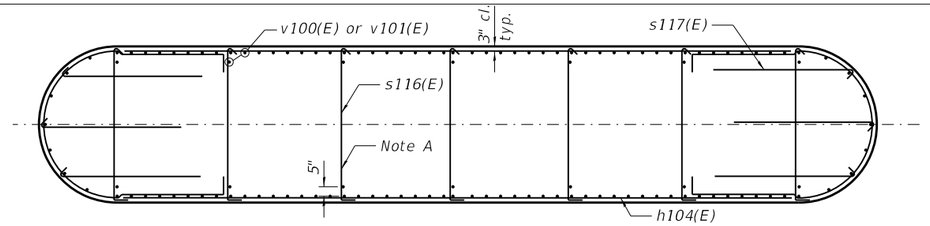
BAR v100(E) & v101(E)



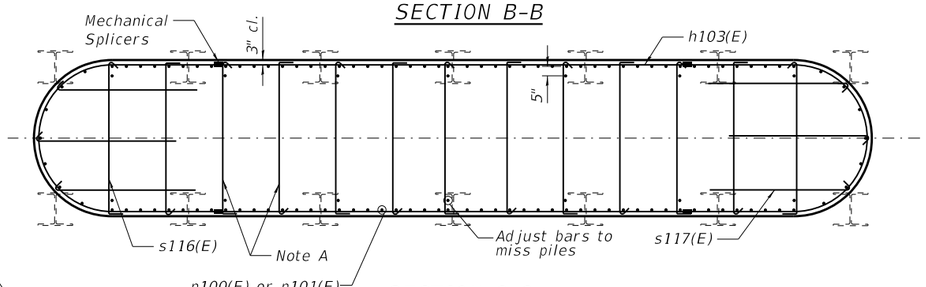
BAR u101(E)



BAR s117(E)

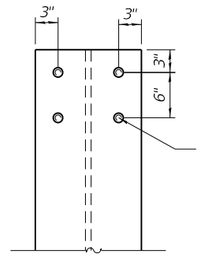


SECTION B-B

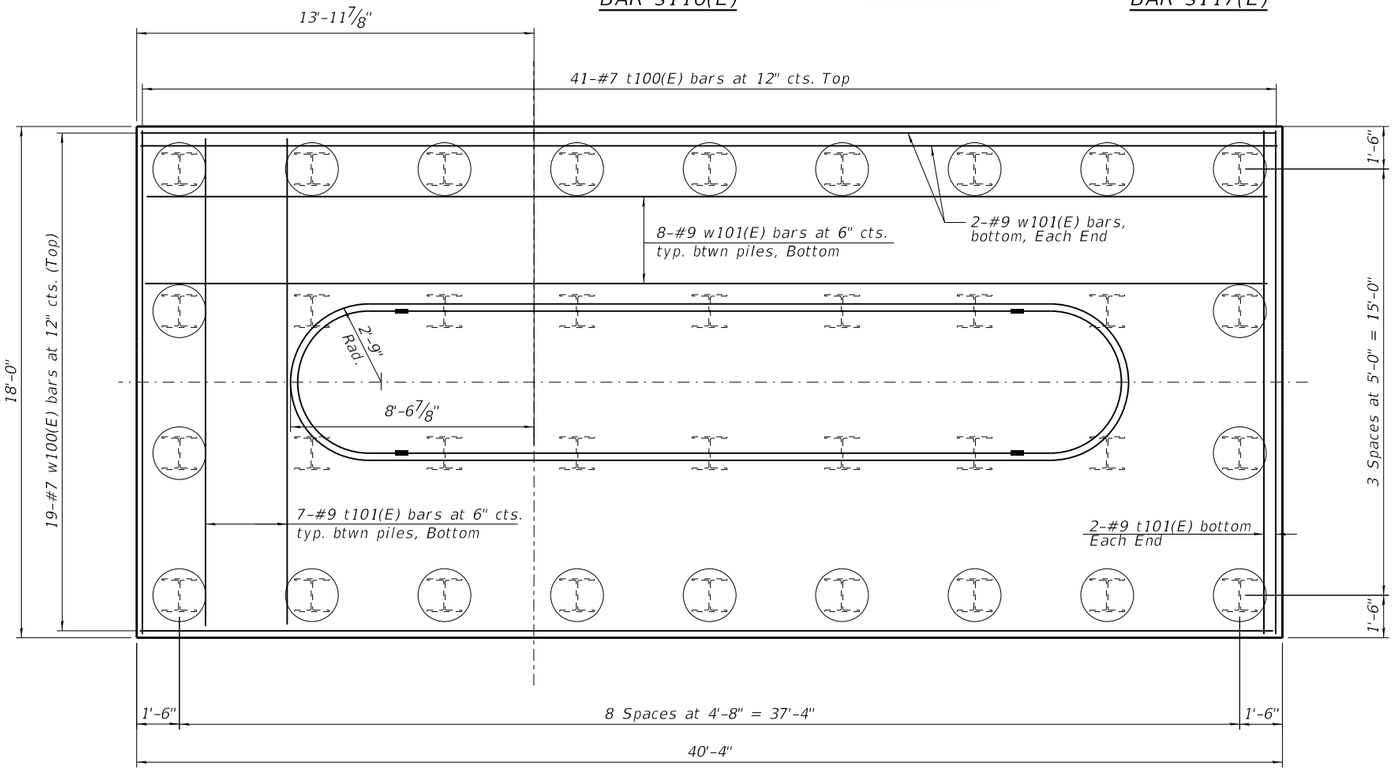


SECTION C-C

Note A:
Alternate the position of 135° & 180° hooks at each vertical layer of ties.

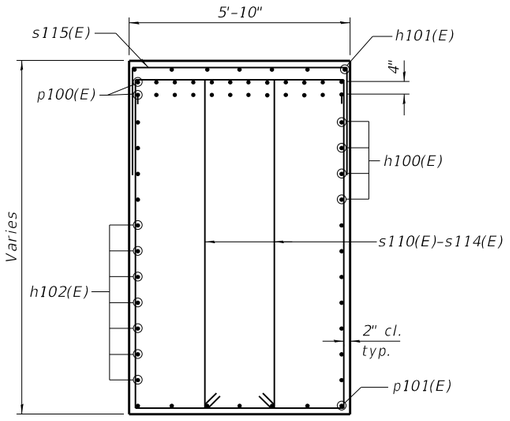


4-3/4" Dia. x 4" Granular or solid flux filled headed studs automatically end welded (Typ. each flange). Cost included with Furnishing Piles



FOOTING PLAN

END OF PILE DETAIL



SECTION A-A

Piles Denoted such - see "End of pile Detail"

