

03-06-2020 LETTING ITEM 161

INDEX OF SHEETS

- Sheet #1 Cover Sheet/Title Sheet & Utility Contacts
- Sheet #2 Legend, Summary of Quantities & Typical Sections
- Sheet #3 Schedule of Quantities
- Sheet #4-7 Existing Conditions & Removal Plans
- Sheet #8-15 Plan & Profiles
- Sheet #16 Details
- Sheet #17-22 ADA Detail
- Sheet #23-26 Grading & Storm Water Pollution Prevention Plan
- Sheet #27-28 Storm Water Pollution Prevention Document
- Sheet #29 Details
- Sheet #30-33 Cross-Sections

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
SAFE ROUTES TO SCHOOL PROJECT
SOUTH STREET, TRANSIT STREET & MAIN STREET
SIDEWALK IMPROVEMENTS

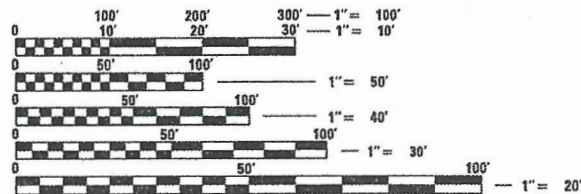
VILLAGE OF CRESTON
OGLE COUNTY

SECTION: 12-00008-00-SW
PROJECT NO: SCBY (614)
SOUTH STREET (MS 1060)
MAIN STREET (MS 6050)
TRANSIT STREET (MS 6020)
JOB NO. C-92-143-12
CONTRACT NO. 85675

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCBY (614)	12-00008-00-SW	OGLE	33	1
		ILLINOIS	CONTRACT NO. 85675	

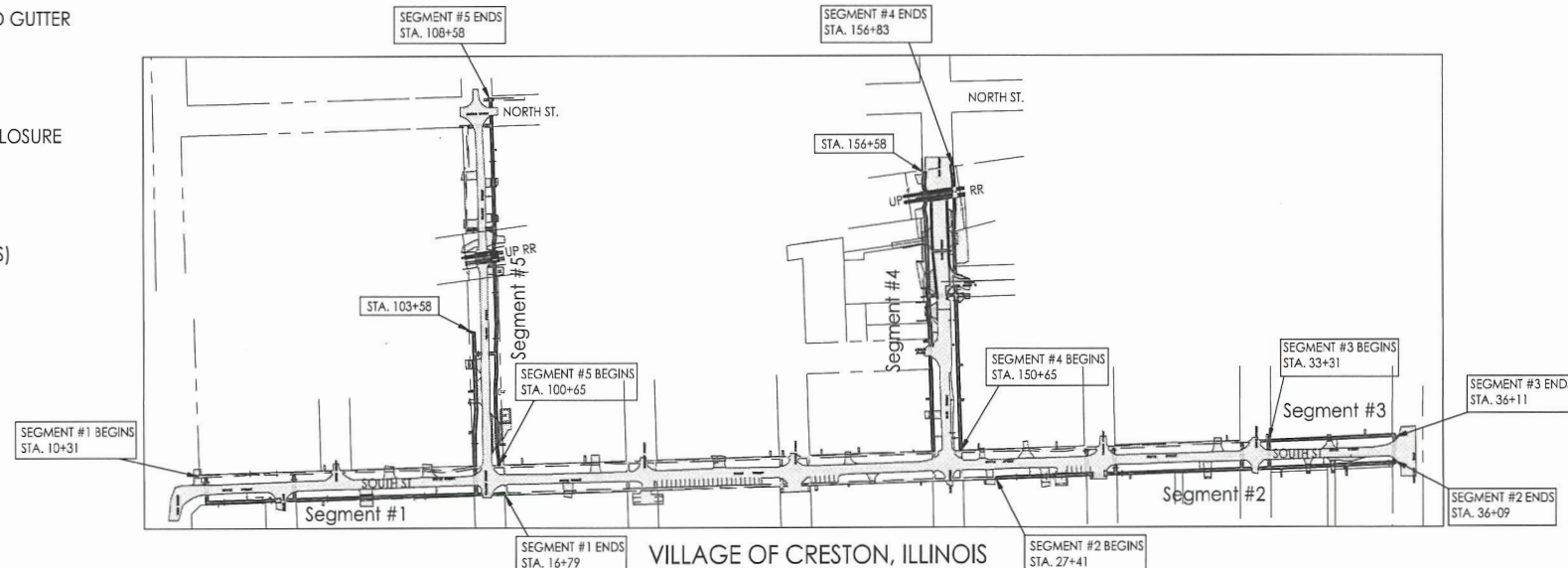
HIGHWAY STANDARDS

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

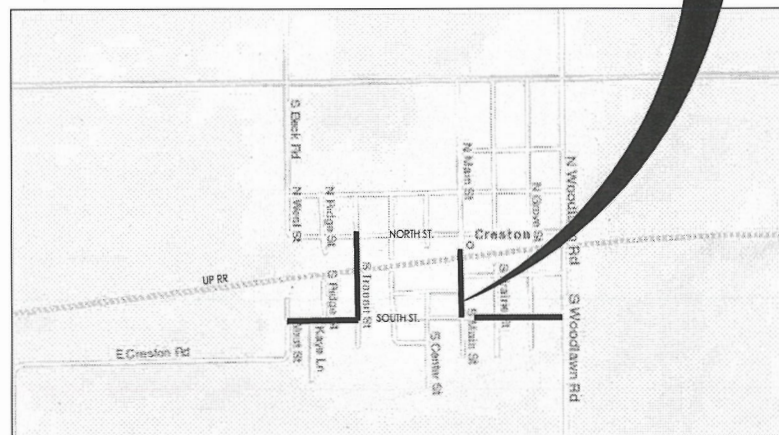


SCALES FOR PLAN & PROFILES 11x17 SHEET	SCALES FOR PLAN & PROFILES 22X34 SHEET
1" = 40' HORIZ.	1" = 40' HORIZ.
1" = 8' VERT.	1" = 8' VERT.

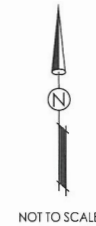
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



LOCATION MAP



GROSS LENGTH.....4172' OR 0.79 MILES
NET LENGTH.....2725' OR 0.52 MILES



CONTROL POINTS				
Point #	Elevation	Northing	Easting	Description
1	912.45	1918858.48	2623670.18	CP BOLT
2	911.82	1918897.67	2624114.52	CP 2
3	902.50	1919705.09	2623442.45	CP 3
4	911.20	1918874.66	2622326.09	CP 4

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED MAY 6, 2019

Donald W. Williams
VILLAGE PRESIDENT VILLAGE OF CRESTON

PASSED 11/8 20 19

Clay W. Bandy
DISTRICT 2 ENGINEER OF TISCAL ROADS

RELEASED FOR BID BASED ON LIMITED REVIEW 11/8 20 19

Marcus D. ...
DEPUTY DIRECTOR OF HIGHWAYS REGION 2 ENGINEER

CONTACT:
J.U.L.I.E.
DIAL: 811
PRIOR TO ANY CONSTRUCTION



UTILITY CONTACTS:
FRONTIER COMMUNICATIONS
DEB PETERSON
(815) 895-1524
ROCHELLE MUNICIPAL UTILITIES
CATHY COOPER
333 LINCOLN HIGHWAY
ROCHELLE, IL 61068
(815) 562-4155

SEAL COVERS SHEETS 1-33

KEVIN C. BUNGE
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

11/3/2019 DATE

KEVIN C. BUNGE, PE
EXPIRES 11/30/2019

PLANS PREPARED BY:

C.E.S. INC.
700 W. LOCUST ST.
BELVIDERE, IL 61008
PHONE: (815) 547-8435
FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO.: 184-001260

C.E.S. INC.

C.E.S. JOB #3207

3/15/19 REVISED PER IDOT (LETTER DATED 9-19-18)
5/3/19 REVISED PER IDOT (LETTER DATED 3-29-19)
11/4/19 REVISED PER IDOT (2020 STANDARDS)

SUMMARY OF QUANTITIES

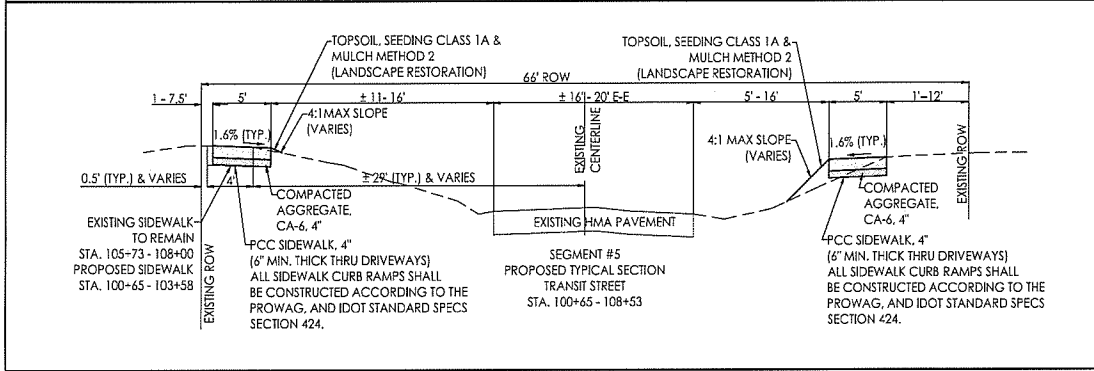
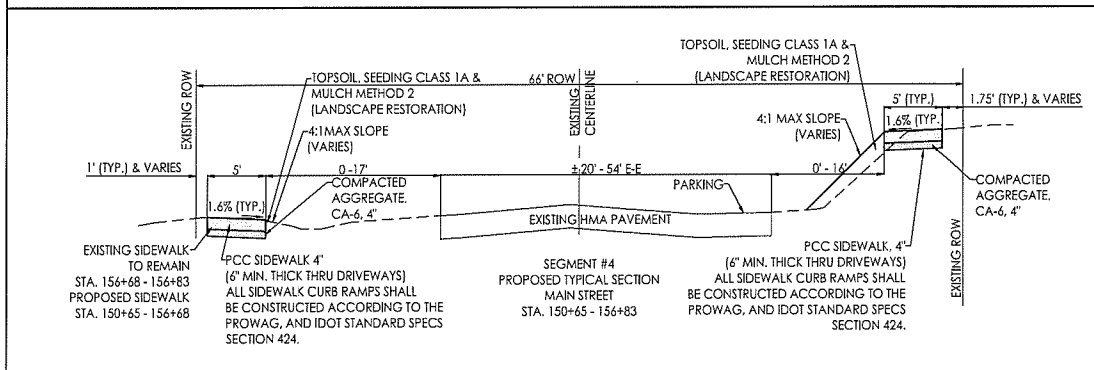
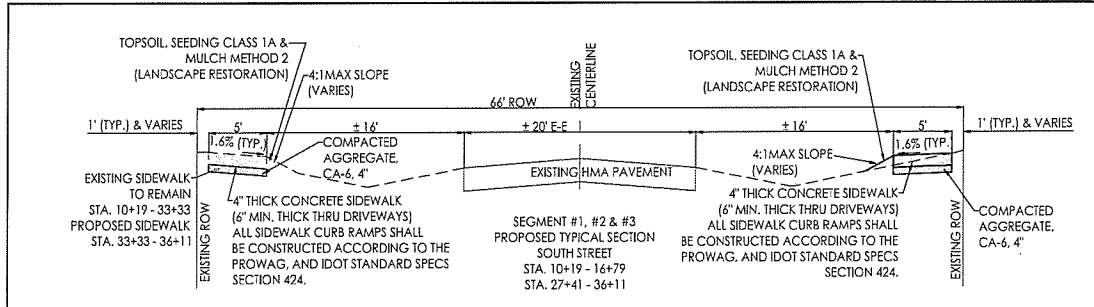
CONSTRUCTION TYPE CODE: 0021

PAY CODE	ITEM	UNIT	QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIA.)	UNIT	24
28000800	INLET AND PIPE PROTECTION	EACH	17
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	614
40600275	BITUMINOUS MATERIALS (PRIME COAT)	LB	1712
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	88
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	17836
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	3144
42400800	DETECTABLE WARNINGS	SQ FT	438
44000100	PAVEMENT REMOVAL	SQ YD	755
44000600	SIDEWALK REMOVAL	SQ FT	8121
44213200	SAW CUTS	FOOT	1277
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	260
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	419
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	140
61140400	STORM SEWERS (SPECIAL), 15"	FOOT	235
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	25
66900205	SPECIAL WASTE DISPOSAL	CU YD	50
66900210	HAZARDOUS WASTE DISPOSAL	CU YD	5
66900530	SOIL DISPOSAL ANALYSIS	EACH	1
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	40
67100100	MOBILIZATION	L SUM	1
X0323378	CONCRETE PARKING BLOCKS	EACH	4
X6024242	INLETS, SPECIAL, NO. 1	EACH	2
X6024244	INLETS, SPECIAL, NO. 2	EACH	1
X6024246	INLETS, SPECIAL, NO. 3	EACH	2
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
XX002053	LANDSCAPE RESTORATION	L SUM	1
XX006821	CONCRETE TRUCK WASHOUT	L SUM	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0019500	DRY WELL	EACH	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

Δ SPECIALTY ITEMS

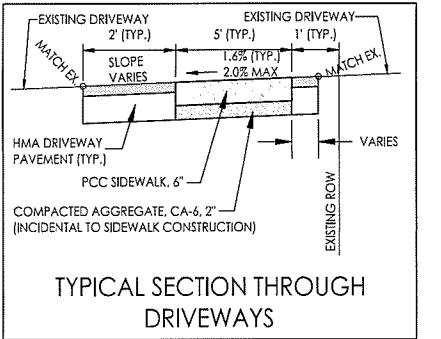
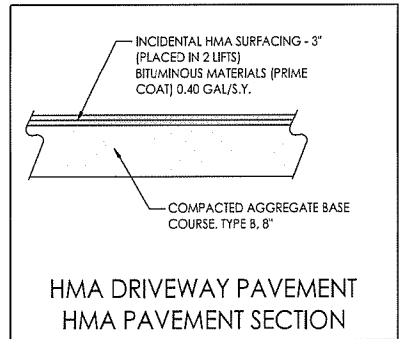
LEGEND

	Existing	Proposed
Right of Way	EX_ROW	
Fence	x	
Utility Pole	⊗	
Utility Pole with Street Light	⊗-o	
Guy Anchor	→	
Gas Main	G	
Overhead Electric Line	OHE	
Underground Electric Line	UGE	
Electric Pedestal	E	
Telephone Pedestal	T	
Valve Box & Valve	⊕	
Valve Vault & Valve	⊕-o	
Fire Hydrant with Valve Box	⊕-o	
Fire Hydrant	⊕	
Water Main	WM	
Water Service with Curb Stop Box	o-	
Storm Manhole	⊙	
Storm Catch Basin	⊙-o	
Flared End Section	⊙-o	
Storm Sewer	→	→
Sanitary Manhole	⊙	
Sanitary Sewer	→	→
Sign	+	+
Road Centerline	- - -	- - -
Aggregate Driveway	[Pattern]	[Pattern]
Asphalt Pavement	[Pattern]	[Pattern]
Concrete Driveway	[Pattern]	[Pattern]
Concrete Sidewalk	[Pattern]	[Pattern]
Bush/Tree Clump	[Symbol]	[Symbol]
Deciduous Tree	[Symbol]	[Symbol]
Evergreen Tree	[Symbol]	[Symbol]
Mailbox	M	



HMA MIXTURE REQUIREMENTS TABLE

LOCATION	CITY STREETS
MIXTURE USES	SURFACE & INCIDENTAL
PG:	PG 64-22
DESIGN AIR VOIDS	4.0 @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5
FRICITION AGGREGATE	C
MIXTURE WEIGHT:	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM	QC/QA
SUBLOT SIZE:	N/A
NUMBER OF ROLLER PASSES	N/A



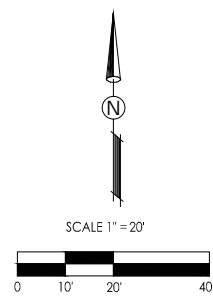
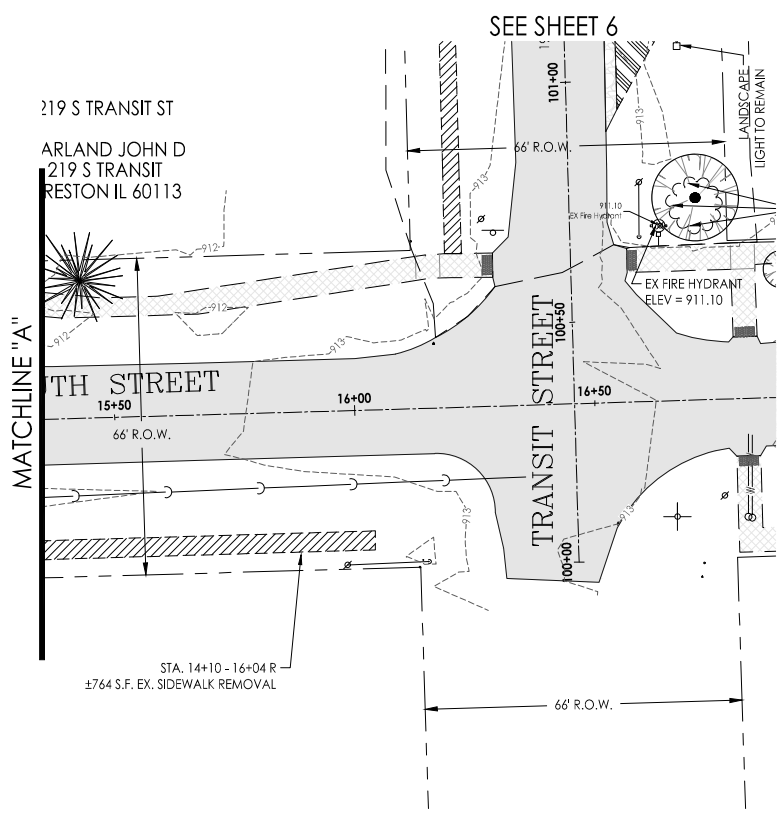
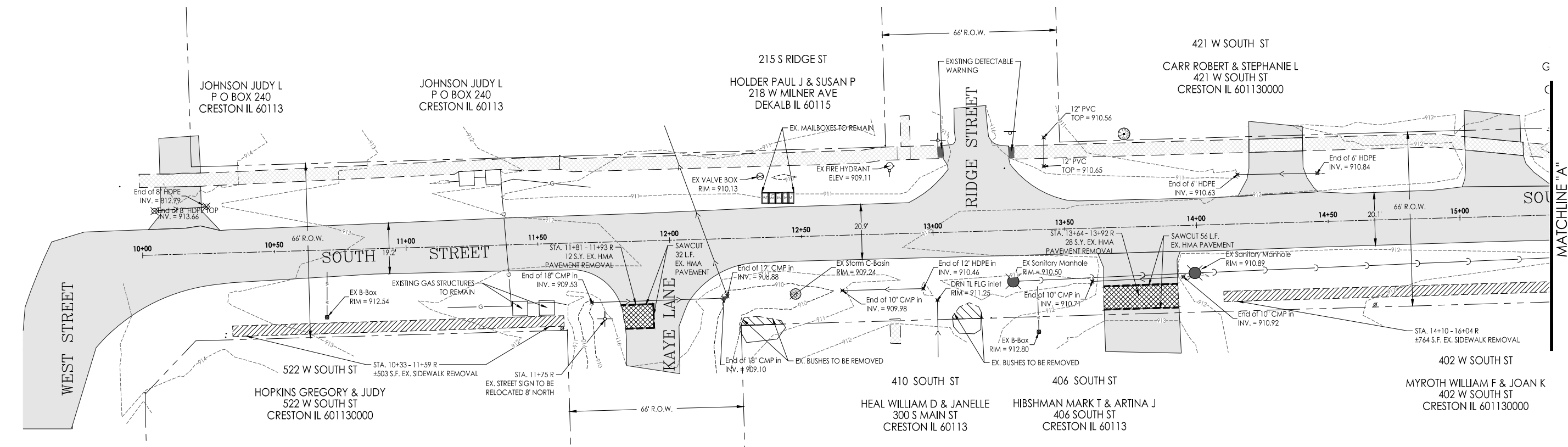
PRINTED: Sunday, November 03, 2019

Date	Revision	By
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3/31/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAS
5/31/19	REVISED PER IDOT (E-MAILS DATED 5-29-19)	JAS
11/3/19	REVISED PER IDOT (2020 STANDARDS)	JAS

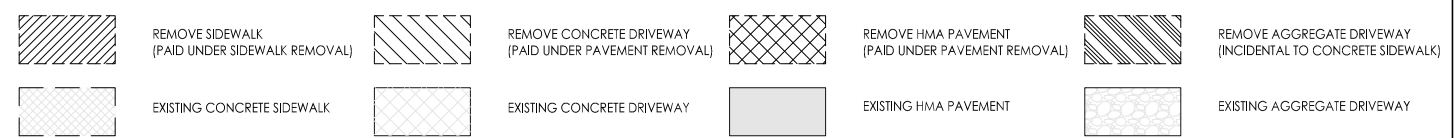
Safe Routes to School
Legend, Quantities & Typical Sections

CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 2 of 33
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VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.



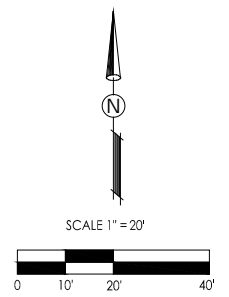
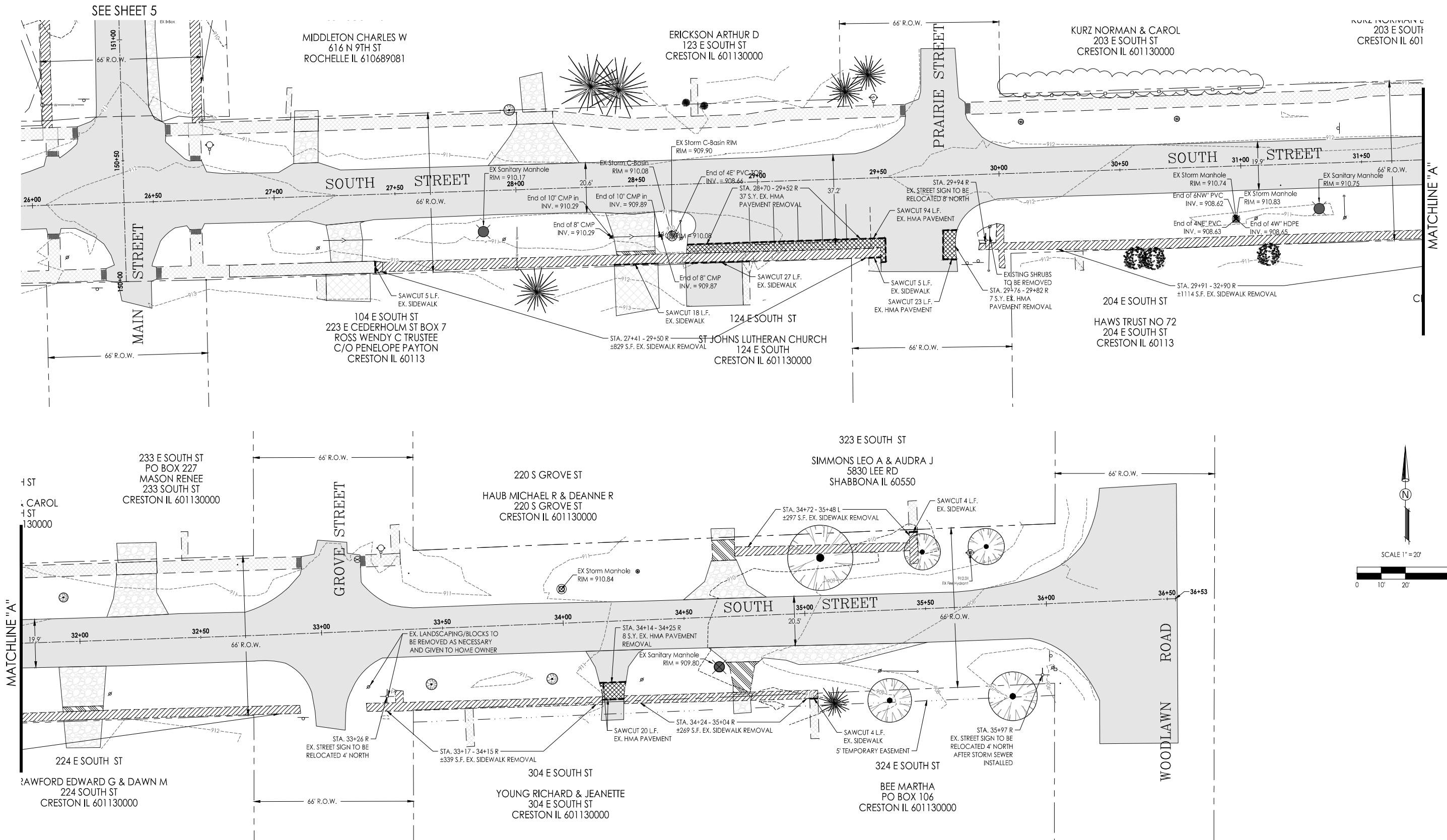
PRINTED: Tuesday, May 07, 2019

Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

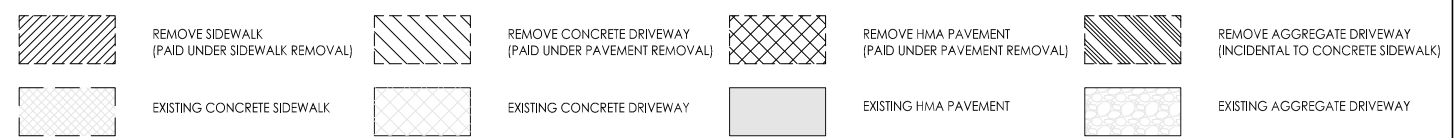
Safe Routes to School
Segment #1 South Street
Existing Conditions & Removal Plan

CHECKED BY: KCB	DRAWN BY: JAB	Sheet 4 of 33
DATE: 7/23/2018	DATE: 7/23/2018	

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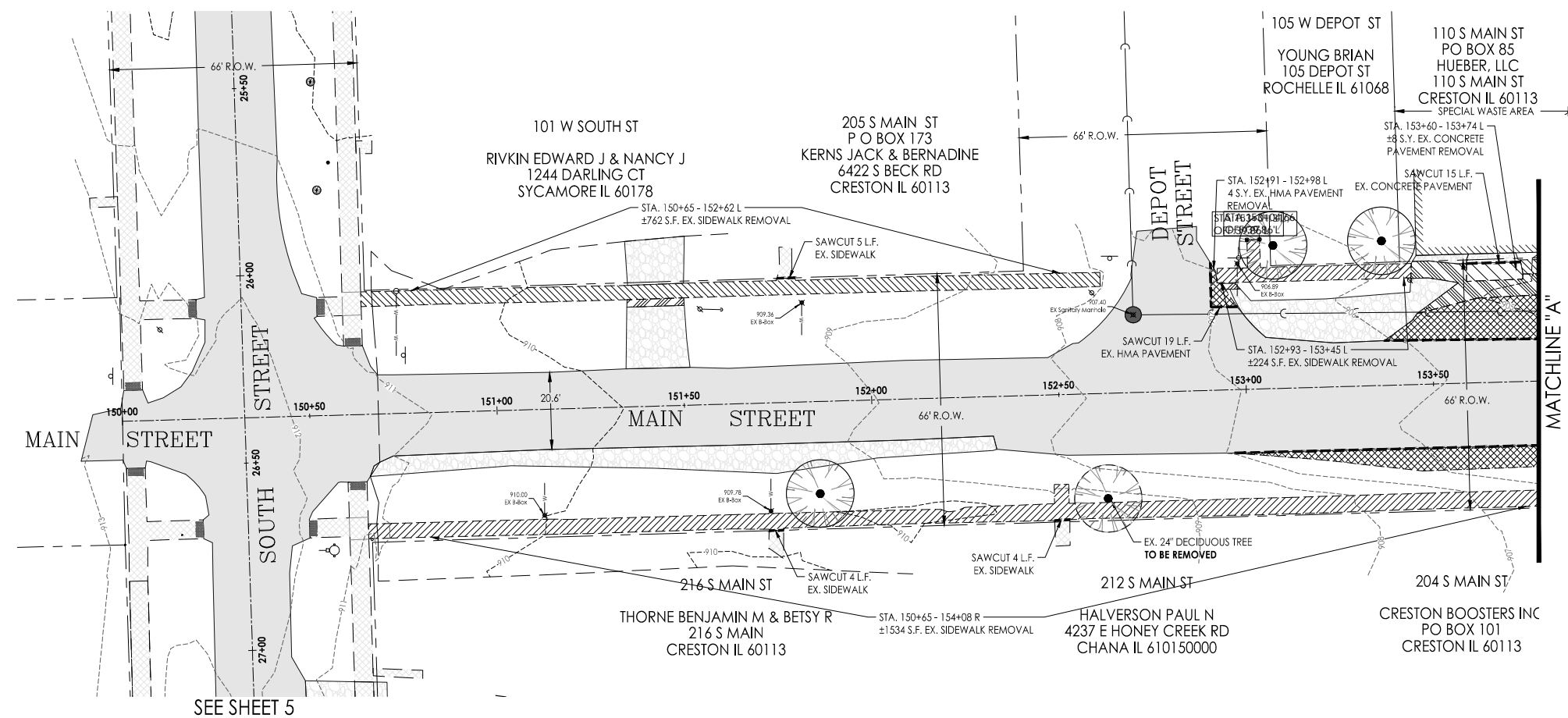
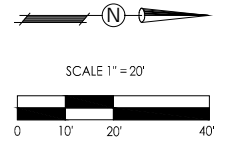
VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.



