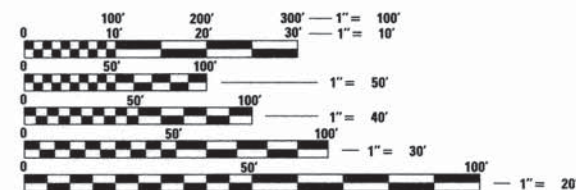


06-10-2016 LETTING ITEM 211

INDEX OF SHEETS

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3-3A	SUMMARY OF QUANTITIES
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
FEDERAL AID HIGHWAY
F.A.S. RTE. 1355 (C.H. 15) & F.A.S. RTE. 268 (C.H. 4)
LA SALLE COUNTY
SECTION 13-00323-00-SP
PROJECT NO. HSIP0268(112)
INTERSECTION SAFETY IMPROVEMENT
C-93-040-13



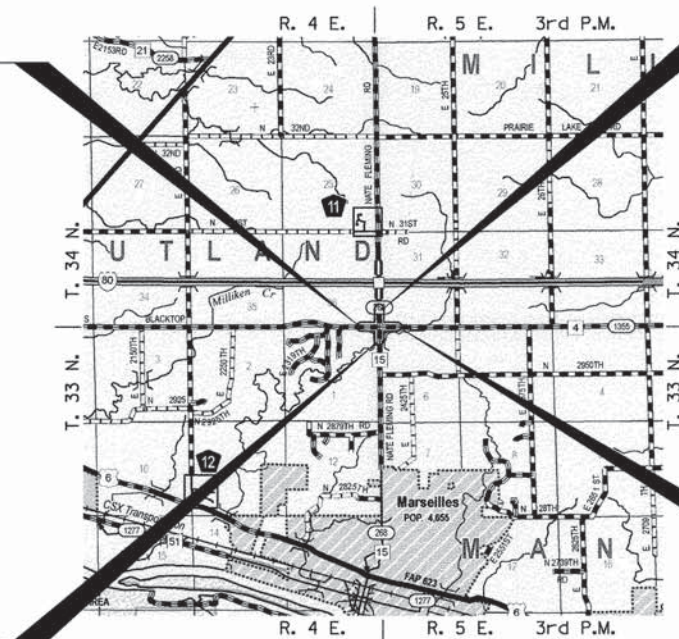
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 87546

BEGIN IMPROVEMENT
F.A.S. RTE. 268 (C.H. 4)
STA 189 + 33.00

BEGIN IMPROVEMENT
F.A.S. RTE. 1355 (C.H. 15)
STA 12 + 69.00

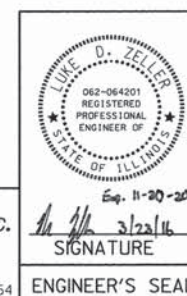


END IMPROVEMENT
F.A.S. RTE. 1355 (C.H. 15)
STA 29 + 62.00

END IMPROVEMENT
F.A.S. RTE. 268 (C.H. 4)
STA 210 + 75.00

F.A.S. RTE. 1355 (C.H. 15) NET LENGTH OF PROJECT = 1,693 FEET = 0.321 MILES
F.A.S. RTE. 268 (C.H. 4) NET LENGTH OF PROJECT = 2,142 FEET = 0.406 MILES

Hutchinson Engineering, Inc.
Jacksonville - Peoria - Shorewood
Since 1945
2016 JOB #3454



+ 1 = 58

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	13-00323-00-SP	LA SALLE	57	1
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT NO. 87546	
* 1355 & 268				



DESIGN CLASSIFICATION:
F.A.S. 1355 (C.H. 15) = COLLECTOR
F.A.S. 268 (C.H. 4) = COLLECTOR
CURRENT ADT (2011):
F.A.S. 1355 (C.H. 15) = 4500
F.A.S. 268 (C.H. 4) = 1800
DESIGN ADT (2015):
F.A.S. 1355 (C.H. 15) = 5010
F.A.S. 268 (C.H. 4) = 1940
DESIGN SPEED:
F.A.S. 1355 (C.H. 15) = 60 MPH
F.A.S. 268 (C.H. 4) = 60 MPH

PLANS DESIGNED IN ACCORDANCE WITH BUREAU OF LOCAL ROADS AND STREETS MANUAL GUIDELINES FOR TWO LANE RURAL COLLECTORS - RECONSTRUCTION

APPROVED 3-24 2016
Laurence J. Kuehn
LA SALLE COUNTY ENGINEER

PASSED 4-5 2016
Dan B. E.
DISTRICT THREE ENGINEER OF
LOCAL ROADS & STREETS

Released For
Bld Based on
Limited Review 4-5 2016
Paul A. Lortie
REGION TWO ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. HE WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.

THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.

THE LOCATIONS OF KNOWN UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THESE UTILITIES AND THE EXISTENCE AND LOCATION OF ANY UTILITY NOT SHOWN ON THE PLANS.

THE CONTRACTOR SHALL NOTIFY THE UTILITIES AT LEAST TEN (10) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
1. AMERENIP
2. NICOR GAS
3. AT&T
4. MTCO COMMUNICATIONS

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.

IF ANY LOOSE MATERIAL IS DEPOSITED DURING CONSTRUCTION OPERATIONS IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT IT RESTRICTS THE NATURAL FLOW OF WATER, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THIS CONTRACT.

ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, NEW OR EXISTING, DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

EXISTING PAVEMENT, SIDEWALK, DRIVEWAY PAVEMENT, CURB AND GUTTER AND EXISTING DRAINAGE STRUCTURES NOT INCLUDED IN THE PLANS FOR REMOVAL, BUT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

TRAFFIC SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC ON THE ROADWAY AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE RESET BEFORE THE ROADWAY IS OPEN TO TRAFFIC. COST OF SUCH WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL EXISTING GRANULAR MATERIAL AND HOT-MIX ASPHALT MATERIALS TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE UNIT PRICE FOR EARTH EXCAVATION. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT MATERIAL BY GRINDING OR EXCAVATING THE MATERIAL. IF THE HOT-MIX ASPHALT MATERIAL IS REMOVED BY EXCAVATION, NO SUCH MATERIAL MAY BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER.

EXCAVATION FOR PLACEMENT OF RIPRAP SHALL BE INCLUDED IN THE COST OF THE RIPRAP.

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

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING SUB-BASE GRANULAR MATERIAL.

UTILITY POLES, PEDESTALS, MANHOLES AND FIRE HYDRANTS TO REMAIN IN PLACE SHALL NOT BE DISTURBED BY THE CONTRACTOR. FINISHING AROUND THESE POLES, PEDESTALS, MANHOLES OR HYDRANTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR CLASS II VESTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE REMOVAL AND DISPOSAL OF ALL FENCING, DELINEATORS, DEBRIS, BRUSH, RIPRAP, STONE, CONCRETE SLABS, TILE, TILE OUTLET HEADWALLS, ETC. NOT PAID SPECIFICALLY ON THE PLANS WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS/CU YD	
BITUMINOUS MATERIALS PRIME COAT	0.08 GAL/SQ YD OR	
	0.375 GAL/SQ YD	
AGGREGATE PRIME COAT	0.002 TONS/SQ YD	
HOT-MIX ASPHALT SURFACE COURSE	112 LBS/SQ YD/INCH	
HOT-MIX ASPHALT BINDER COURSE	115 LBS/SQ YD/INCH	
LEVELING BINDER (MACHINE METHOD)	112 LBS/SQ YD/INCH	
NITROGEN FERTILIZER NUTRIENT	60 LBS/ACRE (SODDING)	90 LBS/ACRE (SEEDING)
PHOSPHORUS FERTILIZER NUTRIENT	60 LBS/ACRE (SODDING)	90 LBS/ACRE (SEEDING)
POTASSIUM FERTILIZER NUTRIENT	60 LBS/ACRE (SODDING)	90 LBS/ACRE (SEEDING)

LIST OF STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HOT-MIX SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" THROUGH 72" EQUIVALENT DIAMETER
542311-06	TRAVERSABLE PIPE GRATE
602301-04	INLET - TYPE A
604001-04	FRAME AND LIDS TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901-05	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	PRISMATIC CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
821101-01	LUMINAIRE WIRING DIAGRAM
825001-03	LIGHTING CONTROLLER POLE MOUNTED, 240V
830006-03	LIGHT POLE ALUMINUM DAVIT ARM
836001-02	LIGHT POLE FOUNDATION
838001	BREAKAWAY DEVICES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
B.L.R. 18-6	TRAFFIC CONTROL DEVICES- DAY LABOR MAINTENANCE

LEGEND

	HOT-MIX ASPHALT BUTT JOINT
	EQORS EQUIVALENT ROUND-SIZE
	PROPOSED DITCH FLOW

FILE NAME = V:\3454\CADD Sheets\3454-sht-gennote.dgn	USER NAME = bdecreane	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H.15 & C.H. 4 LIST OF STANDARDS, GENERAL NOTES & LEGEND				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						*	13-00323-00-SP	LA SALLE	57	2
		PLOT SCALE = 1,000' / 1" =	CHECKED -		REVISED -	*1355 & 268		CONTRACT NO. 87546					
		PLOT DATE = 3/29/2016	DATE -		REVISED -	SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A				
					ILLINOIS FED. AID PROJECT HSIP0268(112)								

SUMMARY OF QUANTITIES									
SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	CONSTRUCTION CODE 0004	SPECIAL PROVISION	CODE NO.	DESCRIPTION	UNIT	CONSTRUCTION CODE 0004
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	29	SP	54263442	CONCRETE END SECTION, STANDARD 542011, 42", 1:4	EACH	2
	20200100	EARTH EXCAVATION	CU YD	3214	SP	54390140	INSERTION CULVERT LINER 18"	FOOT	52
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10	SP	60100935	PIPE DRAINS 10"	FOOT	114
SP	20700220	POROUS GRANULAR EMBANKMENT	CU YD	30		60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1
	20800150	TRENCH BACKFILL	CU YD	170		60600095	CLASS SI CONCRETE (OUTLET)	CU YD	2
	25000210	SEEDING, CLASS 2A	ACRE	2.75		60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	199
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	231		60622800	CONCRETE MEDIAN, TYPE SM-6.12	SQ FT	316
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	231		66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	7
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	231		67100100	MOBILIZATION	L SUM	1
SP	25100115	MULCH, METHOD 2	ACRE	4.25	SP	70300100	SHORT TERM PAVEMENT MARKING	FOOT	407
	25100630	EROSION CONTROL BLANKET	SQ YD	5486	SP Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	70
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	451	SP Δ	73000100	WOOD SIGN SUPPORT	FOOT	168
	28000305	TEMPORARY DITCH CHECKS	FOOT	324	Δ	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	14957
	28000400	PERIMETER EROSION BARRIER	FOOT	1045	Δ	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	28
	28000500	INLET AND PIPE PROTECTION	EACH	2	Δ	78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	145
	28100105	STONE RIPRAP, CLASS A3	SQ YD	364	Δ	78200300	PRISMATIC CURB REFLECTOR	EACH	14
	28100107	STONE RIPRAP, CLASS A4	SQ YD	55	SP Δ	80500100	SERVICE INSTALLATION, TYPE A	EACH	1
	28200200	FILTER FABRIC	SQ YD	419	SP Δ	81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	22
	31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	965	SP Δ	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	50
	35600702	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"	SQ YD	769	SP Δ	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	271
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9234	SP Δ	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1644
	40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5 FG, N50	TON	539	SP Δ	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	27
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	759	Δ	81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	72
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	915	Δ	81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	35
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	29	SP Δ	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	10
	42001300	PROTECTIVE COAT	SQ YD	102	Δ	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	430
	44000100	PAVEMENT REMOVAL	SQ YD	36	SP Δ	82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1
	44004000	PAVED DITCH REMOVAL	FOOT	44	Δ	83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	2
	44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	64	Δ	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	13
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	1163	Δ	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	1
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	538	SP Δ	85800100	FLASHER CONTROLLER	EACH	1
SP	50105220	PIPE CULVERT REMOVAL	FOOT	255	Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2707
	50800105	REINFORCEMENT BARS	POUND	2530	Δ	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	15
	54002020	EXPANSION BOLTS 3/4 INCH	EACH	28	Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2123
	54003000	CONCRETE BOX CULVERTS	CU YD	14.2	Δ	88030012	SIGNAL HEAD, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	6
	542A5497	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	114	Δ	89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
SP	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	26	SP	Z0005305	BOX CULVERTS TO BE CLEANED	FOOT	36
SP	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	60	SP	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	54260311	TRAVERSABLE PIPE GRATE	FOOT	67	SP	Z0032900			

LA SALLE COUNTY

SCALE: N/A	SHEET NO. 1 OF 2 SHEETS	STA. N/A	TO STA. N/A
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	13-00323-00-SP	LA SALLE	57	3
*1355 & 268		CONTRACT NO. 87546		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT HSIP0268(112)		

[illegible]

USER NAME	= bdecrone
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USER NAME	= bdecrone
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DESIGNED -

DRAWN	-
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CHECKED	-
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DATE	-
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DATE	-
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LA SALLE COUNTY

C.H. 15 & C.H. 4 SUMMARY OF QUANTITIES

TO STA. N/A

SECTION

TOTAL	SHEET
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SECTION

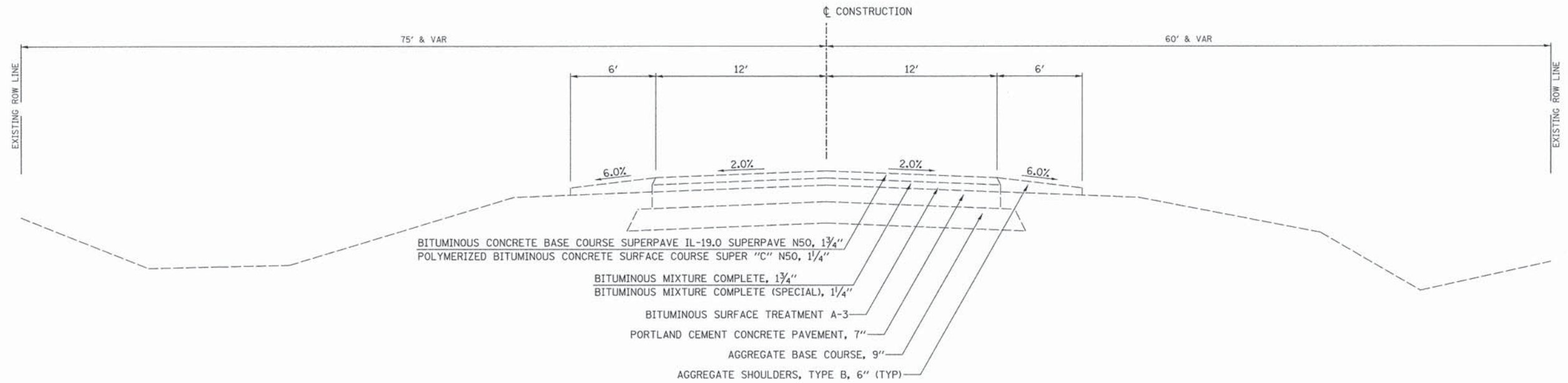
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53	34

FF 8 268

57	3A
NO	87E4E

NO.	ILLINOIS
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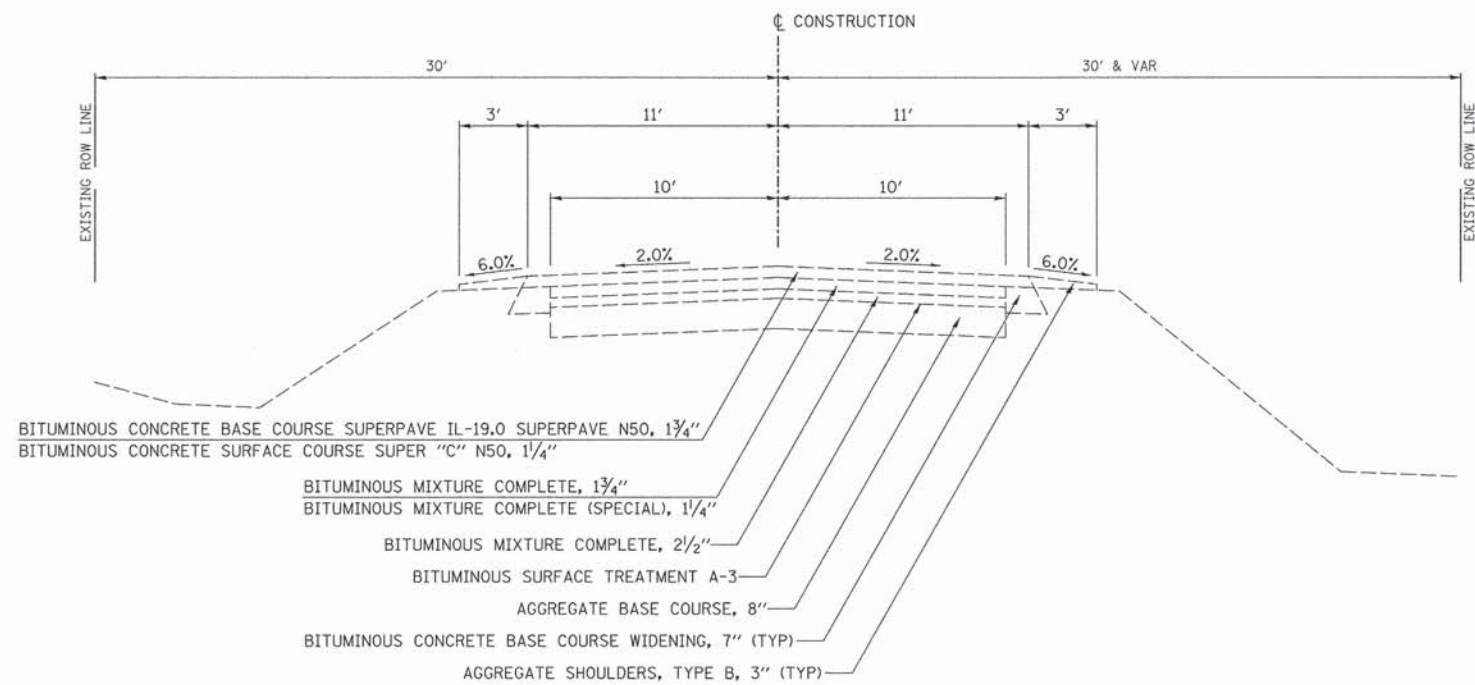
268(112)



EXISTING TYPICAL SECTION

C.H. 15

STA 12+69 TO STA 29+62

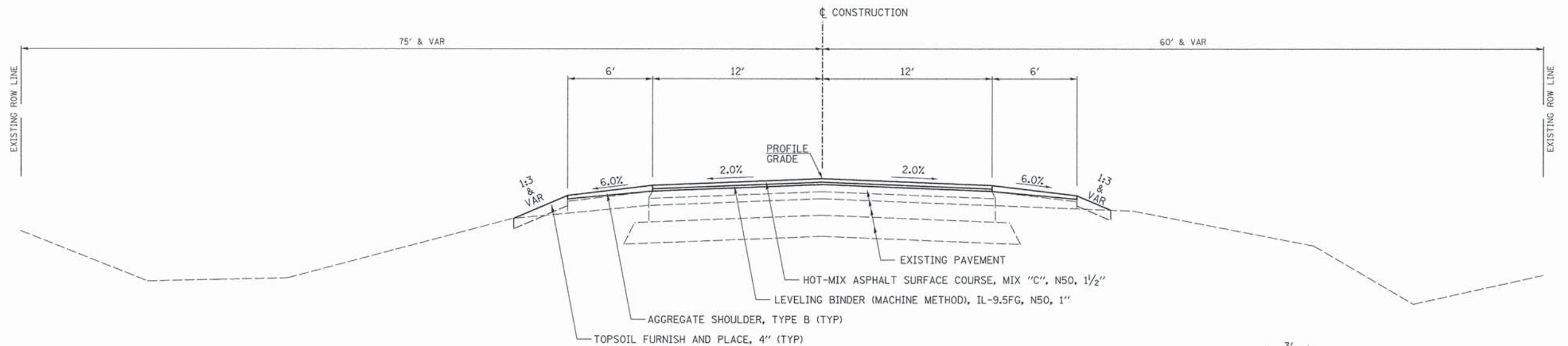


EXISTING TYPICAL SECTION

C.H. 4

STA 189+33 TO STA 210+75

FILE NAME =	USER NAME = bdearsene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 EXISTING TYPICAL SECTION		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sht-typical-1.dgn		DRAWN -	REVISED -				*	13-00323-00-SP	LA SALLE	57	4
	PLOT SCALE = 4.000' / 1" =	CHECKED -	REVISED -					*1355 & 268			CONTRACT NO. 87546
	PLOT DATE = 3/17/2016	DATE -	REVISED -								ILLINOIS FED. AID PROJECT HSIP0268(12)
				SCALE: N/A		SHEET NO. 1 OF 4 SHEETS		STA. N/A TO STA. N/A			



MIXTURES TABLE

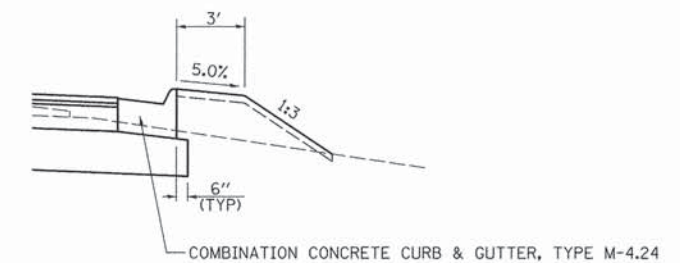
	HMA BASE COURSE WIDENING	HMA LEVEL BINDER	HMA SURFACE	INCIDENTAL HMA	HMA SHOULDERS TOP LIFT	HMA SHOULDERS BOTTOM LIFT
PG GRADE **	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0FG	IL 9.5FG	IL 9.5	IL 9.5	IL 9.5	IL 19.0FG
FRICTION AGGREGATE			MIXTURE C	MIXTURE C		
DENSITY TEST METHOD	CORES	LR 1030	LR 1030	SAT OF ENG	LR 1030	CORES

- * MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.
- ** WHEN RAP/RAS ABA EXCEEDS 20 PERCENT, THE HIGH AND LOW VIRGIN ASPHALT BINDER GRADES SHALL EACH BE REDUCED BY ONE GRADE (I.E. 25% ABR WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG 64-22 TO BE REDUCED TO PG 58-28).

PROPOSED TYPICAL SECTION

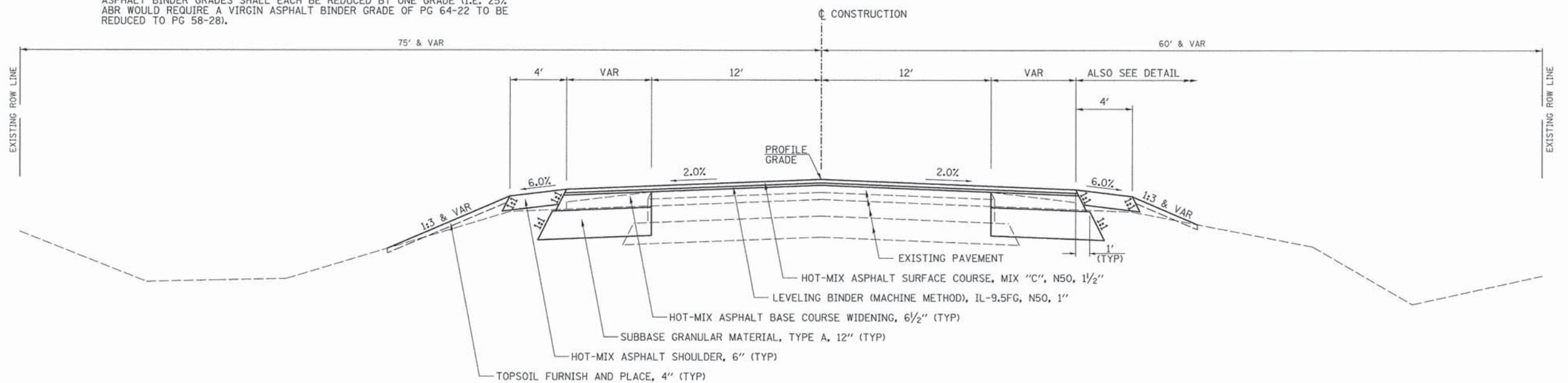
C.H. 15

STA 12+69 TO STA 18+70.2
STA 21+28.7 TO STA 29+62



DETAIL

STA 19+18 TO STA 19+80

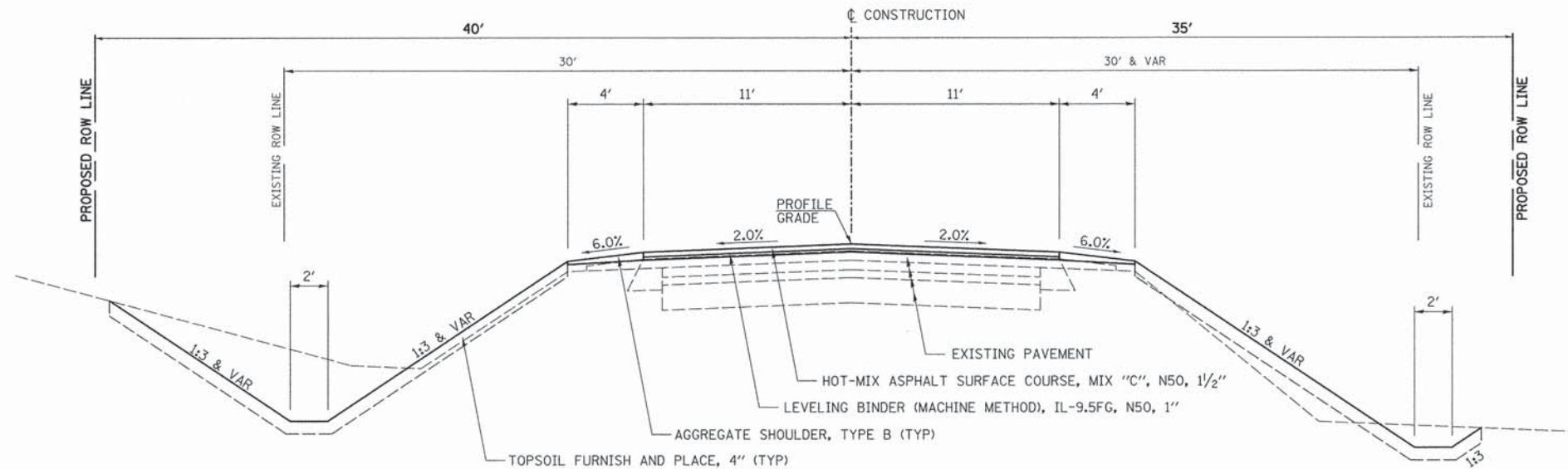


PROPOSED TYPICAL SECTION

C.H. 15

STA 18+70.2 TO STA 21+28.7

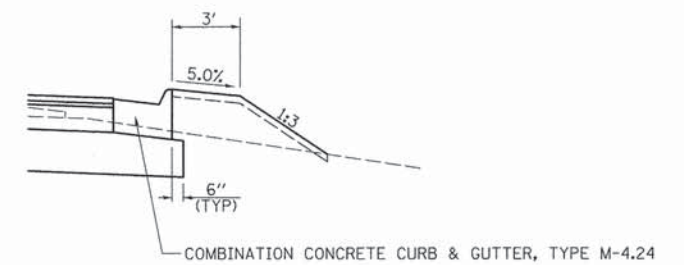
FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 15 PROPOSED TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sht-typical-2.dgn		DRAWN -	REVISED -				*	13-00323-00-SP	LA SALLE	57	5
	PLOT SCALE = 4.000000' / 1"	CHECKED -	REVISED -					*1355 & 268			CONTRACT NO. 87546
	PLOT DATE = 3/17/2016	DATE -	REVISED -								(ILLINOIS) FED. AID PROJECT HSIP0268(112)



PROPOSED TYPICAL SECTION

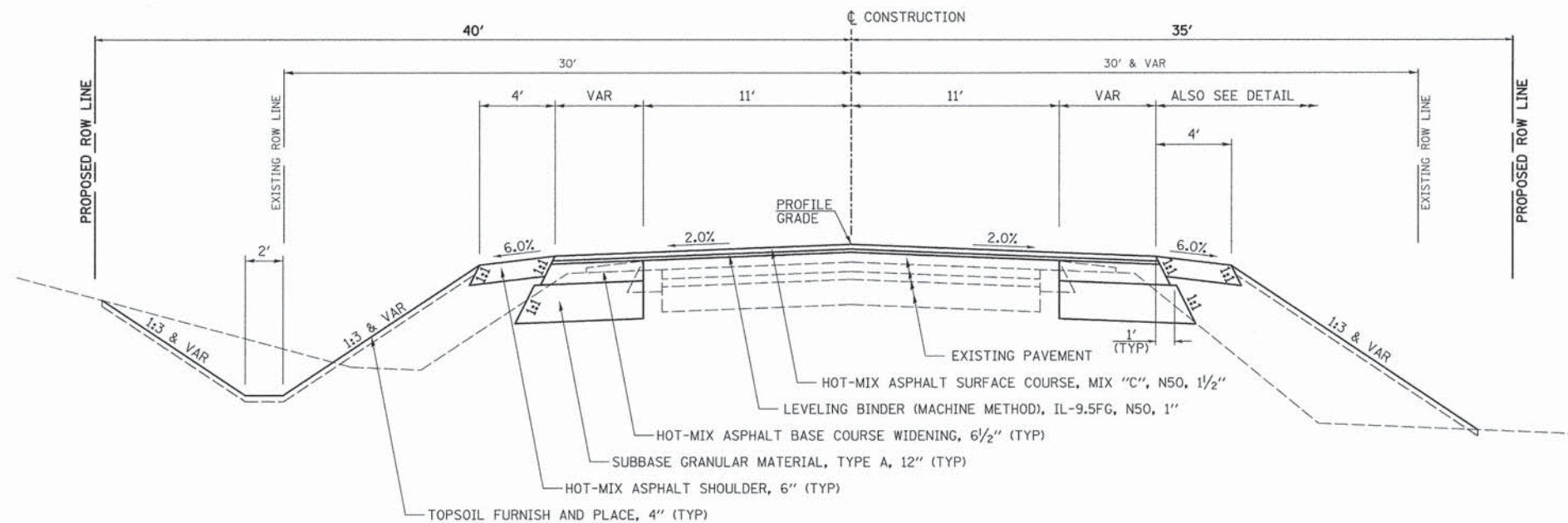
C.H. 4

STA 189+33 TO STA 197+29.3
STA 202+73 TO STA 210+75



DETAIL

STA 200+17 TO STA 201+97

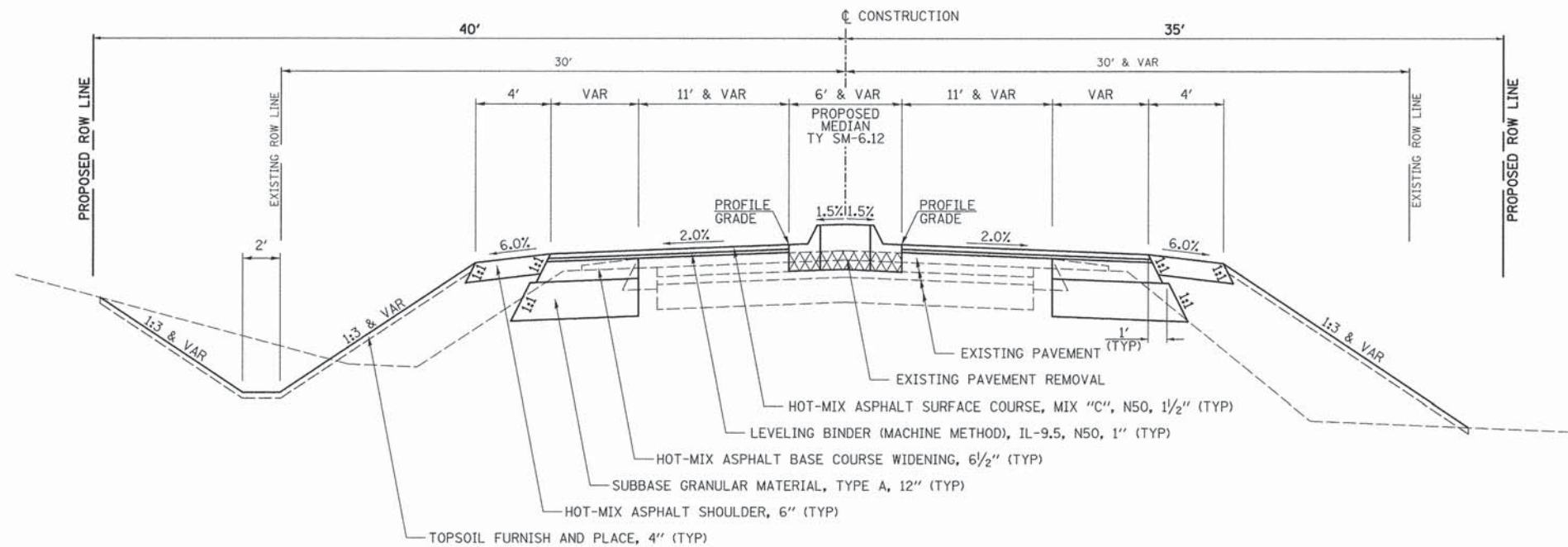


PROPOSED TYPICAL SECTION

C.H. 4

STA 197+29.3 TO STA 199+30.31
STA 199+59.31 TO STA 200+40.67
STA 200+69.67 TO STA 202+73

FILE NAME =	USER NAME = bdecreene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 4 PROPOSED TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sh-typical-3.dgn		DRAWN -	REVISED -				*	13-00323-00-SP	LA SALLE	57	6
	PLOT SCALE = 4.000000' / 1" =	CHECKED -	REVISED -					*1355 & 268			CONTRACT NO. 87546
	PLOT DATE = 3/17/2016	DATE -	REVISED -								ILLINOIS FED. AID PROJECT HSIP0268(112)
				SCALE: N/A		SHEET NO. 3 OF 4 SHEETS	STA. N/A TO STA. N/A				



PROPOSED TYPICAL SECTION

C.H. 4

STA 199+30.31 TO STA 199+59.31
STA 200+40.67 TO STA 200+69.67

FILE NAME =	USER NAME = bdecreene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 4 PROPOSED TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sht-typical-4.dgn		DRAWN -	REVISED -				*	13-00323-00-SP	LA SALLE	57	7
	PLOT SCALE = 4.000000' / 1in.	CHECKED -	REVISED -					*1355 & 268			CONTRACT NO. 87546
	PLOT DATE = 3/17/2016	DATE -	REVISED -								ILLINOIS FED. AID PROJECT HSIP0268(112)
				SCALE: N/A		SHEET NO. 4 OF 4 SHEETS	STA. N/A TO STA. N/A				

EARTHWORK						
1			2	3	4	5
STATION	TO	STATION	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
			CU YD			
C.H. 15						
12+69	TO	29+62	970	728	441	287
C.H. 4						
190+00	TO	209+75	2244	1683	1716	-33
TOTAL			3214	2411	2157	254
SHRINKAGE FACTOR:			25%			
EARTH EXCAVATION:			COLUMN 1, 2 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS. CUT = EARTH EXCAVATION FILL = EMBANKMENT COLUMN 3 = COLUMN 2 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR) COLUMN 5 = COLUMN 3 - COLUMN 4			
PAY ITEMS:			COLUMN 2 IS EARTH EXCAVATION = 3214 CU YD			
NOTES:			1. THE TOP 4" OF EMBANKMENT SHALL CONSIST OF VEGETATION SUSTAINING SOIL. 2. EARTH EXCAVATION SHALL BE USED TO FURNISH ALL EMBANKMENT QUANTITIES.			