PIER 1
BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	h100(E)	8	#7	58'-8"	
	h101(E)	7	#5	43'-5"	
	h102(E)	28	#7	30'-6"	
*	h103(E)	58	#5	16'-6"	
	h104(E)	24	#5	24'-0"	
*	n100(E)	63	#11	16'-10"	
*	n101(E)	63	#11	17'-10"	
	p100(E)	24	#10	58'-8"	
	p101(E)	20	#7	33'-9"	
	s100(E)	44	#6	26'-0"	
	s101(E)	4	#6	25'-4"	
	s102(E)	4	#6	24'-9"	
	s103(E)	4	#6	24'-1"	
	s104(E)	4	#6	23'-6"	
	s105(E)	4	#6	22'-10"	
	s106(E)	4	#6	22'-3"	
	s107(E)	4	#6	21'-7"	
	s108(E)	4	#6	21'-0"	
	s109(E)	4	#6	20'-0"	
	s110(E)	4	#6	19'-1"	
	s111(E)	4	#6	18'-2"	
	s112(E)	4	#6	17'-2"	
	s113(E)	4	#6	16'-3"	
	s114(E)	4	#6	15'-4"	
	s115(E)	44	#5	10'-6"	
2	s116(E)	474	#5	6'-0"	
	s117(E)	216	#5	5'-6"	
	t100(E)	41	#7	17'-8"	
	t101(E)	60	#9	17'-8"	
*	u100(E)	58	#5	15'-4"	
	u101(E)	24	#5	17'-0"	
*	v100(E)	63	#11	17'-4"	
*	v101(E)	63	#11	16'-4"	
	w100(E)	19	#7	40'-0"	
	w101(E)	28	#9	40'-0"	

Structure Excavation	Cu. Yd.	253
Concrete Structures	Cu. Yd.	378.0
2 Reinforcement Bars, Epoxy Coated	Pound	54,890
Furnishing Steel Piles HP 14x89	Foot	2275
Driving Piles	Foot	2275
Test Pile, HP14x89	Each	1

*The bar length is to the center of the mechanical splicer. The Contractor shall adjust the length as required for the selected mechanical splicer.

PILE DATA

Type: HP 14x89
Nominal Required Bearing: 705 kips
Factored Resistance Available: 388 kips
Est. Length: 65'
No. Production Piles: 35
No. Test Piles: 1

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CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = spantazis	DESIGNED - SP	REVISED - 2 4/16/2019 S.P.	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 1 REINFORCEMENT
STRUCTURE NO. 049-0180
SHEET S-298 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1206
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

Mark A: 23 vertical lines of 6-#5 s214(E) bars in south crashwall and 25 vertical lines of 6-#5 s214(E) bars in north crashwall at 2'-0" cts. max. (Alternate ends each layer)

67 sets of 2-#6 s203(E), 7-#5 s204(E), 4-#5 s206(E), 4-#5 s207(E), 4-#5 s208(E), 4-#5 s209(E) and 9-#5 s210(E) at 4" cts.

11-#8 h200(E) bars @ 9" cts., Each face

11-#8 h201(E) bars @ 9" cts., Each face, bend in field

Steps (beyond)

4-#6 h214(E)

u211(E)

u210(E)

u209(E)

4x2-#6 h206(E)

4x2-#6 h213(E)

4x2-#6 h206(E)

10 sets of 4-#6 h207(E)

4-#6 h212(E)

4-#6 h218(E)

4-#6 h217(E)

4-#6 h211(E)

u208(E)

u207(E)

u206(E)

u204(E)

4-#6 h216(E)

4-#6 h210(E)

u203(E)

u205(E)

4-#6 h215(E)

u202(E)

4x2-#6 h209(E)

u204(E)

4x2-#6 h208(E)

7-#8 h203(E) bars @ 9" cts., each face, (See Field Cutting Diagram)

u203(E)

4x2-#6 h206(E)

4x2-#6 h219(E)

u207(E)

u206(E)

4-#6 h220(E)

u205(E)

7-#8 h202(E) bars @ 9" cts., E.F. (See Field Cutting Diagram)

J

J

12-#10 p200(E) bars

2'-11" min., typ.

8-#10 p202(E) bars

12-#10 p201(E) bars

10-#10 p201(E) bars

12-#10 p200(E) bars

4'-5" min., typ.

8-#10 p203(E) bars

12-#10 p205(E) bars

12-#10 p205(E) bars

12-#10 p202(E) bars

12-#10 p203(E) bars

C

B

B

C

67 sets of 1-#6 s202(E), 1-#6 s203(E), 7-#5 s204(E), 9-#5 s205(E), 4-#5 s206(E), 4-#5 s207(E), 4-#5 s208(E) & 4-#5 s209(E) at 4" cts. (Typ. Exterior columns)

v200(E)

v201(E)

12-#10 p204(E) bars

15 sets of 4-#6 s200(E) bars @ 12" cts. typ.

16 sets of 4-#6 s201(E) bars @ 12" cts. typ.

15 sets of 4-#6 s200(E) bars @ 12" cts. typ.

12-#10 p204(E) bars

14 sets of 4-#6 s200(E) bars @ 12" cts. typ.

14 sets of 4-#6 s201(E) bars @ 12" cts. typ.

14 sets of 4-#6 s200(E) bars @ 12" cts. typ.

1'-0"

1'-0"

1'-0"

1'-0"

5'-3" min., typ.

*7'-0" Plastic Hinge Region

D

D

E

E

H

H

2'-0" typ.

3'-10" min., typ.

38-#11 v200(E) bars spliced with 38-#11 n200(E) bars (outside layer), 38-#11 v201(E) bars spliced with 38-#11 n201(E) bars (outside layer), 30-#11 v200(E) bars spliced with 30-#11 n200(E) bars (inside layer), (Alt. locations, typ. all columns)

7 sets of 7-#5 s204(E), 4-#5 s206(E), 4-#5 s207(E), 4-#5 s208(E), 4-#5 s209(E), 9-#5 s210(E) & 2-#6 s212(E), at 8" cts.

106 Mechanical Splicers for #11 bars (each column)

206 Mechanical Splicers for #6 bars (each column)

A

I

I

7 sets of 7-#5 s204(E), 9-#5 s205(E), 4-#5 s206(E), 4-#5 s207(E), 4-#5 s208(E), 4-#5 s209(E), 1-#6 s211(E), & 1-#6 s212(E) at 8" cts. (Typ. Exterior columns)

n201(E)

n200(E)

w200(E)

u200(E)

7-#7 h204(E) bars, top

45-#7 u201(E) bars lap with n202(E)

2 50-#7 u201(E) bars lap with n202(E)

2-#7 n202(E) bars, typ.

50-#7 n202(E) bars E.F. lap with u201(E), see Footing Plan

F

F

7-#7 h205(E) bars, top

6-#7 h205(E) bars at 12" cts. E.F.

Mark A

G

G

8'-4", typ.

t200(E)

w200(E)

t200(E)

u200(E)

2" cl.

35 sets of 1-#6 s202(E), 1-#6 s203(E), 7-#5 s204(E), 9-#5 s205(E), 4-#5 s206(E), 4-#5 s207(E), 4-#5 s208(E) & 4-#5 s209(E) at 4" cts. (Typ. Exterior columns)

t201(E)

4x5-#7 w200(E) bars at 12" cts. max., typ. both sides of footing

3" cl.

w201(E)

6-#7 h204(E) bars at 12" cts., E.F.

45-#7 n202(E) bars E.F. lap with u201(E), see Footing Plan

35 sets of 2-#6 s203(E), 7-#5 s204(E), 4-#5 s206(E), 4-#5 s207(E), 4-#5 s208(E), 4-#5 s209(E) and 9-#5 s210(E) at 4" cts.

w200(E)

w201(E)

4-#7 t200(E) bars at 12" cts. max. typ. both ends of footing

t201(E)

END VIEW
(Looking South)

ELEVATION
(Looking East)

* Splicing of reinforcement will not be allowed in this area.