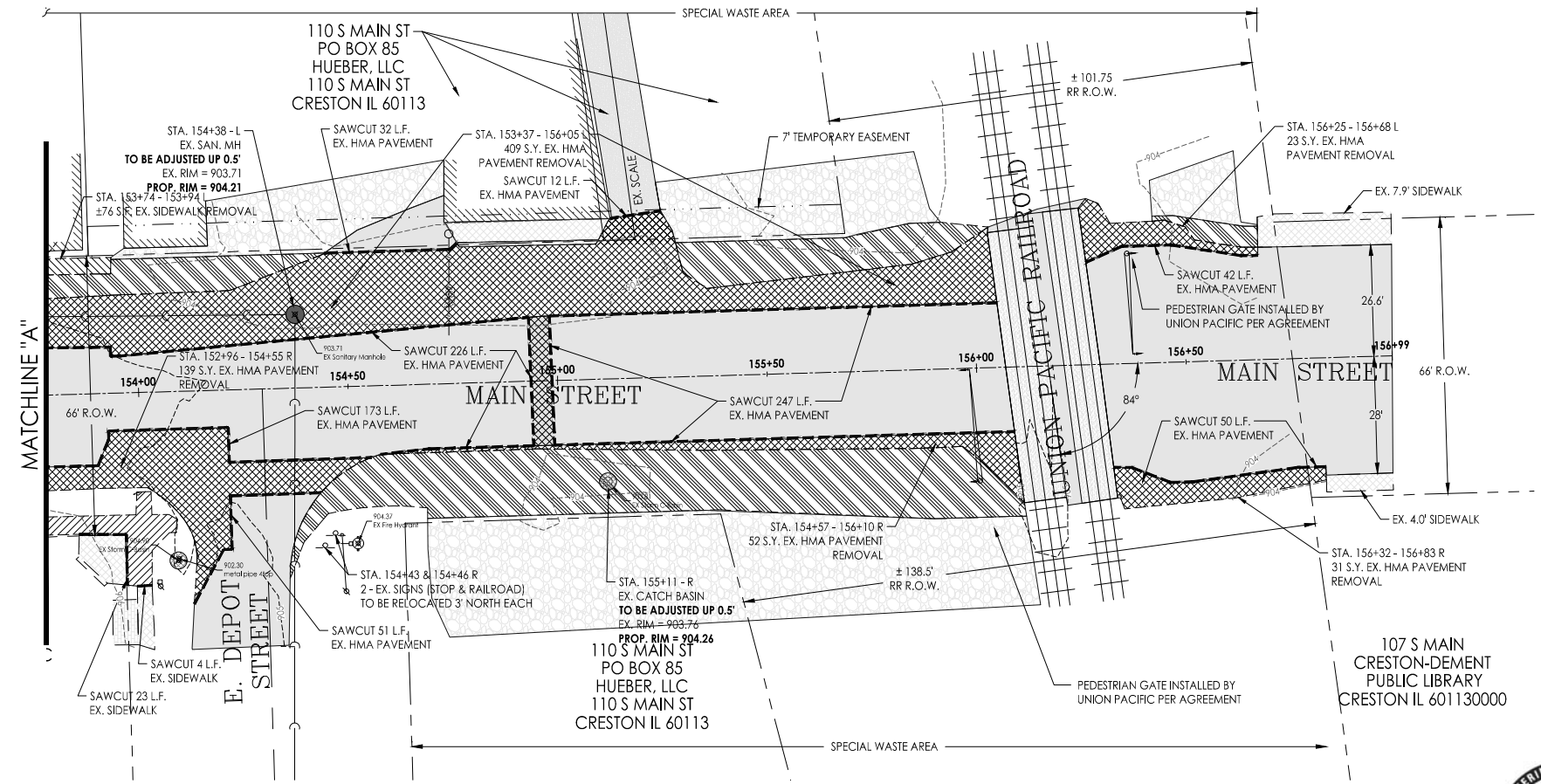
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
 PHONE: (815) 547-8435, FAX: (815) 544-0421
 ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: Tuesday, May 07, 2019		
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
Safe Routes to School Segment #2 & #3 South Street Existing Conditions & Removal Plan		
CHECKED BY: KCB	DRAWN BY: JAB	Sheet 5 of 33
DATE: 7/23/2018	DATE: 7/23/2018	

F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS6050	12-00008-00-SW	OGLE	33	6
SCBY (614)	ILLINOIS	CONTRACT NO.	85675	



SEE SHEET 5



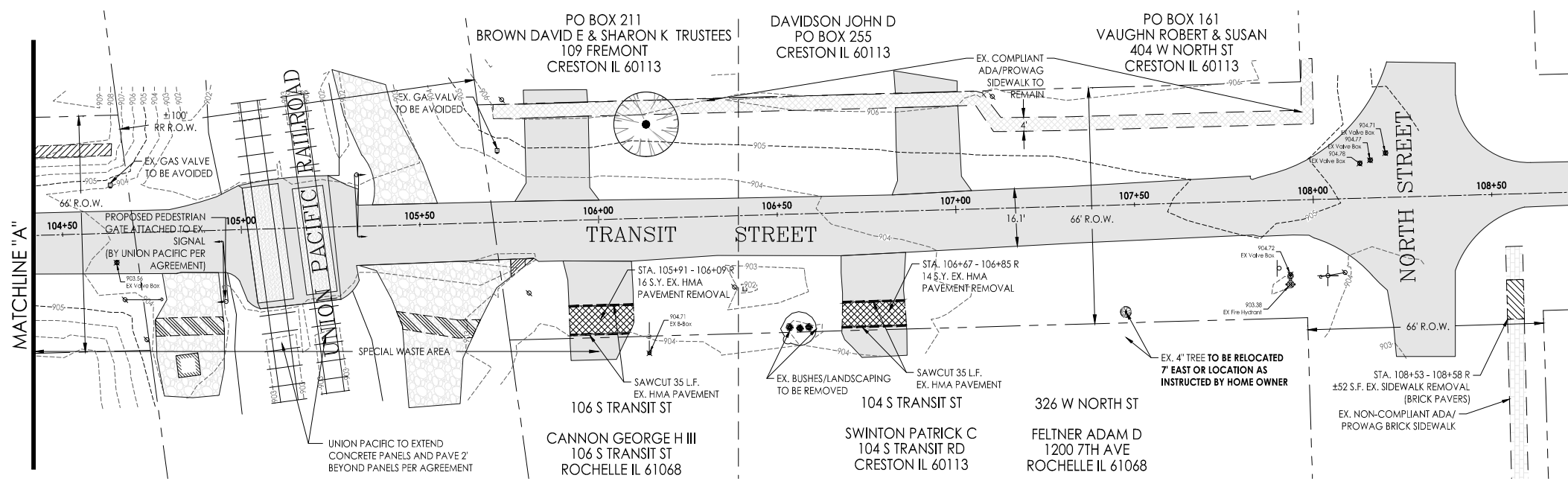
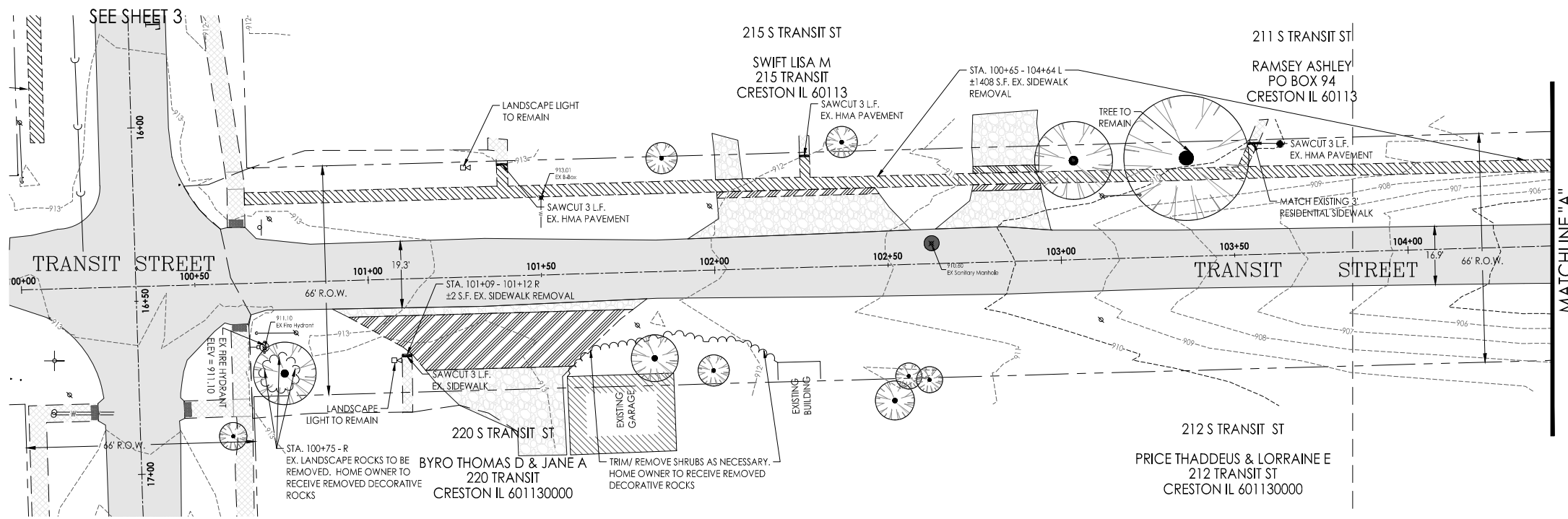
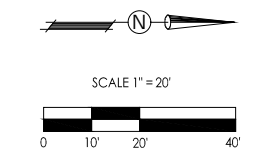
VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

	REMOVE SIDEWALK (PAID UNDER SIDEWALK REMOVAL)		REMOVE CONCRETE DRIVEWAY (PAID UNDER PAVEMENT REMOVAL)		REMOVE HMA PAVEMENT (PAID UNDER PAVEMENT REMOVAL)		REMOVE AGGREGATE DRIVEWAY (INCIDENTAL TO CONCRETE SIDEWALK)
	EXISTING CONCRETE SIDEWALK		EXISTING CONCRETE DRIVEWAY		EXISTING HMA PAVEMENT		EXISTING AGGREGATE DRIVEWAY



700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

Date		Revision	By
3/15/19		REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19		REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
PRINTED: Tuesday, May 07, 2019			
Safe Routes to School Segment #4 Main Street Existing Conditions & Removal Plan			
CHECKED BY: KCB	DATE: 7/23/2018	DRAWN BY: JAB	DATE: 7/23/2018
3207_BASE.dwg			Sheet 6 of 33



CRESTON ELEMENTARY SCHOOL

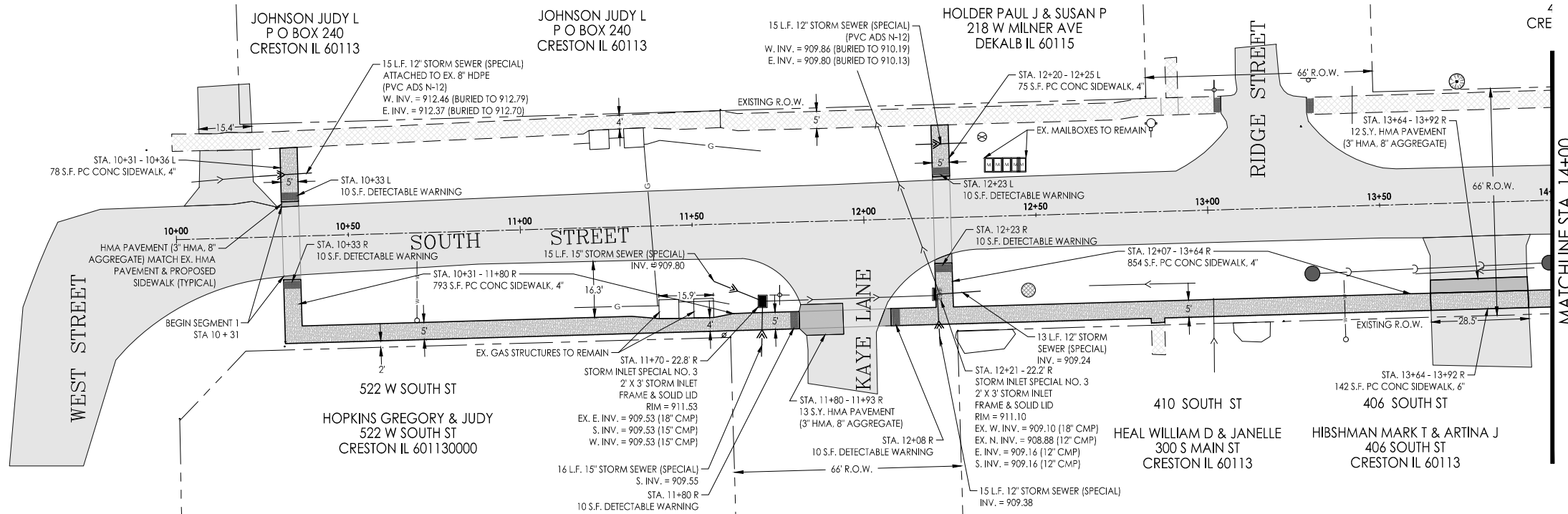
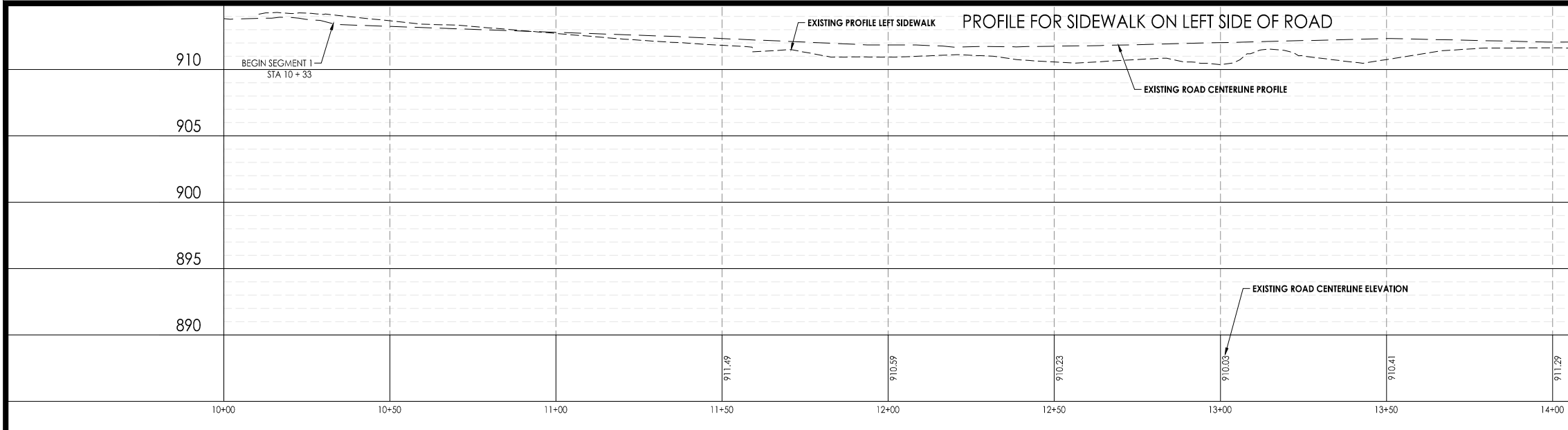
UNITED METHODIST CHURCH

	REMOVE SIDEWALK (PAID UNDER SIDEWALK REMOVAL)		REMOVE CONCRETE DRIVEWAY (PAID UNDER PAVEMENT REMOVAL)		REMOVE HMA PAVEMENT (PAID UNDER PAVEMENT REMOVAL)		REMOVE AGGREGATE DRIVEWAY (INCIDENTAL TO CONCRETE SIDEWALK)
	EXISTING CONCRETE SIDEWALK		EXISTING CONCRETE DRIVEWAY		EXISTING HMA PAVEMENT		EXISTING AGGREGATE DRIVEWAY

VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

PRINTED: Tuesday, May 07, 2019		
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
Safe Routes to School Segment #5 Transit Street Existing Conditions & Removal Plan		
CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 7 of 33

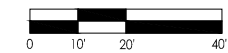
SCALE:
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1" = 5'-0" Vertical



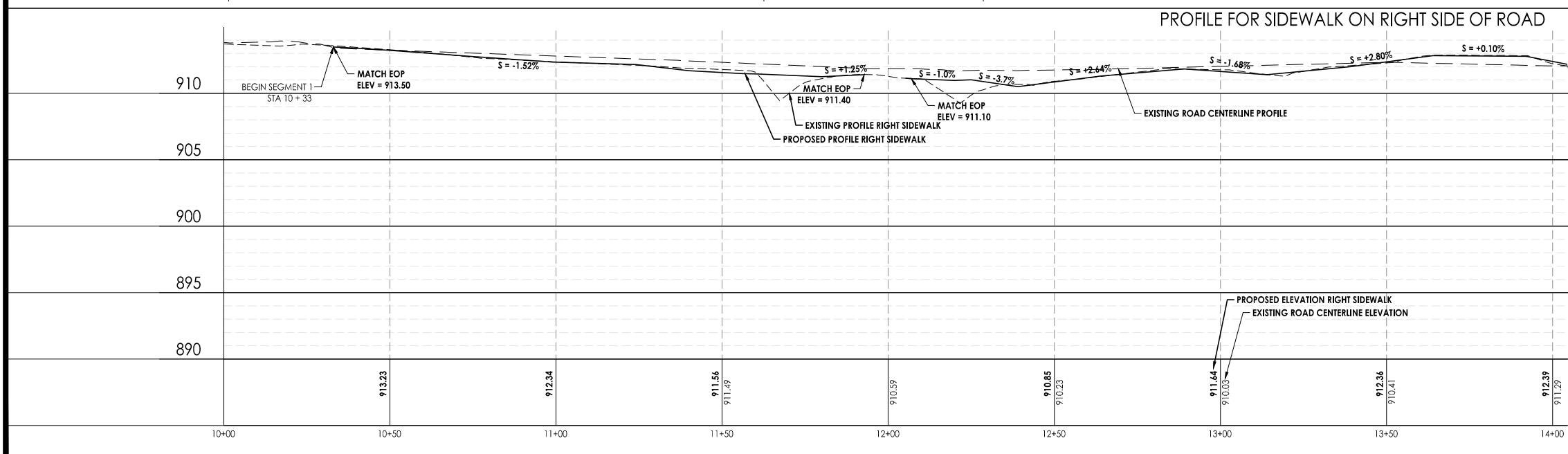
ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT

VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8\"/>



- EXISTING CONCRETE SIDEWALK
- PROPOSED CONCRETE SIDEWALK
- EXISTING ASPHALT PAVEMENT
- PROPOSED HMA PAVEMENT
- EXISTING CONCRETE DRIVEWAY
- PROPOSED CONCRETE DRIVEWAY
- EXISTING AGGREGATE DRIVEWAY
- PROPOSED AGGREGATE DRIVEWAY



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

C.E.S. INC.
CIVIL ENGINEERING SERVICES

700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-9435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

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3/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

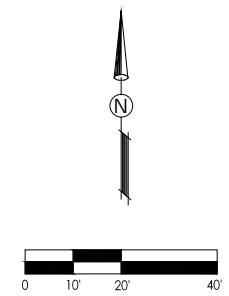
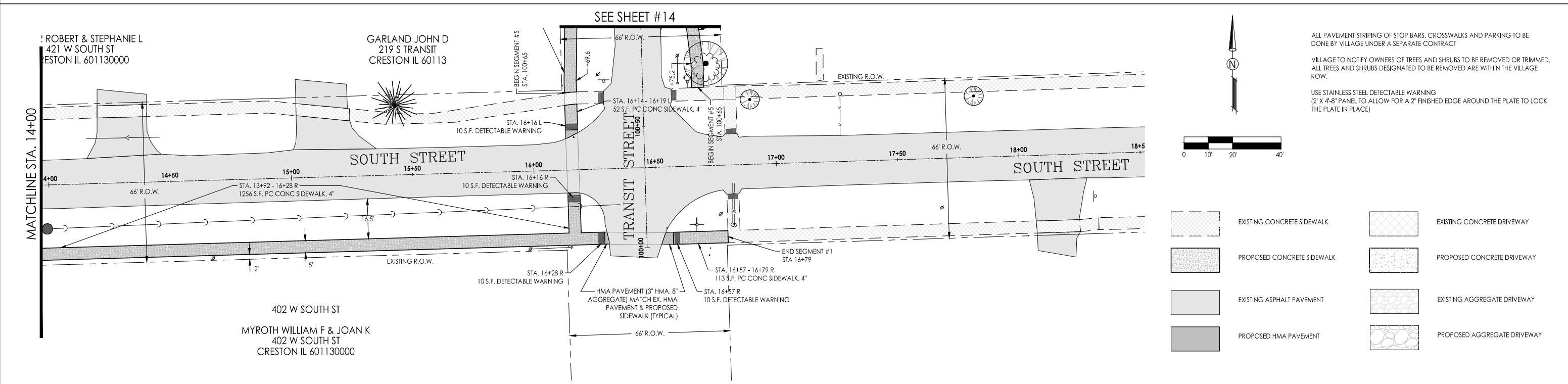
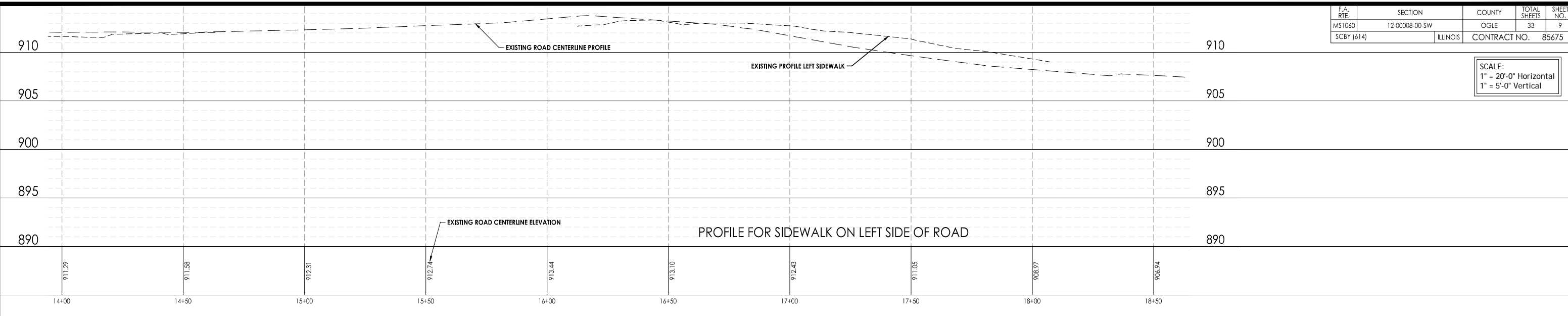
Safe Routes to School
Segment #1 South Street
Plan & Profile Sta. 10+00 - 14+00

CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 8 of 33
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS1060	12-00008-00-SW	OGLE	33	9
SCBY (614)		ILLINOIS	CONTRACT NO.	85675

SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

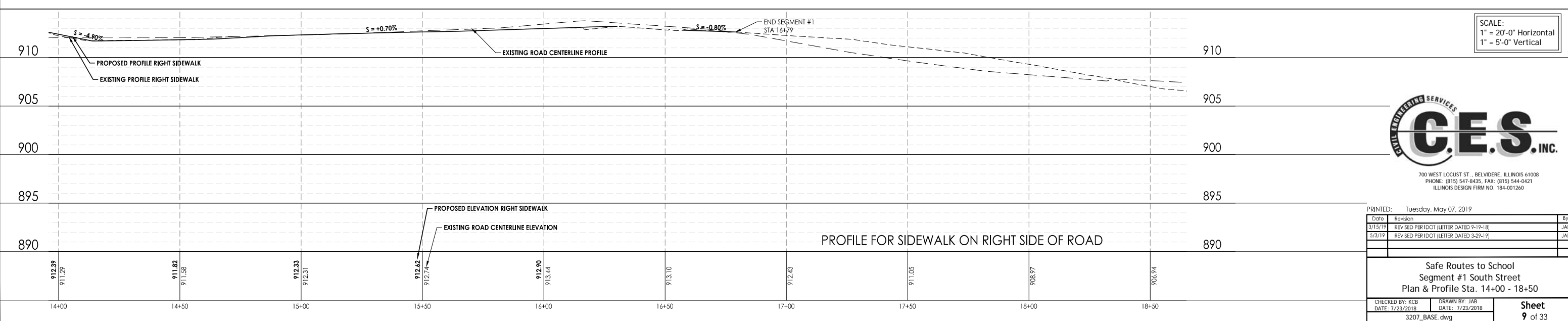


ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT

VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8" PANEL TO ALLOW FOR A 2" FINISHED EDGE AROUND THE PLATE TO LOCK THE PLATE IN PLACE)

	EXISTING CONCRETE SIDEWALK		EXISTING CONCRETE DRIVEWAY
	PROPOSED CONCRETE SIDEWALK		PROPOSED CONCRETE DRIVEWAY
	EXISTING ASPHALT PAVEMENT		EXISTING AGGREGATE DRIVEWAY
	PROPOSED HMA PAVEMENT		PROPOSED AGGREGATE DRIVEWAY



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical



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3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
3/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

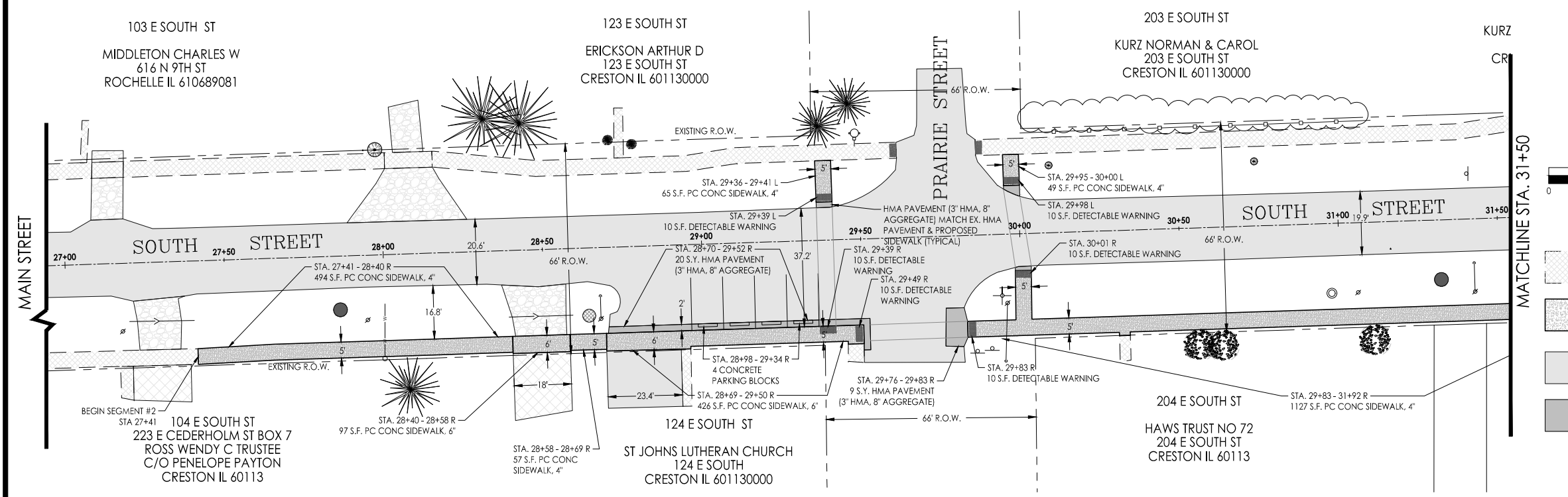
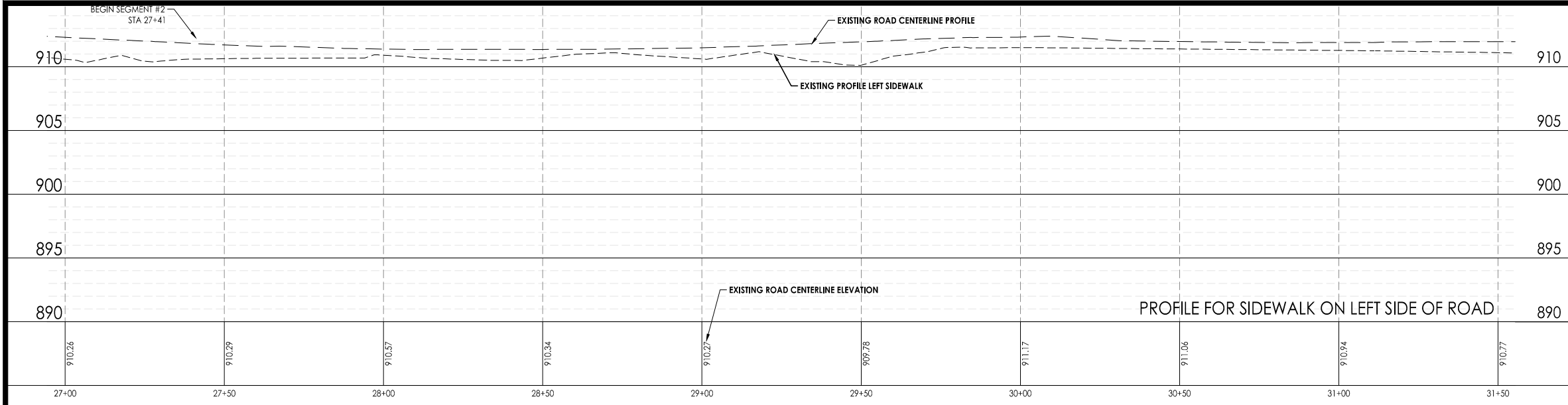
Safe Routes to School
Segment #1 South Street
Plan & Profile Sta. 14+00 - 18+50

CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 9 of 33
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3207_BASE.dwg

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS1060	12-00008-00-SW	OGLE	33	10
SCBY (614)	ILLINOIS	CONTRACT NO. 85675		

SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical



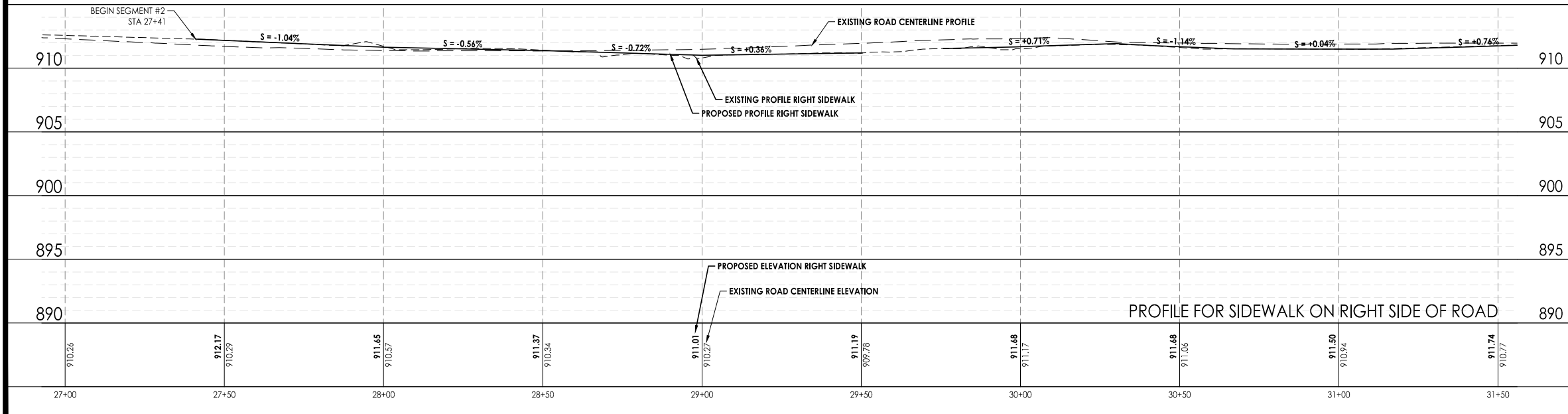
ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT

VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8" PANEL TO ALLOW FOR A 2" FINISHED EDGE AROUND THE PLATE TO LOCK THE PLATE IN PLACE)

0 10' 20' 40'

EXISTING CONCRETE SIDEWALK
PROPOSED CONCRETE SIDEWALK
EXISTING ASPHALT PAVEMENT
PROPOSED HMA PAVEMENT
EXISTING CONCRETE DRIVEWAY
PROPOSED CONCRETE DRIVEWAY
EXISTING AGGREGATE DRIVEWAY
PROPOSED AGGREGATE DRIVEWAY



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

C.E.S. INC.
CIVIL ENGINEERING SERVICES
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: Tuesday, May 07, 2019

Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
3/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
Segment #2 South Street
Plan & Profile Sta. 27+00 - 31+50

CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 10 of 33
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3207_BASE.dwg

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS1060	12-00008-00-SW	OGLE	33	11
SCBY (614)	ILLINOIS	CONTRACT NO. 85675		