SEEDING, NUTRIENTS, MULCH & BLANKET									
LOCATION				SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET
STATION +/-	TO	STATION +/-	SIDE	ACRE	POUND	POUND	POUND	ACRE	SQ YD
C.H. 15									
12+50	TO	19+82	LT	0.62	56	56	56	0.52	556.19
12+50	TO	19+18	RT	0.07	6	6	6	0.06	92.20
20+28	TO	29+62	RT	0.12	11	11	11	0.10	87.38
20+46	TO	29+62	LT	0.16	14	14	14	0.14	117.91
C.H. 4									
190+00	TO	199+59	LT	0.46	41	41	41	0.21	1020.19
190+00	TO	199+59	RT	0.59	53	53	53	0.45	714.49
200+41	TO	209+75	LT	0.35	32	32	32		1735.87
200+43	TO	209+75	RT	0.20	18	18	18		1161.07
SUB-TOTAL				2.57	231	231	231	1.48	5485.30
USE				2.75	231	231	231	1.50	5486
SEEDING NUTRIENTS RATE OF APPLICATION: 90 LBS/ACRE									

TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR)			
LOCATION		LENGTH	
STATION	OFFSET	FOOT	
C.H. 15			
12+50	62.6' LT	12	
14+00	56.5' LT	12	
15+50	49.0' LT	12	
17+10	48.7' LT	12	
18+60	48.0' LT	12	
C.H. 4			
190+80	24.3' LT	12	
191+20	26.0' LT	12	
191+60	26.9' LT	12	
192+00	29.5' LT	12	
192+60	30.6' LT	12	
194+00	30.4' LT	12	
196+00	28.9' LT	12	
197+10	29.3' LT	12	
197+30	29.0' LT	12	
197+80	27.7' LT	12	
198+70	26.9' LT	12	
201+50	26.5' LT	12	
202+00	25.0' LT	12	
203+00	26.0' LT	12	
204+40	27.6' LT	12	
204+80	25.4' LT	12	
205+30	23.4' LT	12	
205+70	21.0' LT	12	
206+30	21.1' LT	12	
207+00	21.1' LT	12	
207+80	19.8' LT	12	
208+60	19.2' LT	12	
TOTAL		324	

PERIMETER EROSION BARRIER				
STATION +/-	TO	STATION +/-	SIDE	LENGTH FOOT
C.H. 15				
12+68	TO	13+59	RT	113
13+79	TO	15+37	RT	200
C.H. 4				
190+00	TO	192+25	RT	228
203+00	TO	208+00	RT	504
TOTAL				1045
PERIMETER EROSION BARRIER IS SILT FENCE.				

PAVED DITCH REMOVAL				
LOCATION			SIDE	FOOT
STATION	TO	STATION		
C.H. 4				
199+15.4	TO	199+43.2	RT	44
TOTAL				44

RUMBLE STRIP				
LOCATION			EB / WB	SQ FT
STATION +/-	TO	STATION +/-		
C.H. 4				
190+38.1	TO	190+63.1	EB	275
194+38.4	TO	194+63.4	EB	275
196+38.4	TO	196+63.4	EB	275
203+61.7	TO	203+86.7	WB	275
205+86.7	TO	206+11.7	WB	275
209+45.2	TO	209+70.2	WB	275
TOTAL				1650

INLET AND PIPE PROTECTION			
STATION		OFFSET	EACH
C.H. 4			
195+72		35.0 RT	1
203+94		26.7 LT	1
TOTAL			2

AGGREGATE FOR TEMPORARY ACCESS							
LOCATION		TYPE	WIDTH	LENGTH	THICKNESS	TON	
STATION	+/- SIDE						
FOOT							
C.H. 15							
13+69.3	RT	PE	12	37	0.5	17	
15+46.5	RT	PE	12	44	0.5	21	
C.H. 4							
190+20.5	LT	PE	12	23	0.5	11	
196+00.0	RT	FE	24	49	0.75	67	
202+16.3	RT	PE	12	19	0.5	9	
202+50.0	LT	FE	24	29	0.75	40	
TOTAL						165	

REMOVAL OF THE TEMPORARY AGGREGATE IS TO BE CONSIDERED INCLUDED IN THE COST OF AGGREGATE FOR TEMPORARY ACCESS.

LENGTHS MAY VARY DUE TO FIELD REQUIREMENTS.
WIDTHS OF ENTRANCES SHOULD MATCH EXISTING ENTRANCES.

SEE SPECIAL PROVISIONS.

FILE NAME = V:\3454\CADD Sheets\3454-sht-schedule-1.dgn	USER NAME = bdecræene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 SCHEDULES OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1,000 ' / in.	DRAWN -	REVISED -					*	13-00323-00-SP	LA SALLE	57	8
	PLOT DATE = 3/17/2016	CHECKED -	REVISED -		* 1355 & 268		CONTRACT NO. 87546					
		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT HSIP02680121				
SCALE: N/A		SHEET NO. 1 OF 3 SHEETS		STA. N/A TO STA. N/A								

PAVEMENT										
			SUBBASE GRANULAR MATERIAL, TYPE A 12"	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/2"	BITUMINOUS MATERIALS (PRIME COAT) (0.05 LBS/SF)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	AGGREGATE SHOULDERS, TYPE B	HOT-MIX ASPHALT SHOULDERS 6"
STATION	TO	STATION	SQ YD	SQ YD	POUND	TON	SQ YD	TON	TON	SQ YD
C.H. 15										
12+69.00	TO	13+69.00			129		159	28	46	
13+69.00	TO	18+70.20			1226	77		115	171	
18+70.20	TO	21+28.70	389	319	1192	75		112		175
21+28.70	TO	28+62.23			1740	109		163	235	
28+62.23	TO	29+62.23			140		201	30	19	
C.H. 4										
189+33.00	TO	190+33.00			116		152	25	16	
190+33.00	TO	197+29.30			1506	94		141	196	29
197+29.30	TO	199+30.31	143	88	534	34		50		191
199+30.31	TO	199+59.31	72	63	110	7		11		30
199+59.31	TO	200+40.67	63	96						
200+40.67	TO	200+69.67	87	72	122	8		12		16
200+69.67	TO	202+73.00	211	131	592	37		56		97
202+73.00	TO	209+75.00			1566	98		147	189	
209+75.00	TO	210+75.00			115		153	25	25	
TOTAL			965	769	9088	539	665	915	897	538

COMBINATION CONCRETE CURB AND GUTTER & MEDIANS							
LOCATION				PROTECTIVE COAT	CLASS SI CONCRETE (OUTLET)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	CONCRETE MEDIAN, TYPE SM-6.12
STATION	TO	STATION	SIDE	SQ YD	CU YD	FOOT	SQ FT
C.H. 4							
199+30.31	TO	199+59.31	CL	21			158
200+17.00	TO	201+97.00	RT	60	2.0	199	
200+40.67	TO	200+69.67	CL	21			158
TOTAL				102	2.0	199	316

PAVEMENT REMOVAL			
LOCATION			AREA
STATION	TO	STATION	SQ YD
C.H. 4			
199+30.31	TO	199+59.31	18
200+40.67	TO	200+69.67	18
TOTAL			36

IF NEEDED REMOVAL OF THE SUB-BASE IS TO BE CONSIDERED INCLUDED IN THE COST OF THE PAVEMENT REMOVAL.

CLASS D PATCHES		
LOCATION	PATCH LOCATION	TYPE IV 13 INCH
STATION +/-		SQ YD
C.H. 15		
19+85.00	X-RD BOX	31.2
20+10.00	X-RD BOX	32.7
TOTAL		64

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS		
STATION	OFFSET	EACH
C.H. 4		
192+00.00	32.92 LT	1
192+00.00	40.00 LT	1
199+06.07	40.00 LT	1
202+50.00	23.17 RT	1
202+50.00	35.00 RT	1
209+00.00	28.40 RT	1
209+00.00	35.00 RT	1
TOTAL		7

ENTRANCES						
LOCATION			BITUMINOUS MATERIALS (PRIME COAT) (0.05 LBS/SF)	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SHOULDERS, TYPE B
STATION	SIDE	TYPE	POUND	SQ YD	TON	TON
C.H. 15						
13+69.3	RT	PE	49	20	10	
15+46.5	RT	PE	58	22	11	
C.H. 4						
190+20.5	LT	PE	20	22	4	
191+76.0	LT	FE				13
196+00.0	RT	FE				42
202+16.3	RT	PE	19	30	4	
202+50.0	LT	FE				211
TOTAL			146	94	29	266

TEMPORARY EROSION CONTROL SEEDING								
STATION +/-		TO	STATION +/-	SIDE	ACRES	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	TOTAL MULCH, METHOD 2
								POUND ACRE
C.H. 15								
12+50	TO	19+82	LT	0.62	100	3	186	0.62
12+50	TO	19+18	RT	0.07	100	3	21	0.07
20+28	TO	29+62	RT	0.12	100	3	36	0.12
20+46	TO	29+62	LT	0.16	100	3	48	0.16
C.H. 4								
190+00	TO	199+59	LT	0.46	100	1	46	0.46
190+00	TO	199+59	RT	0.59	100	1	59	0.59
200+41	TO	209+75	LT	0.35	100	1	35	0.35
200+43	TO	209+75	RT	0.20	100	1	20	0.20
SUB-TOTAL							451	2.57
USE							451	2.75

MULCH METHOD 2 IS USED FOR TEMPORARY MULCHING

STORM SEWER TO BE GROUTED			
STATION	LOCATION	TYPE	CU YD
C.H. 4			
199+39	X-RD	42" EQRS CMP	16
TOTAL			16

SEE SPECIAL PROVISION.

FILE NAME =	USER NAME = bdcraene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H.15 & C.H.4 SCHEDULES OF QUANTITIES	F.A.S. RTE.				
V:\3454\CADD Sheets\3454-sht-schedule-2.dgn		DRAWN -	REVISED -			SECTION				
	PLOT SCALE = 1,000' / in.	CHECKED -	REVISED -			COUNTY				
	PLOT DATE = 3/29/2016	DATE -	REVISED -			TOTAL SHEETS				
							SHEET NO.			
						* 13-00323-00-SP				
						LA SALLE				
						57				
						9				
						*1355 & 268				
						CONTRACT NO. 87546				
						FED. ROAD DIST. NO.				
						ILLINOIS				
						FED. AID PROJECT HSIP0268(112)				
						SCALE: N/A				
						SHEET NO. 2 OF 3 SHEETS				
						STA. N/A TO STA. N/A				

DRAINAGE										
LOCATION		PIPE CULVERTS, CLASS A, TYPE 1 EQRS 42"	PIPE CULVERTS, CLASS D, TYPE 1 15"	PIPE CULVERTS, CLASS D, TYPE 1 18"	TRAVERSABLE PIPE GRATE	CONCRETE END SECTION, STANDARD 542011, 42" 1:4	INSERTION CULVERT LINER 16"	PIPE DRAINS 10"	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	TRENCH BACKFILL
STATION	SIDE	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	FOOT	EACH	CU YD
C.H. 15										
19+97.1	X-RD	114			67	2				119
C.H. 4										
191+76.0	LT		26							4
196+00.0	RT			54						47
199+23.8	LT								1	
199+39.7	X-RD							114		
203+94.5	LT			4						
203+94.5	X-RD						52			
203+94.5	RT			2						
TOTAL		114	26	60	67	2	52	114	1	170

PIPE CULVERT REMOVAL						
LOCATION		OFFSET +/-	SIZE	TYPE	LENGTH	
STATION +/-	SIDE	FOOT			FOOT	
C.H. 15						
20+00	X-RD		48"	EQRS CMP	140	
C.H. 4						
191+76	LT	22	15"	CMP	24	
195+89	RT	20	18"	CMP	50	
199+42	LT	25	42"	EQRS CMP	11	
203+95	LT	19	18"	CMP	2	
203+95	RT	22	18"	CMP	2.5	
207+20	LT	20	12"	CMP	25	
TOTAL					255	

OFFSETS ARE FROM PROPOSED CL

RIP RAP					
LOCATION				STONE RIPRAP, CLASS A3	FILTER FABRIC
STATION	TO	STATION	SIDE	SQ YD	
IL 47					
197+40.00	TO	197+52.00	LT	23	23
197+40.00	TO	199+49.00	RT	333	333
200+39.00	TO	200+52.00	LT	8	8
TOTAL				364	364
THE FILTER FABRIC SHALL COME UP THE SIDES OF THE PERIMETER					

PAVEMENT MARKING							
STATION		PAINT PAVEMENT MARKING				PREFORMED PLASTIC TYPE B - INLAID - LINE 24"	
		LINE 4"			LINE 12"		
		SOLID WHITE	SOLID YELLOW	SKIP DASH YELLOW	DOUBLE YELLOW	SOLID YELLOW	DOTTED WHITE
		EDGE OF PVMT	CL & LANE LINE	CL	CL & MEDIAN FOOT	MED / DIAG	LANE LINE STOP BAR
C.H. 15							
12+69	TO	20+00	1405	75	1000	52	
20+00	TO	29+62	1870		1843	52	
C.H. 4							
190+00	TO	200+00	2077	456	173	1755	14
200+00	TO	209+75	2095	63	90	2055	14
TOTAL		14957				28	145

SHORT-TERM PAVEMENT MARKING					
STATION		TO	STATION	SKIP DASH	SOLID
				YELLOW	WHITE
				CENTER LINE	STOP BAR
				FOOT	
C.H. 15					
12+69	TO	29+62	170		
C.H. 4					
190+00	TO	199+88	99	21	
200+12	TO	209+75	97	20	
SUB-TOTAL			366	41	
TOTAL			407		

PRISMATIC CURB REFLECTOR				
STATION	TO	STATION	SIDE / MEDIAN	EACH
C.H. 4				
199+30.31	TO	199+59.31	MED	7
200+40.67	TO	200+69.67	MED	7
TOTAL				14

TREE REMOVAL			
LOCATION		6 TO 15 UNITS DIAMETER	
STATION	OFFSET		
C.H. 4			
197+40.82	45' LT	14	
204+01.24	28' RT	15	
TOTAL		29	

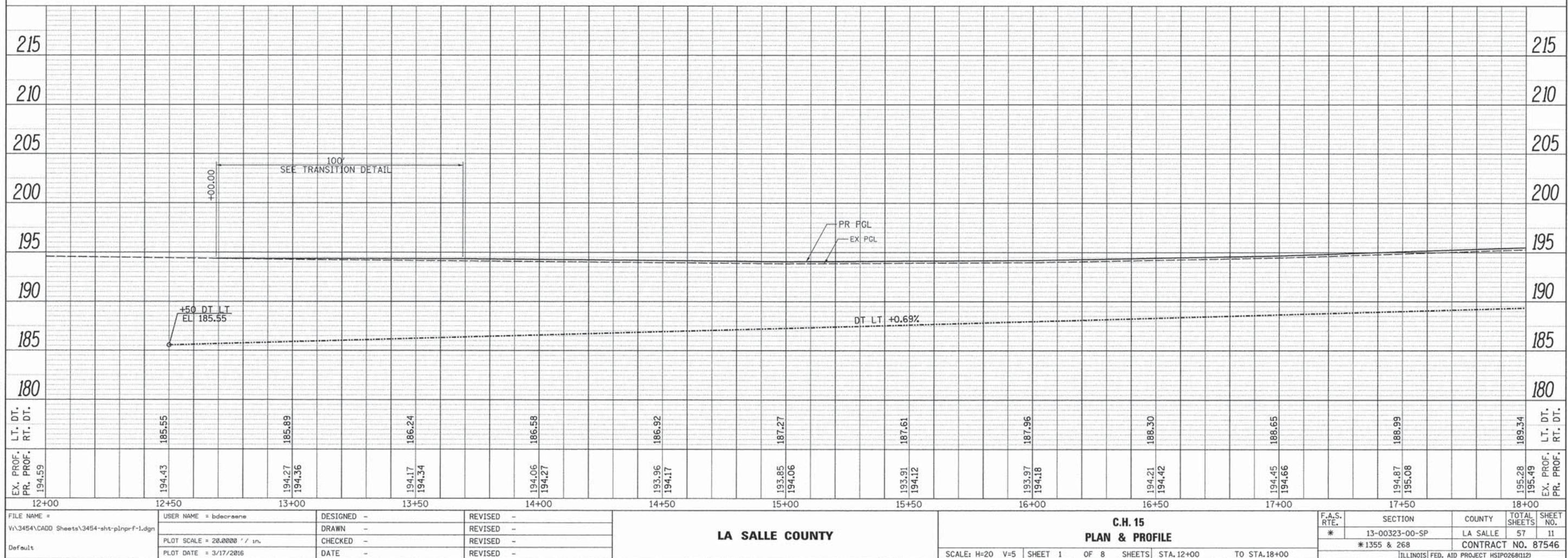
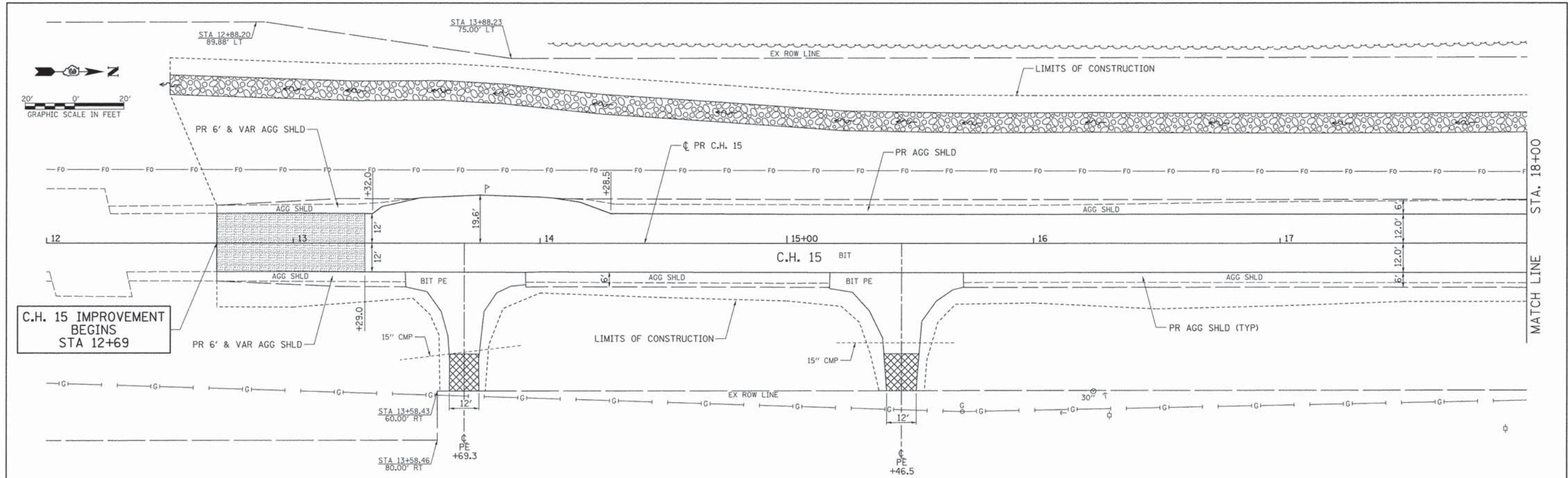
LAND SECTION MARKERS			
STATION	OFFSET	DESCRIPTION	EACH
C.H. 15			
20+00.00	CL	SECTION CORNER	1
TOTAL		1	

SIGN PANEL AND SIGN SUPPORTS				
LOCATION		MUTCD SIGN DESIGNATION	SIGN PANEL - TYPE 1	WOOD SIGN SUPPORT
STATION	SIDE		SQ FT	FOOT
C.H. 15				
14+59	LT	R4-2	5.00	14
14+59	RT	R4-1	5.00	14
C.H. 4				
190+39	LT	R4-2	5.00	14
192+39	LT	W3-1	6.25	14
192+39	RT	W3-1	6.25	14
199+39	MED	R1-1	6.25	14
199+39	RT	R1-1	6.25	14
200+61	LT	R1-1	6.25	14
200+61	MED	R1-1	6.25	14
207+35	RT	R4-2	5.00	14
207+70	LT	W3-1	6.25	14
207+70	RT	W3-1	6.25	14
TOTAL			70.00	168

FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H.15 & C.H.4 SCHEDULES OF QUANTITIES				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-shr-schedule-3.dgn		DRAWN -	REVISED -						*	13-00323-00-SP	LA SALLE	57	10
	PLOT SCALE = 1,000' / 1in.	CHECKED -	REVISED -		* 1355 & 268		CONTRACT NO. 87546						
	PLOT DATE = 3/17/2016	DATE -	REVISED -		SCALE: N/A		SHEET NO. 3 OF 3 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT HSIP0268012	

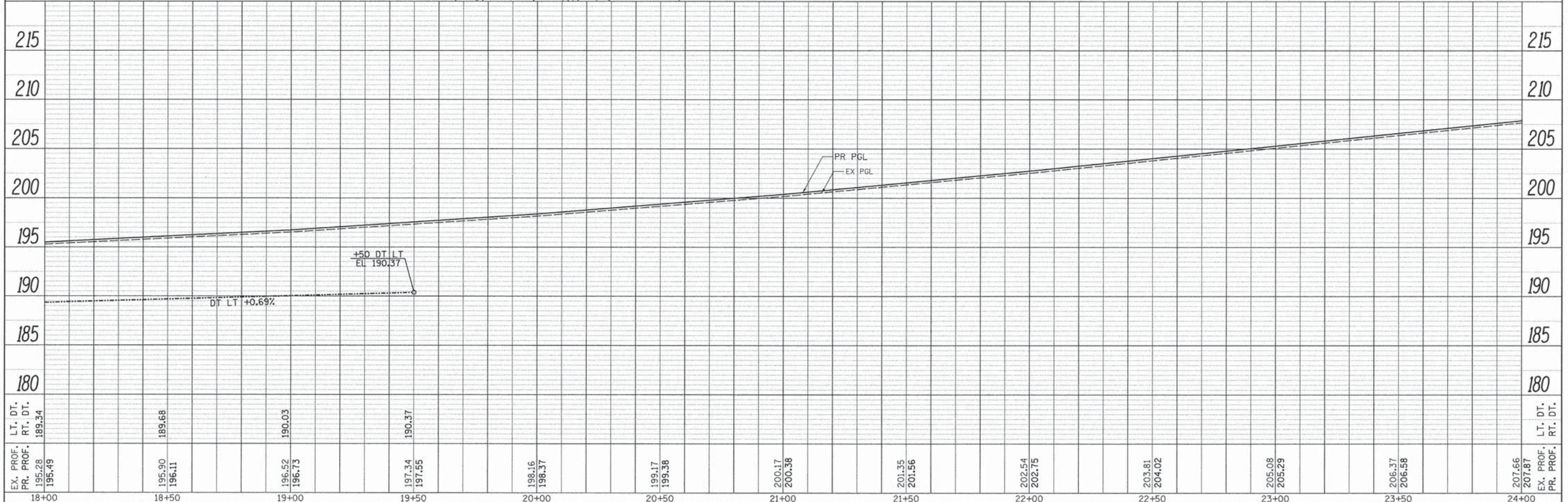
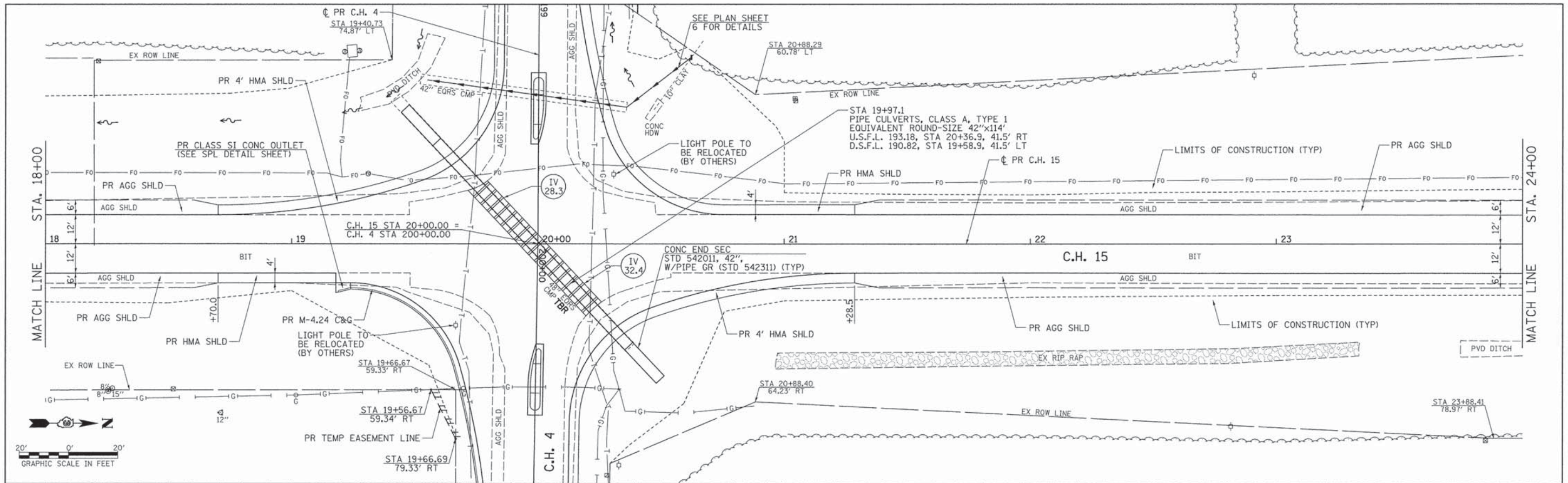
PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NO.	



PLAN	SURVEYED	BY	DATE
	ALLOTTED		
	NOTED		
	NO.		

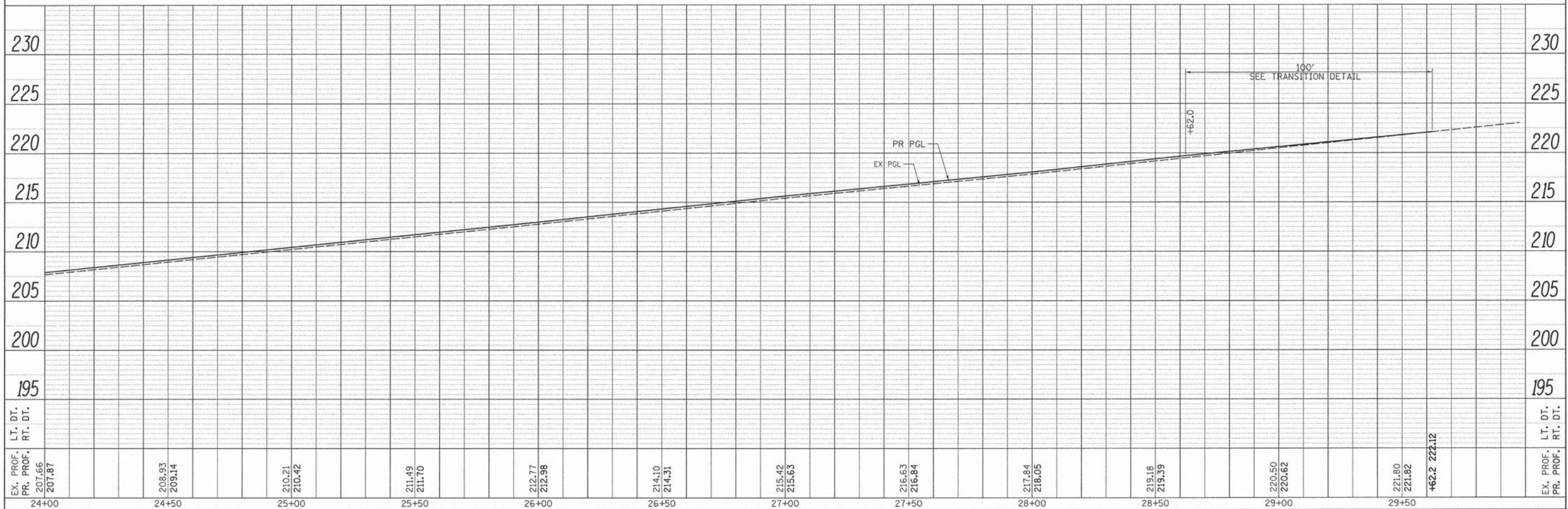
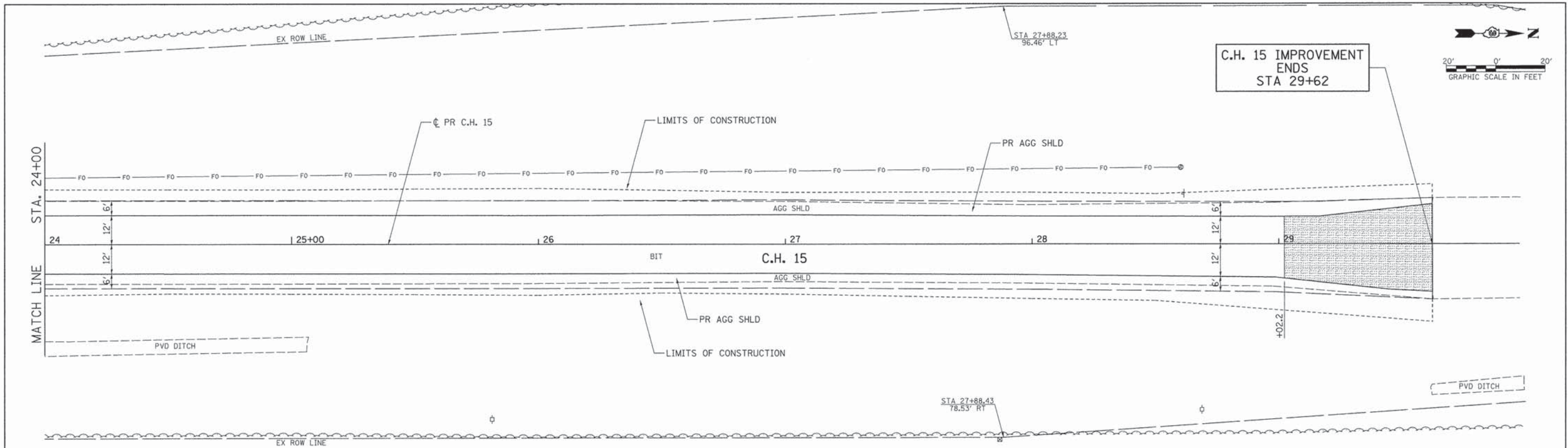
PROFILE	SURVEYED	BY	DATE
	ALLOTTED		
	NOTED		
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PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -									
PLOT DATE = 3/17/2016	CHECKED -	REVISED -									
DATE -	REVISED -										

PLAN	SUBMITTED	DATE
	NOTED	BY
	NOTED	BY
	NO.	NO.

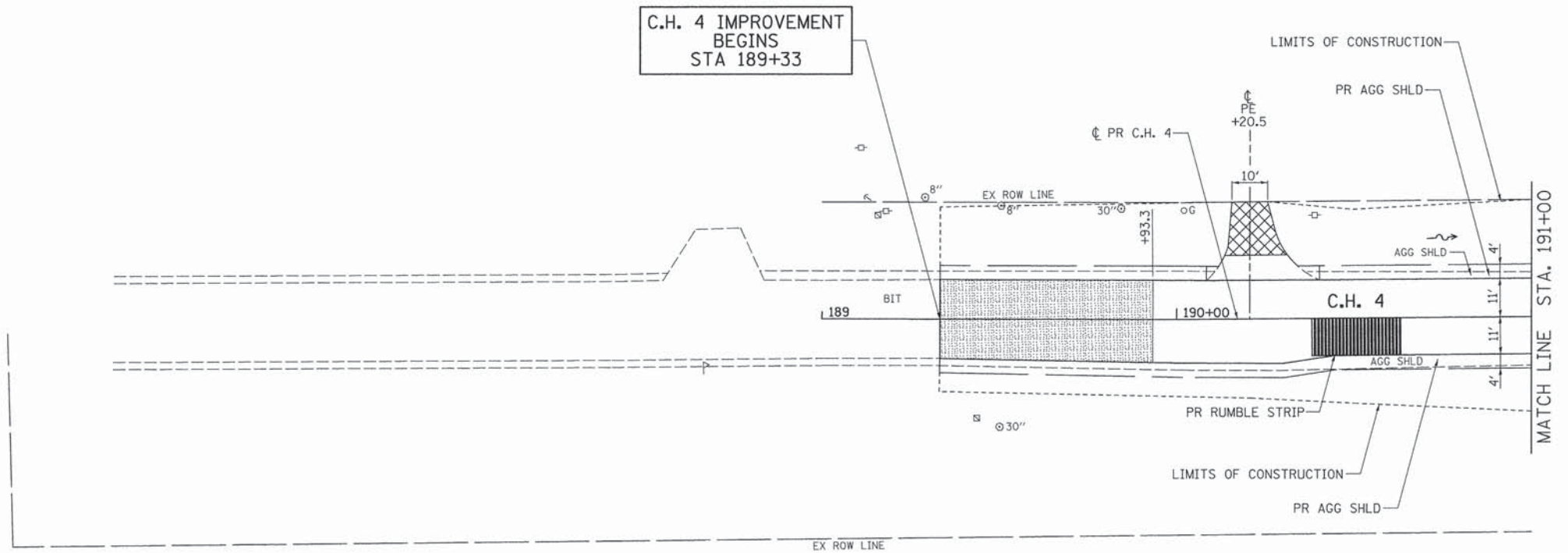
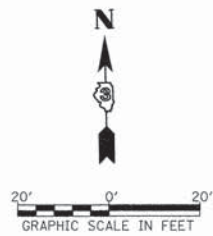
PROFILE	SUBMITTED	DATE
	NOTED	BY
	NOTED	BY
	NO.	NO.