MINIMUM BAR LAP

#5 bar = 3'-9"
#6 bar = 4'-4"
#7 bar = 5'-0"
#10 bar (Top of cap) = 7'-8"
#10 bar (Bot. of cap) = 6'-9"

Notes:
1. Adjust bar spacing to miss anchor bolts.
2. Cut bars according to cutting diagram on Sheet S-303A of 445 and use remainder of bars in opposite face.
3. Bars indicated thus 8x2-#9 etc. indicates 8 lines of bars with 2 lenghts per line.
4. For bar list and Bill of Material, see Sheet S-303A of 445.
5. Alternate ends of s204(E) thru s210(E) bars each layer.

3" cl. Typ.

s203(E)

s204(E)

s206(E)

s203(E)

s207(E)

3'-9" min. lap, typ.

n201(E)

n200(E)

n202(E)

s210(E)

s208(E)

s209(E)

SECTION F-F

3" cl. Typ.

s204(E)

n201(E)

n200(E)

s203(E)

s206(E)

s202(E)

s207(E)

3'-9" min. lap, typ.

n202(E)

s205(E)

s209(E)

s208(E)

SECTION G-G

Note: Lower diaphragm rebar not shown in sections for clarity

TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = spantazis	DESIGNED - SP	REVISED - 2 4/16/2019 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 2 REINFORCEMENT, 1 OF 4 STRUCTURE NO. 090-0180
		CHECKED -	REVISED -		
	PLOT SCALE = 10:8.0000 ':' / in.	DRAWN - CH	REVISED -		SHEET S-301 OF 445 SHEETS
	PLOT DATE = 4/5/2019	CHECKED -	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1209
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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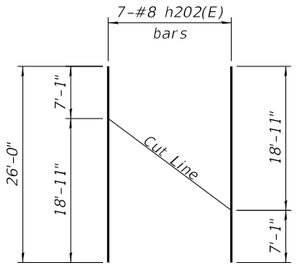
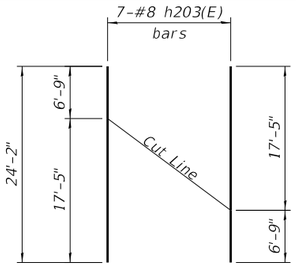


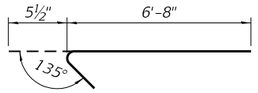
FIELD CUTTING DIAGRAM

Order full length. Cut as shown and use remainder of bars in opposite face.

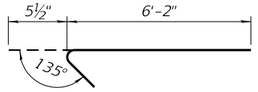


FIELD CUTTING DIAGRAM

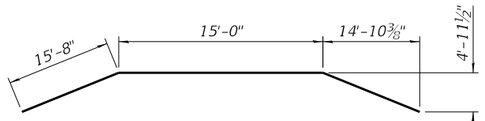
Order full length. Cut as shown and use remainder of bars in opposite face.



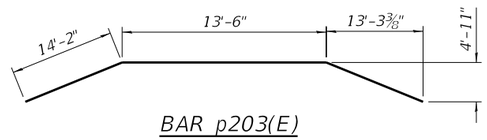
BARS s207(E)



BARS s209(E)



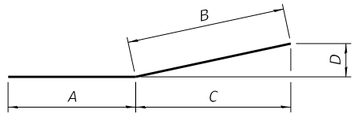
BAR p202(E)



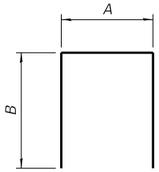
BAR p203(E)

A, B & C DIMENSIONS

Bar	A	B	C	D
h207(E)	3'-7"	6'-8"	6'-8"	0'-1½"
p201(E)	31'-4"	3'-0"	3'-0"	¾"
p204(E)	5'-3"	7'-2"	6'-9½"	2'-3¼"
p205(E)	5'-3"	7'-3"	6'-9¾"	2'-5¾"



BARS h207(E), p201(E), p204(E), p205(E), p206(E) & p207(E)



BAR s200(E), s201(E), u200(E), u201(E), u202(E), u203(E), u204(E), u205(E), u206(E), u207(E), u208(E), u209(E), u210(E), u211(E)

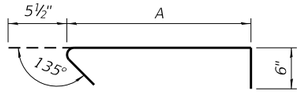
A & B DIMENSIONS

Bar	A	B
s200(E)	5'-2"	9'-6"
s201(E)	5'-2"	7'-0"
u200(E)	4'-6"	2'-11"
u201(E)	5'-8"	5'-0"
u202(E)	3'-5"	3'-1"
u203(E)	3'-5"	3'-5"
u204(E)	3'-5"	3'-9"
u205(E)	3'-5"	4'-1"
u206(E)	3'-5"	4'-5"
u207(E)	3'-5"	4'-9"
u208(E)	3'-5"	5'-1"
u209(E)	3'-5"	6'-5"
u210(E)	3'-5"	6'-9"
u211(E)	3'-5"	7'-1"

BARS n200(E), n201(E), n202(E), p200(E), s206(E), s208(E) & s213(E)

A & B DIMENSIONS

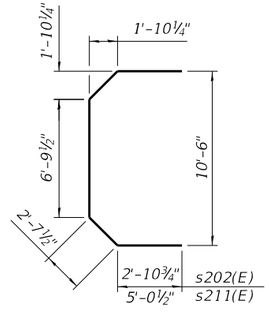
Bar	A	B
n200(E)	13'-0"	2'-0"
n201(E)	15'-0"	2'-0"
n202(E)	11'-6"	1'-2"
p200(E)	45'-8"	7'-7"
s206(E)	6'-8"	0'-6"
s208(E)	6'-2"	0'-6"
s213(E)	4'-8"	3'-7"



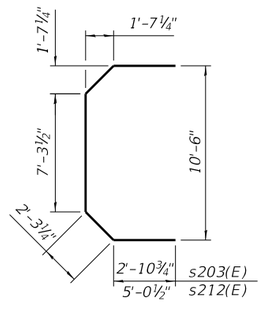
BARS s204(E), s205(E), s210(E) & s214(E)

A DIMENSIONS

Bar	A
s204(E)	10'-6"
s205(E)	9'-3"
s210(E)	9'-0"
s214(E)	5'-8"



BAR s202(E) and s211(E)



BAR s203(E) and s212(E)

BILL OF MATERIAL

Structure Excavation	Cu. Yd.	790	
Concrete Structures	Cu. Yd.	1325.4	
Reinforcement Bars, Epoxy Coated	Pound	282,640	2
Furnishing Steel Piles HP 14x89	Foot	4473	
Driving Piles	Foot	4473	
Test Pile, HP14x89	Each	1	
Concrete Sealer	Sq. Ft.	8426	

