

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	1
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

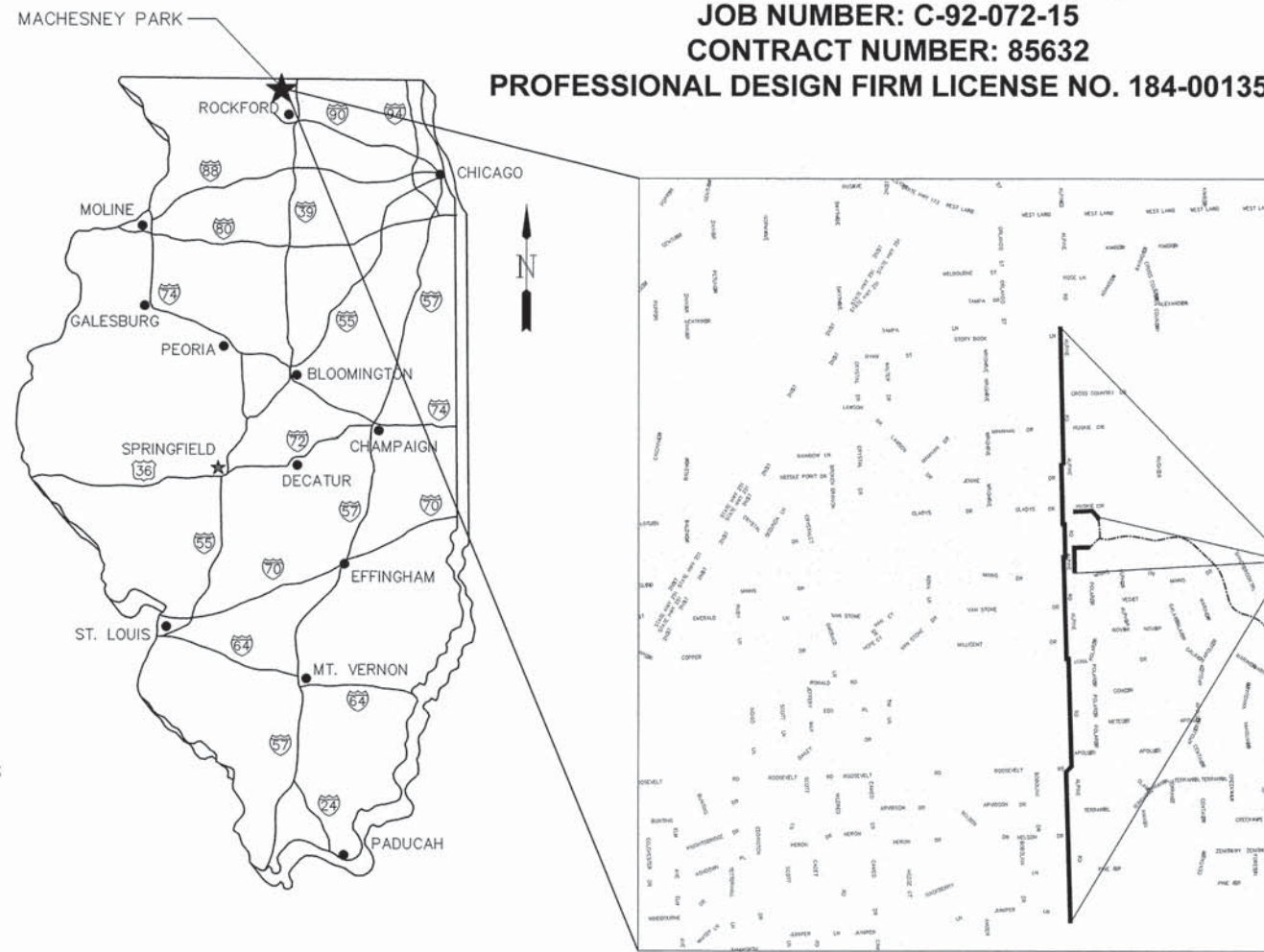
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ALPINE ROAD SHARED-USE PATH VILLAGE OF MACHESNEY PARK WINNEBAGO COUNTY, ILLINOIS

FAP ROUTE 412 (ALPINE ROAD)
SECTION NUMBER: 14-00031-00-BT
PROJECT NUMBER: TE-00D2(159)
JOB NUMBER: C-92-072-15
CONTRACT NUMBER: 85632

PROFESSIONAL DESIGN FIRM LICENSE NO. 184-001359



ALPINE ROAD (WEST SIDE)
BEGIN STA. 0+74.39
END STA. 72+99.87

HARLEM HIGH SCHOOL (NORTH LEG)
BEGIN STA. 200+01.23
END STA. 205+06.16

ALPINE ROAD/HARLEM HIGH SCHOOL (EAST/SOUTH LEG)
BEGIN STA. 100+00.00
END STA. 105+77.96

MAP SCALE: NONE
N.T.S.

PLAN & PROFILE — HORIZ. SCALE = 1" = 20'
VERT. SCALE = 1" = 5'

FUNCTIONAL CLASSIFICATION: ALPINE RD = OTHER PRINCIPLE ARTERIAL 14,120 ADT
POSTED SPEED LIMIT: ALPINE RD = 45 MPH
NET LENGTH: ALPINE RD = 7292' = 1.381 MILES

McMAHON
ENGINEERS ARCHITECTS
1700 HUTCHINS ROAD, MACHESNEY PARK, IL 61115
Tel: (815) 636-9590 Fax: (815) 636-9591
www.mcmgrp.com

NICHOLAS J. ARPS, P.E.
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-058539
DATE: 4/18/16

Highway Standards

280001-07	Temporary Erosion Control Systems
424001-08	Perpendicular Curb Ramps for Sidewalks
424006-02	Diagonal Curb Ramps For Sidewalks
424016-02	Mid-Block Curb Ramps For Sidewalks
424021-03	Depressed Corner For Sidewalks
542406-02	Metal End Sections for Pipe Arches
602301-04	Inlet - Type A
604001-04	Frame & Lids - Type 1
606001-06	Combination Concrete Curb & Gutter
701006-05	Off-Rd Operations, 2L, 2W, 15' To 24" From Pavement Edge
701101-05	Off-Rd Operations, Multilane, 15' to 24" From Pavement Edge
701106-02	Off-Rd Operations, Multilane, More Than 15' Away
701301-04	Lane Closure, 2L, 2W, Short Time Operations
701311-03	Lane Closure 2L, 2W Moving Operations - Day Only
701426-08	Lane Closure, Multilane, Intermittent Or Moving Operations > 45 MPH
701427-04	Lane Closure, Multilane, Intermittent Or Moving Operations < 40 MPH
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701602-07	Urban Lane Closure, Multilane, 2W With Bidirectional Left Turn Lane
701701-10	Urban Lane Closure, Multilane Intersection
701801-06	Sidewalk, Corner Or Crosswalk Closure
701901-05	Traffic Control Devices
720001-01	Sign Panel Mounting Details
720006-04	Sign Panel Erection Details
720011-01	Metal Posts For Signs, Markers & Delineators
728001-01	Telescoping Steel Sign Support
729001-01	Applications Of Types A & B Metal Posts (For Signs & Markers)
780001-05	Typical Pavement Markings
814001-03	Handholes
836001-02	Light Pole Foundation
873001-02	Traffic Signal Grounding & Bonding
876001-04	Pedestrian Push-Button Post
877011-06	Steel Combination Mast Arm Assembly & Pole 16' Through 55'
878001-10	Concrete Foundation Details
886001-01	Detector Loop Installations
886006-01	Typical Layouts For Detection Loops
BLR14-11	PCC Pavement - Nonreinforced

UTILITIES

ELECTRIC:
COMMONWEALTH EDISON COMPANY
123 ENERGY AVENUE
ROCKFORD, IL 61109
(800) 334-7661

GAS:
NICOR
4651 LINDEN ROAD
ROCKFORD, IL 61109
(888) 642-6748

SANITARY SEWER:
R.R.W.R.D.
3501 KISHWAUKEE STREET
ROCKFORD, IL 61109
(815) 387-7660

WATER:
N.P.P.W.D.
1350 TURRET DRIVE
MACHESNEY PARK, IL 61115
(815) 633-5461

TELEPHONE:
PROGRESSIVE COMMUNICATIONS SERVICES
625 PURPLE SAGE DRIVE
ROSCOE, IL 61073

CABLE T.V.:
COMCAST
4450 KISHWAUKEE STREET
ROCKFORD, IL 61109
(815) 395-8977

UTILITY LOCATIONS ARE PROVIDED FOR THE CONTRACTORS CONVENIENCE AND ARE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATION AND PROTECTION OF UNDERGROUND UTILITIES. CONTACT J.U.L.I.E. 1-800-892-0123 FOR LOCATION OF UNDERGROUND UTILITIES.

AGENCY RESPONSIBLE FOR LETTING

APPROVED: 04-18-16
DATE
VILLAGE OF MACHESNEY PARK

APPROVED: 4-18-16
DATE
CITY OF LOVES PARK

PASSED: 4/21/16
DATE
DISTRICT #2 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: APRIL 21, 2016
DATE
DEPUTY DIRECTOR OF HIGHWAYS, REGION #2 ENGINEER

REVISION 4/18/16

PROJECT NO.	M0031-73-0135
DATE	DEC. 16, 2015
SHEET NO.	1

**SUMMARY OF QUANTITIES - SECTION NO. 14-00031-00-BT
CONSTRUCTION TYPE CODE: 0028**

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	2
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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ENGINEERS ARCHITECTS
1700 HUTCHINGS ROAD, MACHESNEY PARK, IL 61115
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REVISION	DATE	BY	DOT COMMENTS
1	1/13/16		
2	4/18/16		

NO.	DATE	BY
1	1/13/16	
2	4/18/16	

**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
SUMMARY OF QUANTITIES**

DESIGNED	DRAWN
N.J.A.	J.J.D.

SCALE
NONE

PROJECT NO.
M0031-73-0135

DATE
DEC. 16, 2015

SHEET NO.

2

Code Number	Spec Prov/Detail	Item	Unit of Measure	Quantity	Code Number	Spec Prov/Detail	Item	Unit of Measure	Quantity
20100110		TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	242	72400500		RELOCATE SIGN PANEL ASSEMBLY, TYPE A	EACH	22
20100210		TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	105	72800100		TELESCOPING STEEL SIGN SUPPORT	FOOT	123.5
21101615		TOPSOIL FURNISH AND PLACE, 4"	SQ YD	11473	△ 78000400		THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	760
25000110		SEEDING, CLASS 1A	ACRE	2.37	△ 78000600		THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1039
25000400		NITROGEN FERTILIZER NUTRIENT	POUND	213	△ 78000650		THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	159
25000500		PHOSPHORUS FERTILIZER NUTRIENT	POUND	213	△ 78005110		EPOXY PAVEMENT MARKING - LINE 4"	FOOT	81
25000600		POTASSIUM FERTILIZER NUTRIENT	POUND	213	△ 78005130		EPOXY PAVEMENT MARKING - LINE 6"	FOOT	704
25100630		EROSION CONTROL BLANKET	SQ YD	11,473	△ 78005150		EPOXY PAVEMENT MARKING - LINE 12"	FOOT	940
28000305		TEMPORARY DITCH CHECKS	FOOT	21	△ 78005180		EPOXY PAVEMENT MARKING - LINE 24"	FOOT	188
28000400		PERIMETER EROSION BARRIER	FOOT	2718	78300100		PAVEMENT MARKING REMOVAL	SQ FT	1267
28000500		INLET & PIPE PROTECTION	EACH	37	△ 81028390		UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	69
28000510		INLET FILTERS	EACH	8	△ 81400700		HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
28100201		STONE RIPRAP, CLASS A1	TON	6	△ 81702110		ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE) 1/C NO. 10	FOOT	233
28200200		FILTER FABRIC	SQ YD	72	△ 84400105		RELOCATE EXISTING LIGHTING UNIT	EACH	4
35101400		AGGREGATE BASE COURSE, TYPE B	TON	3554	△ 87301215		ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	583.5
40600275		BITUMINOUS MATERIALS (PRIME COAT)	POUND	15,424	△ 87301225		ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	476.5
40603080		HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	126	△ 87301245		ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	482
40603310		HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50	TON	798	△ 87301255		ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	271.5
42000400		PORTLAND CEMENT CONCRETE PAVEMENT, 9"	SQ YD	252	△ 87301900		ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	446.5
42400300		PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	6184	△ 87601100		PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE 1	EACH	2
42400800		DETECTABLE WARNINGS	SQ FT	512	△ 87702930		STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1
44000500		COMBINATION CURB & GUTTER REMOVAL	FOOT	719	△ 87800100		CONCRETE FOUNDATION - TYPE A	FOOT	12.
44000600		SIDEWALK REMOVAL	SQ FT	1459	△ 87800415		CONCRETE FOUNDATION - TYPE E - 36" DIA.	FOOT	13.
44213200		SAW CUTS	FOOT	487	△ 87900200		DRILL EXISTING HANDHOLE	EACH	1
54001001		BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	△ 88600600	•	DETECTOR LOOP REPLACEMENT	FOOT	1664
54011203		PRECAST CONCRETE BOX CULVERTS, 12' X 3'	FOOT	8	△ 88800100		PEDESTRIAN PUSH-BUTTON	EACH	2
54215793		METAL END SECTIONS, EQUIVALENT-ROUND SIZE, 48"	EACH	1	△ 89500100		RELOCATE EXISTING SIGNAL HEAD	EACH	3
55106010		STORM SEWER INSTALLATION - 6"	FOOT	458	△ 89500400		RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1
56109210	•	WATER VALVES TO BE ADJUSTED	EACH	7	△ 89501150		RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
56109300	•	WATER VALVES TO BE MOVED	EACH	1	△ 89502300		REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1986
56400400	•	FIRE HYDRANTS TO BE RELOCATED	EACH	1	△ 89502380	•	REMOVE EXISTING HANDHOLE	EACH	1
60234200		INLETS, TYPE A, TYPE 1 FRAME & OPEN LID	EACH	1	△ 89502385	•	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
60250200		CATCH BASINS TO BE ADJUSTED	EACH	3	550A5510		STORM SEWERS, CLASS A, TYPE 2, EQUIVALENT-ROUND SIZE, 48"	FOOT	8
60255500		MANHOLES TO BE ADJUSTED	EACH	3	X0326767	•	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	28
60260100		INLETS TO BE ADJUSTED	EACH	13	X2020410	•	EARTH EXCAVATION (SPECIAL)	CU YD	3668
60603100	•	CONCRETE GUTTER TRANSITION	FOOT	67	X7010216	•	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LUMP SUM	1
60604400		COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18	FOOT	643	XX002162	•	PARTIAL REMOVAL OF EXISTING STRUCTURE	EACH	1
60605000		COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	FOOT	127	XX007824	•	BRICK PAVERS ACCENT STRIP	SQ FT	877
60617900	•	PAVED FLUME	SQ YD	6	XX008830	•	PRECAST MODULAR RETAINING WALL, SPECIAL	SQ FT	895
67100100		MOBILIZATION	LUMP SUM	1	Z0022810	•	FENCE REMOVAL (SPECIAL)	FOOT	268
72000100		SIGN PANEL - TYPE 1	SQ FT	39.75	△ Z0024478	•	FLEXIBLE DELINEATORS	EACH	10

△ SPECIALTY ITEMS

GENERAL NOTES - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	4
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TEL (815) 838-6990 Fax (815) 838-6991
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- All earthwork, roadway work, drainage work or storm sewer work shall be performed utilizing material and methods in strict accordance with the Illinois Department of Transportation (IDOT) "Standard Specifications for Road and Bridge Construction" latest edition, the standard detail sheets attached to these plans, and the specifications for these plans. Where there is a conflict, the standard detail sheets shall govern. All State, Municipal Agencies, and Public Works Department requirements and standards shall be strictly adhered to in work performed under this project.
- The proposed improvements must be constructed in accordance with the engineering plans as approved by the Village of Machesney Park, the City of Loves Park and IDOT. The construction details as presented on these plans must be followed by the CONTRACTOR. Improvement representations as shown on these plans are as accurate as possible from the information available, however field revisions may be required to accommodate unforeseen circumstances – the ENGINEER shall be apprised of any necessary revisions with sufficient lead time allowed to properly consider and act upon said requests.
- The utility locations, depths, etc., shown on these plans are approximate only, and shall be verified by the CONTRACTOR with all affected utility companies prior to initiating construction operations; the ENGINEER and OWNER assume no responsibility for the adequacy, sufficiency or exactness of these utility representations.
- As part of the bidding procedure, the CONTRACTOR shall verify that the quantities for any items as presented in these plan documents are substantially correct; if discrepancies are detected, the CONTRACTOR shall notify the ENGINEER of the discrepancy a minimum of 9 calendar days prior to the bid date.
- Prior to starting construction, the CONTRACTOR shall contact the office of J.U.L.I.E. at 800-892-0123 for exact field location of all utilities in the proximity of, and on, the project site; if there are any utilities which are not members of the J.U.L.I.E. system, the CONTRACTOR shall be solely responsible for determining this and requesting said utilities to field verify and mark pertinent utility locations.
- CONTRACTOR shall notify the ENGINEER, Village of Machesney Park, the City of Loves Park, and Water District at least 48-hours prior to start of construction in order to arrange for appropriate construction observation. Work performed or materials and equipment installed without observation may be considered unacceptable at the discretion of the ENGINEER, Village of Machesney Park, City of Loves Park, or Water District, and may have to be replaced at no cost to the ENGINEER or OWNER.
- Existing pavements, curbs, gutters, sidewalks, etc. to be removed under this contract shall be saw cut full depth or removed at a joint.
- Should it be determined by the ENGINEER that the subgrade material is unsuitable on which to construct the roadway structure, the CONTRACTOR shall be responsible for removing the unsuitable material to the satisfaction of the ENGINEER and replacing same with stabilizing subbase consisting of coarse aggregate. CONTRACTOR will be paid according to unit price included in bid forms.
- ENGINEER approved trench back fill materials as described in the specifications are required to be placed in utility trenches within the limits of pavement and 2-feet beyond the pavement. Cost of said backfill is considered incidental to the cost of the pertinent utility unless a specific pay item for the trench backfill is listed in the plans.
- Extreme caution must be exercised regarding the compaction of all utility trenches, due to the existence of asbestos cement water mains in the area.
- CONTRACTORS are advised that all mud and debris must be cleared from roadways at the end of each working day per requirements of the Village of Machesney Park and the City of Loves Park.
- All valve boxes, vaults, structures, manholes or other frames requiring such attention shall be adjusted to final grades as determined acceptable by the ENGINEER. The maximum adjustment for any utility structure with adjusting rings is 8-inches, unless otherwise approved by the ENGINEER and the utility OWNER; any adjustment over 8-inches must incorporate additional barrel sections for the manhole, valve vault, etc.
- The CONTRACTOR will be paid for materials and equipment successfully installed in accordance with the plans and specifications as measured or verified in place by the ENGINEER or his agent.
- Any damage to existing valves, manholes, structures, utilities, sidewalks, curbs, gutters, pavements, etc. not called out specifically in the plans shall be repaired or replaced with equals without cost to the contract.
- Restoration of existing roadways, right-of-way or private property are considered incidental to this project where not specifically called out on the plans. Any area for which restoration is required shall receive 4" minimum of approved topsoil, seeding Class 1A, nutrients and erosion control blanket.

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NO.	DATE	REVISION
1	1/13/16	IDOT COMMENTS
2	4/19/16	IDOT COMMENTS

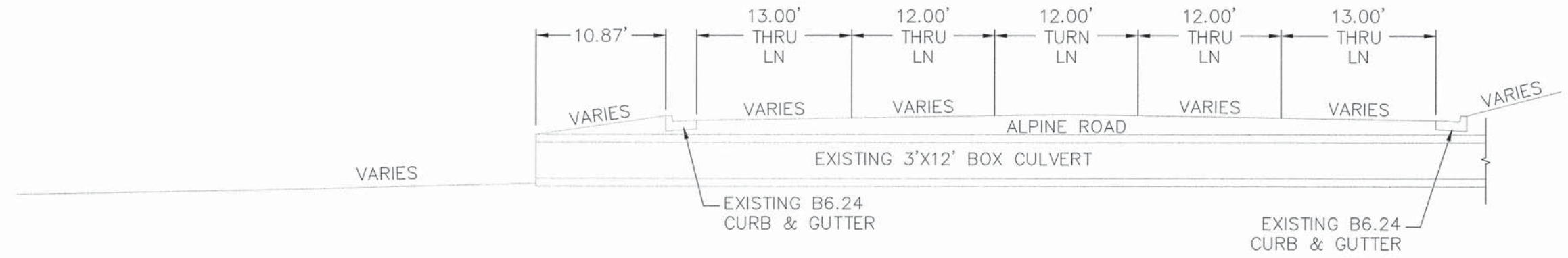
**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
GENERAL NOTES**

DESIGNED N.L.A.	DRAWN J.J.D.
SCALE NONE	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 4	

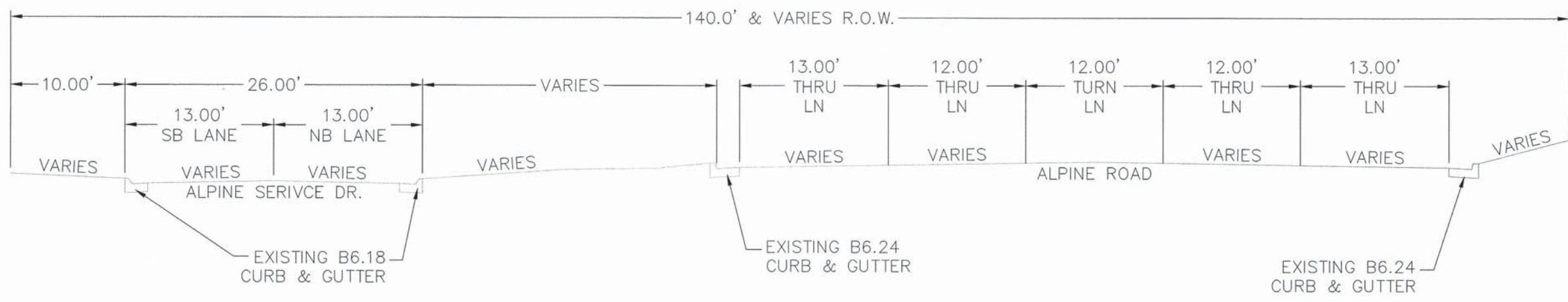
TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	5
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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Tel: (815) 636-8800 Fax: (815) 636-8891
www.mcmahon.com



EXISTING TYPICAL SECTION @ 3'X12' CULVERT
STA. 0+92.44 TO STA. 1+04.44



EXISTING TYPICAL SECTION W/ SERVICE DRIVE
STA. 1+82.10 TO STA. 9+92.27
STA. 13+97.87 TO STA. 18+76.81

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2	4/18/16	IDOT COMMENTS

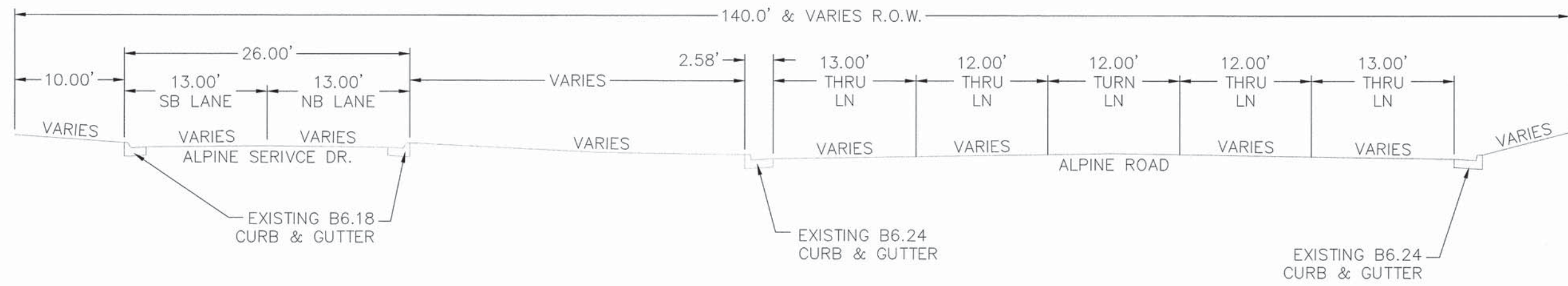
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
1 : 5	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	

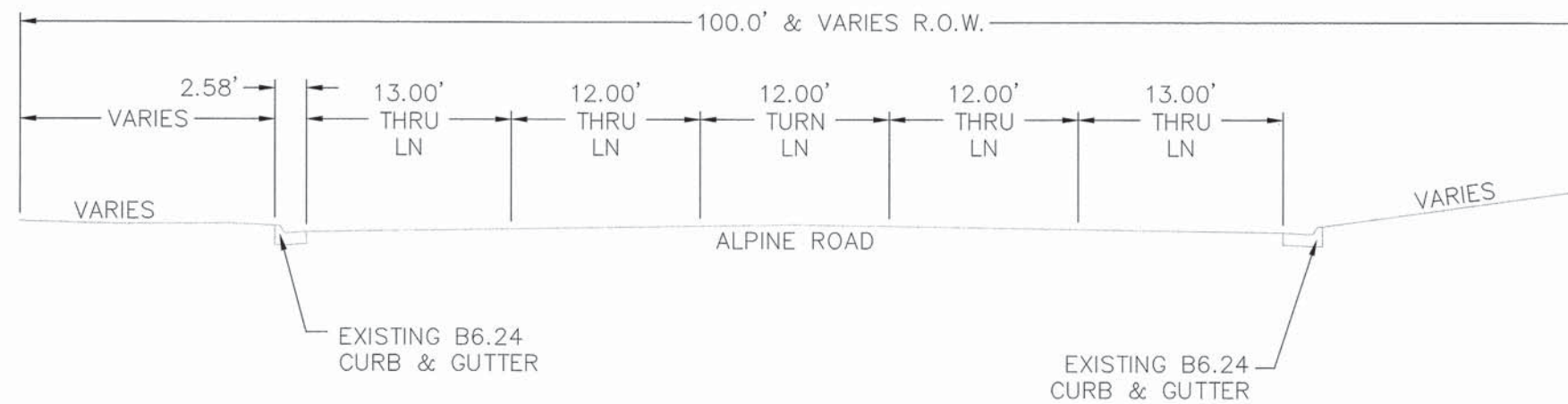
TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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EXISTING TYPICAL SECTION W/ SERVICE DRIVE
STA. 9+92.27 TO STA. 13+97.87



EXISTING TYPICAL SECTION
STA. 18+76.81 TO STA. 21+72.72
STA. 23+03.30 TO STA. 25+01.91

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
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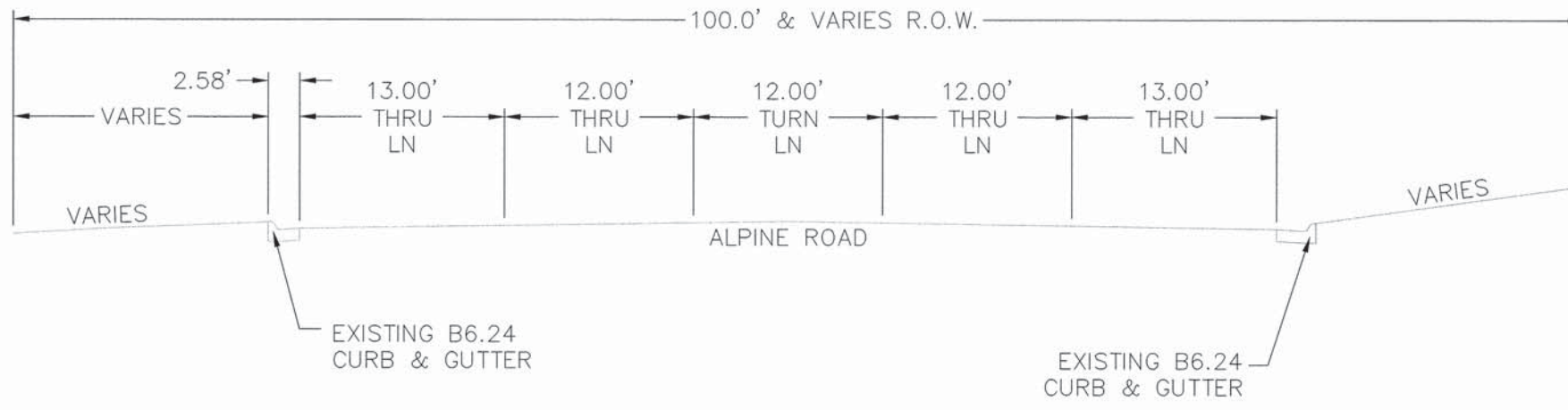
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F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ENGINEERS ARCHITECTS
1700 HUNTERS LANE, SUITE 100, LEBANON, IL 61839
TEL: 618/292-1000 FAX: 618/292-1001
WWW.MCMAGP.COM

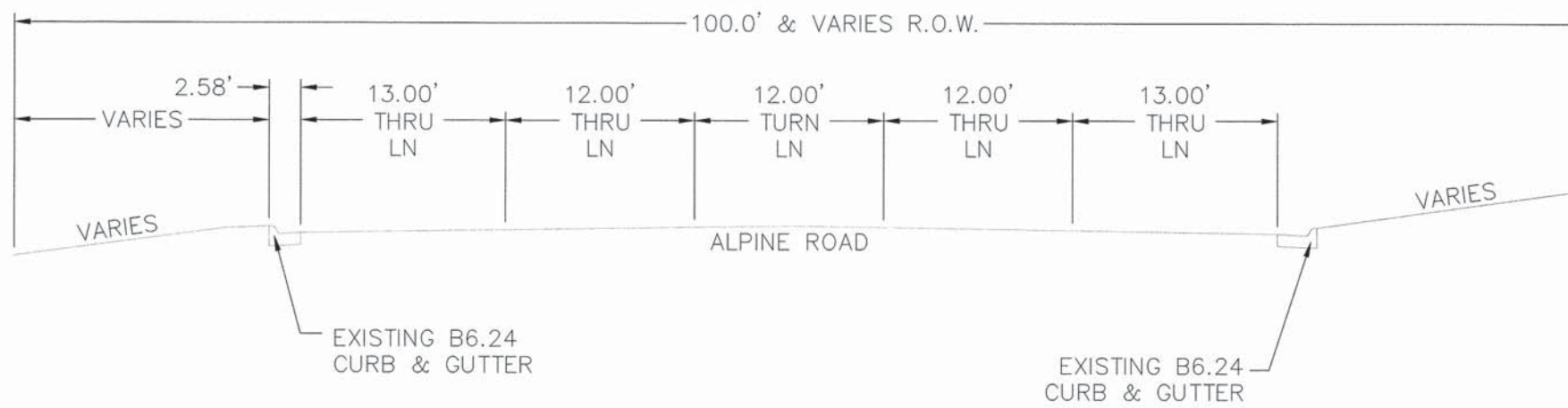
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NO.	DATE	REVISION
1	1/13/16	IDOT COMMENTS
2	4/18/16	IDOT COMMENTS



EXISTING TYPICAL SECTION

- STA. 25+01.91 TO STA. 28+64.19
- STA. 33+02.23 TO STA. 44+28.80
- STA. 48+07.08 TO STA. 55+88.79
- STA. 57+93.74 TO STA. 62+92.05
- STA. 63+98.17 TO STA. 69+93.61
- STA. 70+85.86 TO STA. 72+99.87



EXISTING TYPICAL SECTION

- STA. 28+64.19 TO STA. 33+02.23

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

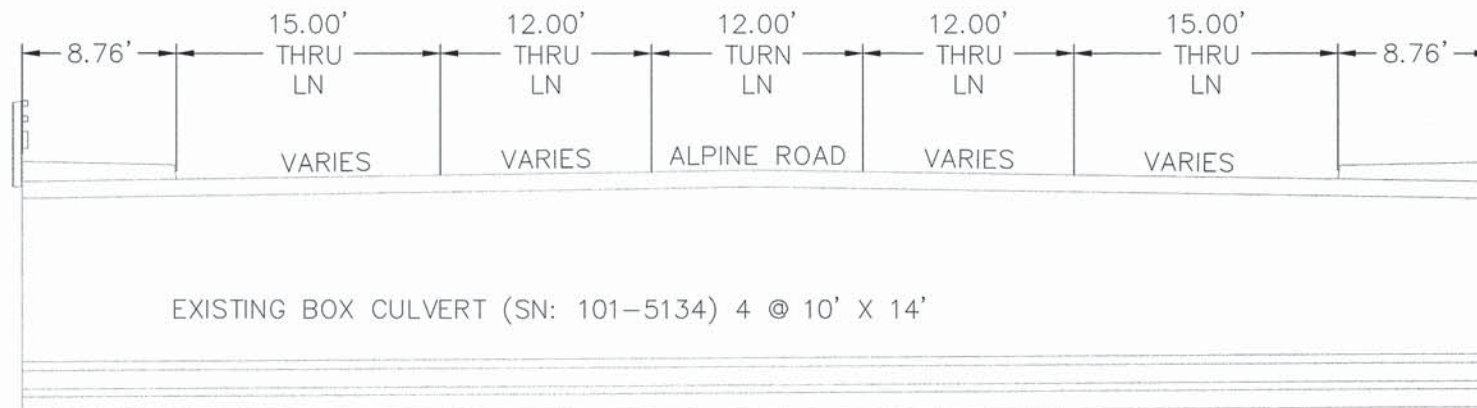
DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
1 : 5	
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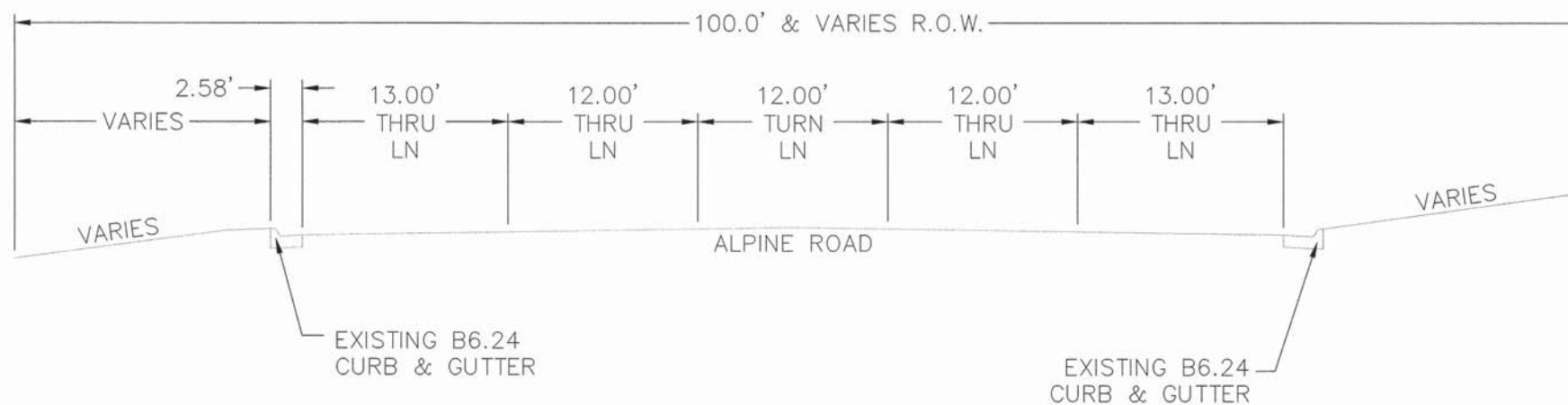
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EXISTING BOX CULVERT (SN: 101-5134) 4 @ 10' X 14'

EXISTING TYPICAL SECTION @ BRIDGE CROSSING

STA. 44+56.21 TO STA. 45+09.85 (WEST ϕ)
STA. 102+77.14 TO STA. 103+30.80 (EAST ϕ)



EXISTING TYPICAL SECTION

STA. 45+51.39 TO STA. 48+07.08
STA. 55+88.79 TO STA. 57+93.74
STA. 69+93.61 TO STA. 70+85.86

NO.	DATE	REASON
1	1/13/16	DOT COMMENTS
2	4/19/16	DOT COMMENTS

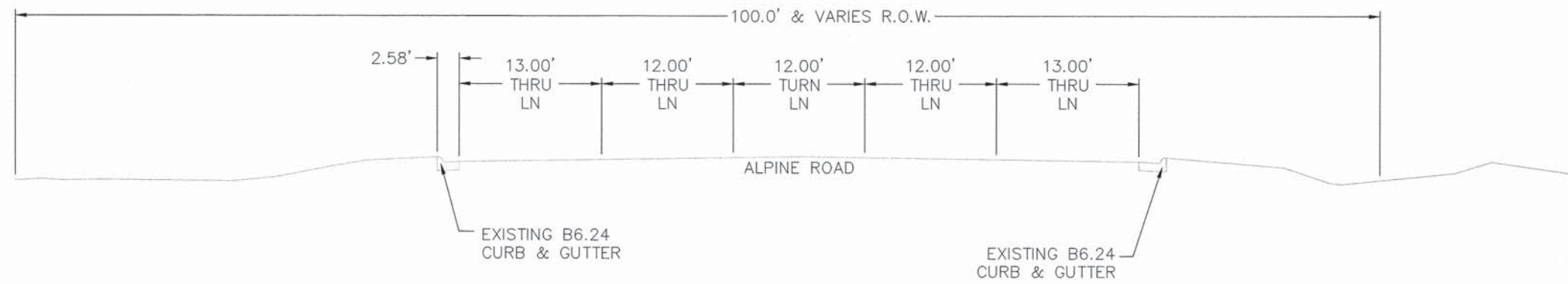
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

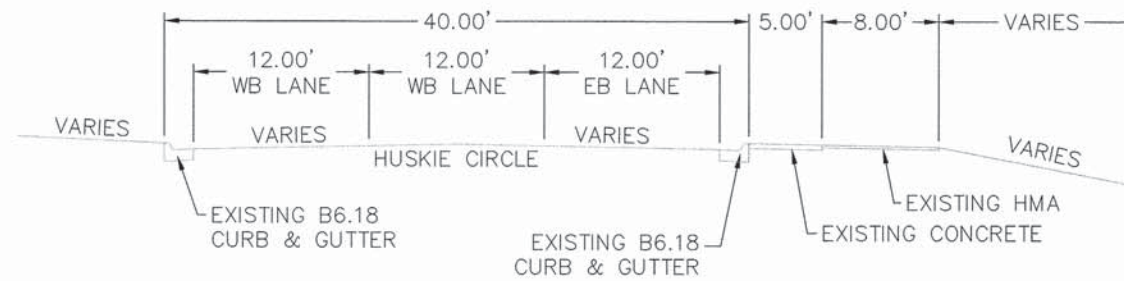
TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	9
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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EXISTING TYPICAL SECTION (PATH BUFFER < 5')
STA. 44+28.80 TO STA. 44+56.21
STA. 100+84.62 TO STA. 102+51.32



EXISTING TYPICAL SECTION
STA. 201+22.66 TO STA. 203+76.14

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/10/16	DOT COMMENTS

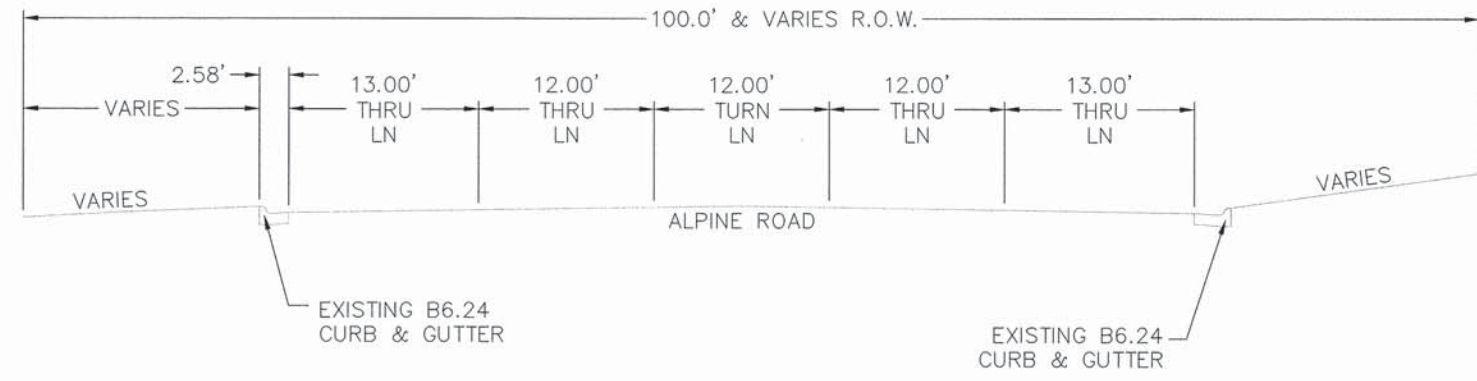
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
1 : 5	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	

TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	LB	10
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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EXISTING TYPICAL SECTION (PATH BUFFER < 5')

STA. 21+72.72 TO STA. 23+03.30
 STA. 45+09.76 TO STA. 45+51.39
 STA. 62+92.05 TO STA. 63+98.17

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NO.	DATE	REVISION
1	1/13/16	IDOT COMMENTS
2	4/18/16	IDOT COMMENTS

ALPINE ROAD SHARED-USE PATH
 VILLAGE OF MACHESNEY PARK
 TYPICAL SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 10	