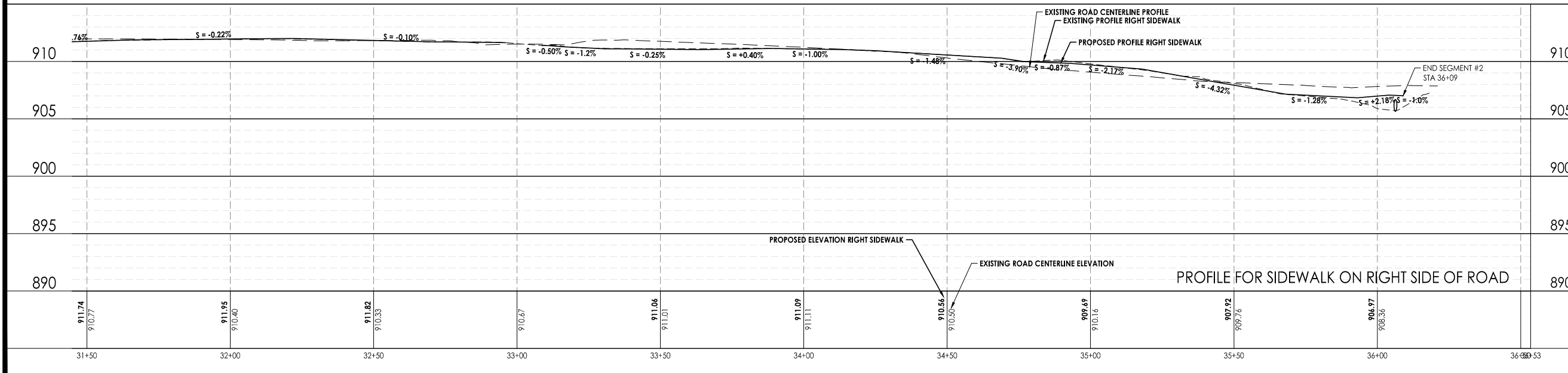
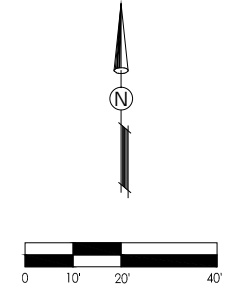
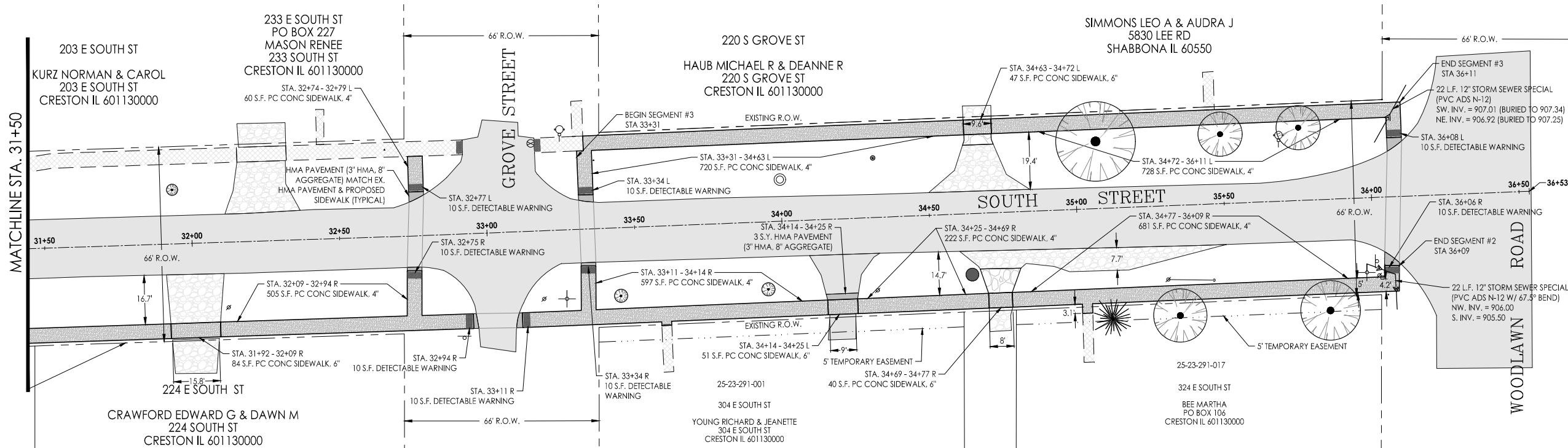
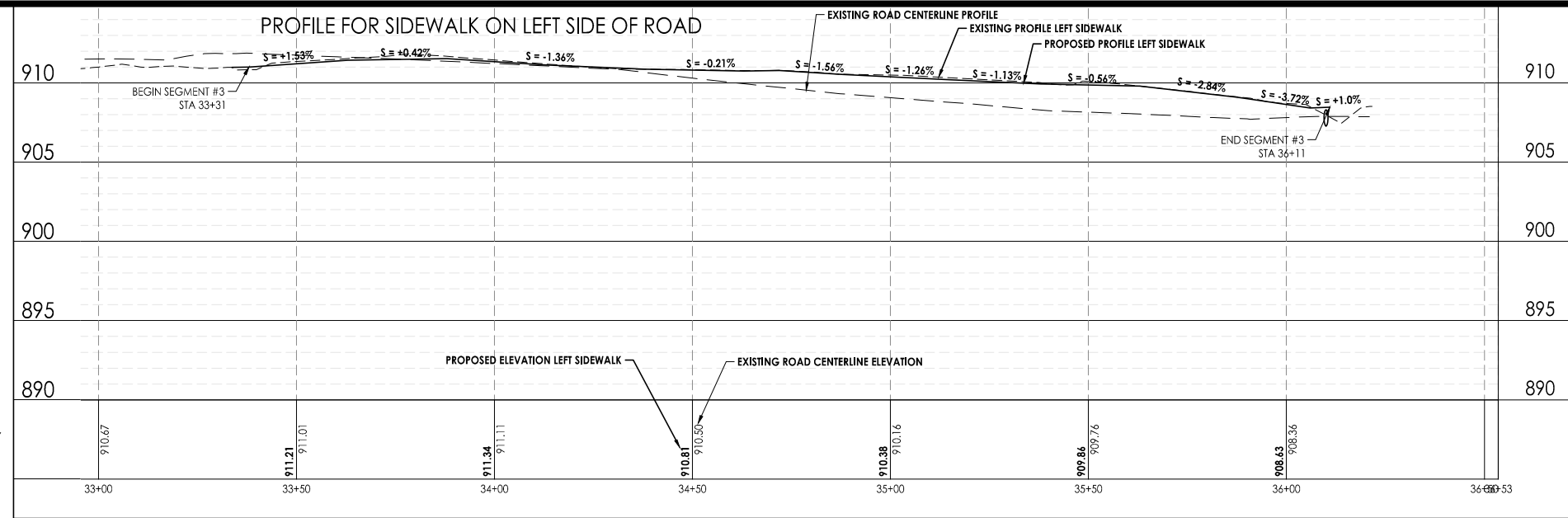
SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT

VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8" PANEL TO ALLOW FOR A 2" FINISHED EDGE AROUND THE PLATE TO LOCK THE PLATE IN PLACE)

	EXISTING CONCRETE SIDEWALK		EXISTING CONCRETE DRIVEWAY
	PROPOSED CONCRETE SIDEWALK		PROPOSED CONCRETE DRIVEWAY
	EXISTING ASPHALT PAVEMENT		EXISTING AGGREGATE DRIVEWAY
	PROPOSED HMA PAVEMENT		PROPOSED AGGREGATE DRIVEWAY



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

ENGINEERING SERVICES
C.E.S. INC.
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

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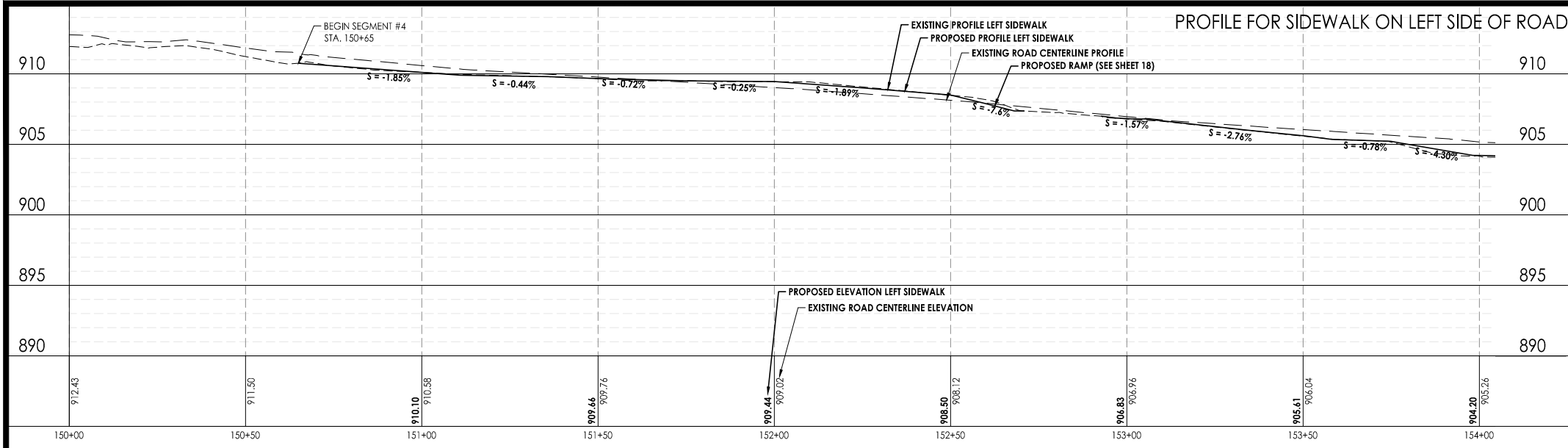
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
3/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
Segment #2 & #3 South Street
Plan & Profile Sta. 31+50 - 36+50

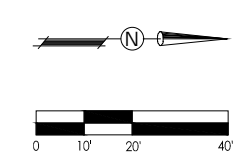
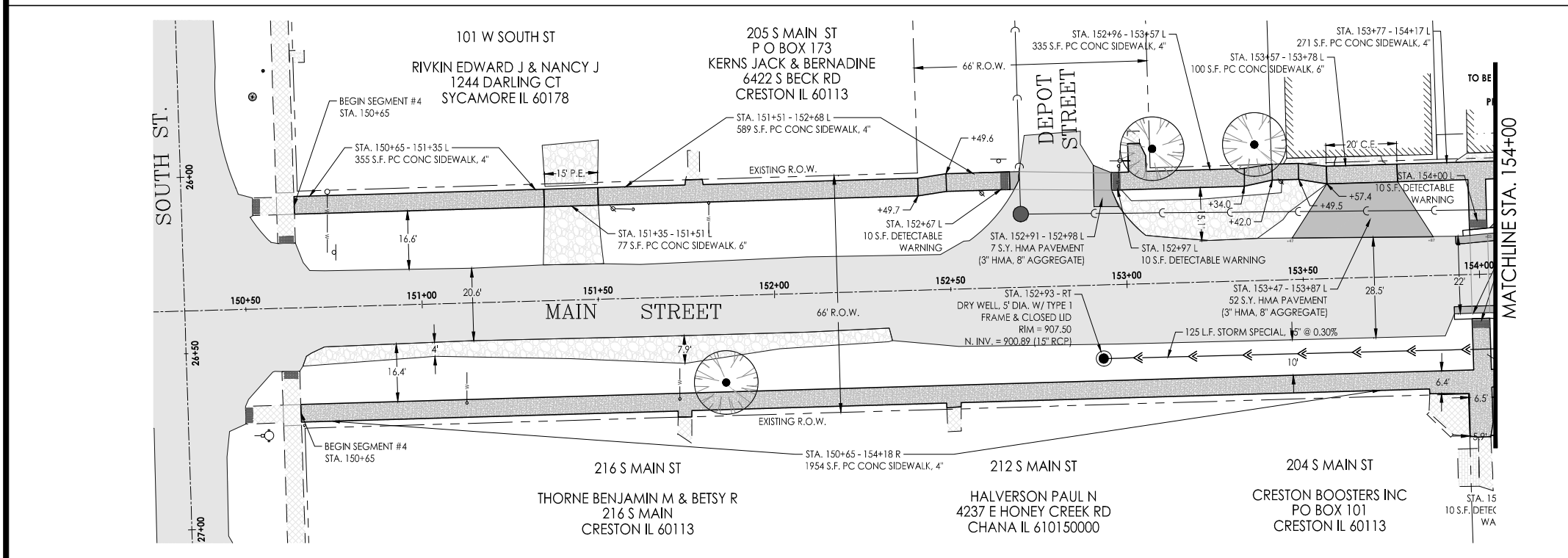
CHECKED BY: KCB	DRAWN BY: JAB	Sheet 11 of 33
DATE: 7/23/2018	DATE: 7/23/2018	

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS6050	12-00008-00-SW	OGLE	33	12
SCBY (614)	ILLINOIS	CONTRACT NO. 85675		



SCALE:
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1" = 5'-0" Vertical

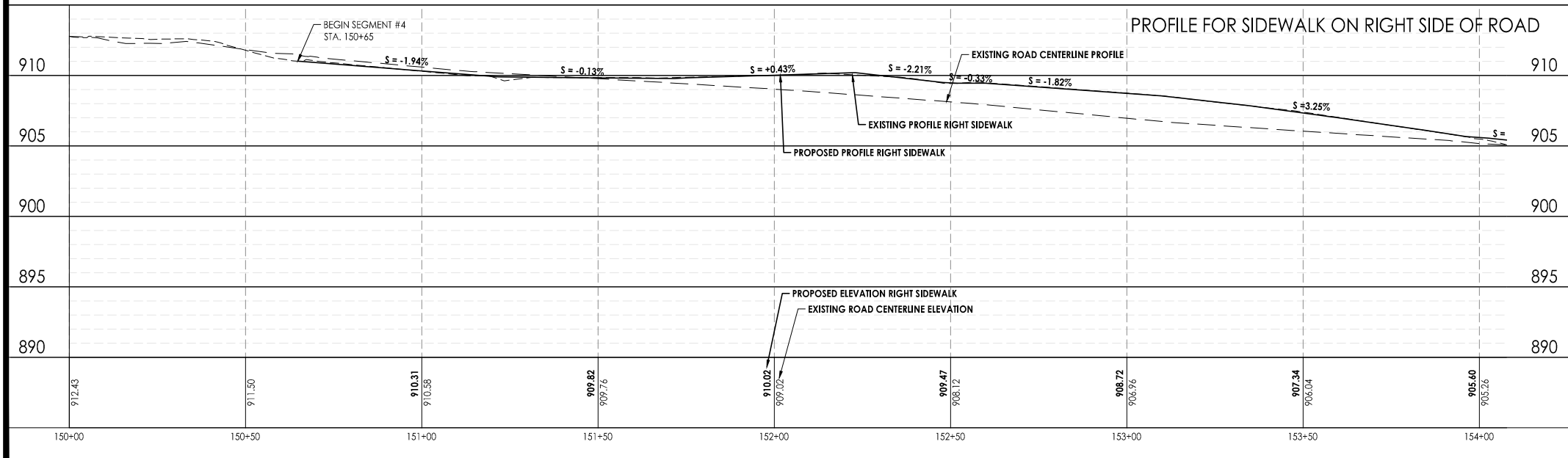


ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT

VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8" PANEL TO ALLOW FOR A 2" FINISHED EDGE AROUND THE PLATE TO LOCK THE PLATE IN PLACE)

	EXISTING CONCRETE SIDEWALK		EXISTING CONCRETE DRIVEWAY
	PROPOSED CONCRETE SIDEWALK		PROPOSED CONCRETE DRIVEWAY
	EXISTING ASPHALT PAVEMENT		EXISTING AGGREGATE DRIVEWAY
	PROPOSED HMA PAVEMENT		PROPOSED AGGREGATE DRIVEWAY



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical



PRINTED: Tuesday, May 07, 2019

Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
3/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

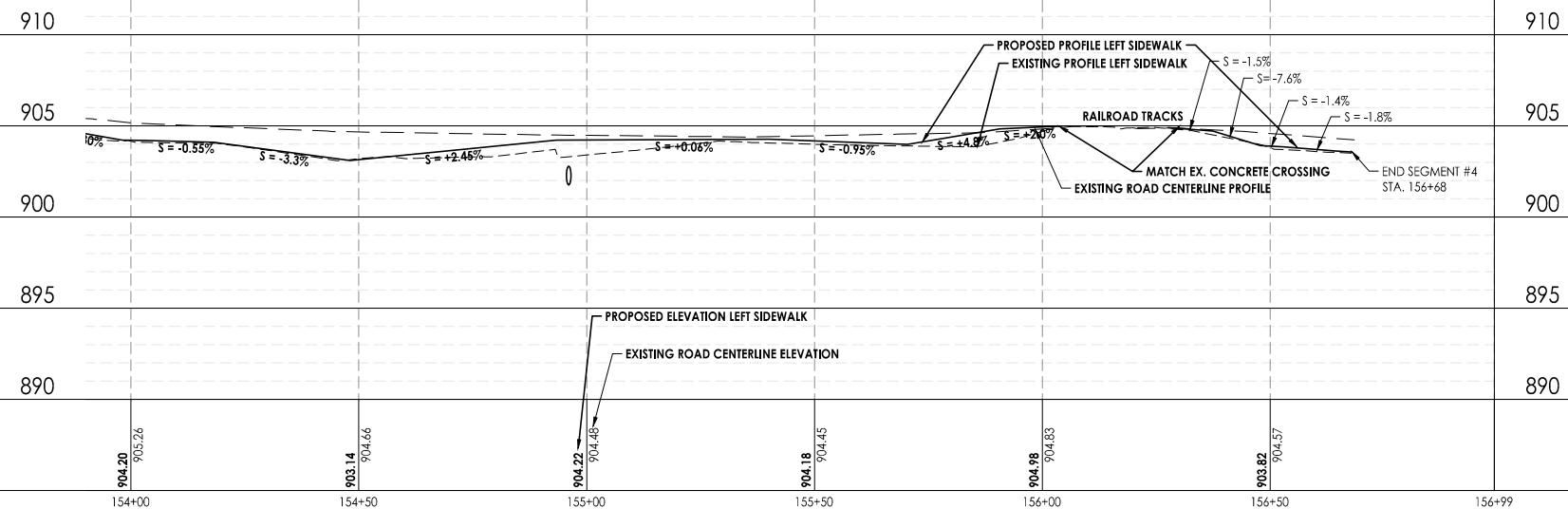
Safe Routes to School
Segment #4 Main Street
Plan & Profile Sta. 150+50 - 153+50

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DATE: 7/23/2018	DATE: 7/23/2018	

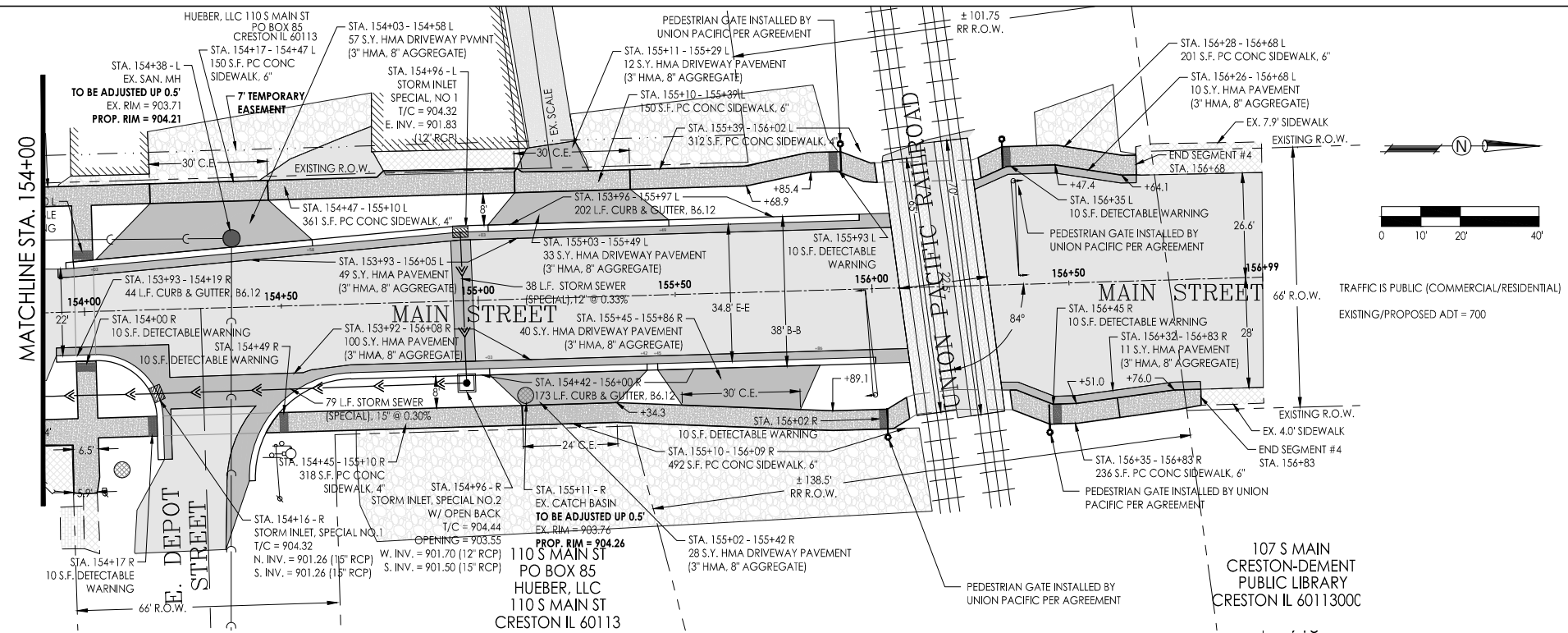
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS6050	12-00008-00-SW	OGLE	33	13
SCBY (614)	ILLINOIS	CONTRACT NO.	85675	

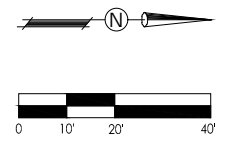
PROFILE FOR SIDEWALK ON LEFT SIDE OF ROAD



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

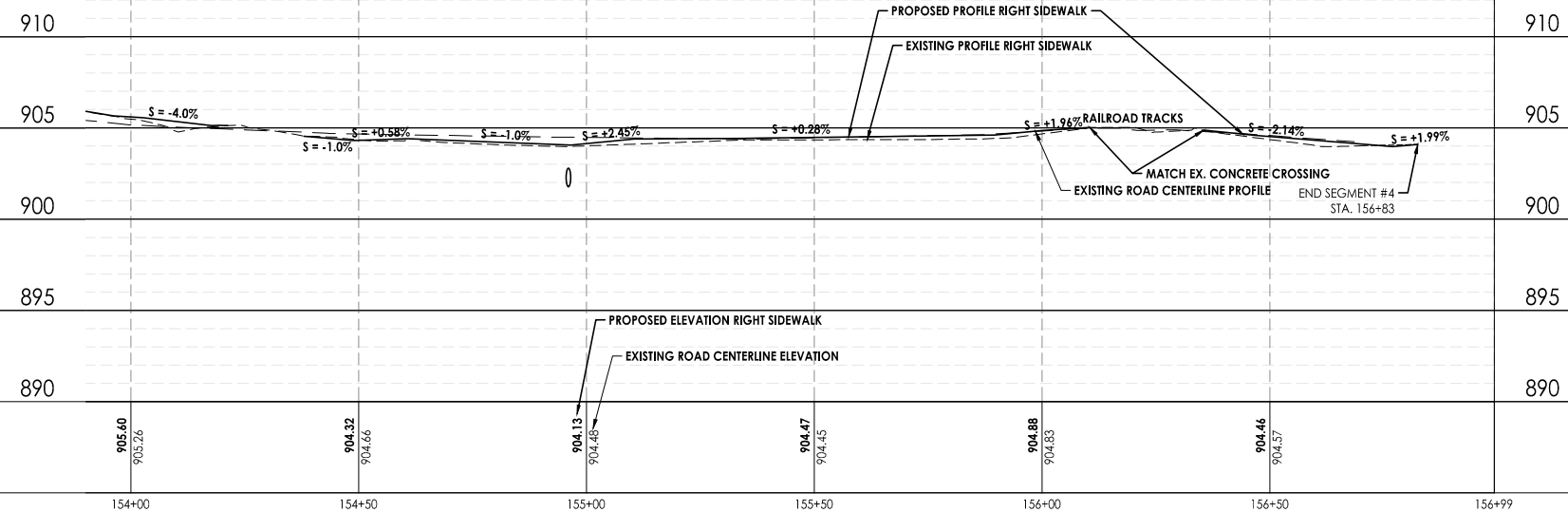


ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT
VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.
USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8" PANEL TO ALLOW FOR A 2" FINISHED EDGE AROUND THE PLATE TO LOCK THE PLATE IN PLACE)



- EXISTING CONCRETE SIDEWALK
- PROPOSED CONCRETE SIDEWALK
- EXISTING ASPHALT PAVEMENT
- PROPOSED HMA PAVEMENT
- EXISTING CONCRETE DRIVEWAY
- PROPOSED CONCRETE DRIVEWAY
- EXISTING AGGREGATE DRIVEWAY
- PROPOSED AGGREGATE DRIVEWAY

PROFILE FOR SIDEWALK ON RIGHT SIDE OF ROAD



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

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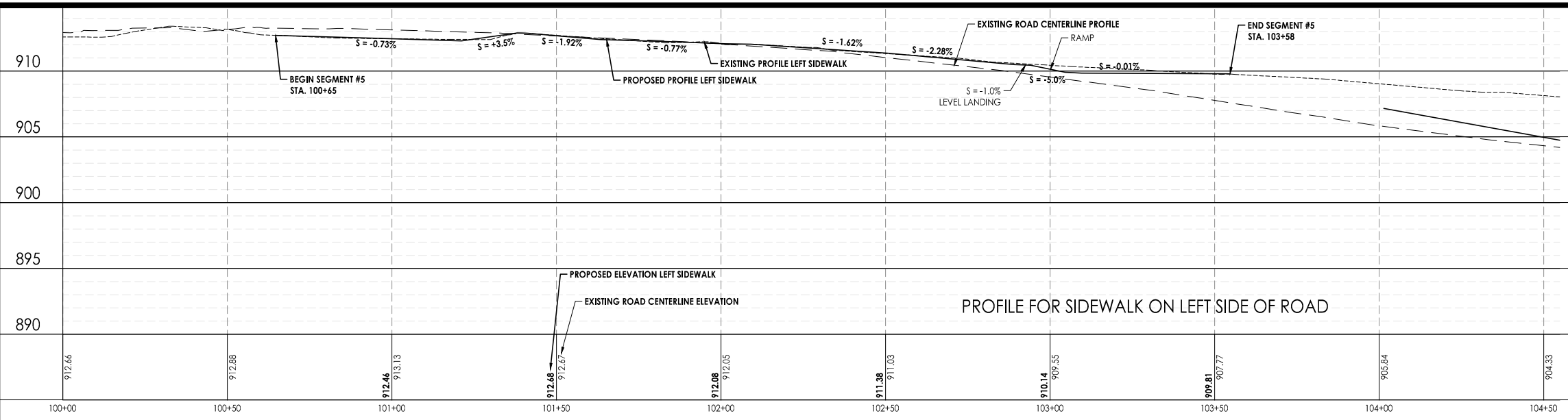
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
3/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
Segment #4 Main Street
Plan & Profile Sta. 153+50 - 157+00

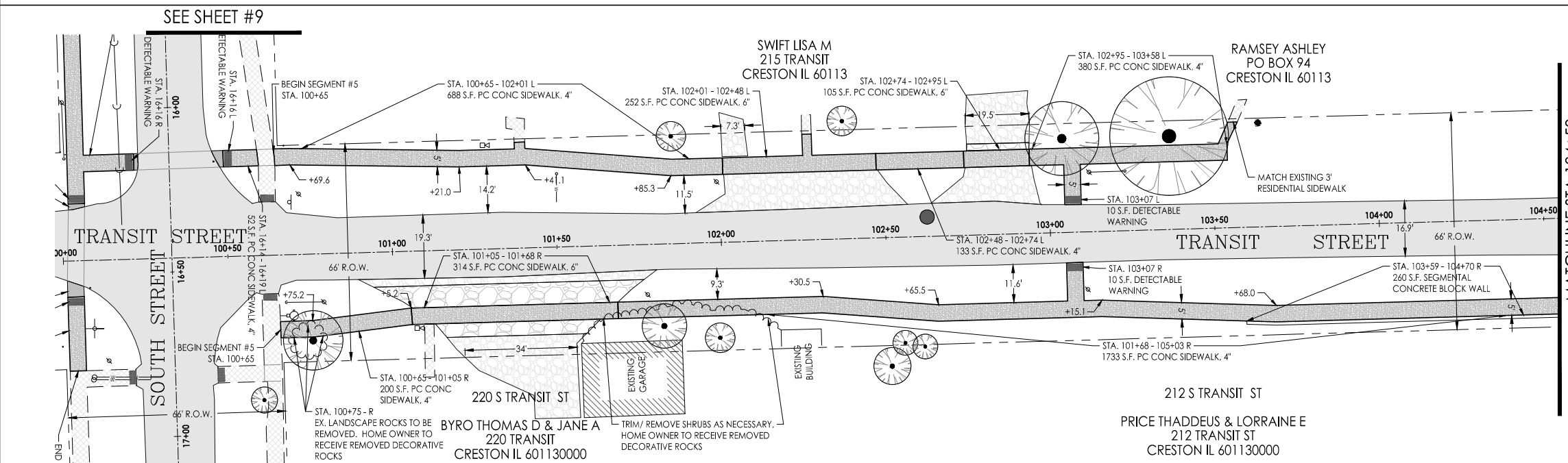
CHECKED BY: KCB	DRAWN BY: JAB	Sheet 13 of 33
DATE: 7/23/2018	DATE: 7/23/2018	

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SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical



PROFILE FOR SIDEWALK ON LEFT SIDE OF ROAD



PROFILE FOR SIDEWALK ON RIGHT SIDE OF ROAD

ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT

VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8" PANEL TO ALLOW FOR A 2" FINISHED EDGE AROUND THE PLATE TO LOCK THE PLATE IN PLACE)

	EXISTING CONCRETE SIDEWALK		EXISTING CONCRETE DRIVEWAY
	PROPOSED CONCRETE SIDEWALK		PROPOSED CONCRETE DRIVEWAY
	EXISTING ASPHALT PAVEMENT		EXISTING AGGREGATE DRIVEWAY
	PROPOSED HMA PAVEMENT		PROPOSED AGGREGATE DRIVEWAY



PRINTED: Tuesday, May 07, 2019

Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
3/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
Segment # 5 Transit Street
Plan & Profile Sta. 100+50 - 104+50