	Bar	No.	Size	Length	Shape
	h200(E)	22	#8	53'-10"	
	h201(E)	22	#8	49'-4"	
	h202(E)	14	#8	26'-0"	
	h203(E)	14	#8	24'-2"	
	h204(E)	19	#7	51'-2"	
	h205(E)	19	#7	46'-8"	
	h206(E)	64	#6	31'-0"	
	h207(E)	40	#6	10'-3"	
	h208(E)	8	#6	27'-8"	
	h209(E)	8	#6	20'-5"	
	h210(E)	4	#6	28'-5"	
	h211(E)	4	#6	20'-5"	
	h212(E)	4	#6	12'-5"	
	h213(E)	8	#6	23'-6"	
	h214(E)	4	#6	7'-9"	
	h215(E)	4	#6	32'-10"	
	h216(E)	4	#6	24'-2"	
	h217(E)	4	#6	15'-3"	
	h218(E)	4	#6	7'-0"	
	h219(E)	8	#6	27'-10"	
	h220(E)	4	#6	16'-11"	
	h221(E)	12	#6	9'-4"	
*	n200(E)	204	#11	15'-0"	
*	n201(E)	114	#11	17'-0"	
2	n202(E)	198	#7	12'-8"	
	p200(E)	24	#10	53'-3"	
	p201(E)	22	#10	40'-0"	
	p202(E)	20	#10	35'-0"	
	p203(E)	20	#10	30'-8"	
	p204(E)	24	#10	12'-5"	
	p205(E)	24	#10	12'-6"	
	s200(E)	340	#6	24'-2"	
	s201(E)	120	#6	19'-2"	
*	s202(E)	206	#6	17'-10"	
*	s203(E)	412	#6	17'-8"	
	s204(E)	2289	#5	11'-6"	
	s205(E)	1962	#5	10'-3"	
	s206(E)	1308	#5	7'-2"	
	s207(E)	1308	#5	7'-2"	
	s208(E)	1308	#5	6'-8"	
	s209(E)	1308	#5	6'-8"	
	s210(E)	981	#5	10'-0"	
	s211(E)	14	#6	22'-2"	
	s212(E)	28	#6	21'-11"	
	s213(E)	60	#6	8'-3"	
	s214(E)	288	#5	6'-8"	
	t200(E)	129	#7	20'-0"	
	t201(E)	141	#8	20'-0"	
	u200(E)	284	#6	10'-4"	
2	u201(E)	95	#7	15'-8"	
	u202(E)	9	#6	9'-9"	
	u203(E)	24	#6	10'-3"	
	u204(E)	17	#6	10'-11"	
	u205(E)	24	#6	11'-7"	
	u206(E)	42	#6	12'-3"	
	u207(E)	26	#6	12'-11"	
	u208(E)	7	#6	13'-7"	
	u209(E)	15	#6	16'-5"	
	u210(E)	35	#6	16'-11"	
	u211(E)	9	#6	17'-7"	
*	v200(E)	204	#11	25'-10"	
*	v201(E)	114	#11	23'-10"	
	w200(E)	150	#7	28'-0"	
	w201(E)	84	#8	33'-10"	

*The bar length is to the center of the mechanical splicer. The Contractor shall adjust the length as required for the selected mechanical splicer.

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STATE OF ILLINOIS
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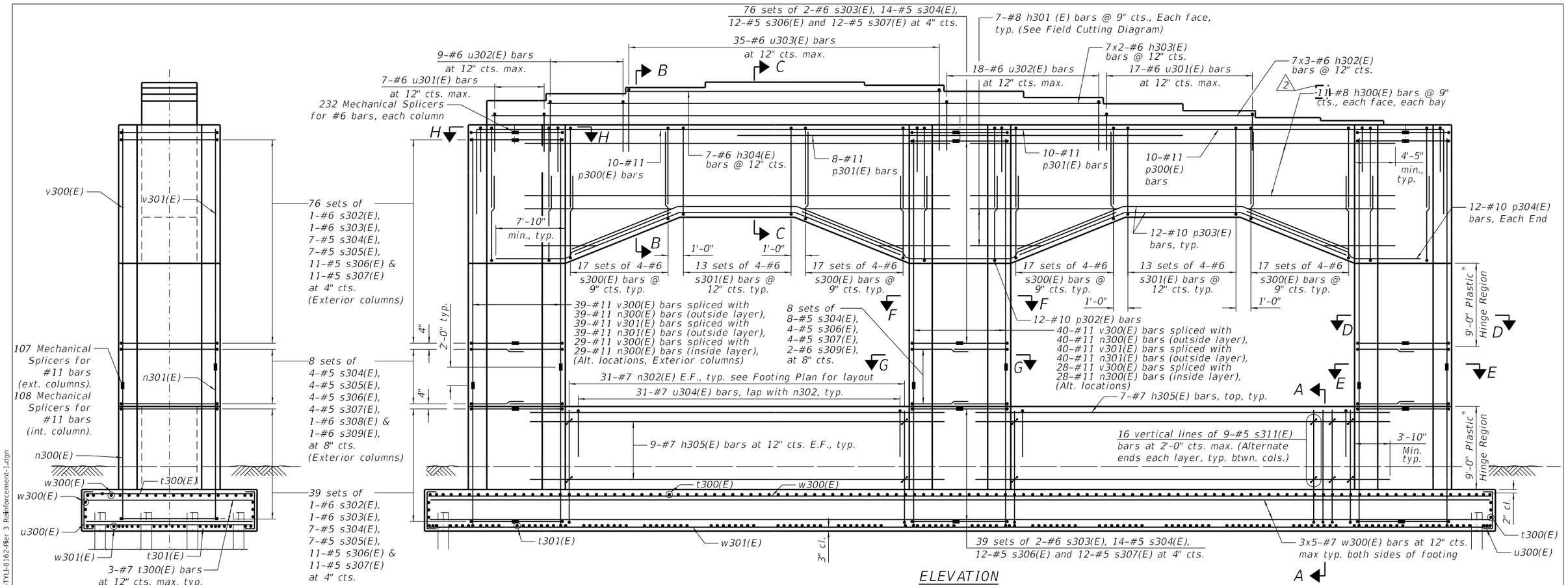
PIER 2 REINFORCEMENT, 4 OF 4
STRUCTURE NO. 090-0180
SHEET S-303A OF 445 SHEETS

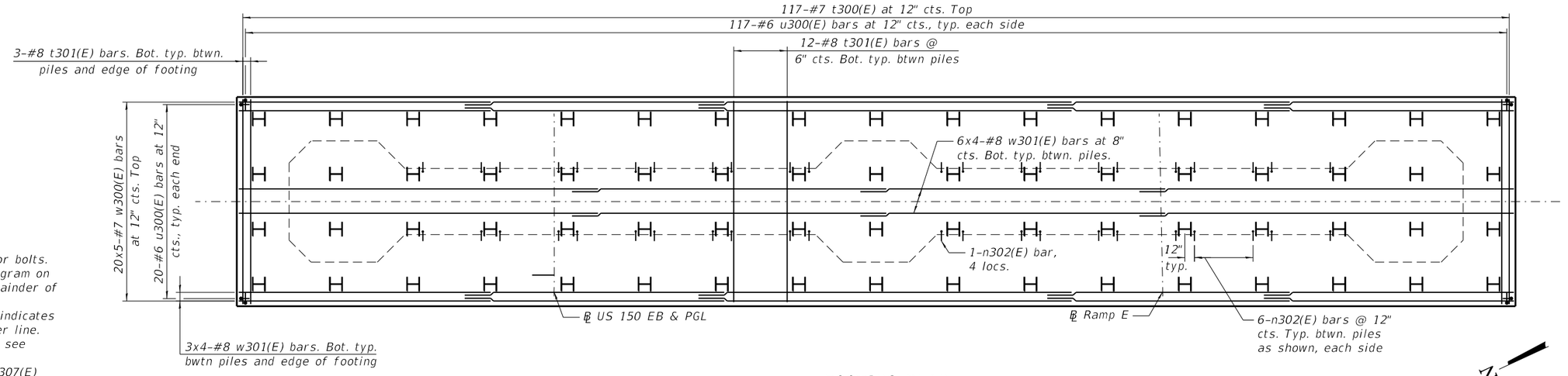
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1212
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			



END VIEW
(Looking South)

ELEVATION
(Looking East)

*Splicing of reinforcement will not be allowed in this area.