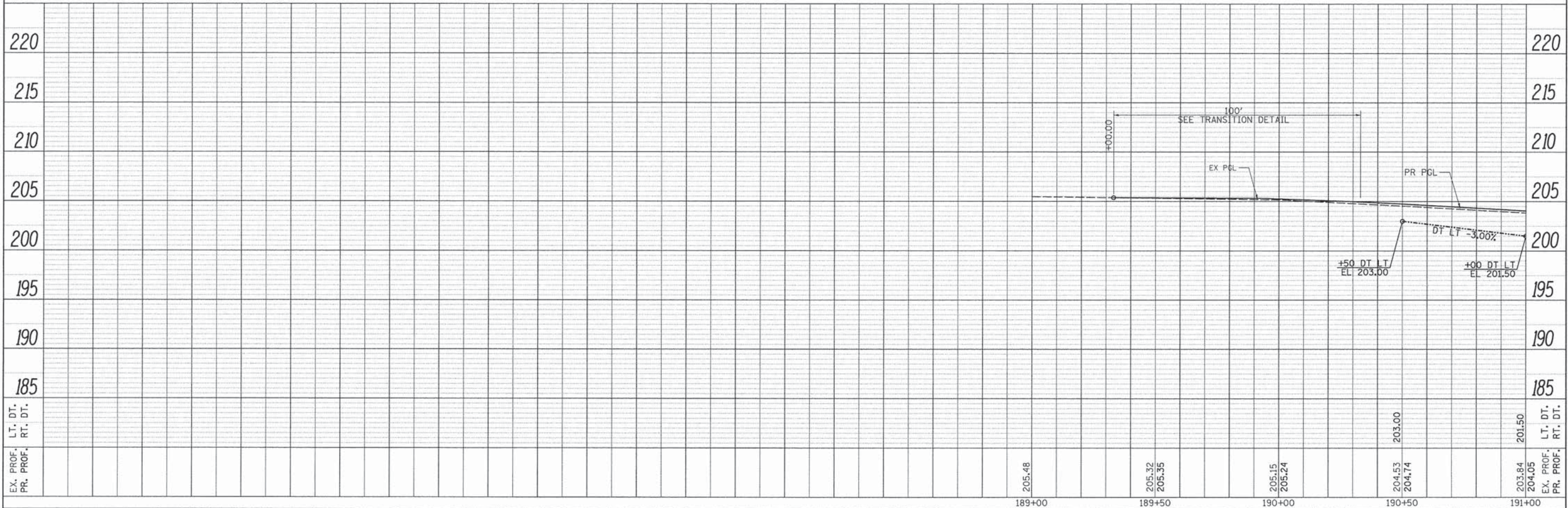
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V:\3454\CA00 Sheets\3454-sht-plnprf-3.dgn		DRAWN -	REVISED -		*	13-00323-00-SP	LA SALLE	57	13					
Default		CHECKED -	REVISED -		*1355 & 268		CONTRACT NO. 87546							
		DATE = 3/17/2016	REVISED -		ILLINOIS FED. AID PROJECT HSP0268(112)									
				SCALE: H=20 V=5	SHEET 3	OF 8 SHEETS	STA. 24+00	TO STA. 29+50						

SCALE: H=20 V=5 SHEET 3 OF 8 SHEETS STA. 24+00 TO STA. 29+50

PLAN	DESIGNED	BY	DATE
NO.	NO.		
NO.	NO.		
NO.	NO.		



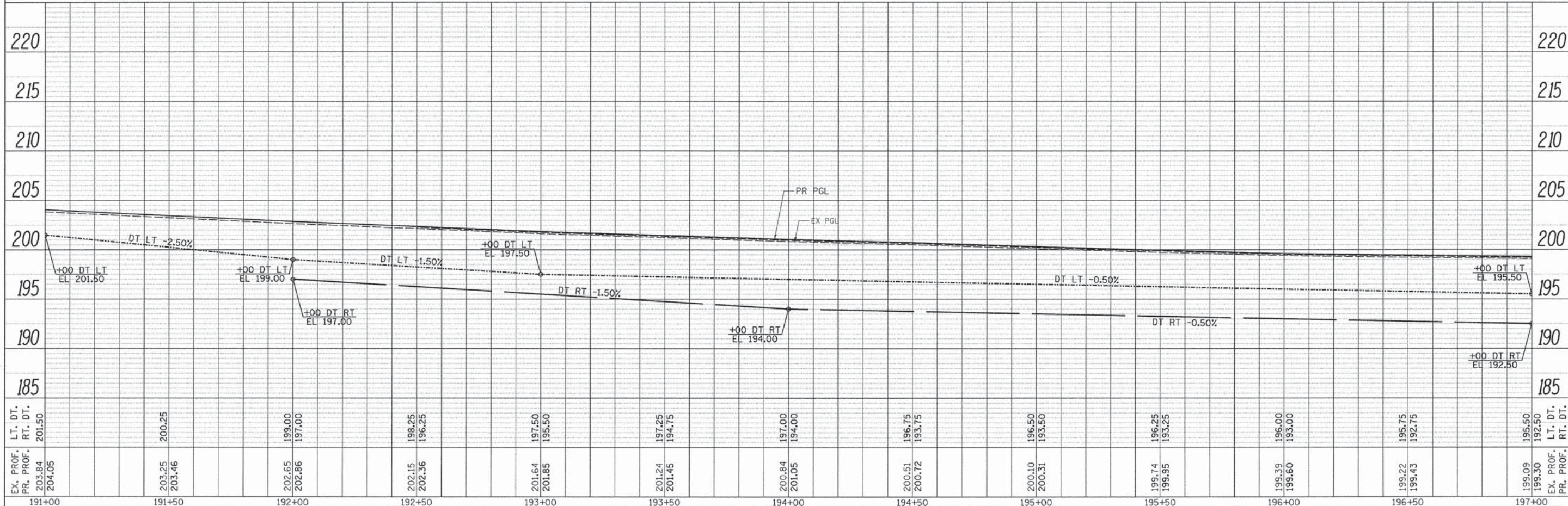
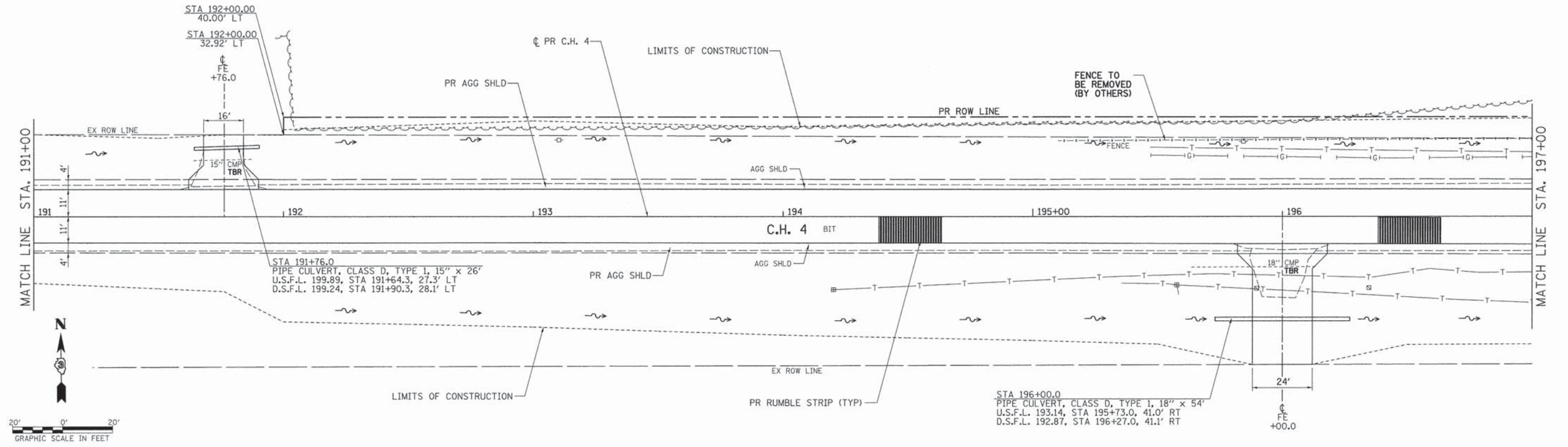
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NO.	NO.		
NO.	NO.		



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V:\3454\CA00 Sheets\3454-sht-plnprf-4.dgn		DRAWN -	REVISED -							
Default		CHECKED -	REVISED -							
		DATE -	REVISED -							

PLAN	SUBMITTED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
NOTE BOOK NO.		
CADD FILE NAME		

PROFILE	SUBMITTED	DATE
	NOTED	
	GRADES	
	STRUCTURE	
NOTE BOOK NO.		
STRUCTURE NOTATIONS CHNO		

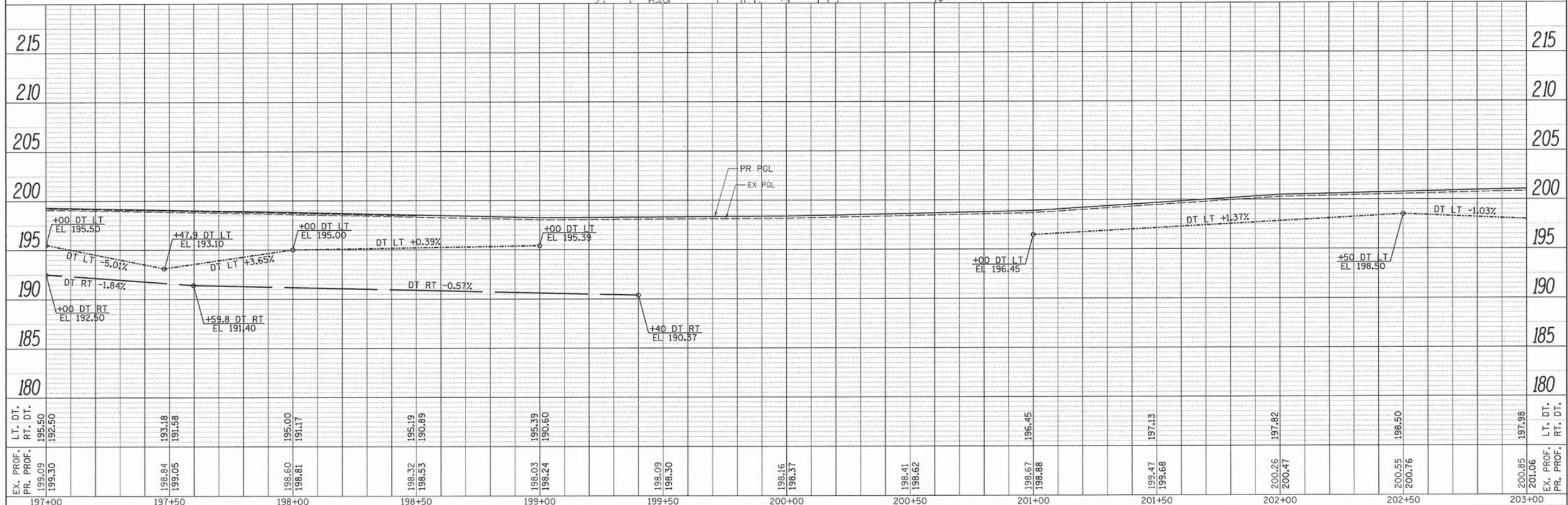
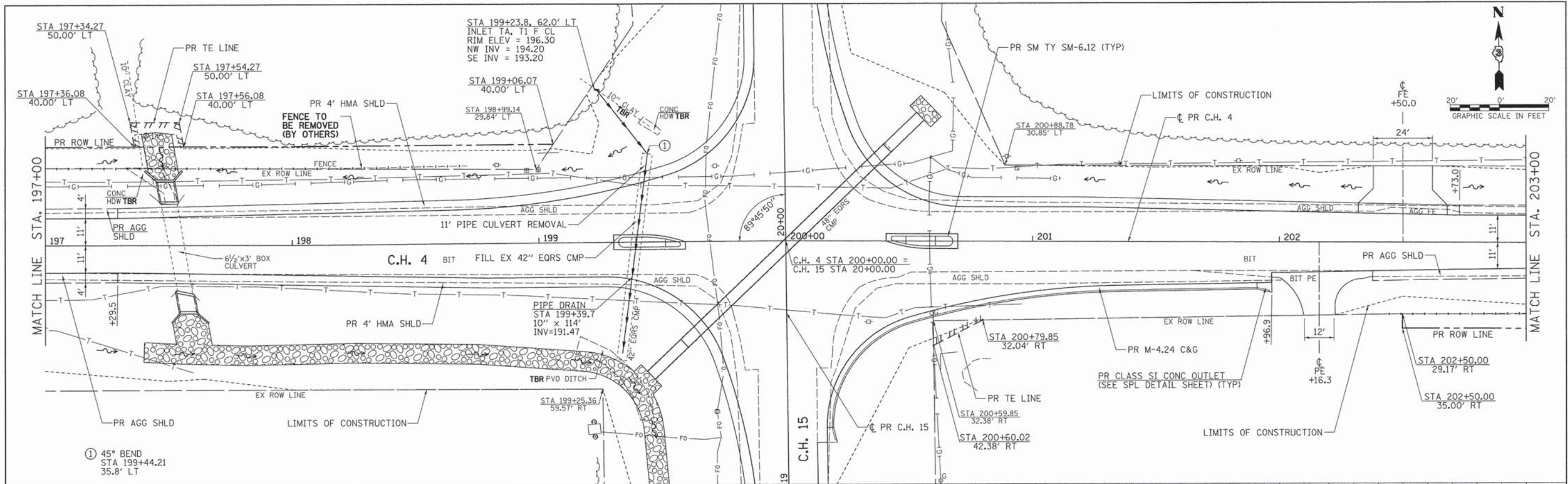


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Default	PLOT SCALE = 20.0000' / 1in.	DRAWN -	REVISED -				*	13-00323-00-SP	LA SALLE	57	15
	PLOT DATE = 3/17/2016	CHECKED -	REVISED -					*1355 & 268			
		DATE -	REVISED -								

ILLINOIS FED. AID PROJECT HSIP0268(112)

PLAN	DATE	BY
	DESIGNED	BY
	ALIGNED	BY
	CHECKED	BY
NOTE BOOK NO.		
FILE NAME		

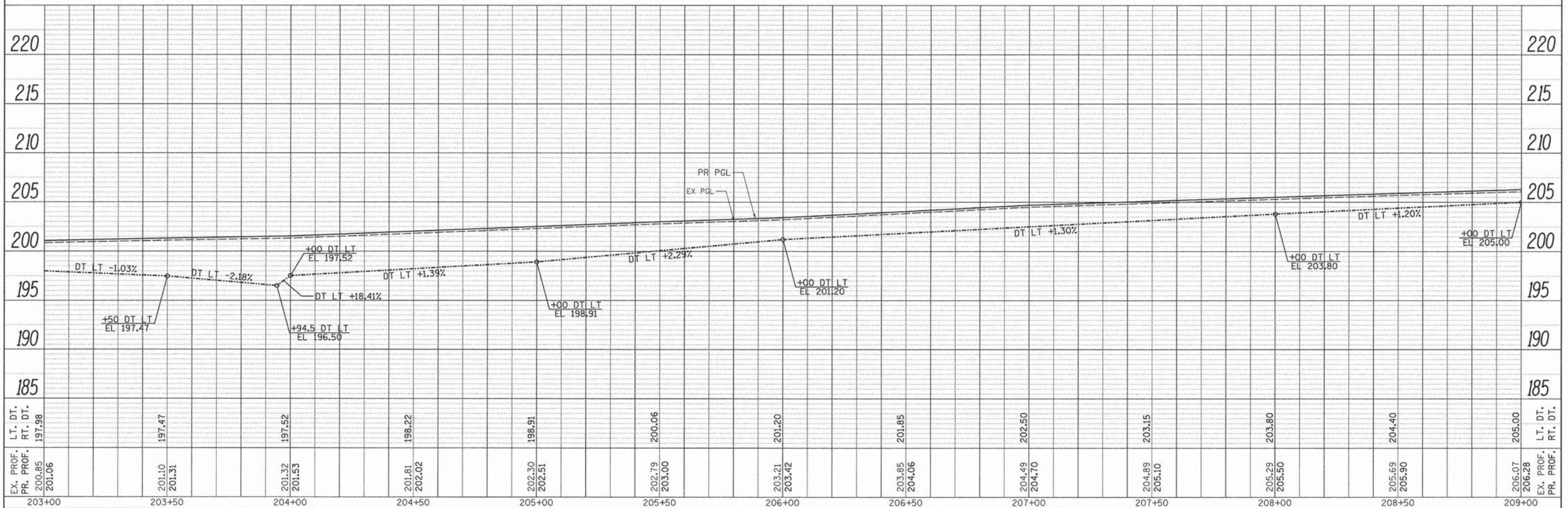
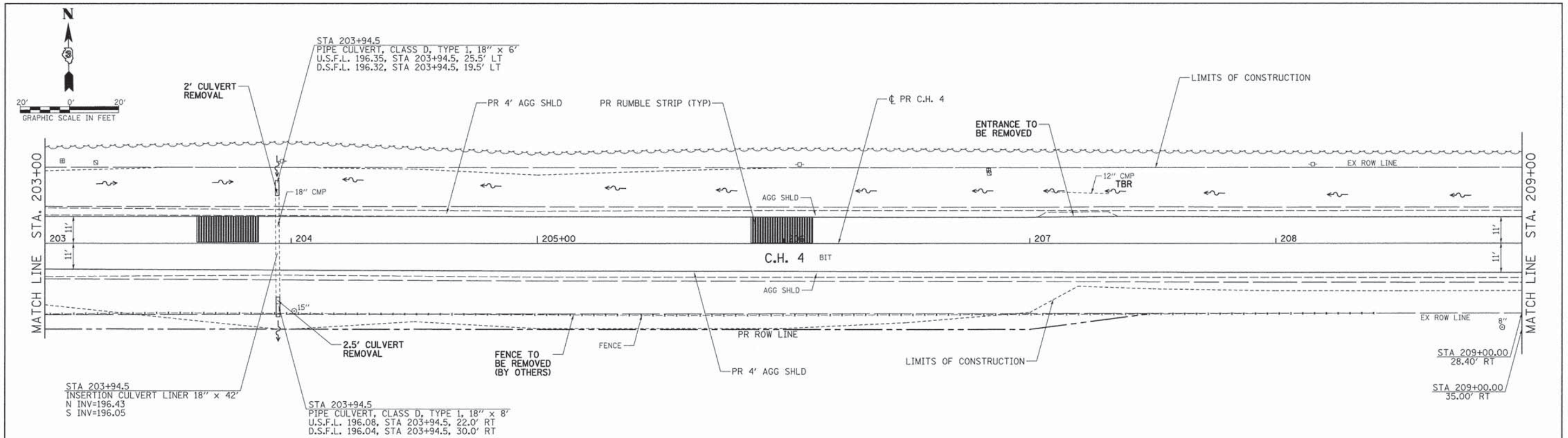
PROFILE	DATE	BY
	DESIGNED	BY
	GRADES	BY
	CHECKED	BY
NOTE BOOK NO.		
STRUCTURE NOTATION		



FILE NAME =	USER NAME = bdecrane	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 4 PLAN & PROFILE	SCALE: H=20 V=5 SHEET 6 OF 8 SHEETS STA. 197+00 TO STA. 203+00	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sht-plnprf-6-rev.dgn		DRAWN -	REVISED -								
Default		CHECKED -	REVISED -								
		DATE -	REVISED -								

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	NO.		

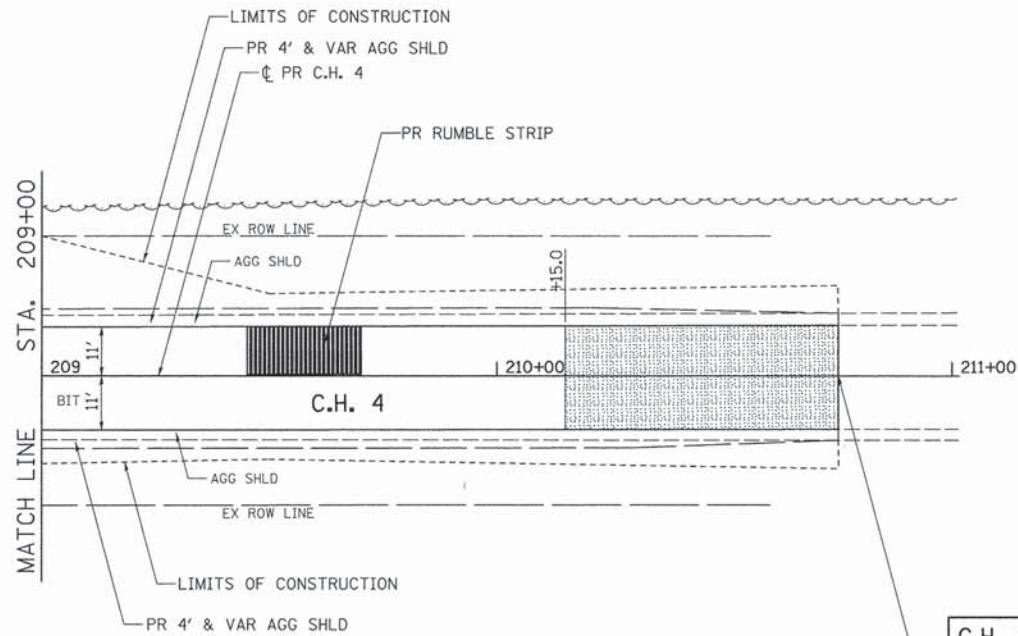
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	ALIGNED		
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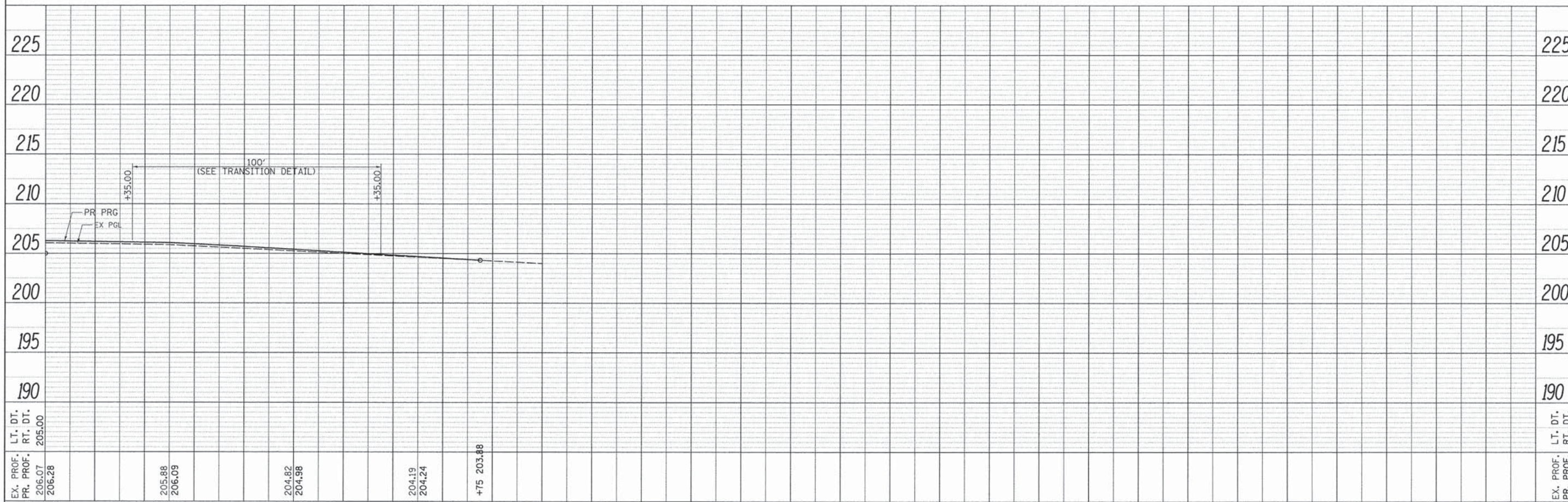
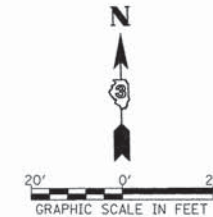
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V:\3454\CADD Sheets\3454-sht-plnprf-7-rev.dgn		DRAWN -	REVISED -				*	13-00323-00-SP	LA SALLE	57	17	
Default		CHECKED -	REVISED -				* 1355 & 268					
		DATE -	REVISED -				CONTRACT NO. 87546					
SCALE: H=20 V=5 SHEET 7 OF 8 SHEETS STA. 203+00 TO STA. 209+00						ILLINOIS FED. AID PROJECT HSIP0268(112)						

PLAN	SURVEYED	BY	DATE
	NOTED		
	RT. OF WAY CHECKED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	NOTED		
	RT. OF WAY CHECKED		
	NO. _____		



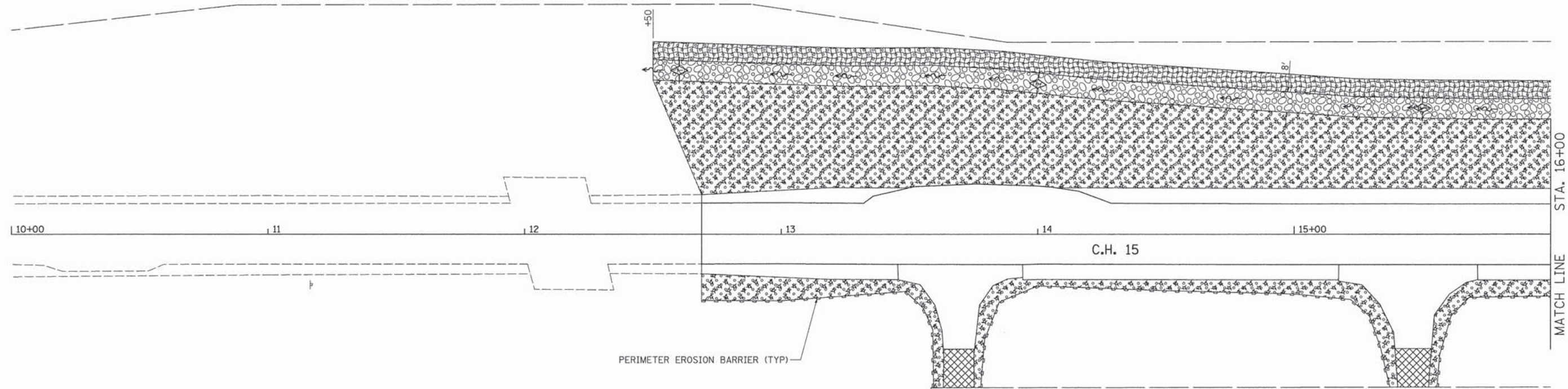
C.H. 4 IMPROVEMENT
ENDS
STA 210+75



FILE NAME =	USER NAME = bdecaene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 4 PLAN & PROFILE	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		CHECKED -	REVISED -				*1355 & 268			
		DATE -	REVISED -							

SCALE: H=20 V=5 SHEET 8 OF 8 SHEETS STA. 209+00 TO STA. 210+00

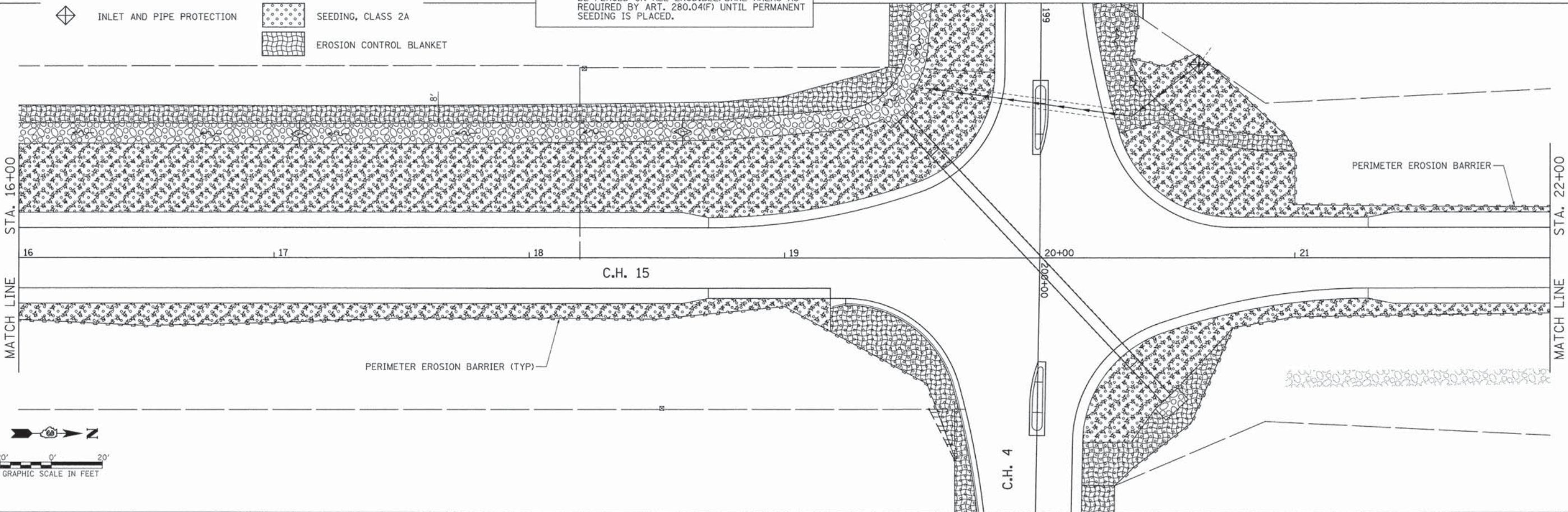
ILLINOIS FED. AID PROJECT HSIP0268(112)



LANDSCAPING AND EROSION CONTROL LEGEND

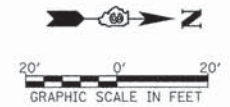
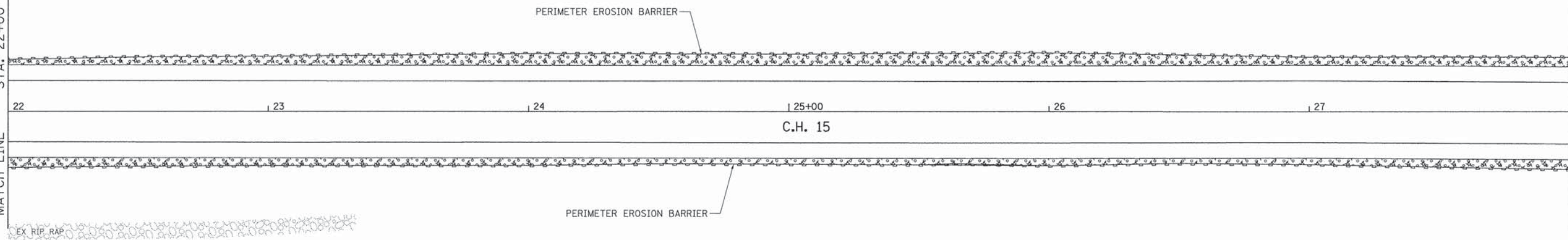
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|--|---------------------------|--|-------------------------|
| | TEMPORARY DITCH CHECKS | | STONE RIPRAP |
| | PERIMETER EROSION BARRIER | | MULCH, METHOD 2 |
| | INLET AND PIPE PROTECTION | | SEEDING, CLASS 2A |
| | | | EROSION CONTROL BLANKET |

NOTE: TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ALL ERODIBLE/BARE AREAS AS REQUIRED BY ART. 280.04(F) UNTIL PERMANENT SEEDING IS PLACED.



FILE NAME =	USER NAME = bdecreene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 15 LANDSCAPING & EROSION CONTROL PLANS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-shr-eros-1.dgn		DRAWN -	REVISED -						*	13-00323-00-SP	LA SALLE	57	19
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		*1355 & 268		CONTRACT NO. 87546						
Default	PLOT DATE = 3/17/2016	DATE -	REVISED -		SCALE: 1"=20'	SHEET 1 OF 4 SHEETS	STA. 12+69 TO STA. 22+00	ILLINOIS FED. AID PROJECT HSIP0268(12)					

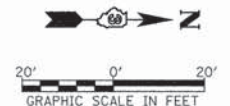
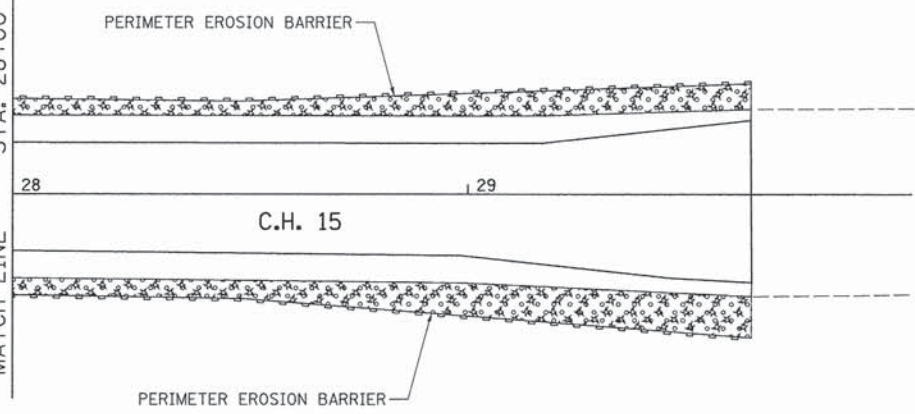
STA. 22+00
MATCH LINE



STA. 28+00
MATCH LINE

NOTE: TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ALL ERODIBLE/BARE AREAS AS REQUIRED BY ART. 280.04(F) UNTIL PERMANENT SEEDING IS PLACED.