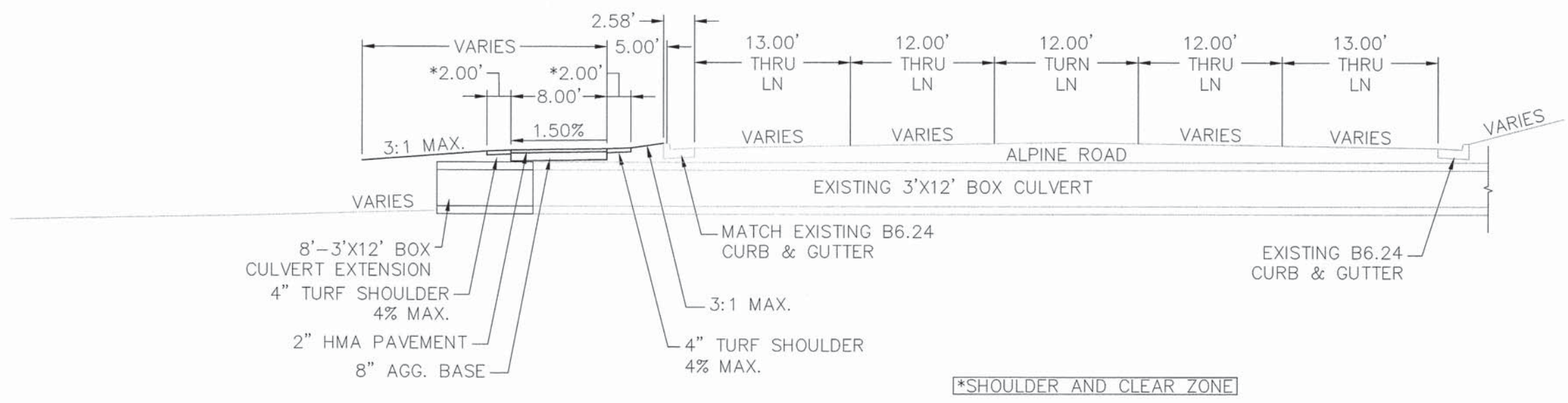
TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	11
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

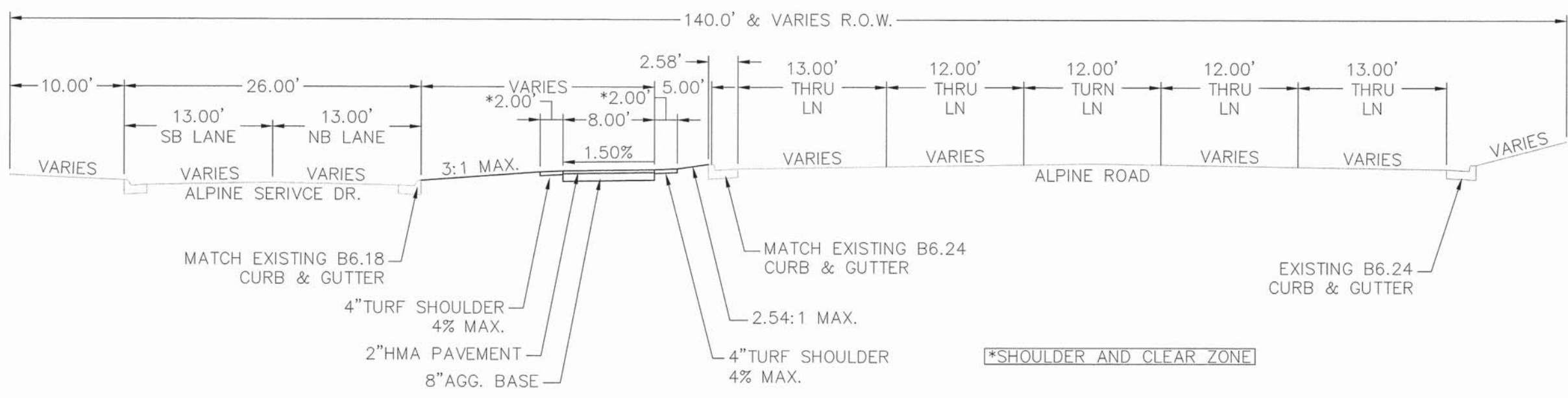
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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS



PROPOSED TYPICAL SECTION @ 3'x12' CULVERT
STA. 0+92.44 TO STA. 1+04.44



PROPOSED TYPICAL SECTION W/ SERVICE DRIVE
STA. 1+82.10 TO STA. 9+92.27
STA. 13+97.87 TO STA. 18+76.81

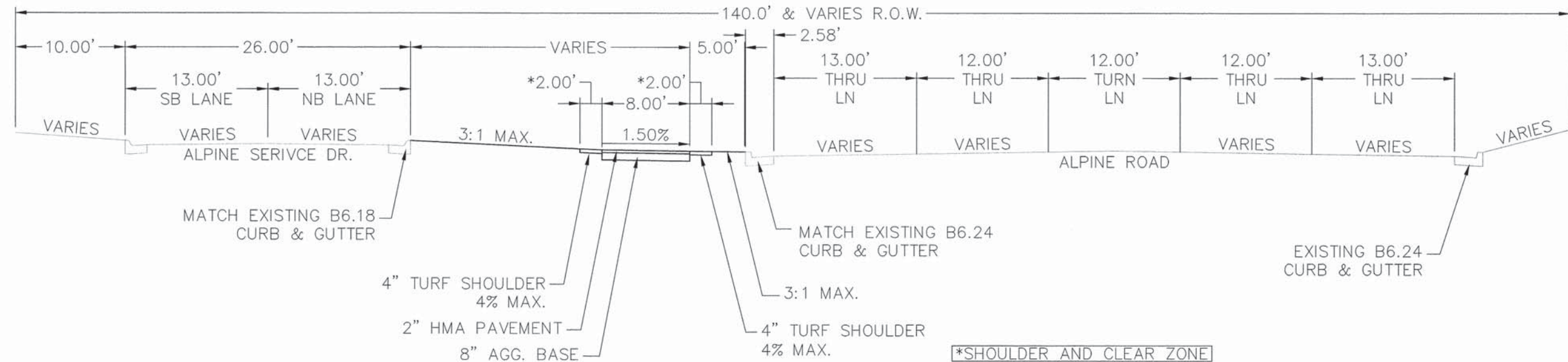
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

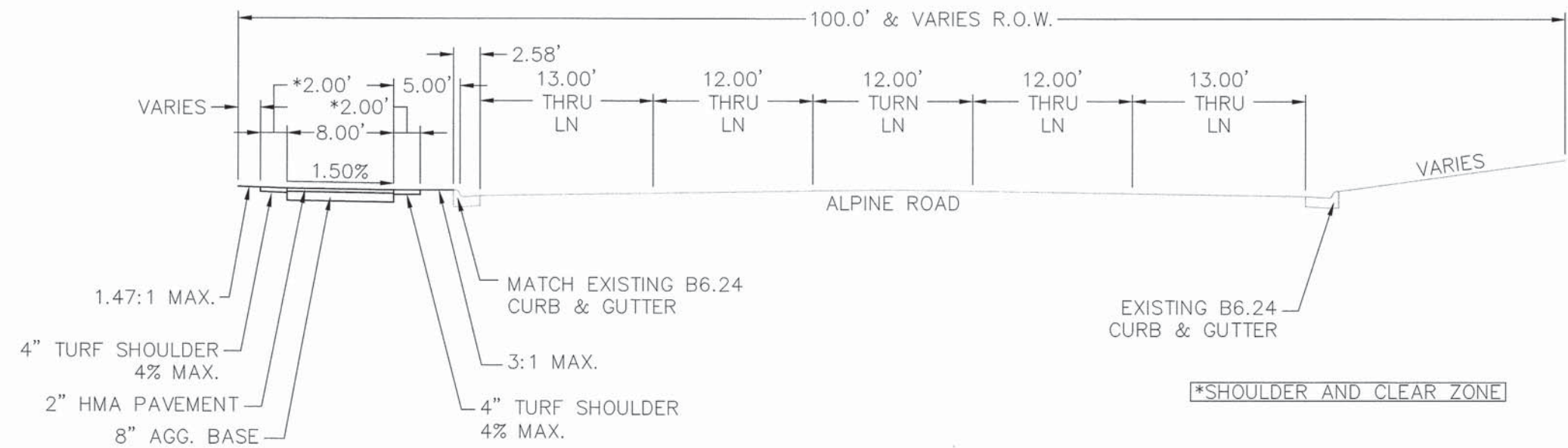
TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	12
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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PROPOSED TYPICAL SECTION W/ SERVICE DRIVE
STA. 9+92.27 TO STA. 13+97.87



PROPOSED TYPICAL SECTION
STA. 18+76.81 TO STA. 21+72.72
STA. 23+03.30 TO STA. 25+01.91

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NO.	DATE	REVISION
1	1/13/16	ISSUE COMMENTS
2	4/16/16	ISSUE COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

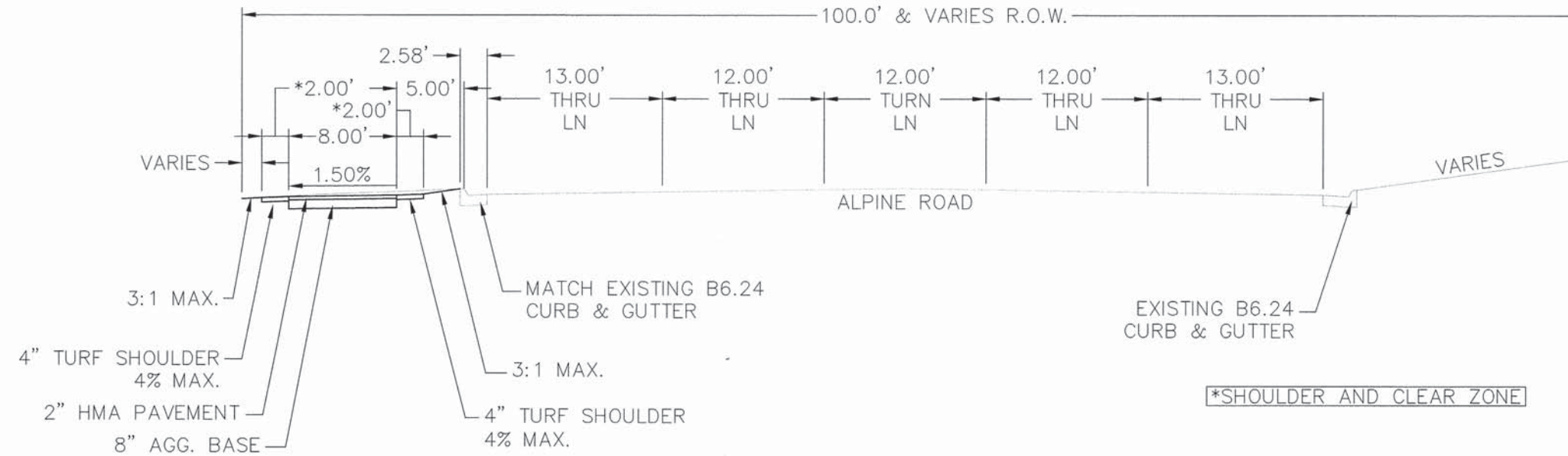
DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	13
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

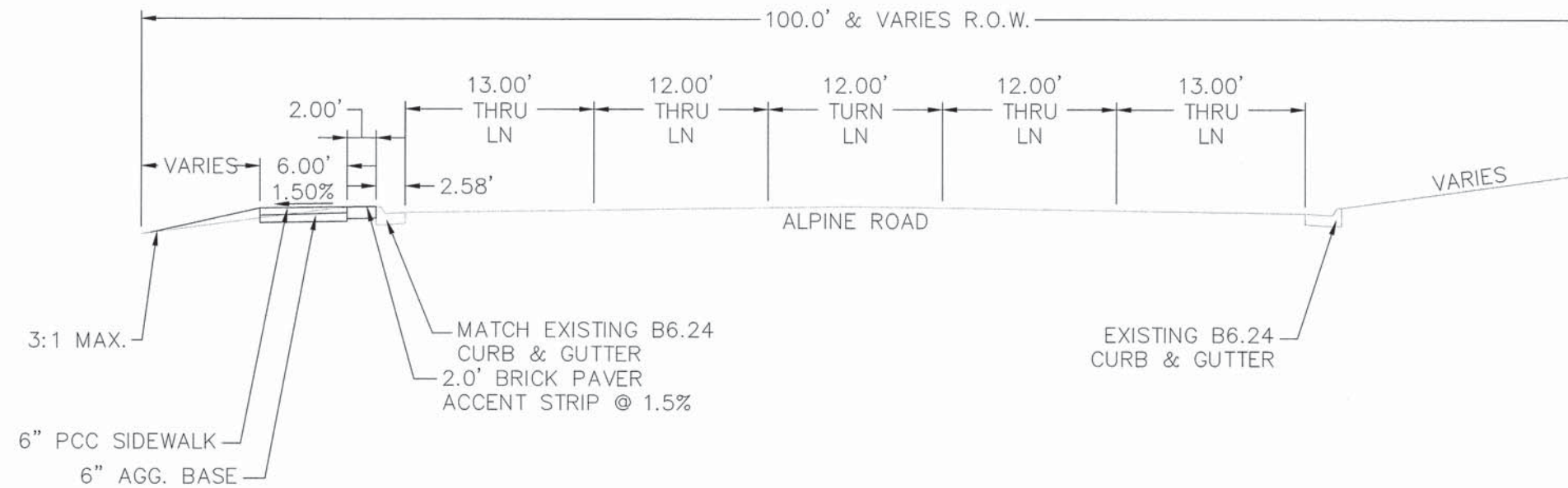
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PROPOSED TYPICAL SECTION

- STA. 25+01.91 TO STA. 28+64.19
- STA. 33+02.23 TO STA. 44+28.80
- STA. 48+07.08 TO STA. 55+88.79
- STA. 57+93.74 TO STA. 62+92.05
- STA. 63+98.17 TO STA. 69+93.61
- STA. 70+85.86 TO STA. 72+99.87



PROPOSED TYPICAL SECTION

- STA. 28+64.19 TO STA. 33+02.23

NO.	DATE	REVISION
1	1/12/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED: N.J.A.
DRAWN: J.J.D.

SCALE: 1 : 5

PROJECT NO. M0031-73-0135

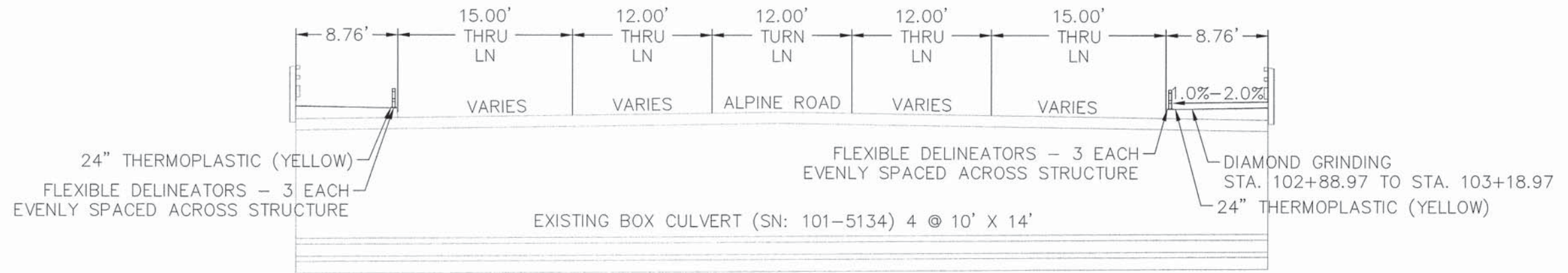
DATE: DEC. 16, 2015

SHEET NO.

TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

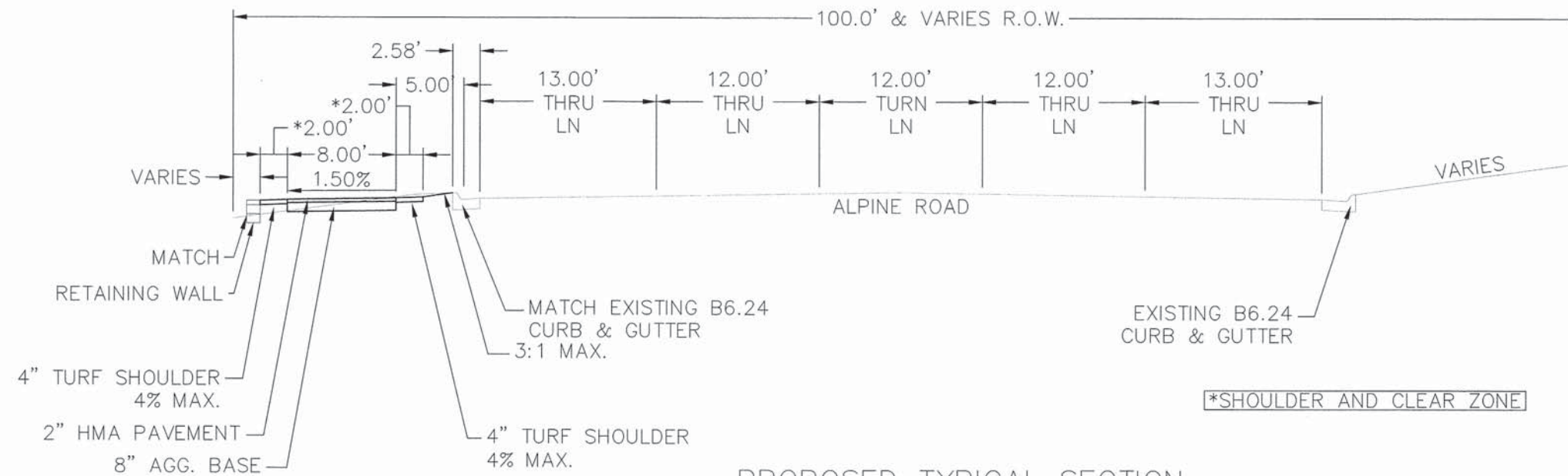
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	14
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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PROPOSED TYPICAL SECTION @ BRIDGE CROSSING

STA. 44+56.21 TO STA. 45+09.85 (WEST \mathcal{C})
STA. 102+77.14 TO STA. 103+30.80 (EAST \mathcal{C})



PROPOSED TYPICAL SECTION

STA. 45+51.39 TO STA. 48+07.08
STA. 55+88.79 TO STA. 57+93.74
STA. 69+93.61 TO STA. 70+85.86

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

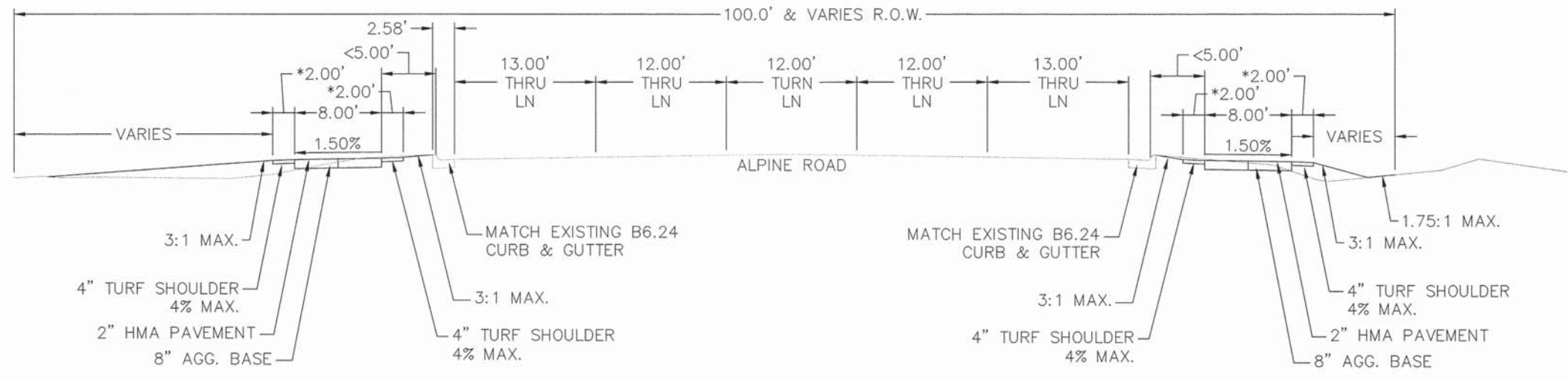
**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS**

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

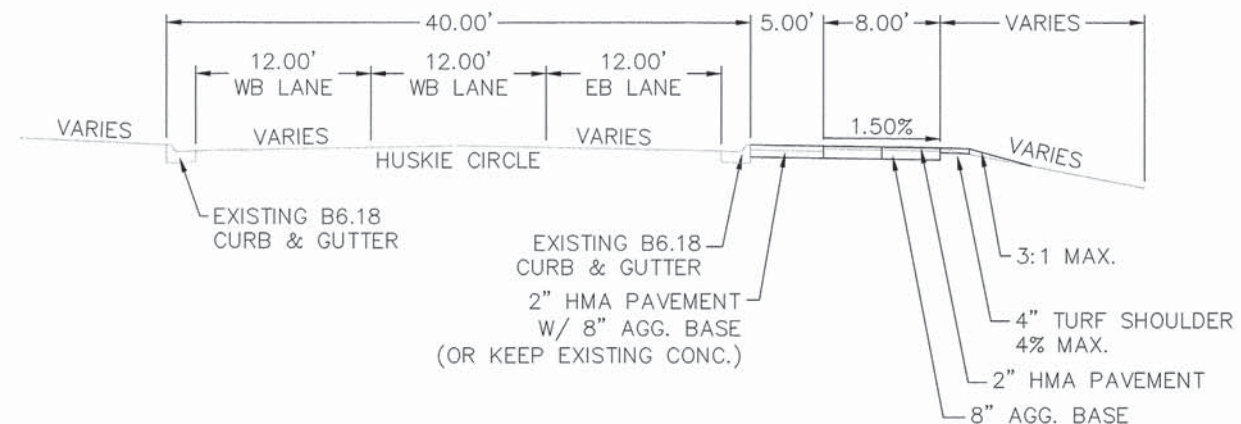
TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	15
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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PROPOSED TYPICAL SECTION (PATH BUFFER < 5')
STA. 44+28.80 TO STA. 44+56.21
STA. 100+84.62 TO STA. 102+51.32



PROPOSED TYPICAL SECTION
STA. 201+22.66 TO STA. 203+76.14

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

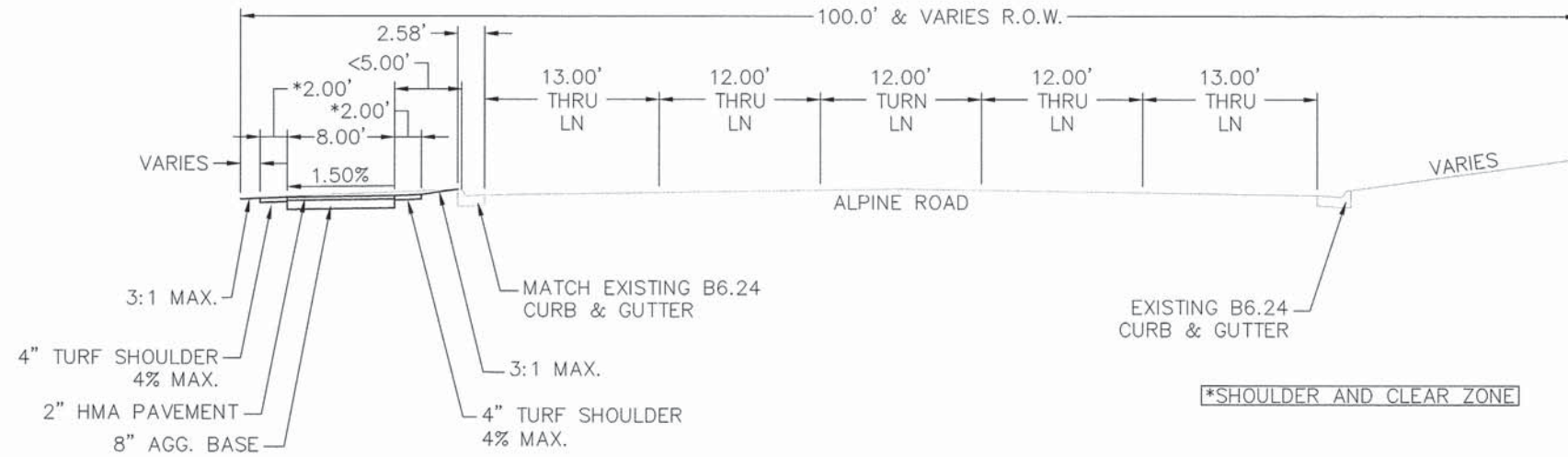
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	48	16
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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1150 S. WASHINGTON ST. SUITE 101
TULSA, OKLA. 74106
Tel: (918) 436-2600 Fax: (918) 436-9191
www.mcmap.com



PROPOSED TYPICAL SECTION (PATH BUFFER < 5')

STA. 21+72.72 TO STA. 23+03.30
 STA. 45+09.76 TO STA. 45+51.39
 STA. 62+92.05 TO STA. 63+98.17

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NO.	DATE	REVISION
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2	4/16/16	IDOT COMMENTS

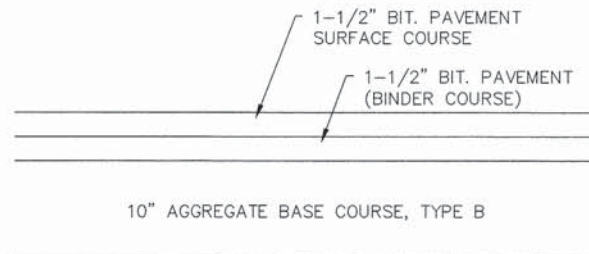
ALPINE ROAD SHARED-USE PATH
 VILLAGE OF MACHESNEY PARK
 TYPICAL SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

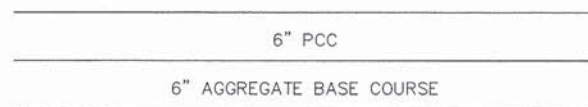
TYPICAL SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	48	17
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

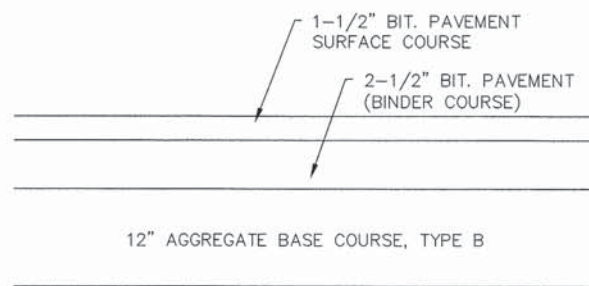
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MILWAUKEE, WI 53233
(414) 336-2000
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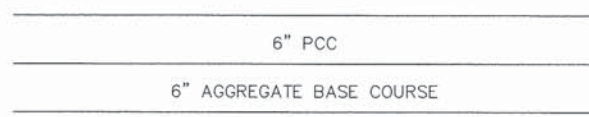
TYPICAL BIT. ROADWAY RESTORATION



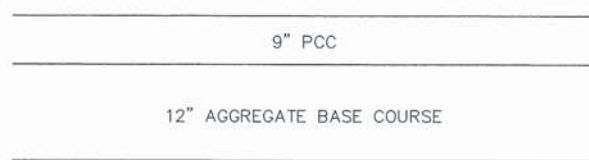
TYPICAL CONCRETE SIDEWALK



TYPICAL BIT. PAVEMENT RESTORATION (SCHOOL)



TYPICAL CONCRETE CURB RAMPS



TYPICAL PCC PAVEMENT RESTORATION (ROOSEVELT)

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NO.	DATE	REVISION
1	1/15/16	IDOT COMMENTS
2	4/16/16	IDOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TYPICAL SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
--------------------	-----------------

SCALE
NONE

PROJECT NO.
M0031-73-0135

DATE
DEC. 16, 2015

SHEET NO.

S.W.P.P.P. EROSION CONTROL NOTES / S.W.P.P.P. - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	18
PROJ. TE-0002(159) ILLINOIS			CONTRACT NO. 85632	

CONTACT INFORMATION:

OWNER: VILLAGE OF MACHESNEY PARK
300 MACHESNEY ROAD
MACHESNEY PARK, ILLINOIS 61115
ATTN: MR. CHAD HUNTER

PHONE: 815-877-5432

DESIGNER: McMAHON
1700 HUTCHINS ROAD
MACHESNEY PARK, ILLINOIS 61115
NICK ARPS, PROJECT ENGINEER
PHONE: 815-636-9590
EMAIL: narps@mcgrp.net

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THIS PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THE IMPROVEMENT PLANS, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED. THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN THE DETAILS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

CONSTRUCTION ACTIVITY SHALL CONSIST OF A SHARED-USE PATH ALONG THE WEST SIDE OF ALPINE ROAD FROM JUNIPER LANE TO STORYBOOK LANE, AND ALONG THE EAST SIDE OF ALPINE ROAD FROM MINNS DRIVE TO THE EXISTING WILLOW CREEK PATH SYSTEM ON THE HARLEM HIGH SCHOOL CAMPUS. IMPROVEMENTS WILL INCLUDE STORM SEWER, RETAINING WALLS, BOX CULVERT MODIFICATIONS, CURB & GUTTER, WATER VALVE & HYDRANT RELOCATIONS, UTILITY RELOCATIONS AND SOME TRAFFIC SIGNAL IMPROVEMENTS ALONG WITH ASSOCIATED GRADING & RESTORATION.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

1. PLACEMENT OF PERIMETER CONTROLS.
2. UTILITY RELOCATION, WATER RELOCATION, BOX CULVERT MODIFICATIONS, RETAINING WALL IMPROVEMENTS, STORM SEWER IMPROVEMENTS AND TREE REMOVAL.
3. CORE OUT FOR PATH ALONG WITH ASSOCIATED GRADING AND INTERSECTION IMPROVEMENTS.
4. TRAFFIC SIGNAL IMPROVEMENTS, PLACEMENT OF CURB & GUTTER @ INTERSECTIONS.
5. PLACEMENT OF REMAINING STONE BASE FOR INTERSECTIONS AND STONE BASE FOR PATH.
6. INSTALLATION OF CONCRETE CURB RAMPS WITH DETECTABLE WARNINGS.
7. PLACEMENT OF CONCRETE & HMA ROADWAY/PATH PAVEMENTS.
8. RESTORATION AND PAVEMENT MARKINGS.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 4.2 ACRES, ALL OF WHICH SHALL BE DISTURBED BY EXCAVATION, GRADING OR SOME OTHER TYPE OF CONSTRUCTION ACTIVITY.

SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOILS REPORTS, WINGS MAPPING, AND PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE:

ROCK RIVER / WILLOW CREEK

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

INLET PROTECTION AND SILT FENCE SHALL BE PLACED PRIOR TO BEGINNING CONSTRUCTION.

STABILIZATION PRACTICES DURING CONSTRUCTION:

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES SHALL BE MAINTAINED DURING CONSTRUCTION ACTIVITY.

MAINTENANCE AFTER FINAL GRADING:

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

BEST MANAGEMENT PRACTICES:

THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH ALL LOCAL AND/OR STATE OF ILLINOIS TECHNICAL STANDARDS. THE MINIMUM BEST MANAGEMENT PRACTICES SPECIFIED FOR THIS PROJECT ARE AS FOLLOWS:

- | | |
|--|---|
| <input type="checkbox"/> LAND APPLICATION OF POLYACRYLAMIDE | <input type="checkbox"/> DE-WATERING |
| <input type="checkbox"/> WATER APPLICATION OF POLYMERS | <input checked="" type="checkbox"/> DITCH CHECK |
| <input checked="" type="checkbox"/> NON-CHANNEL EROSION MAT | <input type="checkbox"/> SEDIMENT TRAP |
| <input type="checkbox"/> CHANNEL EROSION MAT | <input type="checkbox"/> SEDIMENT BASIN |
| <input checked="" type="checkbox"/> VEGETATIVE BUFFER | <input checked="" type="checkbox"/> RIP-RAP |
| <input type="checkbox"/> SEDIMENT BALE BARRIER | <input type="checkbox"/> CONSTRUCTION DIVERSION |
| <input checked="" type="checkbox"/> SILT FENCE | <input type="checkbox"/> GRADING PRACTICES |
| <input type="checkbox"/> TRACKING PAD & TIRE WASHING | <input type="checkbox"/> DUST CONTROL |
| <input type="checkbox"/> MULCHING | <input type="checkbox"/> TURBIDITY BARRIER |
| <input checked="" type="checkbox"/> SEEDING | <input type="checkbox"/> SILT CURTAIN |
| <input checked="" type="checkbox"/> STORM DRAIN INLET PROTECTION | |

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES AND IMPLEMENTING BEST MANAGEMENT PRACTICES TO DO THE FOLLOWING TO THE MAXIMUM EXTENT PRACTICABLE:

- PRESERVE EXISTING VEGETATION WHERE POSSIBLE. TEMPORARILY STABILIZE EXPOSED SOILS THAT WILL NOT BE ACTIVE FOR 30 DAYS OR MORE. POLYACRYLAMIDE, MULCHING, SEEDING, AND GRAVELING MAY BE USED TO TEMPORARILY STABILIZE EXPOSED SOILS.
- MINIMIZE THE AMOUNT OF SOIL EXPOSED AT ANY ONE TIME.
- PROTECT INLETS FROM RECEIVING SEDIMENT WITH STORM DRAIN INLET PROTECTION.
- PREVENT TRACKING OF SEDIMENT ONTO ROADS AND PAVED SURFACES USING TRACKING PADS AND/OR TIRE WASHING. MINIMIZE TRACKING AT ALL SITE EXITS AND ENTRANCES.
- CLEANUP OFFSITE SEDIMENT DEPOSITS AT THE END OF EACH WORK DAY & BEFORE A RAIN.
- MANAGE THE USE, STORAGE, AND DISPOSAL OF CHEMICALS, CEMENT, AND OTHER COMPOUNDS AND MATERIALS TO PREVENT THEIR DISCHARGE INTO THE DRAINAGE SYSTEM.
- PERMANENTLY STABILIZE EXPOSED SOILS WITH NON-CHANNEL EROSION MAT, MULCHING, AND SEEDING AS SOON AS POSSIBLE.
- CONTROL AND MINIMIZE DUST FROM VEHICULAR TRAFFIC AND WIND EROSION. PRESERVING VEGETATION, MULCHING, SEEDING, WATERING, GRADING PRACTICES, POLYACRYLAMIDE, SOIL STABILIZERS, CHLORIDES, AND BARRIERS MAY BE USED FOR DUST CONTROL.

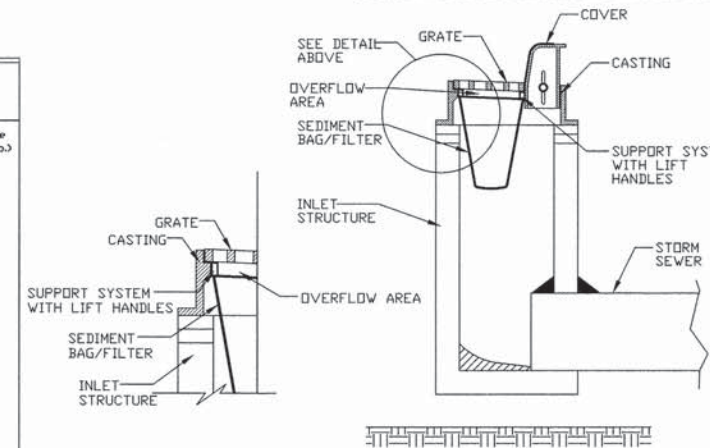
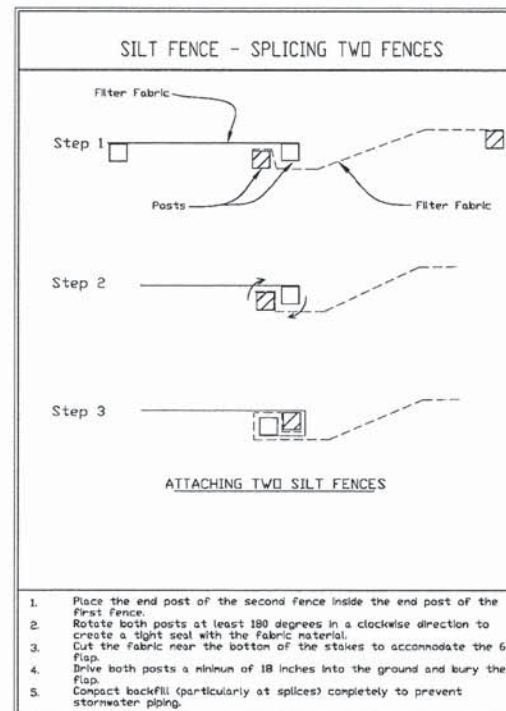
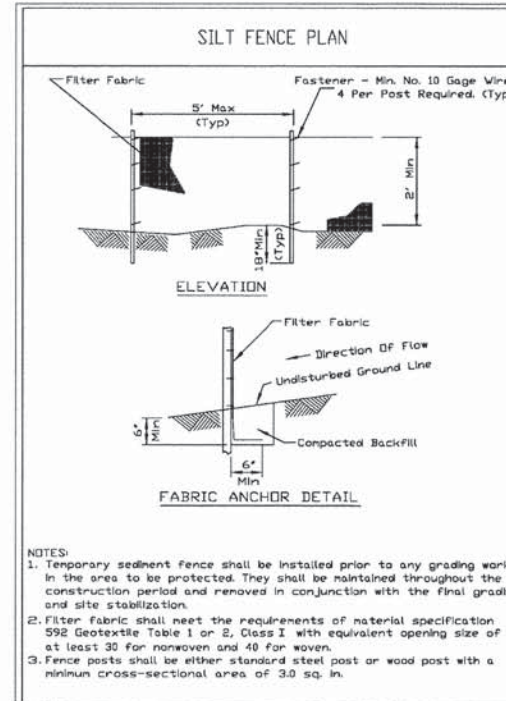
THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING BEST MANAGEMENT PRACTICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES BY THE END OF THE WORK DAY. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING BEST MANAGEMENT PRACTICES TEMPORARILY REMOVED FOR CONSTRUCTION ACTIVITY AS SOON AS THOSE ACTIVITIES ARE COMPLETED. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF TEMPORARY BEST MANAGEMENT PRACTICES AFTER CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION IS ESTABLISHED.

INSPECTION & MAINTENANCE:

THE RESIDENT ENGINEER IS RESPONSIBLE FOR INSPECTING BEST MANAGEMENT PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. WRITTEN DOCUMENTATION OF EACH INSPECTION SHALL BE KEPT AT THE CONSTRUCTION SITE AND SHALL INCLUDE THE FOLLOWING INFORMATION: DATE, TIME, AND LOCATION OF INSPECTION; NAME OF INDIVIDUAL WHO PERFORMED THE INSPECTION; AN ASSESSMENT OF THE CONDITION OF BEST MANAGEMENT PRACTICES; A DESCRIPTION OF ANY BEST MANAGEMENT PRACTICE IMPLEMENTATION AND MAINTENANCE PERFORMED; AND A DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, REPAIRING, OR REPLACING BEST MANAGEMENT PRACTICES AS NECESSARY WITHIN 24 HOURS OF AN INSPECTION OR NOTIFICATION. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING, MAINTAINING, REPAIRING, OR REPLACING BEST MANAGEMENT PRACTICES UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY IS COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED WITH A DENSITY OF AT LEAST 70%.

AMENDMENTS:

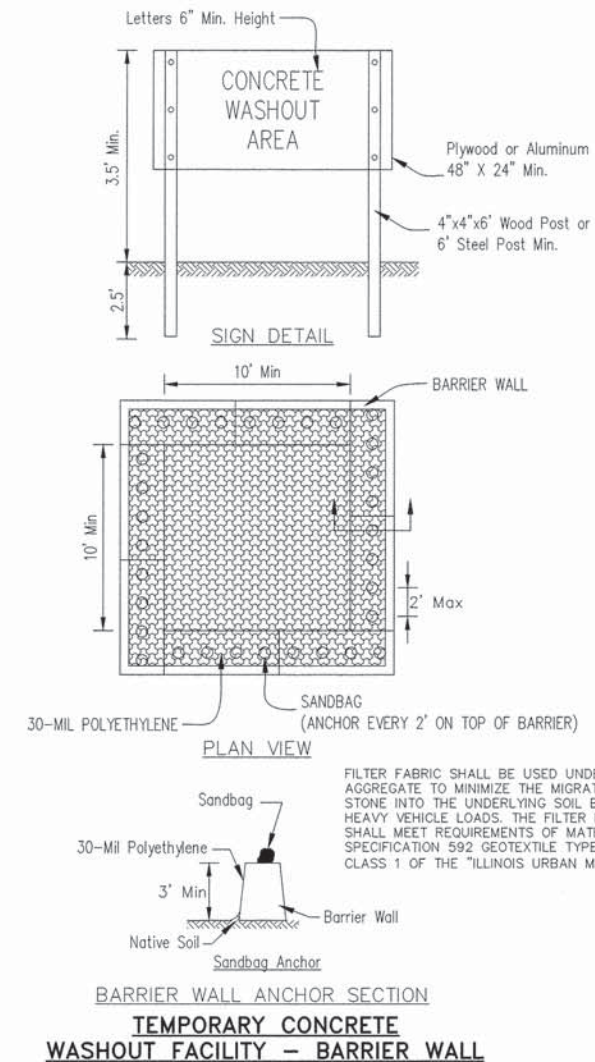
THE RESIDENT ENGINEER IS RESPONSIBLE FOR AMENDING THE EROSION & SEDIMENT CONTROL PLAN IF: THERE IS A CHANGE IN CONSTRUCTION, OPERATION, OR MAINTENANCE AT THE SITE WHICH HAS THE REASONABLE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS; THE ACTIONS REQUIRED BY THE PLAN FAIL TO REDUCE THE IMPACTS OF POLLUTANTS CARRIED BY CONSTRUCTION SITE RUNOFF. THE VILLAGE SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO MAKING CHANGES TO THE PLAN.



INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION

NOTES:

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



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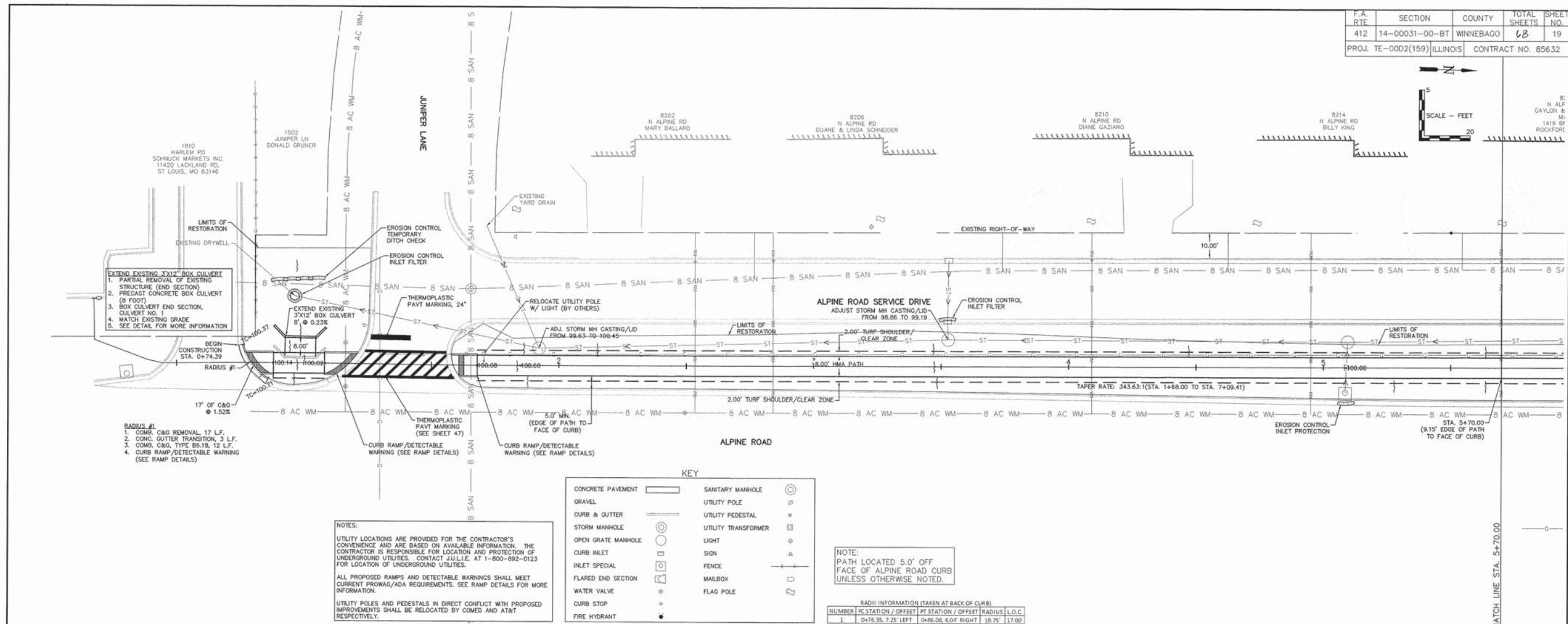
NO.	DATE	REVISION	ISSUE COMMENTS	ISSUE COMMENTS
1	1/17/16			
2	4/18/16			

ALPINE ROAD SHARED-USE PATH VILLAGE OF MACHESNEY PARK EROSION CONTROL NOTES - S.W.P.P.P.

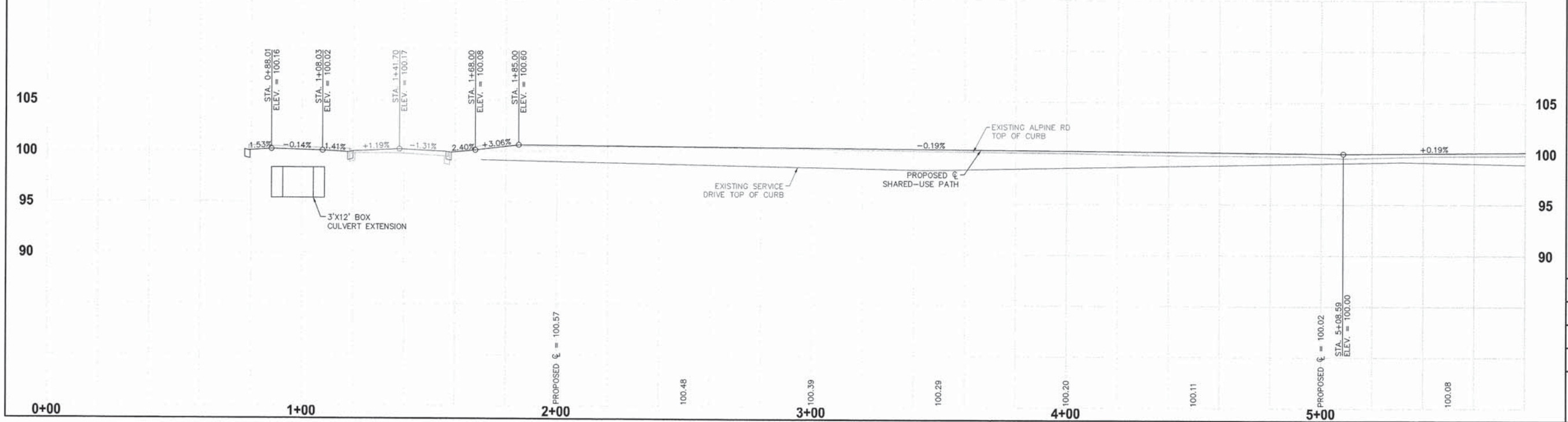
DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE NONE	
PROJECT NO. MO031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 18	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	63	19
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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ALPINE ROAD - SECTION NO. 14-00031-00-BT



ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 20' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 19	

F.A. RTF	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	48	20
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED
N.J.A.

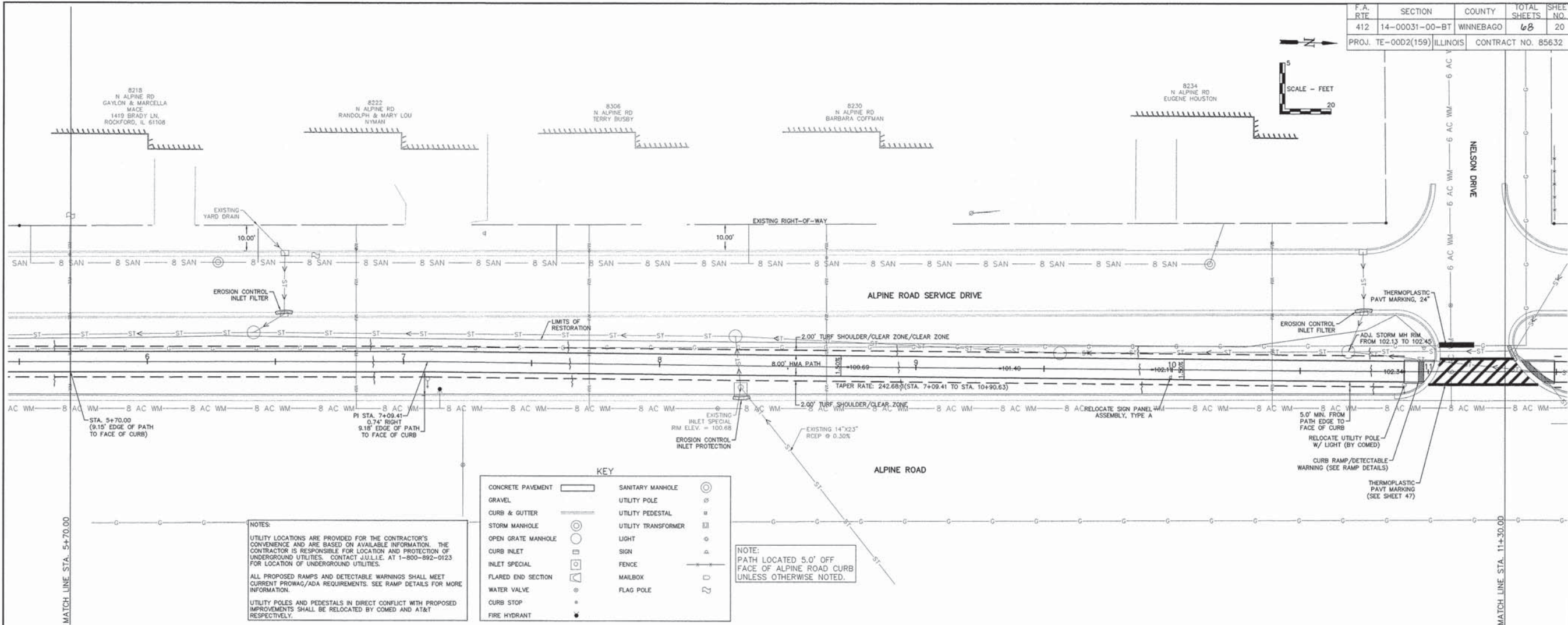
DRAWN
J.J.D.

SCALE
HORIZ. 1" = 20'
VERT. 1" = 20'

PROJECT NO.
M0031-73-0135

DATE
DEC. 16, 2015

SHEET NO.
20



KEY

CONCRETE PAVEMENT	SANITARY MANHOLE
GRAVEL	UTILITY POLE
CURB & GUTTER	UTILITY PEDESTAL
STORM MANHOLE	UTILITY TRANSFORMER
OPEN GRATE MANHOLE	LIGHT
CURB INLET	SIGN
INLET SPECIAL	FENCE
FLARED END SECTION	MAILBOX
WATER VALVE	FLAG POLE
CURB STOP	
FIRE HYDRANT	

NOTES

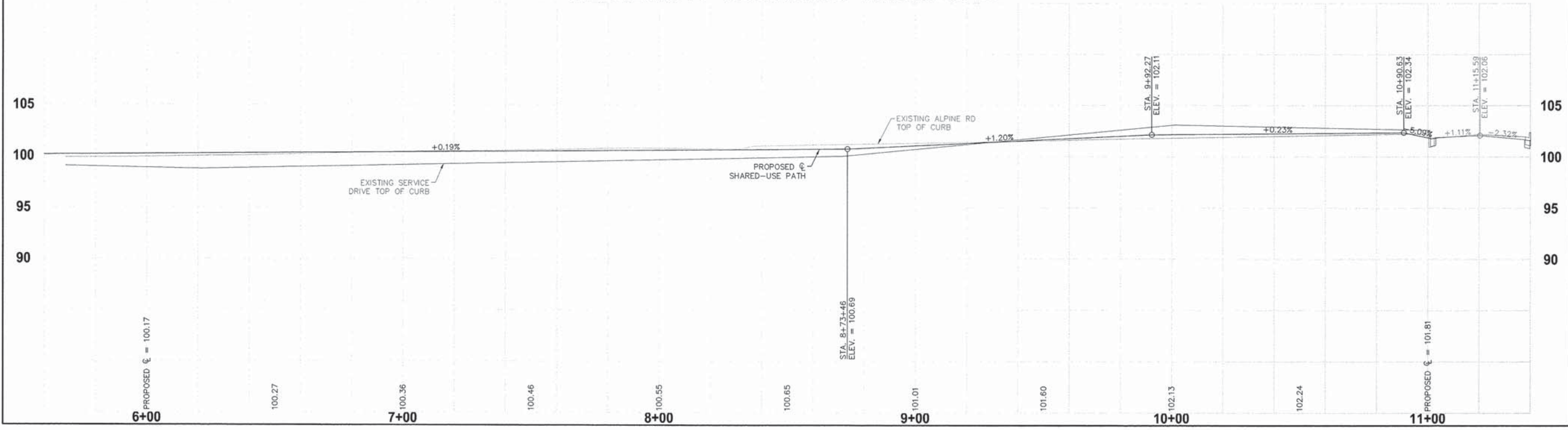
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ALL PROPOSED RAMPS AND DETECTABLE WARNINGS SHALL MEET CURRENT PROWAG/ADA REQUIREMENTS. SEE RAMP DETAILS FOR MORE INFORMATION.

UTILITY POLES AND PEDESTALS IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY COMED AND AT&T RESPECTIVELY.

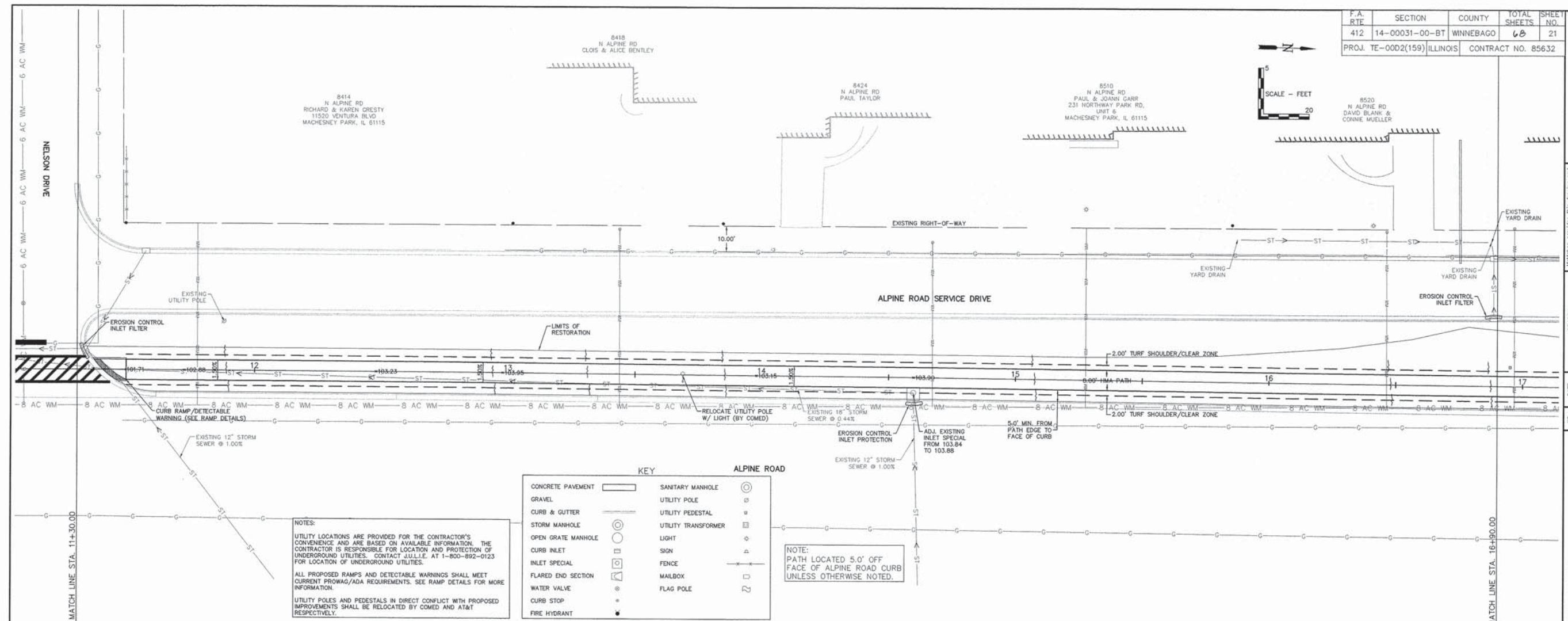
NOTE:
PATH LOCATED 5.0' OFF
FACE OF ALPINE ROAD CURB
UNLESS OTHERWISE NOTED.

ALPINE ROAD - SECTION NO. 14-00031-00-BT

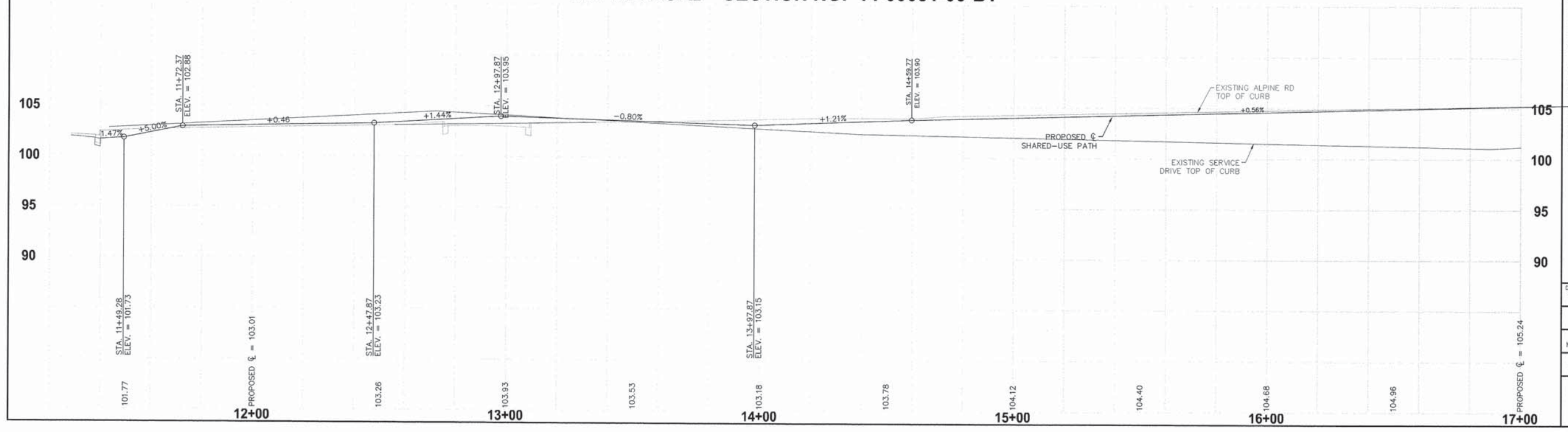


F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	21
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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www.mcmahon.com



ALPINE ROAD - SECTION NO. 14-00031-00-BT

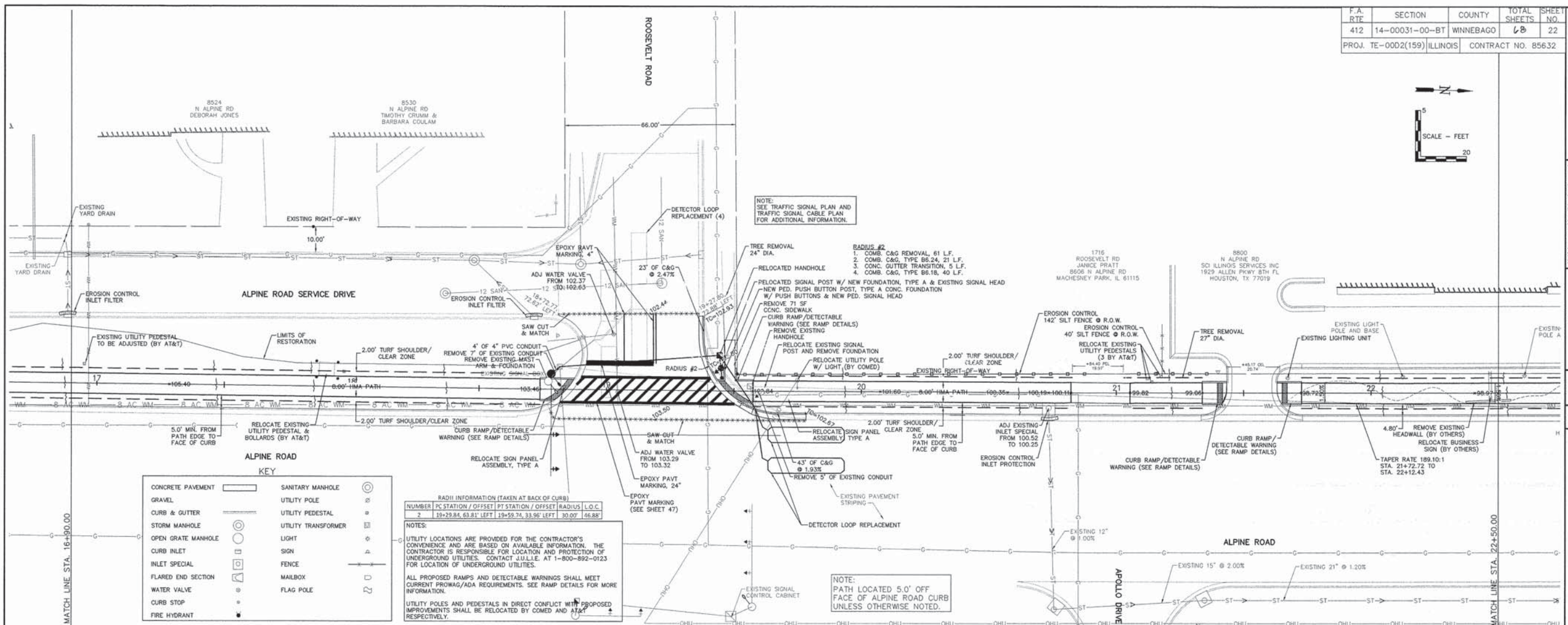
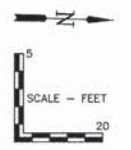


ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 20'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	
21	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	22
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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 TEL: (815) 636-6500 FAX: (815) 636-6501
 WWW.MCMAG.COM



KEY

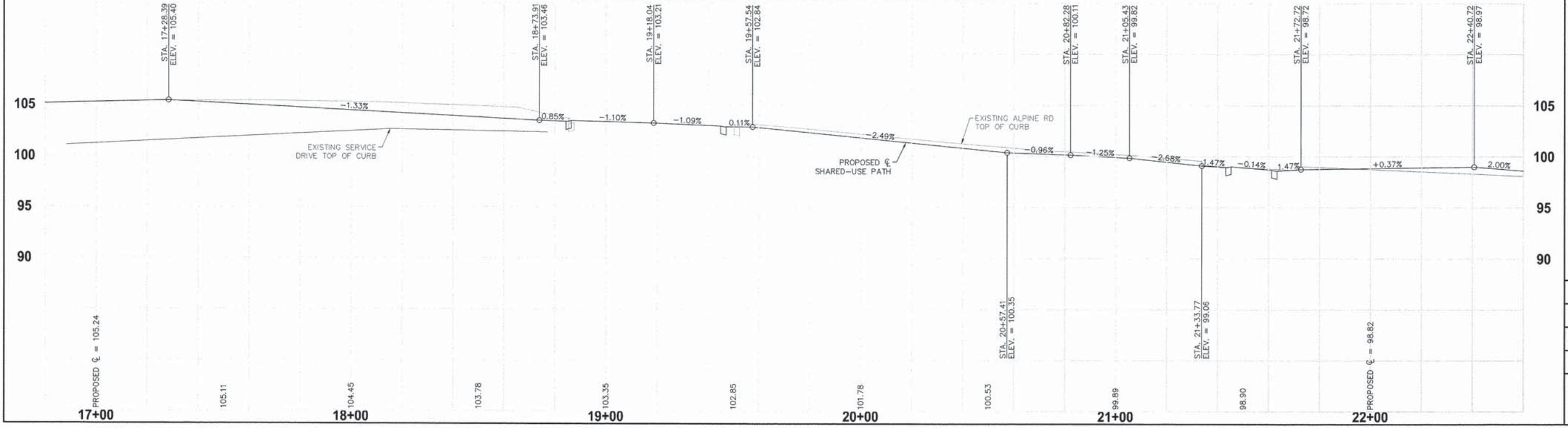
CONCRETE PAVEMENT	SANITARY MANHOLE
GRAVEL	UTILITY POLE
CURB & GUTTER	UTILITY PEDESTAL
STORM MANHOLE	UTILITY TRANSFORMER
CURB INLET	LIGHT
INLET SPECIAL	SIGN
FLARED END SECTION	FENCE
WATER VALVE	MAILBOX
CURB STOP	FLAG POLE
FIRE HYDRANT	

RADIUS INFORMATION (TAKEN AT BACK OF CURB)

NUMBER	PC STATION / OFFSET	PT STATION / OFFSET	RADIUS	L.O.C.
1	19+29.84, 63.81' LEFT	19+59.74, 33.96' LEFT	30.00'	46.88'

NOTES:
 UTILITY LOCATIONS ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE AND ARE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATION AND PROTECTION OF UNDERGROUND UTILITIES. CONTACT J.U.L.L.E. AT 1-800-892-0123 FOR LOCATION OF UNDERGROUND UTILITIES.
 ALL PROPOSED RAMP AND DETECTABLE WARNINGS SHALL MEET CURRENT PROWAG/ADA REQUIREMENTS. SEE RAMP DETAILS FOR MORE INFORMATION.
 UTILITY POLES AND PEDESTALS IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY COMED AND AT&T, RESPECTIVELY.

ALPINE ROAD - SECTION NO. 14-00031-00-BT



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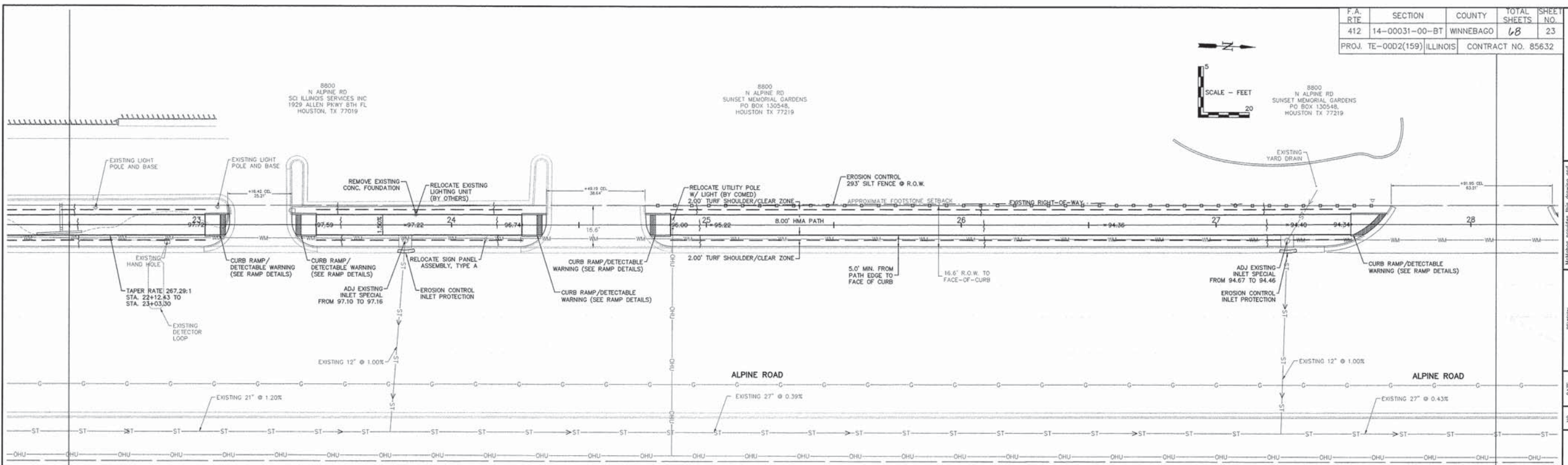
NO.	DATE	REVISION	COMMENTS
1	1/13/16		DOT COMMENTS
2	4/16/16		DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 20'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	
22	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	23
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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www.mahon.com



KEY

CONCRETE PAVEMENT	○	SANITARY MANHOLE	⊙
GRAVEL	□	UTILITY POLE	●
CURB & GUTTER	—	UTILITY PEDESTAL	⊙
STORM MANHOLE	⊙	UTILITY TRANSFORMER	⊠
OPEN GRATE MANHOLE	⊙	LIGHT	⊙
CURB INLET	⊙	SIGN	⊙
INLET SPECIAL	⊙	FENCE	—
FLARED END SECTION	⊙	MAILBOX	⊙
WATER VALVE	⊙	FLAG POLE	⊙
CURB STOP	⊙		
FIRE HYDRANT	⊙		

NOTES:

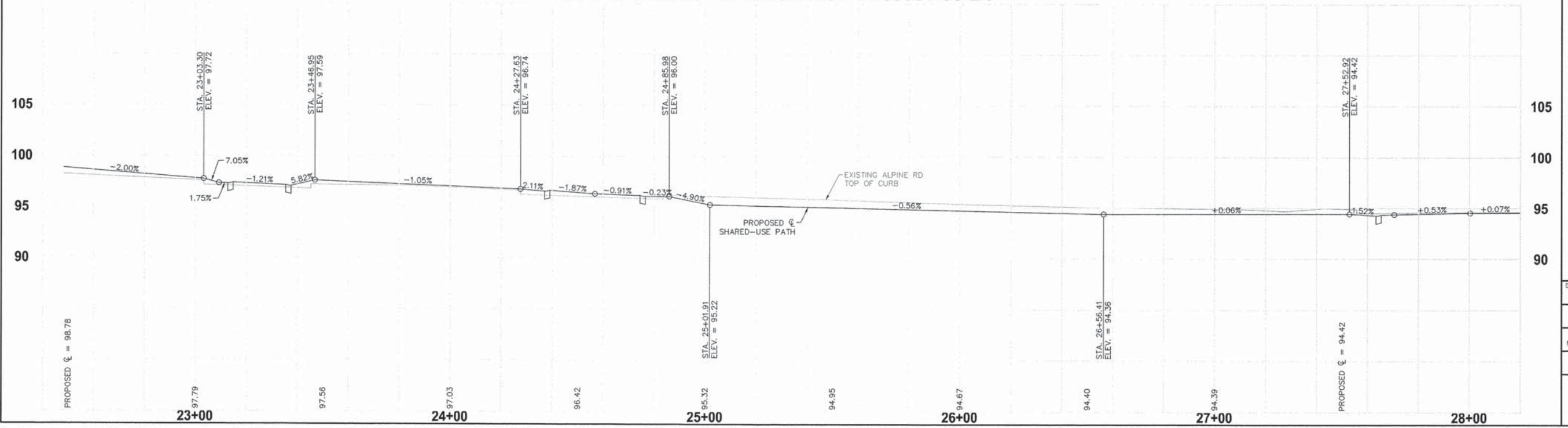
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ALL PROPOSED RAMPS AND DETECTABLE WARNINGS SHALL MEET CURRENT PROWAG/ADA REQUIREMENTS. SEE RAMP DETAILS FOR MORE INFORMATION.

UTILITY POLES AND PEDESTALS IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY COMED AND AT&T RESPECTIVELY.

NOTE:
PATH LOCATED 5.0' OFF FACE OF ALPINE ROAD CURB UNLESS OTHERWISE NOTED.

ALPINE ROAD - SECTION NO. 14-00031-00-BT

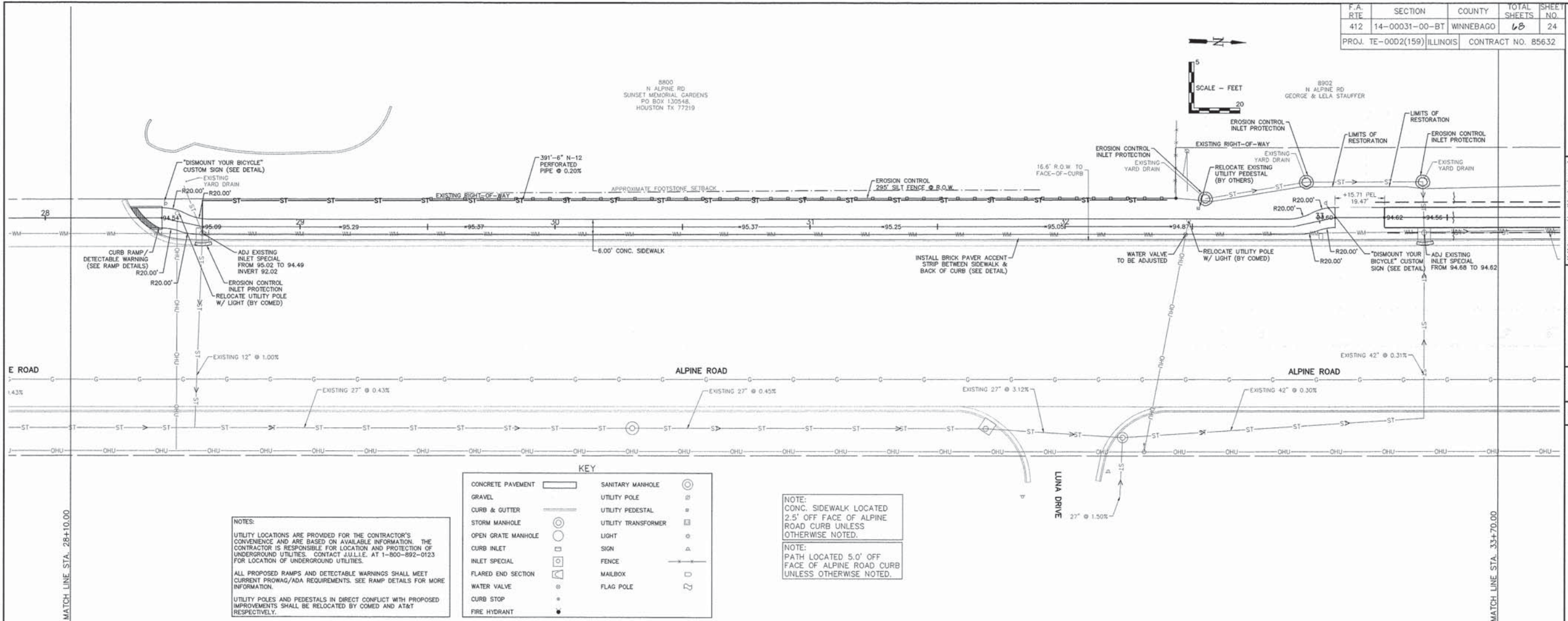


ALPINE ROAD RECREATION PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 20'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	
23	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	24
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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1700 HURON ROAD, MACHESNEY PARK, IL 61115
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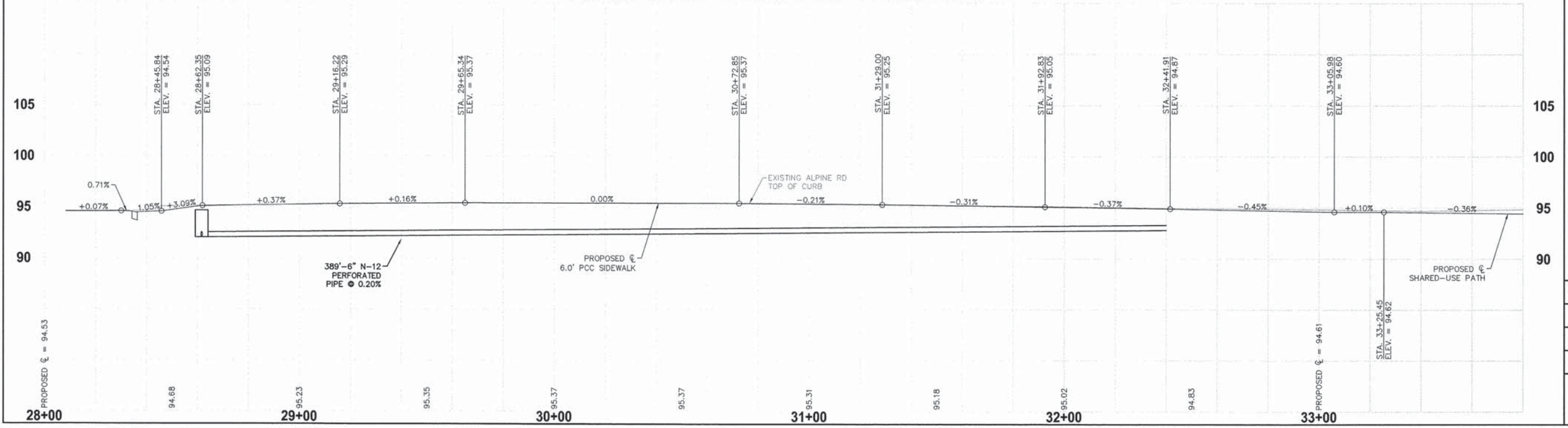
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UTILITY POLES AND PEDESTALS IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY COMED AND AT&T RESPECTIVELY.

KEY

CONCRETE PAVEMENT		SANITARY MANHOLE	
GRAVEL		UTILITY POLE	
CURB & GUTTER		UTILITY PEDESTAL	
STORM MANHOLE		UTILITY TRANSFORMER	
OPEN GRATE MANHOLE		LIGHT	
CURB INLET		SIGN	
INLET SPECIAL		FENCE	
FLARED END SECTION		MAILBOX	
WATER VALVE		FLAG POLE	
CURB STOP			
FIRE HYDRANT			

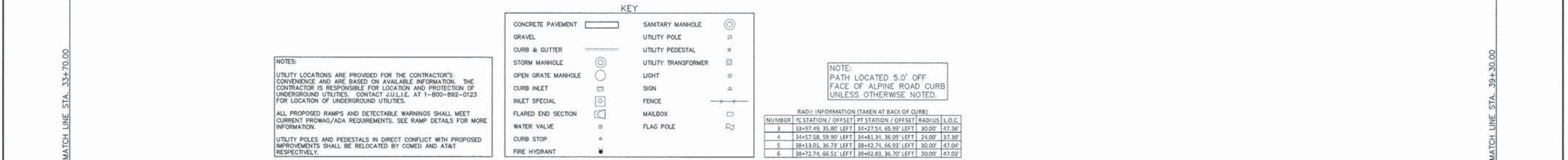
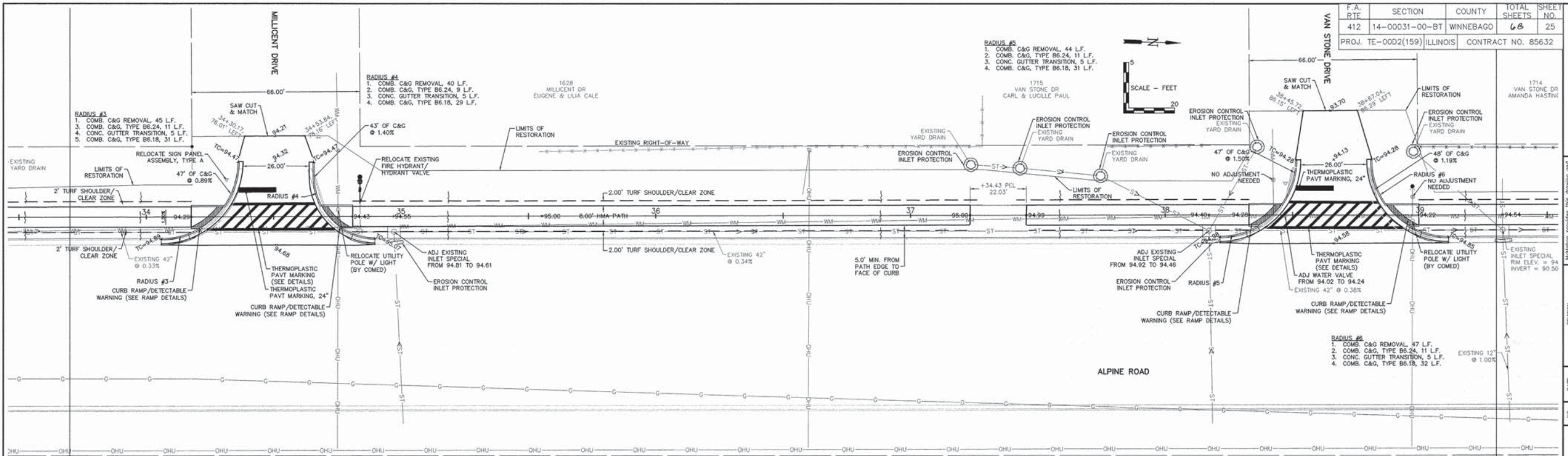
NOTE:
CONC. SIDEWALK LOCATED 2.5' OFF FACE OF ALPINE ROAD CURB UNLESS OTHERWISE NOTED.
NOTE:
PATH LOCATED 5.0' OFF FACE OF ALPINE ROAD CURB UNLESS OTHERWISE NOTED.