FOOTING PLAN

MINIMUM BAR LAP

#5 bar = 3'-9"
#6 bar = 4'-4"
#7 bar = 5'-0"
#8 bar = 5'-1"
#10 bar = 10'-2"
#11 bar = 9'-5"

Notes:
1. Adjust bar spacing to miss anchor bolts.
2. Cut bars according to cutting diagram on Sheet S-309 of 445 and use remainder of bars in opposite face.
3. Bars indicated thus 8x2-#9 etc. indicates 8 lines of bars with 2 lenghts per line.
4. For bar list and Bill of Material, see Sheet S-309 of 445.
5. Alternate ends of s304(E) thru s307(E) bars each layer.

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PLOT DATE = 4/5/2019	CHECKED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 3 REINFORCEMENT, 1 OF 4
STRUCTURE NO. 090-0180
SHEET S-306 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1215
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		

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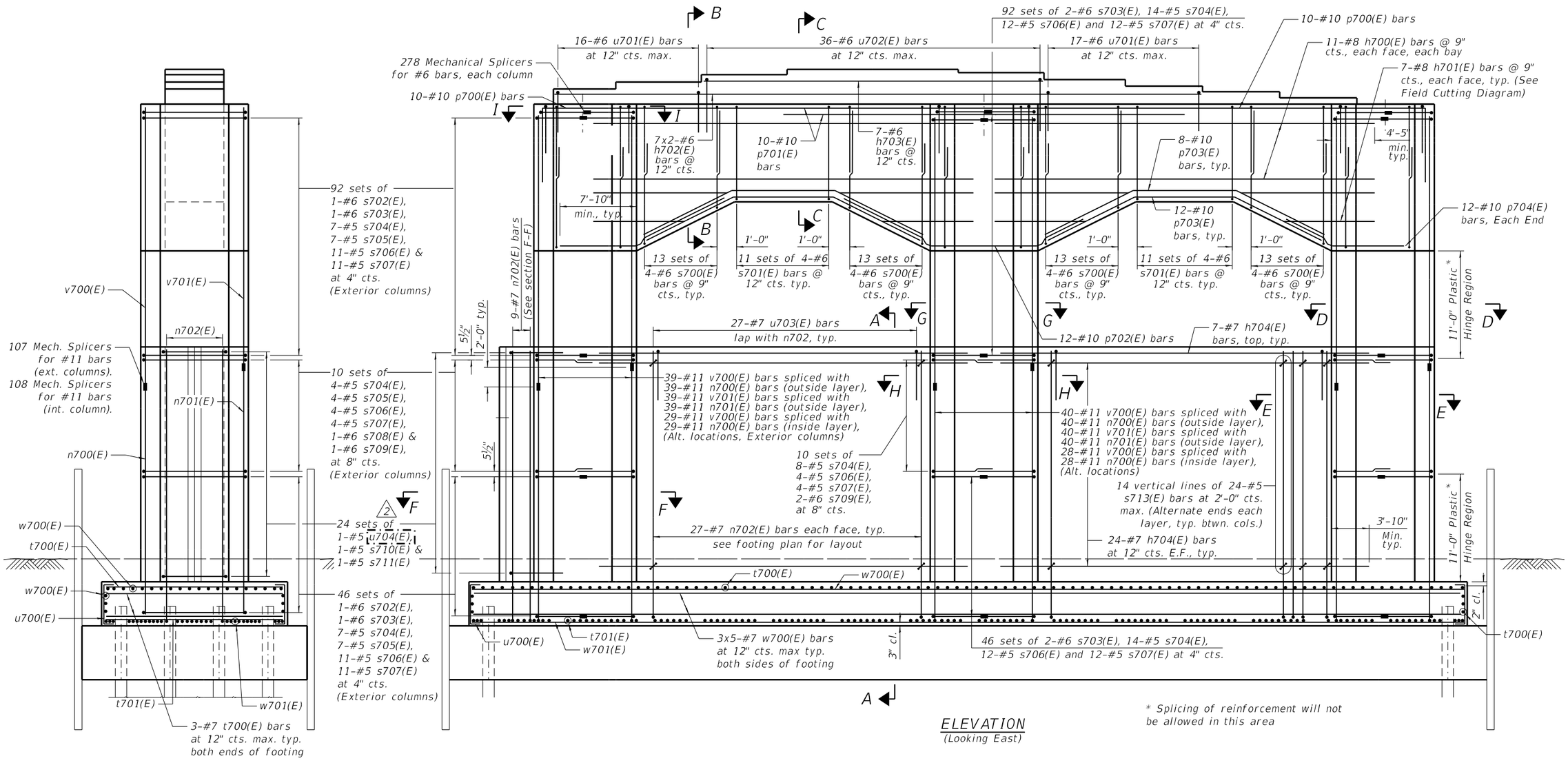

ELEVATION
(Looking South)

ELEVATION
(Looking East)

* Splicing of reinforcement will not be allowed in this area

MINIMUM BAR LAP

#5 bar = 3'-9"
#6 bar = 4'-4"
#7 bar = 5'-0"
#8 bar = 5'-1"
#10 bar (top of cap) = 7'-8"
#10 bar (bot. of cap) = 10'-2"

Notes:
1. Adjust bar spacing to miss anchor bolts.
2. Cut bars according to cutting diagram on Sheet S-333 of 445 and use remainder of bars in opposite face.
3. Bars indicated thus 8x2-#9 etc. indicates 8 lines of bars with 2 lenghts per line.
4. For bar list and Bill of Material, see Sheet S-333 of 445.
5. Alternate ends of s704(E) thru s707(E) bars each layer.