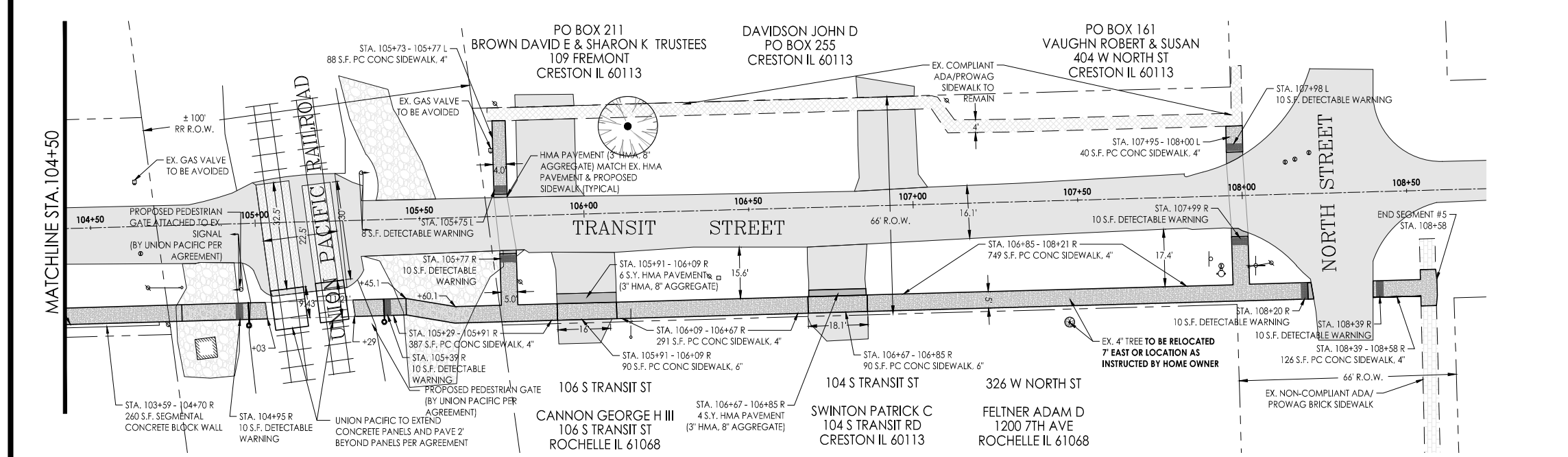
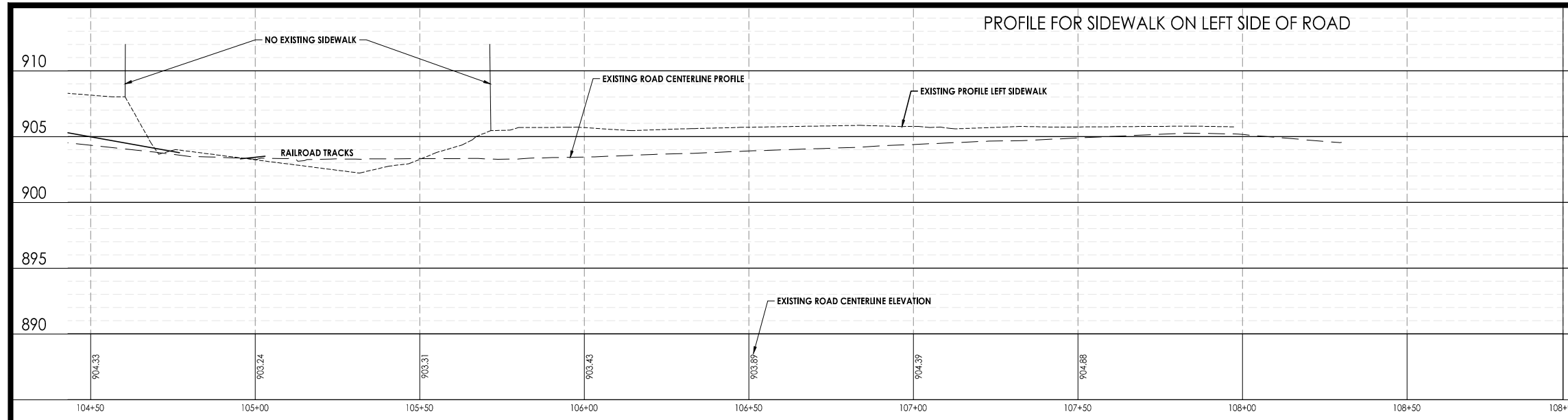
CHECKED BY: KCB	DRAWN BY: JAB	Sheet 14 of 33
DATE: 7/23/2018	DATE: 7/23/2018	

3207_BASE.dwg

PROFILE FOR SIDEWALK ON LEFT SIDE OF ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MS6020	12-00008-00-SW	OGLE	33	15
SCBY (614)	ILLINOIS	CONTRACT NO. 85675		

SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical



ALL PAVEMENT STRIPING OF STOP BARS, CROSSWALKS AND PARKING TO BE DONE BY VILLAGE UNDER A SEPARATE CONTRACT

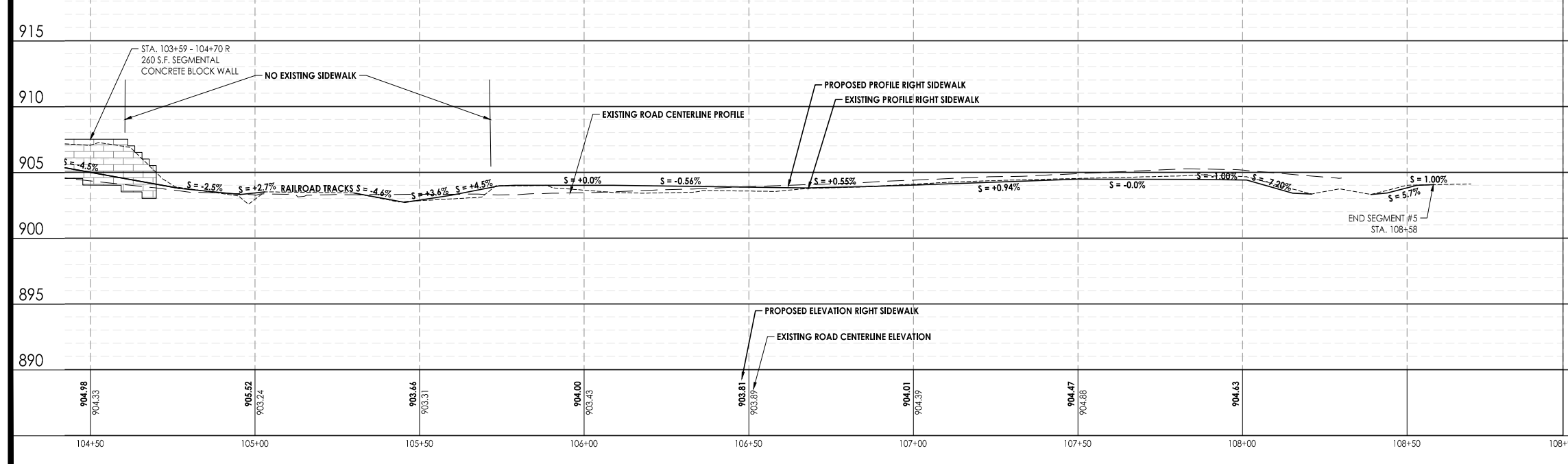
VILLAGE TO NOTIFY OWNERS OF TREES AND SHRUBS TO BE REMOVED OR TRIMMED. ALL TREES AND SHRUBS DESIGNATED TO BE REMOVED ARE WITHIN THE VILLAGE ROW.

USE STAINLESS STEEL DETECTABLE WARNING (2' X 4'-8" PANEL TO ALLOW FOR A 2" FINISHED EDGE AROUND THE PLATE TO LOCK THE PLATE IN PLACE)

0 10' 20' 40'

	EXISTING CONCRETE SIDEWALK		EXISTING CONCRETE DRIVEWAY
	PROPOSED CONCRETE SIDEWALK		PROPOSED CONCRETE DRIVEWAY
	EXISTING ASPHALT PAVEMENT		EXISTING AGGREGATE DRIVEWAY
	PROPOSED HMA PAVEMENT		PROPOSED AGGREGATE DRIVEWAY

PROFILE FOR SIDEWALK ON RIGHT SIDE OF ROAD



SCALE:
1" = 20'-0" Horizontal
1" = 5'-0" Vertical

ENGINEERING SERVICES
C.E.S. INC.
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: Tuesday, May 07, 2019

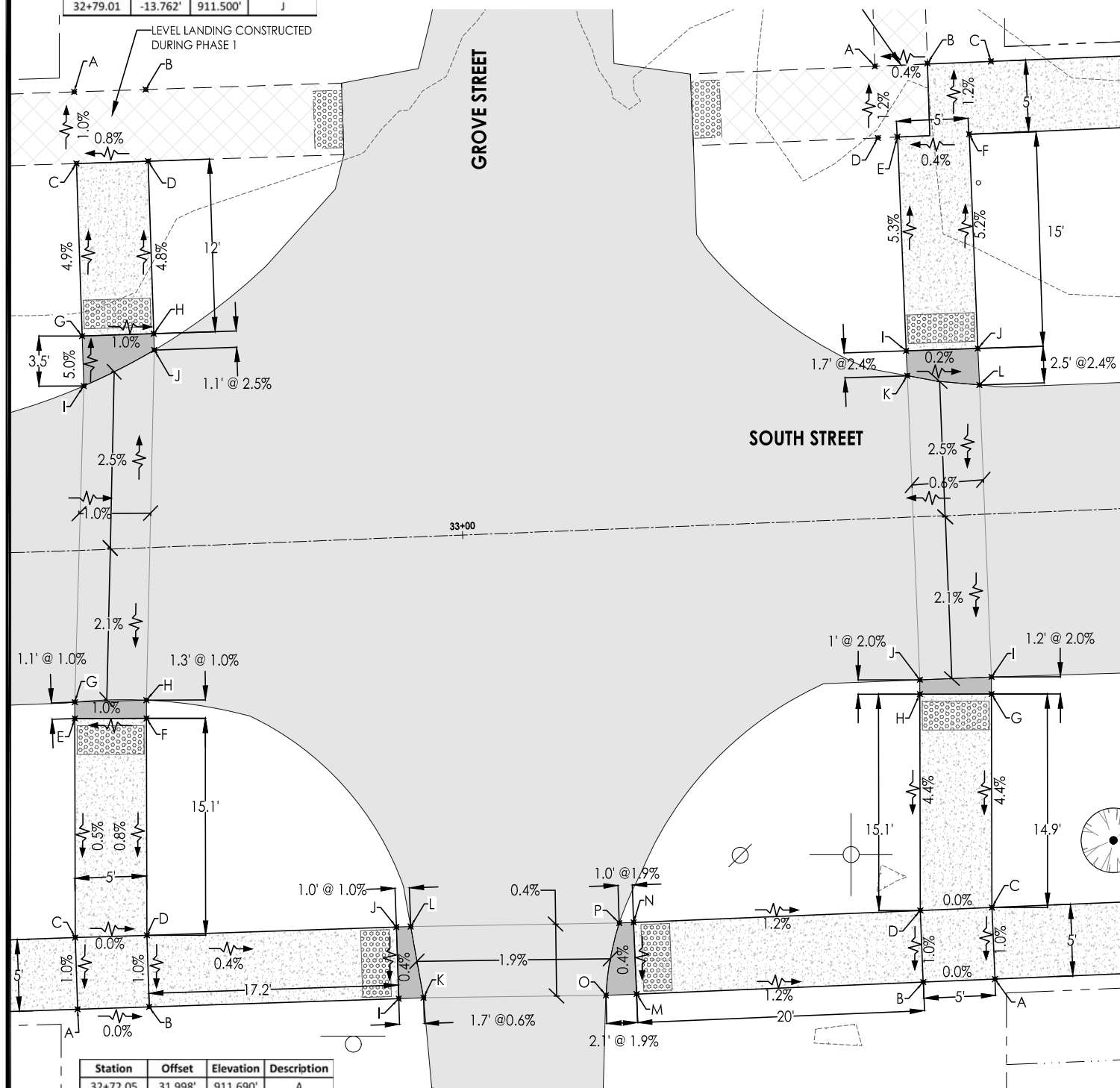
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
Segment #5 Transit Street
Plan & Profile Sta. 104+50 - 108+50

CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 15 of 33
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3207_BASE.dwg

Station	Offset	Elevation	Description
32+74.14	-31.990'	910.800'	A
32+79.14	-31.955'	910.840'	B
32+74.10	-26.990'	910.850'	C
32+79.10	-26.955'	910.890'	D
RESERVED			E
RESERVED			F
32+74.02	-14.942'	911.540'	G
32+79.02	-14.906'	911.470'	H
32+73.99	-11.453'	911.720'	I
32+79.01	-13.762'	911.500'	J

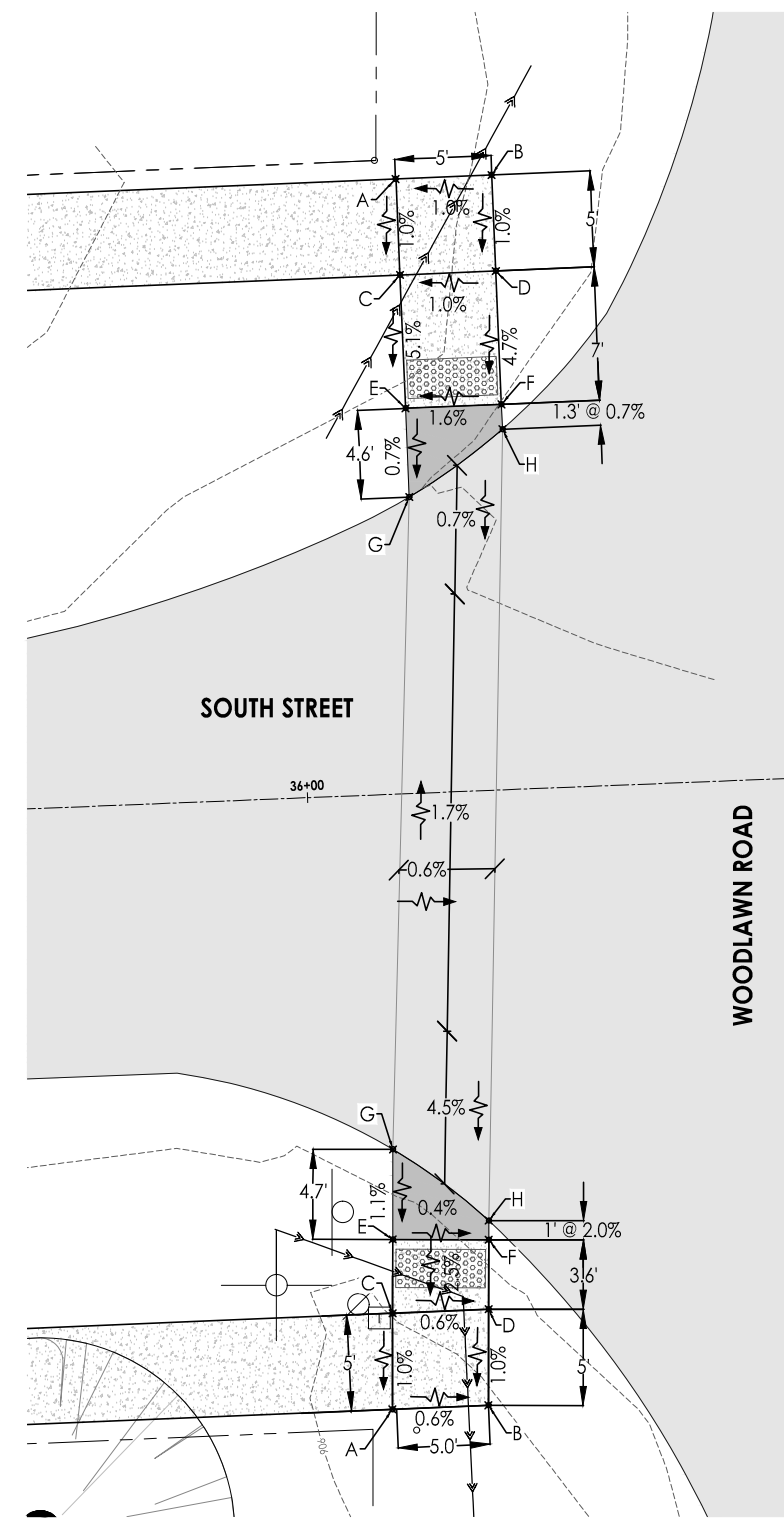


Station	Offset	Elevation	Description
33+30.04	-31.540'	910.960'	A
33+33.71	-31.591'	910.980'	B
33+38.15	-31.553'	911.000'	C
33+30.05	-26.540'	911.020'	D
33+31.41	-26.555'	911.030'	E
33+36.42	-26.542'	911.050'	F
RESERVED			G
RESERVED			H
33+31.42	-11.608'	911.820'	I
33+36.42	-11.573'	911.830'	J
33+31.44	-9.867'	911.860'	K
33+36.44	-9.023'	911.890'	L

Station	Offset	Elevation	Description
33+35.86	32.450'	911.100'	A
33+30.86	32.459'	911.100'	B
33+35.85	27.450'	911.150'	C
33+30.85	27.459'	911.150'	D
RESERVED			E
RESERVED			F
33+36.42	12.562'	911.800'	G
33+31.42	12.371'	911.820'	H
33+36.47	11.372'	911.820'	I
33+31.46	11.372'	911.840'	J
RESERVED			K
RESERVED			L
33+10.84	32.493'	911.340'	M
33+10.83	27.493'	911.380'	N
33+08.70	32.496'	911.380'	O
33+09.83	27.494'	911.400'	P

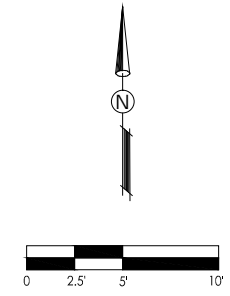
Station	Offset	Elevation	Description
32+72.05	31.998'	911.690'	A
32+76.82	32.026'	911.690'	B
32+72.05	26.998'	911.740'	C
32+76.86	27.026'	911.740'	D
32+72.52	11.711'	911.810'	E
32+77.44	11.899'	911.860'	F
32+72.56	10.570'	911.820'	G
32+77.48	10.630'	911.870'	H
32+94.24	32.149'	911.640'	I
32+94.27	27.150'	911.660'	J
32+95.97	32.162'	911.630'	K
32+95.27	27.157'	911.650'	L

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCBY (614)	12-00008-00-SW	OGLE	33	18
CONTRACT NO.			85675	



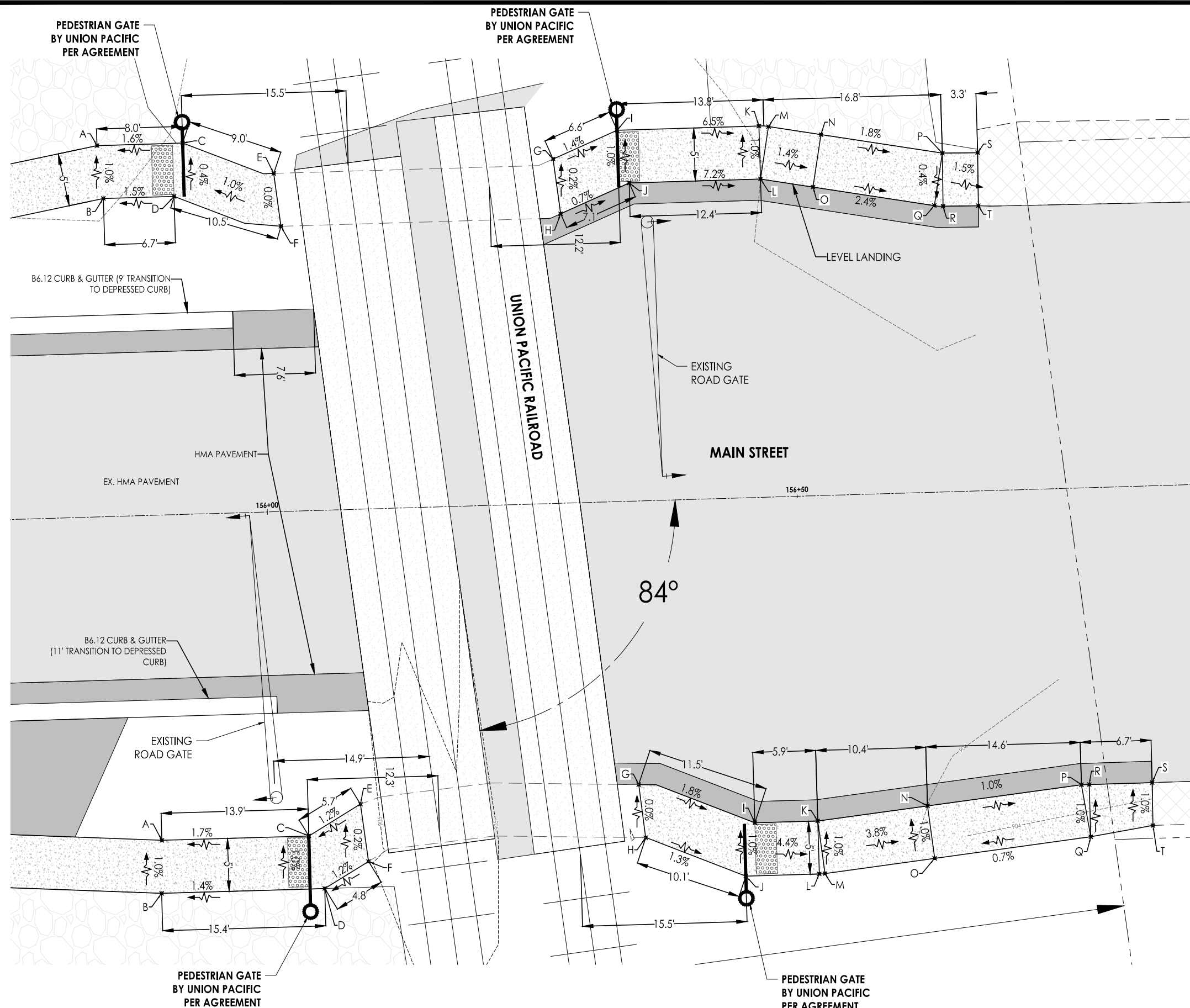
Station	Offset	Elevation	Description
36+05.87	-32.004'	908.410'	A
36+10.87	-32.012'	908.460'	B
36+05.90	-27.004'	908.360'	C
36+10.90	-27.013'	908.410'	D
36+05.91	-20.053'	908.000'	E
36+10.91	-20.062'	908.080'	F
36+05.92	-15.430'	907.970'	G
36+10.91	-18.767'	908.070'	H

Station	Offset	Elevation	Description
36+03.14	32.001'	907.080'	A
36+08.15	31.992'	907.050'	B
36+03.35	27.005'	907.130'	C
36+08.36	26.992'	907.100'	D
36+03.52	23.165'	907.210'	E
36+08.51	23.377'	907.190'	F
36+03.71	18.476'	907.260'	G
36+08.55	22.378'	907.210'	H



700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
 PHONE: (815) 547-8435, FAX: (815) 544-0421
 ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: Tuesday, May 07, 2019		
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
Safe Routes to School ADA Detail (Segments 2 & 3)		
CHECKED BY: KCB	DRAWN BY: JAB	Sheet
DATE: 7/23/2018	DATE: 7/23/2018	18 of 33
3207_BASE.dwg		



Station	Offset	Elevation	Description
155+84.95	-34.998'	904.740'	A
155+85.40	-29.998'	904.790'	E
155+93.03	-34.998'	904.870'	C
155+92.07	-29.998'	904.890'	D
156+01.54	-31.886'	904.980'	F
156+02.07	-26.886'	904.980'	I
156+27.91	-32.466'	904.890'	G
156+28.47	-27.285'	904.900'	H
156+34.02	-34.998'	904.800'	J
156+35.02	-29.998'	904.850'	L
156+47.41	-34.998'	903.910'	K
156+47.41	-30.001'	903.960'	M
156+48.30	-34.918'	903.910'	N
156+53.23	-34.018'	903.840'	O
156+52.33	-29.099'	903.890'	P
156+64.62	-31.938'	903.620'	Q
156+63.73	-27.019'	903.600'	R
156+64.54	-26.939'	903.600'	S
156+67.95	-31.883'	903.570'	T
156+67.87	-26.884'	903.550'	T

COORDINATE WITH THE UNION PACIFIC RAILROAD FOR WHEN THEY ARE PROVIDING ADA COMPLIANT CROSSING WITH PROPER GAP SPACING

Station	Offset	Elevation	Description
155+89.13	30.653'	904.700'	A
155+88.96	35.653'	904.750'	E
156+03.01	30.653'	904.930'	C
156+04.35	35.644'	904.960'	D
156+07.96	27.794'	905.000'	F
156+08.56	33.222'	905.010'	H
156+34.24	26.730'	904.870'	G
156+34.75	31.755'	904.870'	I
156+45.09	30.653'	904.660'	J
156+44.08	35.653'	904.710'	L
156+51.01	30.653'	904.400'	K
156+51.01	35.653'	904.450'	M
156+51.55	35.633'	904.450'	N
156+61.41	29.539'	904.000'	O
156+61.95	34.507'	904.050'	P
156+75.98	27.981'	904.100'	Q
156+76.72	32.906'	904.150'	R
156+76.71	27.977'	904.100'	S
156+82.65	27.970'	904.050'	T
156+82.61	32.016'	904.090'	T

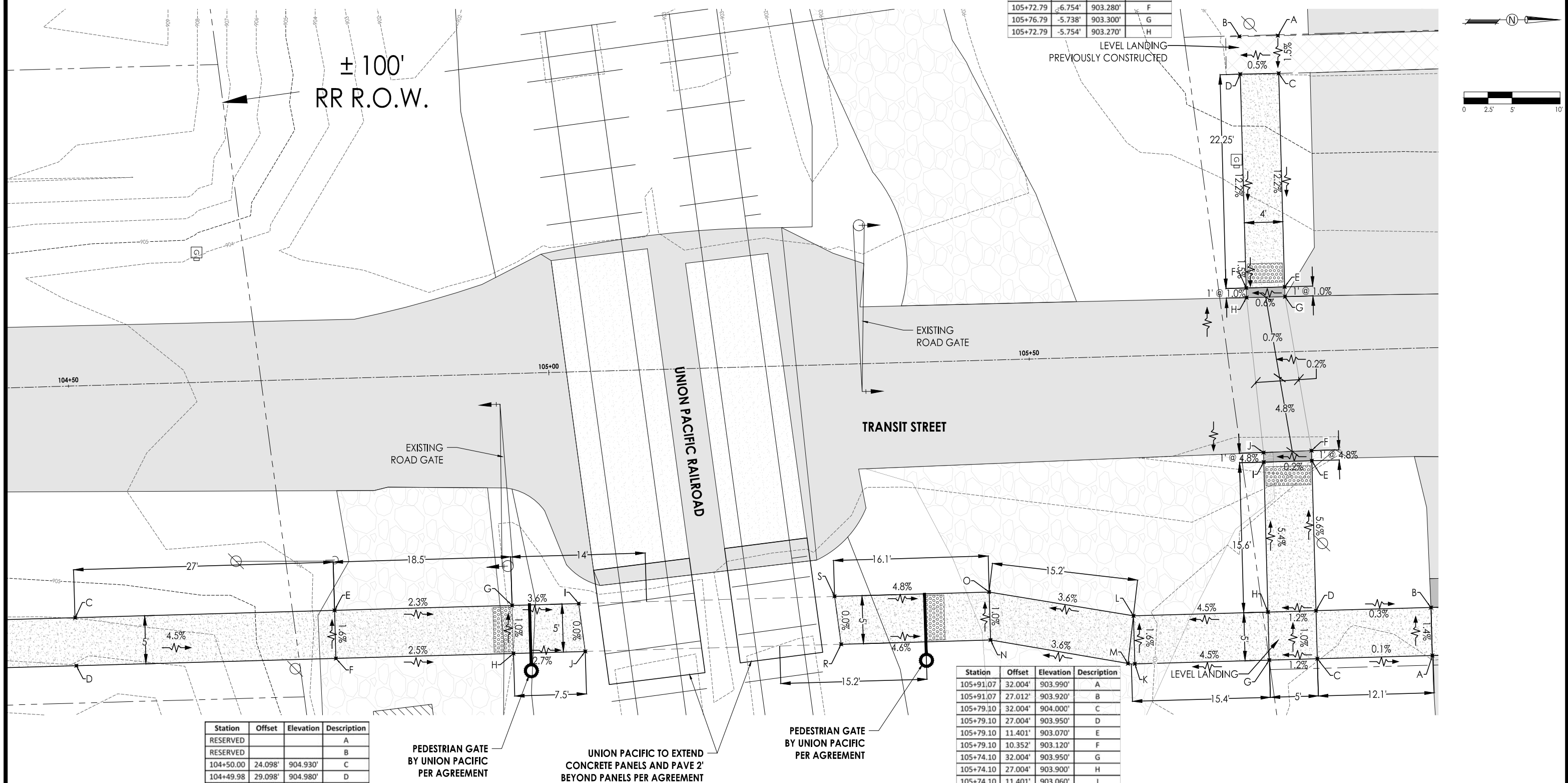
PRINTED: Tuesday, May 07, 2019

Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
ADA Detail (Segment 4)

CHECKED BY: KCB	DRAWN BY: JAB	Sheet 20 of 33
DATE: 7/23/2018	DATE: 7/23/2018	

Station	Offset	Elevation	Description
105+76.81	-32.897'	906.120'	A
105+72.81	-32.927'	906.100'	B
105+76.79	-28.976'	906.060'	C
105+72.79	-29.006'	906.040'	D
105+76.79	-6.754'	903.310'	E
105+72.79	-6.754'	903.280'	F
105+76.79	-5.738'	903.300'	G
105+72.79	-5.754'	903.270'	H



Station	Offset	Elevation	Description
RESERVED			A
RESERVED			B
104+50.00	24.098'	904.930'	C
104+49.98	29.098'	904.980'	D
104+77.02	24.108'	903.680'	E
104+77.02	29.108'	903.760'	F
104+95.50	24.110'	903.250'	G
104+95.50	29.108'	903.300'	H
105+02.43	24.112'	903.500'	I
105+02.98	29.108'	903.500'	J

Station	Offset	Elevation	Description
105+91.07	32.004'	903.990'	A
105+91.07	27.012'	903.920'	B
105+79.10	32.004'	904.000'	C
105+79.10	27.004'	903.950'	D
105+79.10	11.401'	903.070'	E
105+79.10	10.352'	903.120'	F
105+74.10	32.004'	903.950'	G
105+74.10	27.004'	903.900'	H
105+74.10	11.401'	903.060'	I
105+74.10	10.414'	903.110'	J
105+60.10	32.004'	903.250'	K
105+60.10	27.004'	903.200'	L
105+59.38	31.952'	903.240'	M
105+45.16	29.107'	902.700'	N
105+45.15	24.107'	902.650'	O
RESERVED			P
RESERVED			Q
105+29.61	29.107'	903.420'	R
105+29.06	24.107'	903.420'	S

PEDESTRIAN GATE BY UNION PACIFIC PER AGREEMENT

UNION PACIFIC TO EXTEND CONCRETE PANELS AND PAVE 2' BEYOND PANELS PER AGREEMENT

PEDESTRIAN GATE BY UNION PACIFIC PER AGREEMENT

COORDINATE WITH THE UNION PACIFIC RAILROAD FOR WHEN THEY ARE PROVIDING ADA COMPLIANT CROSSING WITH PROPER GAP SPACING



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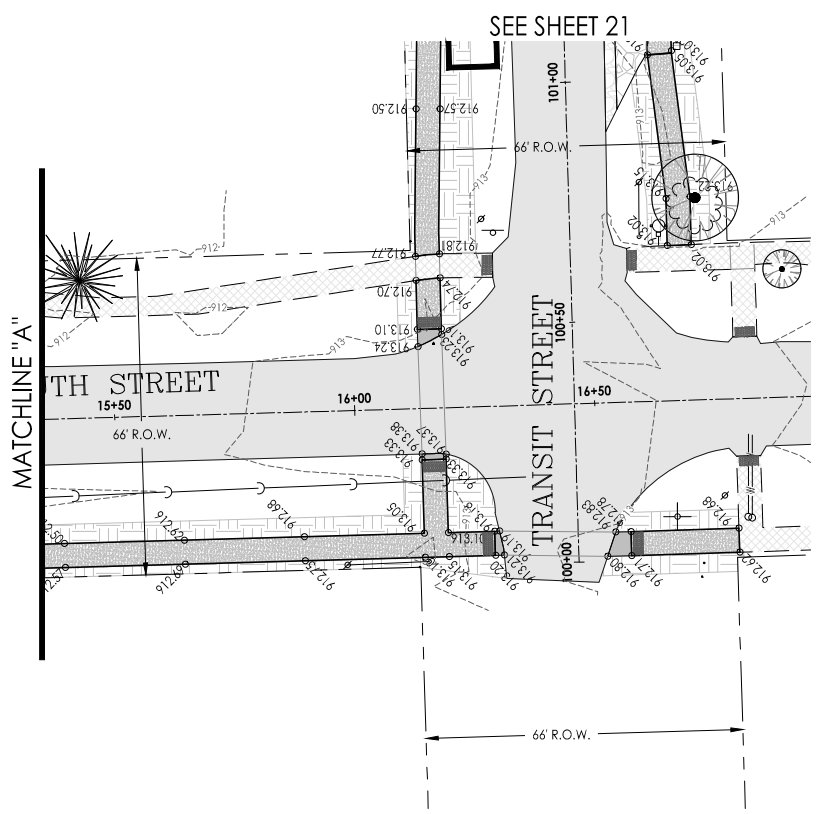
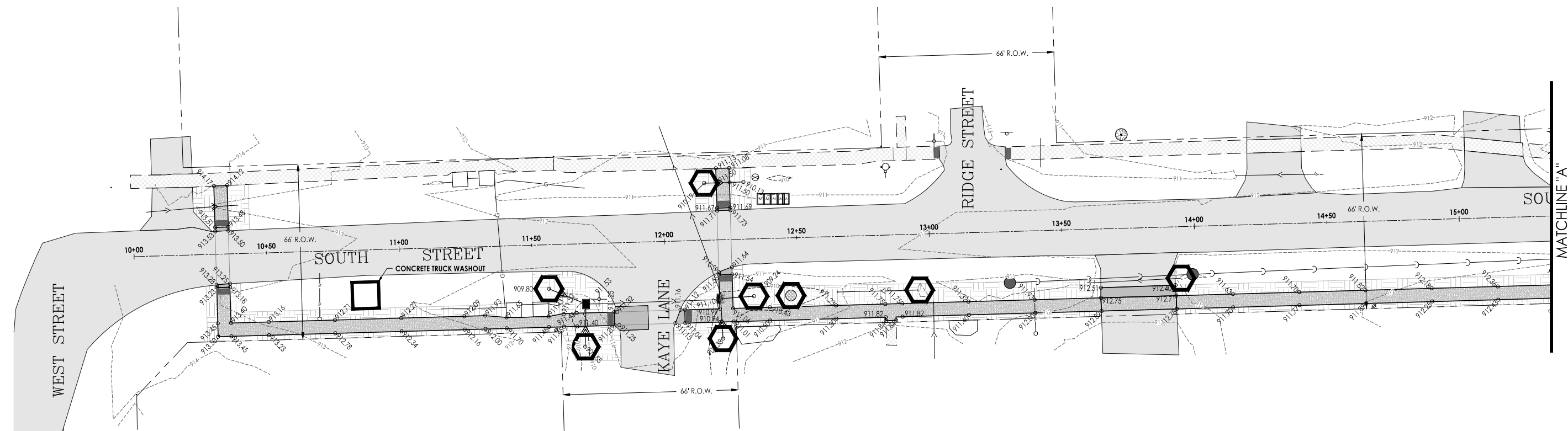
PRINTED: Tuesday, May 07, 2019

Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
 ADA Detail (Segment 5)

CHECKED BY: KCB	DRAWN BY: JAB	Sheet 22 of 33
DATE: 7/23/2018	DATE: 7/23/2018	

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EROSION AND SEDIMENT CONTROL NOTES:

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST REVISION.