ALPINE ROAD - SECTION NO. 14-00031-00-BT



ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 20'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	



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F.A. RTF	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	25

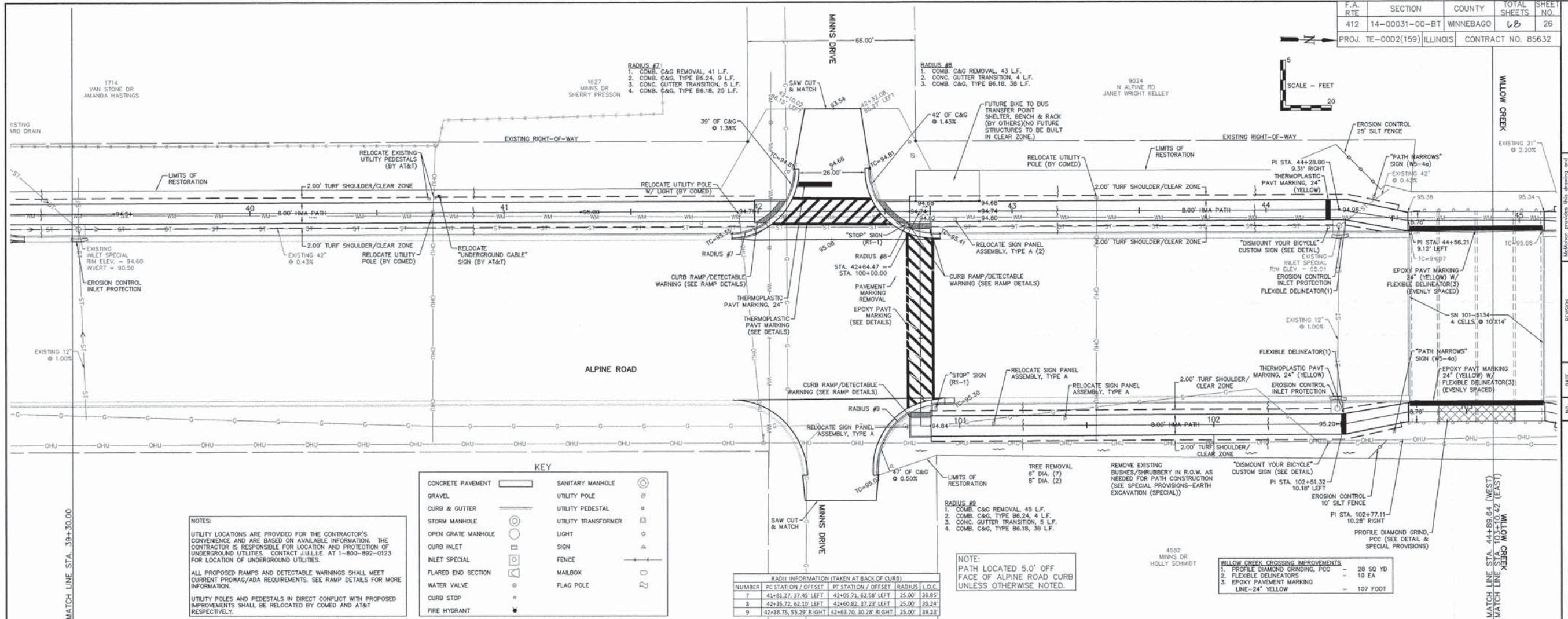
PROJ. TE-00D2(159) ILLINOIS CONTRACT NO. 85632

1714 VAN STONE DR
AMANDA HASTING

REVISION

NO.	DATE	DESCRIPTION
1	1/13/16	ROOT COMMENTS
2	4/18/16	ROOT COMMENTS

DESIGNED: N.J.A. DRAWN: J.J.D.
SCALE: HORIZ. 1" = 40' VERT. 1" = 8'
PROJECT NO. M0031-73-0135
DATE: DEC. 16, 2015
SHEET NO. 25



KEY

CONCRETE PAVEMENT	SANITARY MANHOLE
GRAVEL	UTILITY POLE
CURB & GUTTER	UTILITY PEDESTAL
STORM MANHOLE	UTILITY TRANSFORMER
OPEN GRATE MANHOLE	LIGHT
CURB INLET	SIGN
INLET SPECIAL	FENCE
FLARED END SECTION	MAILBOX
WATER VALVE	FLAG POLE
CURB STOP	
FIRE HYDRANT	

RADIUS INFORMATION (TAKEN AT BACK OF CURB)

NUMBER	PC STATION / OFFSET	PT STATION / OFFSET	RADIUS	L.O.C.
7	41+81.27, 37.45' LEFT	42+05.71, 62.58' LEFT	25.00'	38.85'
8	42+35.72, 62.10' LEFT	42+60.82, 37.23' LEFT	25.00'	39.24'
9	42+38.75, 55.29' RIGHT	42+63.70, 30.28' RIGHT	25.00'	39.23'

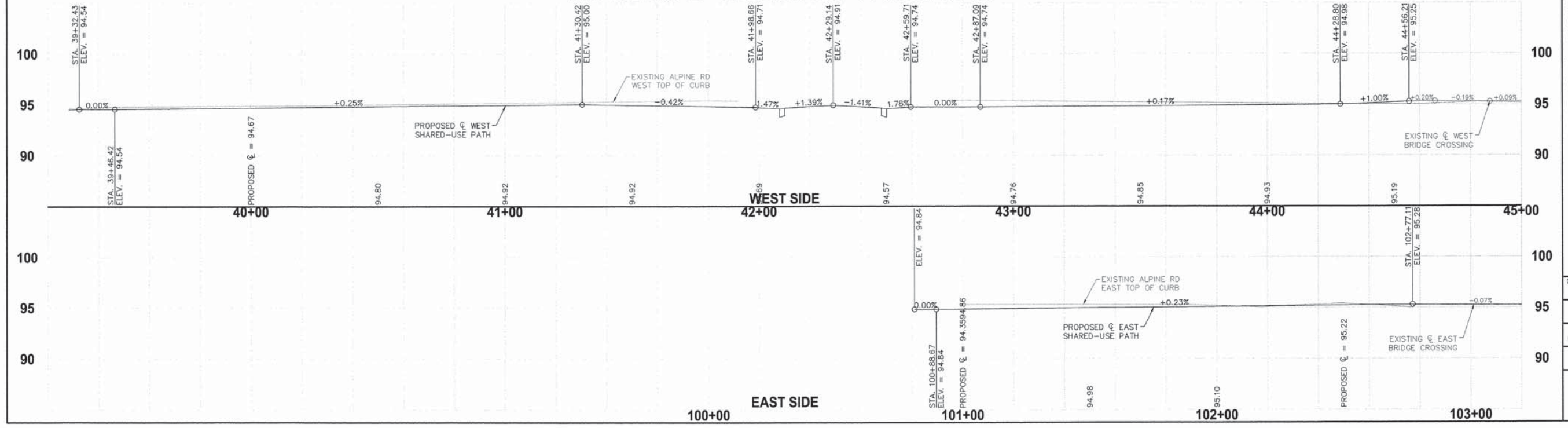
NOTES:

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ALPINE ROAD - SECTION NO. 14-00031-00-BT



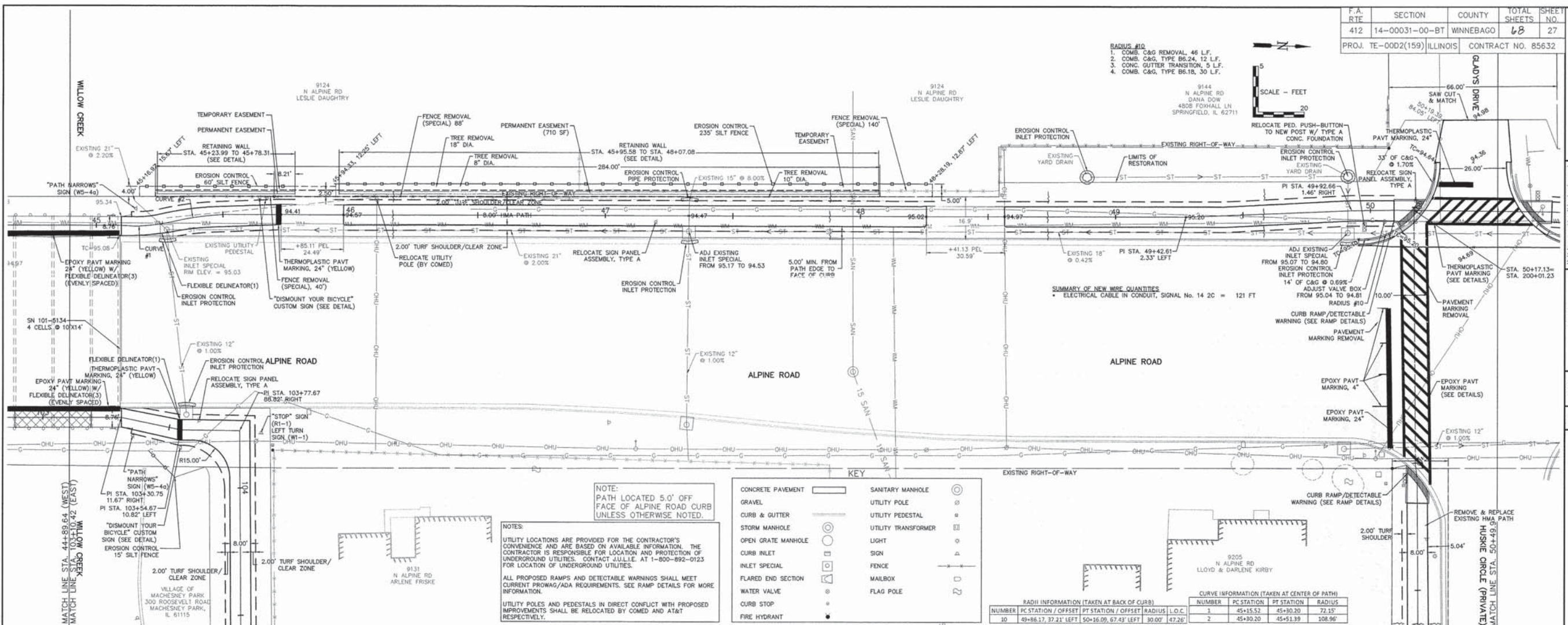
REVISION

NO.	DATE	REVISION
1	1/13/16	ROOT COMMENTS
2	4/7/16	ROOT COMMENTS

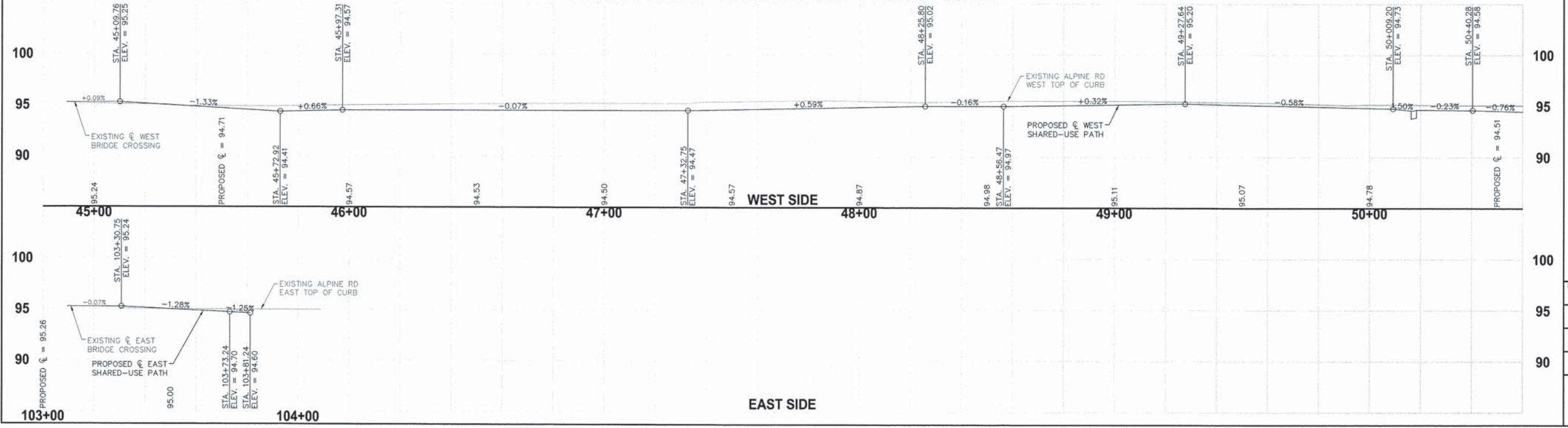
**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE**

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	27
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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ALPINE ROAD - SECTION NO. 14-00031-00-BT



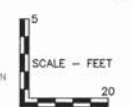
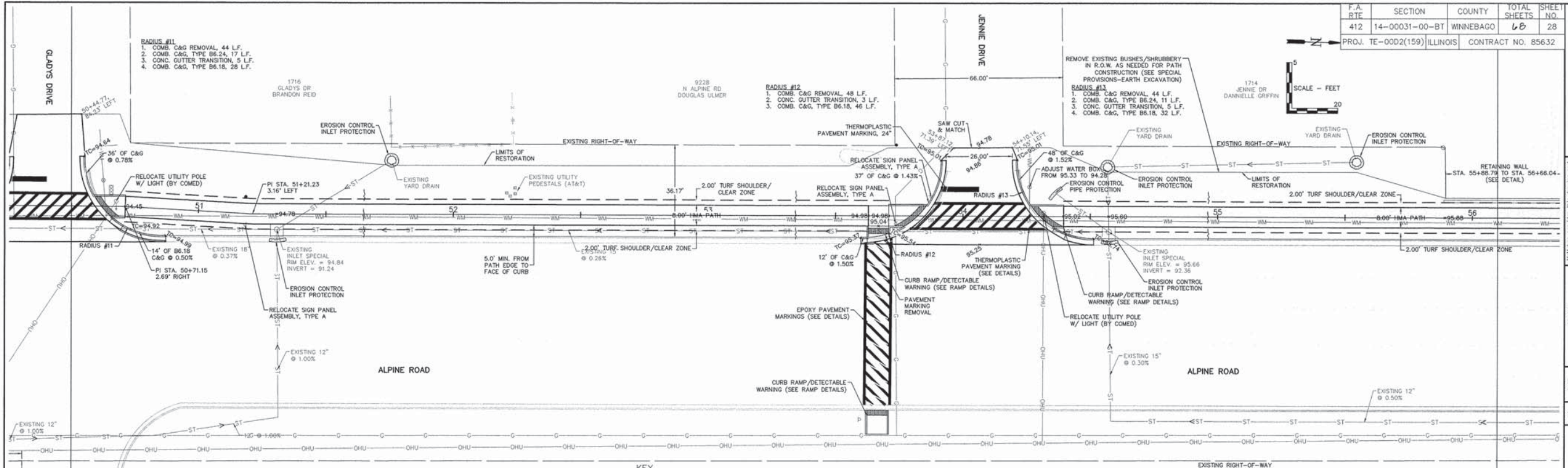
NO.	DATE	REVISION	COMMENTS
1	1/13/16		
2	4/10/16		

**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE**

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 20'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	
27	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	28
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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TEL: (815) 536-6500 FAX: (815) 536-6501
www.mcmahon.com



KEY

CONCRETE PAVEMENT	○	SANITARY MANHOLE	⊙
GRAVEL	□	UTILITY POLE	⊕
CURB & GUTTER	—	UTILITY PEDESTAL	⊕
STORM MANHOLE	⊙	UTILITY TRANSFORMER	⊕
OPEN GRATE MANHOLE	⊙	LIGHT	⊕
CURB INLET	⊙	SIGN	⊕
INLET SPECIAL	⊙	FENCE	—
FLARED END SECTION	⊙	MAILBOX	⊕
WATER VALVE	⊙	FLAG POLE	⊕
CURB STOP	⊙		
FIRE HYDRANT	⊙		

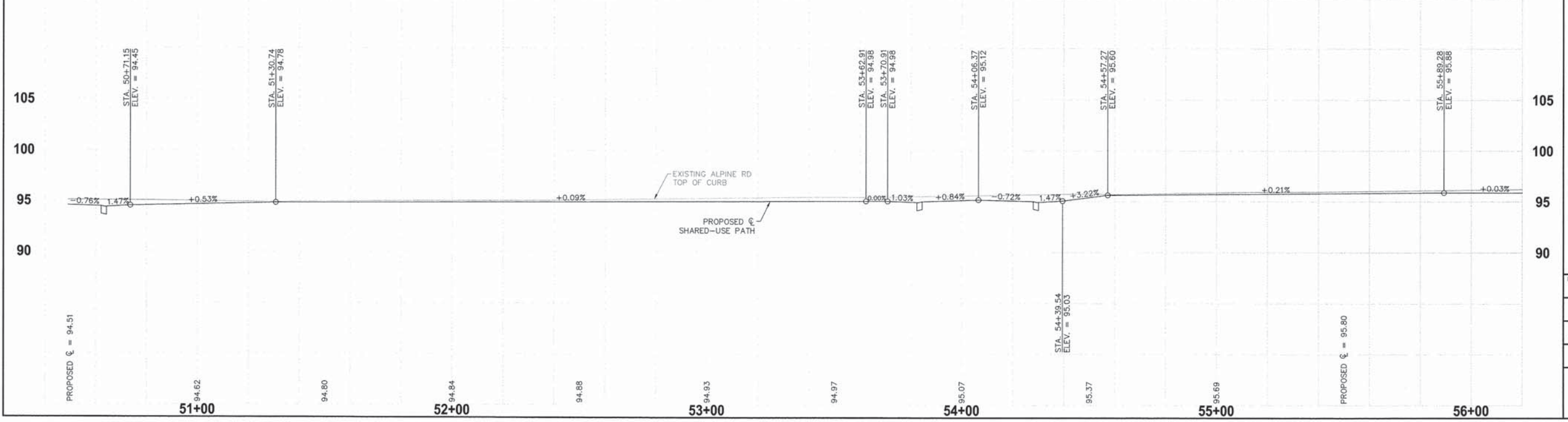
NOTES:
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ALL PROPOSED RAMPS AND DETECTABLE WARNINGS SHALL MEET CURRENT PROWAG/ADA REQUIREMENTS. SEE RAMP DETAILS FOR MORE INFORMATION.
UTILITY POLES AND PEDESTALS IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY COMED AND AT&T RESPECTIVELY.

NOTE:
PATH LOCATED 5.0' OFF FACE OF ALPINE ROAD CURB UNLESS OTHERWISE NOTED.

RADIUS INFORMATION (TAKEN AT BACK OF CURB)

NUMBER	PC STATION / OFFSET	PT STATION / OFFSET	RADIUS	L.O.C.
11	50+46.10, 66.42' LEFT	50+76.08, 36.64' LEFT	30.00'	46.88'
12	53+52.07, 36.24' LEFT	53+82.09, 66.46' LEFT	30.00'	47.36'
13	54+12.10, 65.66' LEFT	54+42.09, 35.88' LEFT	30.00'	46.89'

ALPINE ROAD - SECTION NO. 14-00031-00-BT



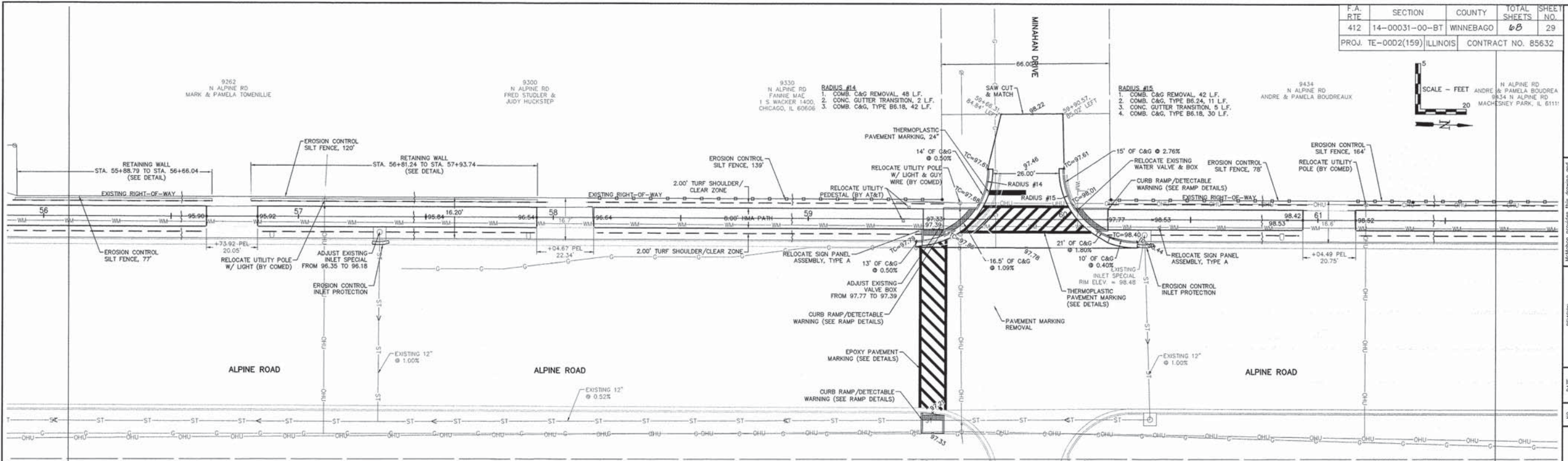
NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 20' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 28	

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	48	29
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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ALL PROPOSED RAMP AND DETECTABLE WARNINGS SHALL MEET CURRENT PROWAG/ADA REQUIREMENTS. SEE RAMP DETAILS FOR MORE INFORMATION.
UTILITY POLES AND PEDESTALS IN DIRECT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE RELOCATED BY COMED AND AT&T RESPECTIVELY.

KEY

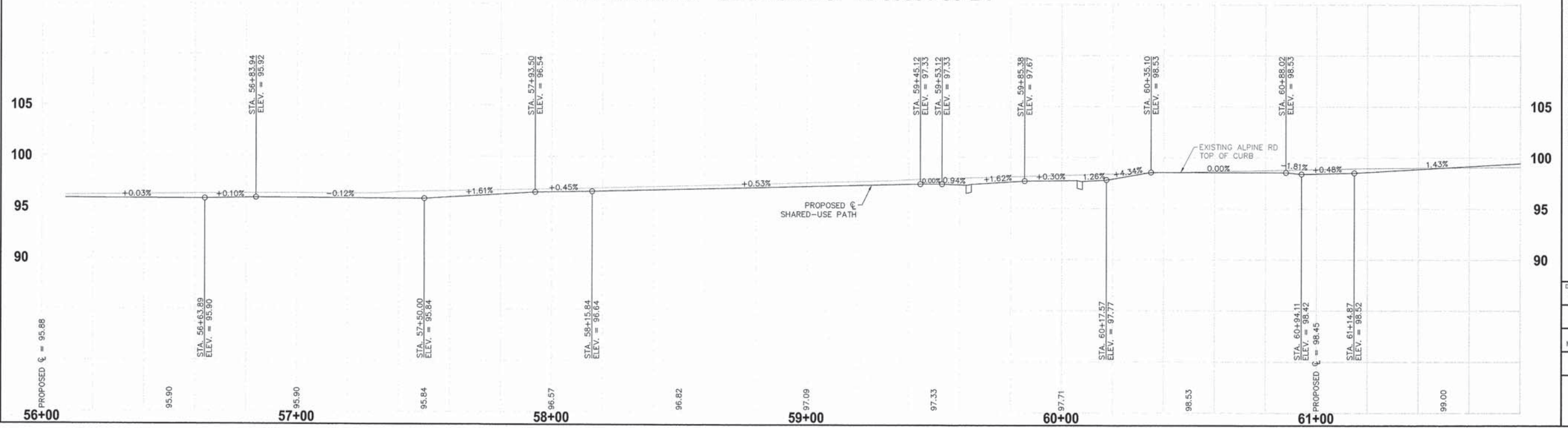
CONCRETE PAVEMENT	SANITARY MANHOLE
GRAVEL	UTILITY POLE
CURB & GUTTER	UTILITY PEDESTAL
STORM MANHOLE	UTILITY TRANSFORMER
OPEN GRATE MANHOLE	LIGHT
CURB INLET	SIGN
INLET SPECIAL	FENCE
FLARED END SECTION	MAILBOX
WATER VALVE	FLAG POLE
CURB STOP	
FIRE HYDRANT	

NOTE:
PATH LOCATED 5.0' OFF FACE OF ALPINE ROAD CURB UNLESS OTHERWISE NOTED.

RADIUS INFORMATION (TAKEN AT BACK OF CURB)

NUMBER	PC STATION / OFFSET	PT STATION / OFFSET	RADIUS	L.O.C.
14	59+32.84, 35.02' LEFT	59+61.10, 63.22' LEFT	28.00'	44.35'
15	59+91.11, 62.67' LEFT	60+19.11', 34.87' LEFT	28.00'	43.78'

ALPINE ROAD - SECTION NO. 14-00031-00-BT

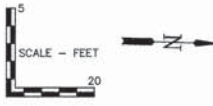
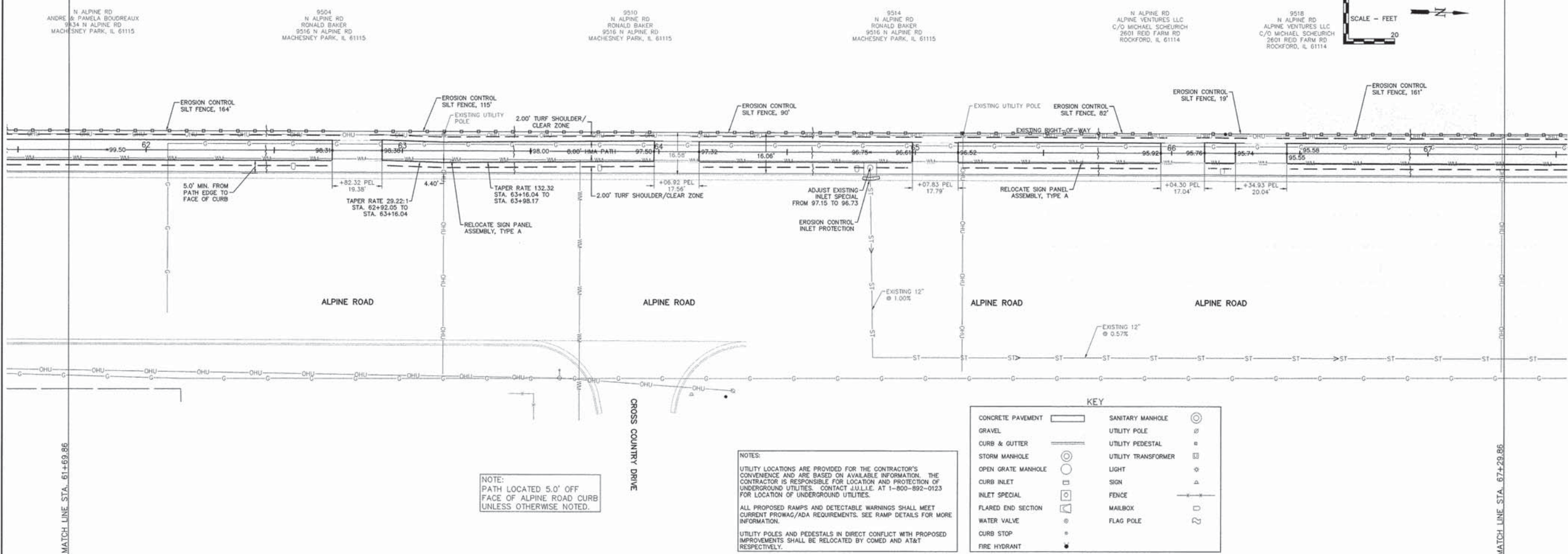


ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 20'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	

F.A. RTF	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	30
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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1700 HUTCHINS ROAD, MACHESNEY PARK, IL 61115
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KEY

CONCRETE PAVEMENT	○	SANITARY MANHOLE	⊙
GRAVEL	▨	UTILITY POLE	⊙
CURB & GUTTER	▬	UTILITY PEDESTAL	⊙
STORM MANHOLE	⊙	UTILITY TRANSFORMER	⊙
OPEN GRATE MANHOLE	⊙	LIGHT	⊙
CURB INLET	⊙	SIGN	⊙
INLET SPECIAL	⊙	FENCE	⊙
FLARED END SECTION	▬	MAILBOX	⊙
WATER VALVE	⊙	FLAG POLE	⊙
CURB STOP	⊙		
FIRE HYDRANT	⊙		

NOTES:

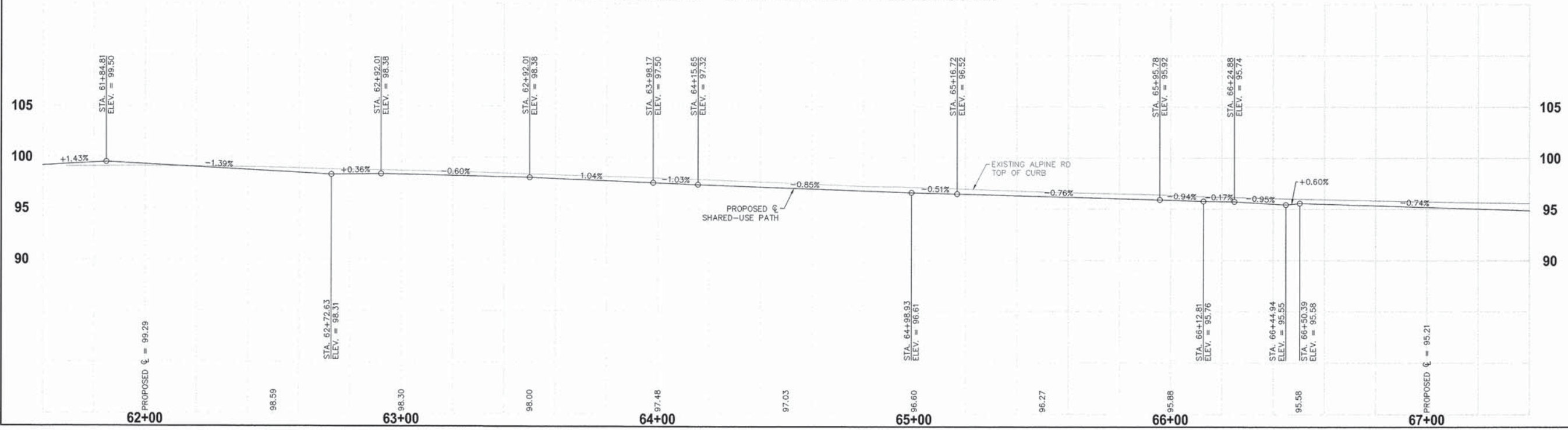
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NOTE:
PATH LOCATED 5.0' OFF FACE OF ALPINE ROAD CURB UNLESS OTHERWISE NOTED.

ALPINE ROAD - SECTION NO. 14-00031-00-BT

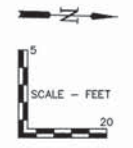
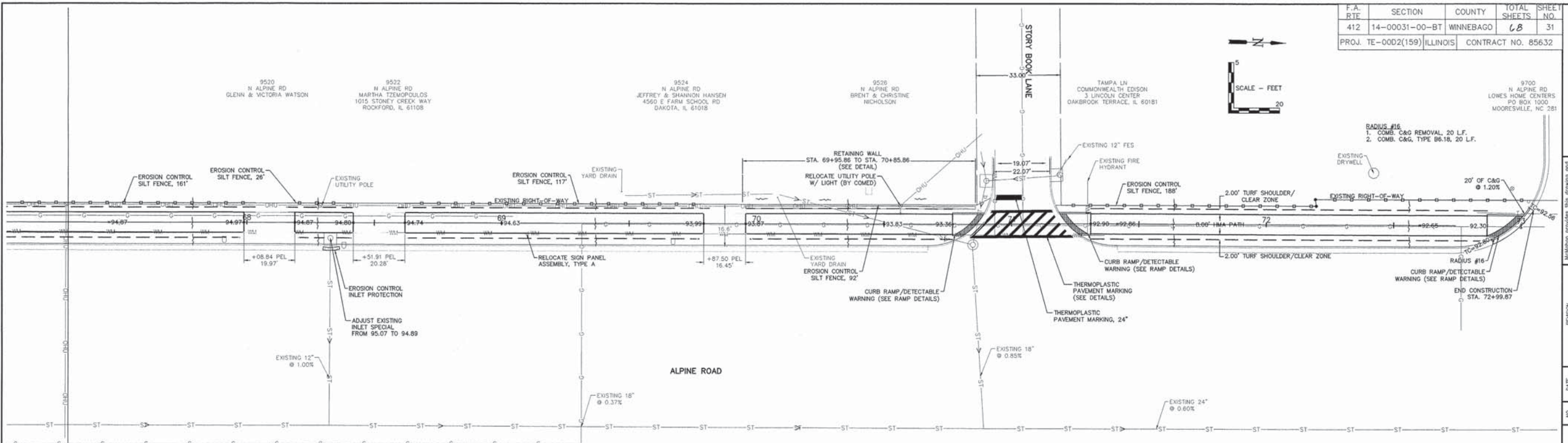


ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 20' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 30	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	31
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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KEY

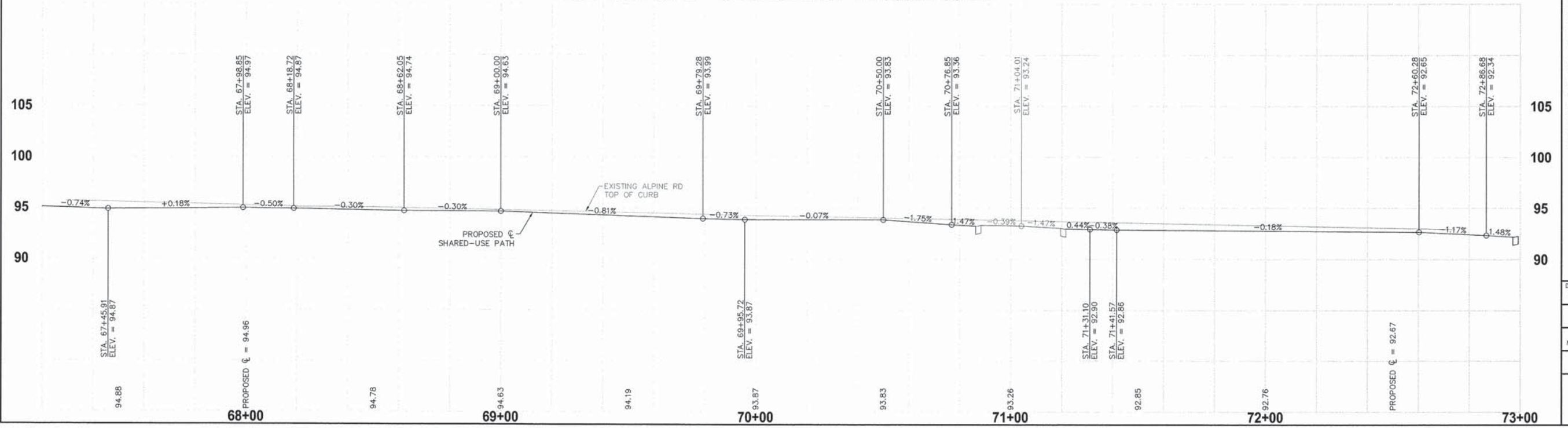
CONCRETE PAVEMENT	SANITARY MANHOLE
GRAVEL	UTILITY POLE
CURB & GUTTER	UTILITY PEDESTAL
STORM MANHOLE	UTILITY TRANSFORMER
OPEN GRATE MANHOLE	LIGHT
CURB INLET	SIGN
INLET SPECIAL	FENCE
FLARED END SECTION	MAILBOX
WATER VALVE	FLAG POLE
CURB STOP	
FIRE HYDRANT	

NOTE:
PATH LOCATED 5.0' OFF FACE OF ALPINE ROAD CURB UNLESS OTHERWISE NOTED.

RADIUS INFORMATION (TAKEN AT BACK OF CURB)

NUMBER	PC STATION / OFFSET	PT STATION / OFFSET	RADIUS	L.O.C.
16	72+79.15, 35.52' LEFT	72+93.96, 48.09' LEFT	34.35'	19.69'

ALPINE ROAD - SECTION NO. 14-00031-00-BT

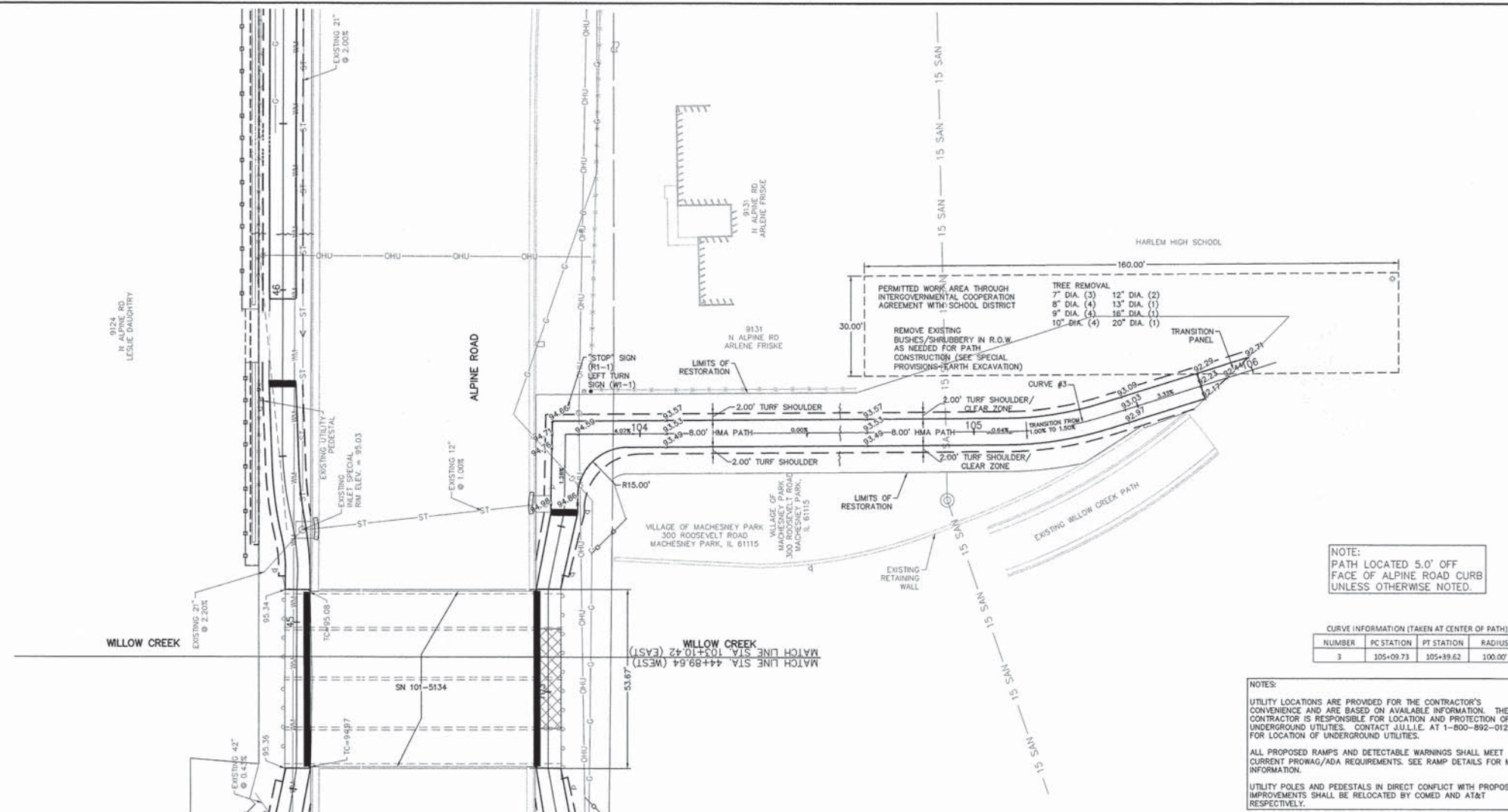
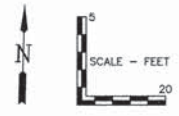


ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 20'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	
31	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	32
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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1100 N. WASHINGTON ST. SUITE 101
MILWAUKEE, WI 53233
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www.mahon.com



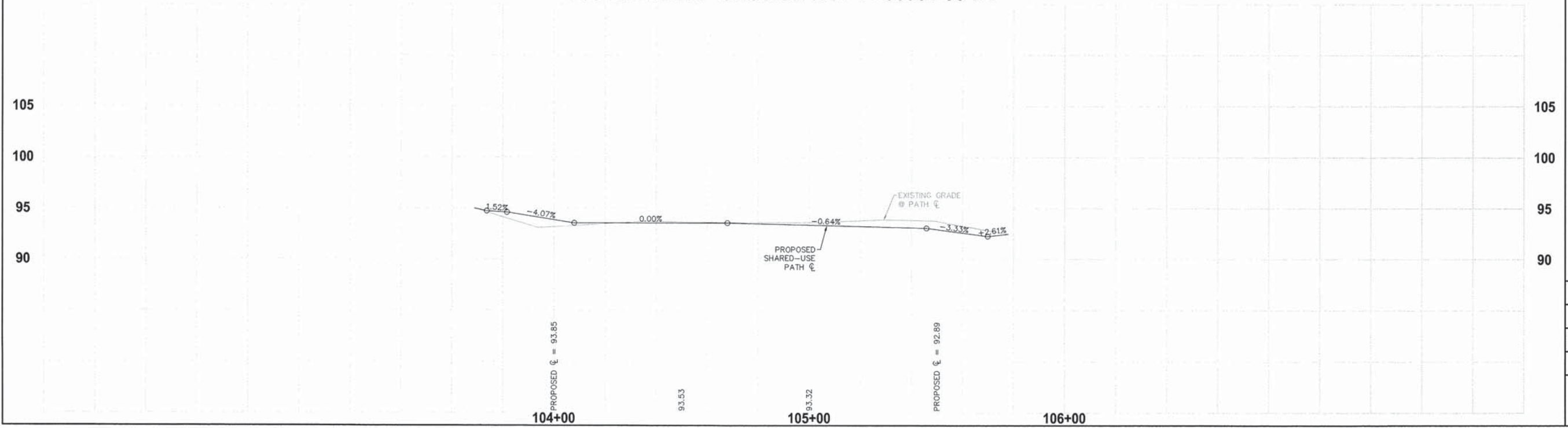
NOTE:
PATH LOCATED 5.0' OFF
FACE OF ALPINE ROAD CURB
UNLESS OTHERWISE NOTED.