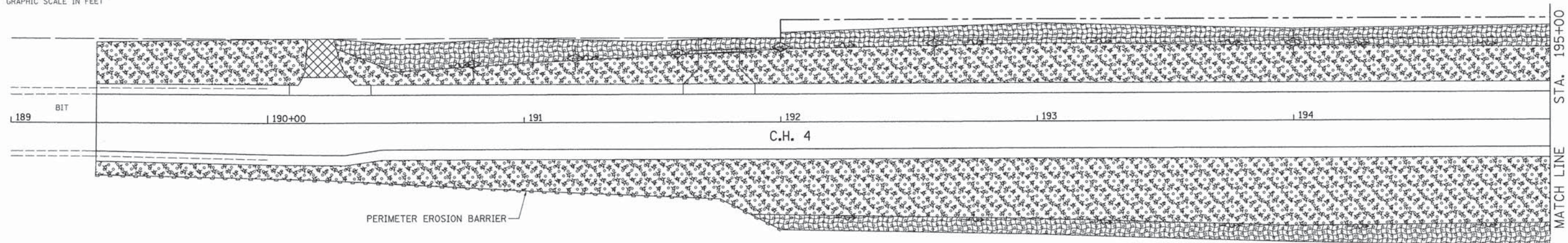
STA. 28+00
MATCH LINE



LANDSCAPING AND EROSION CONTROL LEGEND

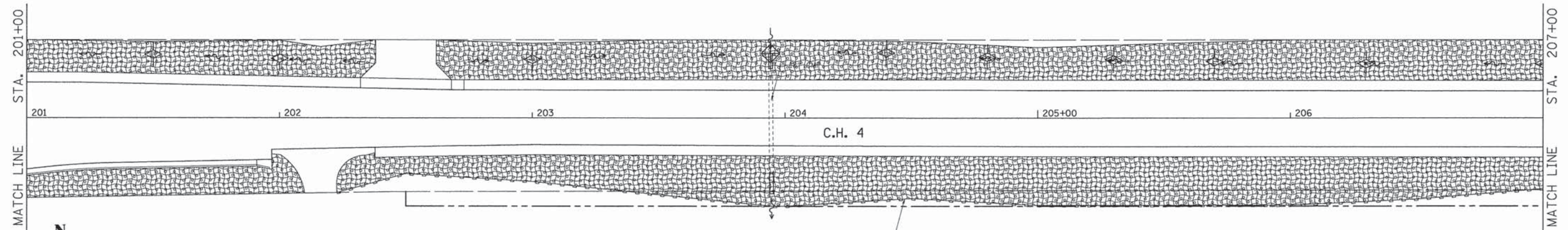
- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STONE RIPRAP
- MULCH, METHOD 2
- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET

FILE NAME = V:\3454\CADD Sheets\3454-sht-eros-2.dgn	USER NAME = bdecreane	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 15 LANDSCAPING & EROSION CONTROL PLANS	F.A.S. RTE. *	SECTION 13-00323-00-SP	COUNTY LA SALLE	TOTAL SHEETS 57	SHEET NO. 20		
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			* 1355 & 268		CONTRACT NO. 87546				
Default	PLOT DATE = 3/17/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT HSIP0268(112)						
						SCALE: 1"=20'		SHEET 2 OF 4 SHEETS		STA. 22+00 TO STA. 29+62		

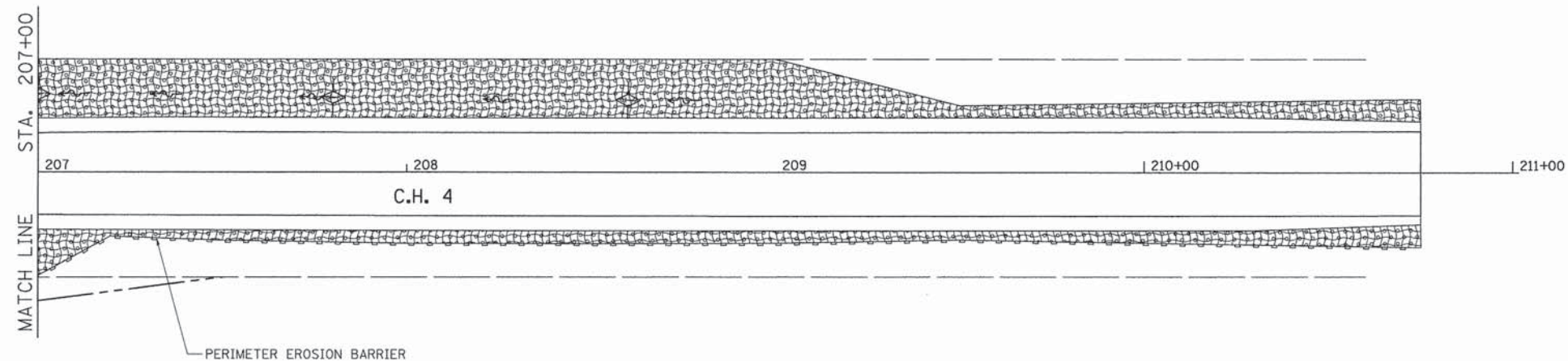


	TEMPORARY DITCH CHECKS		STONE RIPRAP
	PERIMETER EROSION BARRIER		MULCH, METHOD 2
	INLET AND PIPE PROTECTION		SEEDING, CLASS 2A
			EROSION CONTROL BLANKET

FILE NAME =	USER NAME = bdecrease	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 4 LANDSCAPING & EROSION CONTROL PLANS	F.A.S. SHEETS		SECTION	COUNTY	TOTAL	SHEET
V:\3454\CADD Sheets\3454-sht-eros-3-rev.dgn		DRAWN -	REVISED -			*	13-00323-00-SP	LA SALLE	57	21	
	PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -			* 1355 & 268		CONTRACT NO. 87546			
Default	PLOT DATE = 3/17/2016	DATE -	REVISED -			SCALE: 1"=20'	SHEET 3 OF 4 SHEETS	STA. 190+00 TO STA. 201+00	ILLINOIS FED. AID PROJECT HSIP0268(112)		



NOTE: TEMPORARY EROSION CONTROL SEEDING SHALL BE PLACED ON ALL ERODIBLE/BARE AREAS AS REQUIRED BY ART. 280.04(F) UNTIL PERMANENT SEEDING IS PLACED.

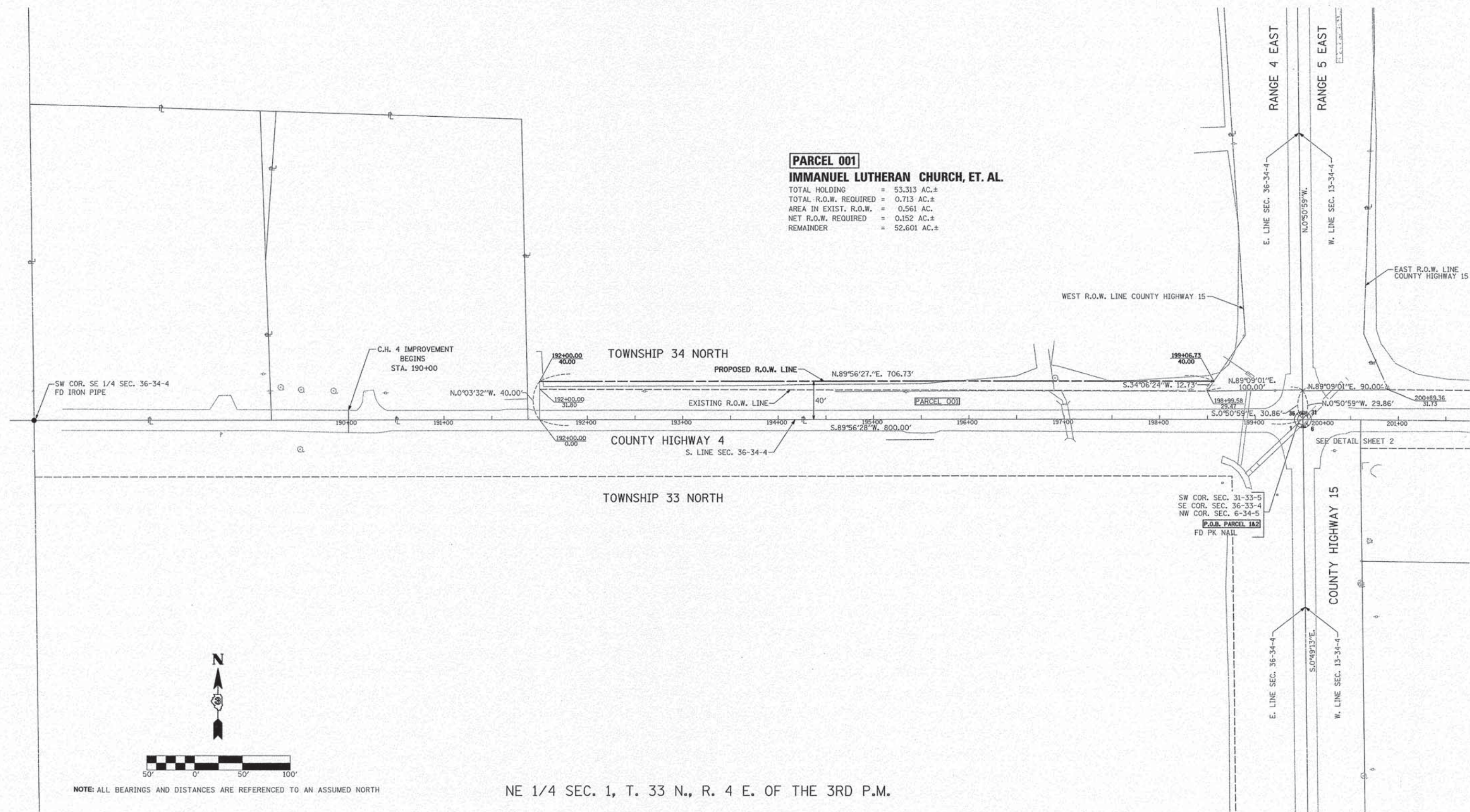


LANDSCAPING AND EROSION CONTROL LEGEND

- | | | | |
|--|---------------------------|--|-------------------------|
| | TEMPORARY DITCH CHECKS | | STONE RIPRAP |
| | PERIMETER EROSION BARRIER | | MULCH, METHOD 2 |
| | INLET AND PIPE PROTECTION | | SEEDING, CLASS 2A |
| | | | EROSION CONTROL BLANKET |

FILE NAME =	USER NAME = bdecreene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 4		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-shr-eros-4-rev.dgn		DRAWN -	REVISED -		LANDSCAPING & EROSION CONTROL PLANS		*	13-00323-00-SP	LA SALLE	57	22
Default	PLOT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -		SCALE: 1"=20'		*1355 & 268		CONTRACT NO. 87546		
	PLOT DATE = 3/17/2016	DATE -	REVISED -		SHEET 4 OF 4 SHEETS		STA. 201+00 TO STA. 209+75		ILLINOIS FED. AID PROJECT HSIP0268(112)		

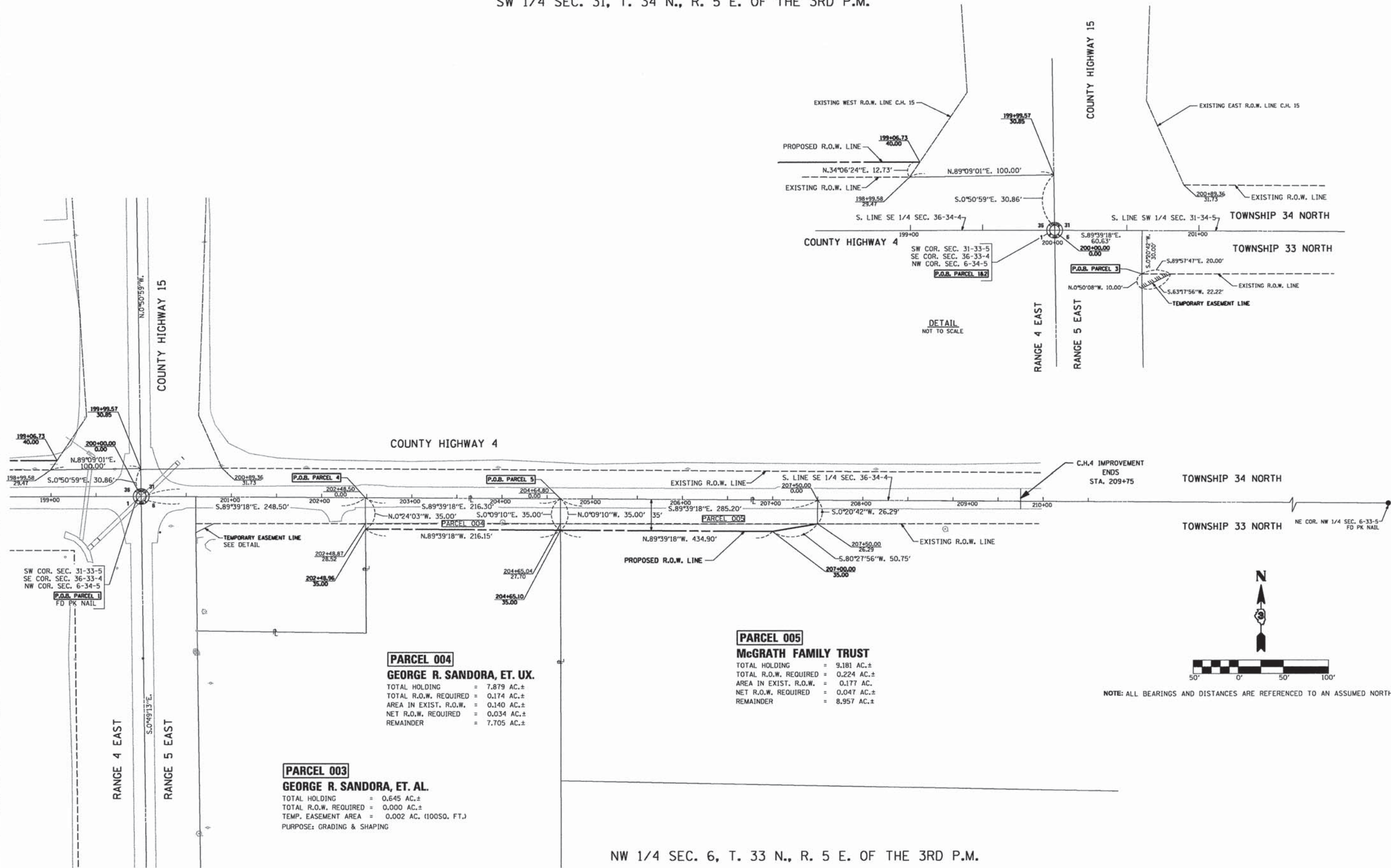
SE 1/4 SEC. 36, T. 34 N., R. 4 E. OF THE 3RD P.M.



NOTE: ALL BEARINGS AND DISTANCES ARE REFERENCED TO AN ASSUMED NORTH

RENWICK & ASSOCIATES, INC. 1304 Gemini Circle, Suite 4 Ottawa, Illinois 61350 ENGINEERING LAND SURVEYING TEL: 815-434-3200 FAX: 815-434-3868 DESIGN FIRMNO: 184-004957	DESIGNED -	REVISED -	LASALLE COUNTY HIGHWAY DEPARTMENT COUNTY HIGHWAY 4 AND 15	RIGHT OF WAY PLANS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		PROJECT	JOB NO.		13-00323-00-SP	LASALLE	57	23
	CHECKED -	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 2 SHEETS	STA. 190+00 TO STA. 201+00				CONTRACT NO. 87546
	DATE -	REVISED -					FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT HSIP0268(112)	

SW 1/4 SEC. 31, T. 34 N., R. 5 E. OF THE 3RD P.M.



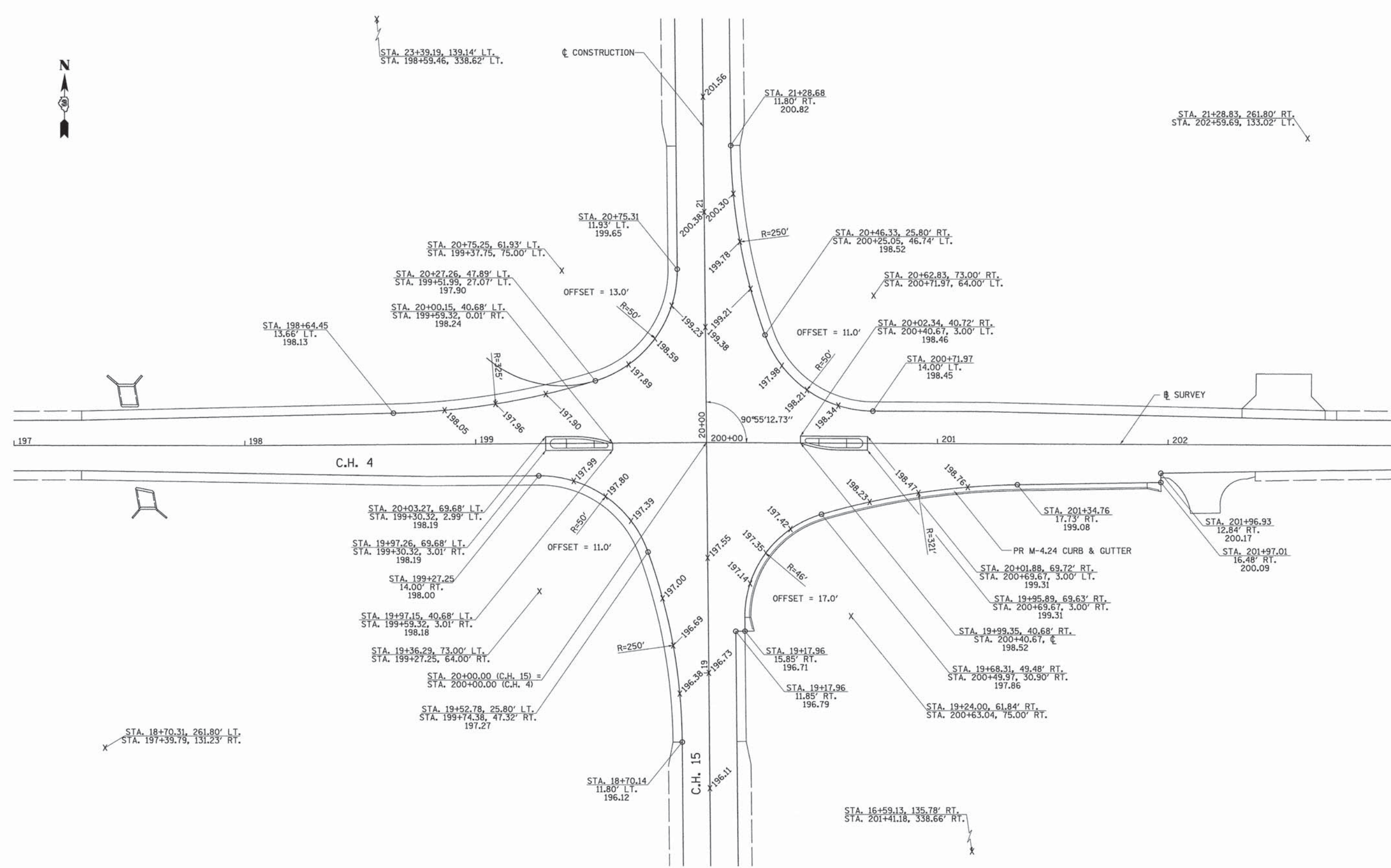
RENWICK & ASSOCIATES, INC.
1304 Gemini Circle, Suite 4 Ottawa, Illinois 61350
ENGINEERING LAND SURVEYING
TEL: 815-434-3200 FAX: 815-434-3968 DESIGN FIRMNO: 184-004957

DESIGNED -	REVISED -	5-1-15 REMOVED PARCEL 2 - CLARK
DRAWN -	TRUST AT NE CORNER OF INTERSECTION	
CHECKED -	REVISED -	
DATE -	REVISED -	

LASALLE COUNTY HIGHWAY DEPARTMENT
COUNTY HIGHWAY 4 AND 15

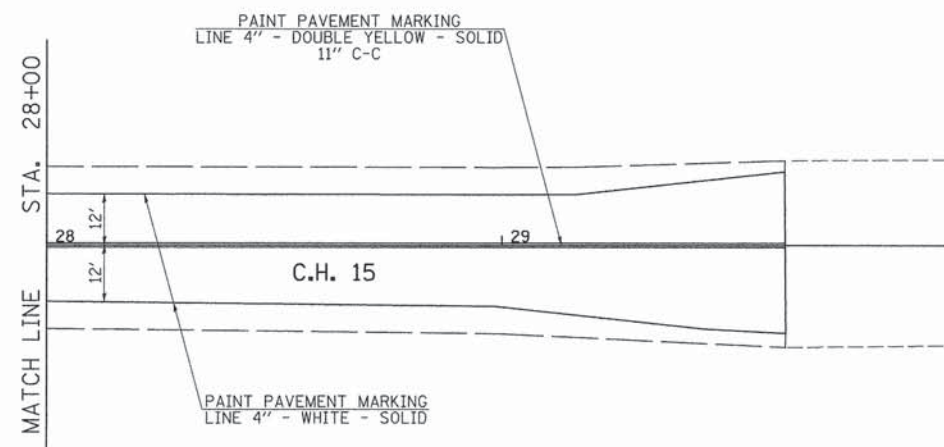
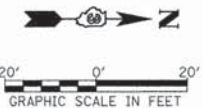
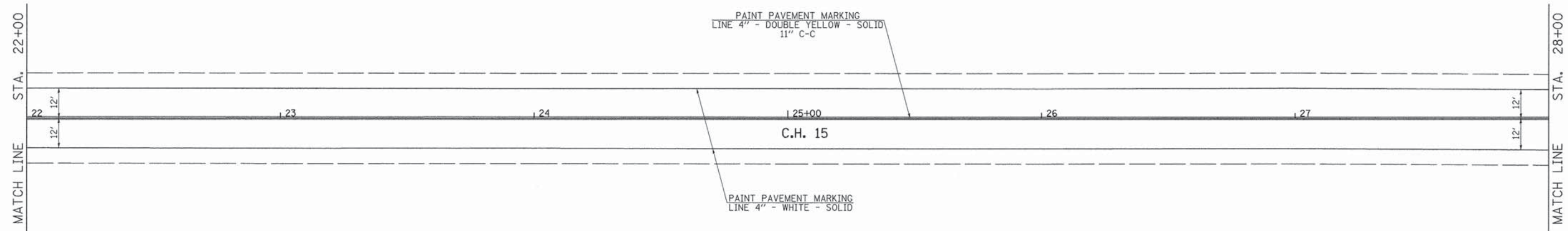
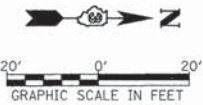
RIGHT OF WAY PLANS	
PROJECT	JOB NO.
SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS
STA. 199+00 TO STA. 209+75	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00323-00-SP	LASALLE	57	24
CONTRACT NO. 87546				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT HSIP0268(112)				

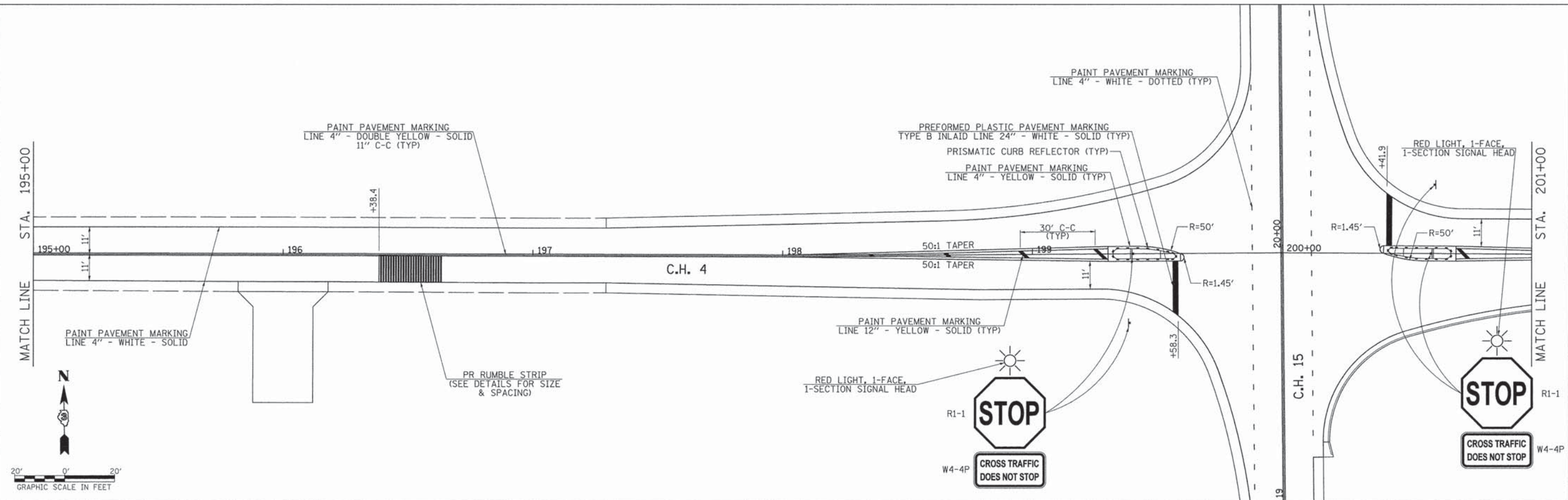
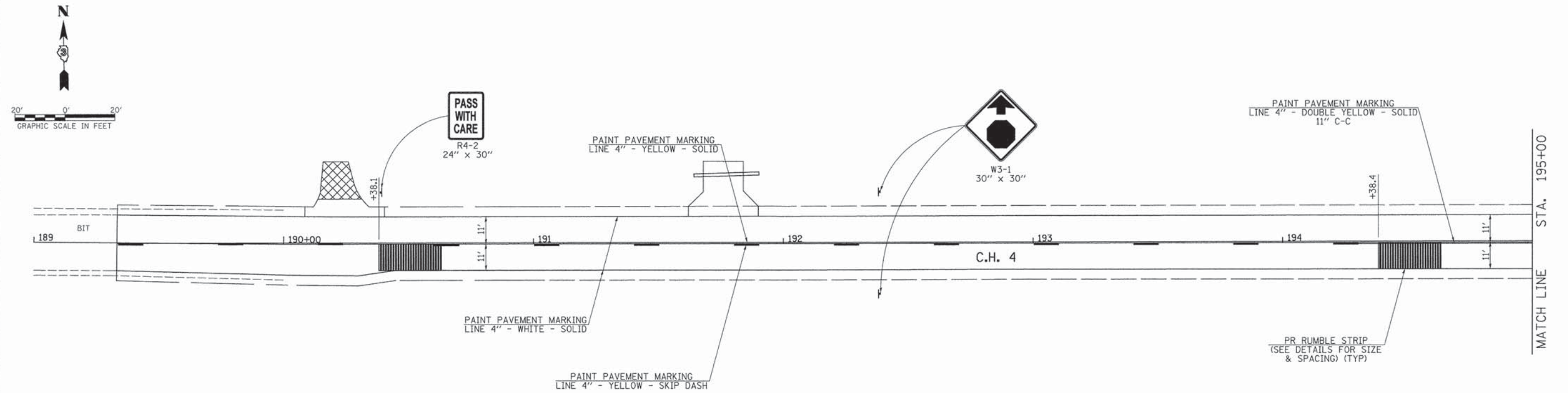


NOTE: UNLESS OTHERWISE SHOWN, ELEVATIONS LABELED ALONG THE EDGE OF PAVEMENT RADIUS ARE QUARTER POINTS OF THAT RADIUS.

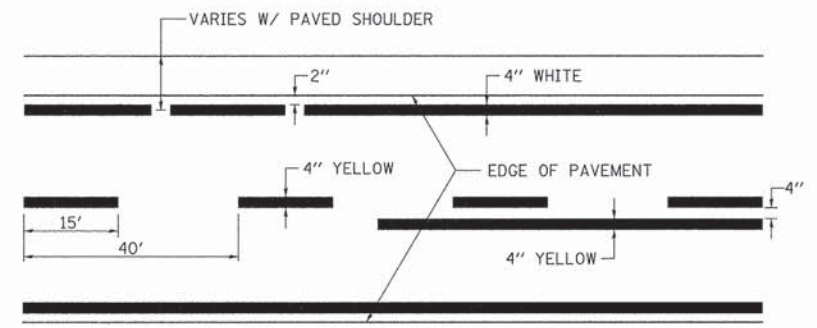
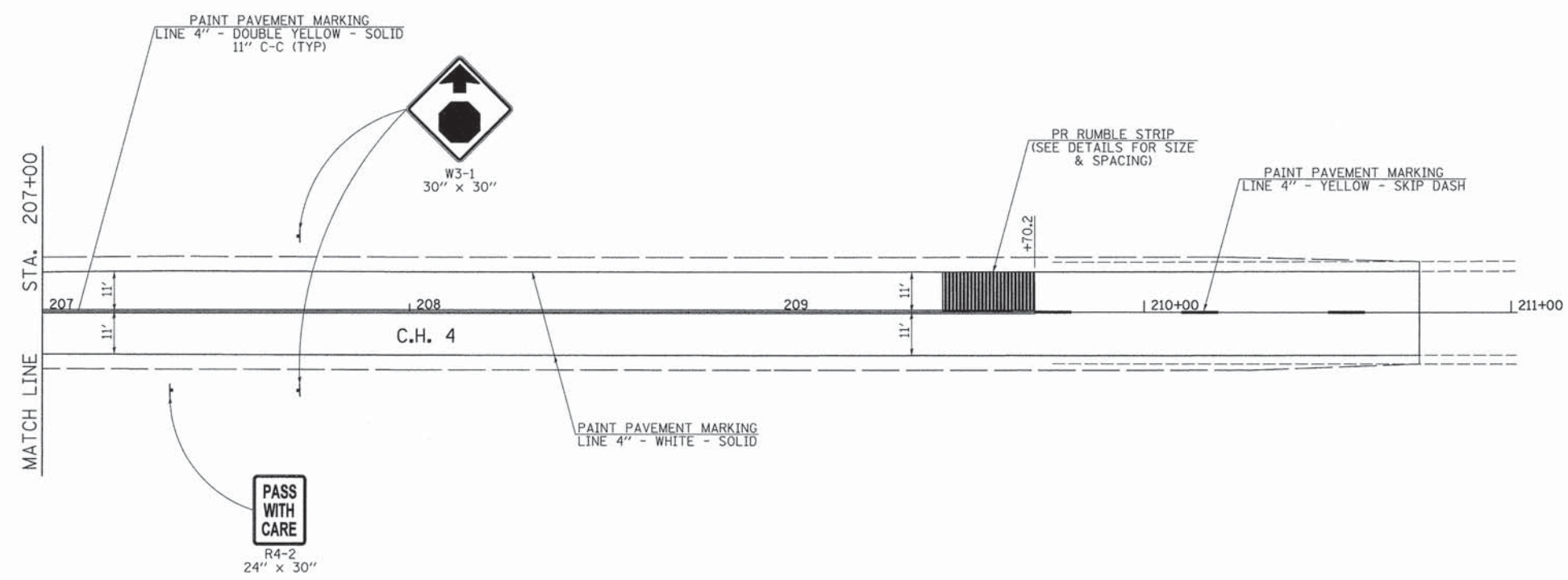
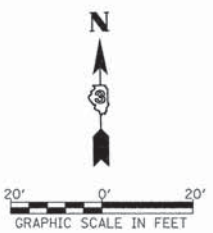
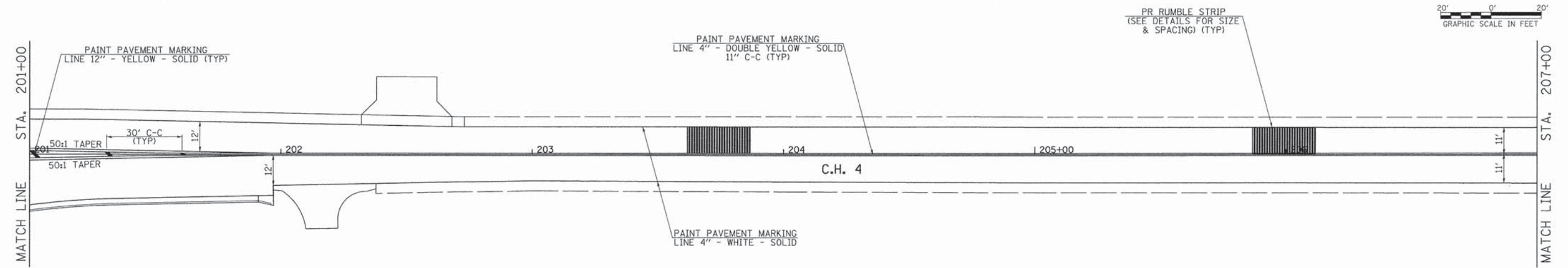
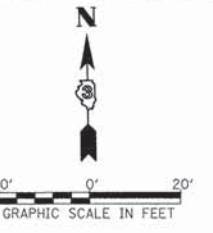
FILE NAME =	USER NAME = bdecreane	DESIGNED - BJW	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 INTERSECTION DETAIL				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sht-intersec.dgn		DRAWN - RMD	REVISED -						*	13-00323-00-SP	LA SALLE	57	25
Default	PLOT SCALE = 28.0000 ' / in.	CHECKED - LDZ	REVISED -						*1355 & 268		CONTRACT NO. 87546		
	PLOT DATE = 3/17/2016	DATE - 04/11/2014	REVISED -						SCALE: 1"=20'		SHEET 1	OF 1	SHEETS



FILE NAME =	USER NAME = bdecreane	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H.15 PAVEMENT MARKING & SIGNING PLAN	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sht-pmk-2.dgn		DRAWN -	REVISED -			*	13-00323-00-SP	LA SALLE	57	27
Default	PLOT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -			*1355 & 268		CONTRACT NO. 87546		
	PLOT DATE = 3/17/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT HSIP0268(112)				
				SCALE: 1"=20'		SHEET 2 OF 4 SHEETS		STA. 22+00 TO STA. 29+62		



FILE NAME =	USER NAME = bdecreene	DESIGNED --	REVISED --	LA SALLE COUNTY	C.H. 4 PAVEMENT MARKING & SIGNING PLAN					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-shr-pmk-3.dgn		DRAWN --	REVISED --							*	13-00323-00-SP	LA SALLE	57	28
	PLOT SCALE = 20.0000' / 1" =	CHECKED --	REVISED --							* 1355 & 268				
	PLOT DATE = 3/17/2016	DATE --	REVISED --							CONTRACT NO. 87546				
Default					SCALE: 1"=20'	SHEET 3	OF 4	SHEETS	STA. 190+00	TO STA. 201+00	ILLINOIS FED. AID PROJECT HSIP0268(112)			



LA SALLE COUNTY PAVEMENT STRIPING DETAIL

C.H. 15
C.H. 4

FILE NAME = V:\3454\CADD Sheets\3454-shr-pmk-4.dgn	USER NAME = bdeane	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 4 PAVEMENT MARKING & SIGNING PLAN			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -						* 1355 & 268			CONTRACT NO. 87546
Default	PLOT DATE = 3/17/2016	DATE -	REVISED -									ILLINOIS FED. AID PROJECT HSIP0268012

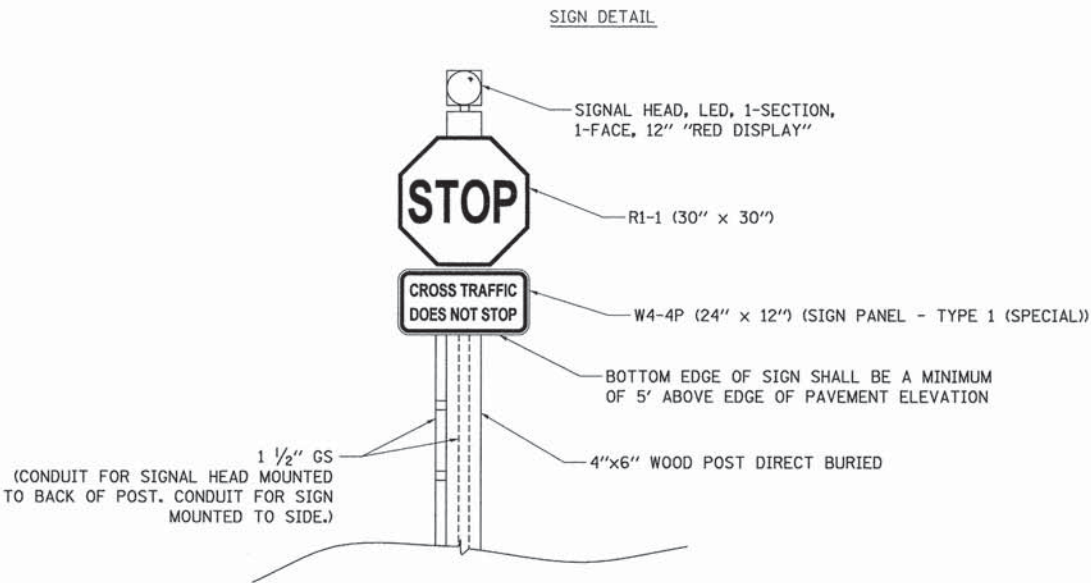
SCALE: 1"=20'