A COPY OF THE APPROVED STORMWATER POLLUTION PREVENTION PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE OWNER, THEIR AGENT, OR ENGINEER (C.E.S. INC.).

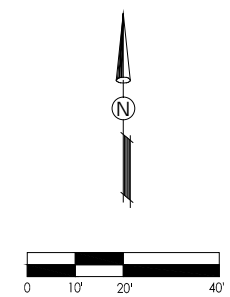
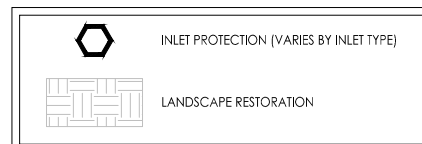
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EROSION FABRIC IS NECESSARY FOR SILT TRAPS INSTALLED AT ALL STORM STRUCTURES WITH OPEN LIDS. ALL STORMWATER INLETS SHALL BE PROTECTED PER THE DETAILS. AFTER EACH RAINFALL EACH INLET SHALL BE INSPECTED. ANY INLET PROTECTION THAT HAS FAILED OR IS DAMAGED SHALL BE REPAIRED AS SOON AS POSSIBLE. SEDIMENT SHALL BE REMOVED AS NECESSARY TO PROVIDE FOR THE CONTINUED EFFECTIVENESS OF THE INLET PROTECTION TECHNIQUE IN USE.

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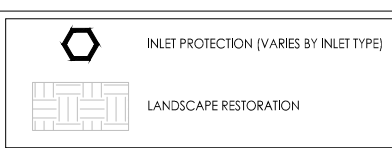
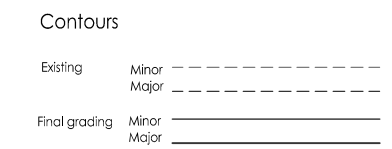
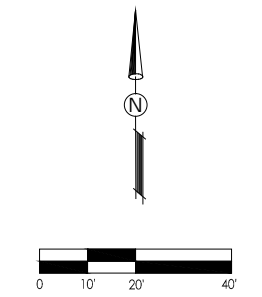
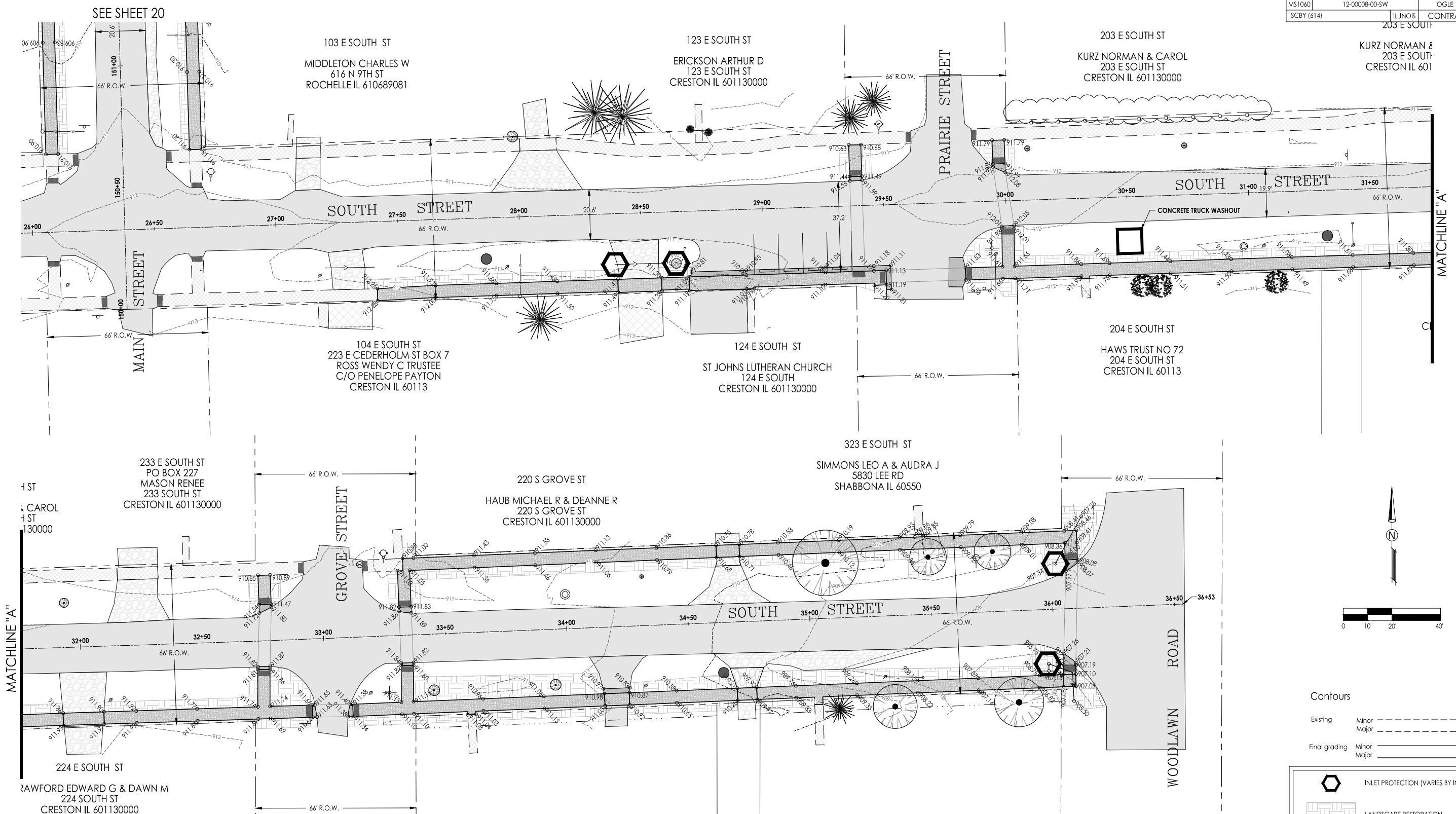
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Safe Routes to School
Segment #1 South Street
Grading & Storm Water Pollution Prevention Plan

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DATE: 7/23/2018	DATE: 7/23/2018	

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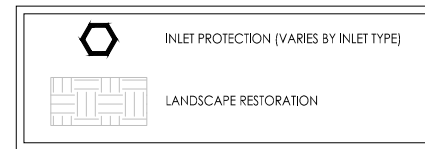
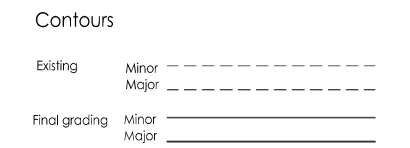
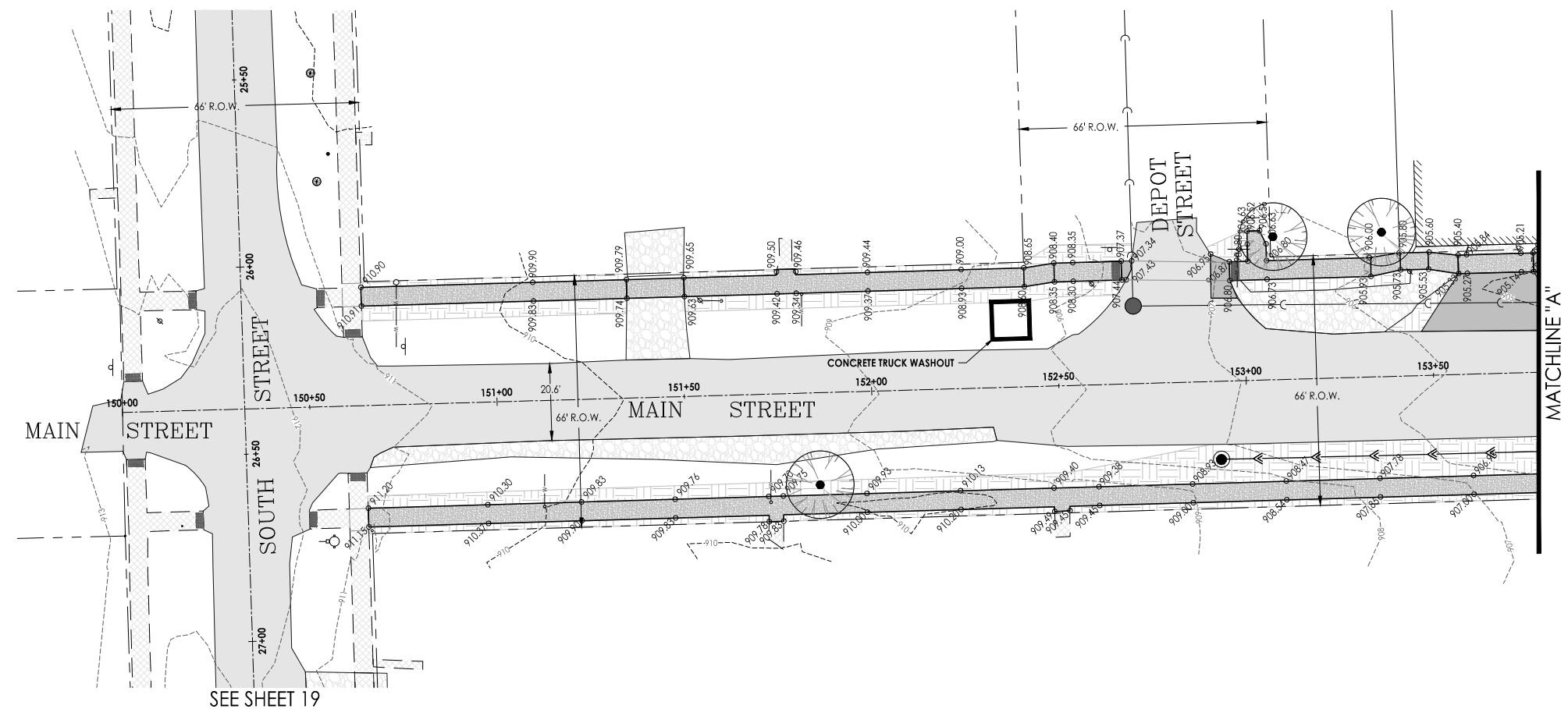
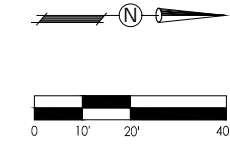
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3/15/19	REVISED PER IDOT LETTER DATED 2-15-18	JAB
5/9/19	REVISED PER IDOT LETTER DATED 3-29-19	JAB
Safe Routes to School Segment #2 & #3 South Street Grading & Storm Water Pollution Prevention Plan		
CHECKED BY: KCB	DRAWN BY: JAB	Sheet
DATE: 7/23/2018	DATE: 7/23/2018	24 of 33
3207_BASE.dwg		



SEE SHEET 19

EROSION AND SEDIMENT CONTROL NOTES:

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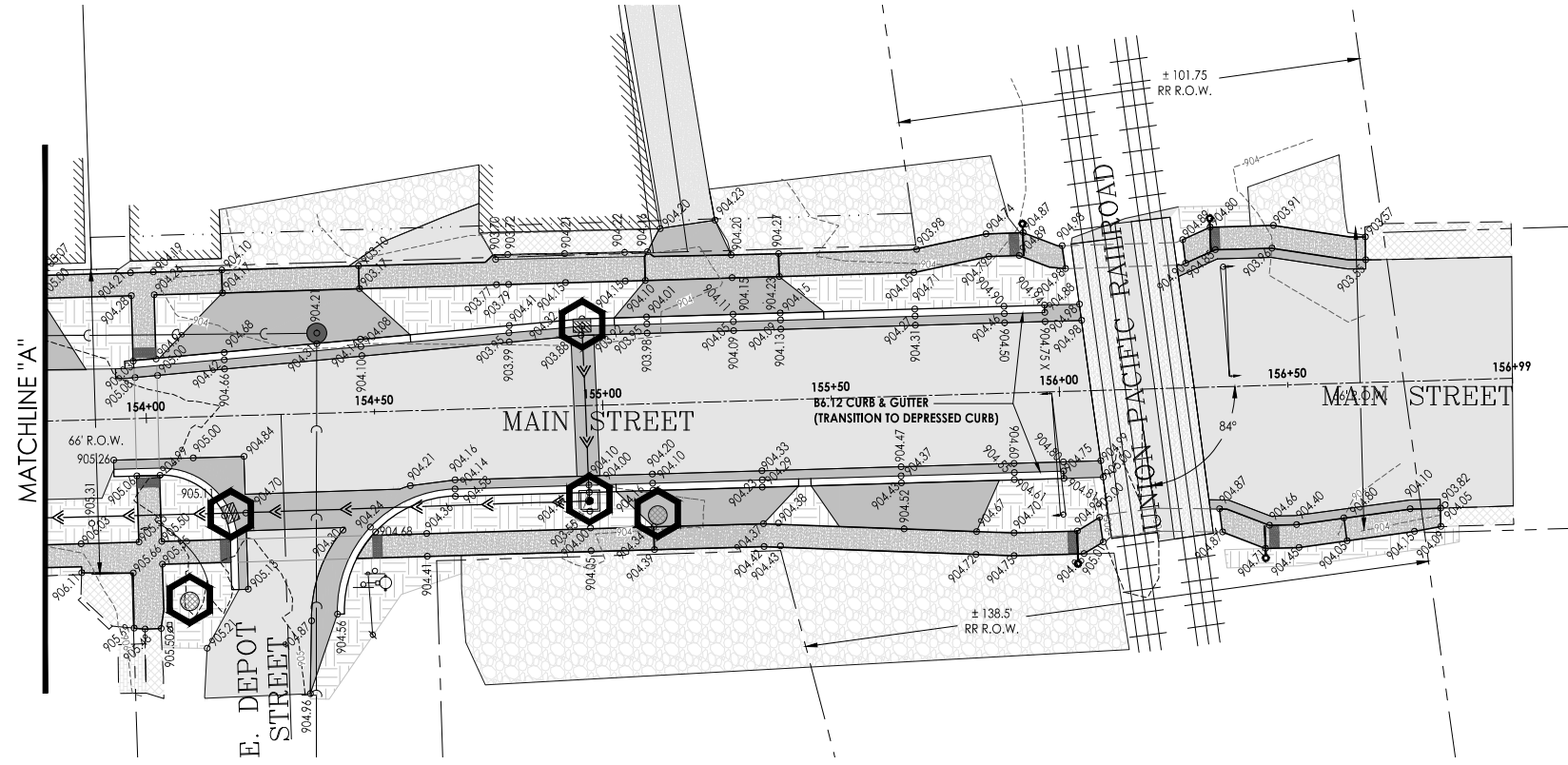
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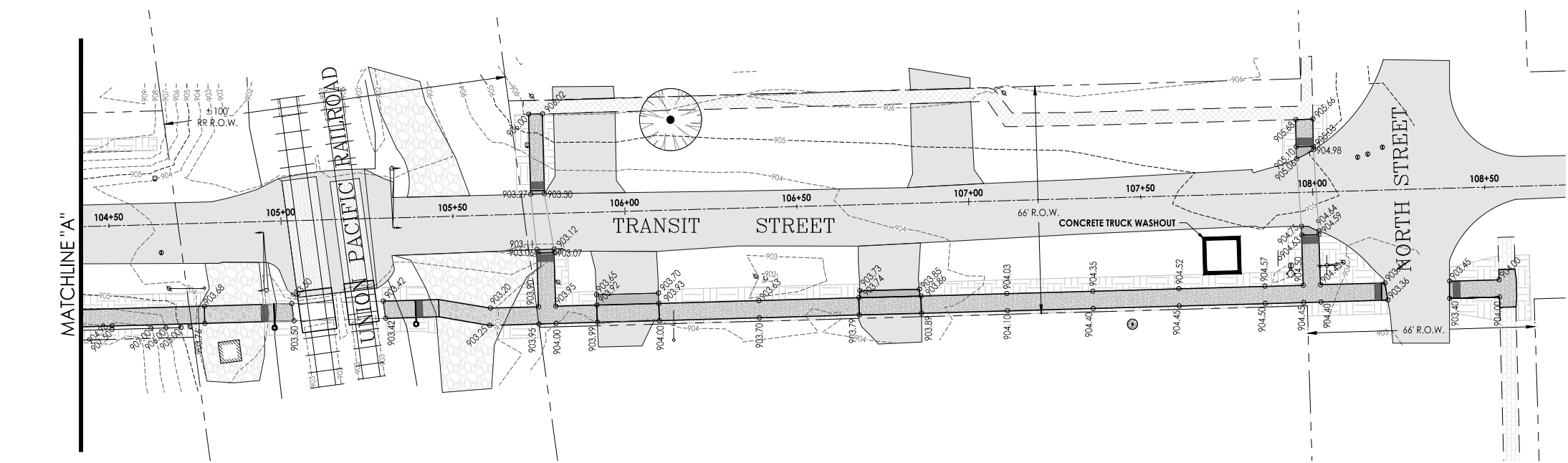
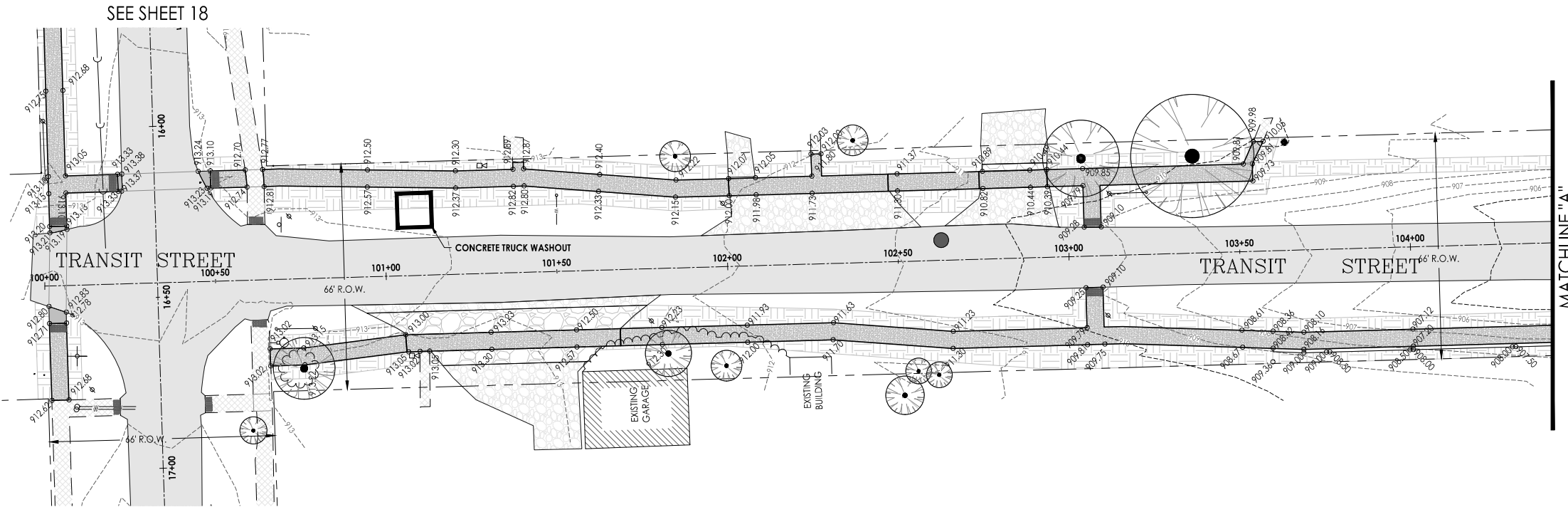
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5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
Safe Routes to School Segment #4 Main Street Grading & Storm Water Pollution Prevention Plan		
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DATE: 7/23/2018	DATE: 7/23/2018	25 of 33
3207_BASE.dwg		



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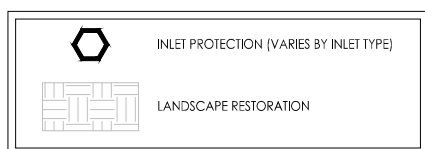
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3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
Safe Routes to School Segment #5 Transit Street Grading & Storm Water Pollution Prevention Plan		
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DATE: 7/23/2018	DATE: 7/23/2018	26 of 33
3207_BASE.dwg		

CONTROL MEASURE GROUP	CONTROL MEASURE	URBAN MANUAL CODE	STANDARD DETAIL NUMBER ILLINOIS URBAN MANUAL	APPLIED	CONTROL MEASURE DESCRIPTION	PERM.	TEMP.
SOIL STABILIZATION	CONSTRUCTION ROAD STABILIZATION	806	IL-506		THE STABILIZATION OF TEMPORARY CONSTRUCTION ACCESS ROUTES, SUBDIVISION ROADS, ON-SITE VEHICLE TRANSPORTATION ROUTES, AND CONSTRUCTION PARKING AREAS WITH STONE IMMEDIATELY AFTER GRADING.		
	EROSION BLANKET	830	IL-530	X	A PREFORMED PROTECTIVE BLANKET OF STRAW OR OTHER PLANT RESIDUE, OR PLASTIC FIBERS FORMED INTO A MAT, USUALLY WITH A PLASTIC MESH ON ONE OR BOTH SIDES.		X
	LAND GRADING	865			RESHAPING THE GROUND SURFACE TO PLANNED GRADES AS DETERMINED BY THE ENGINEERING PLANS.		
	MULCHING	875		X	THE APPLICATION OF PLANT RESIDUES AND OTHER SUITABLE MATERIALS TO THE SOIL.		X
	PERMANENT VEGETATION	880		X	ESTABLISHING PERMANENT VEGETATIVE COVER TO STABILIZE DISTURBED OR EXPOSED AREAS.	X	
	ROCK OUTLET PROTECTION	910	IL-611		A SECTION OF ROCK PROTECTION PLACED AT THE OUTLET END OF CULVERTS, CONDUITS, OR CHANNELS.		
	SODDING	925			STABILIZATION OF FINE-GRADED DISTURBED AREAS BY LAYING A CONTINUOUS COVER OF GRASS SOIL.		
	SURFACE ROUGHENING	953			A ROUGH SOIL SURFACE WITH HORIZONTAL GROOVES RUNNING ACROSS THE SLOPE ON THE CONTOUR, STAIRSTEPPING, OR TRACKING WITH CONSTRUCTION EQUIPMENT.		
RUNOFF CONTROL	TEMPORARY SEEDING	965		X	PLANTING RAPID-GROWING ANNUAL GRASSES OR SMALL GRASSES TO PROVIDE INITIAL TEMPORARY COVER FOR EROSION CONTROL ON DISTURBED AREAS.		X
	TOPSOILING	981		X	METHODS OF PRESERVING AND USING TOPSOIL TO ENHANCE FINAL SITE STABILIZATION WITH VEGETATION.	X	
	DIVERSION	815			A CHANNEL AND SUPPORTING RIDGE CONSTRUCTED ACROSS THE SLOPE TO COLLECT AND DIVERT RUNOFF.		
	DIVERSION DIKE	820			A DIKE OR DUNE & CHANNEL, CONSTRUCTED ALONG THE PERIMETER OF A DISTURBED CONSTRUCTION AREA.		
	RIGHT-OF-WAY DIVERSION	900			A RIDGE OR RIDGE AND CHANNEL CONSTRUCTED DIAGONALLY ACROSS A SLOPING ROAD OR UTILITY RIGHT-OF-WAY THAT IS SUBJECT TO FLOODING.		
	ROCK CHECK DAM - COARSE AGGREGATE	905	IL-605CA		A SMALL ROCK DAM CONSTRUCTED ACROSS A GRASSED SWALE OR ROAD DITCH.		
	ROCK CHECK DAM - RIPRAP	905	IL-605R		A SMALL ROCK DAM CONSTRUCTED ACROSS A GRASSED SWALE OR ROAD DITCH.		
	TEMPORARY DIVERSION	955	IL-655		A TEMPORARY RIDGE OR EXCAVATED CHANNEL OR COMBINATION RIDGE AND CHANNEL CONSTRUCTED ACROSS SLOPING LAND ON A PREDETERMINED GRADE.		
SEDIMENT CONTROL	TEMPORARY SLOPE DRAIN	970	IL-670		A FLEXIBLE TUBING OR RIGID CONDUIT EXTENDING TEMPORARILY FROM THE TOP TO THE BOTTOM OF A CUT OR FILL SLOPE.		
	CULVERT INLET PROTECTION - SILT FENCE	808	IL-508SF	X	A TEMPORARY SEDIMENT FILTER LOCATED AT THE INLET TO STORM SEWER CULVERTS.		X
	CULVERT INLET PROTECTION - STONE	808	IL-508ST		A TEMPORARY STONE BARRIER LOCATED AT THE INLET TO STORM SEWER CULVERTS.		
	INLET PROTECTION - BLOCK & GRAVEL	850	IL-550		A TEMPORARY SEDIMENT CONTROL BARRIER FORMED AROUND A STORM DRAIN INLET BY THE USE OF STANDARD CONCRETE BLOCKS AND GRAVEL.		
	INLET PROTECTION - EXCAVATED DRAIN	855	IL-555		AN EXCAVATED AREA IN THE APPROACH TO A STORM DRAIN DROP INLET OR CURB INLET.		
	INLET PROTECTION - FABRIC DROP	860	IL-560	X	A TEMPORARY FABRIC BARRIER PLACED AROUND A DROP INLET.		X
	INLET PROTECTION - GRAVEL & WIRE MESH	861	IL-561		A TEMPORARY SEDIMENT CONTROL BARRIER FORMED AROUND A STORM DRAIN INLET BY THE USE OF GRAVEL AND WIRE MESH.		
	INLET PROTECTION - SOD FILTER	862	IL-562		A SEDIMENT FILTER FORMED AROUND A STORM DRAIN DROP INLET BY THE USE OF SOD.		
	INLET PROTECTION - STRAW BALE BARRIER	863	IL-563		A TEMPORARY SEDIMENT CONTROL BARRIER FORMED AROUND A STORM DRAIN DROP INLET CONSISTING OF A ROW OF ENTRENCHED AND ANCHORED STRAW BALES.		
	PORTABLE SEDIMENT TANK	895	IL-595		A COMPARTMENT CONTAINER THROUGH WHICH SEDIMENT-LADEN WATER IS PUMPED TO TRAP AND RETAIN THE SEDIMENT.		
	SILT FENCE	920	IL-620		A TEMPORARY BARRIER OF ENTRENCHED GEOTEXTILE FABRIC (FILTER FABRIC) STRETCHED ACROSS AND ATTACHED TO SUPPORTING POSTS USED TO INTERCEPT SEDIMENT-LADEN RUNOFF FROM SMALL DRAINAGE AREAS OF DISTURBED SOIL.		
	STABILIZED CONSTRUCTION ENTRANCE	930	IL-630		A STABILIZED PAD OF AGGREGATE UNDERLAIN WITH FILTER FABRIC LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK, OR PARKING AREA.		
	STRAW BALE BARRIER PLAN	935	IL-635		A TEMPORARY BARRIER CONSISTING OF A ROW OF ENTRENCHED AND ANCHORED STRAW BALES OR SWAMP MATERIAL USED TO INTERCEPT SEDIMENT-LADEN RUNOFF FROM SMALL DRAINAGE AREAS OF DISTURBED SOIL.		
	SUMP PIT PLAN	950	IL-650		A TEMPORARY PIT WHICH IS CONSTRUCTED TO TRAP AND FILTER WATER FOR PUMPING INTO A SUITABLE DISCHARGE AREA.		
	TEMPORARY SEDIMENT TRAP	960	IL-660		A SMALL, TEMPORARY PONDING BASIN FORMED BY CONSTRUCTION OF AN EMBANKMENT OR EXCAVATED BASIN.		
MISC.	DUST CONTROL	825		X	CONTROL OF DUST BLOWING AND MOVEMENT OF CONSTRUCTION SITES AND ROADS.		X
	TEMPORARY STREAM CROSSING (WETLAND CONSULTANT TO PROVIDE DETAIL)	975	IL-675		A BRIDGE, FORD, OR TEMPORARY STRUCTURE INSTALLED ACROSS A STREAM OR WATERCOURSE FOR SHORT-TERM USE BY CONSTRUCTION VEHICLES OR HEAVY EQUIPMENT.		
STORMWATER MANAGEMENT	FILTER STRIP - GRASSED	835			A CREATED OR PRESERVED AREA OF VEGETATION DESIGNED TO REMOVE SEDIMENT AND OTHER POLLUTANTS AND TO ENHANCE THE INFILTRATION OF SURFACE WATER RUNOFF.		
	GRASSED-LINED CHANNEL	840			A NATURAL OR CONSTRUCTED CHANNEL THAT IS SHAPED OR GRADED TO REQUIRED DIMENSIONS AND ESTABLISHED WITH SUITABLE VEGETATION FOR STABLE CONVEYANCE OF RUNOFF.		
	INFILTRATION TRENCH	847	IL-547		AN EXCAVATED TRENCH FILLED WITH COARSE GRANULAR MATERIAL IN WHICH STORMWATER RUNOFF IS COLLECTED FOR TEMPORARY STORAGE AND INFILTRATION.		
	LEVEL SPREADER	870	IL-570		A DEVICE USED TO DISPERSE CONCENTRATED RUNOFF UNIFORMLY OVER THE GROUND SURFACE AS SHEET FLOW.		
	PERMEABLE PAVEMENT	890			A PAVEMENT CONSISTING OF STRUCTURAL MATERIALS HAVING REGULARLY INTERSPERSED VOID AREAS. THE VOIDS ARE FILLED WITH PERVIOUS MATERIALS, SUCH AS VEGETATED SOIL, GRAVEL, OR SAND.		
	SUBSURFACE DRAIN	945			A CONDUIT INSTALLED BENEATH THE GROUND SURFACE TO COLLECT AND/OR CONVEY DRAINAGE WATER.		
	URBAN STORMWATER WETLAND	800			A CONSTRUCTED SYSTEM OF SHALLOW POOLS THAT CREATES GROWING CONDITIONS SUITABLE FOR EMERGENT AND RIPARIAN WETLAND PLANTS EXPLICITLY DESIGNED TO LESSEN THE IMPACTS OF STORMWATER QUALITY IN URBAN AREAS.		
	IMPOUNDMENT STRUCTURE - FULL FLOW	841			A DAM OR EXCAVATION WHICH CREATES AN IMPOUNDMENT TO COLLECT AND STORE DEBRIS, SEDIMENT, OR WATER.		
IMPOUNDMENT STRUCTURE - ROUTED	842			A DAM OR EXCAVATION WHICH CREATES AN IMPOUNDMENT TO COLLECT AND STORE DEBRIS, SEDIMENT, OR WATER.			
SPECIAL AREA PROTECTION	TURF REINFORCEMENT MAT		SEE DETAILS		THE STABILIZATION AND PROTECTION OF ERODING SLOPES WITH TURF REINFORCEMENT MAT AND VEGETATION.		
	VEGETATIVE STREAMBANK STABILIZATION	995	IL-696		THE STABILIZATION AND PROTECTION OF ERODING STREAMBANKS WITH SELECTED VEGETATION.		
	WELL DECOMMISSIONING	996			THE SEALING AND PERMANENT CLOSURE OF A WATER WELL, BORING, OR MONITORING WELL.		
	TREE & FOREST ECOSYSTEM PRESERVATION	984			THE PRESERVATION OF CONTIGUOUS STANDS OF TREES FROM DAMAGING DURING CONSTRUCTION.		
	TREE & SHRUB PLANTING	985	IL-685 IL-689		PLANTING OF SELECTED TREES AND SHRUBS.		
OTHER	TREE PROTECTION - FENCING	990	IL-690		THE PROTECTION OF INDIVIDUAL TREES FROM DAMAGE DURING CONSTRUCTION.		
	TREE PROTECTION - AUGURING	991			UNDERGROUND CONSTRUCTION SUCH AS UTILITY WORK BY AUGURING THROUGH AN INDIVIDUAL TREE'S CRITICAL ROOT ZONE.		
OTHER	TEMPORARY EROSION CONTROL SYSTEM		IDOT STANDARD 280001-07 PAGES 1-2	X	SILT FENCE INSTALLATION, DITCH CHECKS, INLET PROTECTION, SEDIMENT BASIN, AND TEMPORARY DITCHES FOR CUT/FILL SECTIONS.		X

OWNER'S POLLUTION PREVENTION PLAN CERTIFICATION
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: _____
Title / Position: _____
Date: _____

CONTRACTOR'S CERTIFICATION
I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature
X _____ For
(Type Name & Title) TBD
General Contractor

X _____ Temporary and Permanent
(Type Name & Title) TBD
Stabilization

EXECUTIVE SUMMARY
The general contractor, and all subcontractors involved with a construction activity that disturbs site soil or who implement a pollutant control measure identified in the Storm Water Pollution Prevention Plan (SWPPP) must comply with the following requirements of the National Pollutant Discharge Elimination System (NPDES) General Permit as well as any requirements of local governing agencies having jurisdiction concerning erosion and sedimentation control.