CURVE INFORMATION (TAKEN AT CENTER OF PATH)			
NUMBER	PC STATION	PT STATION	RADIUS
3	105+09.73	105+39.62	100.00'

NOTES:
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KEY	
CONCRETE PAVEMENT	SANITARY MANHOLE
GRAVEL	UTILITY POLE
CURB & GUTTER	UTILITY PEDESTAL
STORM MANHOLE	UTILITY TRANSFORMER
OPEN GRATE MANHOLE	LIGHT
CURB INLET	SIGN
INLET SPECIAL	FENCE
FLARED END SECTION	MAILBOX
WATER VALVE	FLAG POLE
CURB STOP	
FIRE HYDRANT	

ALPINE ROAD - SECTION NO. 14-00031-00-BT

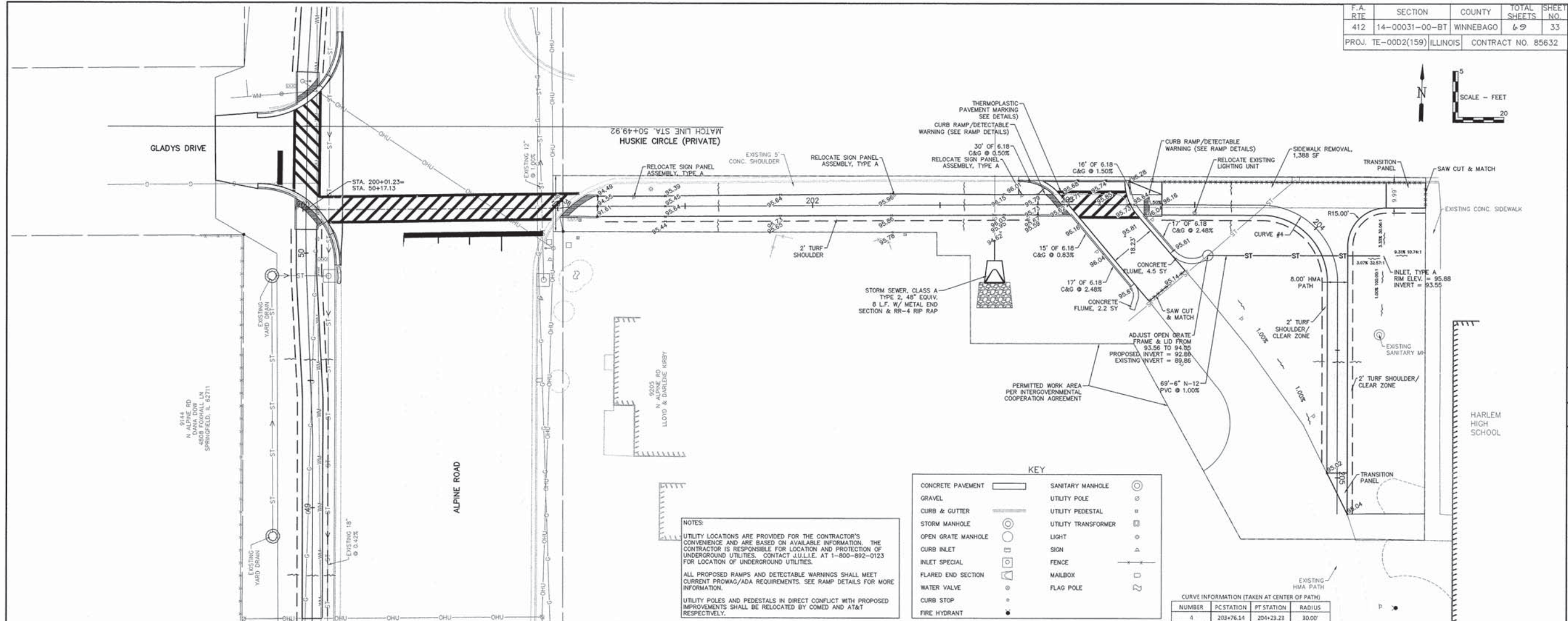


ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

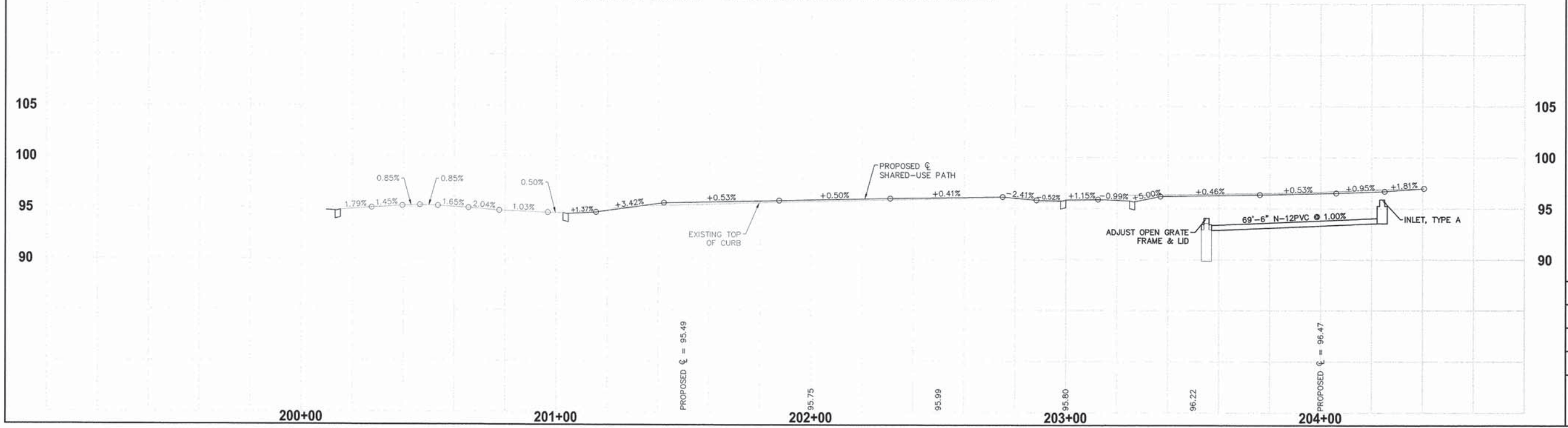
DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 20' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 32	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	69	33
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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1700 HUNTINGWOOD BLVD., SUITE 100
SPRINGFIELD, ILL. 62711
(618) 835-2000 FAX (618) 835-2001
www.mcmahon.com



ALPINE ROAD - SECTION NO. 14-00031-00-BT



NO.	DATE	REVISION	COMMENTS
1	1/15/16		
2	4/19/16		

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
PLAN & PROFILE

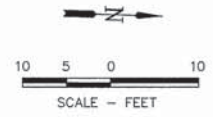
DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 20' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 33	

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	34
PROJ. TE-002(159)		ILLINOIS	CONTRACT NO. 85632	

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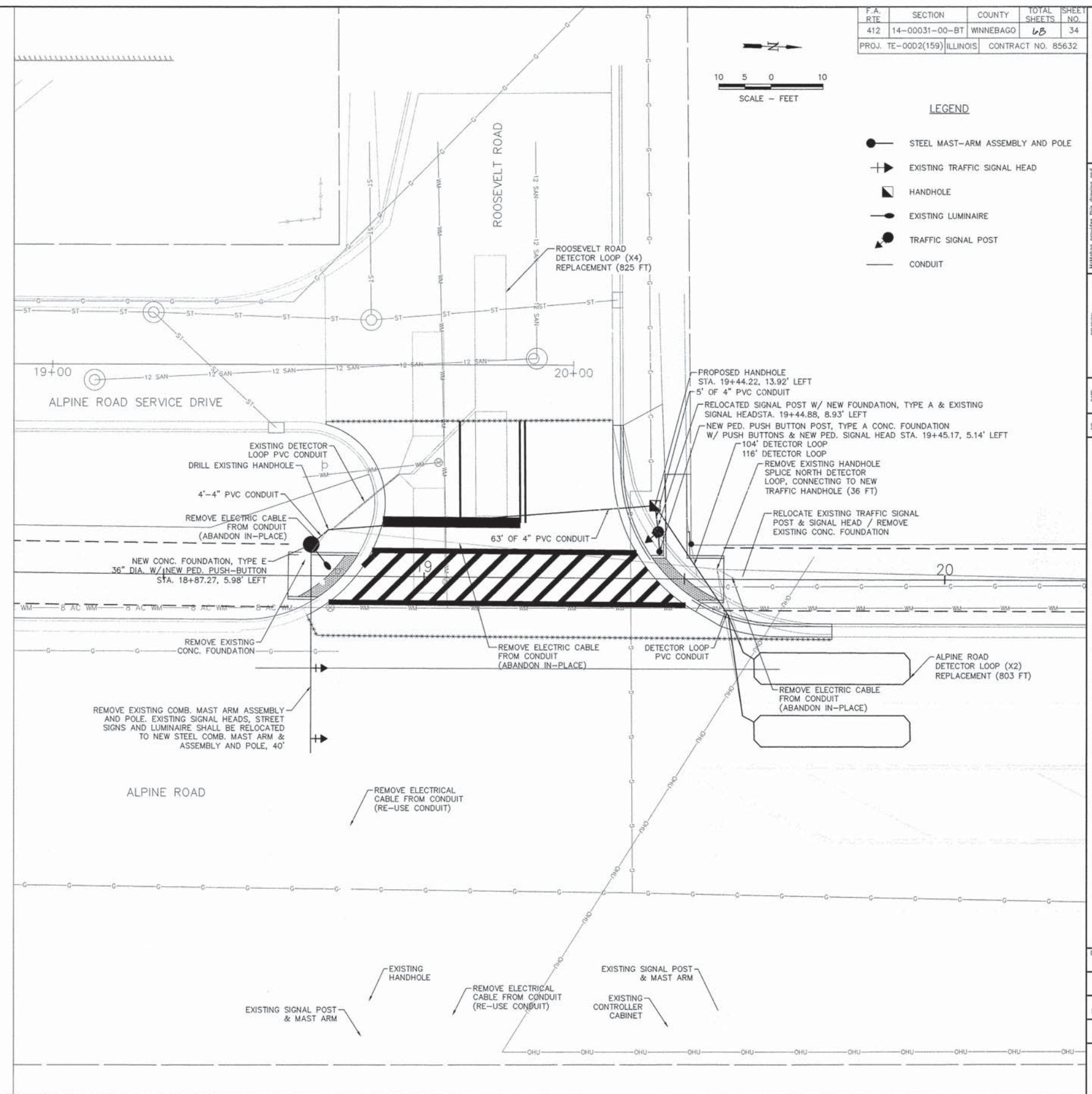
SIGNAL NOTES

- TRAFFIC SIGNAL OPERATIONS AND TIMING SHALL BE COORDINATED WITH THE VILLAGE OF MACHESNEY PARK.
- THE LOCATION OF THE MAST ARM SUPPORTS SHALL BE APPROVED BY THE VILLAGE BEFORE FOUNDATIONS ARE CONSTRUCTED.
- ALL TRAFFIC SIGNAL CABLES SHALL BE No. 14 AWG SOLID CONDUCTORS COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PCC (PER ARTICLE 814.03). THE CAST-IN-PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THESE IMPROVEMENTS.
- NEW WIRING SHALL BE INSTALLED FOR THE RELOCATED SIGNAL HEADS & LUMINAIRE, AS WELL AS FOR THE NEW PEDESTRIAN PUSHBUTTONS. PLEASE REFER TO CABLE PLAN FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL UTILIZE EXISTING PVC CONDUIT UNDERNEATH ALPINE ROAD.
- WHERE NEW WIRE IS PROPOSED, THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC CABLE IN CONDUIT. EXISTING CONDUIT NOT TO BE RE-USED SHALL BE ABANDONED IN-PLACE, UNLESS CONFLICTING WITH ADJACENT IMPROVEMENTS. ANY CONDUIT REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT.
- CONTRACTOR SHALL REMOVE & DISPOSE OF EXISTING MAST ARM & POLE. THE EXISTING LUMINAIRE ON THE MAST ARM POLE SHALL BE RELOCATED TO THE NEW MAST ARM POLE. ALL EXISTING STREET SIGNS ON THE EXISTING MAST ARM SHALL BE RELOCATED TO THE NEW MAST ARM. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO "STEEL COMB. MAST ARM ASSEMBLY AND POLE, 40 FT" PAY ITEM.
- DETECTOR LOOPS SHALL BE RESTORED IN THEIR CURRENT LOCATIONS, UTILIZING EXISTING SAW CUTS IF POSSIBLE. ANY ADDITIONAL SAW CUTTING AND CONDUIT FOR HANDHOLE CONNECTIONS SHALL BE CONSIDERED INCIDENTAL TO "DETECTOR LOOP REPLACEMENT" PAY ITEM.



LEGEND

	STEEL MAST-ARM ASSEMBLY AND POLE
	EXISTING TRAFFIC SIGNAL HEAD
	HANDHOLE
	EXISTING LUMINAIRE
	TRAFFIC SIGNAL POST
	CONDUIT



NO.	DATE	REVISION	ISSUE COMMENTS
1	1/13/16		
2	4/16/16		

DESIGNED	N.J.A.	DRAWN	J.J.D.
SCALE		1 : 10	
PROJECT NO.		M0031-73-0135	
DATE		DEC. 16, 2015	
SHEET NO.		34	

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TRAFFIC SIGNAL PLAN - ROOSEVELT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	35
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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1100 HILTON ROAD, MACHESNEY PARK, IL 61116
Tel: (815) 636-6000 Fax: (815) 636-6001
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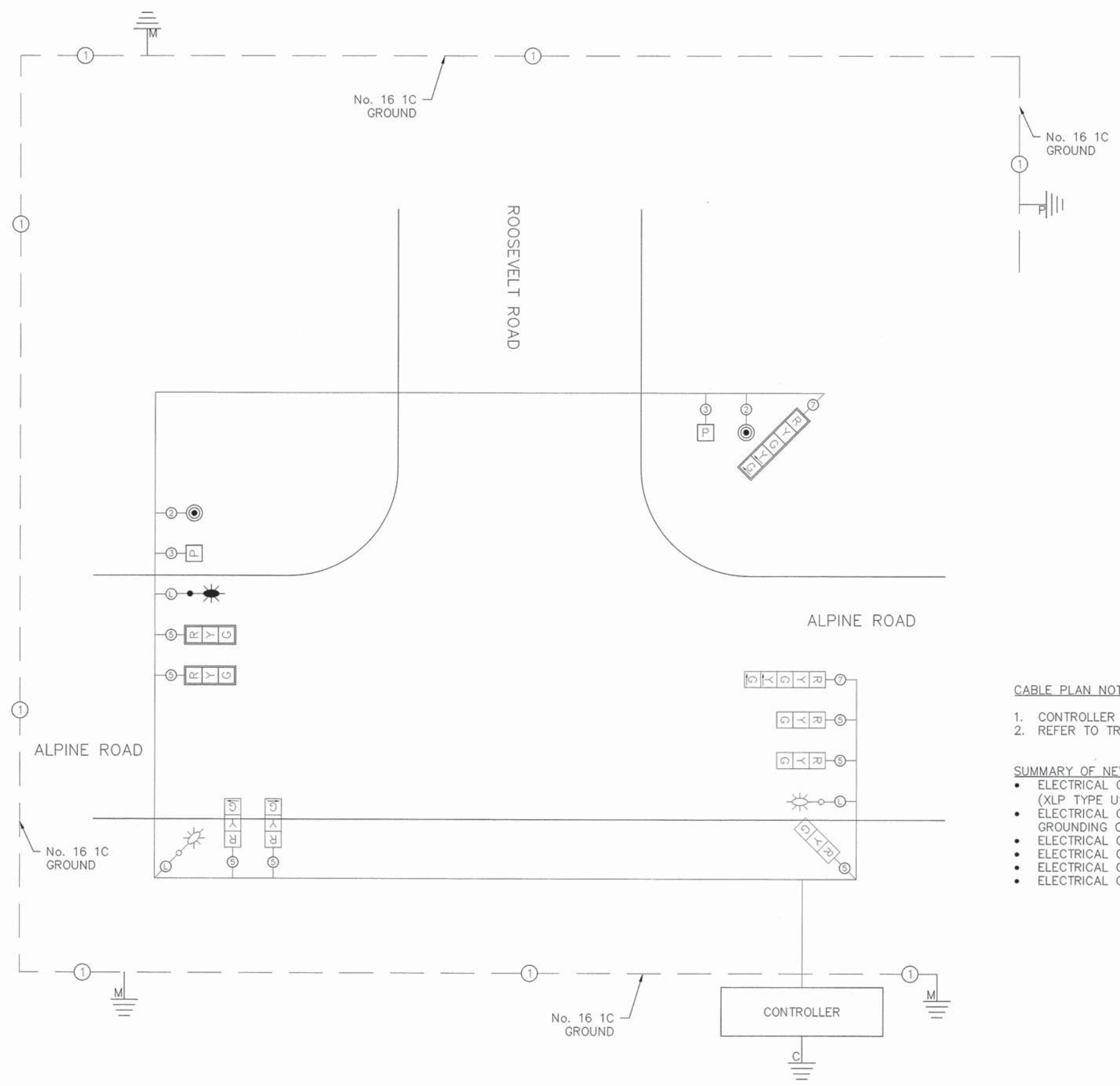
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NO.	DATE	REVISION	IDOT COMMENTS
1	1/13/16		
2	4/15/16		

**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
TRAFFIC SIGNAL CABLE - ROOSEVELT**

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 10	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

35



SCALE: NTS

- RELOCATED LUMINAIRE
- EXISTING LUMINAIRE
- GROUND ROD & CONTROLLER
- GROUND ROD @ MAST ARM POLE
- GROUND ROD @ SERVICE INSTALLATION
- GROUND ROD @ POST
- EXISTING TRAFFIC SIGNAL HEAD
- RELOCATED TRAFFIC SIGNAL HEAD
- PEDESTRIAN PUSH-BUTTON
- NEW PED. SIGNAL HEAD

CABLE PLAN NOTES

- CONTROLLER SEQUENCE SHALL NOT CHANGE FROM EXISTING.
- REFER TO TRAFFIC SIGNAL PLAN FOR ADDITIONAL INFORMATION.

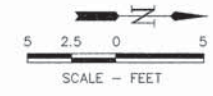
SUMMARY OF NEW WIRE QUANTITIES

- ELECTRICAL CABLE IN CONDUIT, 600V (XLP TYPE USE) 1C No. 10 = 233 FT
- ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, No. 6 1C = 446.5 FT
- ELECTRICAL CABLE IN CONDUIT, SIGNAL No. 14 2C = 462.5 FT
- ELECTRICAL CABLE IN CONDUIT, SIGNAL No. 14 3C = 476.5 FT
- ELECTRICAL CABLE IN CONDUIT, SIGNAL No. 14 5C = 482 FT
- ELECTRICAL CABLE IN CONDUIT, SIGNAL No. 14 7C = 271.5 FT

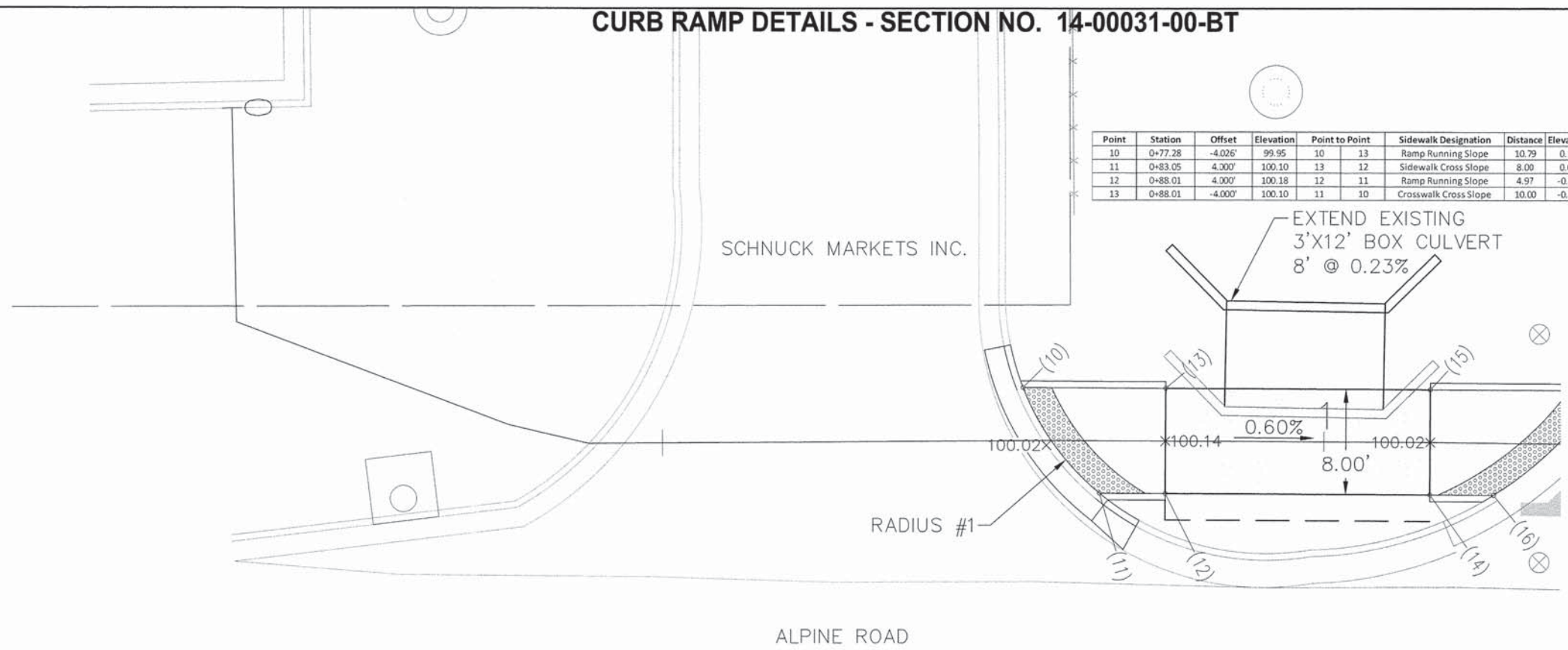
CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	36
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
10	0+77.28	-4.02'	99.95	10 13	Ramp Running Slope	10.79	0.15	1.39%
11	0+83.05	4.00'	100.10	13 12	Sidewalk Cross Slope	8.00	0.08	1.00%
12	0+88.01	4.00'	100.18	12 11	Ramp Running Slope	4.97	-0.08	-1.61%
13	0+88.01	-4.00'	100.10	11 10	Crosswalk Cross Slope	10.00	-0.15	-1.50%



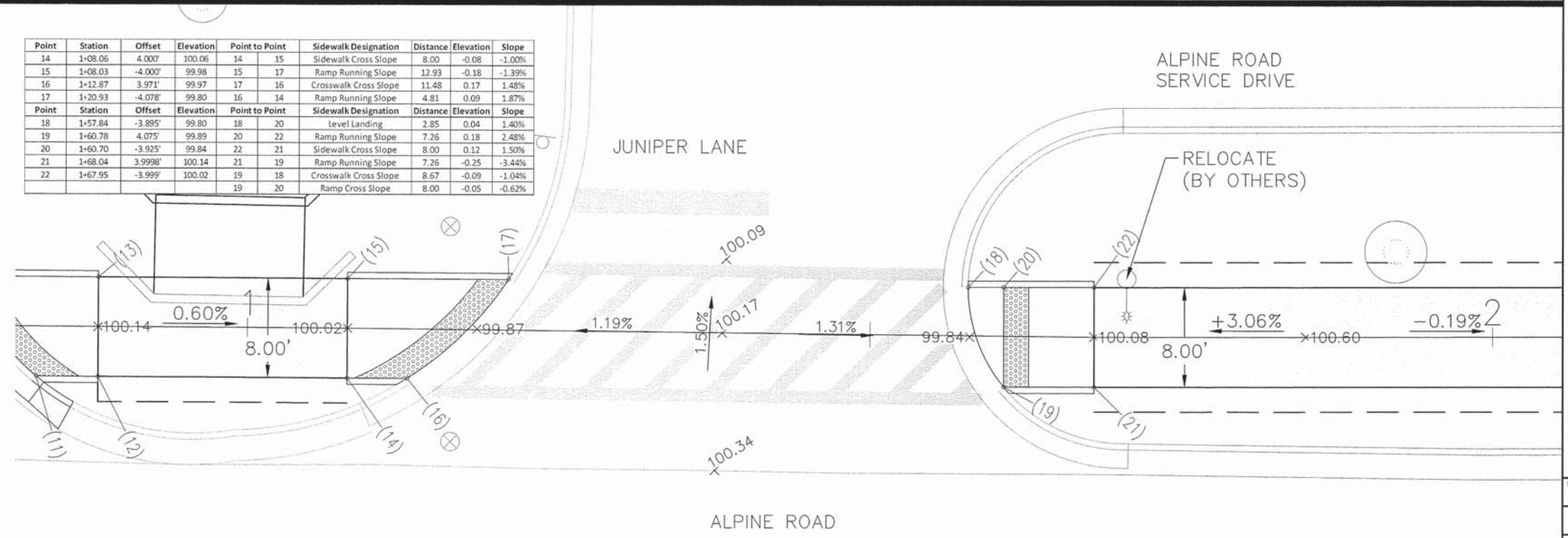
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NO.	DATE	REVISION	REVISION
1	1/13/16	1	1
2	4/16/16	2	2

NO.	DATE	REVISION	REVISION
1	1/13/16	1	1
2	4/16/16	2	2

**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS**

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
14	1+08.06	4.00'	100.06	14 15	Sidewalk Cross Slope	8.00	-0.08	-1.00%
15	1+08.03	-4.00'	99.98	15 17	Ramp Running Slope	12.93	-0.18	-1.39%
16	1+12.87	3.97'	99.97	17 16	Crosswalk Cross Slope	11.48	0.17	1.48%
17	1+20.93	-4.07'	99.80	16 14	Ramp Running Slope	4.81	0.09	1.87%
18	1+57.84	-3.89'	99.80	18 20	Level Landing	2.85	0.04	1.40%
19	1+60.78	4.07'	99.89	20 22	Ramp Running Slope	7.26	0.18	2.48%
20	1+60.70	-3.92'	99.84	22 21	Sidewalk Cross Slope	8.00	0.12	1.50%
21	1+68.04	3.999'	100.14	21 19	Ramp Running Slope	7.26	-0.25	-3.44%
22	1+67.95	-3.99'	100.02	19 18	Crosswalk Cross Slope	8.67	-0.09	-1.04%
				19 20	Ramp Cross Slope	8.00	-0.05	-0.62%

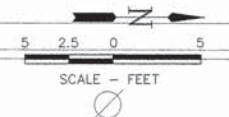


DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

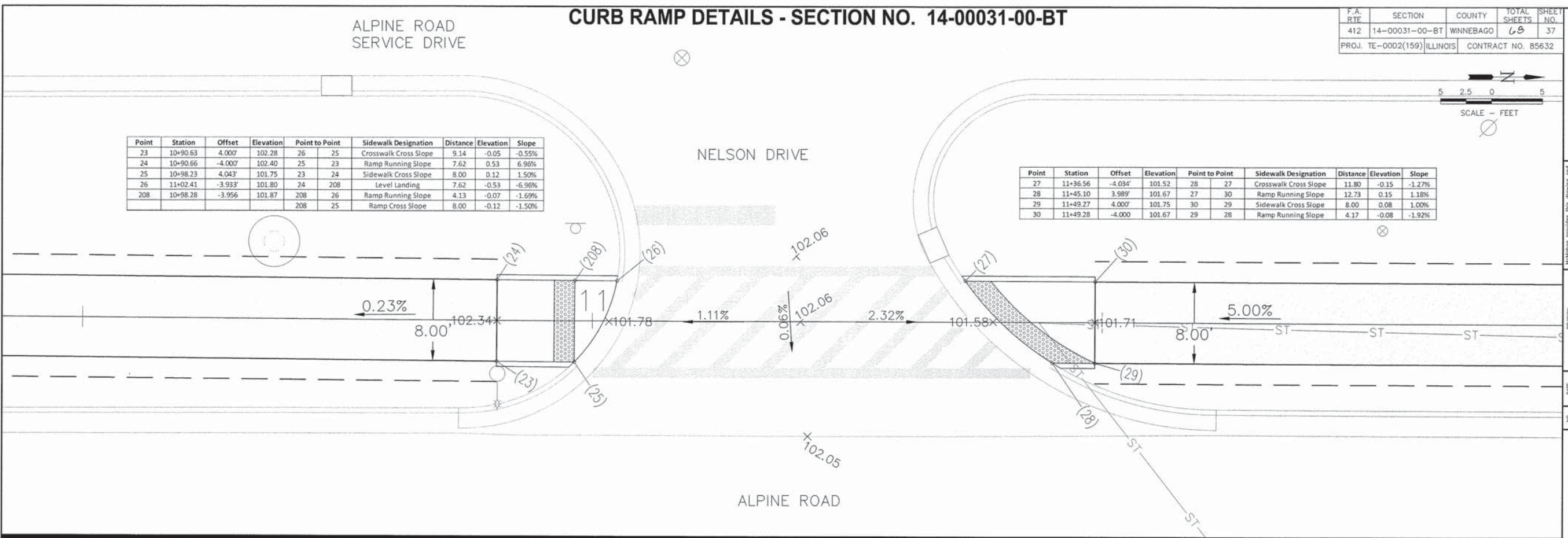
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	37
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
23	10+90.63	4.00'	102.28	26 25	Crosswalk Cross Slope	9.14	-0.05	-0.55%
24	10+90.66	-4.00'	102.40	25 23	Ramp Running Slope	7.62	0.53	6.96%
25	10+98.23	4.04'	101.75	23 24	Sidewalk Cross Slope	8.00	0.12	1.50%
26	11+02.41	-3.93'	101.80	24 208	Level Landing	7.62	-0.53	-6.96%
208	10+98.28	-3.95'	101.87	208 26	Ramp Running Slope	4.13	-0.07	-1.69%
				208 25	Ramp Cross Slope	8.00	-0.12	-1.50%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
27	11+36.56	-4.03'	101.52	28 27	Crosswalk Cross Slope	11.80	-0.15	-1.27%
28	11+45.10	3.98'	101.67	27 30	Ramp Running Slope	12.73	0.15	1.18%
29	11+49.27	4.00'	101.75	30 29	Sidewalk Cross Slope	8.00	0.08	1.00%
30	11+49.28	-4.00'	101.67	29 28	Ramp Running Slope	4.17	-0.08	-1.92%



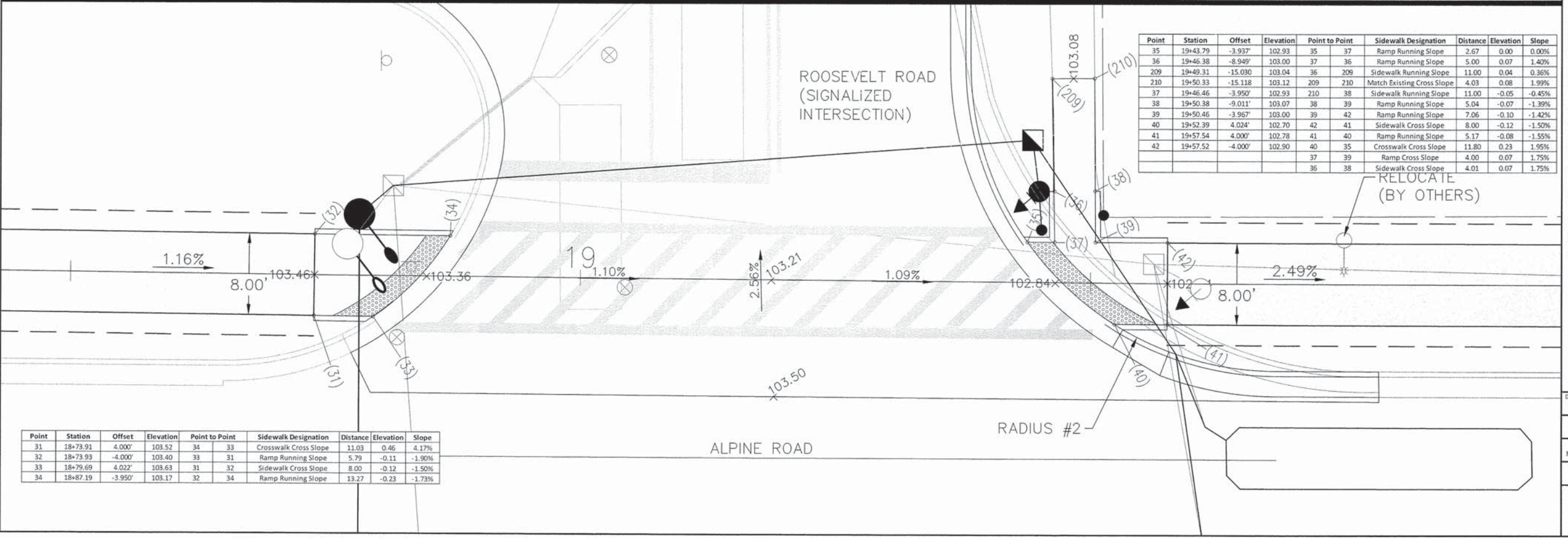
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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/19/16	DOT COMMENTS

NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/19/16	DOT COMMENTS

**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS**

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
35	19+43.79	-3.93'	102.93	35 37	Ramp Running Slope	2.67	0.00	0.00%
36	19+46.38	-8.94'	103.00	37 36	Ramp Running Slope	5.00	0.07	1.40%
209	19+49.31	-15.03'	103.04	36 209	Sidewalk Running Slope	11.00	0.04	0.36%
210	19+50.33	-15.118	103.12	209 210	Match Existing Cross Slope	4.03	0.08	1.99%
37	19+46.46	-3.95'	102.93	210 38	Sidewalk Running Slope	11.00	-0.05	-0.45%
38	19+50.38	-9.01'	103.07	38 39	Ramp Running Slope	5.04	-0.07	-1.39%
39	19+50.46	-3.96'	103.00	39 42	Ramp Running Slope	7.06	-0.10	-1.42%
40	19+52.39	4.02'	102.70	42 41	Sidewalk Cross Slope	8.00	-0.12	-1.50%
41	19+57.54	4.00'	102.78	41 40	Ramp Running Slope	5.17	-0.08	-1.55%
42	19+57.52	-4.00'	102.90	40 35	Crosswalk Cross Slope	11.80	0.23	1.95%
				37 39	Ramp Cross Slope	4.00	0.07	1.75%
				36 38	Sidewalk Cross Slope	4.01	0.07	1.75%



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
31	18+73.91	4.00'	103.52	34 33	Crosswalk Cross Slope	11.03	0.46	4.17%
32	18+73.93	-4.00'	103.40	33 31	Ramp Running Slope	5.79	-0.11	-1.90%
33	18+79.69	4.02'	103.63	31 32	Sidewalk Cross Slope	8.00	-0.12	-1.50%
34	18+87.19	-3.95'	103.17	32 34	Ramp Running Slope	13.27	-0.23	-1.73%

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
1 : 5	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	
37	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

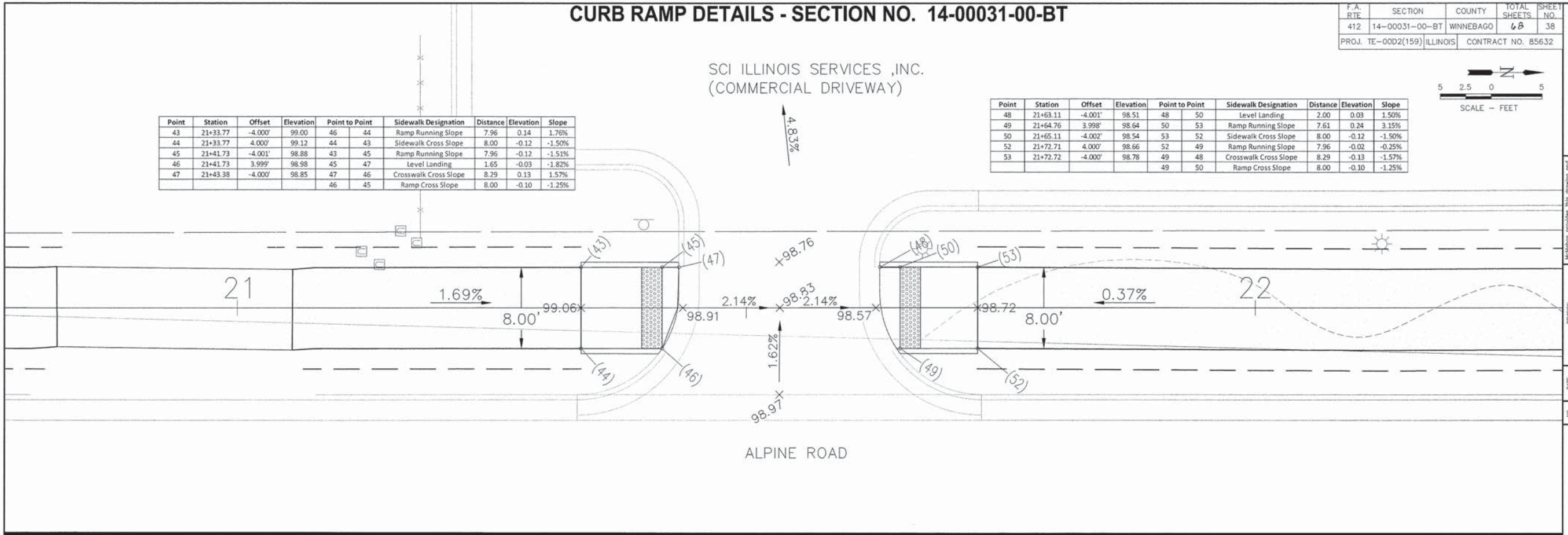
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	38
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
43	21+33.77	-4.00'	99.00	46 44	Ramp Running Slope	7.96	0.14	1.76%
44	21+33.77	4.00'	99.12	44 43	Sidewalk Cross Slope	8.00	-0.12	-1.50%
45	21+41.73	-4.00'	98.88	43 45	Ramp Running Slope	7.96	-0.12	-1.51%
46	21+41.73	3.999'	98.98	45 47	Level Landing	1.65	-0.03	-1.82%
47	21+43.38	-4.000'	98.85	47 46	Crosswalk Cross Slope	8.29	0.13	1.57%
				46 45	Ramp Cross Slope	8.00	-0.10	-1.25%

SCI ILLINOIS SERVICES ,INC.
(COMMERCIAL DRIVEWAY)

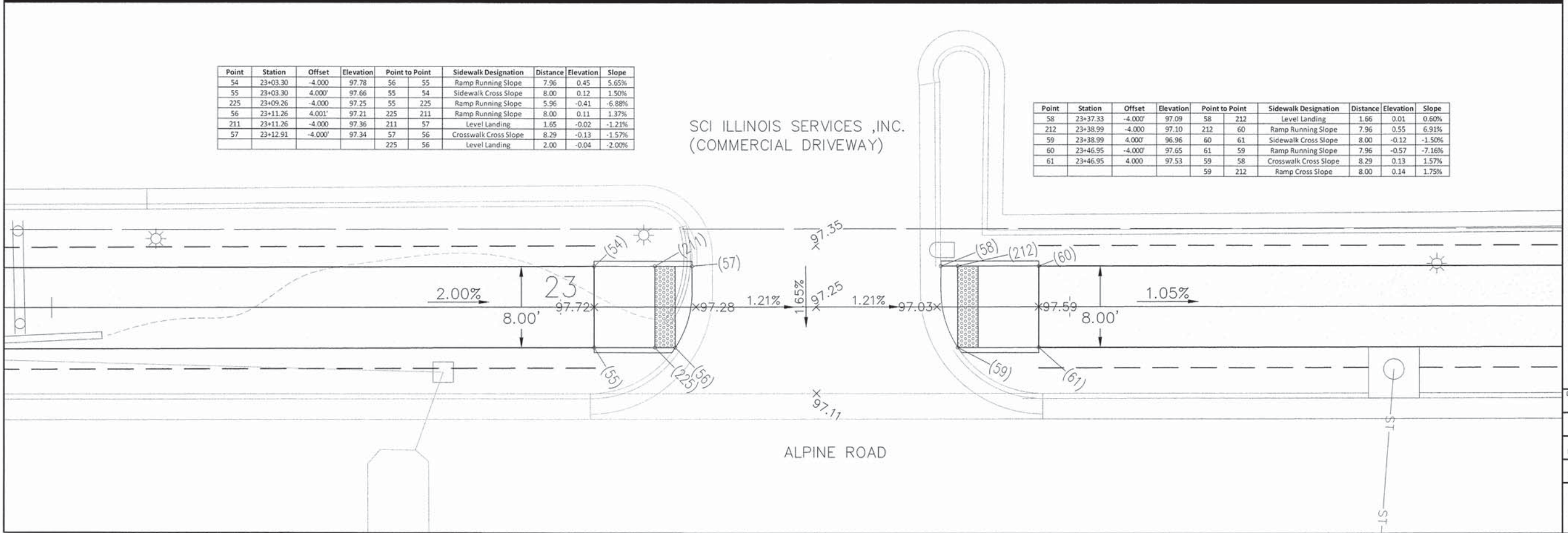
Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
48	21+63.11	-4.001'	98.51	48 50	Level Landing	2.00	0.03	1.50%
49	21+64.76	3.998'	98.64	50 53	Ramp Running Slope	7.61	0.24	3.15%
50	21+65.11	-4.002'	98.54	53 52	Sidewalk Cross Slope	8.00	-0.12	-1.50%
52	21+72.71	4.000'	98.66	52 49	Ramp Running Slope	7.96	-0.02	-0.25%
53	21+72.72	-4.000'	98.78	49 48	Crosswalk Cross Slope	8.29	-0.13	-1.57%
				49 50	Ramp Cross Slope	8.00	-0.10	-1.25%



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
54	23+03.30	-4.000'	97.78	56 55	Ramp Running Slope	7.96	0.45	5.65%
55	23+03.30	4.000'	97.66	55 54	Sidewalk Cross Slope	8.00	0.12	1.50%
225	23+09.26	-4.000'	97.25	55 225	Ramp Running Slope	5.96	-0.41	-6.88%
56	23+11.26	4.001'	97.21	225 211	Ramp Running Slope	8.00	0.11	1.37%
211	23+11.26	-4.000'	97.36	211 57	Level Landing	1.65	-0.02	-1.21%
57	23+12.91	-4.000'	97.34	57 56	Crosswalk Cross Slope	8.29	-0.13	-1.57%
				225 56	Level Landing	2.00	-0.04	-2.00%

SCI ILLINOIS SERVICES ,INC.
(COMMERCIAL DRIVEWAY)

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
58	23+37.33	-4.000'	97.09	58 212	Level Landing	1.66	0.01	0.60%
212	23+38.99	-4.000'	97.10	212 60	Ramp Running Slope	7.96	0.55	6.91%
59	23+38.99	4.000'	96.96	60 61	Sidewalk Cross Slope	8.00	-0.12	-1.50%
60	23+46.95	-4.000'	97.65	61 59	Ramp Running Slope	7.96	-0.57	-7.16%
61	23+46.95	4.000'	97.53	59 58	Crosswalk Cross Slope	8.29	0.13	1.57%
				59 212	Ramp Cross Slope	8.00	0.14	1.75%



ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 38	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