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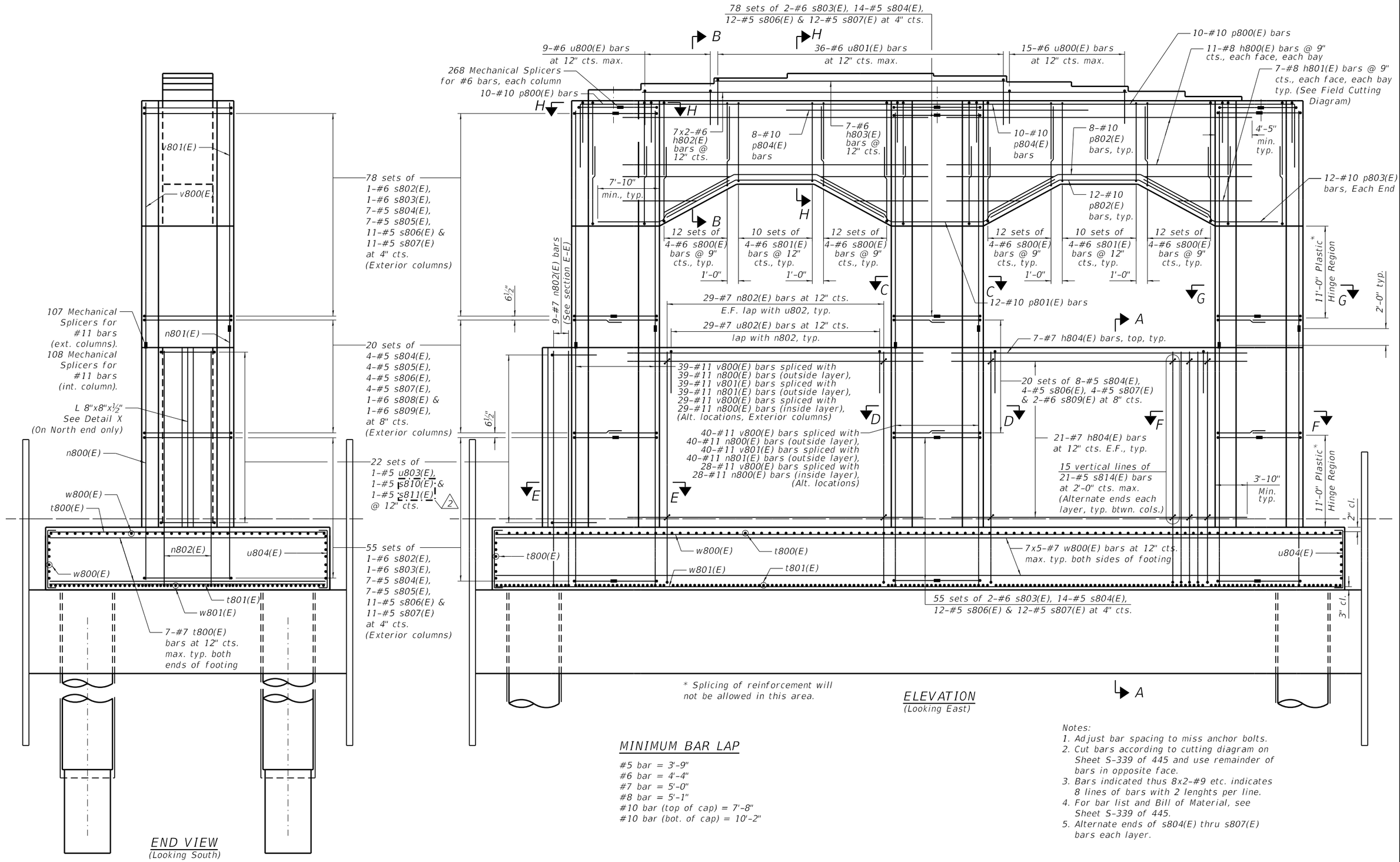
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 7 REINFORCEMENT, 1 OF 4
STRUCTURE NO. 090-0180
SHEET S-330 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1239
		CONTRACT NO. 68B46		
	ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)		



* Splicing of reinforcement will not be allowed in this area.

ELEVATION
(Looking East)

END VIEW
(Looking South)

MINIMUM BAR LAP

#5 bar = 3'-9"
#6 bar = 4'-4"
#7 bar = 5'-0"
#8 bar = 5'-1"
#10 bar (top of cap) = 7'-8"
#10 bar (bot. of cap) = 10'-2"

Notes:
1. Adjust bar spacing to miss anchor bolts.
2. Cut bars according to cutting diagram on Sheet S-339 of 445 and use remainder of bars in opposite face.
3. Bars indicated thus 8x2-#9 etc. indicates 8 lines of bars with 2 lenghts per line.
4. For bar list and Bill of Material, see Sheet S-339 of 445.
5. Alternate ends of s804(E) thru s807(E) bars each layer.

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	CHECKED -	REVISED -	
PLOT SCALE = 10:8.0000 ':' / in.	DRAWN -	REVISED -	
PLOT DATE = 4/5/2019	CHECKED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 8 REINFORCEMENT, 1 OF 4
STRUCTURE NO. 090-0180
SHEET S-336 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1245
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			

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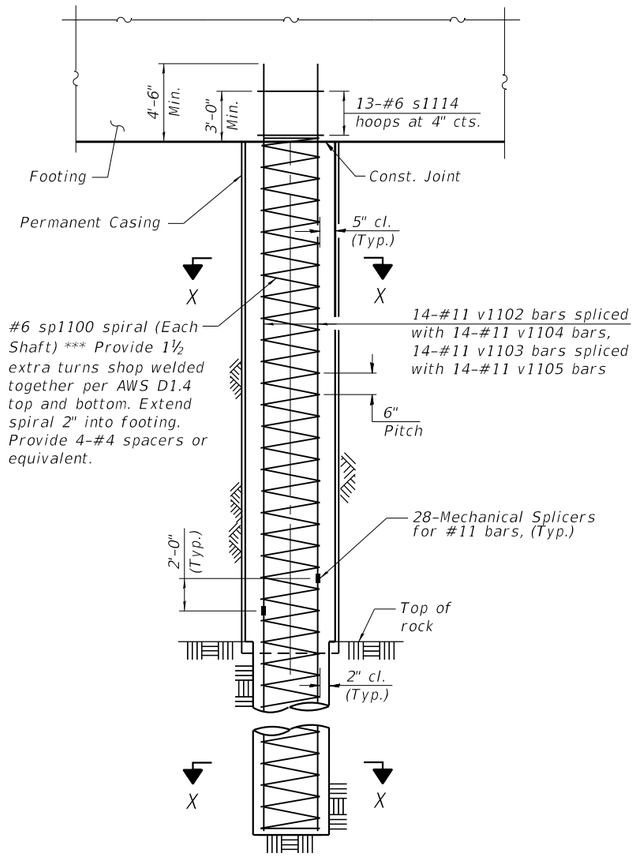
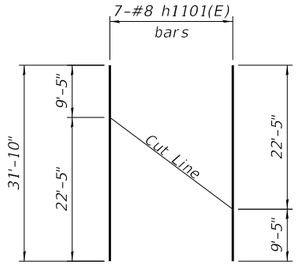


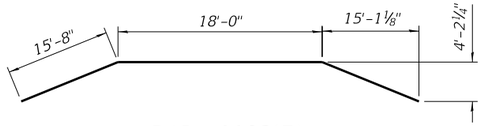
ELEVATION

*** Allowable substitution: Provide 1½ extra turns top and bottom with 135° standard hook into core at ends of spiral.

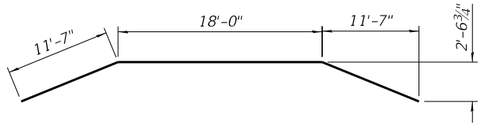


FIELD CUTTING DIAGRAM

Order full length. Cut as shown and use remainder of bars in opposite face.