- A. List the notification requirements of the permit. List names and addresses of the governing agencies requiring notification before earthwork can begin and what the minimum notification time is. (* Indicated any requirements for a pre-construction meeting).
- "Village of Creston
ATTN: Curt Ward
110 North Main Street
Creston, IL 60113
 - "C.E.S. Inc.
ATTN: Kevin Bunge
700 W. Locust St.
Belvidere, IL 61008
- Min. Notification Time: 48 Hours

- A copy of the Notice of Intent (NOI) and a description of the project must be posted in a prominent place for public viewing at the construction site.
- B. Complete copy of the SWPPP, including copies of all inspection reports, plan revisions, etc., must be retained at the project site at all times during working hours and kept in the permanent project records for at least three years following submission of the Notice of Termination (NOT).
- C. The general contractor must provide names and address of all subcontractors working on this project who will be involved with the major construction activities that disturb site soil. That information must be kept with the SWPPP.
- D. The general contractor and all subcontractors involved with the major construction activities that disturb site soils must sign a copy of the appropriate certification statement included in this document.
- E. As described previously, regular inspections must be made to determine effectiveness of the SWPPP. The SWPPP must be modified as needed to prevent pollutants from discharging from the site. The inspector must be a person familiar with the site, the nature of the major construction activities, and qualified to evaluate both overall system performance and individual component performance. Additionally, the inspector must either be someone empowered to implement modifications to this SWPPP and the pollutant control devices, if needed, in order to increase effectiveness to an acceptable level, or someone with the authority to cause such things to happen.
- F. This SWPPP must be updated each time there are significant modifications to the pollutant prevention system or a change of contractors working on the project who disturbs site soil. The general contractor must notify the governing review agency as soon as these modifications are implemented.
- G. Discharge of oil or other hazardous substances into the storm water is subject to reporting and cleanup requirements. Refer to Part III, B of the NPDES General Permit for additional information. Copies of the NPDES General Permit and the Notice of Intent forms are available by calling 815-547-8435 or online at "http://www.epa.state.il.us/water/permits/storm-water/general-construction-permit.pdf." and "http://www.epa.state.il.us/water/permits/storm-water/forms/notice-intent-construction.pdf."
- H. Once the site reaches final stabilization, the general contractor must complete and submit a Notice of Termination (NOT). A blank form can be found at "http://www.epa.state.il.us/water/permits/storm-water/forms/notice-termination-construction.pdf"
- I. This SWPPP intends to control water-borne and liquid pollutant discharges by some continuation of interception, filtration, and containment. The general contractor and subcontractors implementing this SWPPP must remain alert to the need to periodically refine and update the SWPPP in order to accomplish the intended goals.
- J. This SWPPP must be amended as necessary during the course of construction in order to keep it current with the pollutant control measures utilized at the site. Amending the SWPPP does not mean that it has to be reprinted. It is acceptable to add addenda, sketches, new sections, and/or drawings.
- K. A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated must be maintained until the NOT is filed. A log for keeping such records can be found online at "http://www.epa.gov/npdes/pubs/sw_swppp_inspection_form.doc". A different form for the log may be substituted if it is found to be more useful.

INTRODUCTION
This SWPPP has been prepared for major activities associated with the construction of sidewalk with ramps and detectable warnings along South Street, Transit Street and Main Street. This SWPPP includes the elements necessary to comply with the national baseline general permit for construction activities administered by the U.S. Environmental Protection Agency (USEPA) under the National Pollutant Discharge Elimination System (NPDES) program and all local governing agency requirements. This SWPPP must be actuated and on-site before construction begins.

Construction phase pollutant sources anticipated at the site are disturbed (bare) soil, vehicle fuels and lubricants, chemicals associated with building construction, and building materials. Without adequate control there is the potential for each type of pollutant to be transported by storm water.

Project construction will consist of the grading required to construct sidewalk with ramps and detectable warnings along South Street, Transit Street and Main Street.

- A. Purpose**
A major goal of pollution prevention efforts during project construction is to control soil and pollutants that originate on the site and prevent them from flowing to surface waters. The purpose of this SWPPP is to provide guidelines for achieving that goal. A successful pollution prevention program also relies upon careful inspection and adjustments during the construction process in order to enhance its effectiveness.
- B. Scope**
This SWPPP must be actuated and on-site when construction begins. It primarily addresses the impact of storm rainfall and runoff areas of the ground surface disturbed during the construction process. In addition, there are recommendations to controlling other sources of pollution that could accompany the major construction activities. This SWPPP will terminate when disturbed areas are stabilized, construction activities covered herein have ceased, and a completed Notice of Termination (NOT) is mailed to the governing agency requiring the NOT. Particular forms can be found at the following web addresses: "http://www.epa.state.il.us/water/permits/storm-water/general-construction-permit.pdf", "http://www.epa.gov/npdes/pubs/sw_swppp_inspection_form.doc", and "http://www.epa.state.il.us/water/permits/storm-water/forms/notice-termination-construction.pdf" for implementing this SWPPP.

The National Baseline General Permit for Storm Water Discharges From Construction Activities prohibits most non-storm water discharges during the construction phase. Allowable non-storm water discharges that could occur during construction on this project, which would therefore be covered by the General Permit, include:

- Discharges from the fire fighting activities.
- Fire hydrant flushing.
- Water used to wash vehicles or control dust.
- Water flowing from potable sources and water line flushing.
- Irrigation drainage.
- External building wash down which does not use detergents.
- Runoff from pavement wash down where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents have not been used.
- Air conditioning condensate.
- Springs and uncontaminated groundwater.
- Foundation or footing drains where flows are not contaminated with process materials such as solvents.

The techniques described in this SWPPP focus on providing control of pollutant discharges with practical approaches that utilize readily available expertise, materials, and equipment.

The owner referred to in this SWPPP is the Village of Creston. The general contractor will construct the site development improvements while working under contract with the owner.

SITE DESCRIPTION:

1. PROJECT NAME: SAFE ROUTES TO SCHOOL (SRTS); CONTRACT 85675

2. LOCATION, COUNTY: OGLE

3. LOCATION, CITY: CRESTON

4. LOCATION, ADDRESS: SOUTH STREET

5. LOCATION, LAT/LONG: 41°-55'-43", 88°-57'-57"

6. OWNER(S) NAME(S): VILLAGE OF CRESTON

7. OWNER(S) ADDRESS: 110 NORTH MAIN STREET, CRESTON, IL 60113

8. PROJECT DESCRIPTION: THE CONSTRUCTION OF SIDEWALK WITH RAMPS AND DETECTABLE WARNINGS ALONG SOUTH STREET, MAIN STREET & TRANSIT STREET.

9. RUNOFF COEFFICIENT: 0.56 (EXISTING CONDITIONS); 0.56 (FOR FINAL DEVELOPMENT)

10. PROMINENT SOIL TYPES: 145B SAYBROOK, 152 DRUMMER - EROSION POTENTIAL MODERATE

11. SITE AREA: ±1.50 ACRES

12. NAME OF RECEIVING WATERS: UNNAMED TRIBUTARY TO THE KILBUCK CREEK

13. SURFACE WATERS ON THE SITE: NONE

14. LOCATION DRAWINGS: THE "GRADING & STORM WATER POLLUTION PREVENTION PLAN" DRAWINGS CONTAIN THE NECESSARY INFORMATION TO SATISFY THE SWPPP LOCATIONS & CONTROLS DRAWING REQUIREMENTS.

GRADING & STORM WATER POLLUTION PREVENTION PLAN- SHEETS 18 - 21 - 7/23/18

SWPPP DOCUMENT - SHEET 22 OF 27 - 7/23/18

AS PREPARED BY C.E.S. INC.

GOVERNING AGENCIES:
Illinois Environmental Protection Agency (IEPA):

The US EPA governs the Clean Water Act and has granted the State of Illinois EPA control of administering a state-wide National Pollutant Discharge Elimination System (NPDES) Program for Construction & Industrial Activities. General NPDES Permit Number ILR10 for Construction Activities in Illinois was updated on 8/3/18 and expires on 7/31/23. To be approved to use this permit, the owner must submit an IEPA "Notice of Intent (NOI)" Form for Construction Activities, and wait 30-days from the date of the postmark before disturbing the ground at the construction site, unless otherwise notified by the IEPA for additional permit requirements. In addition, some local governments have SWPPP requirements and may also require submittal of the signed NOI Form. The NOI, the General Permit No. ILR10, the SWPPP, and any local required documents must be available at the job site. Upon the completion of construction, a "Notice of Termination (NOT)" Form must also be filed with the same agencies.

Local Plans: In addition to this SWPPP, construction activities associated with the project must comply with any guidelines set forth by local regulatory agencies.

Local Municipality: Village of Creston

Storm Water Ordinance: Per Village of Creston requirements.



700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: Tuesday, May 07, 2019

Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB

Checked By: KCB DATE: 7/23/2018
Drawn By: JAB DATE: 7/23/2018

Sheet 27 of 33
3207_BASE.dwg

F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00008-00-SW	OGLE	33	28
SCBY (614)		ILLINOIS	CONTRACT NO.	85675

SEQUENCE & TIMING OF MAJOR ACTIVITIES:

Described below are the major construction activities that are the subject of this SWPPP. The actual schedule for implementing pollutant control measures will be determined by project construction progress.

Sequence:

	Activity Description	Completion Date (Initials/Date)
1.	Install Silt Fence and Inlet protection per the SWPPP Drawings.	
2.	Construct & grub improvement areas.	
3.	Begin grading of surface.	
4.	Install underground utilities, proposed sidewalks and paving.	
5.	Final Grading: Sediment barriers will be maintained downstream from disturbed soil during this operation.	
6.	All Soil Disturbing Activities are Completed	
7.	Topsoil / Seeding Stabilized to 70% Density	
8.	Remove Erosion Control Devices	
9.	Submit Notice of Termination (NOT) Form	

Timing:

Areas where construction activities temporarily ceases for more than 14-days will be stabilized with a temporary seed and mulch within 14-days of the last disturbance. Once construction activity ceases permanently in an area, that area will be stabilized with permanent seed and mulch. After the entire site is stabilized, the accumulated sediment will be removed and temporary structural controls will be removed.

EROSION AND SEDIMENT CONTROLS

Stabilization Practices:

Temporary Stabilization: Top soil stock piles and disturbed portions of the site where construction activity temporarily ceases for at least 14-days will be stabilized with temporary seed and mulch no later than 14 days from the last construction activities in that area. The temporary seed shall be Rye (grain) applied at the rate of 120 pounds per acre. Prior to seeding, 2,000 pounds of ground agricultural limestone and 1,000 pounds of 10-10-10 fertilizer shall be applied to each acre to be stabilized. After seeding, each area shall be mulched with 4,000 pounds per acre of straw. The straw mulch is to be tacked into place by a disk with blades set nearly straight.

Permanent Stabilization: Disturbed portions of the site where construction activities permanently ceases shall be stabilized with permanent seed no later than 14-days after the last construction activity. The permanent seed mix shall consist of 80 lbs/acre tall fescue, and 40 lbs/acres kobe lespedeza. Prior to seeding, 4,000 pounds of ground agricultural limestone and 2,000 pounds of 10-10-10 fertilizer shall be applied to each acre to be stabilized. After seeding, each area shall be mulched with 4,000 pounds per acre of straw. The straw mulch is to be tacked into place by a disk with blades set nearly straight.

Structural Practices:

See table at the far left side of this page.

Storm Water Management:

Undeveloped Areas: The areas which are not permanently developed will be graded at less than 0.5:1 and have permanent seeding or plantings.

Permanently Developed Areas: Storm water drainage will be provided by ditches, storm sewer, and catch basins for the developed areas. When construction is complete, the entire site will drain to existing storm sewers.

OTHER POLLUTANT CONTROLS

Dust Control:

Construction traffic must enter and exit the site at the stabilized construction entrance. The purpose is to trap dust and mud that would otherwise be carried off site by construction traffic. Water trucks will be used as needed during construction to reduce dust generated on the site. Dust control must be provided by the general contractor to a degree that is acceptable to the Village of Creston and in compliance with applicable local and state dust control regulations. After construction, the site will be stabilized (as described elsewhere) which will reduce the potential for dust generation.

Waste Disposal:

Waste Materials:

No solid materials, including building materials, are allowed to be discharged from the site with storm water. All solid waste, including disposable materials incidental to the major construction activities, must be collected and stored in a securely lidded container. The containers will be emptied periodically by a contract trash disposal service and hauled away from the site. Substances that have the potential for polluting surface and/or groundwater must be controlled by whatever means necessary in order to ensure that they do not discharge from the site. As an example, special care must be exercised during equipment fueling and servicing operations. If a spill occurs, it must be contained and disposed so that it will not flow from the site or enter groundwater, even if this requires removal, treatment, and disposal of soil. In this regard, potentially polluting substances should be handled in a manner consistent with the impact they represent.

Hazardous Waste:

While no hazardous waste is expected on this project, any/all hazardous waste materials will be disposed of in the manner specified by local or State regulation or by the manufacturer. Site personnel will be instructed in these practices, and the individual who manages the day-to-day site operations will be responsible for seeing that these practices are followed.

Sanitary Waste:

All personnel involved with construction activities must comply with state and local sanitary or septic system regulations. Temporary sanitary facilities will be provided at the site throughout the construction phase. They must be utilized by all construction personnel and will be serviced by a commercial operator.

Offsite Vehicle Tracking:

Construction Traffic:

A temporary construction entrance and a stabilized construction entrance shall be provided to help reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be swept daily to remove excess mud, dirt, or rock tracked from the site. Dump trucks hauling material from the site will be covered with a tarp.

CONSTRUCTION PHASE "BEST MANAGEMENT PRACTICES"

During the construction phase the general contractor will implement the following measures:

- Material resulting from clearing, excavation, grading, etc. operations will be stockpiled up slope from adequate sedimentation controls.
- The general contractor will designate areas for equipment cleaning, maintenance, and repair. The general contractor and subcontractors will utilize those areas. The areas will be protected by a temporary perimeter berm.
- Use of detergents for large scale washing is prohibited (i.e., vehicles, buildings, pavement surfaces, etc.).
- Chemicals, paints, solvents, fertilizers, and other toxic materials must be stored in waterproof containers. Except during application, the contents must be kept in trucks or within storage facilities. Runoff containing such material must be collected, removed from the site, treated, and disposed at an approved solid waste or chemical disposal facility.

CERTIFICATION OF COMPLIANCE

This SWPPP reflects the requirements for storm water management and erosion and sediment control, as established in the Village of Creston and IEPA Requirements in General NPDES Permit No. ILR10. To ensure compliance, this plan was prepared in accordance "Illinois Urban Manual", latest edition. There are no other applicable requirements for sediment and erosion site plans (or permits) or storm water management site plans (or permits).

MAINTENANCE / INSPECTION PROCEDURES

Between the time this SWPPP is actuated and final site stabilization is achieved, all disturbed areas and pollutant controls must be inspected at least once every seven calendar days and within 24 hours following a rainfall of 0.5 inches or greater. The purpose of site inspections is to assess performance of pollutant controls. The inspections will be conducted by the general contractor's designated representative. Based on these inspections, the general contractor will decide whether it is necessary to modify this SWPPP, add or relocate sediment barriers, or whatever else may be needed in order to prevent pollutants from leaving the site via storm water runoff. The general contractor has the duty to cause pollutant control measures to be repaired, modified, maintained, supplemented, etc. in order to achieve effective pollutant control.

Examples of particular items to evaluate during site inspections are listed below. This list is not intended to be all-inclusive. During each inspection the inspector must evaluate overall pollutant control system performance as well as particular details of individual system components. Additional factors should be considered as appropriate to the circumstances.

- Locations where vehicles enter and exit the site must be inspected for evidence of off site sediment tracking. A stabilized construction entrance will be constructed where vehicles enter and exit. This entrance will be maintained or supplemented as necessary to prevent sediment from leaving the site on vehicles.
- Sediment barriers must be inspected and, if necessary, they must be enlarged or cleaned in order to provide additional capacity. All material excavated from behind sediment barriers will be stockpiled on the up slope side. Additional sediment barriers must be constructed as needed.
- Inspections will evaluate disturbed areas and areas used for storing materials that are exposed to rainfall for evidence of, or the potential for, pollutants entering the drainage system. If necessary, the materials must be covered or original covers must be repaired or supplemented. Also, protective berms must be constructed, if needed, in order to contain runoff from material storage areas.
- Grassed areas will be inspected to confirm that a healthy stand of grass is maintained. The site has achieved final stabilization once all areas are covered with building foundation or pavement, or have a stand of grass with at least 70 percent density. The density of 70 percent or greater must be maintained to be considered stabilized. Areas must be watered, fertilized, and reseeded as needed to achieve the goal.
- All discharge points must be inspected to determine whether erosion control measures are effective in preventing significant impacts to receiving waters.

Based on inspection results, any modification necessary to increase effectiveness of this SWPPP to an acceptable level must be made within seven calendar days of the inspection. The inspection reports must be completed entirely and additional remarks should be included if needed to fully describe a situation. An import aspect of the inspection report is the description of additional measures that need to be taken to enhance plan effectiveness. The inspection report must identify whether the site was in compliance with the SWPPP at the time of inspection and specifically identify all incidents of non-compliance. The form for incidents of non-compliance can be found at the following web address: <http://www.epa.state.il.us/water/permits/storm-water/forms/incidence-non-compliance-construction.pdf>

Inspection reports must be kept on file by the general contractor as an integral part of this SWPPP for at least three years from the date of completion of the project.

Ultimately, it is the responsibility of the general contractor to assure the adequacy of site pollutant discharge controls. Actual physical site conditions or contractor practices could make it necessary to install more structural controls than are shown on the plans. For example, localized concentrations of runoff could make it necessary to install additional sediment control barriers. Assessing the need for additional controls and implementing them or adjusting existing controls will be a continuing aspect of this SWPPP until the site achieves final stabilization.

Erosion and Sediment Control Inspection and Maintenance Practices

These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls:

- Only relevant portions of the site will be excavated on an as-needed basis.
 - All control measures will be inspected at least once each week and within 24-hours following any storm event of 0.5 inches or greater.
 - All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report.
 - Built-up sediment will be removed from silt fence when it has reached one-third the height of the fence.
 - Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
 - Diversion dike will be inspected and any breaches promptly repaired.
 - Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
 - A maintenance inspection report will be made after each inspection. A report can be found at: http://www.epa.gov/npdes/pubs/sw_swppp_inspection_form.doc. A different form for the log may be substituted if it is found to be more useful.
 - The Contractor will select two individuals who will be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report.

Non-Storm Water Discharges

It is expected that the following non-storm water discharges will occur from the site during the construction period:

- Water from water line flushings.
- Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).
- Uncontaminated groundwater (from dewatering excavation).

All non-storm water discharges will be directed to the sediment basin prior to discharge.

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- Concrete
- Fertilizers
- Detergents
- Petroleum Based Products
- Paints (enamel and latex)
- Cleaning Solvents
- Pre-cast Concrete Structures
- Wood

SPILL PREVENTION

Material Management Practices

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

Good Housekeeping

The following good housekeeping practices will be followed onsite during the construction project:

- An effort will be made to store only enough product required to do the job
- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure
- Products will be kept in their original containers with the original manufacturer's label
- Substances will not be mixed with one another unless recommended by the manufacturer
- Whenever possible, all of a product will be used up before disposing of the container
- Manufacturers' recommendations for proper use and disposal will be followed
- The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.

Hazardous Products

These practices are used to reduce the risks associated with hazardous materials:

- Products will be kept in original containers unless they are not re-sealable.
- Original labels and material safety data will be retained; they contain important product information.
- If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed.

Product-Specific Practices

The following product specific practices will be followed on-site:

Petroleum, Products

All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendations.

Fertilizers

Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

Paints

All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system but will be properly disposed of according to manufacturers' instructions or State and local regulations.

Concrete Trucks

Concrete trucks will be allowed to perform on-site washouts in a designated washout area. The washout area shall be located at least 50 feet from storm drains, open ditches, or water bodies unless determined unfeasible by the Engineer. Do not allow runoff from this area by constructing a temporary pit or bermed area large enough to contain in both liquid and solid waste. Wash out wastes into the temporary pit where the concrete can set, be broken up, and then disposed of properly. Discuss this best management practice with the concrete supplier before any deliveries are made.

Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size.
- The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
- The person responsible for the day-to-day site operations, will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the office trailer onsite.

MAINTAIN RECORDS OF CONSTRUCTION ACTIVITIES

In addition to the inspection and maintenance reports, the operator should keep records of the construction activity on the site. In particular, the operator should keep a record of the following information:

- The dates when major grading activities occur in a particular area.
- The dates when construction activities cease in an area, temporarily or permanently.
- The dates when an area is stabilized, temporarily or permanently.

UPDATE / CHANGE THE PLAN

For a construction activity to be in full compliance with its NPDES storm water permit, and for the Storm Water Pollution Prevention Plan to be effective, the plan must accurately reflect site features and operations. When it does not, the plan must be changed. The plan must also be changed if the operator observes that it is not effective in minimizing pollutant discharge from the site. If at any time during the effective period of the permit, the permitting authority finds that the plan does not meet one or more of the minimum standards established by the General Permit, the permitting authority will notify the permittee of required changes necessary to bring the plan up to standard.

REPORT RELEASES OF REPORTABLE QUANTITIES

Because construction activities may handle certain hazardous substances over the course of the project, spills of these substances in amounts that equal or exceed Reportable Quantity (RQ) level are a possibility. EPA has issued regulations that define what reportable quantity levels are for oil and hazardous substances. These regulations are found in the Code of Federal Regulations at 40 CFR Part 110, 40 CFR Part 117, 40 CFR Part 302. If there is a RQ release during the construction period, then you must take the following steps:

- Notify the National Response Center immediately at (800)-424-8802.
- Within 14-days, submit a written description of the release to the EPA Regional Office providing the date and circumstances of the release and the steps to be taken to prevent another release.
- Modify the pollution prevention plan to include the information listed above.

REPORT INCIDENCE OF NONCOMPLIANCE (ION)

Should the requirements of the General NPDES Permit fail to be implemented or if controls from the SWPPP fail, the incidence of Noncompliance (ION) report should be filed. This form is located on the web at:

<http://www.epa.state.il.us/water/permits/storm-water/forms/incidence-non-compliance-construction.pdf>.

NOTICE OF TERMINATION (NOT)