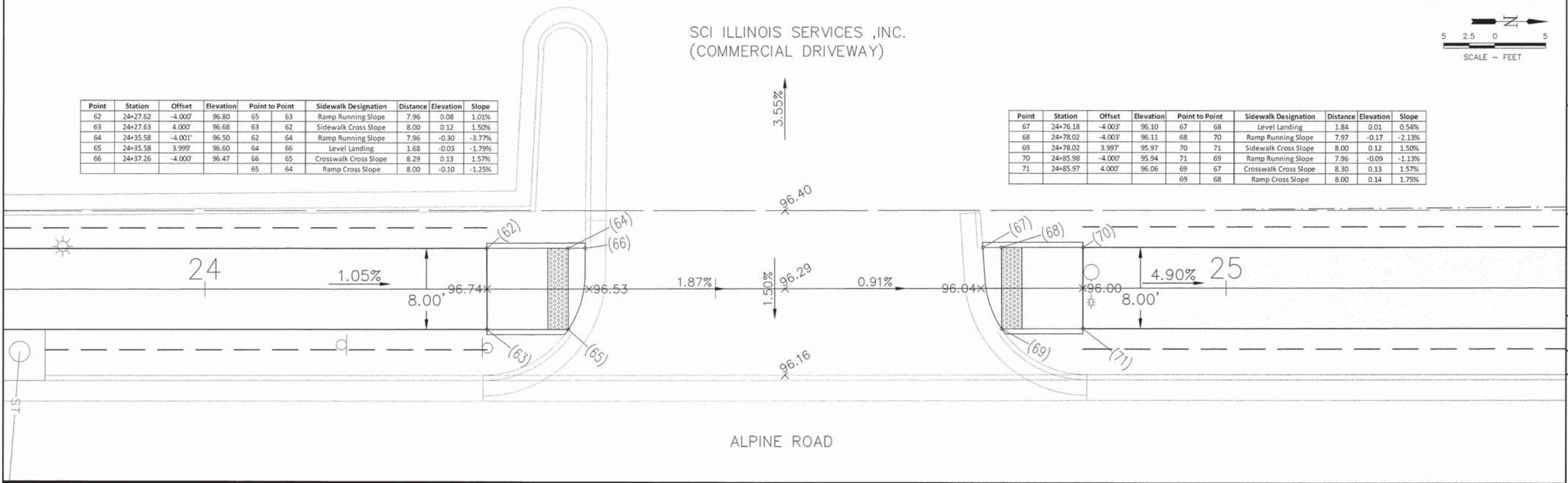
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	18	39
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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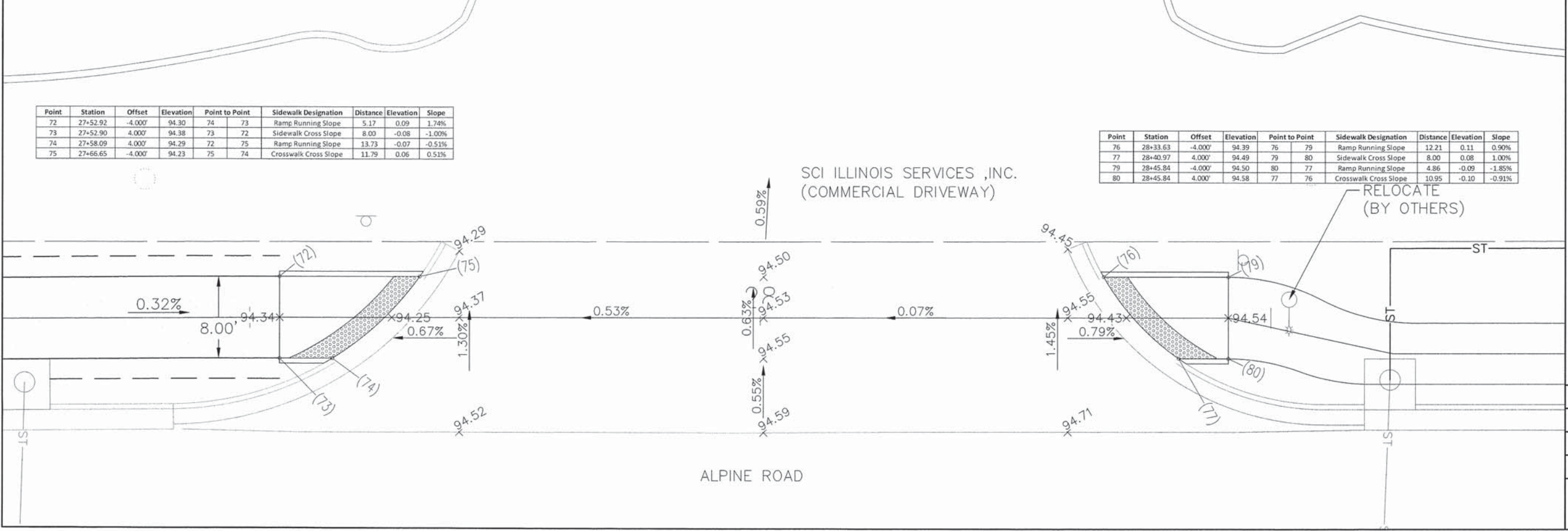
Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
62	24+27.62	-4.00'	96.80	65 63	Ramp Running Slope	7.96	0.08	1.01%
63	24+27.63	4.00'	96.68	63 62	Sidewalk Cross Slope	8.00	0.12	-1.50%
64	24+35.58	-4.00'	96.50	62 64	Ramp Running Slope	7.96	-0.30	-3.77%
65	24+35.58	3.99'	96.60	64 66	Level Landing	1.68	-0.03	-1.79%
66	24+37.26	-4.00'	96.47	66 65	Crosswalk Cross Slope	8.29	0.13	1.57%
				65 64	Ramp Cross Slope	8.00	-0.10	-1.25%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
67	24+76.18	-4.00'	96.10	67 68	Level Landing	1.84	0.01	0.54%
68	24+78.02	-4.00'	96.11	68 70	Ramp Running Slope	7.97	-0.17	-2.13%
69	24+78.02	3.99'	95.97	70 71	Sidewalk Cross Slope	8.00	0.12	1.50%
70	24+85.98	-4.00'	95.94	71 69	Ramp Running Slope	7.96	-0.09	-1.13%
71	24+85.97	4.00'	96.06	69 67	Crosswalk Cross Slope	8.30	0.13	1.57%
				69 68	Ramp Cross Slope	8.00	0.14	1.75%



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
72	27+52.92	-4.00'	94.30	74 73	Ramp Running Slope	5.17	0.09	1.74%
73	27+52.90	4.00'	94.38	73 72	Sidewalk Cross Slope	8.00	-0.08	-1.00%
74	27+58.09	4.00'	94.29	72 75	Ramp Running Slope	13.73	-0.07	-0.51%
75	27+66.65	-4.00'	94.23	75 74	Crosswalk Cross Slope	11.79	0.06	0.51%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
76	28+33.63	-4.00'	94.39	76 79	Ramp Running Slope	12.21	0.11	0.90%
77	28+40.97	4.00'	94.49	79 80	Sidewalk Cross Slope	8.00	0.08	1.00%
79	28+45.84	-4.00'	94.50	80 77	Ramp Running Slope	4.86	-0.09	-1.85%
80	28+45.84	4.00'	94.58	77 76	Crosswalk Cross Slope	10.95	-0.10	-0.91%



ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
1 : 5	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

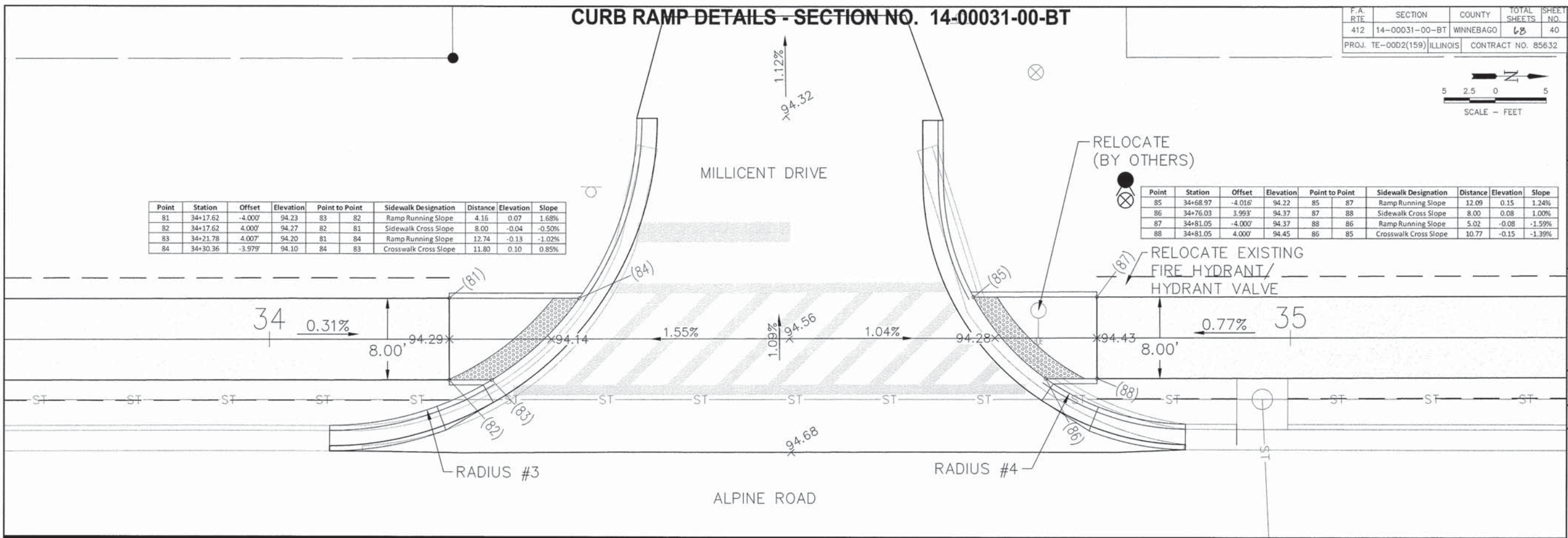
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	40
PROJ. TE-0002(159)		ILLINOIS CONTRACT NO. 85632		

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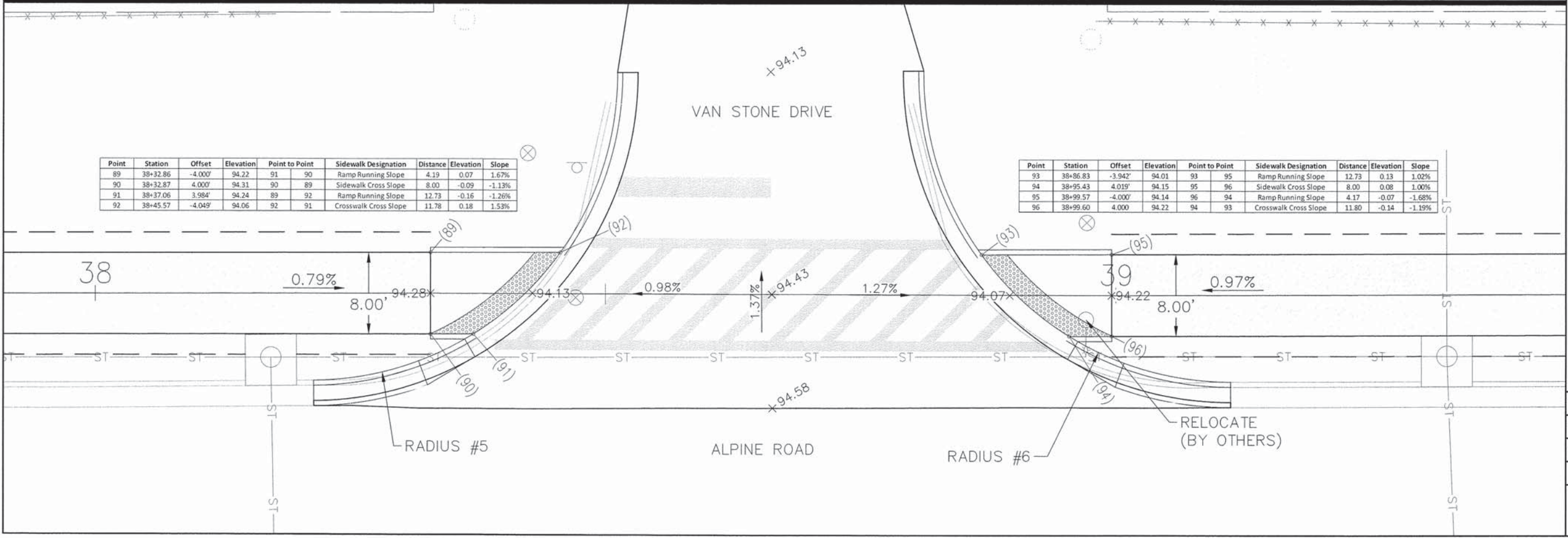
Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
81	34+17.62	-4.00'	94.23	83 82	Ramp Running Slope	4.15	0.07	1.68%
82	34+17.62	4.00'	94.27	82 81	Sidewalk Cross Slope	8.00	-0.04	-0.50%
83	34+21.78	4.00'	94.20	81 84	Ramp Running Slope	12.74	-0.13	-1.02%
84	34+30.36	-3.97'	94.10	84 83	Crosswalk Cross Slope	11.80	0.10	0.85%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
85	34+68.97	-4.01'	94.22	85 87	Ramp Running Slope	12.09	0.15	1.24%
86	34+76.03	3.99'	94.37	87 88	Sidewalk Cross Slope	8.00	0.08	1.00%
87	34+81.05	-4.00'	94.37	88 86	Ramp Running Slope	5.02	-0.08	-1.59%
88	34+81.05	4.00'	94.45	86 85	Crosswalk Cross Slope	10.77	-0.15	-1.39%



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
89	38+32.86	-4.00'	94.22	91 90	Ramp Running Slope	4.19	0.07	1.67%
90	38+32.87	4.00'	94.31	90 89	Sidewalk Cross Slope	8.00	-0.09	-1.13%
91	38+37.06	3.98'	94.24	89 92	Ramp Running Slope	12.73	-0.16	-1.26%
92	38+45.57	-4.04'	94.06	92 91	Crosswalk Cross Slope	11.78	0.18	1.53%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
93	38+86.83	-3.94'	94.01	93 95	Ramp Running Slope	12.73	0.13	1.02%
94	38+95.43	4.01'	94.15	95 96	Sidewalk Cross Slope	8.00	0.08	1.00%
95	38+99.57	-4.00'	94.14	96 94	Ramp Running Slope	4.17	-0.07	-1.68%
96	38+99.60	4.00'	94.22	94 93	Crosswalk Cross Slope	11.80	-0.14	-1.19%



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NO.	DATE	REVISION
1	1/15/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

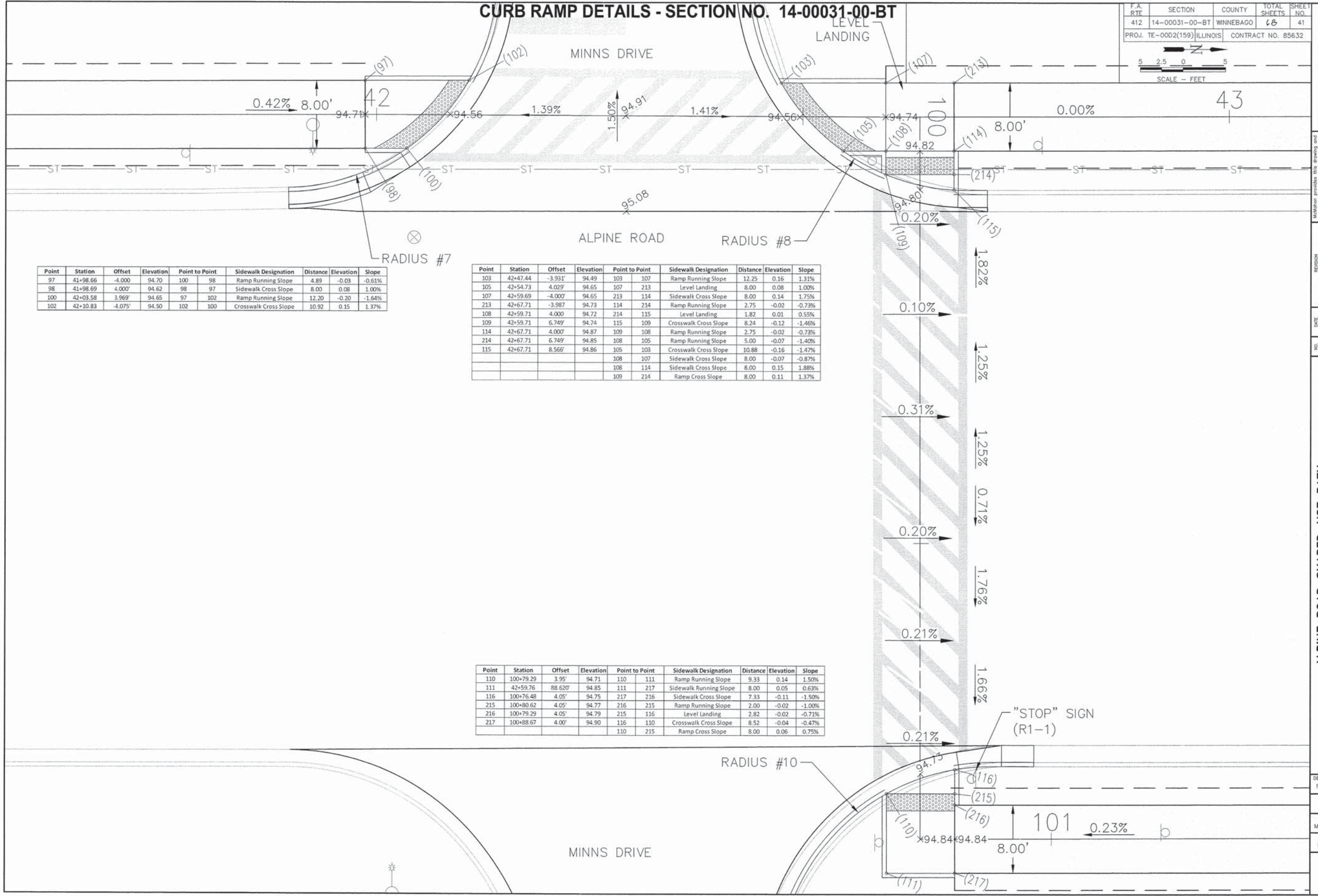
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 40	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	43	41
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
97	41+98.66	-4.000'	94.70	100 98	Ramp Running Slope	4.89	-0.03	-0.61%
98	41+98.69	4.000'	94.62	98 97	Sidewalk Cross Slope	8.00	0.08	1.00%
100	42+03.58	3.969'	94.65	97 102	Ramp Running Slope	12.20	-0.20	-1.64%
102	42+10.83	-4.075'	94.50	102 100	Crosswalk Cross Slope	10.92	0.15	1.37%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
103	42+47.44	-3.931'	94.49	103 107	Ramp Running Slope	12.25	0.16	1.31%
105	42+54.73	4.029'	94.65	107 213	Level Landing	8.00	0.08	1.00%
107	42+59.69	-4.000'	94.65	213 114	Sidewalk Cross Slope	8.00	0.14	1.75%
213	42+67.71	-3.987'	94.73	114 214	Ramp Running Slope	2.75	-0.02	-0.73%
108	42+59.71	4.000'	94.72	214 115	Level Landing	1.82	0.01	0.55%
109	42+59.71	6.749'	94.74	115 109	Crosswalk Cross Slope	8.24	-0.12	-1.46%
114	42+67.71	4.000'	94.87	109 108	Ramp Running Slope	2.75	-0.02	-0.73%
214	42+67.71	6.749'	94.85	108 105	Ramp Running Slope	5.00	-0.07	-1.40%
115	42+67.71	8.566'	94.86	105 103	Crosswalk Cross Slope	10.88	-0.16	-1.47%
				108 107	Sidewalk Cross Slope	8.00	-0.07	-0.87%
				108 114	Sidewalk Cross Slope	8.00	0.15	1.88%
				109 214	Ramp Cross Slope	8.00	0.11	1.37%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
110	100+79.29	3.95'	94.71	110 111	Ramp Running Slope	9.33	0.14	1.50%
111	42+59.76	88.620'	94.85	111 217	Sidewalk Running Slope	8.00	0.05	0.63%
116	100+76.48	4.05'	94.75	217 216	Sidewalk Cross Slope	7.33	-0.11	-1.50%
215	100+80.62	4.05'	94.77	216 215	Ramp Running Slope	2.00	-0.02	-1.00%
216	100+79.29	4.05'	94.79	215 116	Level Landing	2.82	-0.02	-0.71%
217	100+88.67	4.00'	94.90	116 110	Crosswalk Cross Slope	8.52	-0.04	-0.47%
				110 215	Ramp Cross Slope	8.00	0.06	0.75%

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NO.	DATE	REVISION	COMMENTS
1	1/13/16		ISSUED FOR PERMIT
2	4/18/16		ISSUED FOR CONSTRUCTION

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS

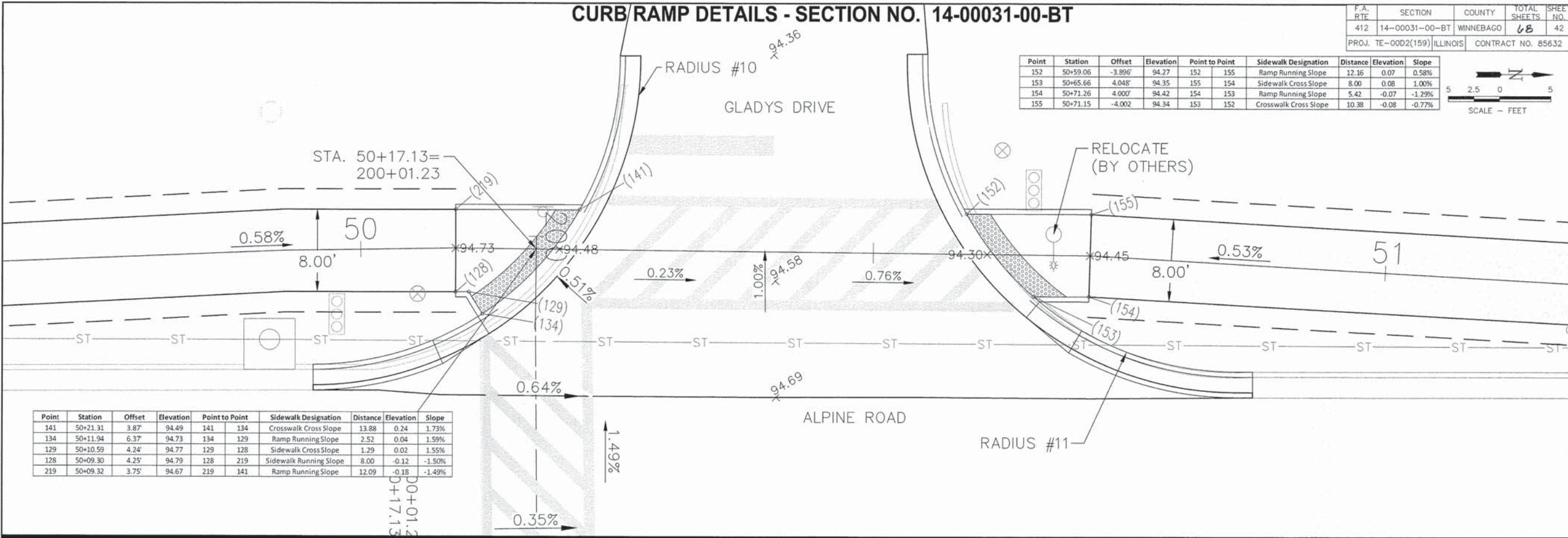
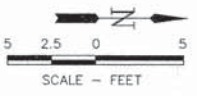
DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
1 : 5	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	
41	

CURB/RAMP DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	42
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

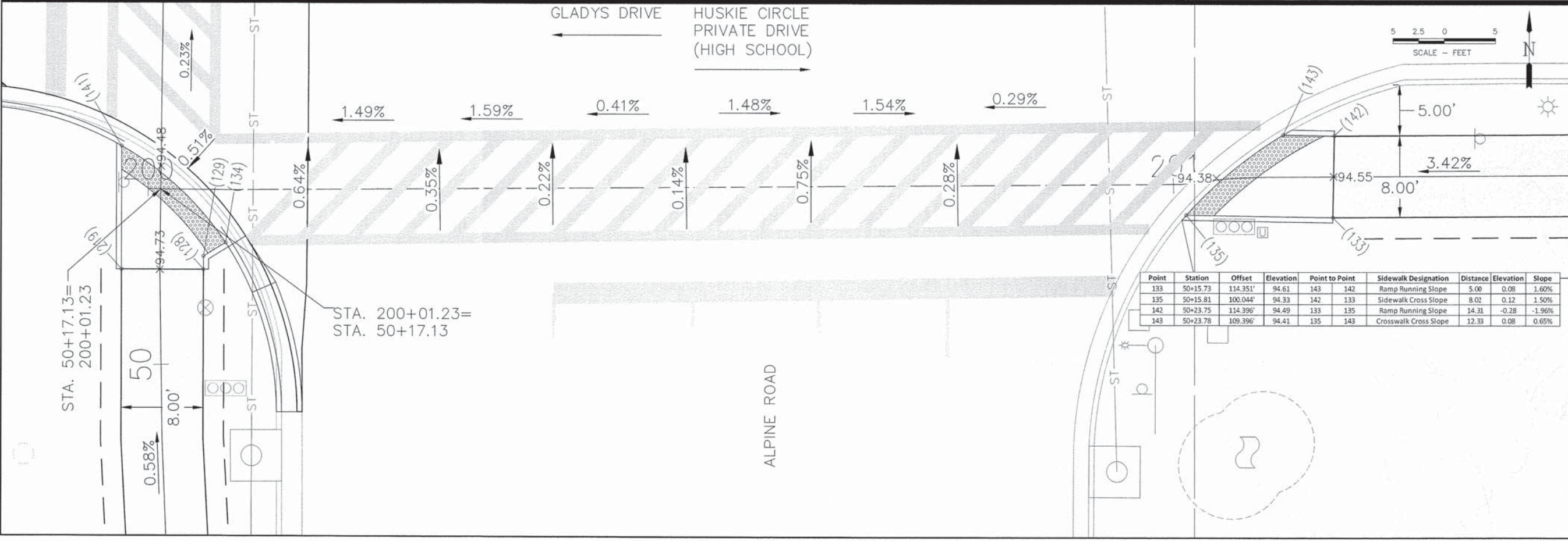
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Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
152	50+59.06	-3.89'	94.27	152 155	Ramp Running Slope	12.16	0.07	0.58%
153	50+65.66	-4.04'	94.35	155 154	Sidewalk Cross Slope	8.00	0.08	1.00%
154	50+71.26	-4.00'	94.42	154 153	Ramp Running Slope	5.42	-0.07	-1.29%
155	50+71.15	-4.00'	94.34	153 152	Crosswalk Cross Slope	10.38	-0.08	-0.77%



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
141	50+21.31	3.87'	94.49	141 134	Crosswalk Cross Slope	13.88	0.24	1.73%
134	50+11.94	6.37'	94.73	134 129	Ramp Running Slope	2.52	0.04	1.59%
129	50+10.59	4.24'	94.77	129 128	Sidewalk Cross Slope	1.29	0.02	1.55%
128	50+09.30	4.25'	94.79	128 219	Sidewalk Running Slope	8.00	-0.12	-1.50%
219	50+09.32	3.75'	94.67	219 141	Ramp Running Slope	12.09	-0.18	-1.49%

NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
133	50+15.73	114.351'	94.61	143 142	Ramp Running Slope	5.00	0.08	1.60%
135	50+15.81	100.044'	94.33	142 133	Sidewalk Cross Slope	8.02	0.12	1.50%
142	50+23.75	114.396'	94.49	133 135	Ramp Running Slope	14.31	-0.28	-1.96%
143	50+23.78	109.396'	94.41	135 143	Crosswalk Cross Slope	12.33	0.08	0.65%

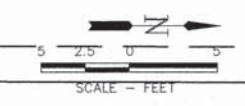
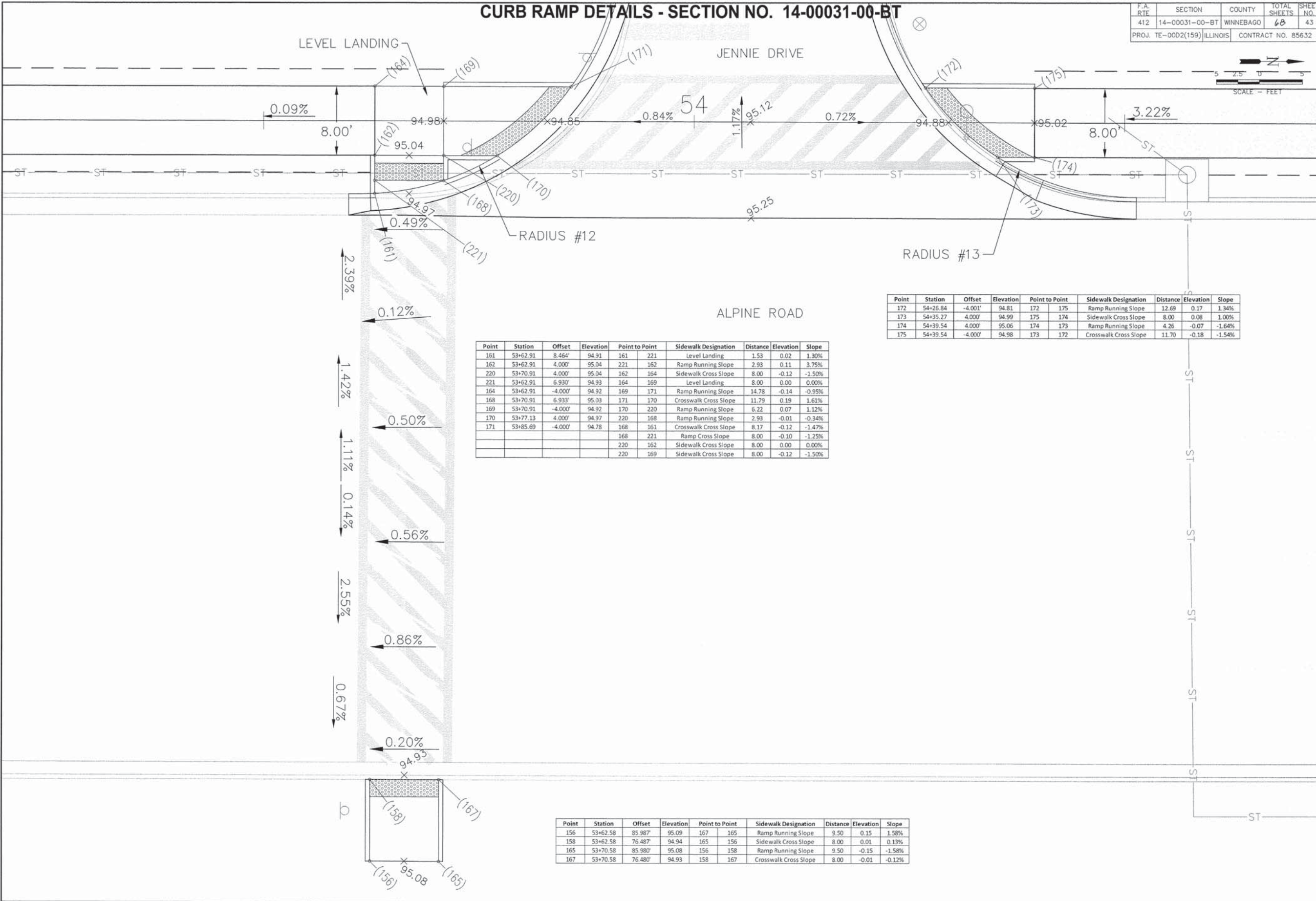
**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS**

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. MO031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 42	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	43
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
161	53+62.91	8.464'	94.91	161 221	Level Landing	1.53	0.02	1.30%
162	53+62.91	4.000'	95.04	221 162	Ramp Running Slope	2.93	0.11	3.75%
220	53+70.91	4.000'	95.04	162 164	Sidewalk Cross Slope	8.00	-0.12	-1.50%
221	53+62.91	6.930'	94.93	164 169	Level Landing	8.00	0.00	0.00%
164	53+62.91	-4.000'	94.92	169 171	Ramp Running Slope	14.78	-0.14	-0.95%
168	53+70.91	6.933'	95.03	171 170	Crosswalk Cross Slope	11.79	0.19	1.61%
169	53+70.91	-4.000'	94.92	170 220	Ramp Running Slope	6.22	0.07	1.12%
170	53+77.13	4.000'	94.97	220 168	Ramp Running Slope	2.93	-0.01	-0.34%
171	53+85.69	-4.000'	94.78	168 161	Crosswalk Cross Slope	8.17	-0.12	-1.47%
				168 221	Ramp Cross Slope	8.00	-0.10	-1.25%
				220 162	Sidewalk Cross Slope	8.00	0.00	0.00%
				220 169	Sidewalk Cross Slope	8.00	-0.12	-1.50%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
172	54+26.84	-4.001'	94.81	172 175	Ramp Running Slope	12.69	0.17	1.34%
173	54+35.27	-4.000'	94.99	175 174	Sidewalk Cross Slope	8.00	0.08	1.00%
174	54+39.54	4.000'	95.06	174 173	Ramp Running Slope	4.26	-0.07	-1.64%
175	54+39.54	-4.000'	94.98	173 172	Crosswalk Cross Slope	11.70	-0.18	-1.54%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
156	53+62.58	85.987'	95.09	167 165	Ramp Running Slope	9.50	0.15	1.58%
158	53+62.58	76.487'	94.94	165 156	Sidewalk Cross Slope	8.00	0.01	0.13%
165	53+70.58	85.980'	95.08	156 158	Ramp Running Slope	9.50	-0.15	-1.58%
167	53+70.58	76.480'	94.93	158 167	Crosswalk Cross Slope	8.00	-0.01	-0.12%

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NO.	DATE	REVISION
1	1/13/16	EDOT COMMENTS
2	4/18/16	EDOT COMMENTS

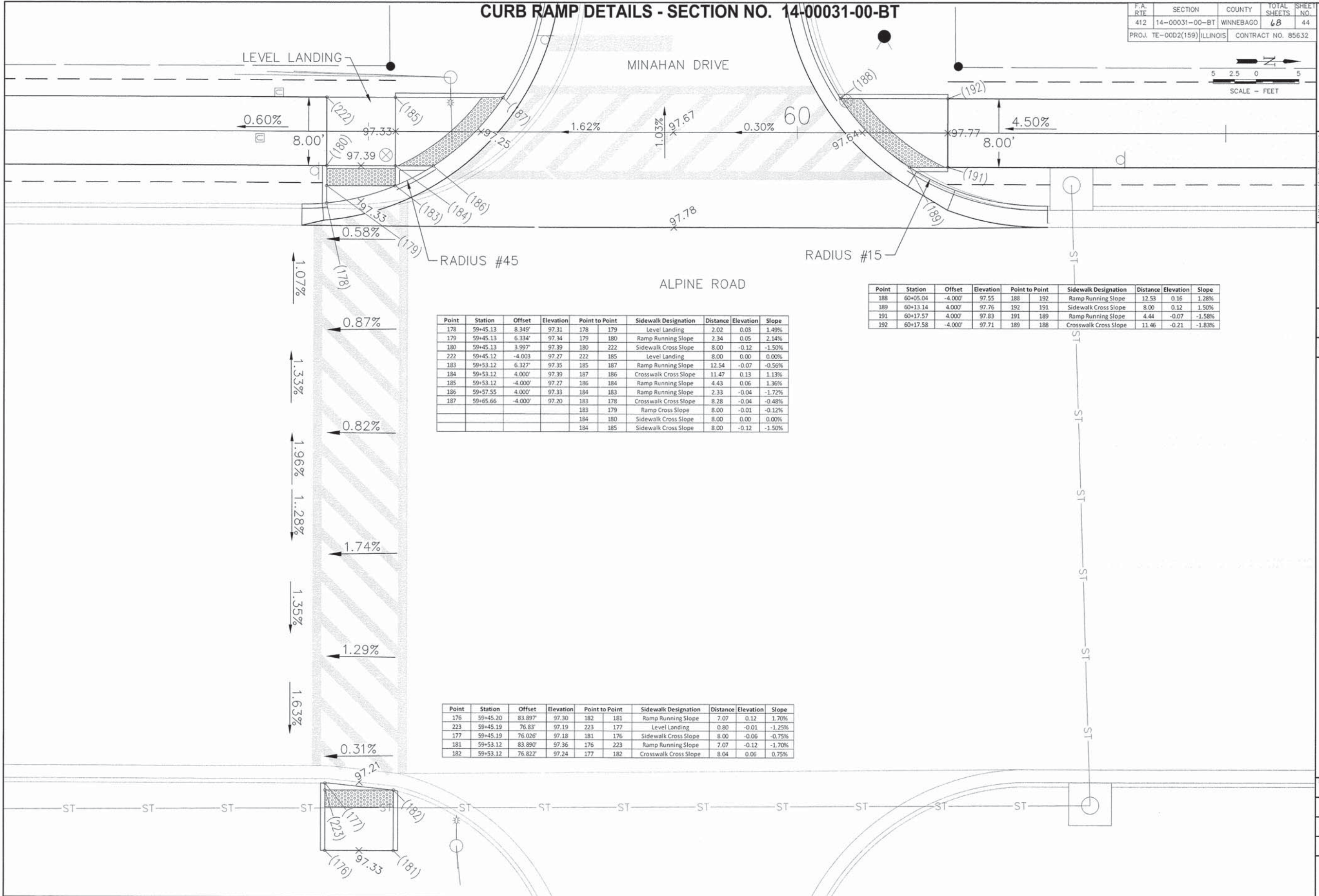
**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS**

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. MO031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	44
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope	
178	59+45.13	8.349'	97.31	178	179	Level Landing	2.02	0.03	1.49%
179	59+45.13	6.334'	97.34	179	180	Ramp Running Slope	2.34	0.05	2.14%
180	59+45.13	3.997'	97.39	180	222	Sidewalk Cross Slope	8.00	-0.12	-1.50%
222	59+45.12	-4.003'	97.27	222	185	Level Landing	8.00	0.00	0.00%
183	59+53.12	6.327'	97.35	185	187	Ramp Running Slope	12.54	-0.07	-0.56%
184	59+53.12	4.000'	97.39	187	186	Crosswalk Cross Slope	11.47	0.13	1.13%
185	59+53.12	-4.000'	97.27	186	184	Ramp Running Slope	4.43	0.06	1.36%
186	59+57.55	4.000'	97.33	184	183	Ramp Running Slope	2.33	-0.04	-1.72%
187	59+65.66	-4.000'	97.20	183	178	Crosswalk Cross Slope	8.28	-0.04	-0.48%
				183	179	Ramp Cross Slope	8.00	-0.01	-0.12%
				184	180	Sidewalk Cross Slope	8.00	0.00	0.00%
				184	185	Sidewalk Cross Slope	8.00	-0.12	-1.50%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope	
188	60+05.04	-4.000'	97.55	188	192	Ramp Running Slope	12.53	0.16	1.28%
189	60+13.14	-4.000'	97.76	192	191	Sidewalk Cross Slope	8.00	0.12	1.50%
191	60+17.57	4.000'	97.83	191	189	Ramp Running Slope	4.44	-0.07	-1.58%
192	60+17.58	-4.000'	97.71	189	188	Crosswalk Cross Slope	11.46	-0.21	-1.83%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope	
176	59+45.20	83.897'	97.30	182	181	Ramp Running Slope	7.07	0.12	1.70%
223	59+45.19	76.83'	97.19	223	177	Level Landing	0.80	-0.01	-1.25%
177	59+45.19	76.026'	97.18	181	176	Sidewalk Cross Slope	8.00	-0.06	-0.75%
181	59+53.12	83.890'	97.36	176	223	Ramp Running Slope	7.07	-0.12	-1.70%
182	59+53.12	76.822'	97.24	177	182	Crosswalk Cross Slope	8.04	0.06	0.75%

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NO.	DATE	REVISION
1	1/13/16	IBOT COMMENTS
2	4/16/16	IBOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

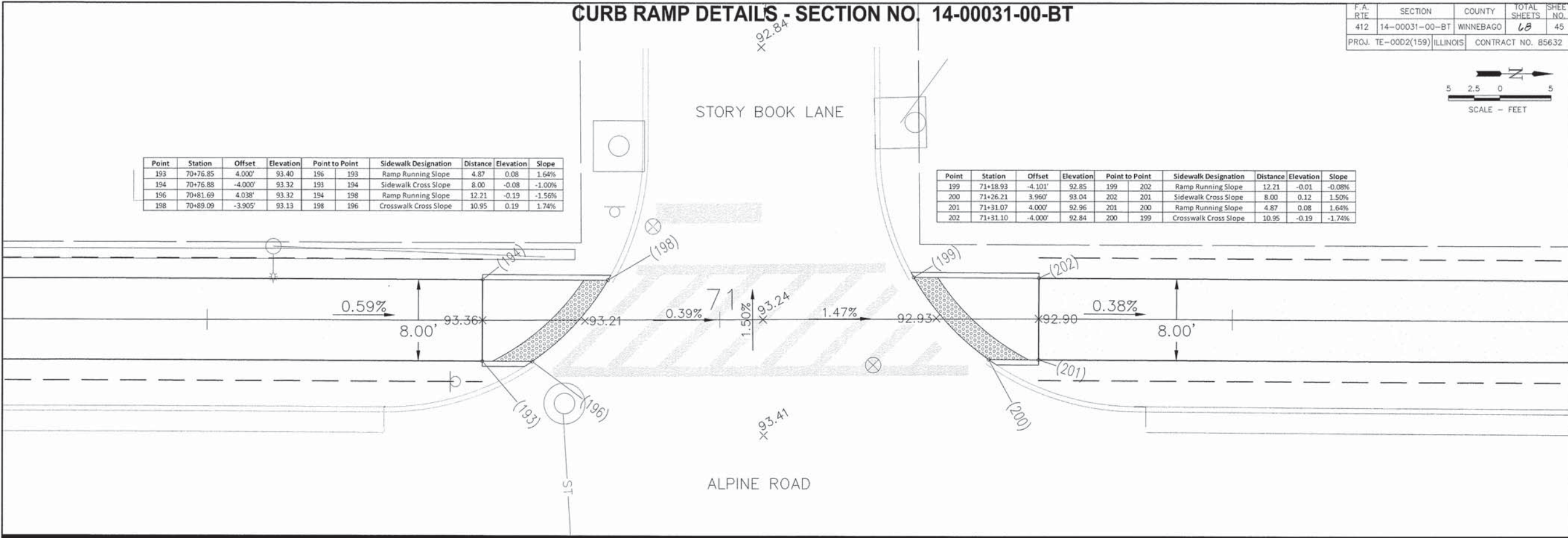
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	45
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