BAR p1102(E)



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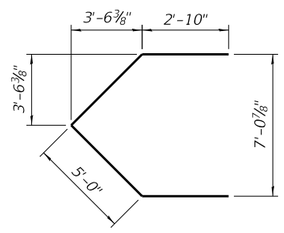
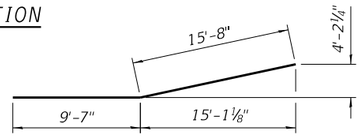
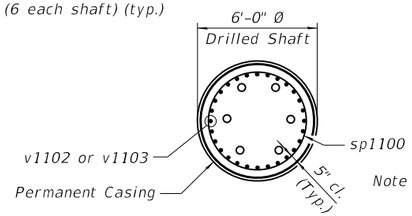


BAR u1103(E)

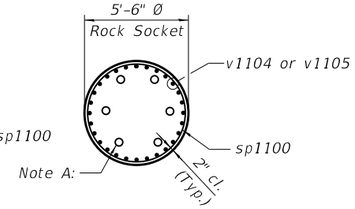


BAR p1103(E)

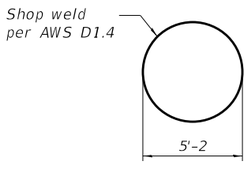
Note A:
2" I.D. Steel pipe for crosshole sonic logging (6 each shaft) (typ.)



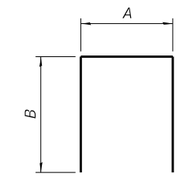
SECTION X-X



SECTION X-X



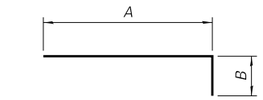
BAR s1114



BAR s1100(E), s1101(E), s1102(E), u1100(E), u1101(E), u1102(E) & u1104(E)

A & B DIMENSIONS

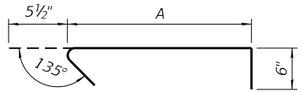
Bar	A	B
s1100(E)	3'-9"	9'-6"
s1101(E)	3'-9"	8'-2"
s1102(E)	3'-9"	7'-0"
u1100(E)	5'-8"	3'-1"
u1101(E)	5'-8"	3'-5"
u1102(E)	5'-8"	5'-9"
u1104(E)	7'-0"	2'-11"



BARS n1100(E), n1101(E), n1102(E), s1106(E), s1108(E) s1115(E), p1100(E) & p1101(E)

A & B DIMENSIONS

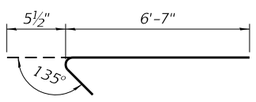
Bar	A	B
n1100(E)	36'-4"	2'-0"
n1101(E)	38'-4"	2'-0"
n1102(E)	28'-0"	1'-4"
s1106(E)	6'-7"	0'-6"
s1108(E)	7'-0"	0'-6"
s1115(E)	4'-8"	4'-1"
p1100(E)	43'-6"	9'-2"
p1101(E)	31'-0"	9'-2"



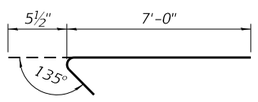
BARS s1105(E), s1112(E), s1113(E) & s1116(E)

A DIMENSION

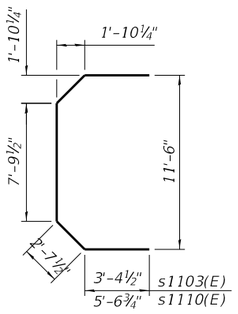
Bar	A
s1105(E)	11'-6"
s1112(E)	1'-4"
s1113(E)	4'-2"
s1116(E)	5'-8"



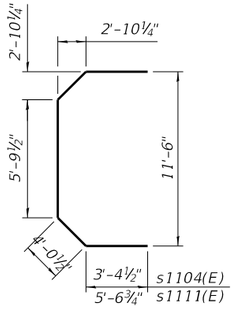
BARS s1107(E)



BARS s1109(E)



BARS s1103(E) and s1110(E)



BARS s1104(E) and s1111(E)

* Length is height of spiral. Minimum lap for spirals = 2'-7"

** The bar length is to the center of the mechanical splicer. The Contractor shall adjust the length as required for the selected mechanical splicer.

BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	h1100(E)	44	#8	31'-5"	
	h1101(E)	14	#8	31'-10"	
	h1102(E)	14	#6	21'-11"	
	h1103(E)	7	#6	8'-0"	
	h1104(E)	98	#8	34'-4"	
	h1105(E)	8	#6	10'-7"	
**	n1100(E)	124	#11	38'-4"	
**	n1101(E)	124	#11	40'-4"	
	n1102(E)	121	#8	29'-4"	
	p1100(E)	20	#11	52'-8"	
	p1101(E)	16	#11	40'-2"	
2	p1102(E)	24	#11	49'-4"	
	p1103(E)	24	#11	25'-3"	
	p1104(E)	10	#11	41'-2"	
	p1105(E)	24	#11	15'-7"	
	s1100(E)	232	#6	22'-9"	
	s1101(E)	144	#6	20'-3"	
	s1102(E)	76	#6	19'-2"	
**	s1103(E)	284	#6	19'-10"	
**	s1104(E)	284	#6	20'-8"	
	s1105(E)	4410	#5	12'-6"	
	s1106(E)	978	#5	7'-1"	
	s1107(E)	978	#5	7'-1"	
	s1108(E)	1392	#5	7'-6"	
	s1109(E)	1392	#5	7'-6"	
	s1110(E)	66	#5	24'-2"	
	s1111(E)	66	#5	25'-0"	
	s1112(E)	21	#5	2'-4"	
	s1113(E)	21	#5	5'-2"	
	s1114	130	#6	16'-3"	
	s1115(E)	44	#6	8'-9"	
	s1116(E)	588	#5	6'-8"	
2 *	sp1100	10	#6	56'-6"	
	t1100(E)	105	#7	33'-6"	
	t1101(E)	196	#11	33'-6"	
	u1100(E)	32	#6	11'-10"	
	u1101(E)	9	#6	12'-6"	
	u1102(E)	55	#8	17'-2"	
	u1103(E)	21	#5	15'-8"	
	u1104(E)	252	#6	12'-10"	
**	v1100(E)	124	#11	32'-11"	
**	v1101(E)	124	#11	30'-11"	
**	v1102	140	#11	36'-0"	
**	v1103	140	#11	34'-0"	
**	v1104	140	#11	25'-4"	
**	v1105	140	#11	27'-4"	
	w1100(E)	196	#7	26'-2"	
	w1101(E)	114	#9	33'-10"	

Concrete Structures	Cu. Yd.	1875.9
Permanent Casing	Foot	494
Reinforcement Bars	Pound	124,440
2 Reinforcement Bars, Epoxy Coated	Pound	348,440
Drilled Shaft in Soil	Cu.Yd.	505.3
Drilled Shaft in Rock	Cu.Yd.	105.6
Cofferdam Excavation	Cu. Yd.	2250
Cofferdam (Type 2) (Location-11)	Each	1
Crosshole Sonic Logging Access Ducts	Foot	3,780
Seal Coat Concrete	Cu. Yd.	1,323.0
Crosshole Sonic Logging Testing	Each	1