SHEET 4 OF 4 SHEETS

STA. 201+00 TO STA. 209+75

FLASHING BEACONS/SIGNS GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
2. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
3. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
4. A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF CONDUIT PAY ITEM.
5. ALL CONDUIT IN TRENCH SHALL BE PVC. ALL CONDUIT PUSHED MAY BE PVC OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES AND UNDER C.H. 4 AND C.H. 15 SHALL BE GALVANIZED STEEL.
6. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
7. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
8. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
9. THE CONTROLLER CABINET SHALL BE PLACED SO THAT A TECHNICIAN MAY SEE THE INTERSECTION OVER THE TOP OF THE CABINET WHILE WATCHING THE COMPONENTS IN THE CABINET.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
11. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 OF THE STANDARD SPECIFICATIONS.
12. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
13. THE SURGE PROTECTOR IN THE CONTROLLER CABINET SHALL HAVE AN INDICATOR LIGHT.
14. FOR CONDUIT GOING TO THE SIGNAL HEAD MOUNTED ON THE SIGN POST, 12 FEET OF CONDUIT ATTACHED TO STRUCTURE HAS BEEN INCLUDED FOR THE PORTION ATTACHED TO THE SIGN POST. THE CONDUIT ADAPTER FROM THE GROUND CONDUIT TO THE ATTACHED CONDUIT IS INCIDENTAL TO THE CONDUIT PAY ITEM.
15. SEE STANDARD 880001 FOR ADDITIONAL DETAILS.
16. THE CONTRACTOR SHALL COMPLY WITH AMEREN ILLINOIS METER STANDARDS FOUND IN THE CURRENT "AMEREN SERVICE MANUAL"



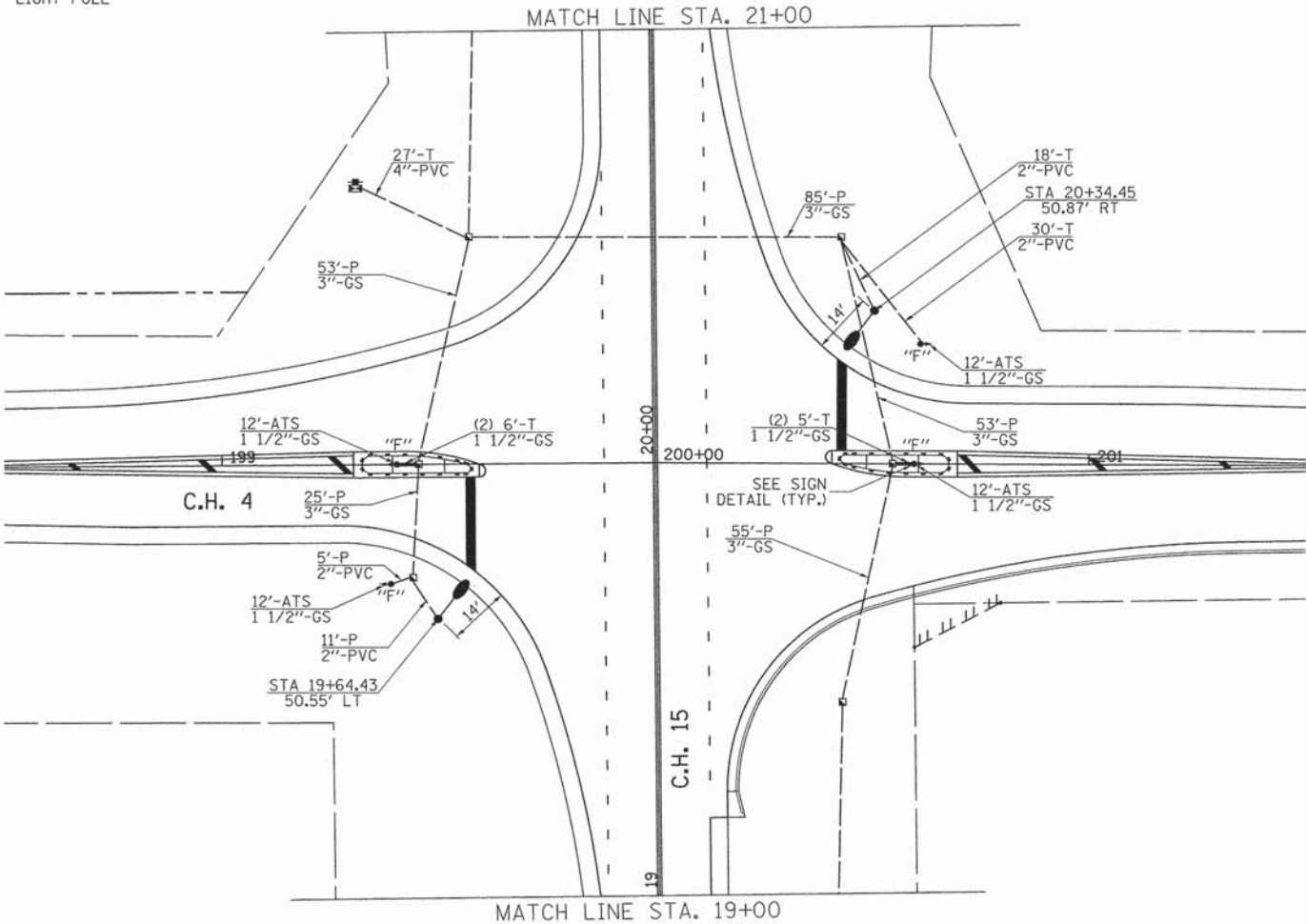
FLASHING BEACON/SIGNS LEGEND

- CONTROLLER AND CABINET
- HANDHOLE
- SERVICE INSTALLATION
- CONDUIT: "T" TRENCH, "P" PUSHED
- ATS ATTACHED TO STRUCTURE
- SIGNAL HEAD
- SIGNAL POST
- "F" INDICATES FLASHING SECTION
- LIGHT POLE

REMOVE EXISTING FLASHING BEACON
INSTALLATION COMPLETE - 1 EACH

THE FOLLOWING FLASHING BEACON EQUIPMENT SHALL BE REMOVED AND
DELIVERED BY THE CONTRACTOR TO THE LASALLE COUNTY HIGHWAY DEPARTMENT:

- 4 EACH SIGNAL HEAD
- 4 EACH SOLAR PANEL



FILE NAME =	USER NAME = bdecreene	DESIGNED - BJW	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 PROPOSED CABLE INSTALLATION	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-sht-ts-1-rev.dgn		DRAWN -	REVISED -			*	13-00323-00-SP	LA SALLE	57	30
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			*1355 & 268		CONTRACT NO. 87546		
	PLOT DATE = 3/17/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT HSIP0268(112)				
				SCALE: 1"=20'	SHEET 1 OF 6 SHEETS	STA. N/A	TO STA. N/A			

FLASHING BEACON/SIGNS LEGEND

- 

CONTROLLER AND CABINET
- 

HANDHOLE
- 

SERVICE INSTALLATION
- 

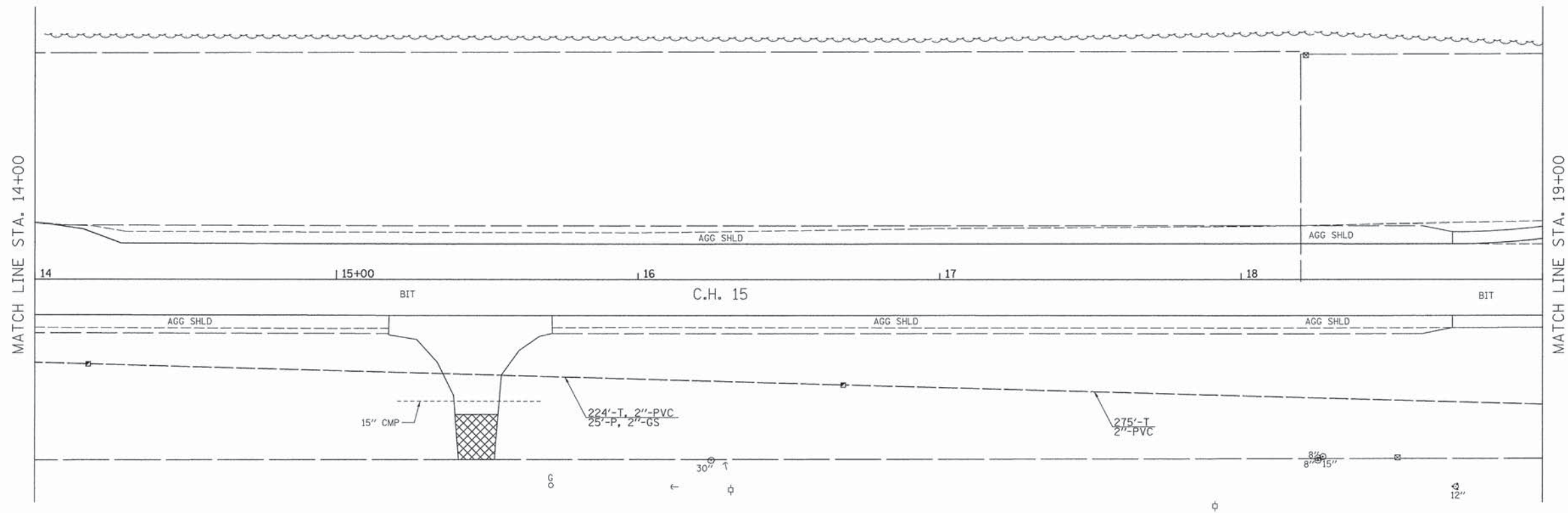
CONDUIT: "T" TRENCH, "P" PUSHED
- 

ATS ATTACHED TO STRUCTURE
- 

SIGNAL HEAD
- 

SIGNAL POST
- 

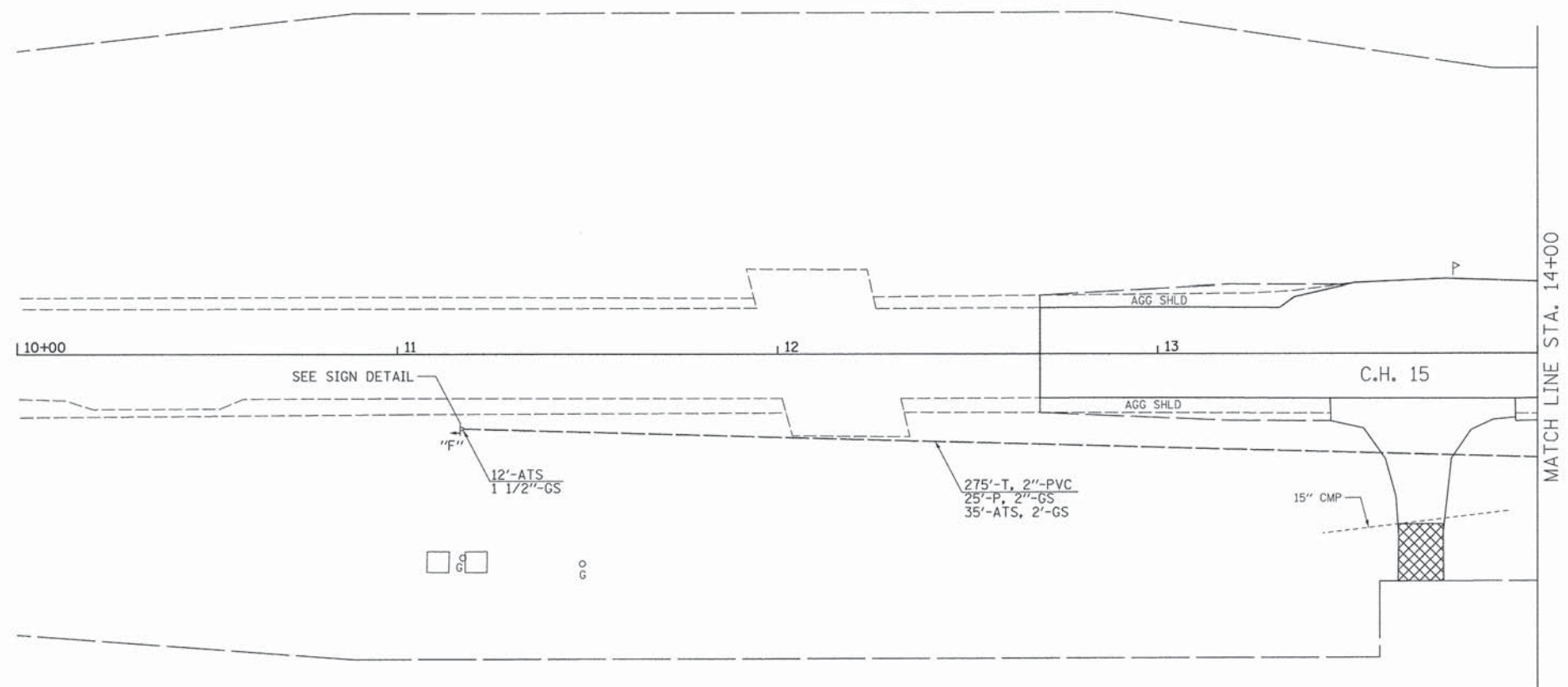
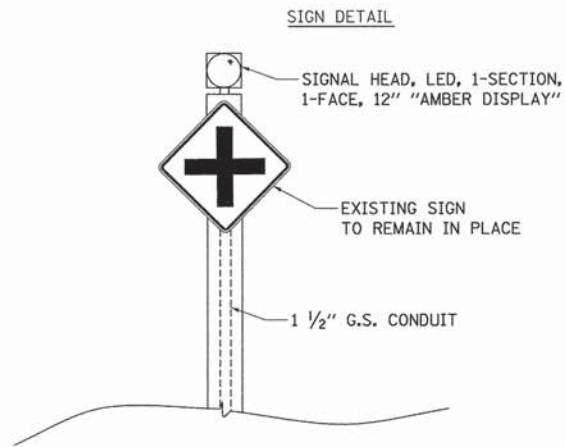
"F" INDICATES FLASHING SECTION



FILE NAME = V:\3454\CADD Sheets\3454-shr-ts-2.dgn Default	USER NAME = bdecreane	DESIGNED - BJW	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 PROPOSED CABLE INSTALLATION				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/17/2016	DATE -	REVISED -						[ILLINOIS] FED. AID PROJECT HSIP0268(112)				
					SCALE: 1"=20'	SHEET 2	OF 6	SHEETS	STA. 14+00	TO STA. 19+00			

FLASHING BEACON/SIGNS LEGEND

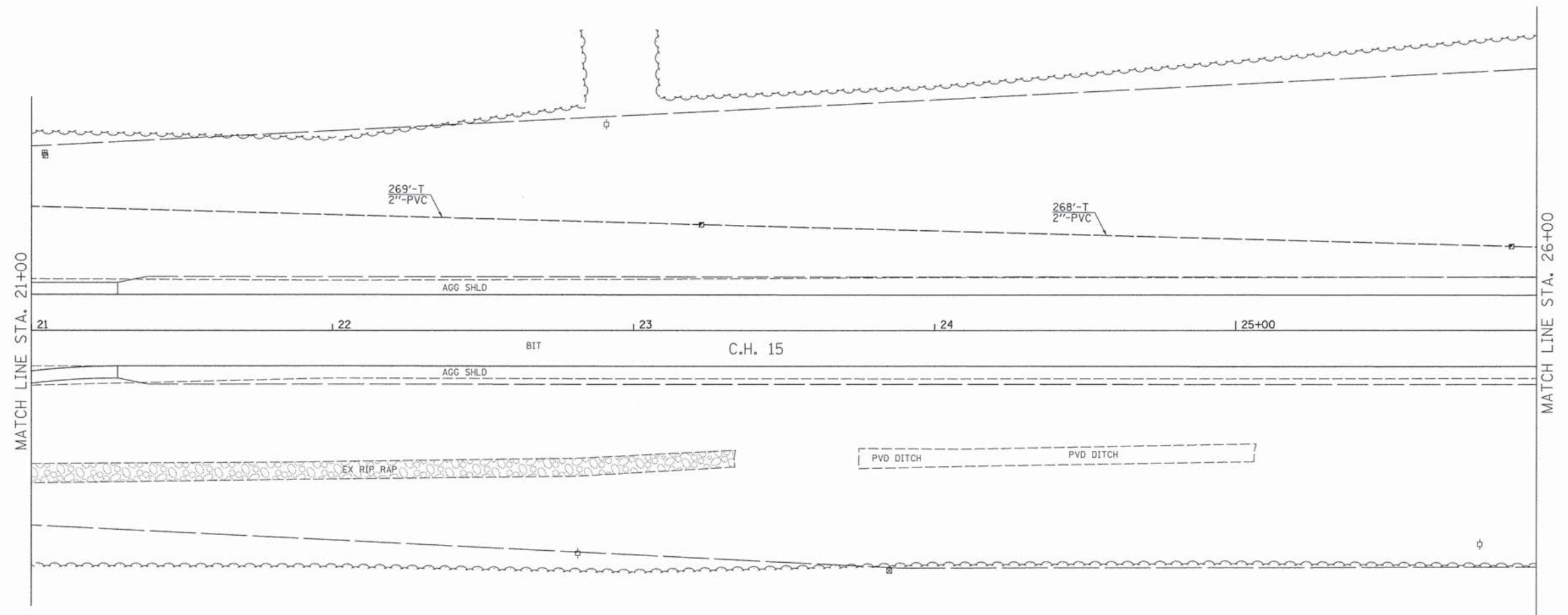
- CONTROLLER AND CABINET
- HANDHOLE
- SERVICE INSTALLATION
- CONDUIT: "T" TRENCH, "P" PUSHED
- ATS ATTACHED TO STRUCTURE
- SIGNAL HEAD
- SIGNAL POST
- "F" INDICATES FLASHING SECTION



FILE NAME =	USER NAME = bdecreene	DESIGNED - BJW	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 PROPOSED CABLE INSTALLATION				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\3454\CADD Sheets\3454-shr-ts-3.dgn		DRAWN -	REVISED -		*	13-00323-00-SP	LA SALLE	57	32				
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FLASHING BEACON/SIGNS LEGEND

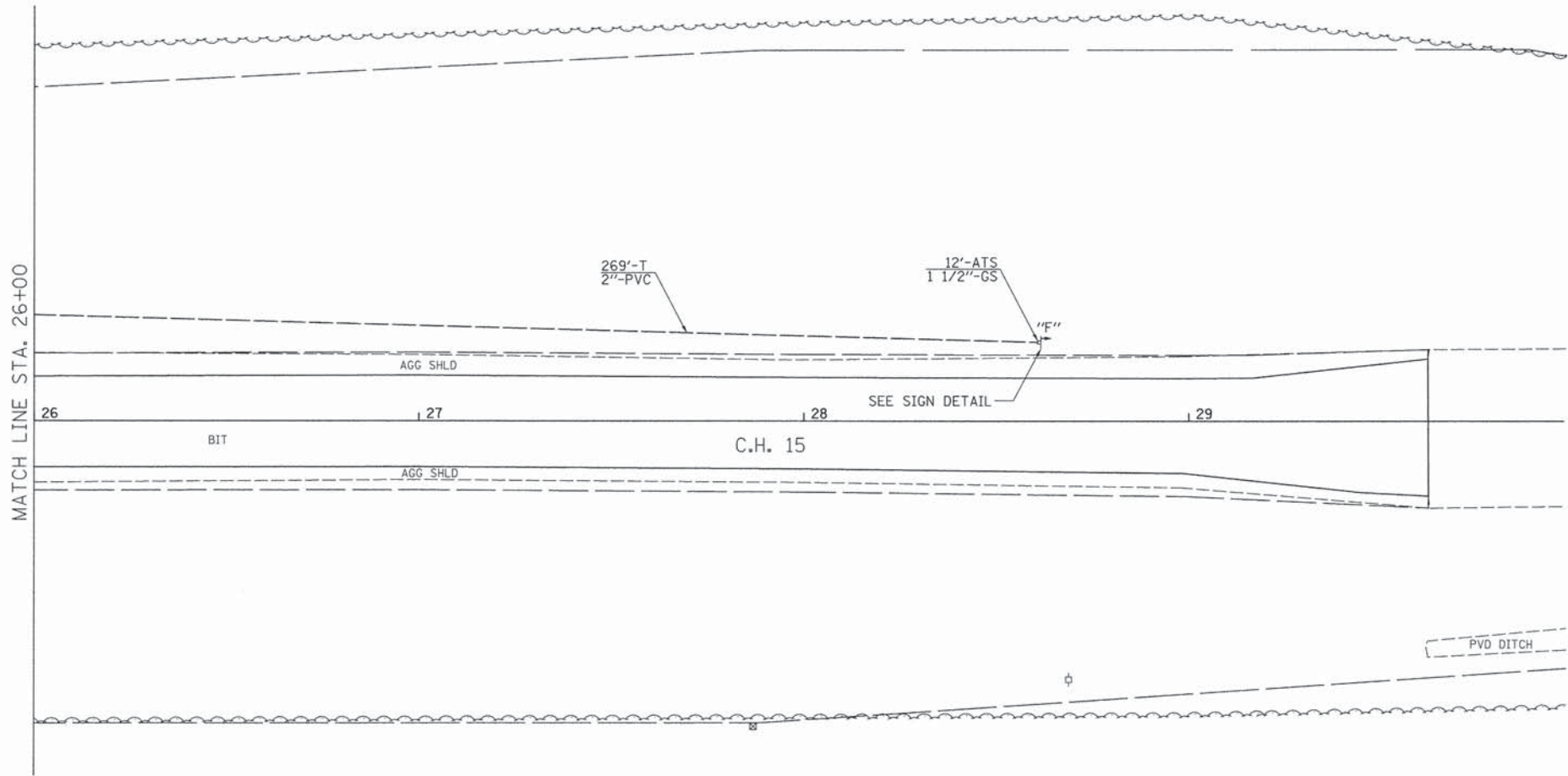
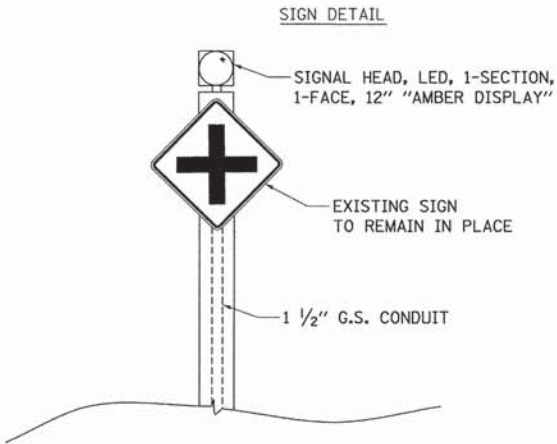
- CONTROLLER AND CABINET
- HANDHOLE
- SERVICE INSTALLATION
- CONDUIT: "T" TRENCH, "P" PUSHED
- ATS ATTACHED TO STRUCTURE
- SIGNAL HEAD
- SIGNAL POST
- "F" INDICATES FLASHING SECTION



FILE NAME = V:\3454\CADD Sheets\3454-shf-ts-4.dgn Default	USER NAME = bdecreene	DESIGNED - BJW	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 PROPOSED CABLE INSTALLATION	SCALE: 1"=20'	SHEET 4 OF 6 SHEETS	STA. N/A TO STA. N/A	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/17/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT HSIP0268(112)				

FLASHING BEACON/SIGNS LEGEND

- CONTROLLER AND CABINET
- HANDHOLE
- SERVICE INSTALLATION
- CONDUIT: "T" TRENCH, "P" PUSHED
- ATS ATTACHED TO STRUCTURE
- SIGNAL HEAD
- SIGNAL POST
- "F" INDICATES FLASHING SECTION



FILE NAME =	USER NAME = bdecreene	DESIGNED - BJW	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 PROPOSED CABLE INSTALLATION				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 3/17/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT HSIP0268(112)					
SCALE: 1"=20'					SHEET 5	OF 6 SHEETS	STA. N/A	TO STA. N/A						

PROPOSED CABLE DIAGRAM LEGEND

- CONTROLLER AND CABINET
HANDHOLE
SERVICE INSTALLATION
INDICATES FLASHING SECTION
"F" INDICATES FLASHING SECTION
DENOTES NUMBER OF CONDUCTORS
GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
GROUND ROD AT POST
GROUND ROD AT ELECTRIC SERVICE INSTALLTION
GROUND ROD AT CONTROLLER
CTDNS CROSS TRAFFIC DOES NOT STOP (W4-4P) SIGN PANEL - TYPE 1 (SPECIAL)
LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL

SCHEDULE OF QUANTITIES

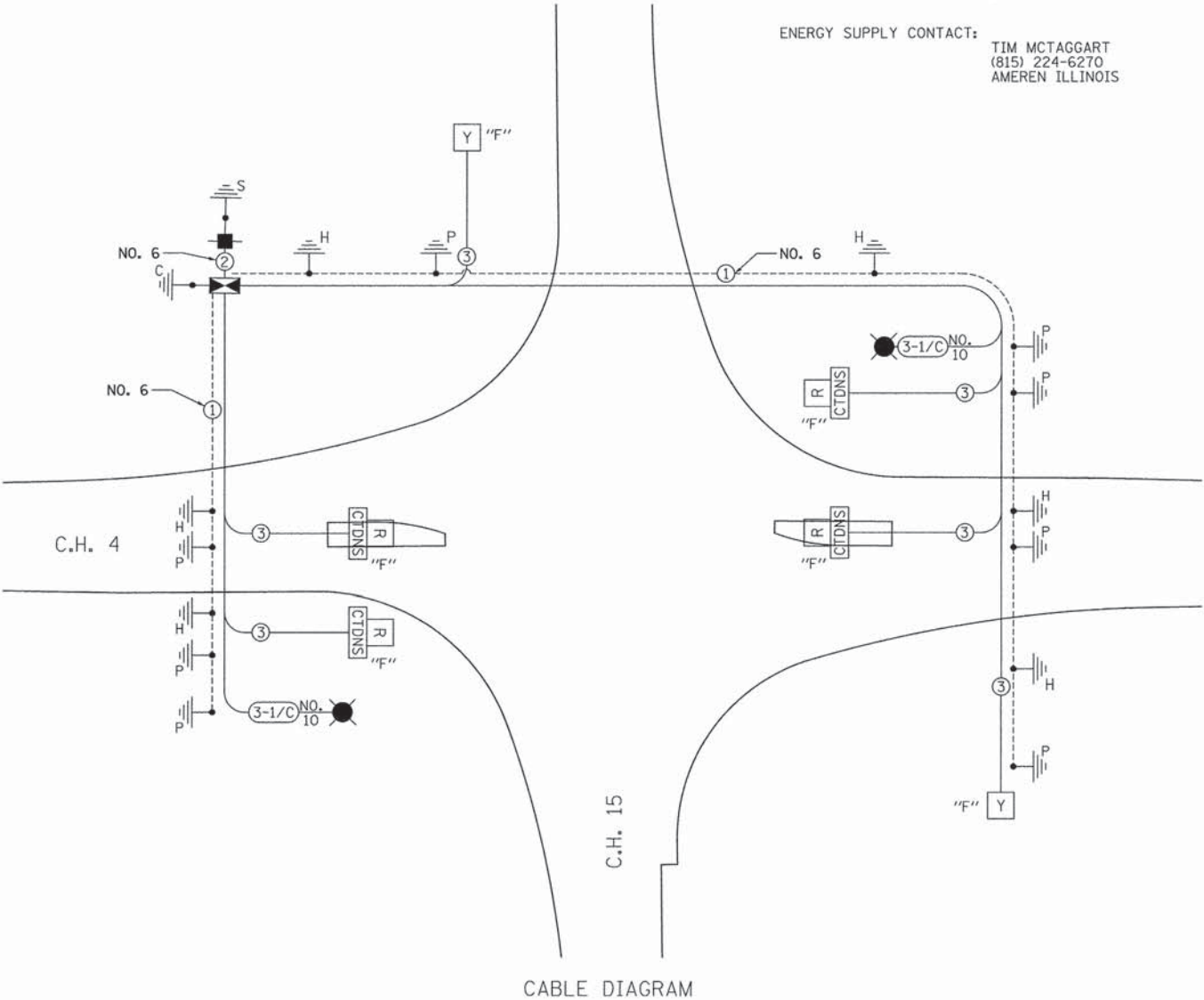
ITEM NUMBER	ITEM NAME	UNIT	PLAN QUANTITY
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	22
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	50
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	271
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1644
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	27
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	72
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	35
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	10
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	430
82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	2
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	13
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	1
85800100	FLASHER CONTROLLER	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2707
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	15
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2123
88030012	SIGNAL HEAD, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	6
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
X8211125	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	2
X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	8

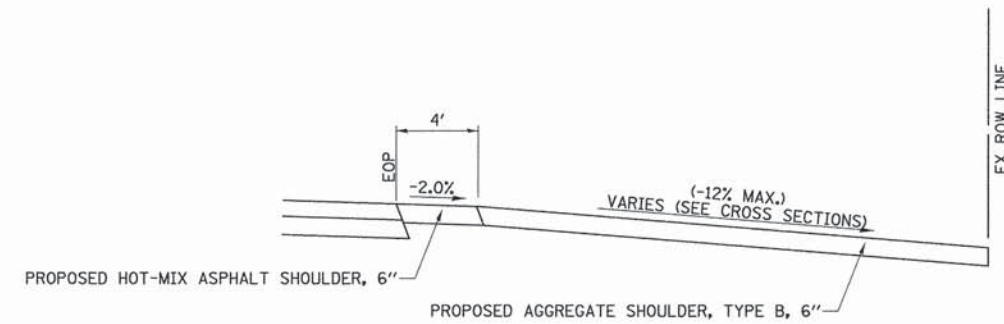
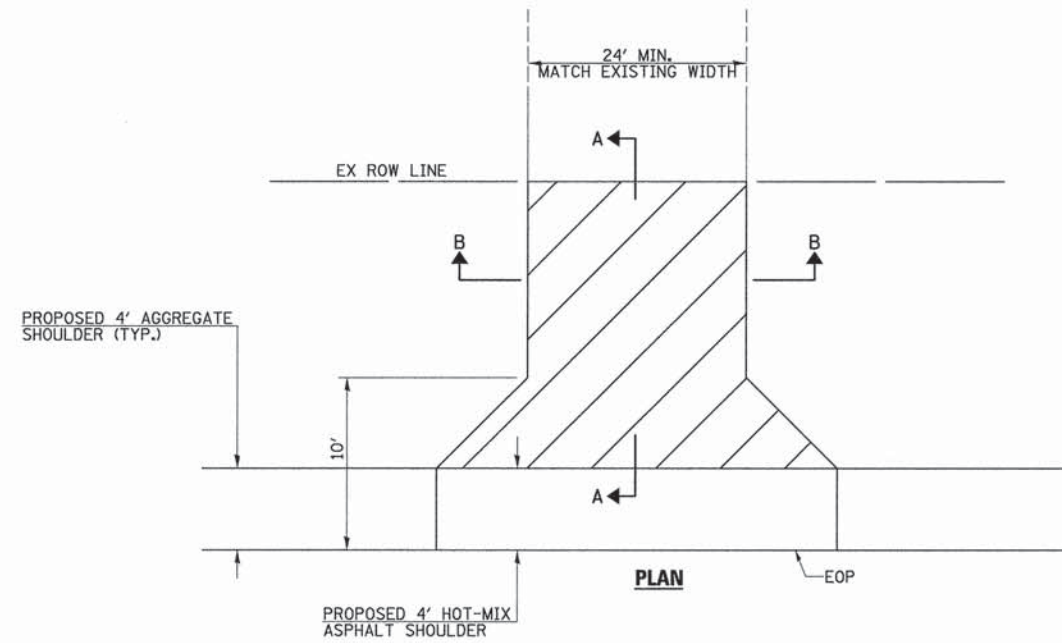
SEE SPECIAL PROVISIONS

LASALLE COUNTY HIGHWAY DEPARTMENT FLASHING BEACON/LIGHTING INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NUMBER	WATTAGE	% OPERATION	
FLASHER (RED)	4	10	0.50	20.00
FLASHER (YELLOW)	2	17	0.50	17.00
LED SIGN	4	8	0.50	16.00
CONTROLLER	1	100	1.00	100.00
LED LUMINAIRES	2	300	0.50	300.00
TOTAL =				453.00

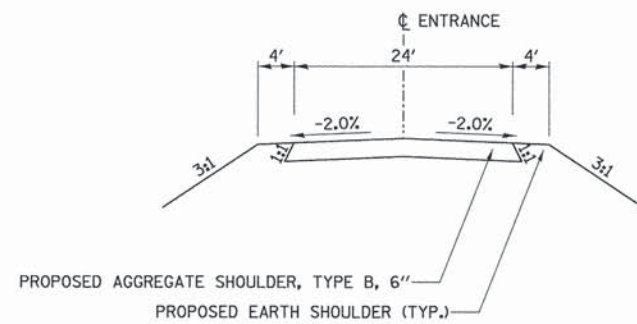
ENERGY COSTS TO:
LASALLE COUNTY HIGHWAY DEPARTMENT
1400 NORTH 27TH ROAD
OTTAWA, IL 61350