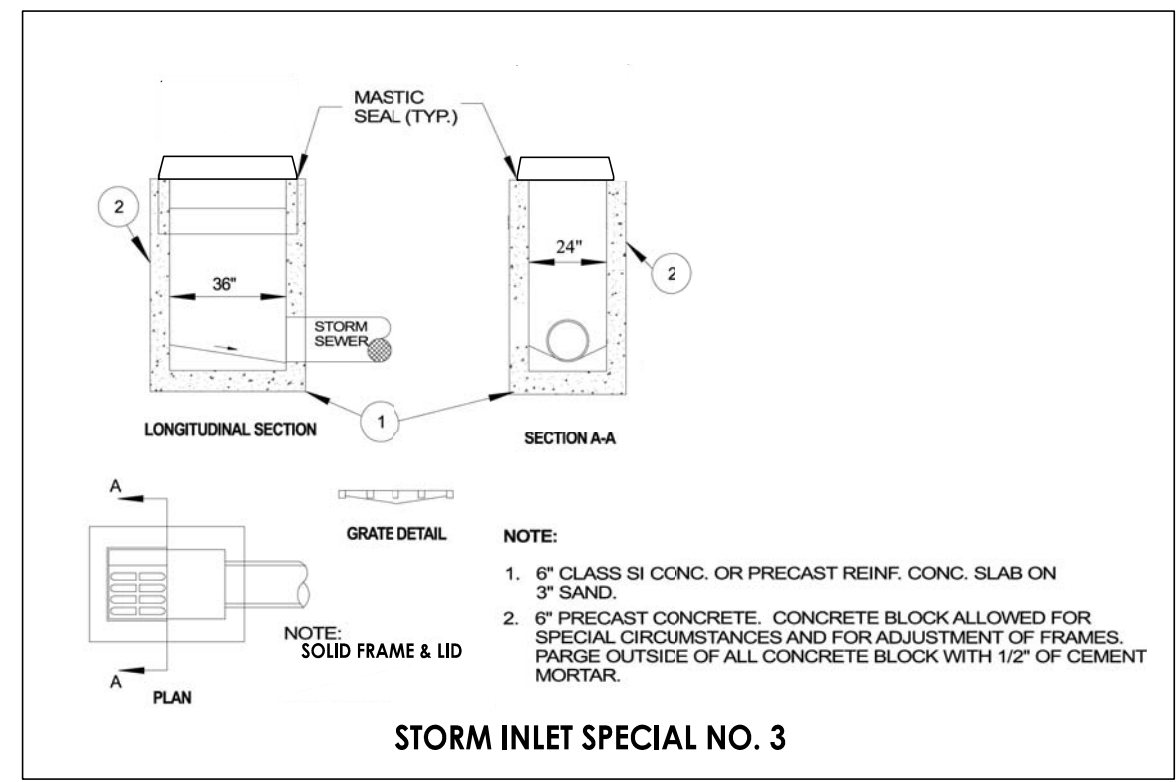
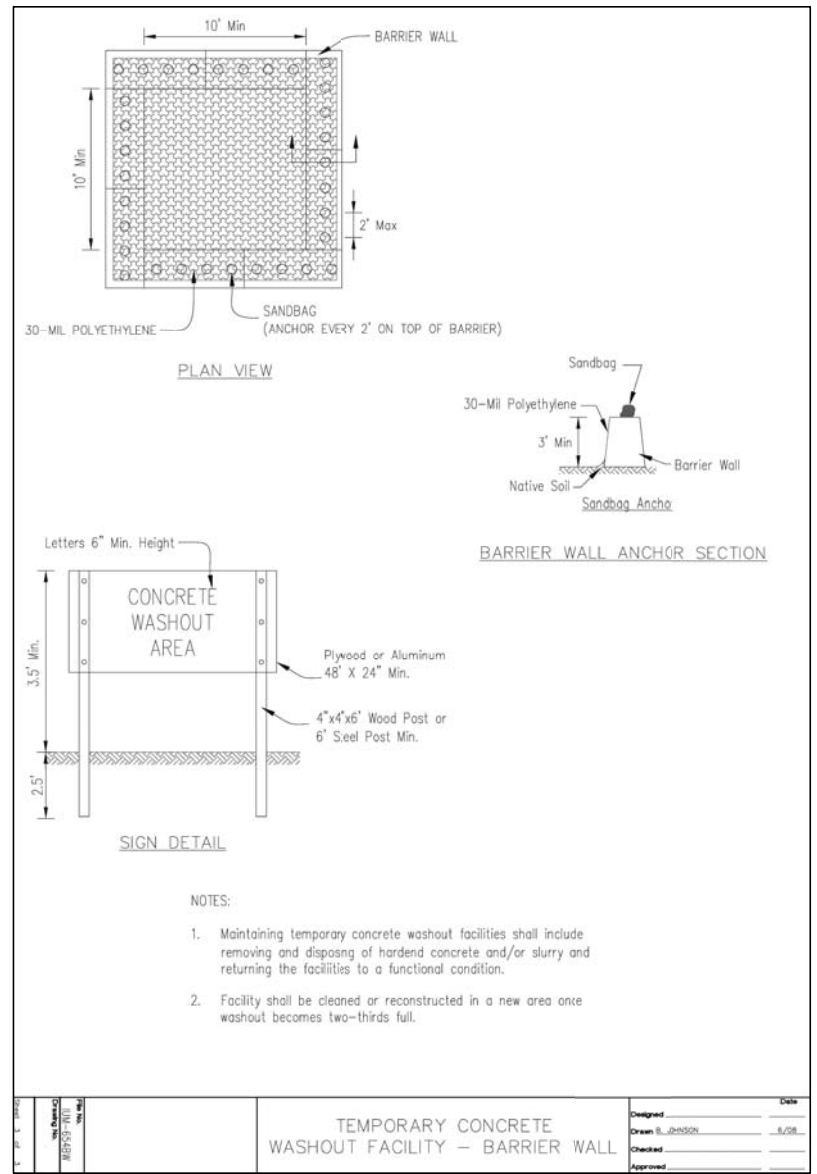
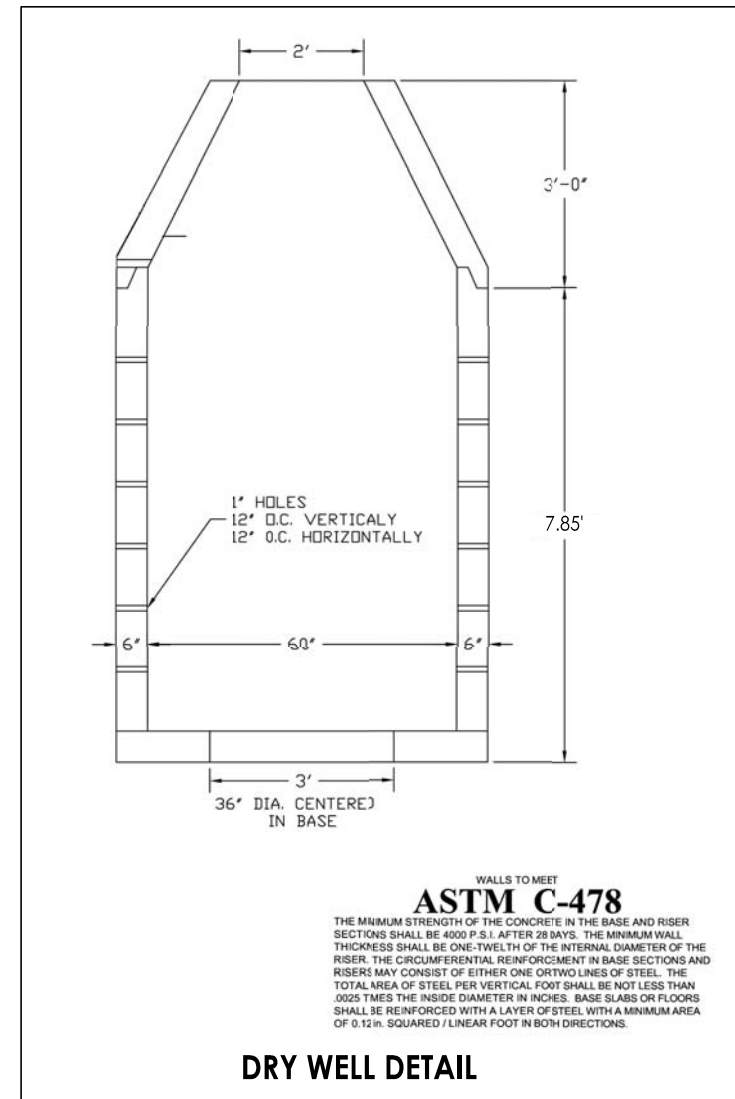
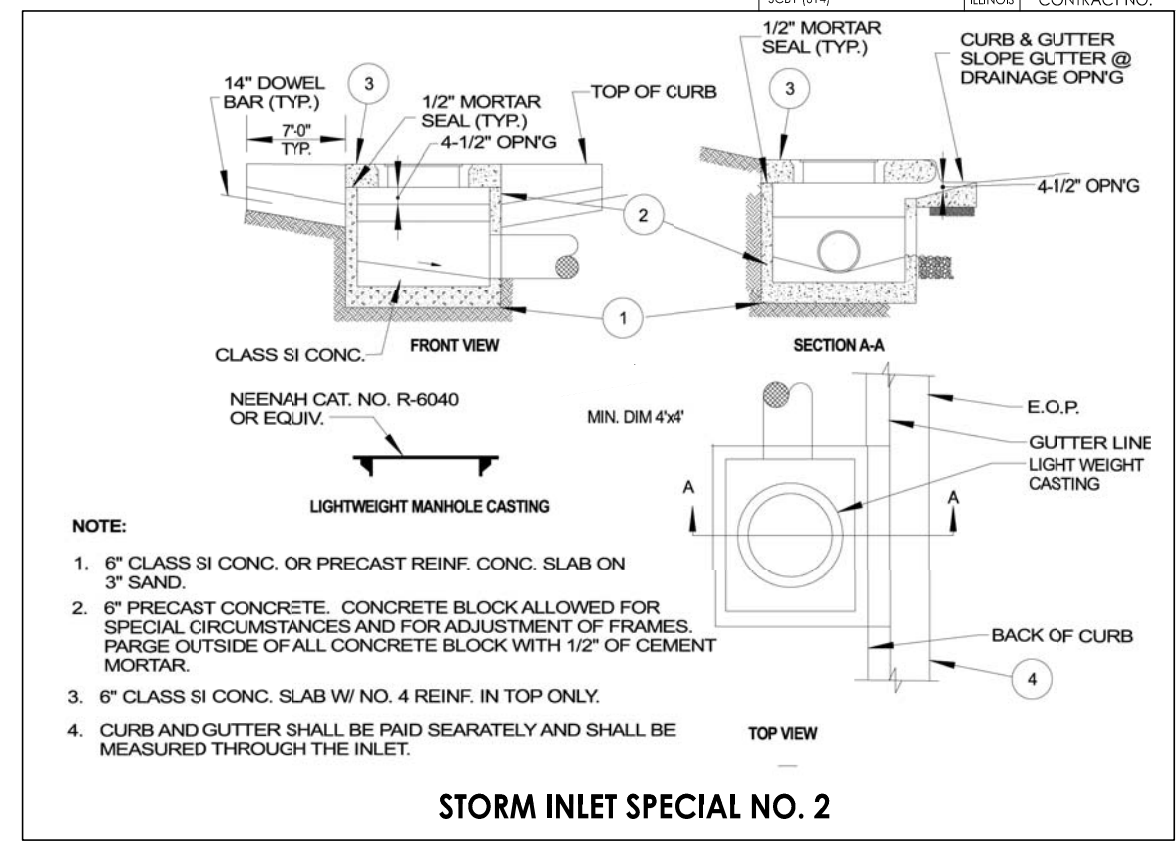
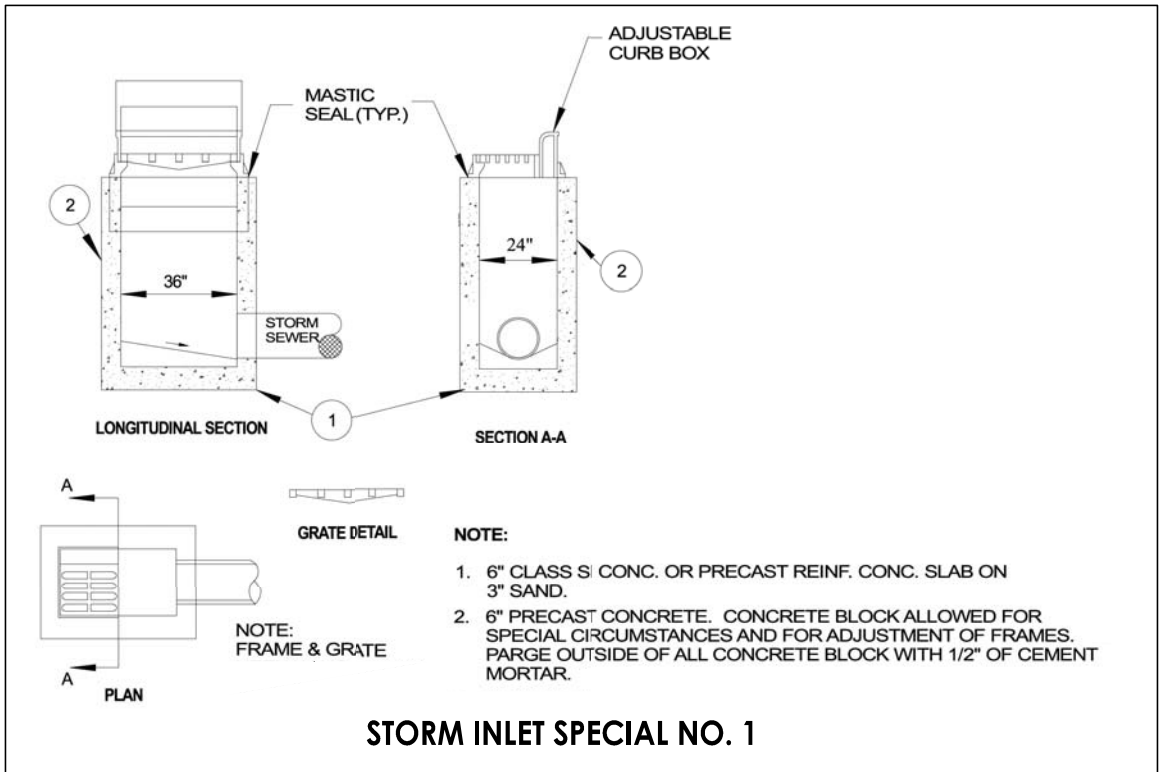
When construction is completed and soils are stabilized, a Notice of Termination (NOT) Form must be completed to terminate use of the General NPDES Permit. This form is located on the web at:

<http://www.epa.state.il.us/water/permits/storm-water/forms/notice-termination-construction.pdf>.



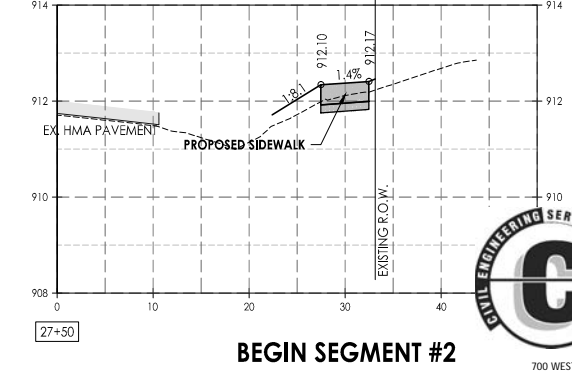
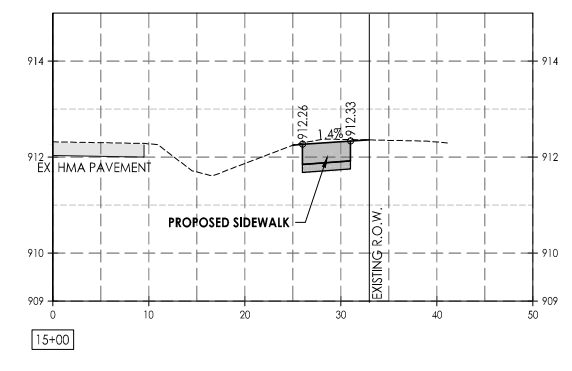
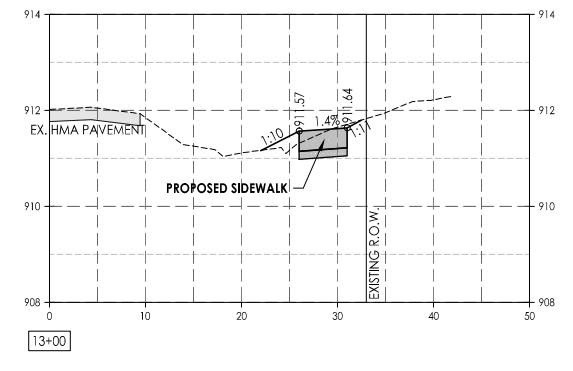
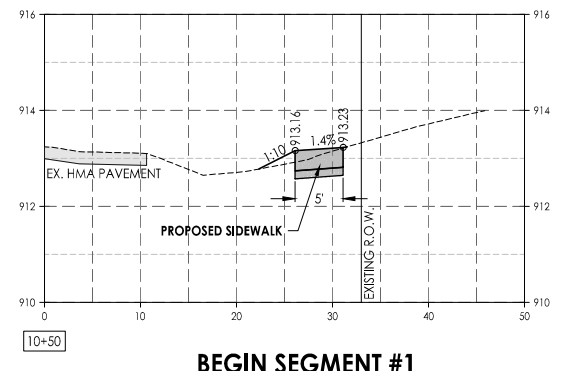
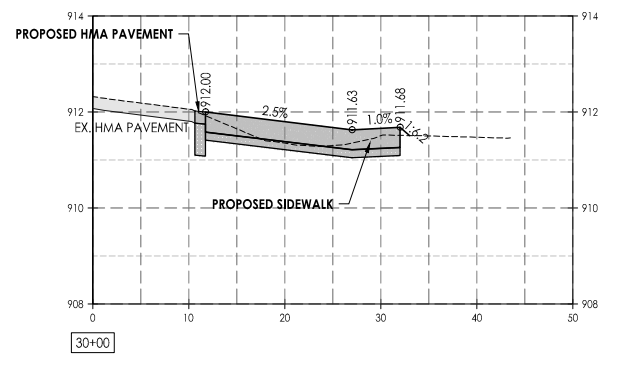
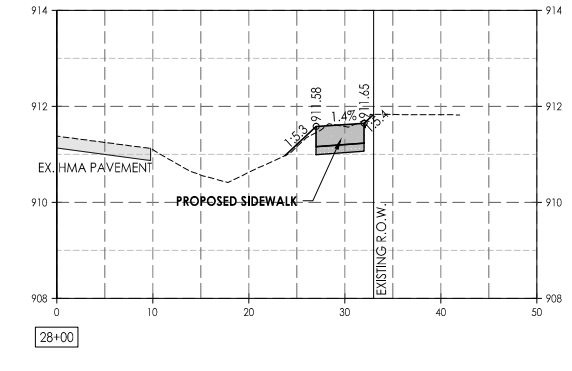
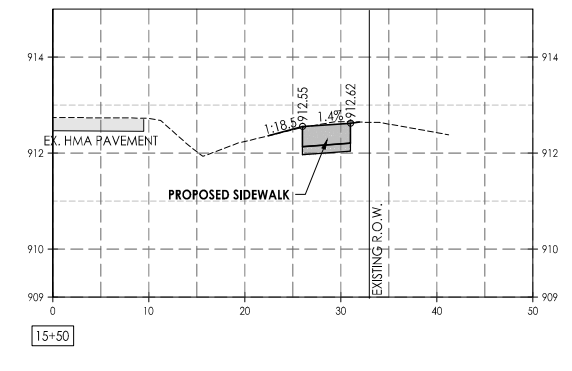
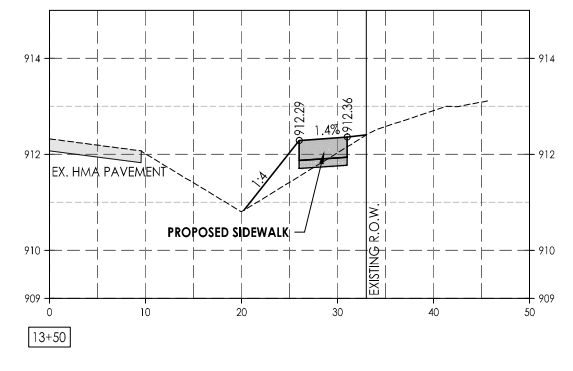
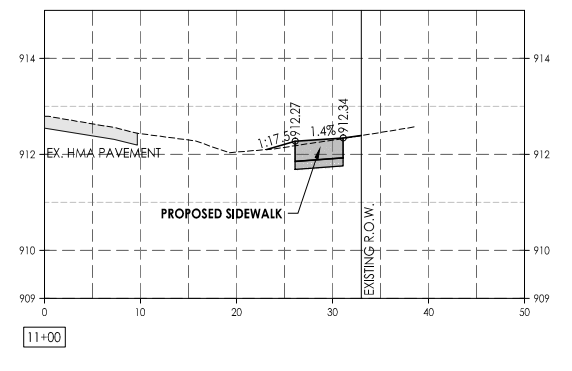
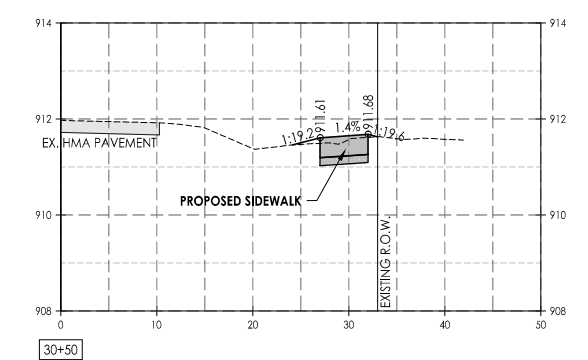
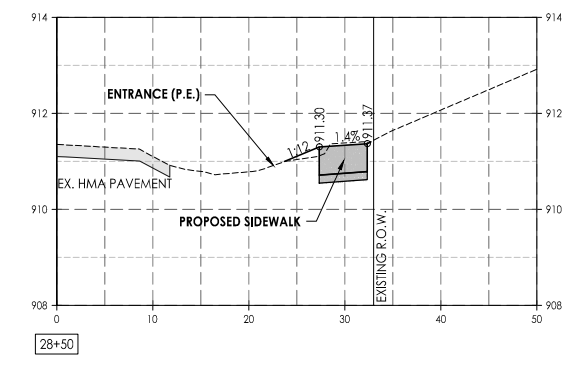
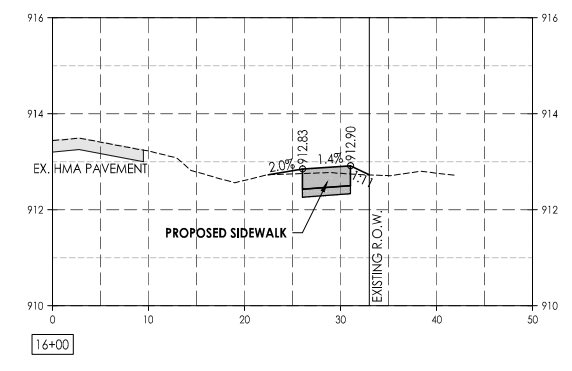
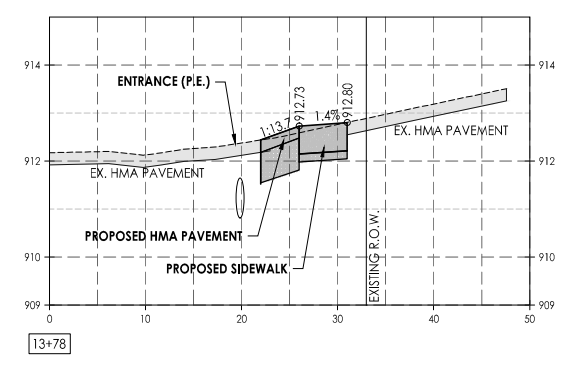
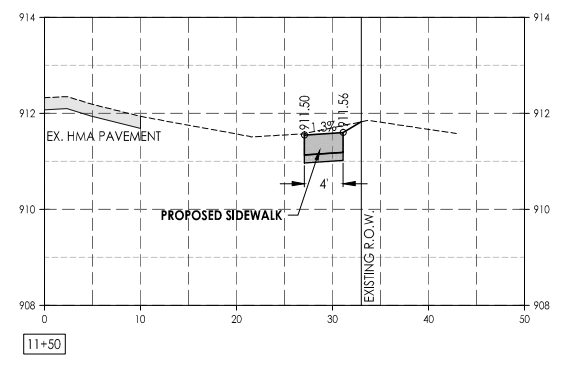
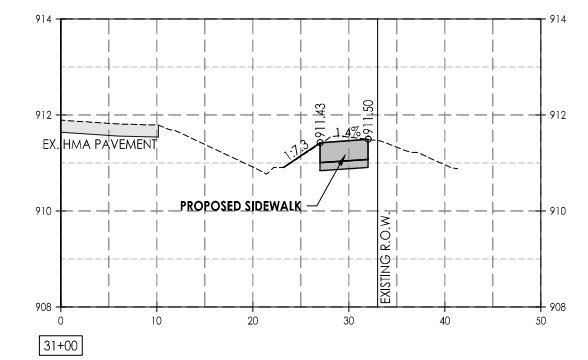
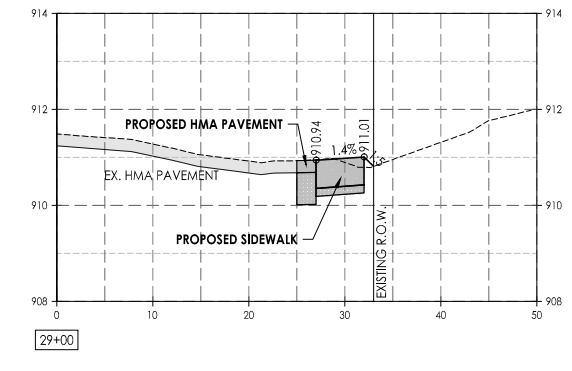
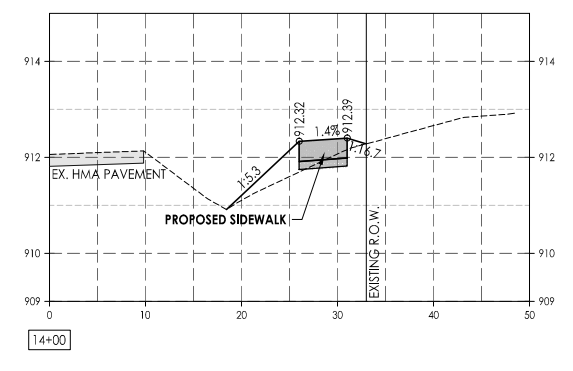
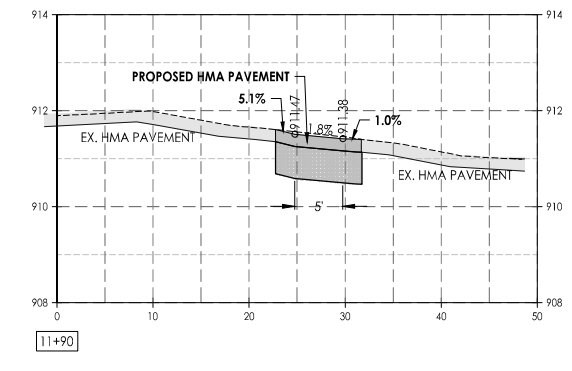
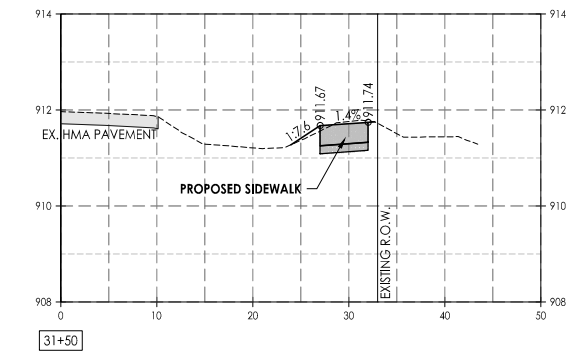
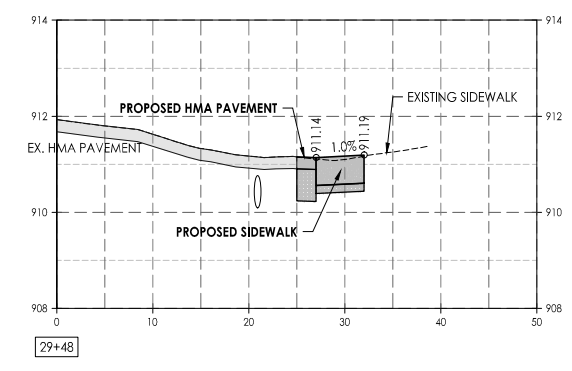
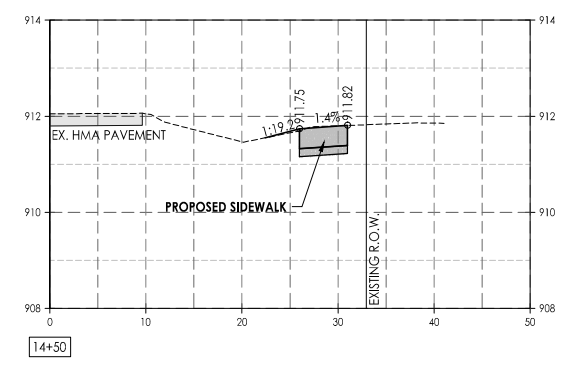
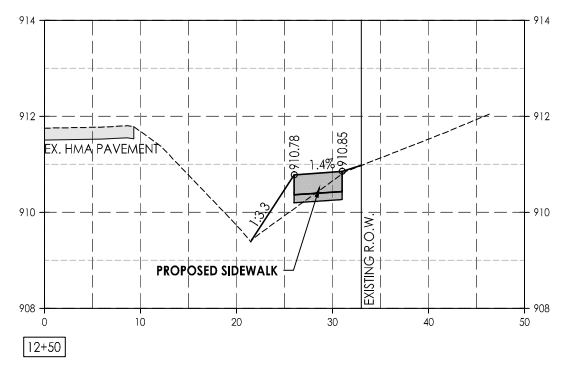
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

PRINTED: Tuesday, May 07, 2019		
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
Safe Routes to Schools Storm Water Pollution Prevention Document		
CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 28 of 33
3207_BASE.dwg		



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Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAB
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAB
Safe Routes to School Details		
CHECKED BY: KCB	DRAWN BY: JAB	Sheet
DATE: 7/23/2018	DATE: 7/23/2018	29 of 33
3207_BASE.dwg		

SCALE:
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BEGIN SEGMENT #1

BEGIN SEGMENT #2



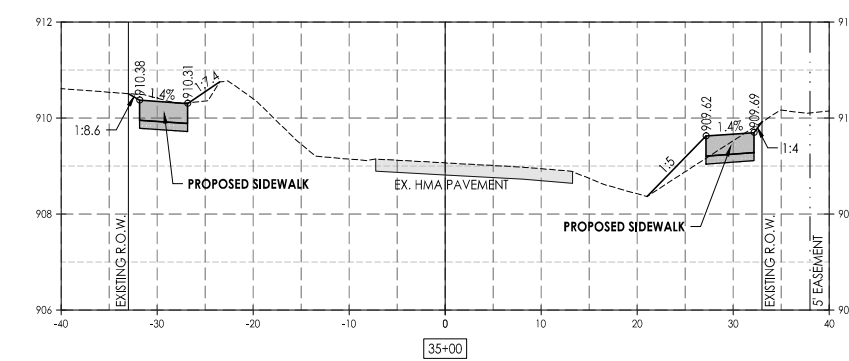
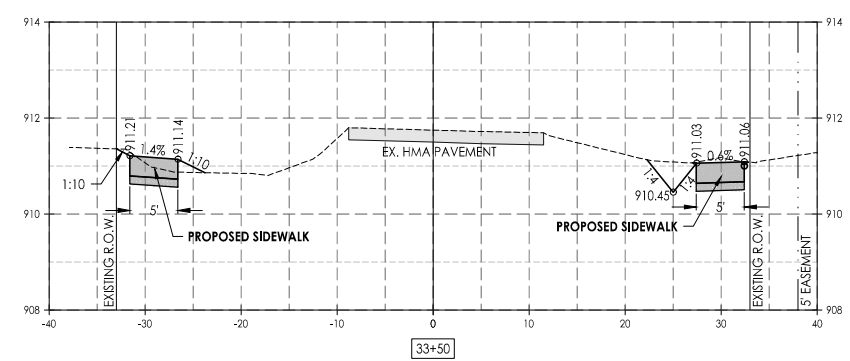
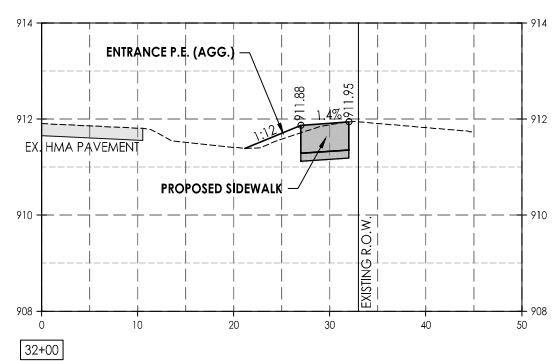
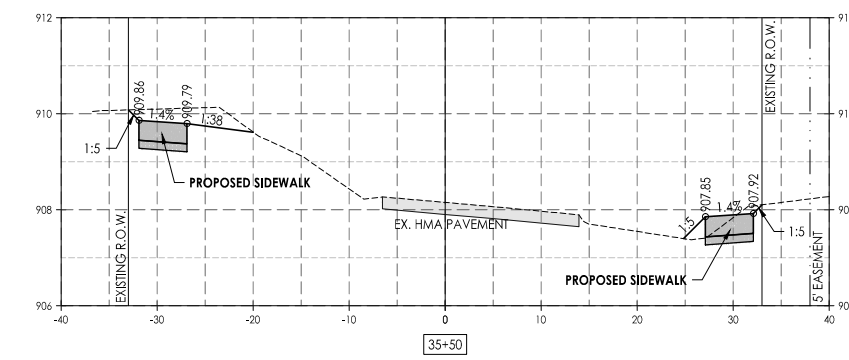
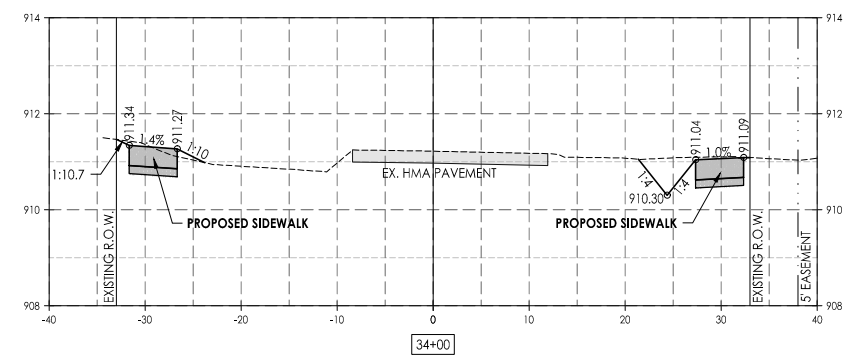
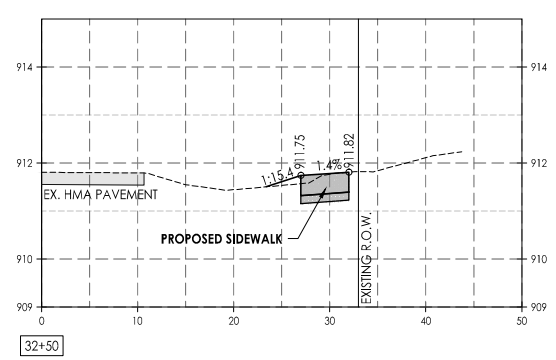
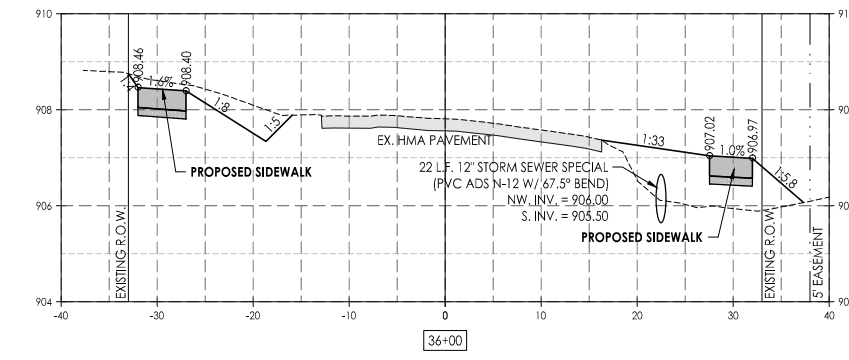
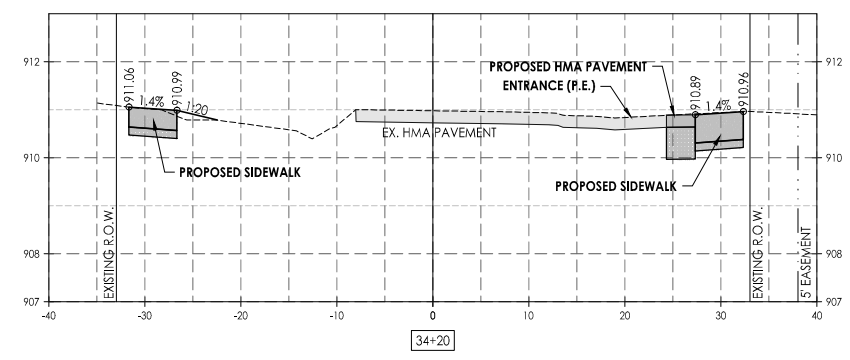
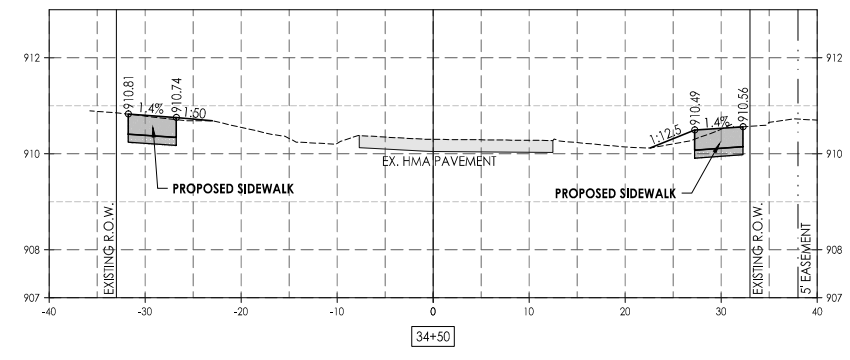
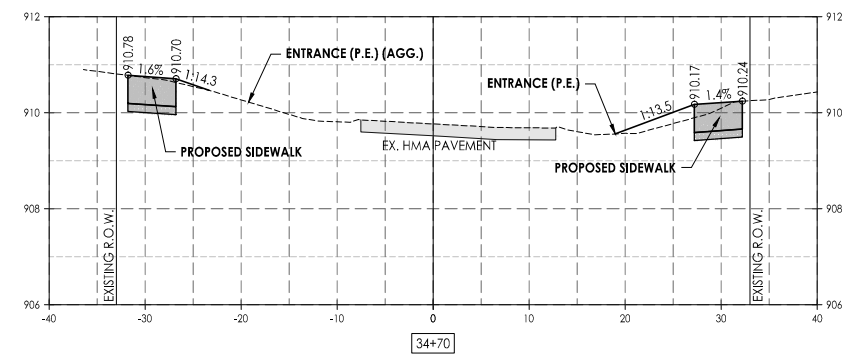
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