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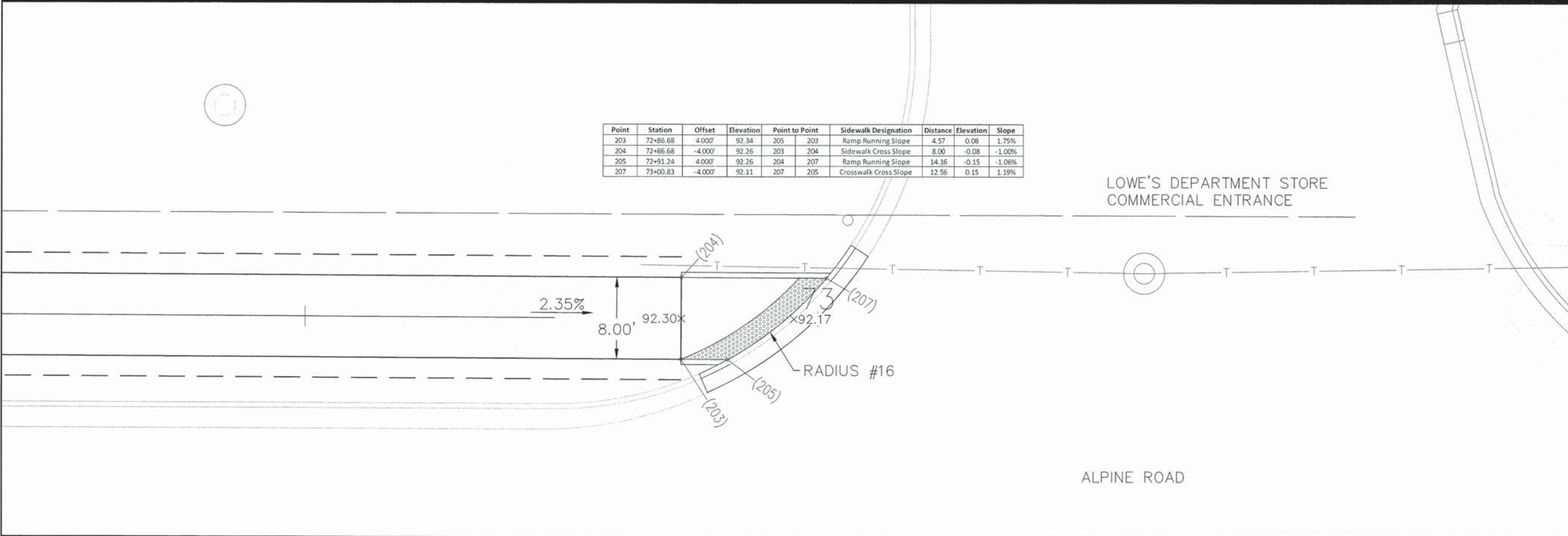


Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
193	70+76.85	4.00'	93.40	196	Ramp Running Slope	4.87	0.08	1.64%
194	70+76.88	-4.00'	93.32	193	Sidewalk Cross Slope	8.00	-0.08	-1.00%
196	70+81.69	4.038'	93.32	194	Ramp Running Slope	12.21	-0.19	-1.56%
198	70+89.09	-3.905'	93.13	196	Crosswalk Cross Slope	10.95	0.19	1.74%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
199	71+18.93	-4.101'	92.85	199	Ramp Running Slope	12.21	-0.01	-0.08%
200	71+26.21	3.960'	93.04	202	Sidewalk Cross Slope	8.00	0.12	1.50%
201	71+31.07	4.000'	92.96	201	Ramp Running Slope	4.87	0.08	1.64%
202	71+31.10	-4.000'	92.84	200	Crosswalk Cross Slope	10.95	-0.19	-1.74%



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
203	72+86.68	4.000'	92.34	205	Ramp Running Slope	4.57	0.08	1.75%
204	72+86.68	-4.000'	92.26	203	Sidewalk Cross Slope	8.00	-0.08	-1.00%
205	72+91.24	4.000'	92.26	204	Ramp Running Slope	14.16	-0.15	-1.06%
207	73+00.83	-4.000'	92.11	207	Crosswalk Cross Slope	12.56	0.15	1.19%



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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

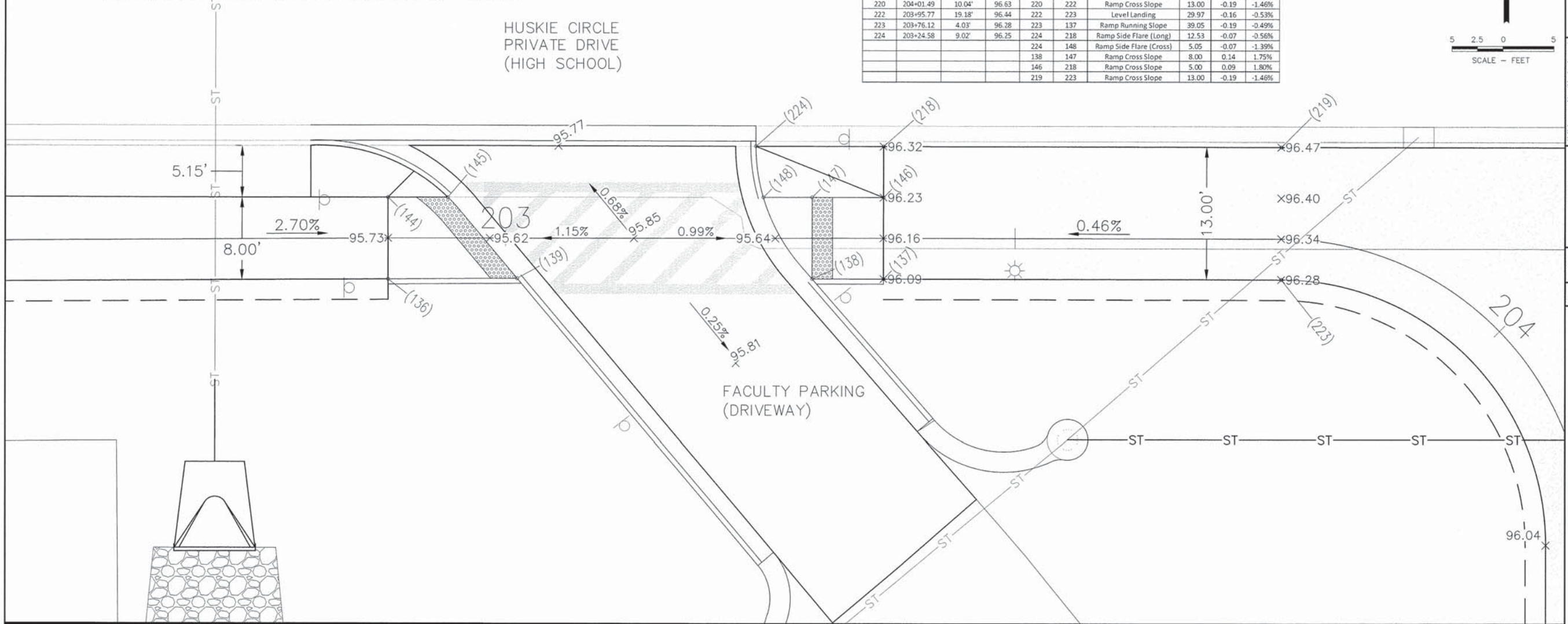
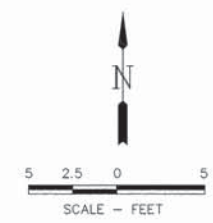
CURB RAMP DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	46
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
136	50+18.49	287.201'	95.77	139 136	Ramp Running Slope	12.66	0.13	1.03%
139	50+18.70	299.864'	95.64	136 144	Sidewalk Cross Slope	8.03	-0.08	-1.00%
144	50+26.52	287.113'	95.69	144 145	Ramp Running Slope	5.85	-0.10	-1.71%
145	50+26.59	292.962'	95.59	145 139	Crosswalk Cross Slope	10.48	0.05	0.48%

Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	Distance	Elevation	Slope
137	203+37.07	3.98'	96.09	148 147	Level Landing	4.80	0.00	0.00%
138	203+30.07	3.97'	95.56	147 146	Ramp Running Slope	7.00	0.53	7.57%
146	203+37.08	4.02'	96.23	146 137	Sidewalk Cross Slope	8.00	-0.14	-1.75%
147	203+30.08	4.03'	95.70	137 138	Ramp Running Slope	7.00	-0.53	-7.57%
148	203+25.29	4.03'	95.70	138 148	Crosswalk Cross Slope	9.42	0.14	1.49%
218	203+76.12	8.82'	96.32	218 219	Ramp Running Slope	39.03	0.15	0.38%
219	203+76.12	8.97'	96.47	219 220	Level Landing	29.97	0.16	0.53%
220	204+01.49	10.04'	96.63	220 222	Ramp Cross Slope	13.00	-0.19	-1.46%
222	203+95.77	19.18'	96.44	222 223	Level Landing	29.97	-0.16	-0.53%
223	203+76.12	4.03'	96.28	223 137	Ramp Running Slope	39.05	-0.19	-0.49%
224	203+24.58	9.02'	96.25	224 218	Ramp Side Flare (Long)	12.53	-0.07	-0.56%
				224 148	Ramp Side Flare (Cross)	5.05	-0.07	-1.39%
				138 147	Ramp Cross Slope	8.00	0.14	1.75%
				146 218	Ramp Cross Slope	5.00	0.09	1.80%
				219 223	Ramp Cross Slope	13.00	-0.19	-1.46%

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NO.	DATE	REVISION
1	1/13/16	IBOT COMMENTS
2	4/19/16	IBOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RAMP DETAILS

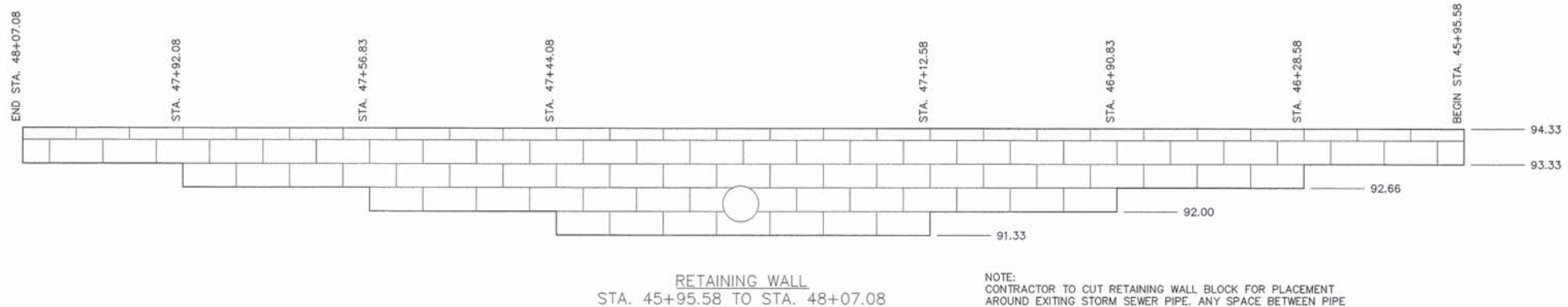
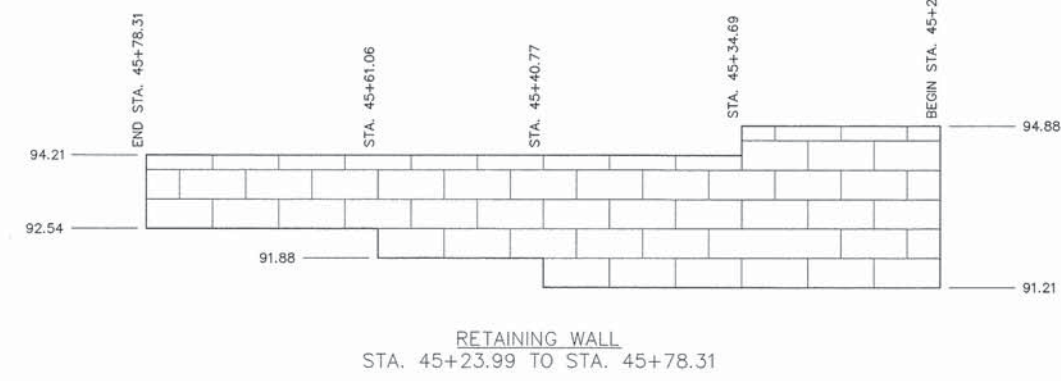
DESIGNED N.J.A.	DRAWN J.J.D.
SCALE 1 : 5	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

RETAINING WALL DETAILS - SECTION NO. 14-00031-00-BT

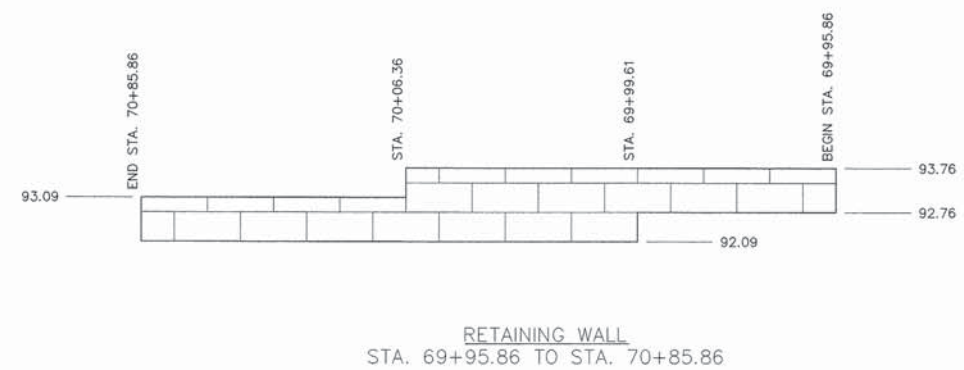
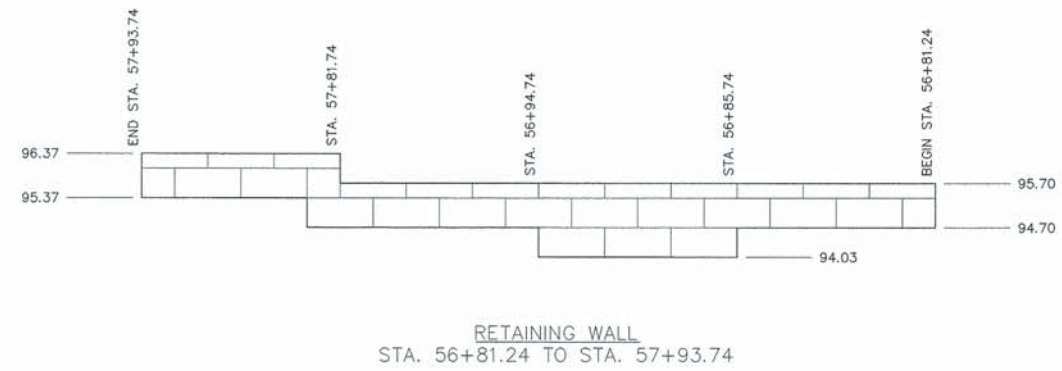
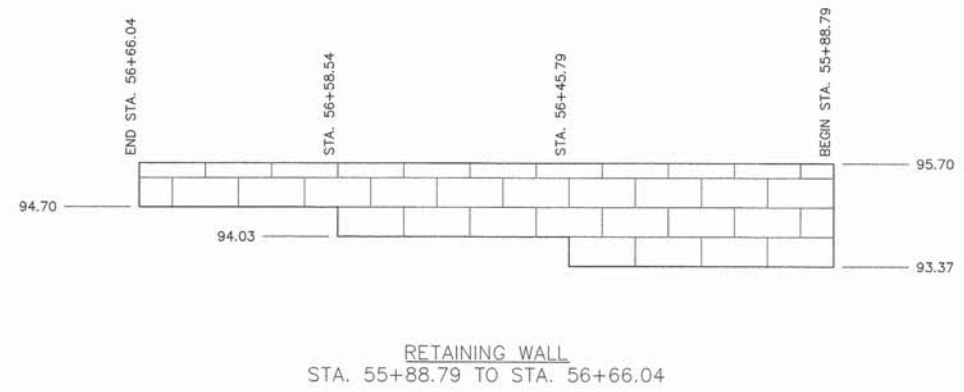
F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	63	47
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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NOTE:
WALL SECTIONS - STANDING WEST OF WALL LOOKING EAST.



NOTE:
CONTRACTOR TO CUT RETAINING WALL BLOCK FOR PLACEMENT AROUND EXITING STORM SEWER PIPE. ANY SPACE BETWEEN PIPE AND ADJACENT BLOCK SHALL BE SEALED W/ NON-SHRINK GROUT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE FOR MODULAR BLOCK RETAINING WALL.



McMahon provides the framing and construction details for retaining walls. The contractor shall verify all dimensions of service. All rights reserved. The client and/or recipient agrees to the latest extent of the project. McMahon reserves the right to modify or delete any portion of drawings or data without prior written consent by McMahon.

NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RETAINING WALL DETAILS**

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE NONE	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

RETAINING WALL DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTF	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	48
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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NO.	DATE	REVISION	DOT COMMENTS	DOT COMMENTS
1	1/13/16			
2	4/18/16			

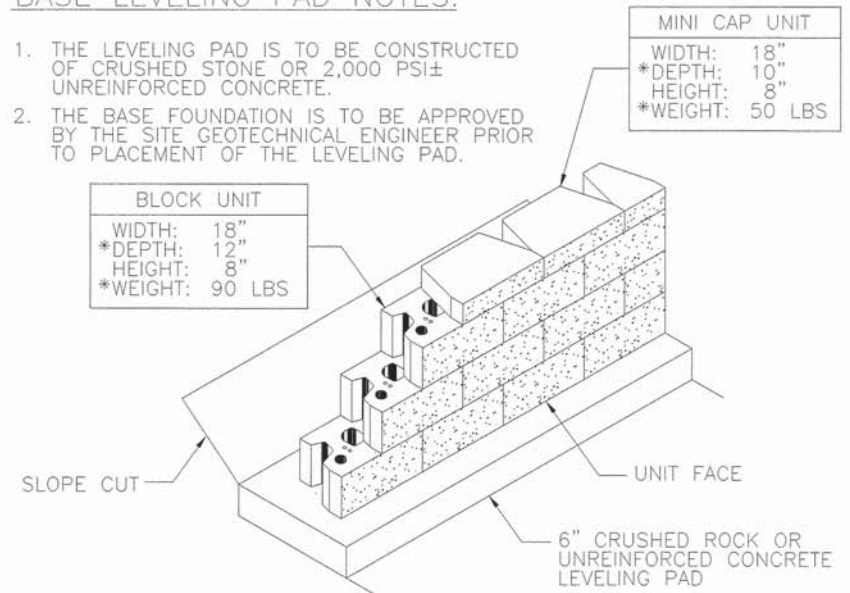
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
RETAINING WALL DETAILS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE NONE	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

48

BASE LEVELING PAD NOTES:

1. THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED STONE OR 2,000 PSI± UNREINFORCED CONCRETE.
2. THE BASE FOUNDATION IS TO BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD.

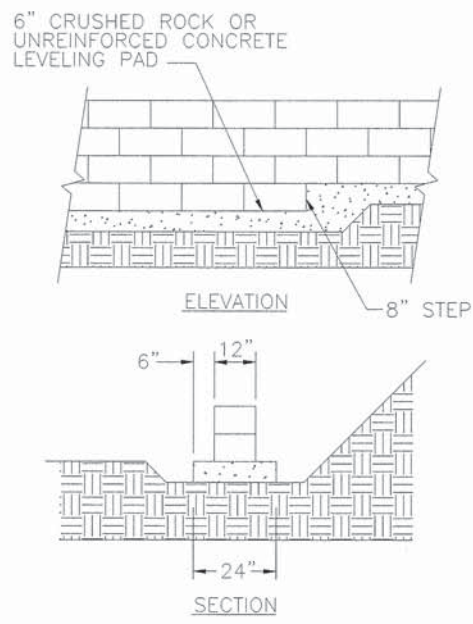


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HEIGHT:	8"
*WEIGHT:	90 LBS

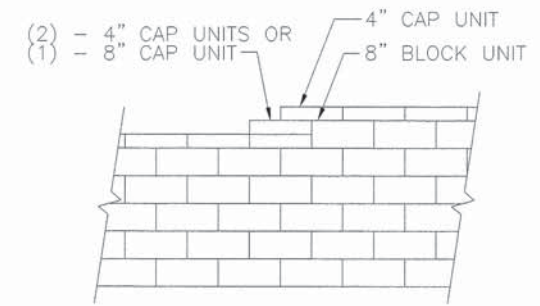
MINI CAP UNIT	
WIDTH:	18"
*DEPTH:	10"
HEIGHT:	8"
*WEIGHT:	50 LBS

BLOCK UNIT/BASE PAD ISOMETRIC VIEW
SCALE: NONE

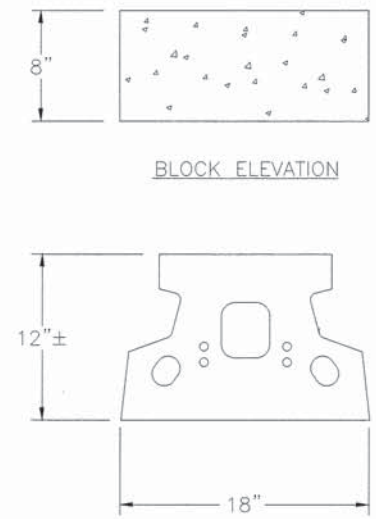
*DIMENSIONS & WEIGHT MAY VARY BY REGION



LEVELING PAD DETAIL
SCALE: NONE



TOP OF WALL STEPS
SCALE: NONE

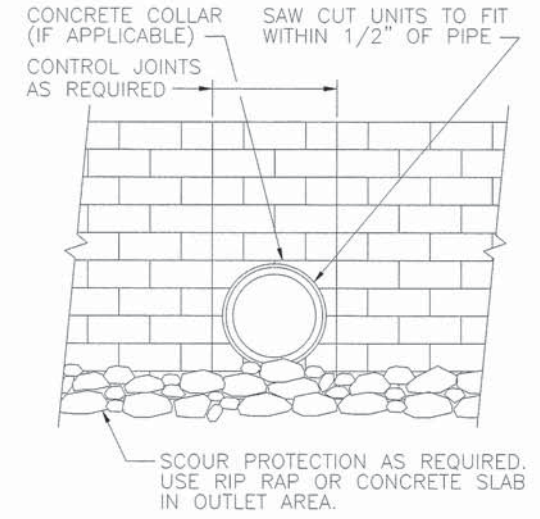


BLOCK PLAN
SCALE: NONE

BLOCK UNIT
SCALE: NONE

NOTE:

1. FOR PIPES LARGER THAN 24", A CONCRETE COLLAR MAY BE CAST AROUND PIPE FOR EASE OF CONSTRUCTION AND APPEARANCE.

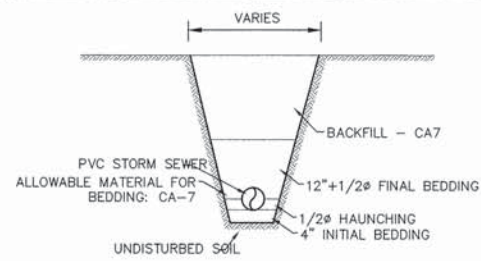


TYPICAL PIPE OUTLET DETAIL
SCALE: NONE

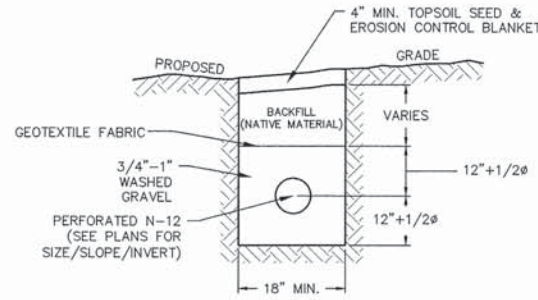
DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	49
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

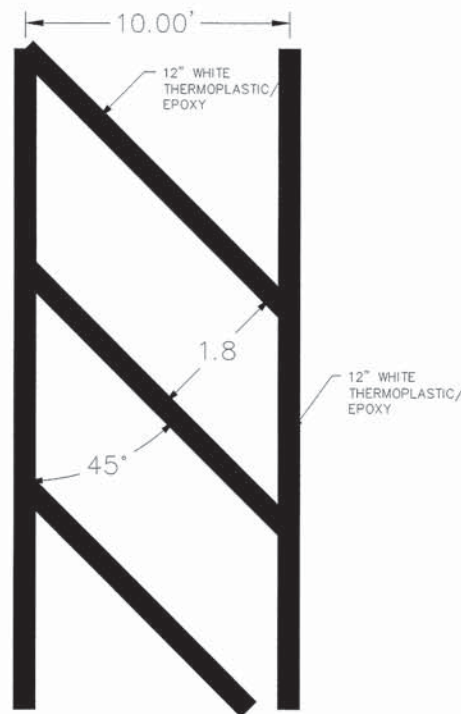
McMAHON
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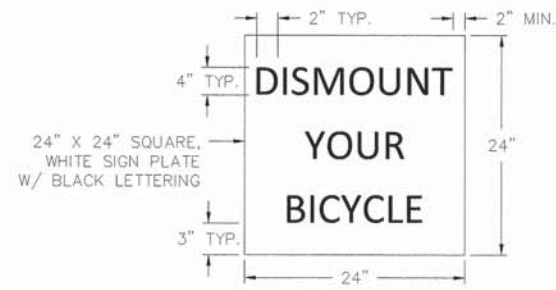
**TRENCH DETAIL
(NON-PERFORATED PIPE)**



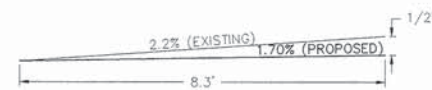
**INFILTRATION TRENCH
(PERFORATED PIPE ONLY)**



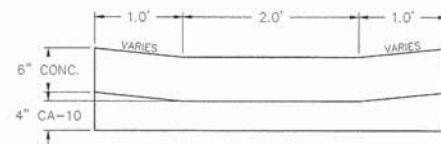
TYPICAL CROSSWALK DETAIL



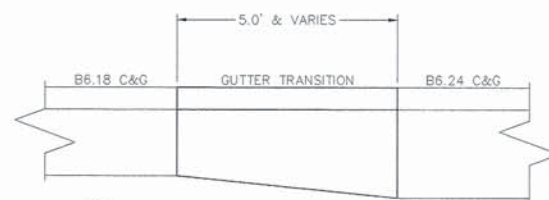
**DISMOUNT YOUR BICYCLE
CUSTOM SIGN**



**PROFILE DIAMOND GRINDING
CONCRETE PAVEMENT
STA. 102+88.97 TO STA. 103+18.97**

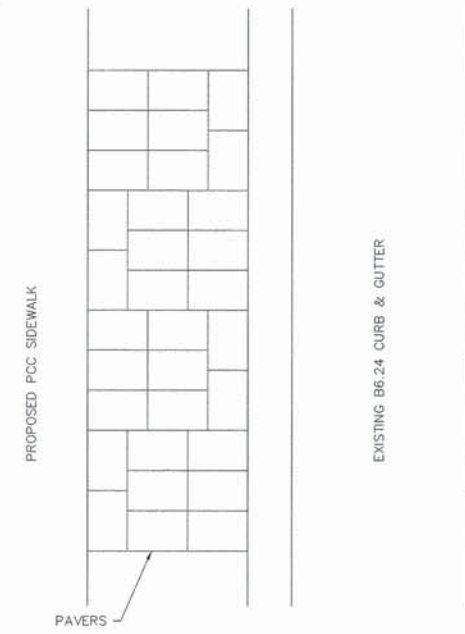


4' CONCRETE FLUME

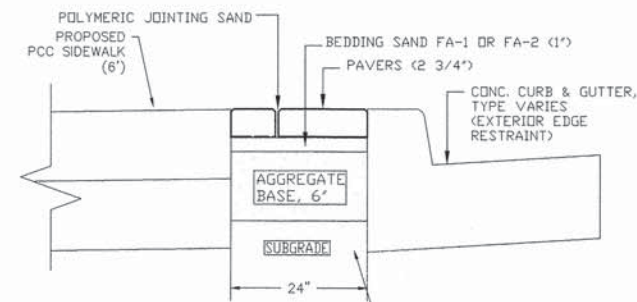


NOTE:
TRANSITION SHALL BE LOCATED OUTSIDE OF
PROPOSED CURB CUTS FOR CURB RAMPS.

TYPICAL CONC. GUTTER TRANSITION

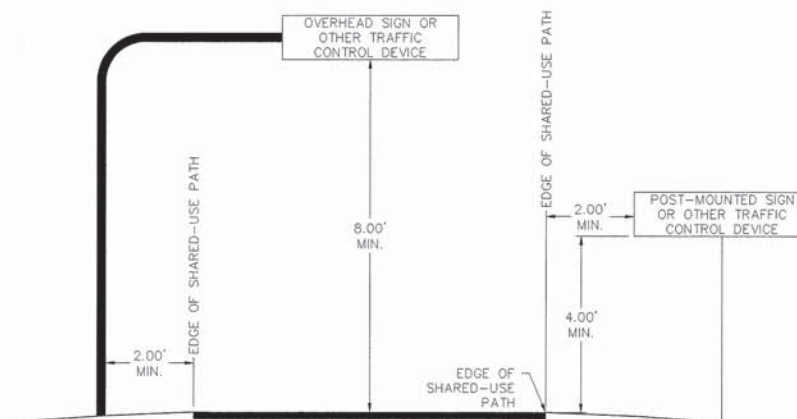


BLOCK LAYING PATTERN



PAVER CROSS SECTION DETAIL

NOTE:
SEE SPECIAL PROVISIONS IN CONTRACT
BOOKLET FOR PAVER SPECIFICATIONS.



**SIGN PLACEMENT ON SHARED-USE PATH
PER MUTCD FIG 9B-1**

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

**ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
DETAILS**

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE NONE	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

DETAILS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	50
PROJ. TE-00D2(159) ILLINOIS			CONTRACT NO. 85632	

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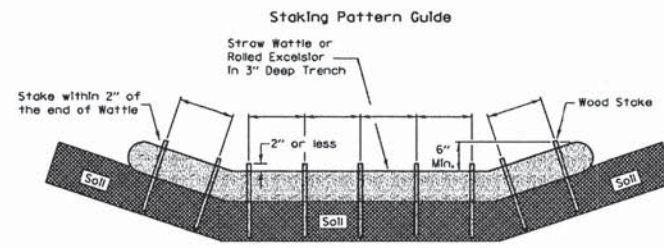
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NO.	DATE	REVISION	COMMENTS
1	1/13/16		ADD COMMENTS
2	4/18/16		ADD COMMENTS

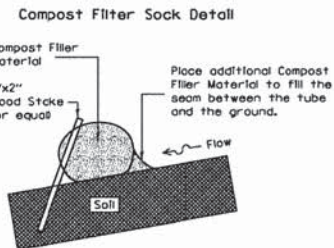
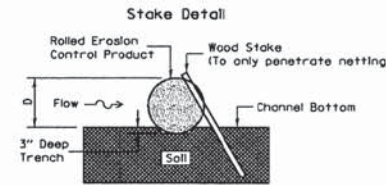
ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
DETAILS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE NONE	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	

ROLLED EROSION CONTROL PRODUCTS



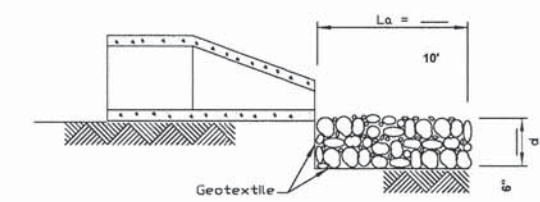
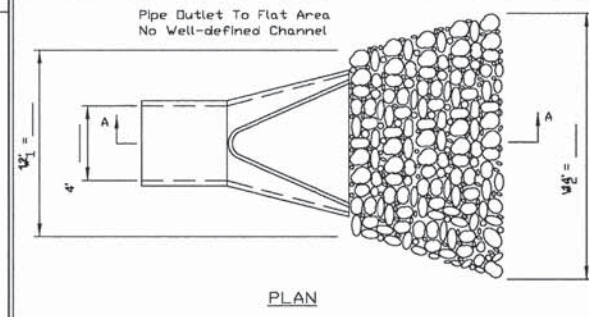
- Notes:
1. Overlap minimum is the diameter of the roll.
 2. 4' spacing for wattles.
 3. 2' spacing for rolled excelsior.
 4. Or space according to manufacturer's specifications.



When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

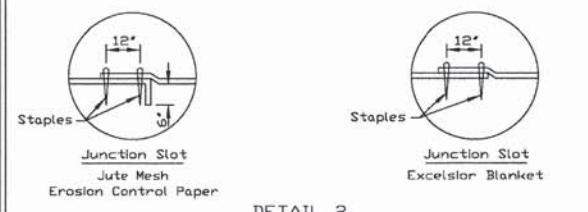
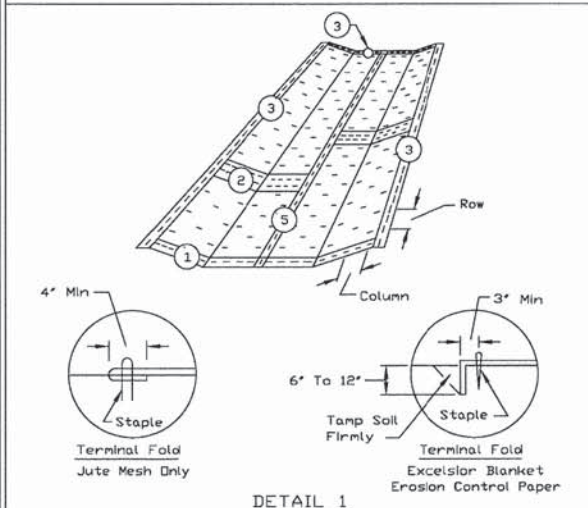
- Notes:
1. Drawings are not to scale.
 2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
 3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
 4. Stakes shall not extend above the straw wattle more than 2".
 5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
 6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

PIPE OUTLET TO FLAT AREA

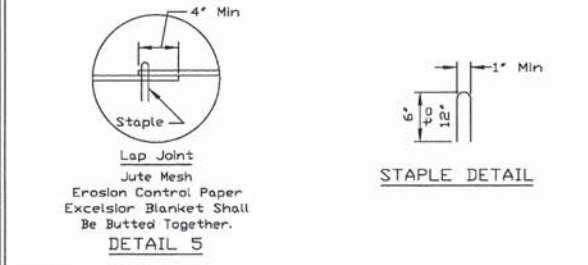
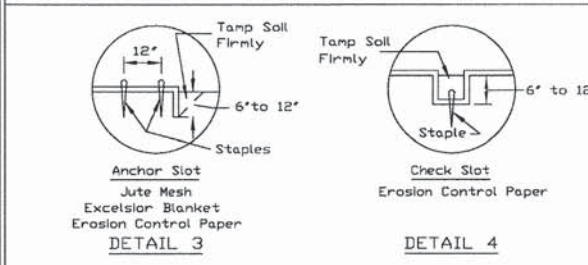


- NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
 2. The rock riprap shall meet the IDOT requirements for the following gradation: RR _____, Quality _____.
 3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipped with CLASS RI.

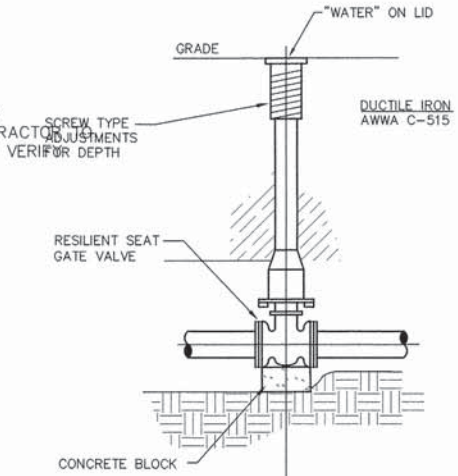
EROSION BLANKET PLAN



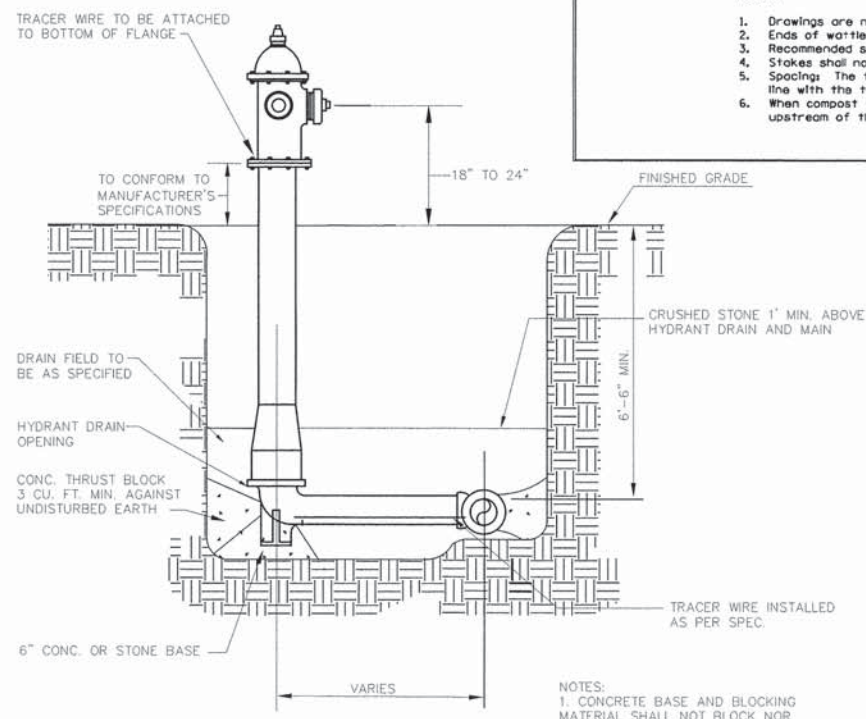
EROSION BLANKET PLAN



- NOTES:
1. On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
 2. Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4' x 225' roll of material and 125 staples are required per 4' x 150' roll of material.
 3. Erosion control material shall be placed loosely over ground surface. Do not stretch.
 4. All terminal ends and transverse laps shall be stapled at approximately 12" intervals.