ENERGY SUPPLY CONTACT:
TIM MCTAGGART
(815) 224-6270
AMEREN ILLINOIS



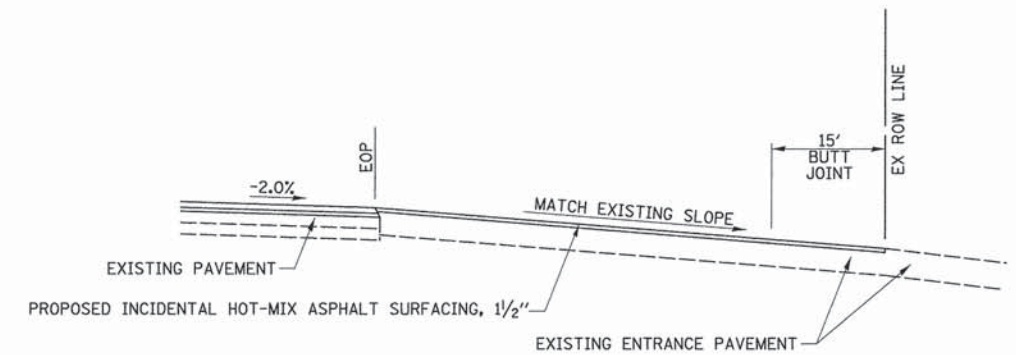
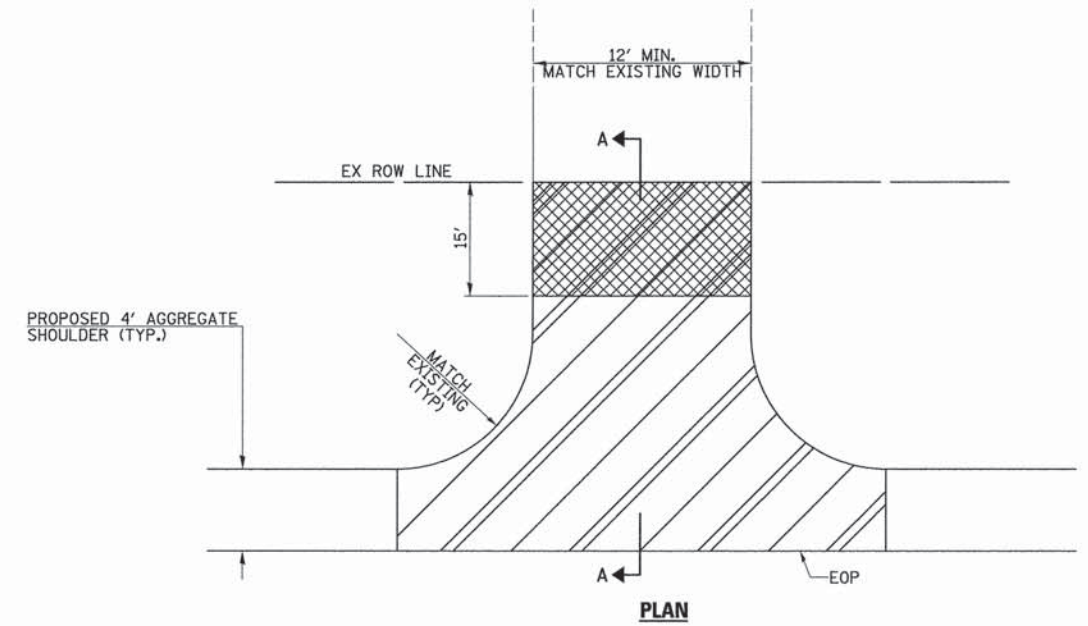


SECTION A-A



SECTION B-B

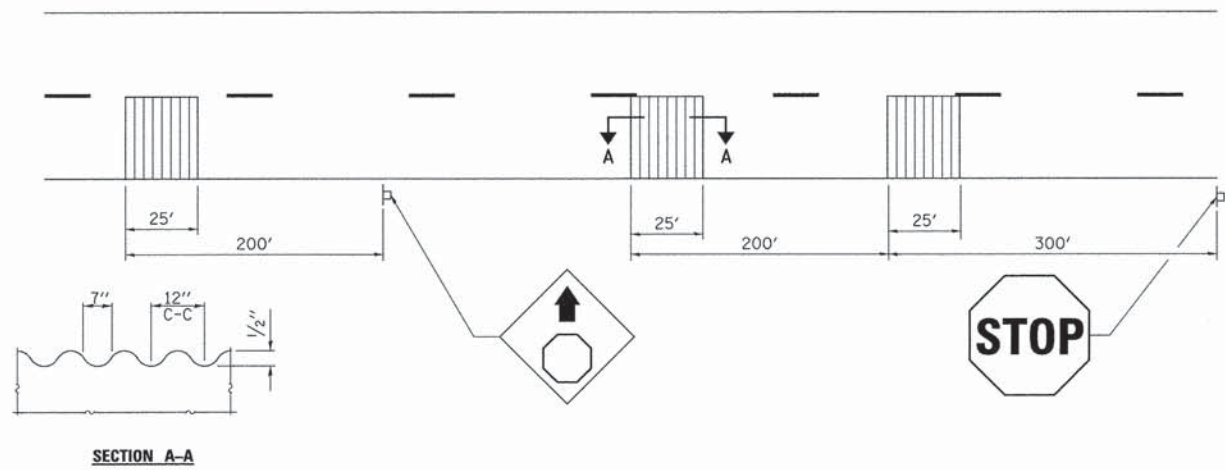
FIELD ENTRANCE (FE) DETAILS



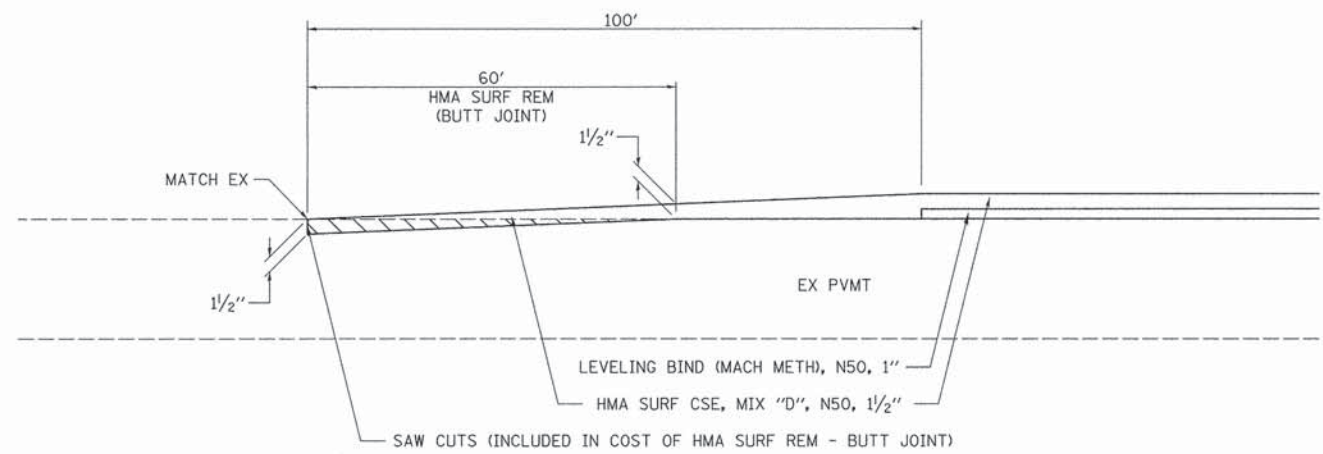
SECTION A-A

PRIVATE ENTRANCE (PE) DETAILS

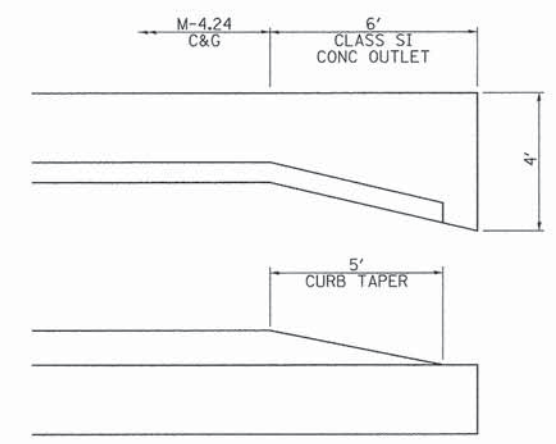
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V:\3454\CADD Sheets\3454-sht-detail-1.dgn		DRAWN -	REVISED -				*	13-00323-00-SP	LA SALLE	57 36
PLOT SCALE = 1/8" = 1'		CHECKED -	REVISED -					* 1355 & 268		CONTRACT NO. 87546
PLOT DATE = 3/17/2016		DATE -	REVISED -				FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	HSIP0268(112)
				SCALE: N/A		SHEET NO. 1 OF 2 SHEETS		STA. N/A TO STA. N/A		



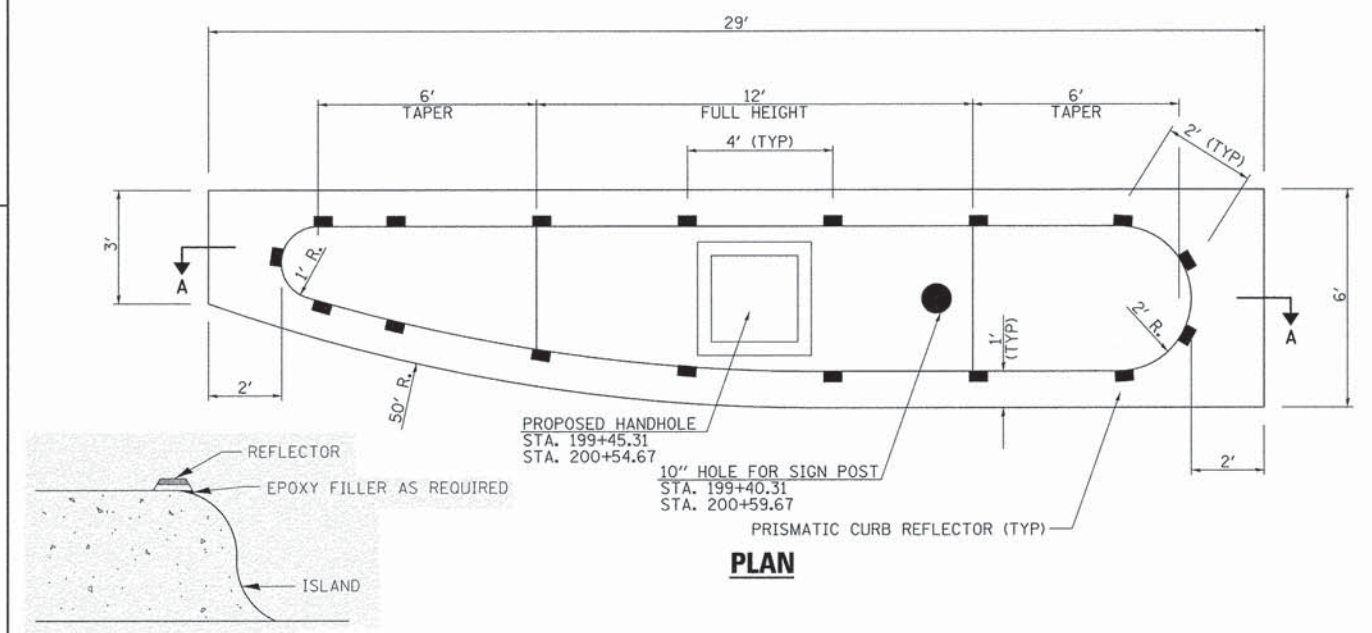
TYPICAL GROOVED "MILLED IN" RUMBLE STRIP APPLICATION IN ADVANCE OF AN INTERSECTION



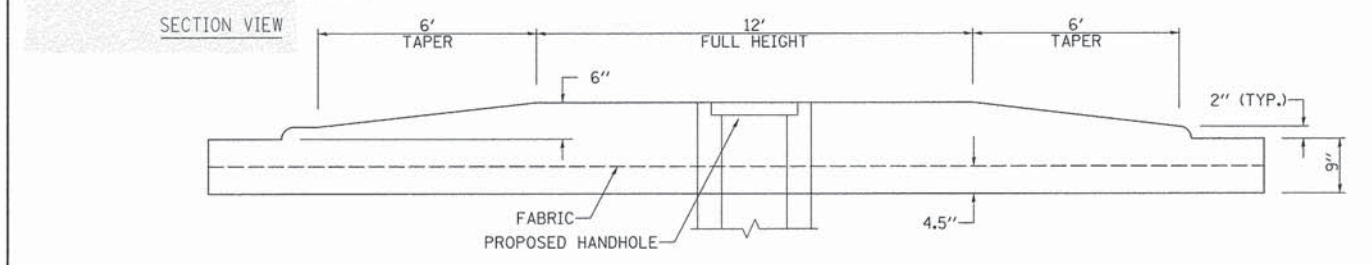
BEGINNING /ENDING TRANSITION DETAIL



CLASS SI CONCRETE OUTLET DETAIL



PLAN



SECTION A-A

SOLID MEDIAN TYPE SM-6.12 DETAIL

FILE NAME =	USER NAME = bdeorene	DESIGNED -	REVISED -	LA SALLE COUNTY	C.H. 15 & C.H. 4 SPECIAL DETAILS				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/17/2016		DATE -	REVISED -										
					SCALE: N/A	SHEET NO. 2 OF 2 SHEETS	STA. N/A	TO STA. N/A		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT HSIP0268(112)	

NOTES

THE REFERENCE MARKERS SHALL BE CONSTRUCTED BY POURING CLASS SI CONCRETE INTO HOLES PREPARED BY A POST HOLE DIGGER OR OTHER APPROVED METHODS. FORMS WILL NOT BE REQUIRED. PRECAST MARKERS OF THE SAME SIZE AND CONSTRUCTION MAY BE USED.

IN CULTIVATED FIELDS REFERENCE MARKERS SHALL BE PLACED TWO FEET BELOW THE GROUND SURFACE. IN FENCE LINES OR PROTECTED AREAS THE TOP SHALL BE PLACED AT GROUND LEVEL.

THE FOLLOWING WORK SHALL BE DONE UNDER THE DIRECTION OF A REGISTERED LAND SURVEYOR OF THE STATE OF ILLINOIS:

VERIFY AND TIE OFF ALL U.S. PUBLIC LAND SURVEY MONUMENTS, SHOWN IN THE PLANS, PRIOR TO CONSTRUCTION OPERATIONS. TIE POINTS SHALL BE SUFFICIENT IN NUMBER AND IN LOCATIONS AS NOT TO BE DISTURBED DURING CONSTRUCTION OPERATIONS.

AFTER CONSTRUCTION OPERATIONS ARE COMPLETE, INSTALL A PERMANENT SURVEY MARKER OF THE TYPE SPECIFIED TO REPLACE THE U.S. PUBLIC LAND SURVEY MONUMENT THAT WAS DISPLACED OR COVERED DURING CONSTRUCTION. THE LETTERING REFERRING TO THE STATE OF ILLINOIS AND DIVISION OF HIGHWAYS SHALL BE OMITTED FROM THE PERMANENT SURVEY MARKER AND THE MARKER SHALL BE MARKED AS DIRECTED BY THE ENGINEER.

SET FOUR CONCRETE REFERENCE MARKERS FOR EACH U.S. PUBLIC LAND SURVEY MONUMENT.

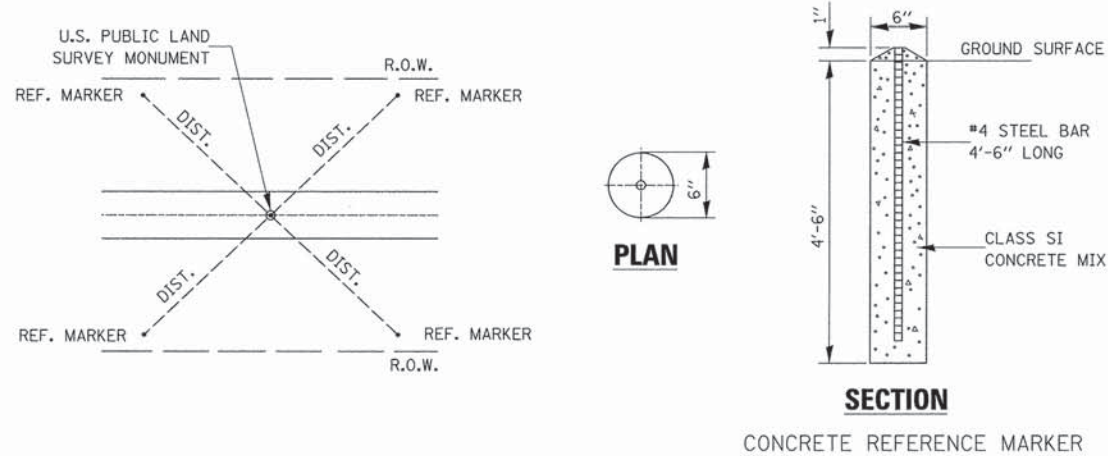
PREPARE MONUMENT RECORDS, FILE THE RECORDS AT THE COUNTY RECORDER'S OFFICE, AND PROVIDE A COPY TO THE DISTRICT OFFICE.

PERMANENT SURVEY MARKERS, OF THE TYPE SPECIFIED

SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, WHICH WILL BE PAYMENT IN FULL FOR FURNISHING, INSTALLING AND MARKING SAID MARKERS.

LAND SECTION MARKERS

SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, WHICH WILL BE PAYMENT IN FULL FOR SETTING TIE POINTS, SETTING FOUR CONCRETE REFERENCE MARKERS, PREPARING MONUMENT RECORDS, RECORDING AT COUNTY RECORDER'S OFFICE AND PROVIDING A COPY TO THE DISTRICT OFFICE.



LAND SECTION MARKER DETAILS

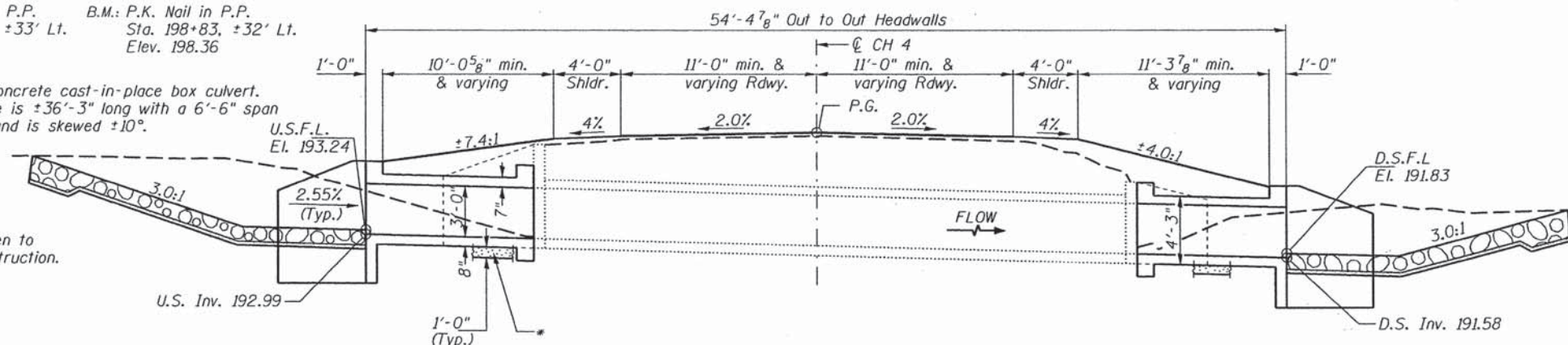
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V:\3454\CADD Sheets\3454-sht-detail-3.dgn		DRAWN -	REVISED -						*	13-00323-00-SP	LA SALLE	57	38
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	PLOT DATE = 3/17/2016	DATE -	REVISED -										
					SCALE: N/A	SHEET NO. 3 OF 3 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT HSIP0268(112)				

B.M.: R.R. Spike in P.P. Sta. 201+83, ±33' Lt. Elev. 200.00
 B.M.: P.K. Nail in P.P. Sta. 198+83, ±32' Lt. Elev. 198.36

Existing Structure:
 Reinforced concrete cast-in-place box culvert.
 The structure is ±36'-3" long with a 6'-6" span and 3' rise and is skewed ±10°.

Salvage: None.

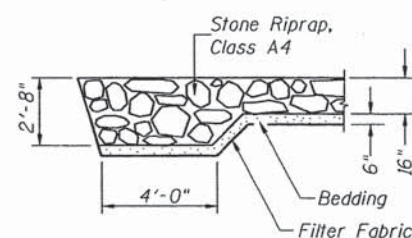
Road to remain open to traffic during construction.



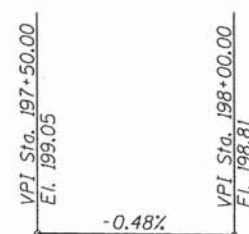
LONGITUDINAL SECTION

Dimensions are at Rt. L's to C Roadway

* Unsuitable Material Removal and Replacement with P.G.E. Limits are 2' outside the bottom slab and extends the length of the extension.



SECTION A-A

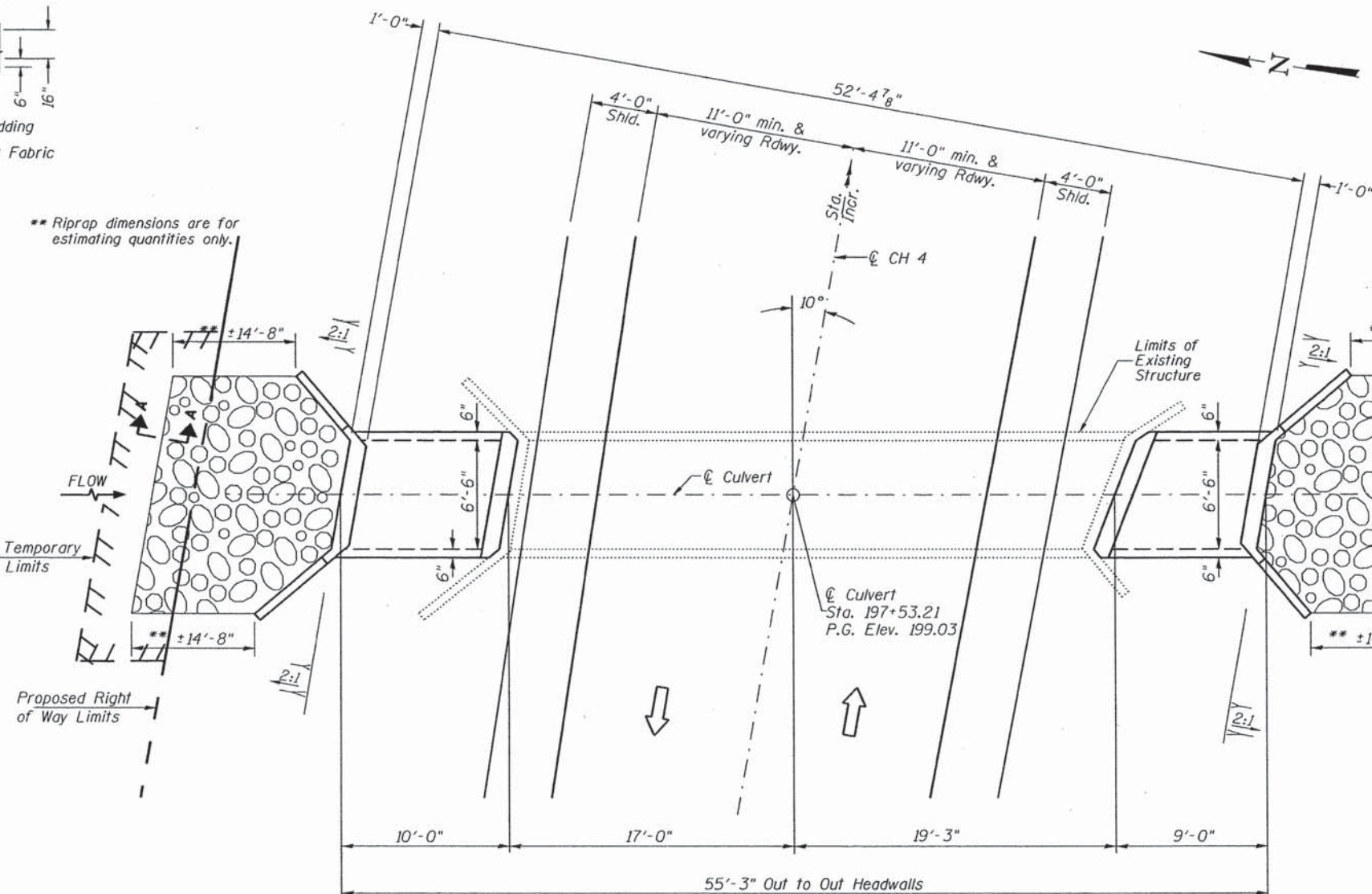


PROFILE GRADE

(C.H. 4)

Proposed Temporary Easement Limits

Proposed Right of Way Limits



PLAN

DESIGNED	CTM
CHECKED	STM
DRAWN	CTM
CHECKED	STM/BAN

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges
 17th Edition with Interims

DESIGN STRESSES

(New Construction)

FIELD UNITS

$f'_c = 3,500$ psi

$f_y = 60,000$ psi (Reinforcement)

GENERAL NOTES

Reinforcement Bars shall conform to the requirements of ASTM A 706 Grade 60.

For backfilling and embankment see Standard Specifications.

All construction joints shall be bonded.

Exposed concrete edges shall have a $\frac{3}{4}$ " chamfer unless otherwise noted.

Precast culvert option will not be allowed.

Layout of stone riprap may be varied in the field to suit ground conditions as directed by the Engineer.

The full length of the barrel extension shall be poured monolithically with the wingwall.

All excavation required for construction of the culvert in accordance with the Standard Specifications shall be included in the cost of Concrete Box Culverts.

Areas of excavation required for the construction of the new culvert shall be backfilled with Porous Granular Embankment up to the top of slab elevation. See Special Provisions for more detailed information.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall 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.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	CU YD	0.2
Concrete Box Culverts	CU YD	14.2
① Reinforcement Bars	POUND	2,550
Stone Riprap, Class A4	SQ YD	55
Filter Fabric	SQ YD	55
$\frac{3}{4}$ " ϕ Expansion Bolts	EACH	28
Removal & Disposal of Unsuitable Material	CU YD	10
① Porous Granular Embankment	CU YD	30

① See Special Provisions

I certify that to the best of my knowledge, information and belief, this culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specification for Highway Bridges.

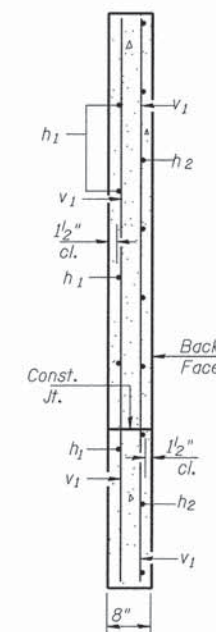
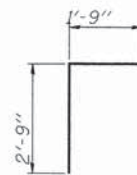
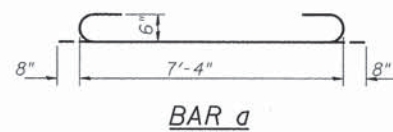
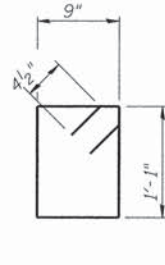
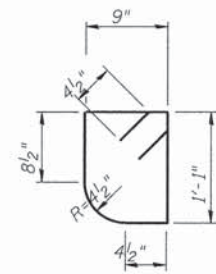
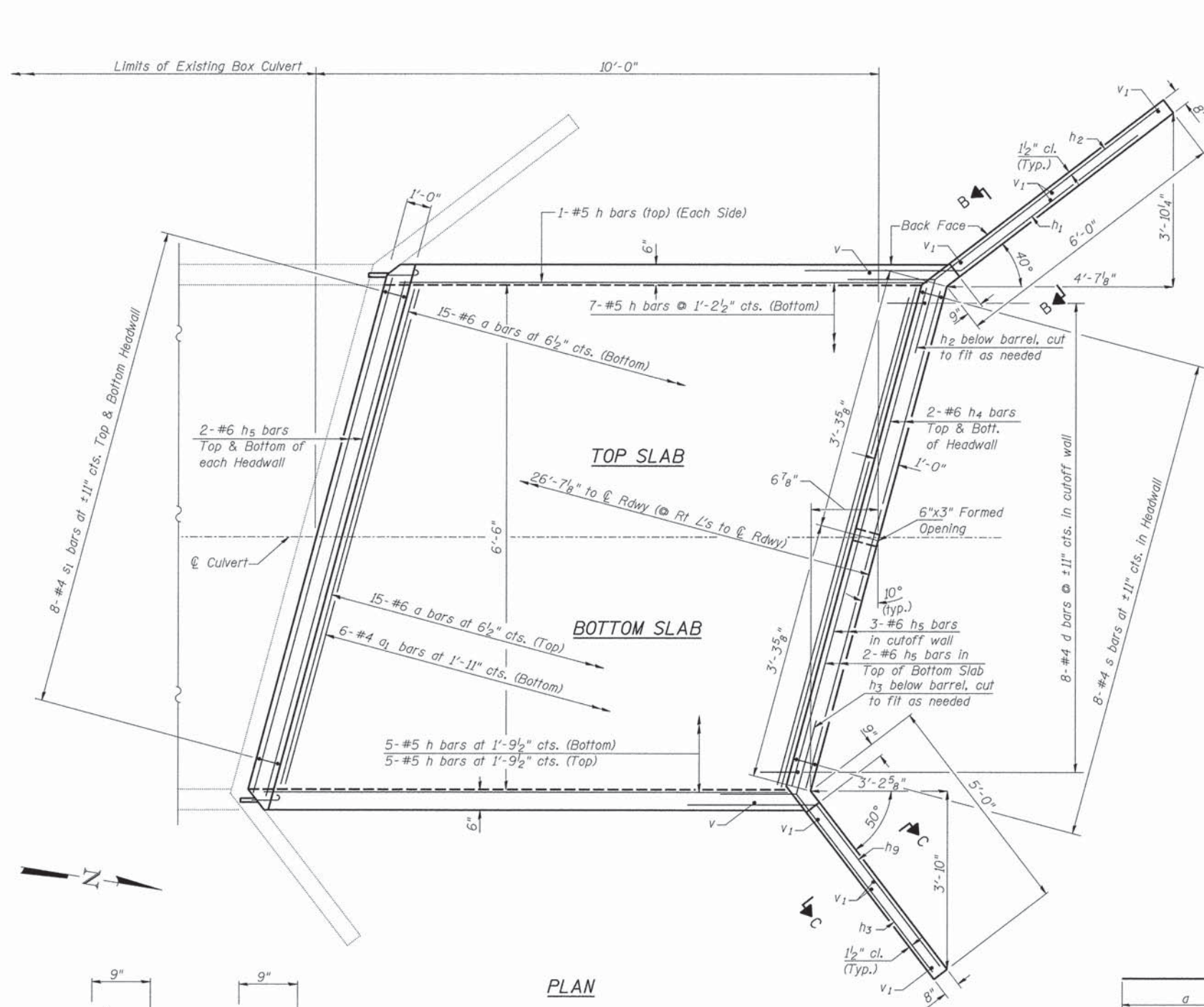
1/5/15
 Illinois Structural No. 6527
 Expires 11/30/2016



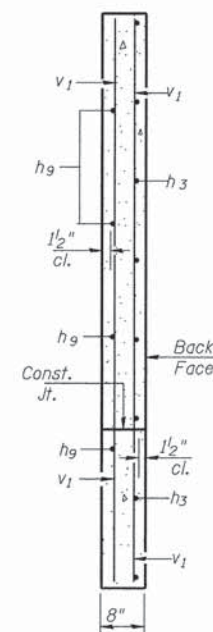
LOCATION SKETCH

GENERAL PLAN & ELEVATION

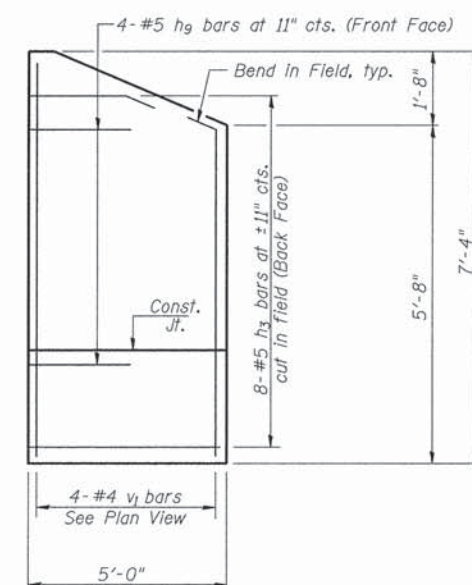
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5 SHEETS	*	13-00323-00-SP	LASALLE	57	39
		*1355 & 268	CONTRACT NO. 87546		
		FED. ROAD DIST. NO. 7 ILLINOIS	FED. AID PROJECT HSIP-0268(112)		



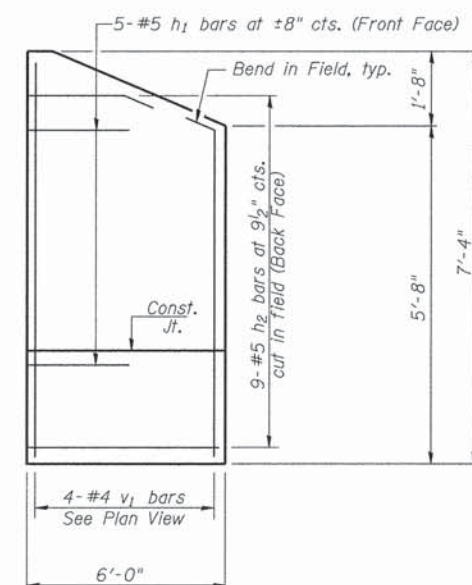
SECTION B-B
(Long Wingwall)



SECTION C-C
(Short Wingwall)



SHORT WINGWALL

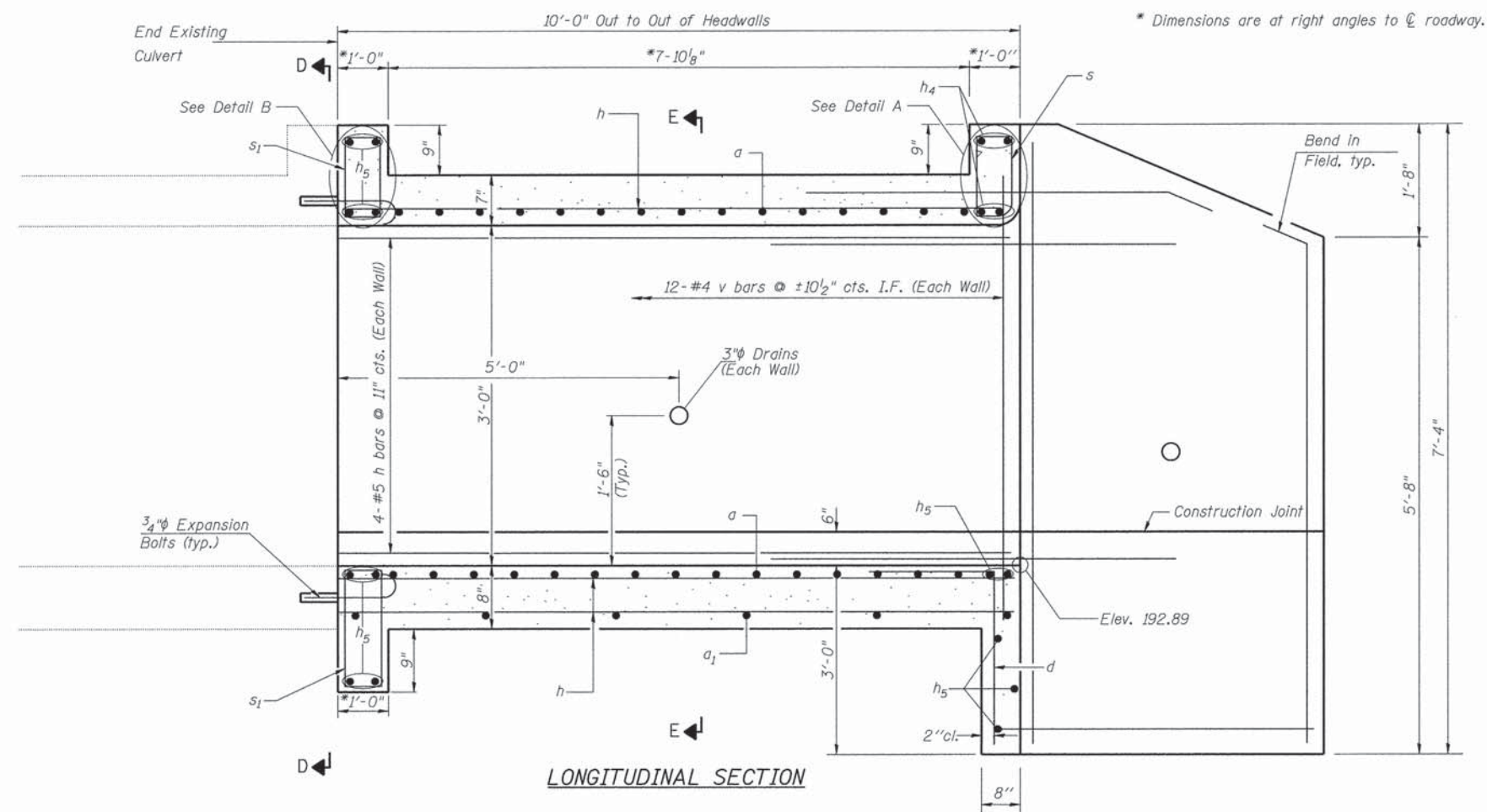


LONG WINGWALL

Bar	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
<i>h</i> ₁	5'-0"	3'-0"	2'-3½"	1'-11"
<i>h</i> ₂	6'-0"	3'-0"	2'-3½"	1'-11"
<i>h</i> ₃	5'-0"	3'-0"	1'-11"	2'-3½"
<i>h</i> ₉	4'-5"	3'-0"	1'-11"	2'-3½"