Date		Revision	
3/15/19	REVISED PER IDOT (LETTER DATED 9-18-18)	JAS	
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAS	

Safe Routes to School
Cross Sections
STA. 10+50 - STA. 32+50

CHECKED BY: KCB	DATE: 7/23/2018	DRAWN BY: JAB	DATE: 7/23/2018
3207_BASE.dwg		Sheet 30 of 33	

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BEGIN SEGMENT #3 - CONTINUE SEGMENT #2



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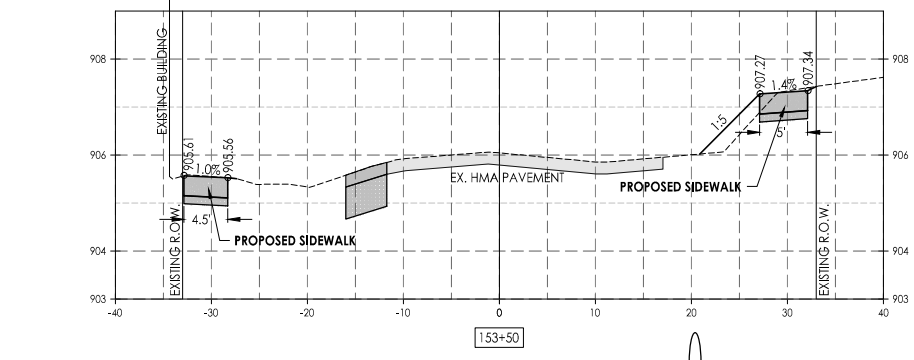
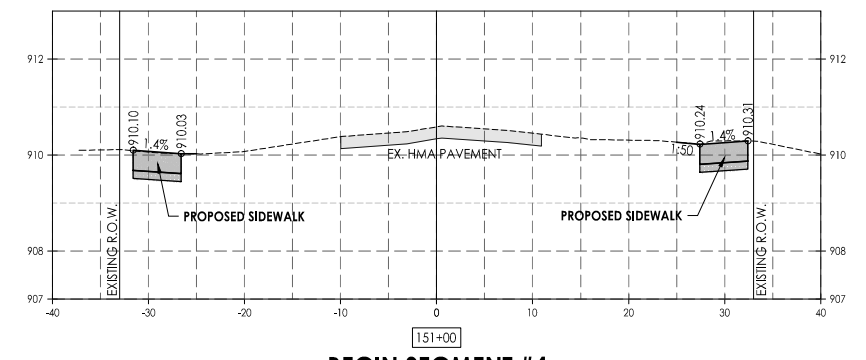
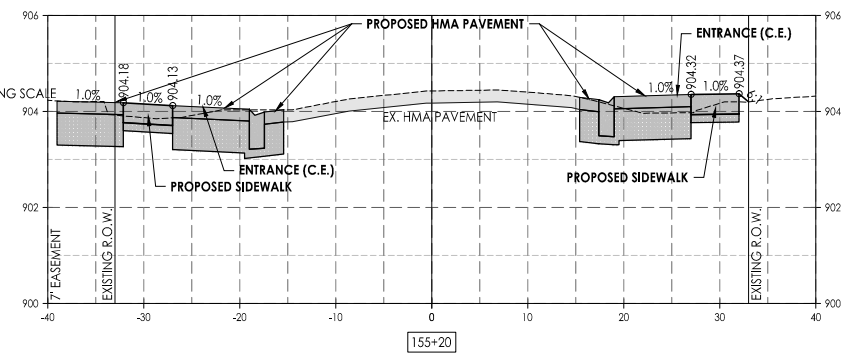
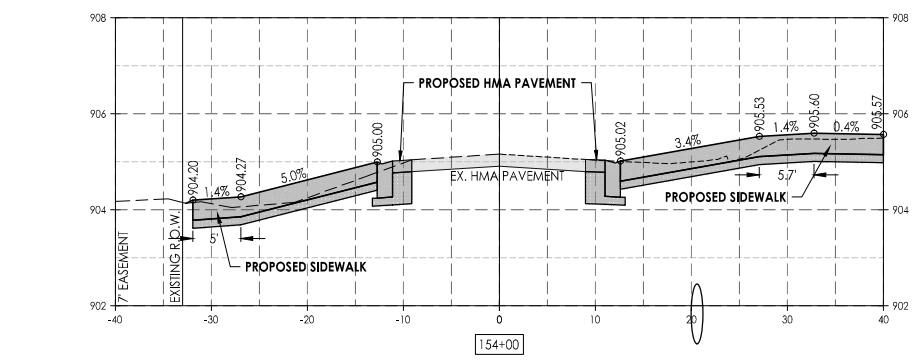
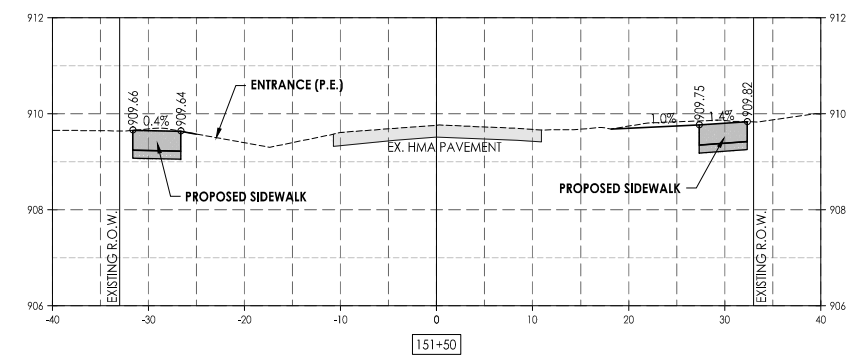
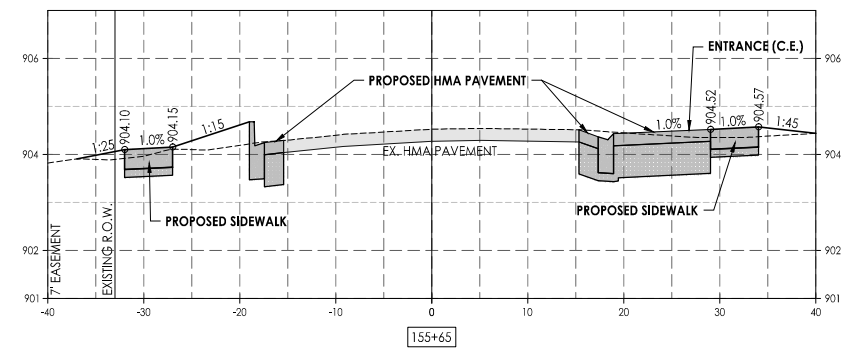
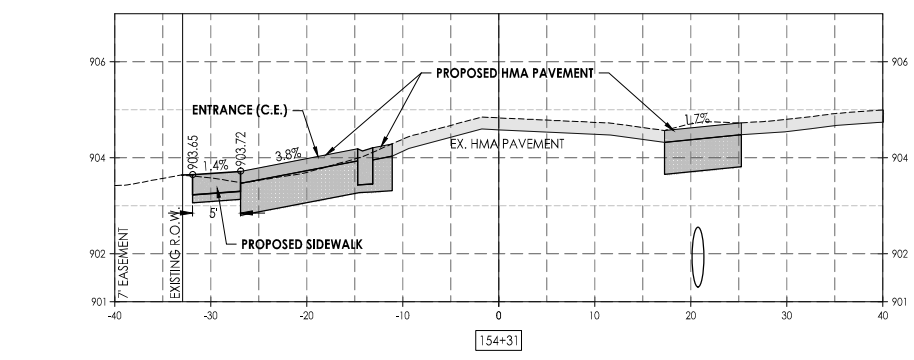
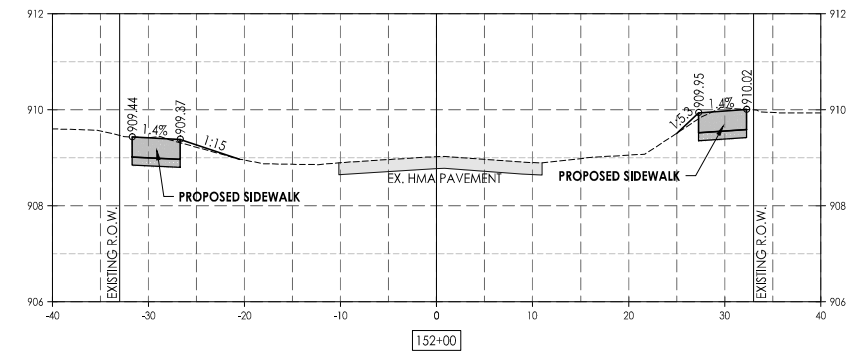
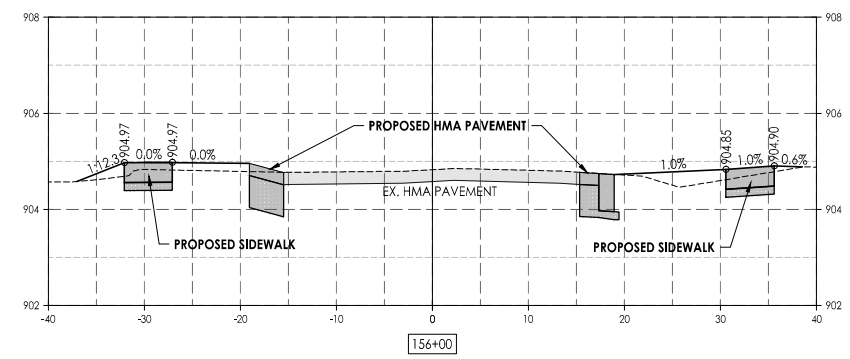
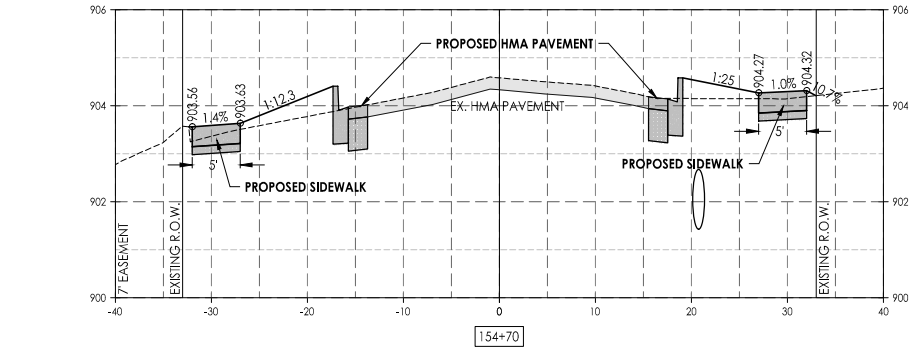
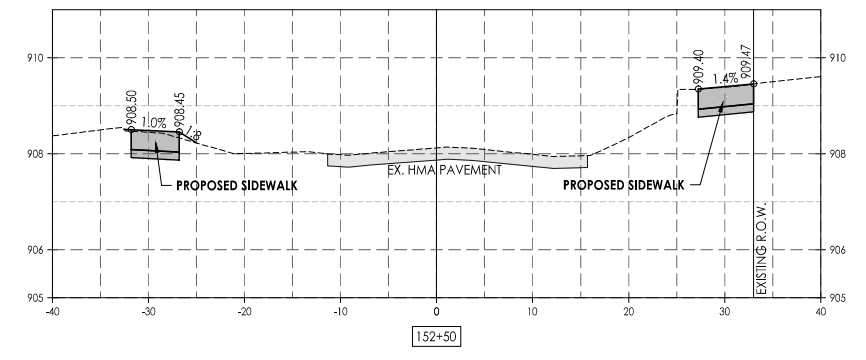
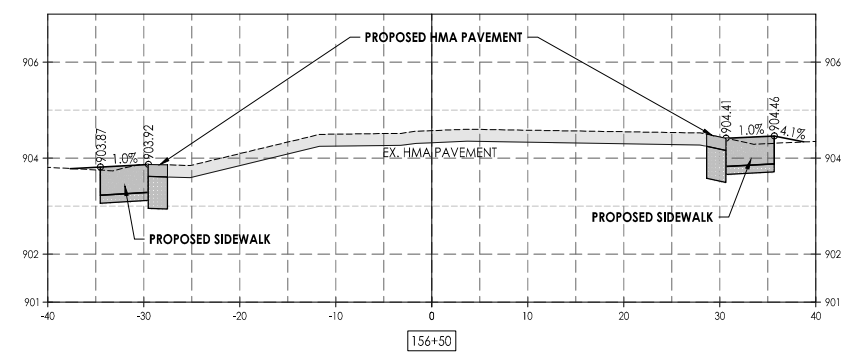
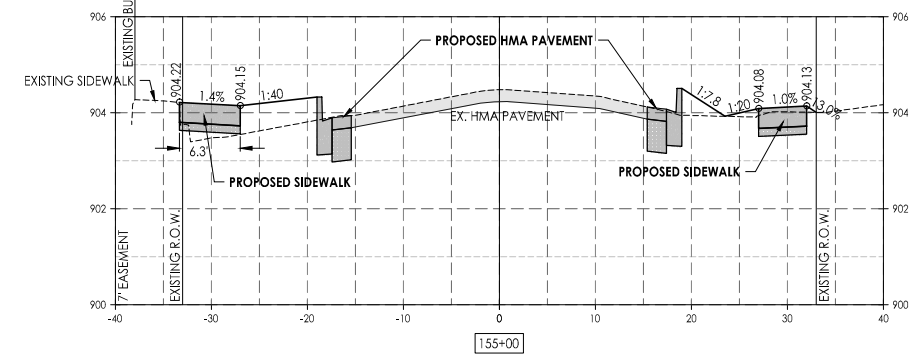
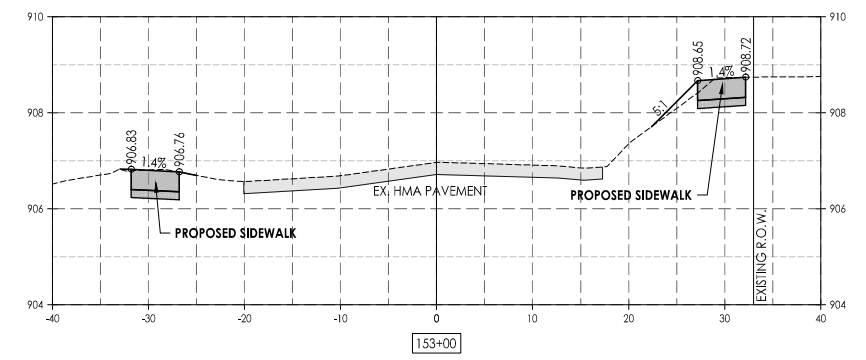
Date	Revision	By
3/15/19	REVISED PER IDOT (LETTER DATED 9-18-18)	JAS
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAS

Safe Routes to School
 Cross Sections
 STA. 33+50 to STA. 36+00 &
 STA. 101+00 - STA. 103+50

CHECKED BY: KCB DATE: 7/23/2018	DRAWN BY: JAB DATE: 7/23/2018	Sheet 31 of 33
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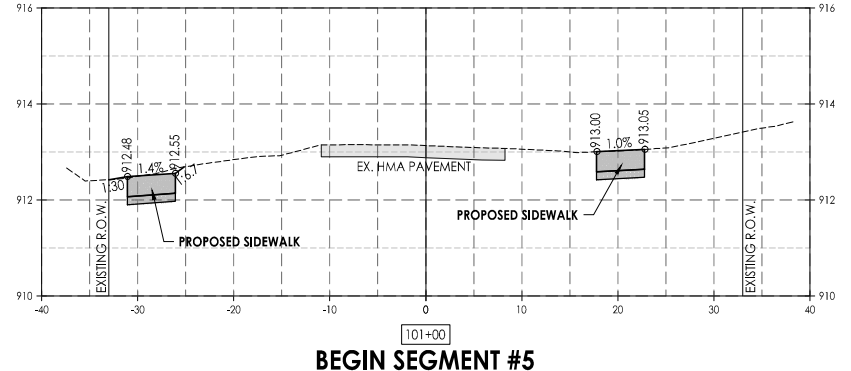
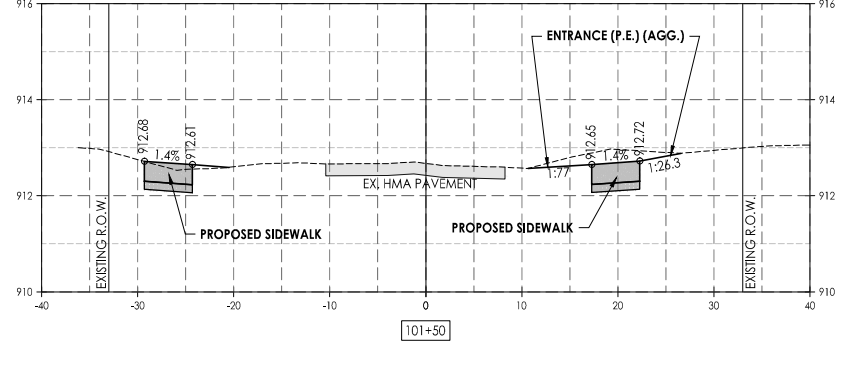
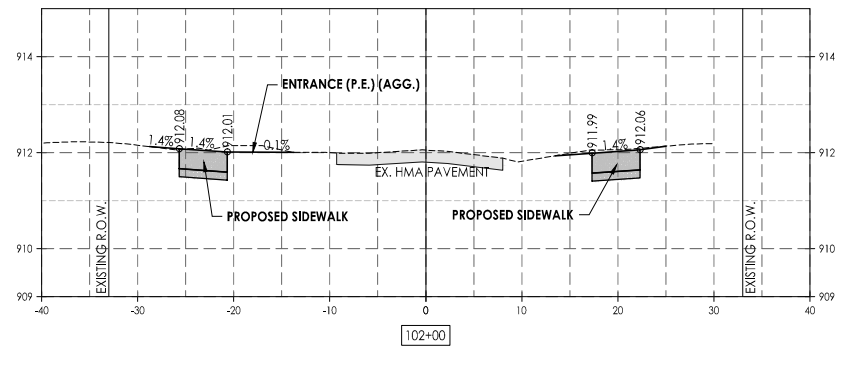
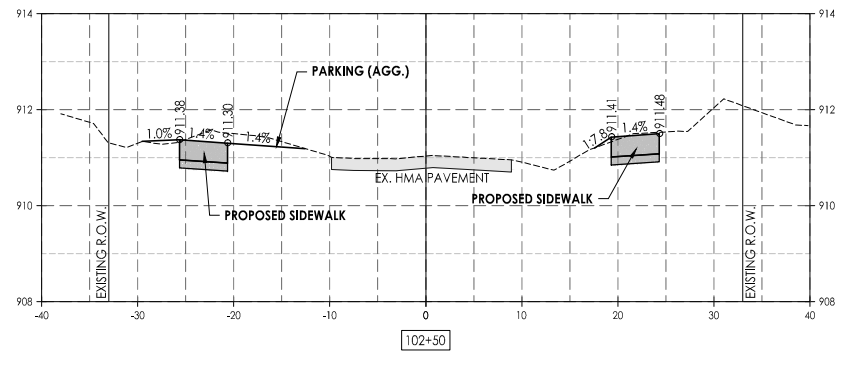
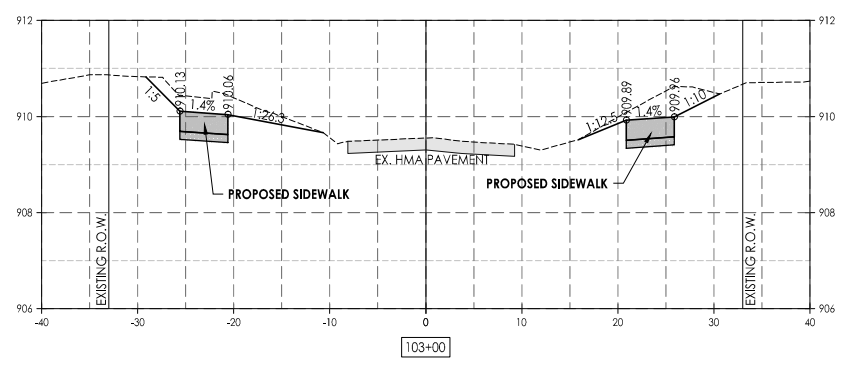


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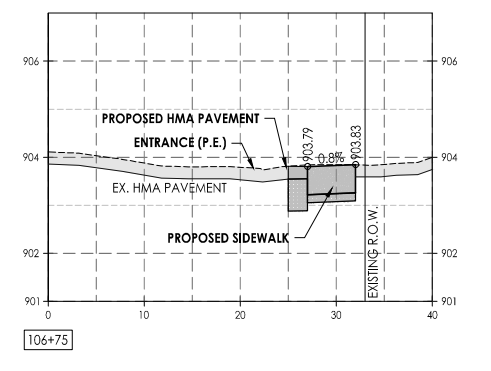
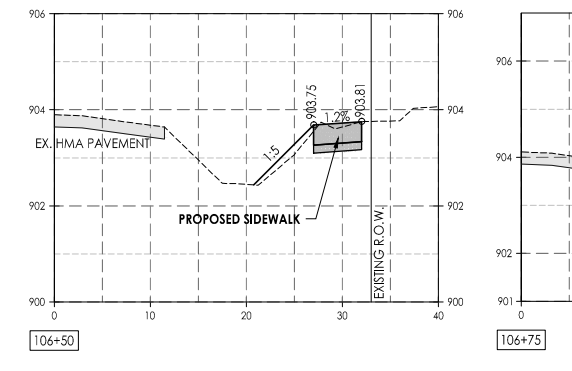
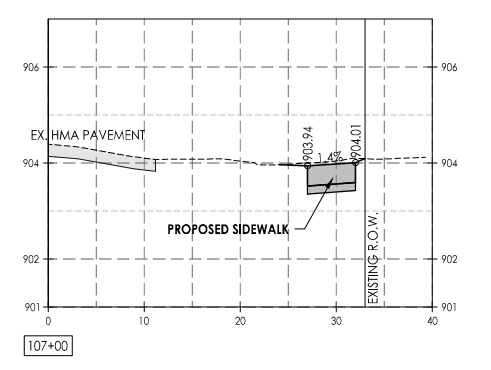
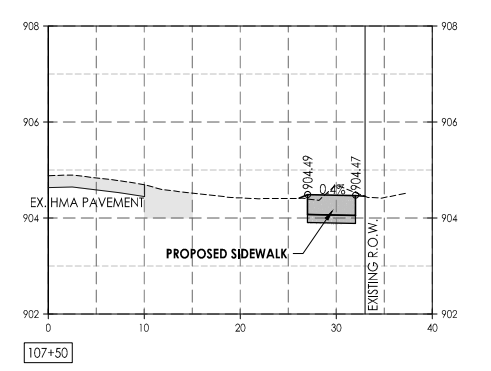
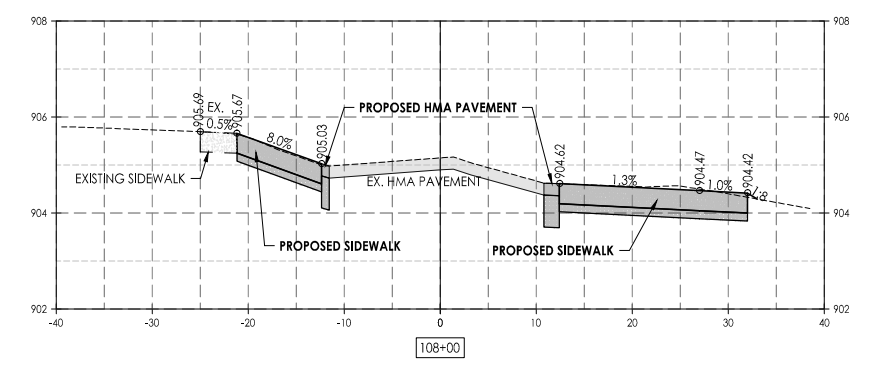
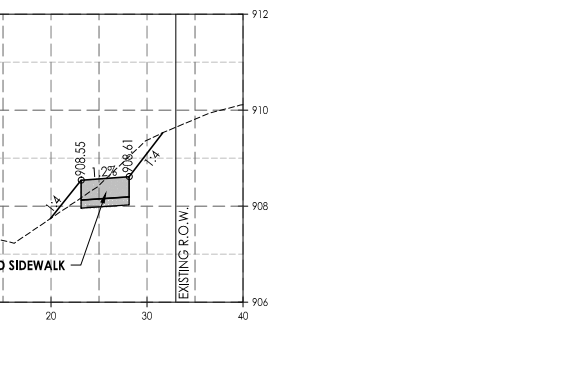
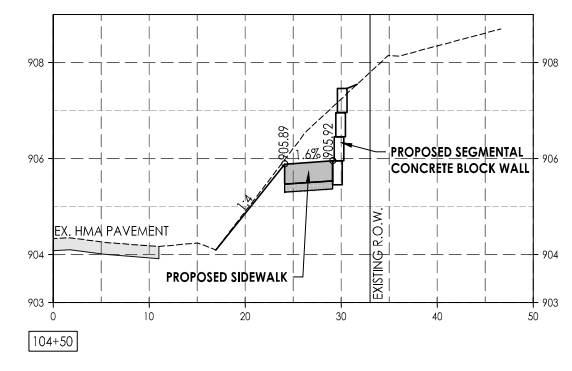
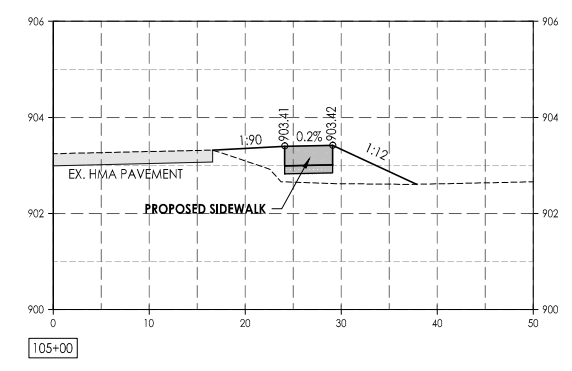
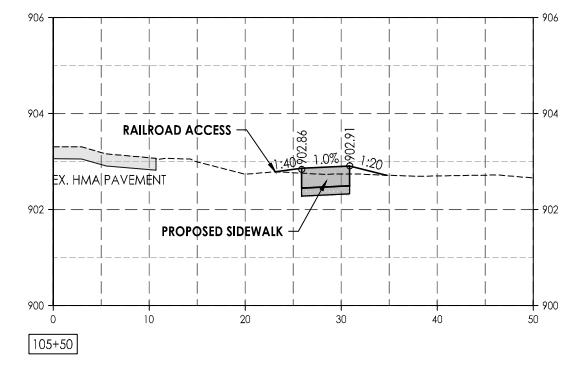
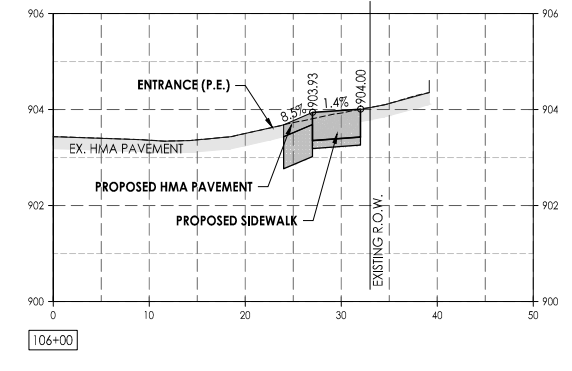
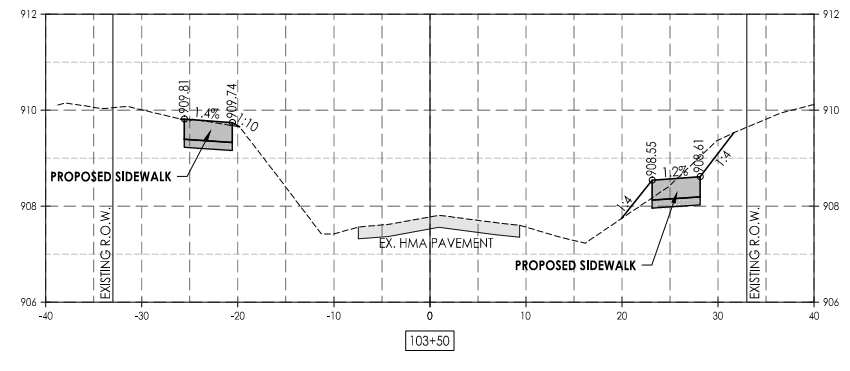
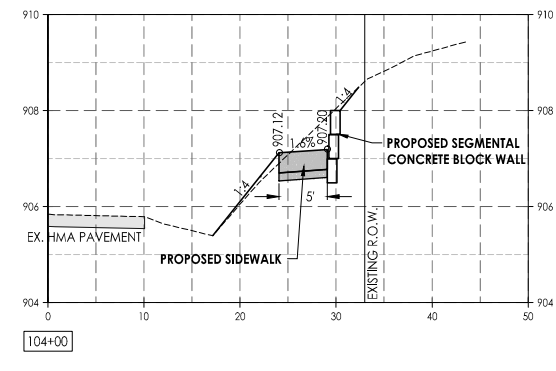


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Date	Revision	
3/15/19	REVISED PER IDOT (LETTER DATED 9-19-18)	JAS
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAS
Safe Routes to School Cross Sections STA. 151+00 - STA. 156+50		
CHECKED BY: KCB	DRAWN BY: JAB	Sheet
DATE: 7/23/2018	DATE: 7/23/2018	32 of 33
3207_BASE.dwg		

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BEGIN SEGMENT #5



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3/15/19	REVISED PER IDOT (LETTER DATED 9-18-18)	JAS
5/3/19	REVISED PER IDOT (LETTER DATED 3-29-19)	JAS
Safe Routes to School Cross Sections STA. 101+00 - STA. 108+00		
CHECKED BY: KCB	DRAWN BY: JAB	Sheet
DATE: 7/23/2018	DATE: 7/23/2018	33 of 33
3207_BASE.dwg		