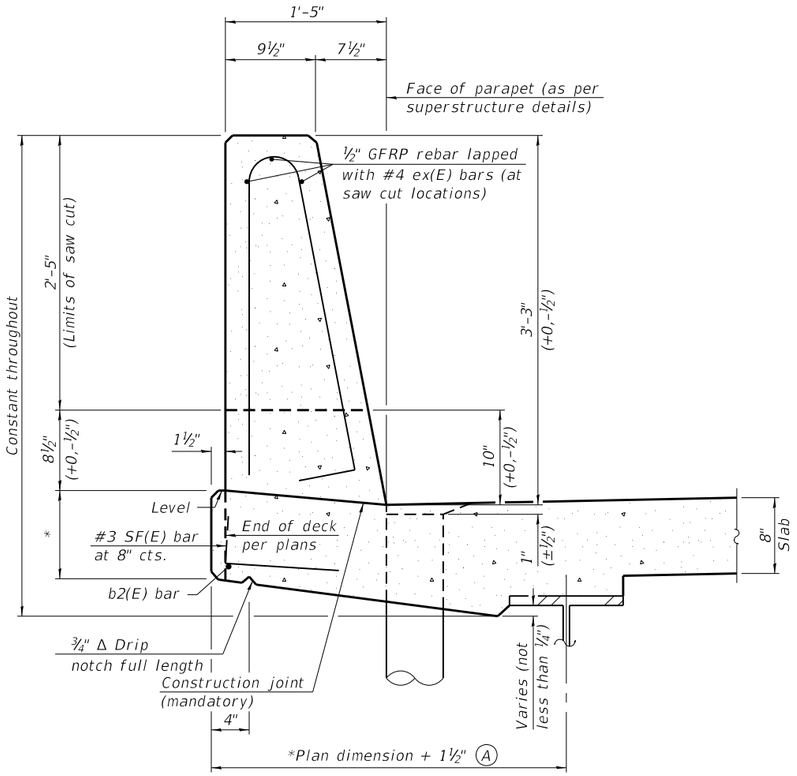
TYLIN INTERNATIONAL
200 S. WACKER DR.
SUITE 1400
CHICAGO, IL 60606
TEL: 312-777-2900

USER NAME = spantazis	DESIGNED -	REVISED - 2 4/16/2019 S.P.	
	CHECKED - CTH	REVISED -	
PLOT SCALE = 10.8.0000 ':' / in.	DRAWN -	REVISED -	
PLOT DATE = 4/5/2019	CHECKED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

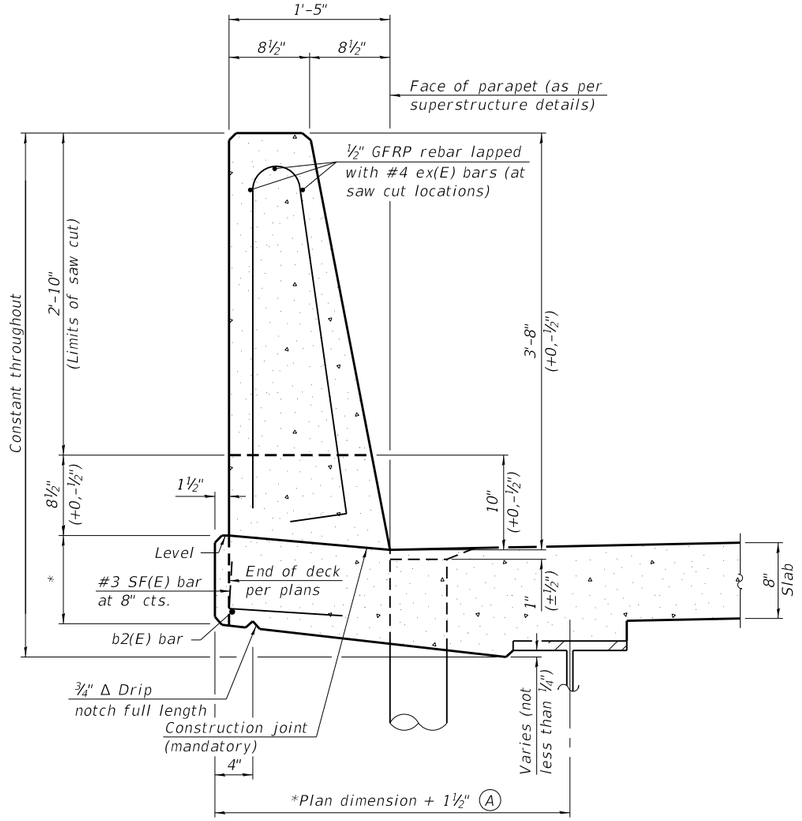
PIER 11 REINFORCEMENT, 3 OF 3
STRUCTURE NO. 090-0180
SHEET S-354 OF 445 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR	PEO/TAZ	1361	1263
		CONTRACT NO. 68B46		
	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)			



39" CONSTANT-SLOPE PARAPET SECTION

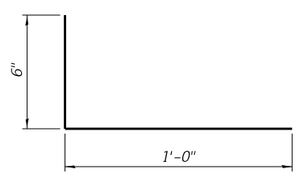
(Showing dimensions, d(E), and ½" Ø GFRP rebar)



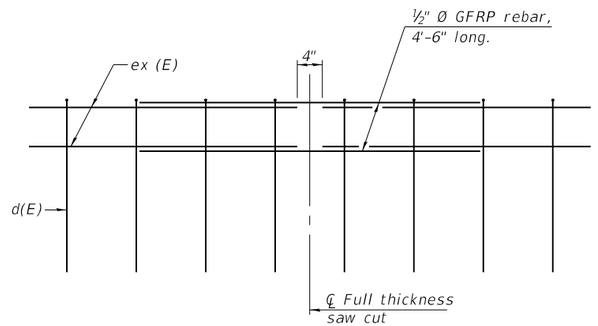
44" CONSTANT-SLOPE PARAPET SECTION

(Showing dimensions, d(E), and ½" Ø GFRP rebar)

*See Superstructure Details.



#3 (E) BAR



GFRP REBAR STIFFENING DETAIL

(Place as shown in parapet section at each parapet joint location.)

GENERAL NOTES

All dimensions shall remain the same as shown on superstructure details, except dimension A which is to be revised as shown. Additional concrete needed to revise dimension A = 0.00348 cu. yds./ft. for 39" and 44" parapets.

Place full depth aluminum sheets as shown on superstructure details.

Replace all cork joint filler locations with a full thickness saw cut.

Steel superstructure shown. Other superstructure types similar.

SFP 39-44 1-14-2019

2 Entire Sheet Revised

TYLIN INTERNATIONAL 200 S. WACKER DR. SUITE 1400 CHICAGO, IL 60606 TEL: 312-777-2900	USER NAME = spantazis	DESIGNED -	REVISED - 2 4/16/2019 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE PARAPET SLIPFORMING OPTION STRUCTURE NO. 090-0180
		CHECKED -	REVISED -		
	PLOT SCALE = 0:2.0000 ':' / in.	DRAWN -	REVISED -		SHEET S-433 OF 445 SHEETS
	PLOT DATE = 4/4/2019	CHECKED -	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR)BR	PEO/TAZ	1361	1342
			CONTRACT NO. 68B46	
		ILLINOIS	FED. AID PROJECT NHPP-YRP3(905)	

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