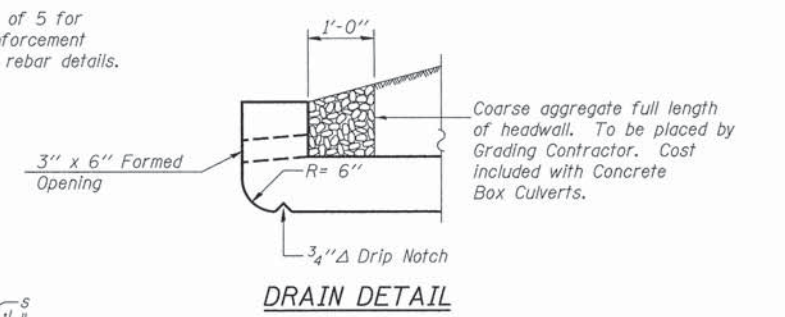
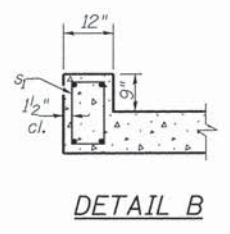
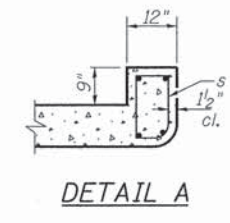
NORTH CULVERT EXTENSION DETAILS

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			CONTRACT NO. <u>87546</u>		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT HSIP0268(112)		



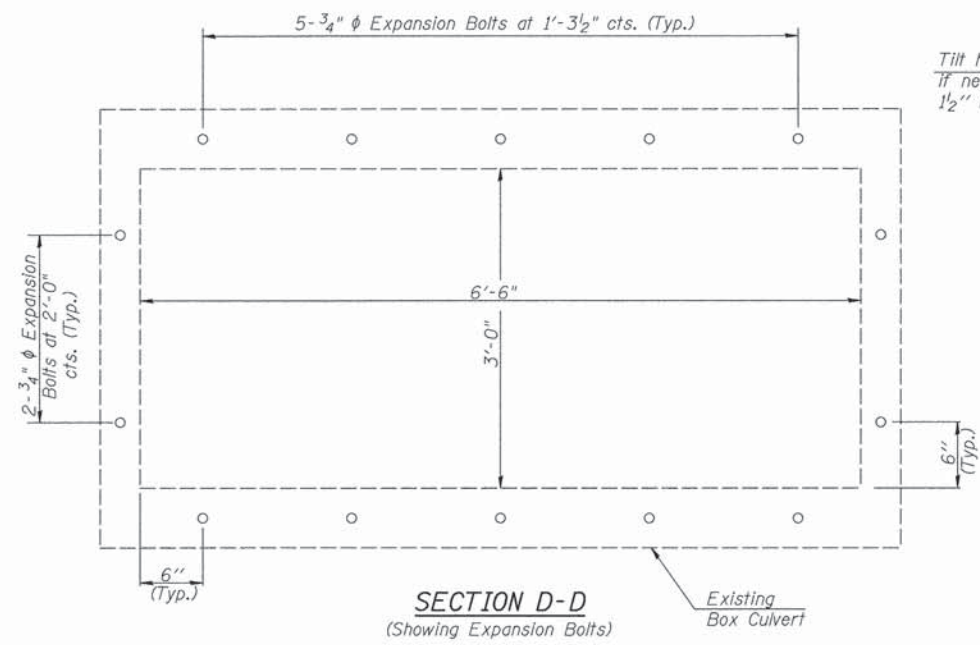
* Dimensions are at right angles to $\odot$ roadway.

Note: See sheet 2 of 5 for wingwall reinforcement placement & rebar details.

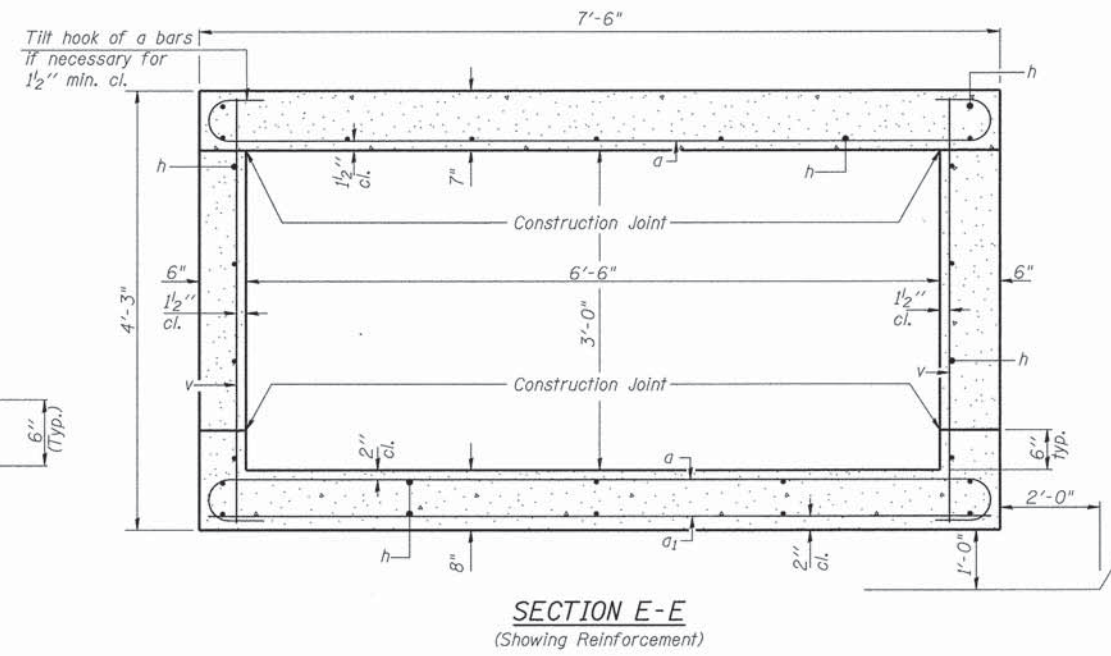


BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a	30	#6	8'-8"	U
a ₁	6	#4	7'-4"	—
d	8	#4	4'-6"	—
h	27	#5	9'-9"	—
h ₁	5	#5	8'-0"	—
h ₂	9	#5	9'-0"	—
h ₃	8	#5	8'-0"	—
h ₄	4	#6	6'-4"	—
h ₅	13	#6	6'-5"	—
h ₉	4	#5	7'-5"	—
s	8	#4	4'-3"	D
s ₁	16	#4	4'-5"	D
v	24	#4	3'-11"	—
v ₁	8	#4	7'-0"	—
Concrete Box Culverts			CU. YD.	7.3
Reinforcement Bars			POUND	1,270
3/4" ϕ Expansion Bolts			EACH	14



Notes: Expansion Bolts shall be 3/4" ϕ hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
I.F. = Inner Face



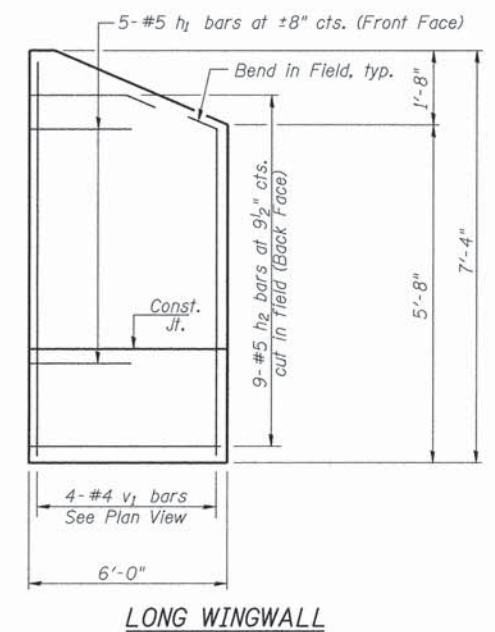
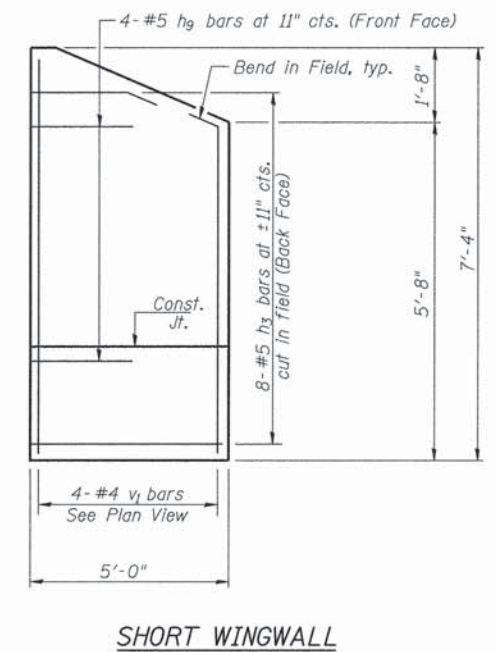
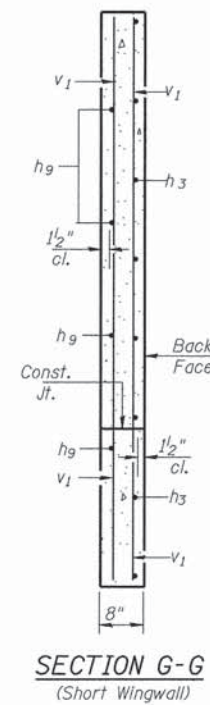
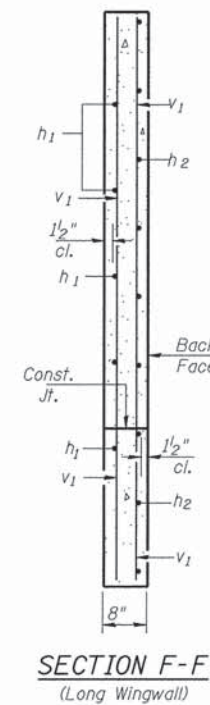
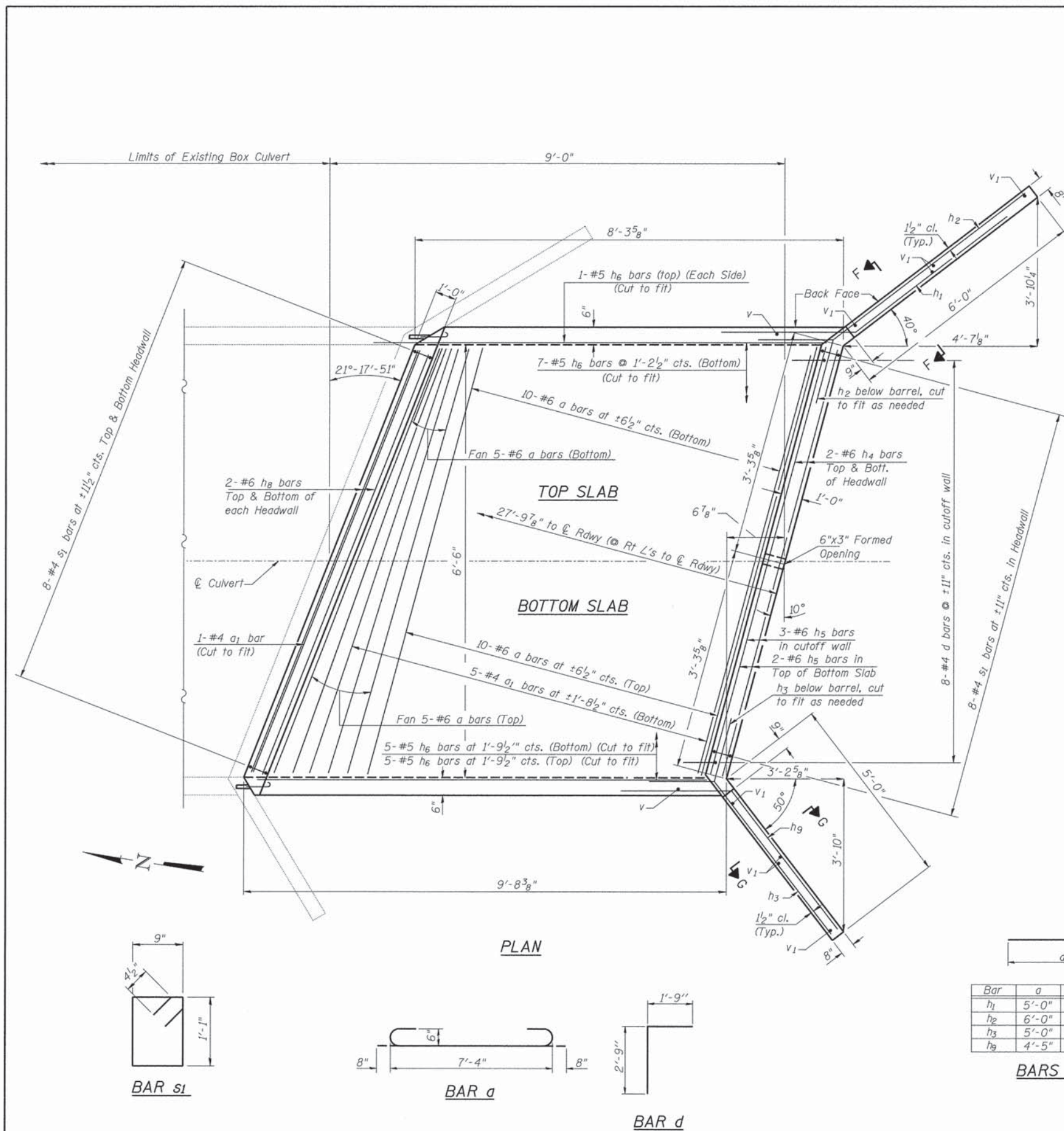
Elev. ±196.40

** Porous Granular Embankment

** See Special Provisions

NORTH CULVERT EXTENSION DETAILS

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	CONTRACT NO. 87546				
	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT HSIPO268(112)				

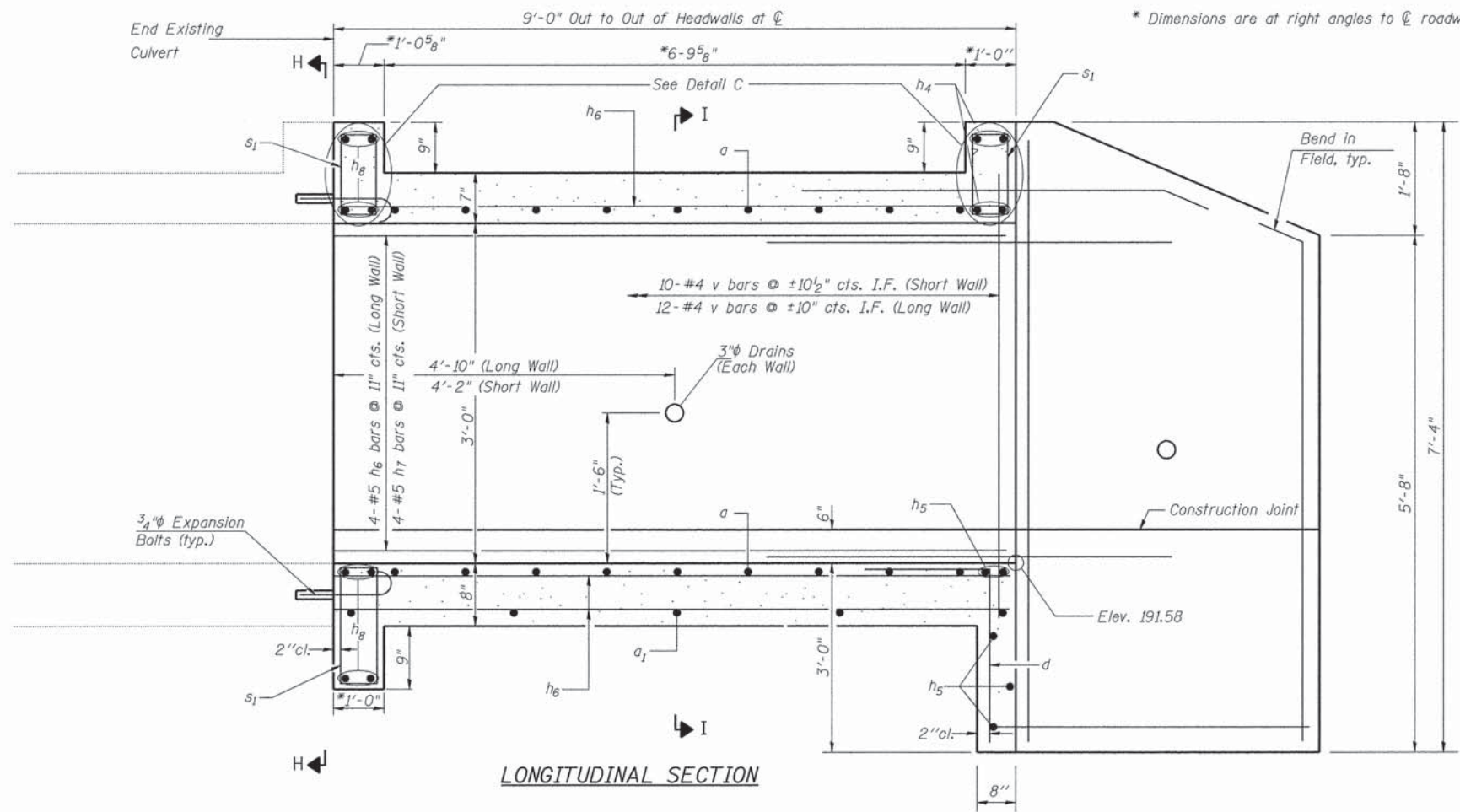


Bar	a	b	c	d
h_1	5'-0"	3'-0"	2'-3 1/2"	1'-11"
h_2	6'-0"	3'-0"	2'-3 1/2"	1'-11"
h_3	5'-0"	3'-0"	1'-11"	2'-3 1/2"
h_9	4'-5"	3'-0"	1'-11"	2'-3 1/2"

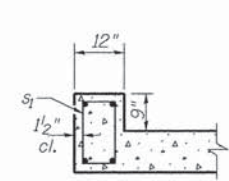
BARS h_1, h_2, h_3, h_9

SOUTH CULVERT EXTENSION DETAILS

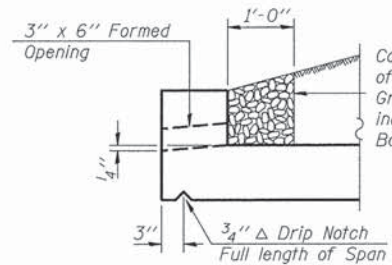
SHEET NO. 4 5 SHEETS	RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT HSIP0268(112)		



Note: See sheet 4 of 5 for wingwall reinforcement placement & rebar details.



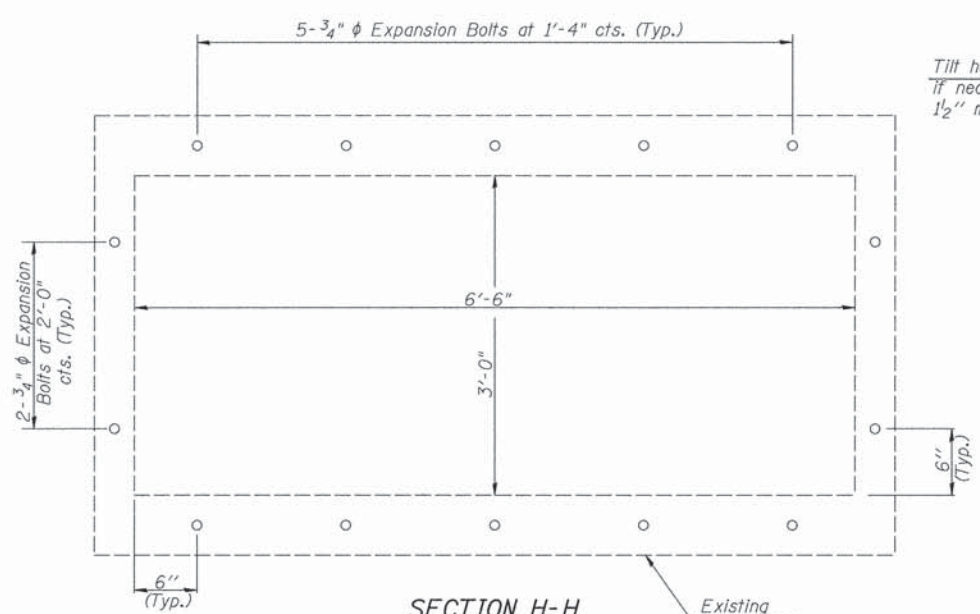
DETAIL C



DRAIN DETAIL

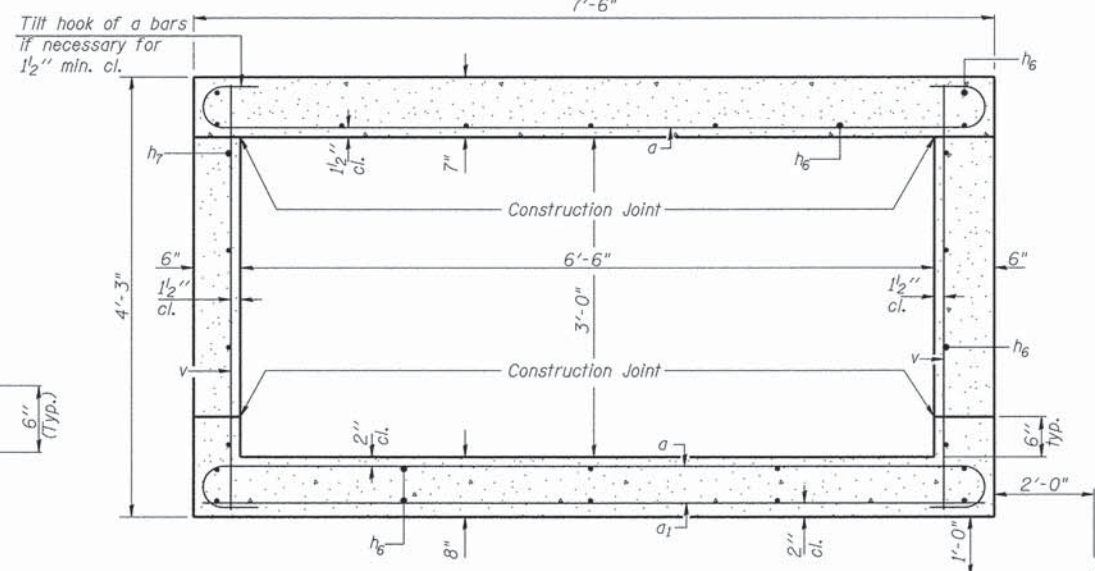
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a	30	#6	8'-8"	U
a1	6	#4	7'-4"	—
d	8	#4	4'-6"	—
h1	5	#5	8'-0"	—
h2	9	#5	9'-0"	—
h3	8	#5	8'-0"	—
h4	4	#6	6'-4"	—
h5	5	#6	6'-5"	—
h6	23	#5	9'-3"	—
h7	4	#5	7'-9"	—
h8	8	#6	6'-10"	—
h9	4	#5	7'-5"	—
s1	24	#4	4'-5"	U
v	22	#4	3'-11"	—
v1	8	#4	7'-0"	—
Concrete Box Culverts			CU. YD.	6.9
Reinforcement Bars			POUND	1,260
3/4" phi Expansion Bolts			EACH	14



SECTION H-H

Note: Expansion Bolts shall be 3/4" phi hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
I.F. = Inner Face



SECTION I-I

(Looking South)
(Showing Reinforcement)

Elev. ±195.20

** Porous Granular Embankment

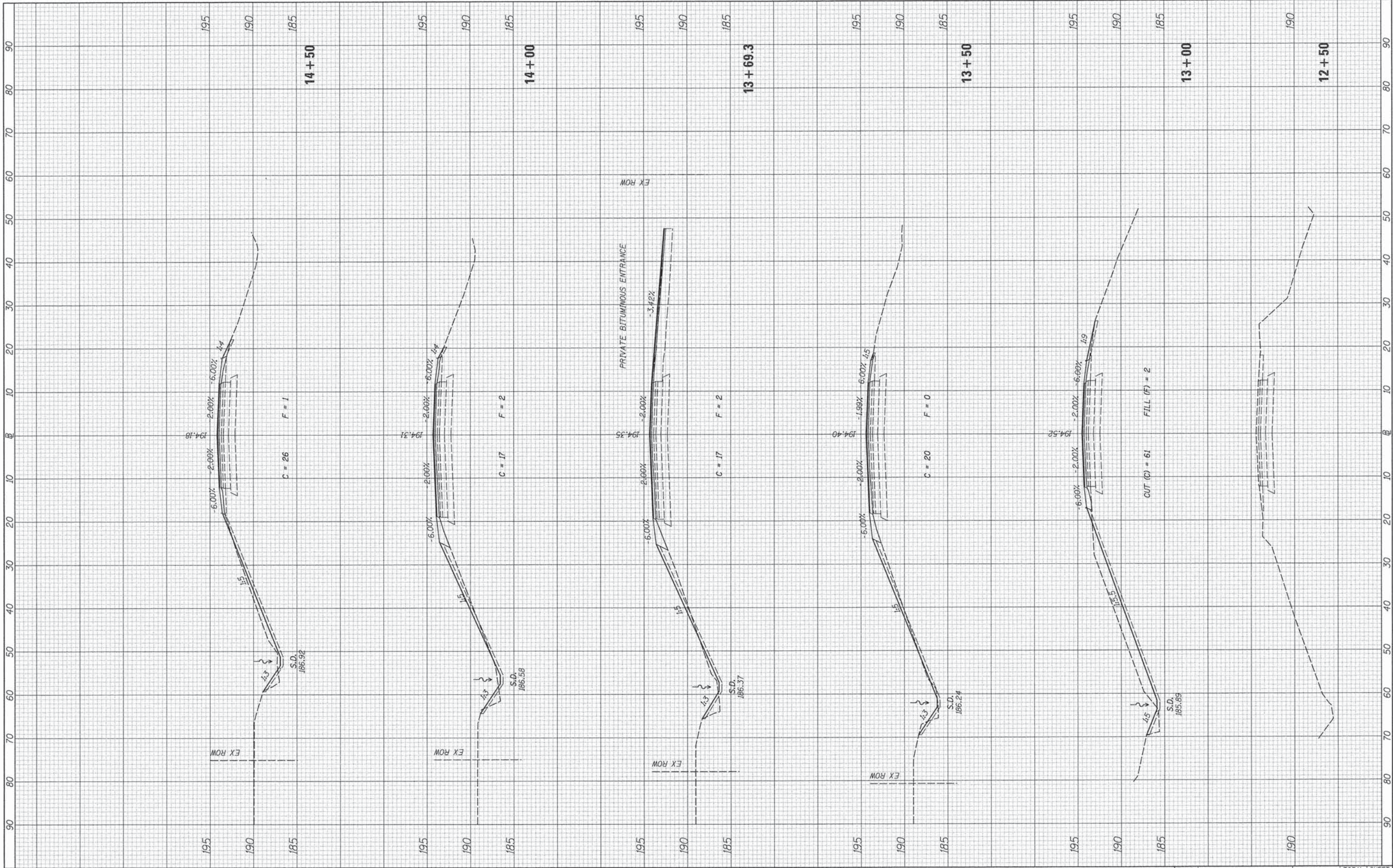
** See Special Provisions

SOUTH CULVERT EXTENSION DETAILS

SHEET NO. 5	RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5 SHEETS	CH 4	13-00023-00-SP	LASALLE	57	43
CONTRACT NO. 87546					
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT HSIPO268(112)		

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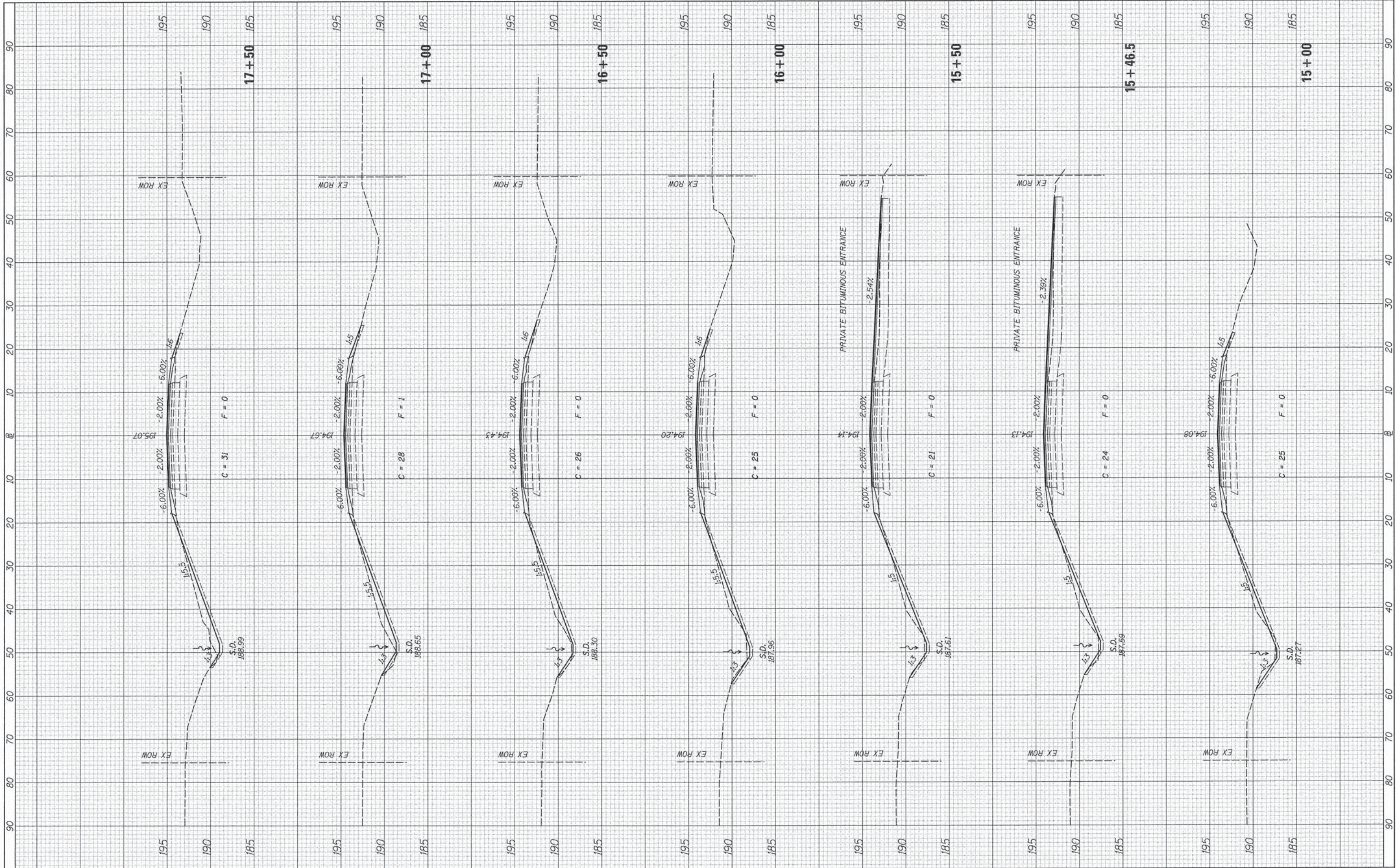
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Default	PLOT DATE = 3/17/2016	DATE -	REVISED -		SCALE: H=10 V=5		SHEET 1 OF 6 SHEETS	STA. 12+50.0 TO STA.14+50.0	ILLINOIS FED. AID PROJECT HSIP0268(112)				

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

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

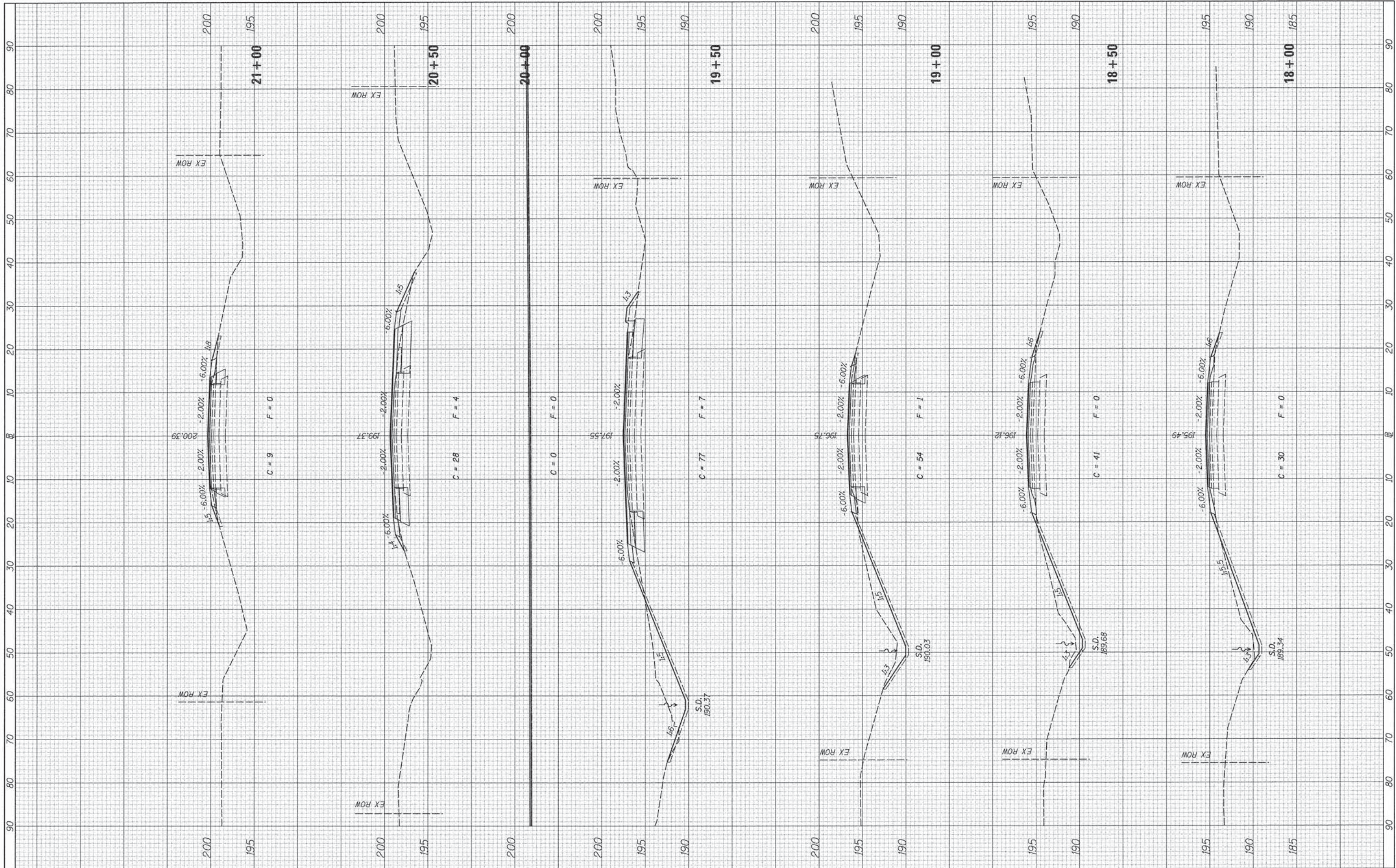


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SCALE: H=10 V=5 SHEET 1 OF 6 SHEETS STA. 15+00.0 TO STA. 17+50.0

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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

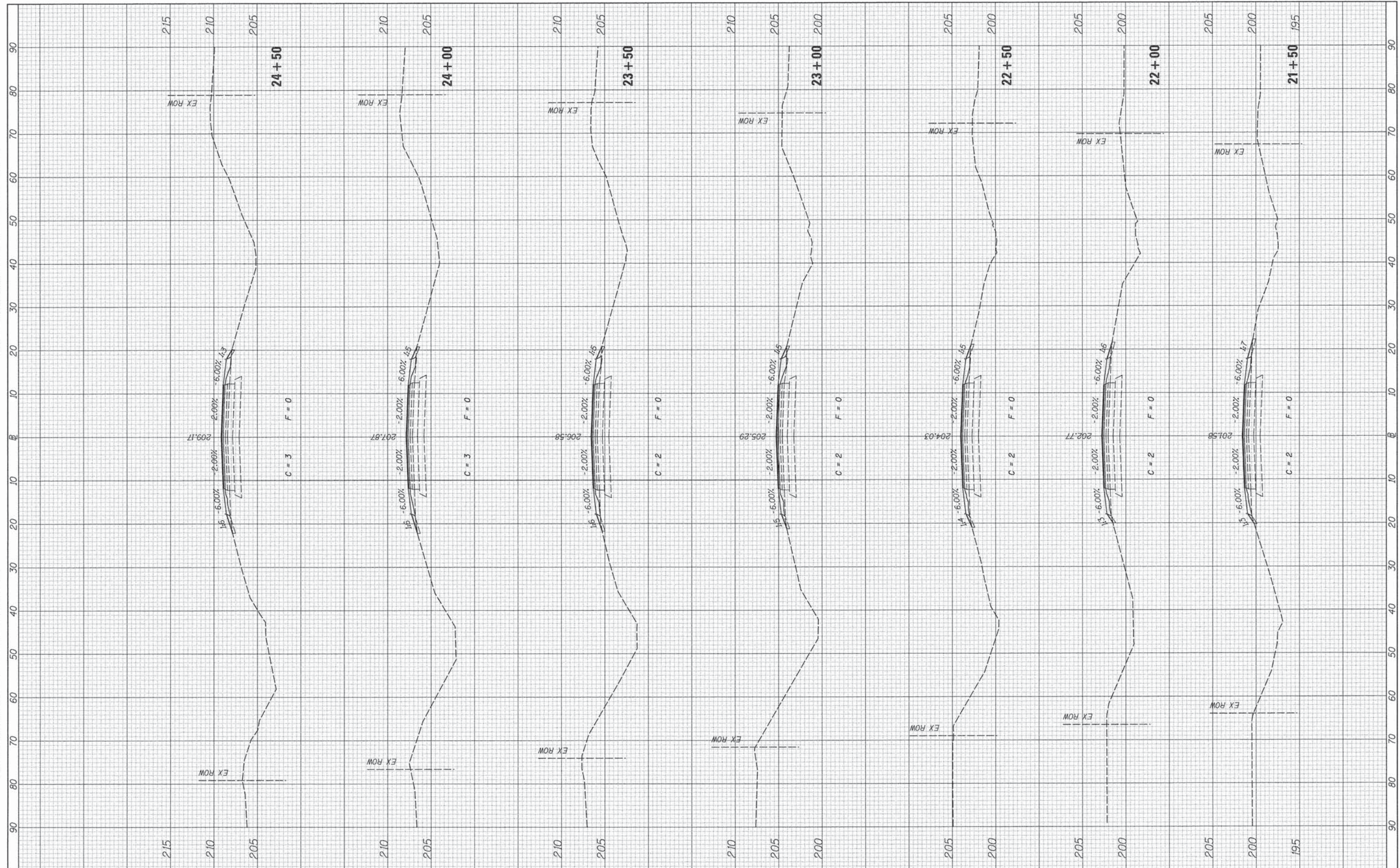
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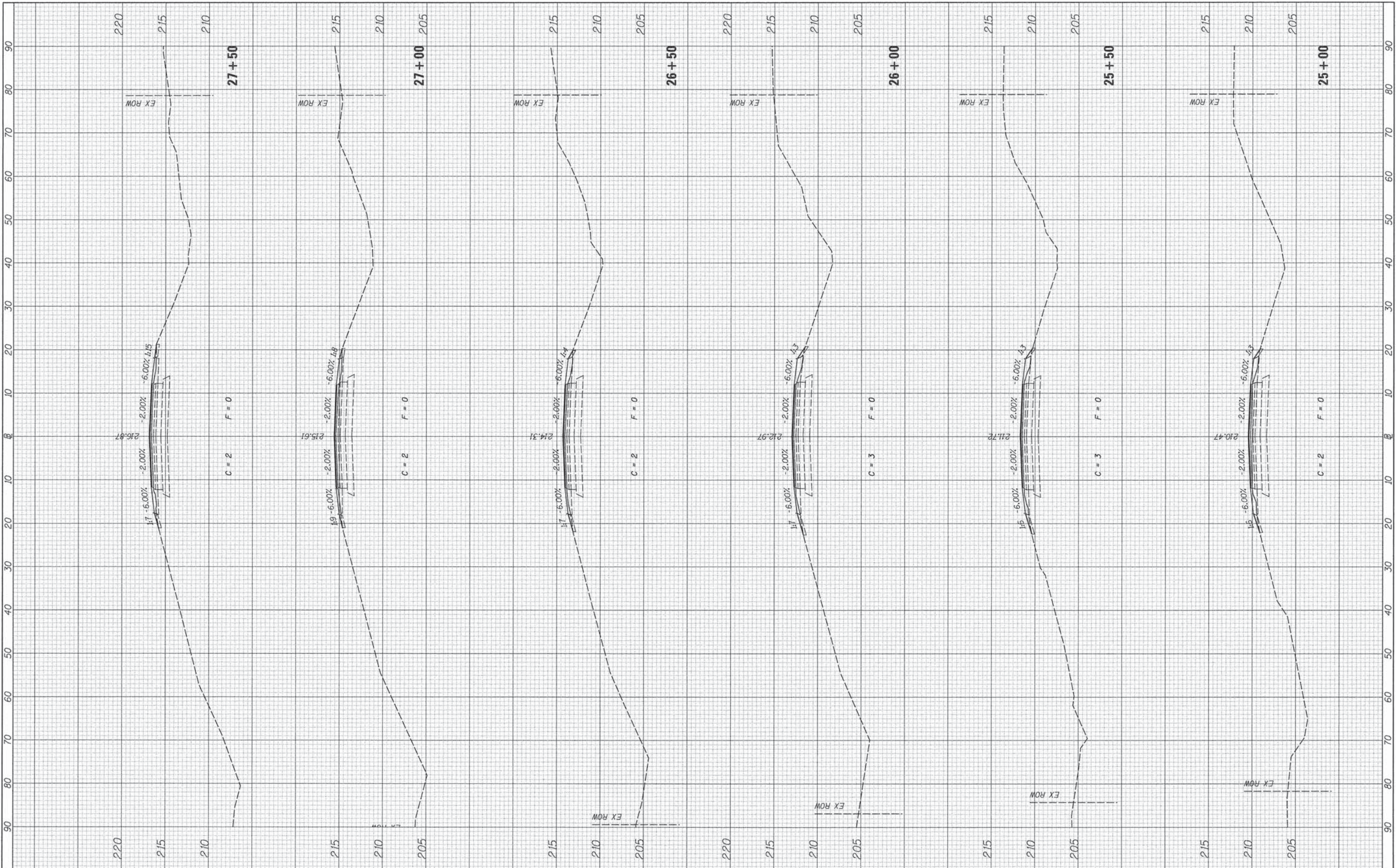
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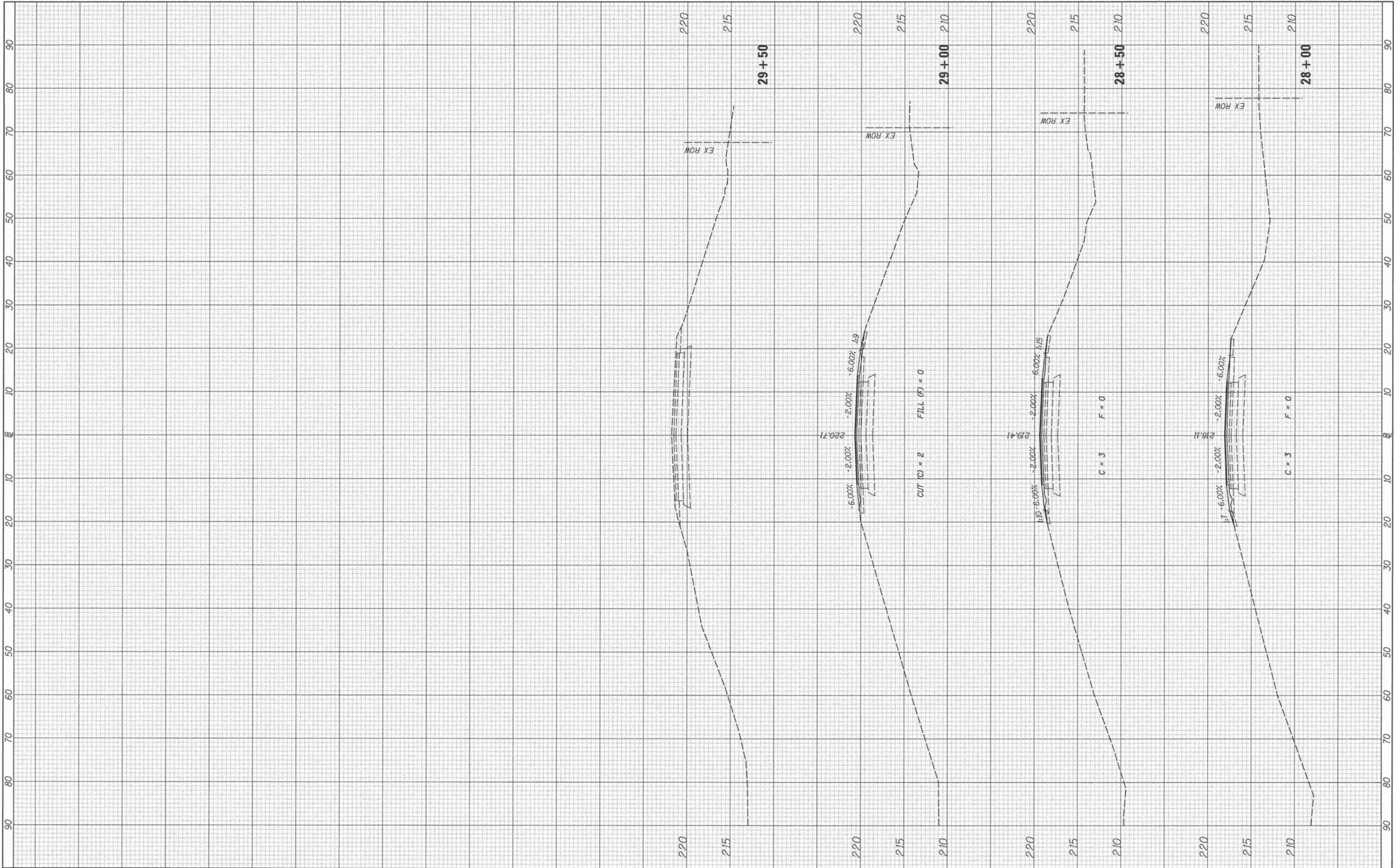
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NO.	DATE		
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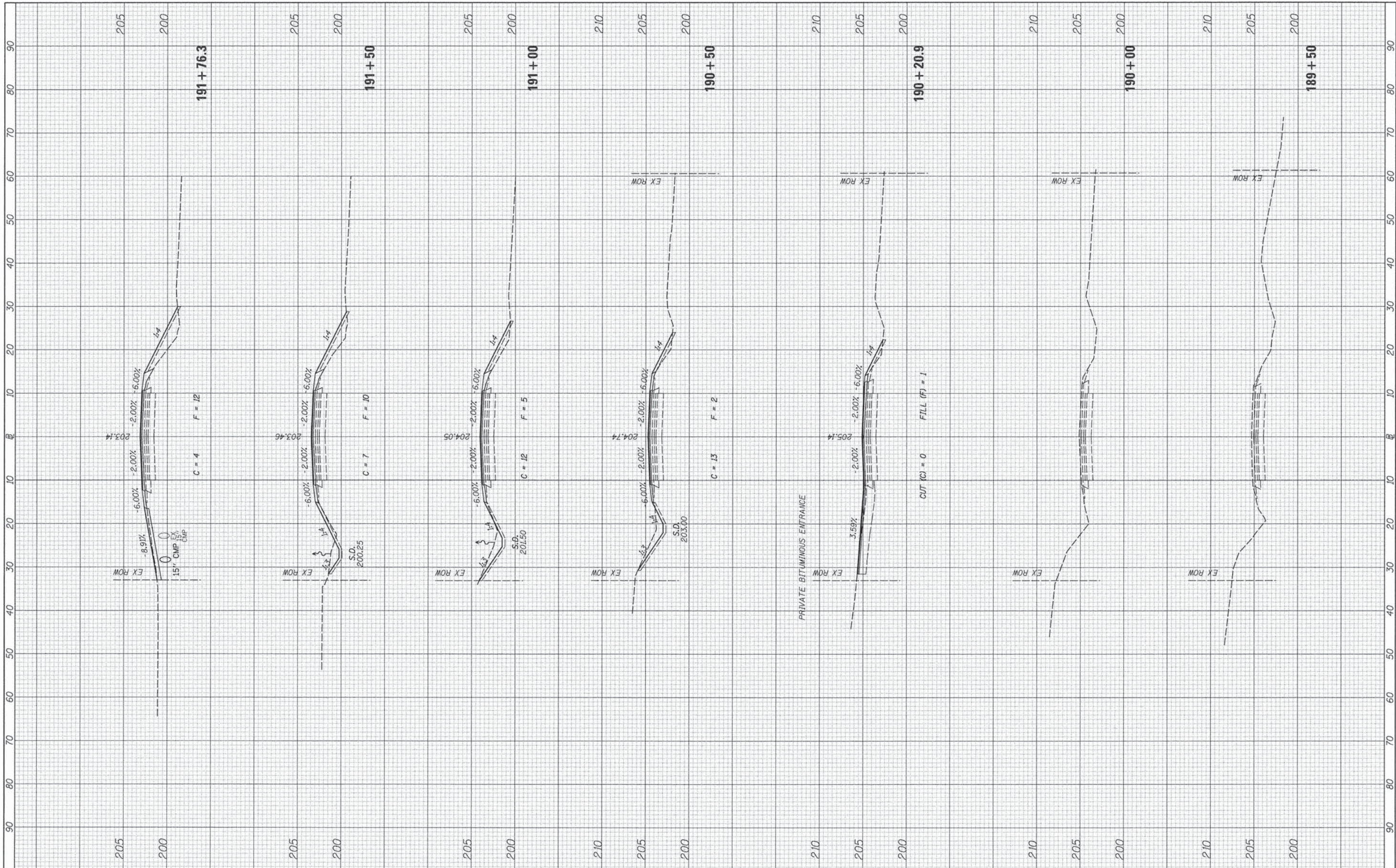


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Default	PLOT SCALE = 18,0000' / 1in.	DRAWN -	REVISED -		SCALE: H=10 V=5	SHEET 1	OF 6 SHEETS	STA. 28+00.0	TO STA. 29+50.0	CONTRACT NO. 87546	
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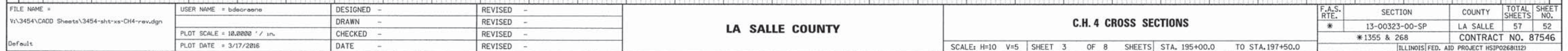
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	REVISIT	
	AREAS CHECKED	

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NOTE BOOK	PLOTTED	BY
	REVISIT	
	AREAS CHECKED	



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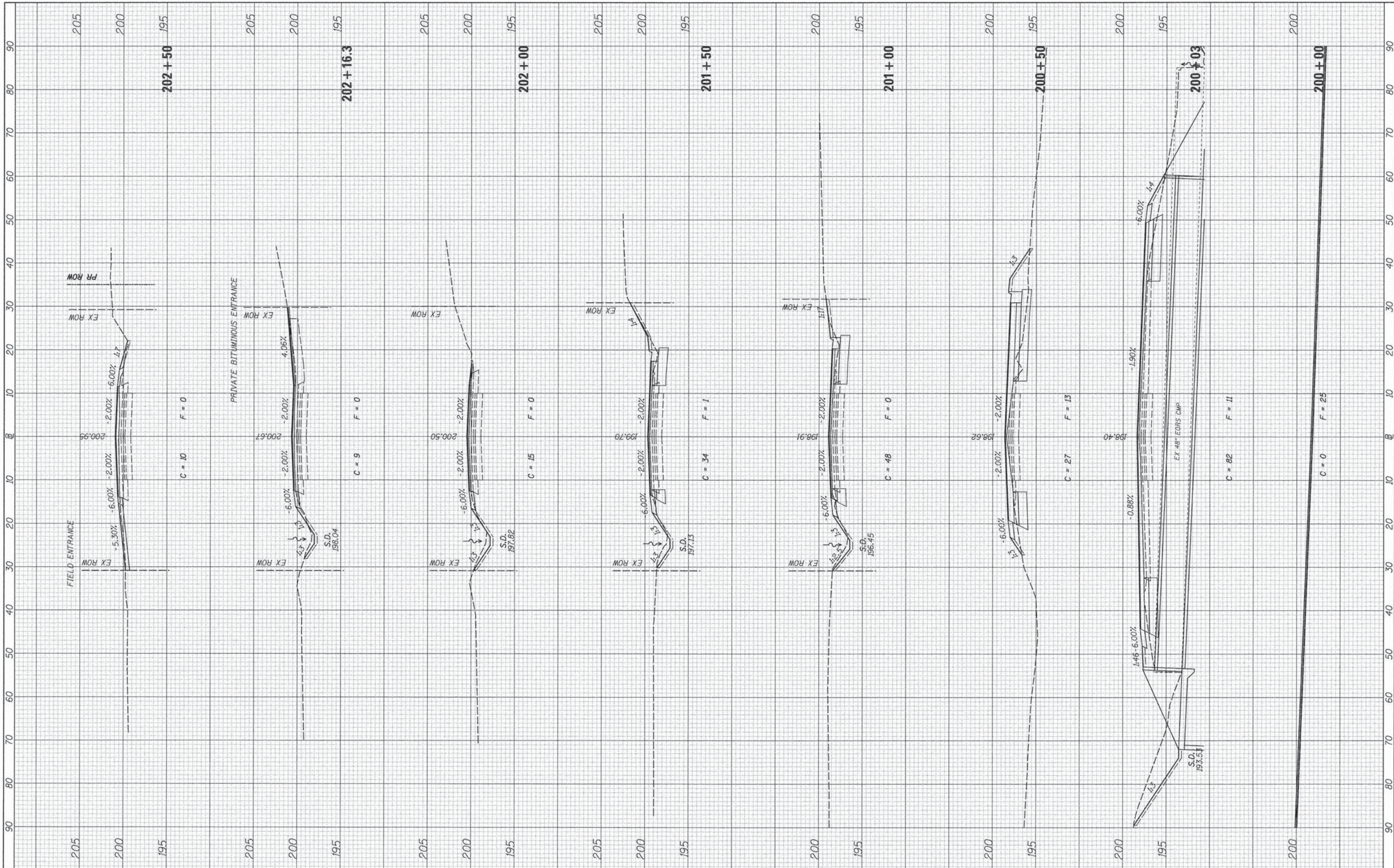


C.H. 4 CROSS SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	13-00323-00-SP	LA SALLE	57	52
*1355 & 268		CONTRACT NO. 87546		
ILLINOIS FED. AID PROJECT HSJ0268(112)				

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

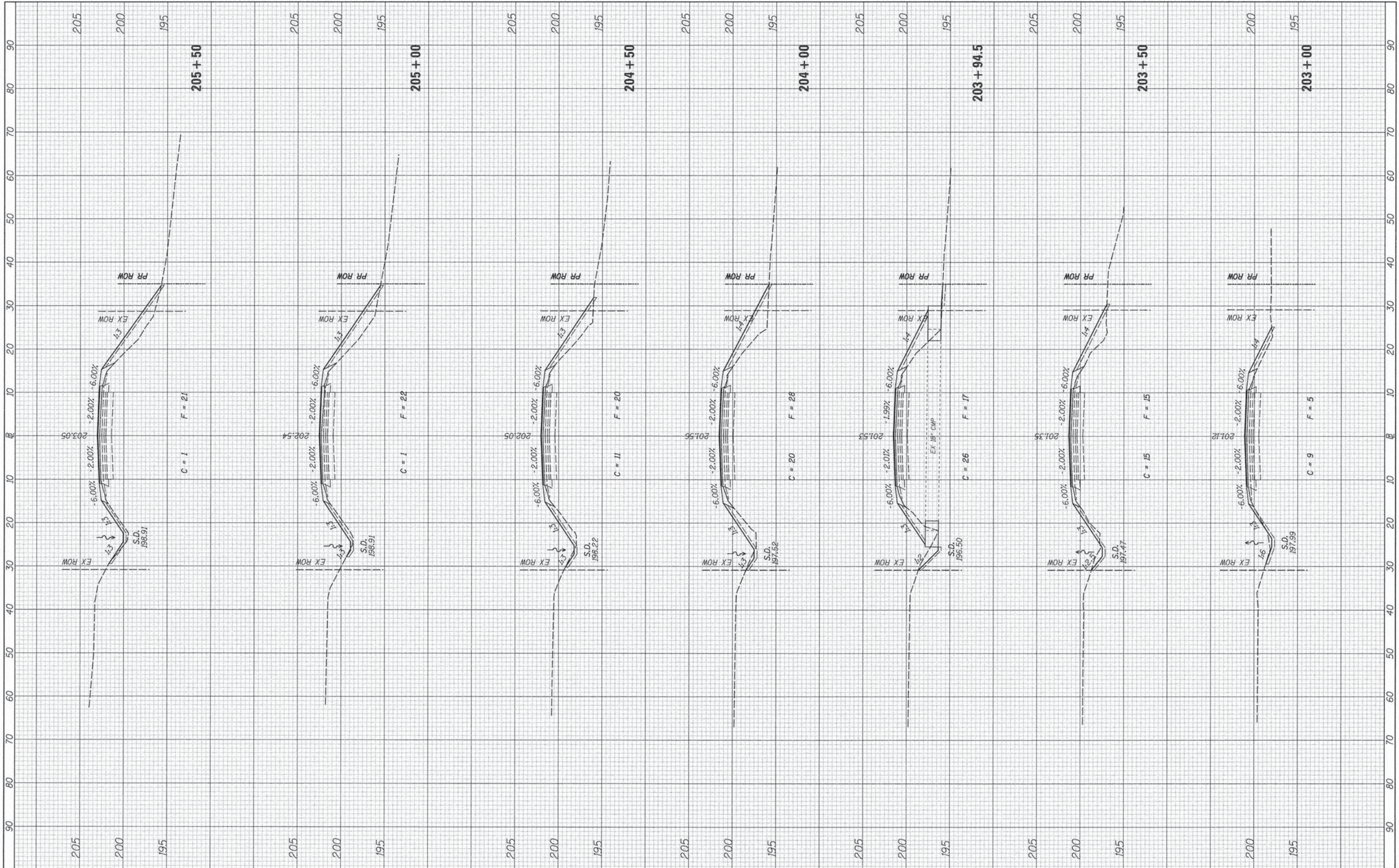
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NO.	PLOTTED BY	
	NOTE BOOK	
	AREAS CHECKED	



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		DRAWN -	REVISED -						*	13-00323-00-SP	LA SALLE	57	54
	PLOT SCALE = 10.0000 ' / 1"	CHECKED -	REVISED -						* 1355 & 268		CONTRACT NO. 87546		
	PLOT DATE = 3/17/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT HSIP0268(112)				
Default					SCALE: H=10 V=5	SHEET 5	OF 8 SHEETS	STA. 200+00.0	TO STA. 202+50.0				

FINAL SURVEY	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	AREAS CHECKED	

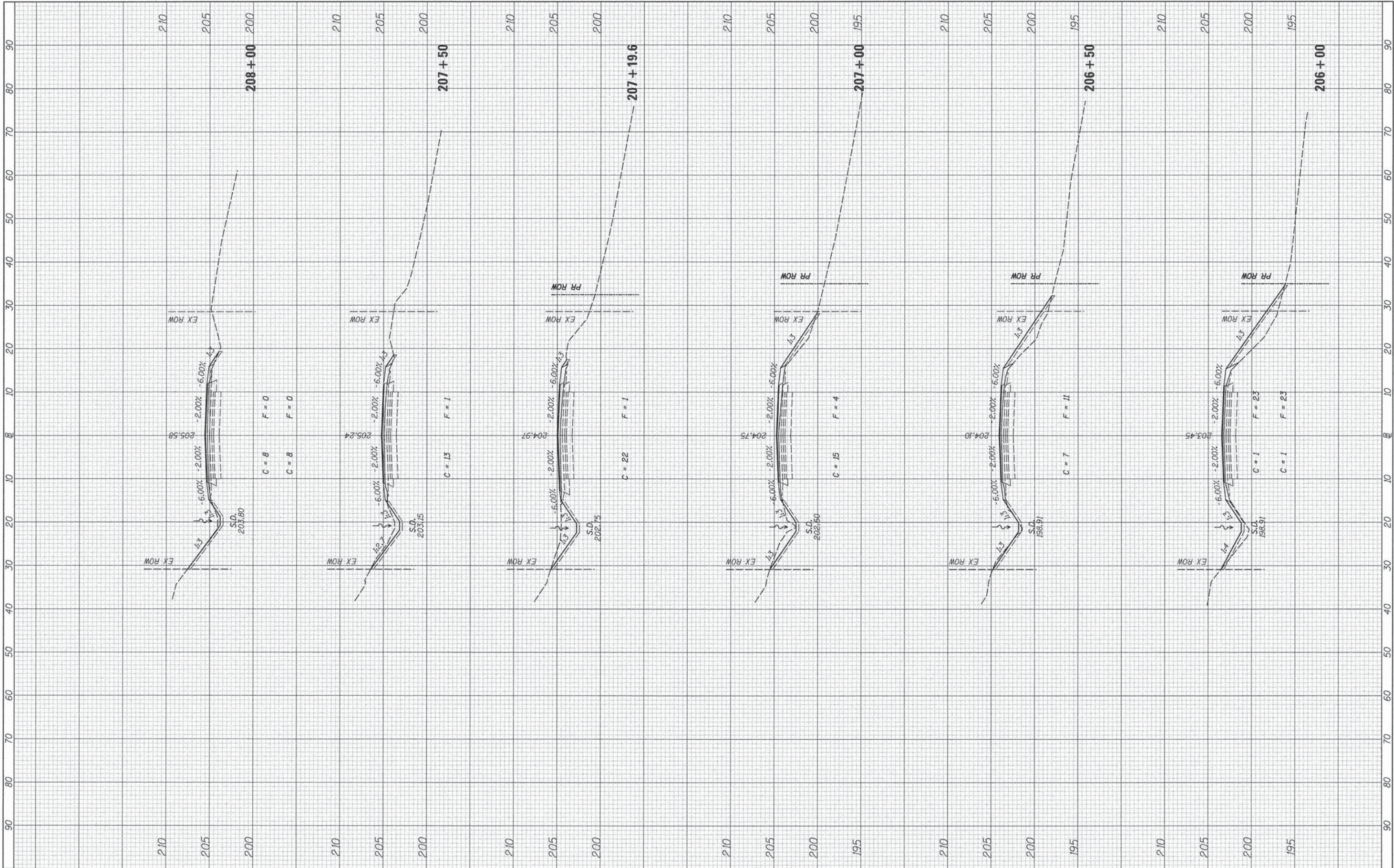
ORIGINAL SURVEY	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	AREAS CHECKED	



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Default	PLOT DATE = 3/17/2016	DATE -	REVISED -			SCALE: H=10 V=5 SHEET 6 OF 8 SHEETS STA. 203+00.0 TO STA. 205+50.0		ILLINOIS FED. AID PROJECT HSIP0268(112)		

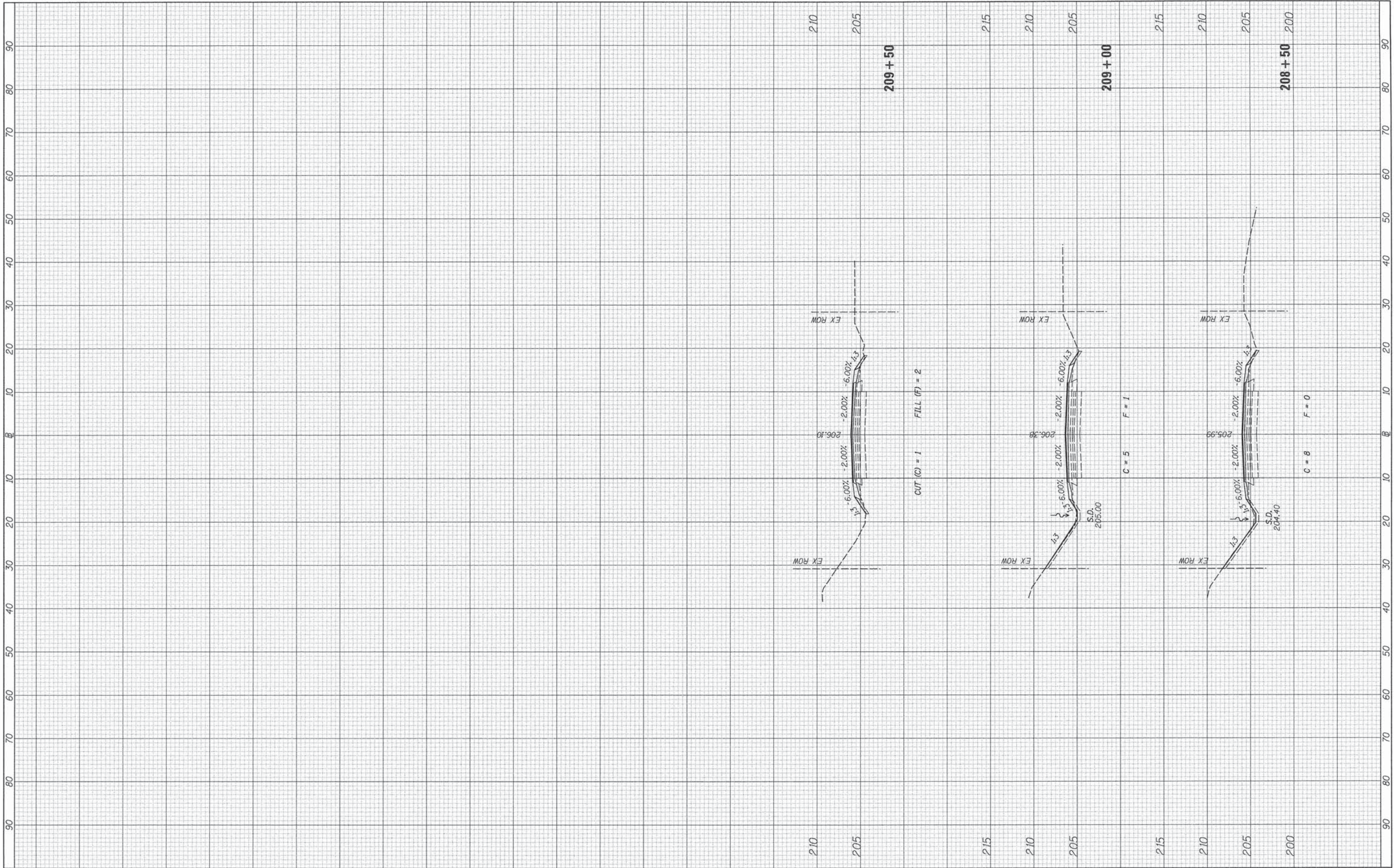
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	DATE		
	AREAS CHECKED		

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



FINAL	SUBMITTED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SUBMITTED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



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		DRAWN -	REVISED -						*	13-00323-00-SP	LA SALLE	57	57
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	PLOT DATE = 3/17/2016	DATE -	REVISED -						ILLINOIS FED. AID PROJECT HSIP0268(112)				
				SCALE: H=10 V=5	SHEET 8	OF 8	SHEETS	STA. 208+50.0 TO STA.209+50.0					