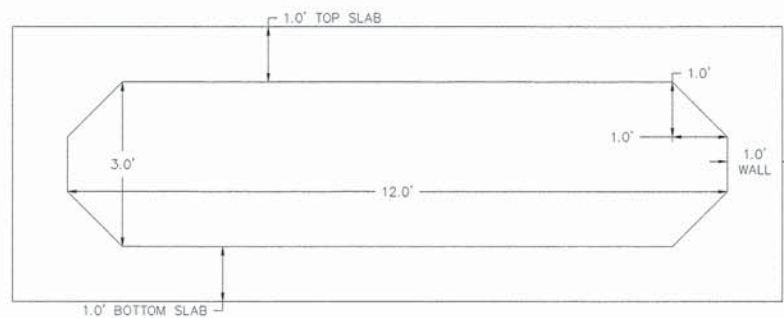


TYPICAL VALVE BOX INSTALLATION



- NOTES:
1. CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN.
 2. AUXILIARY GATE VALVE REQUIRED

TYPICAL HYDRANT INSTALLATION



3'X12' BOX CULVERT EXISTING CROSS SECTION

CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	48	51
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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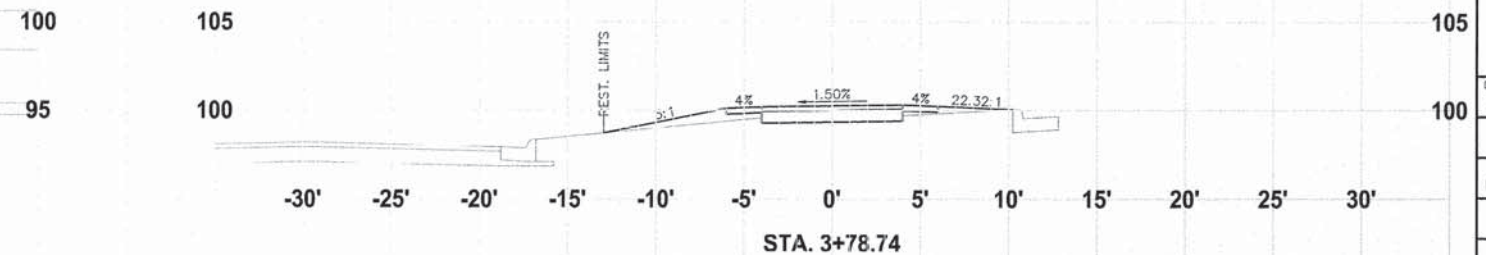
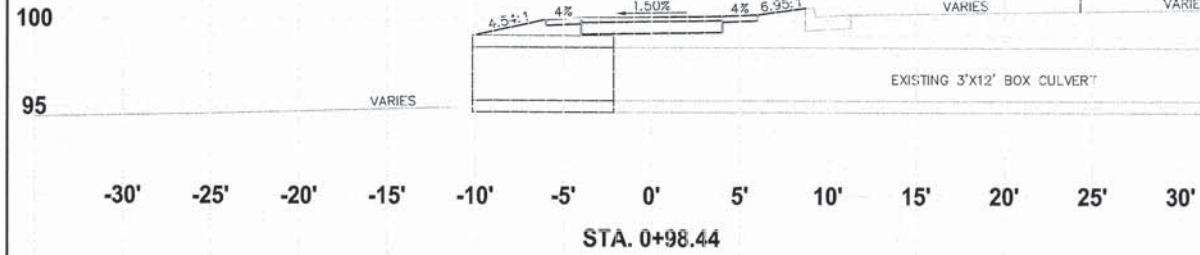
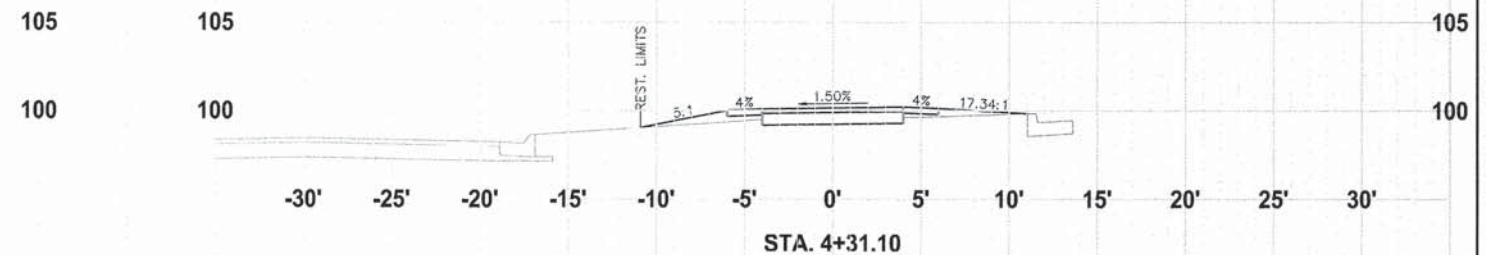
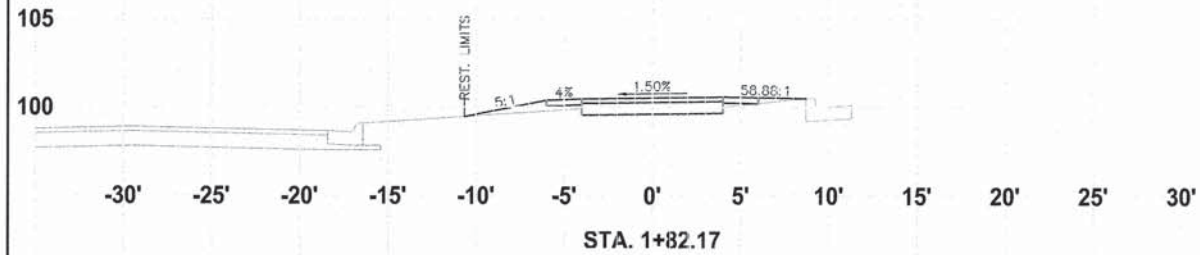
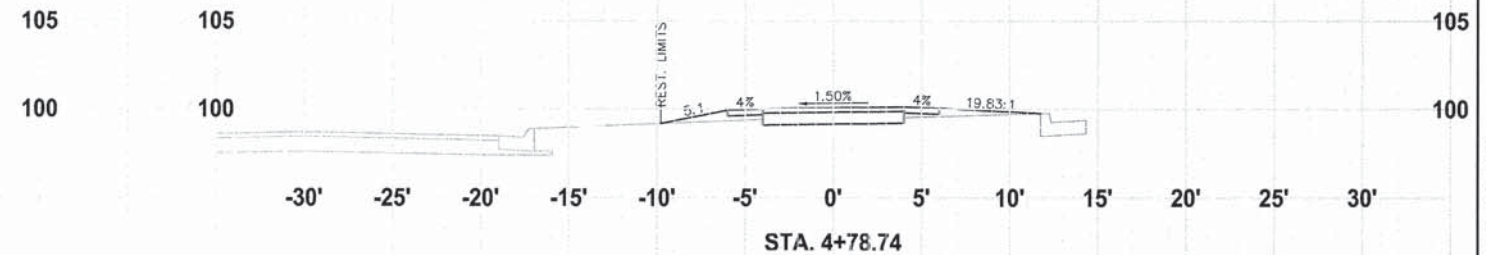
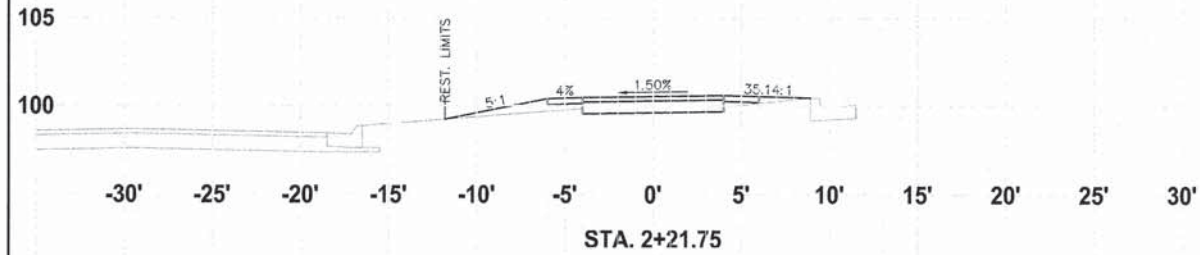
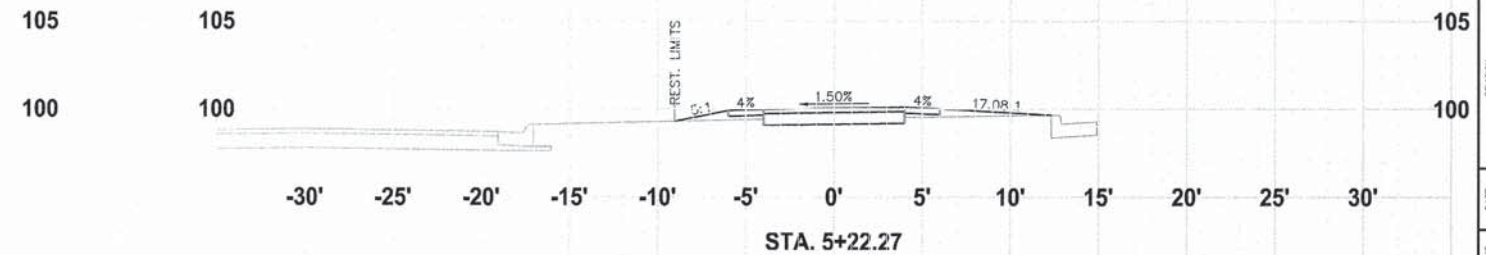
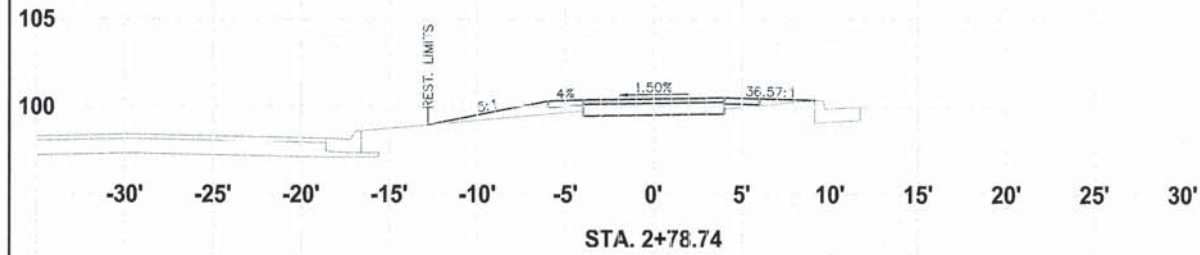
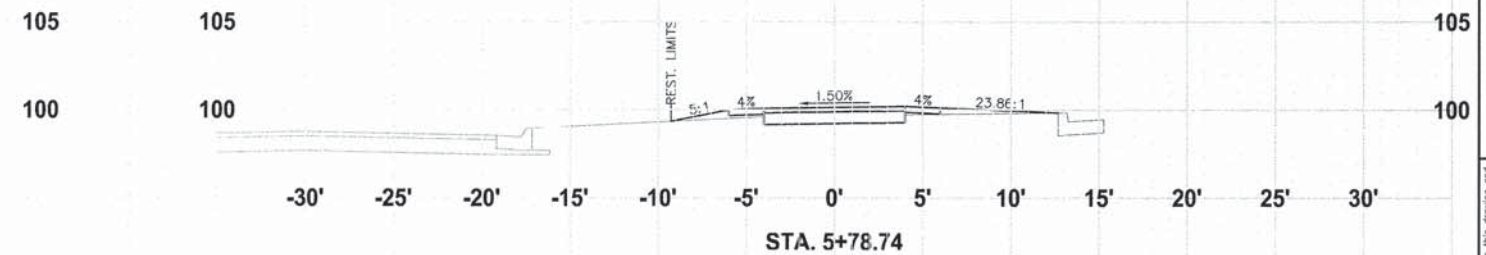
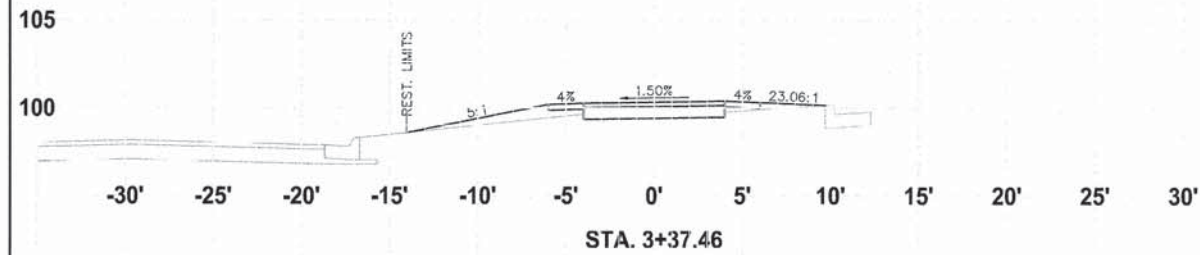
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NO.	DATE	REVISION
1	1/11/16	DOT COMMENTS
2	4/19/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.

SCALE
HORIZ. 1" = 5'
VERT. 1" = 5'
PROJECT NO.
M0031-73-0135
DATE
DEC. 16, 2015
SHEET NO.



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	52
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED: N.J.A. DRAWN: J.J.D.

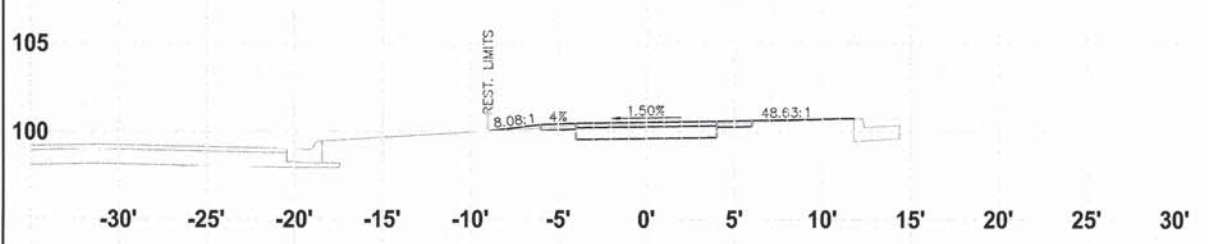
SCALE: HORIZ. 1" = 50'

PROJECT NO. MO031-73-0135

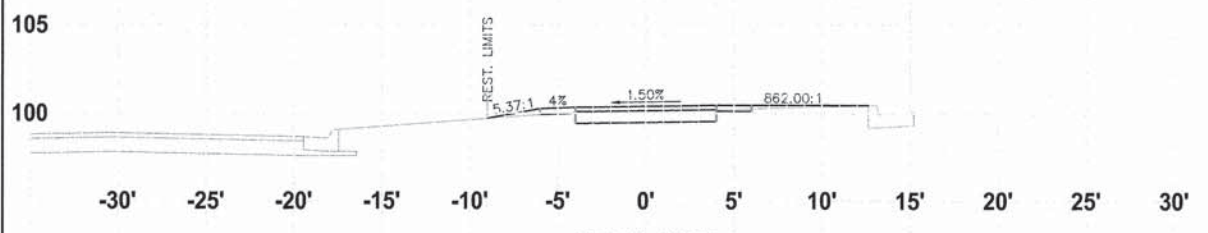
DATE: DEC. 16, 2015

SHEET NO.

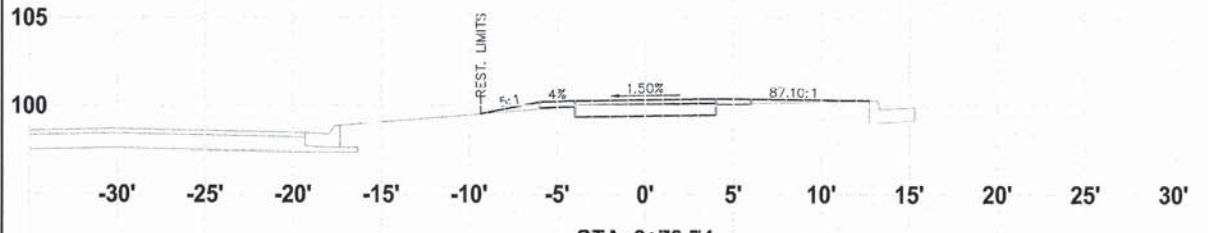
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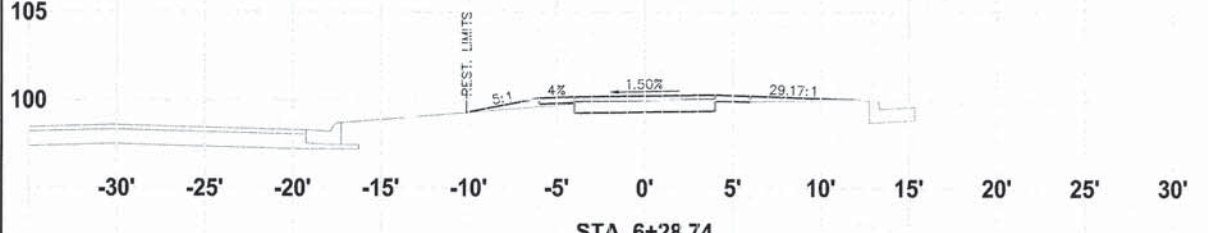
STA. 7+78.75



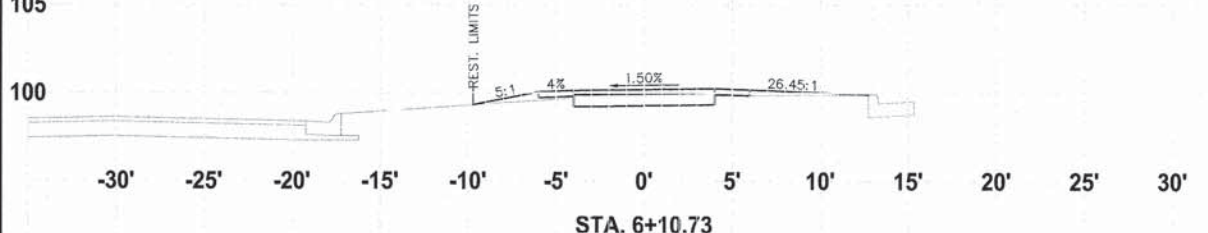
STA. 7+13.65



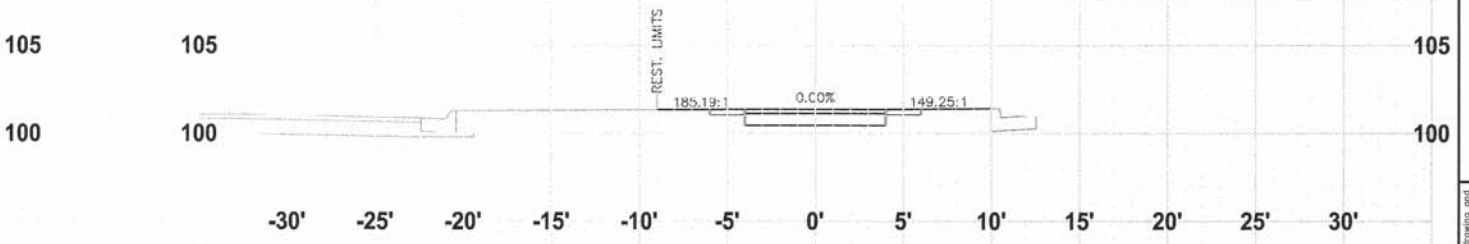
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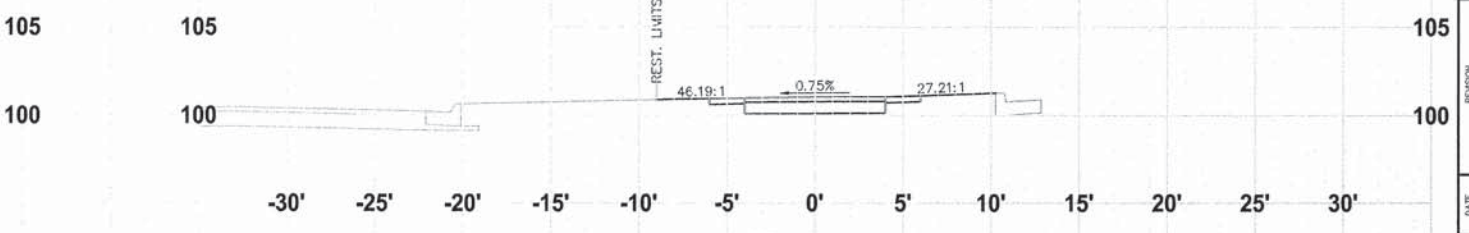
STA. 6+28.74



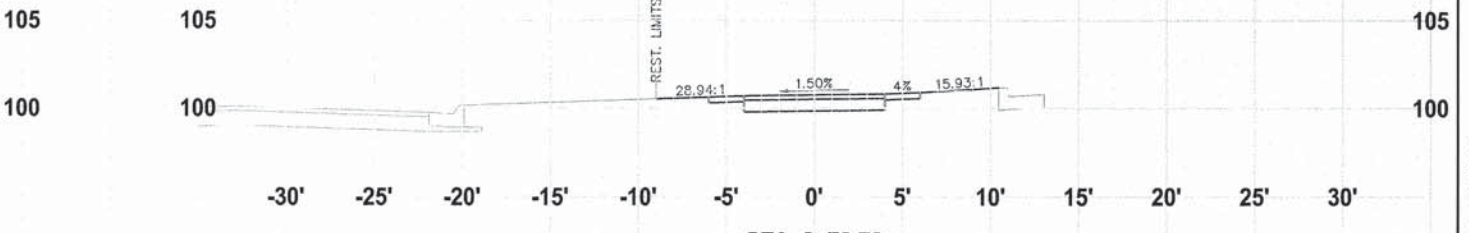
STA. 6+10.73



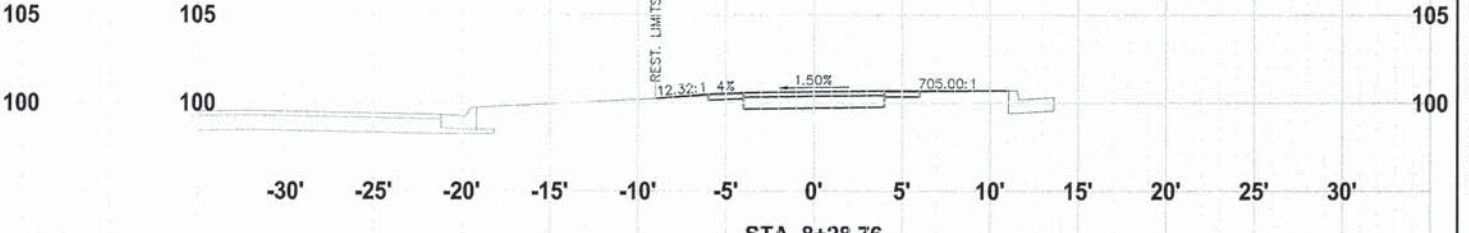
STA. 9+28.76



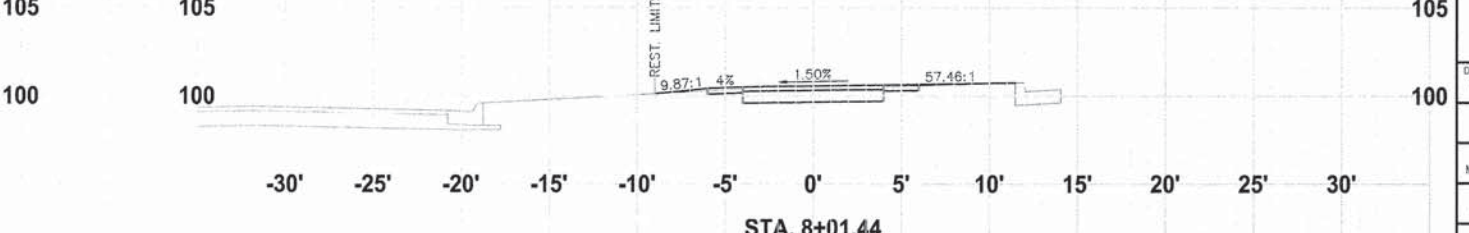
STA. 9+00.34



STA. 8+78.76



STA. 8+28.76



STA. 8+01.44

CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	53
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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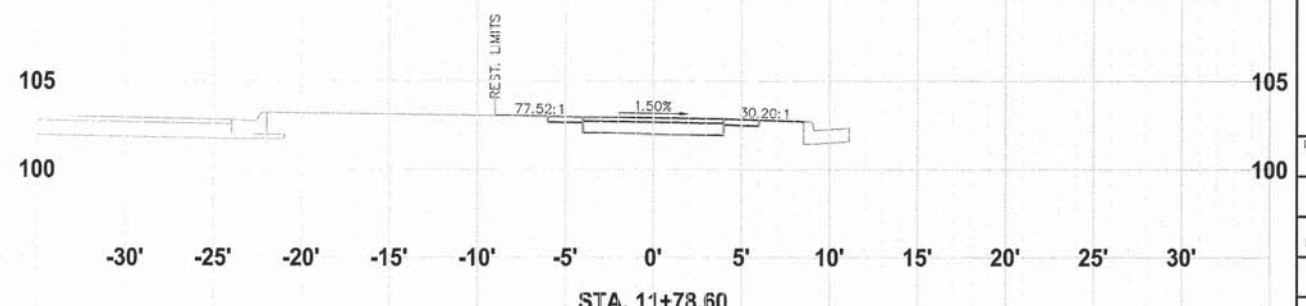
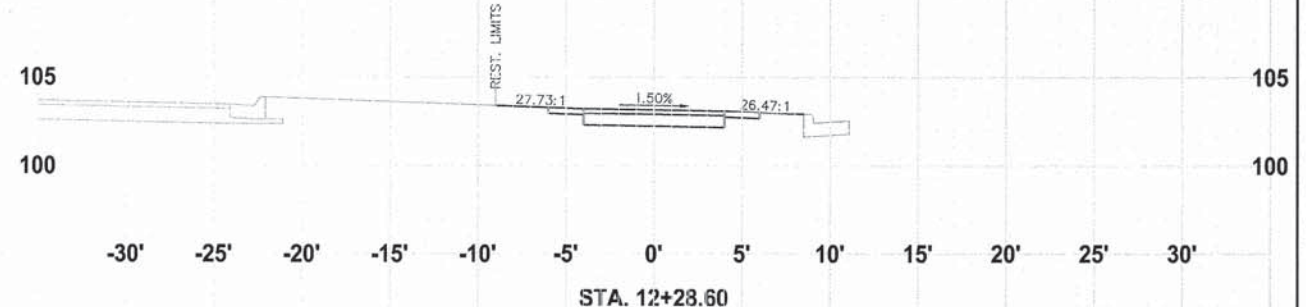
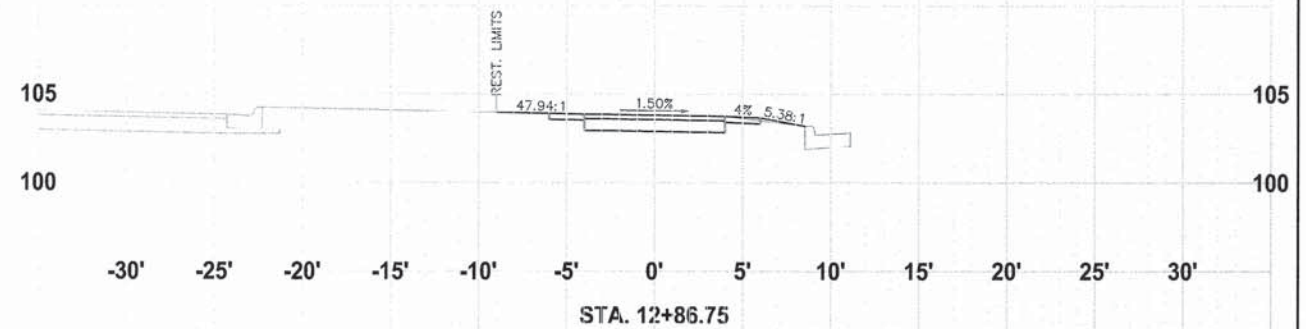
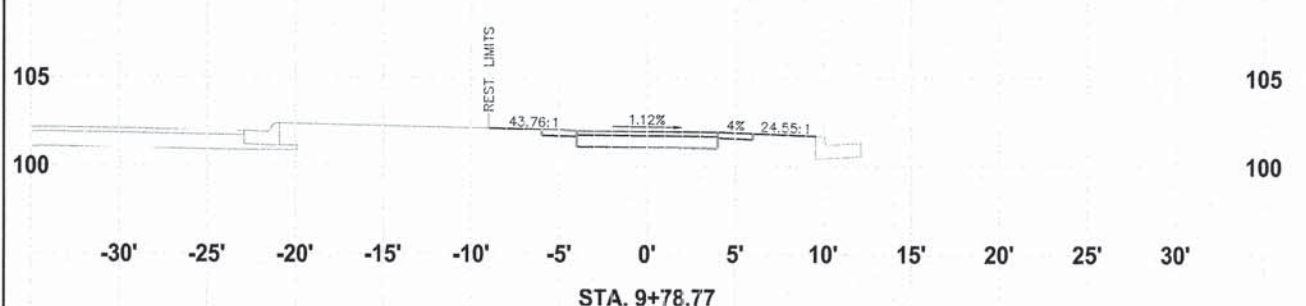
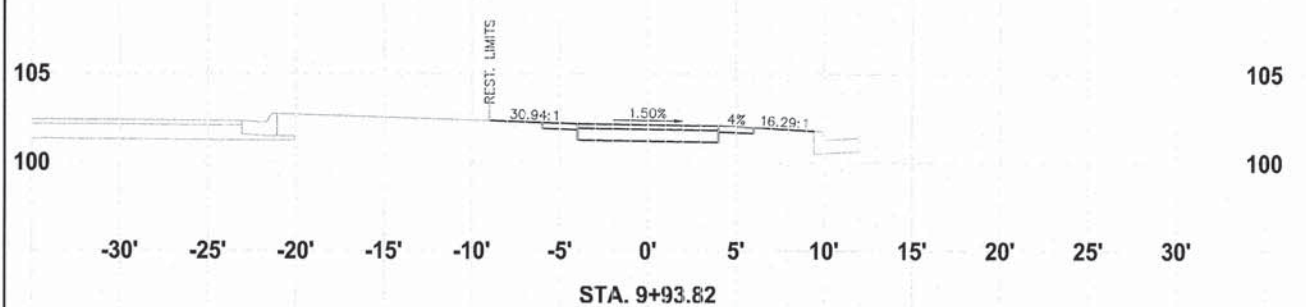
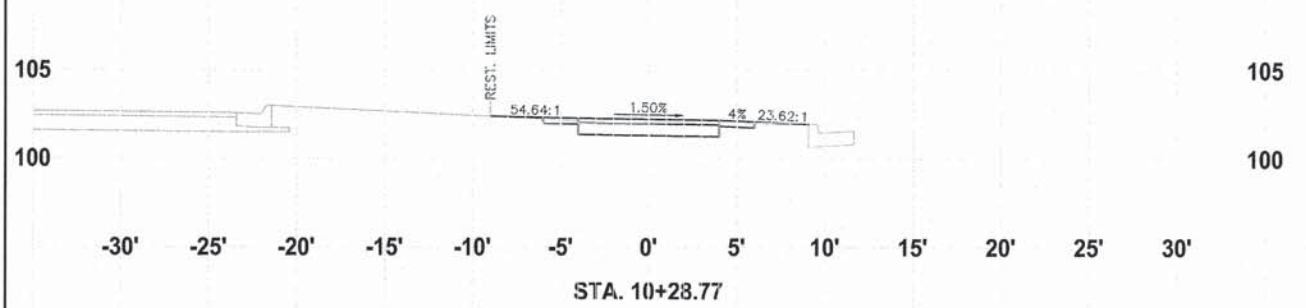
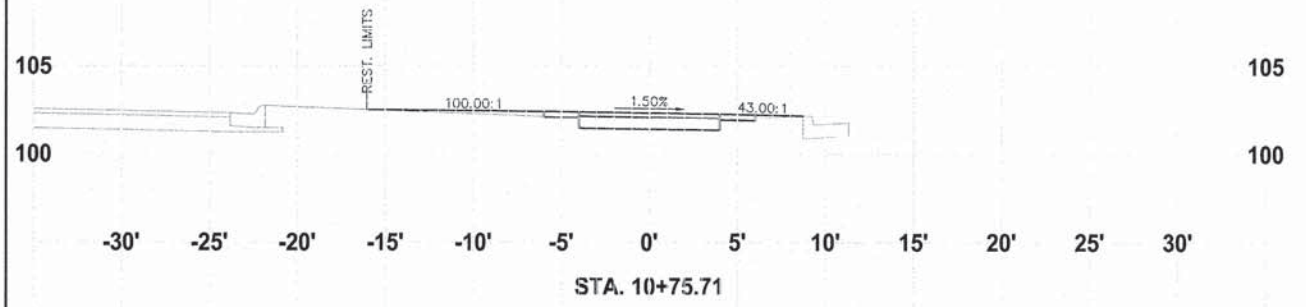
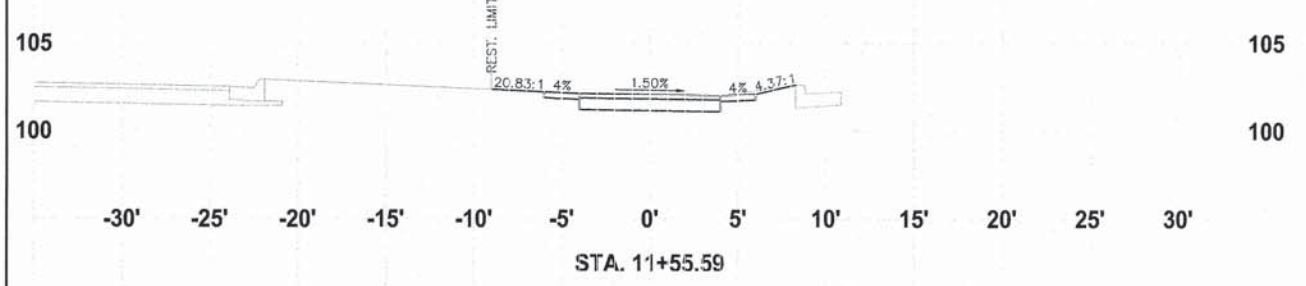
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NO.	DATE	REVISION
1	1/13/16	ISSUE FOR PERMIT
2	4/16/16	ISSUE FOR CONSTRUCTION

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 5'	
VERT. 1" = 5'	
PROJECT NO.	
MOD31-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	

53



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	48	54
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

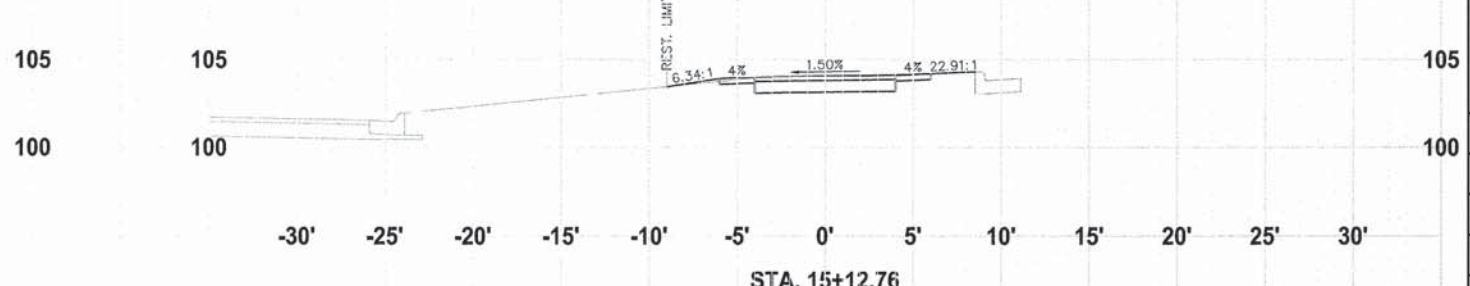
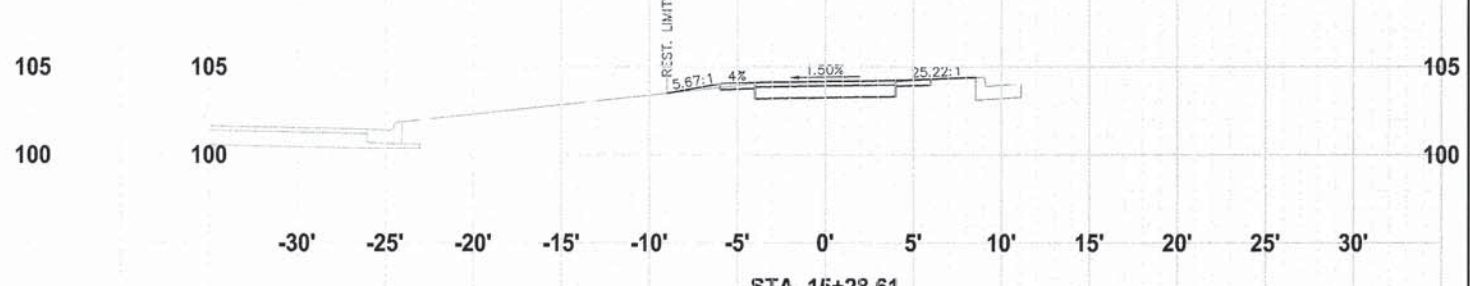
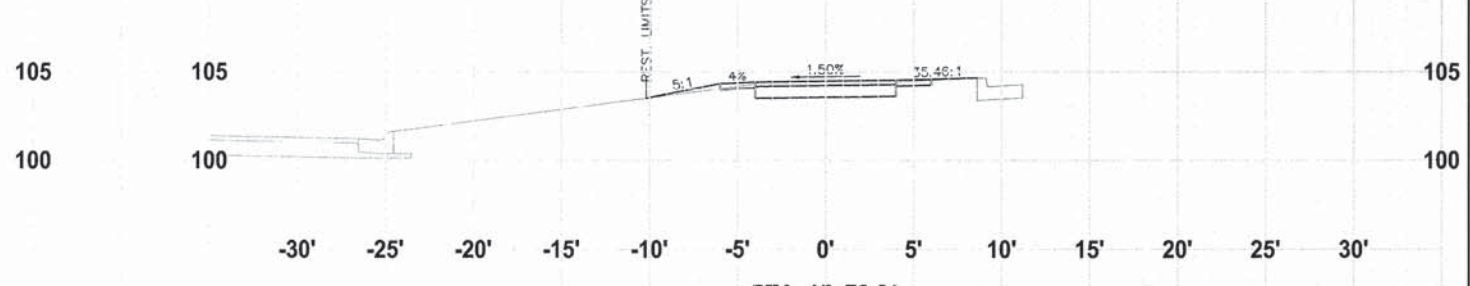
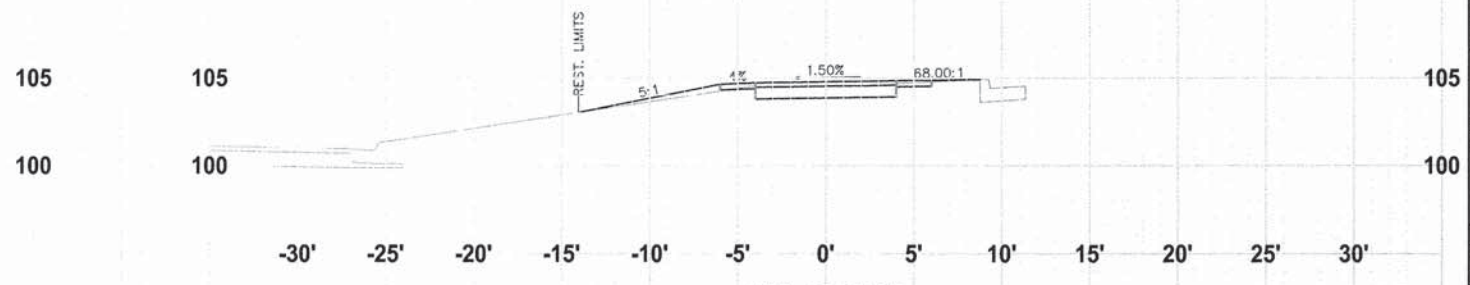
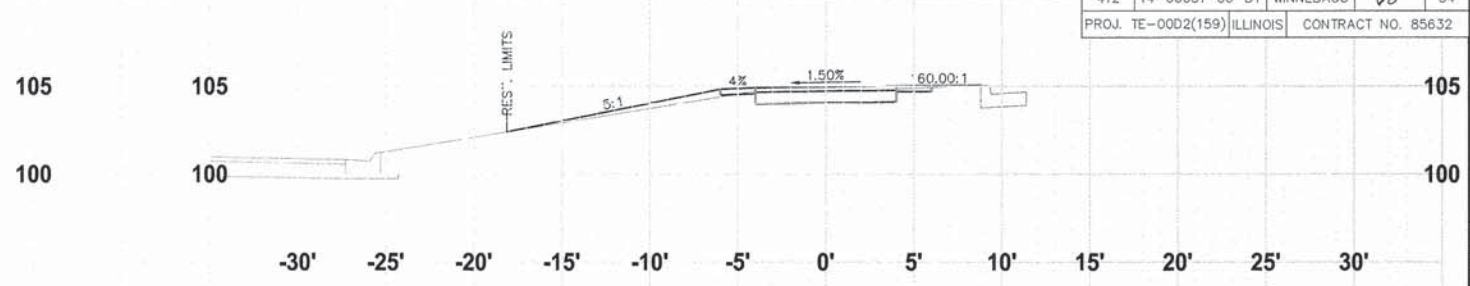
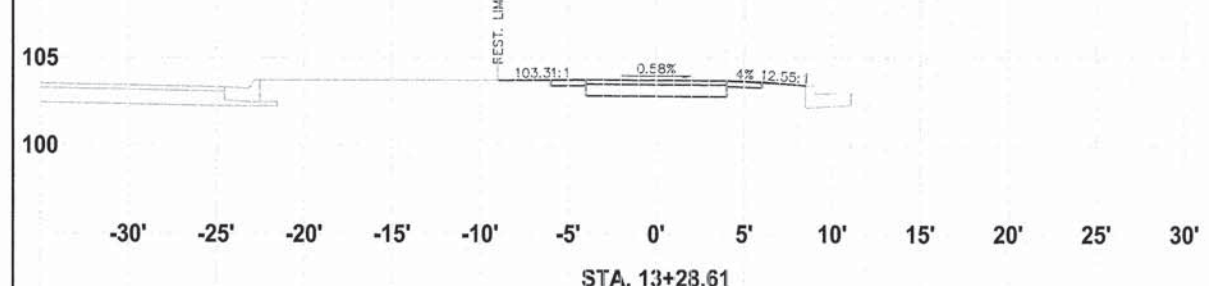
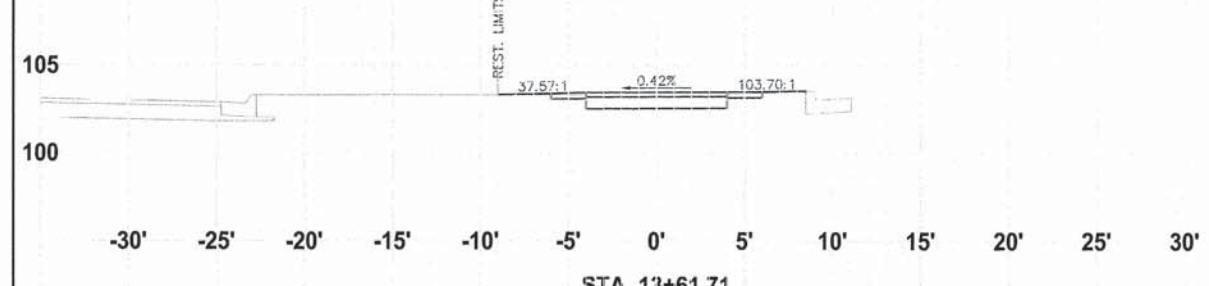
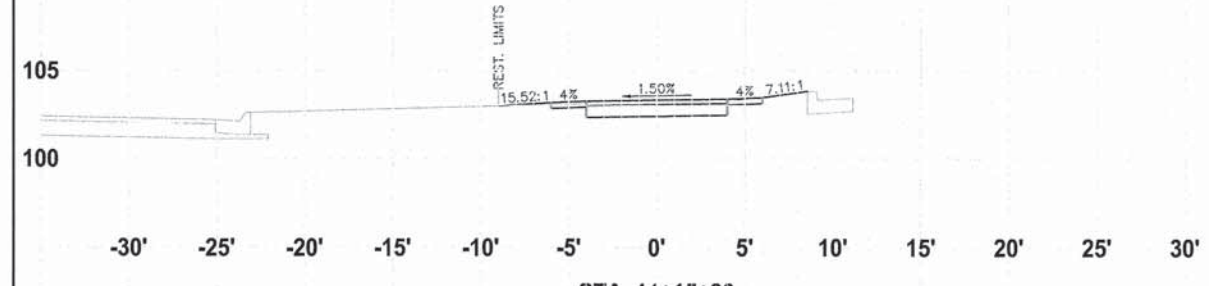
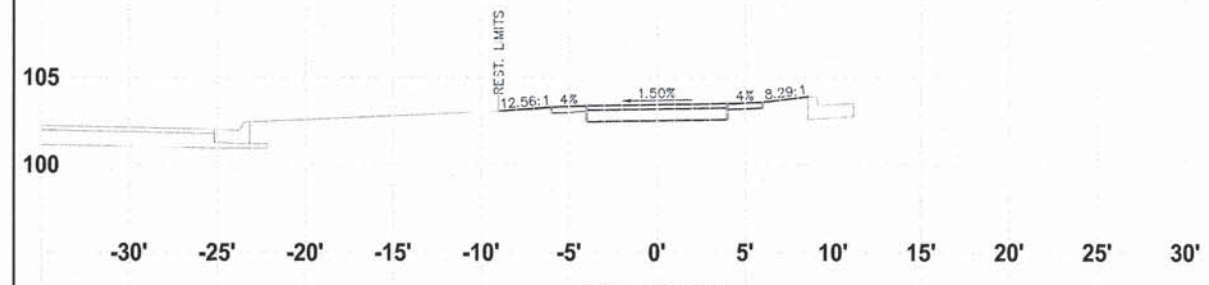
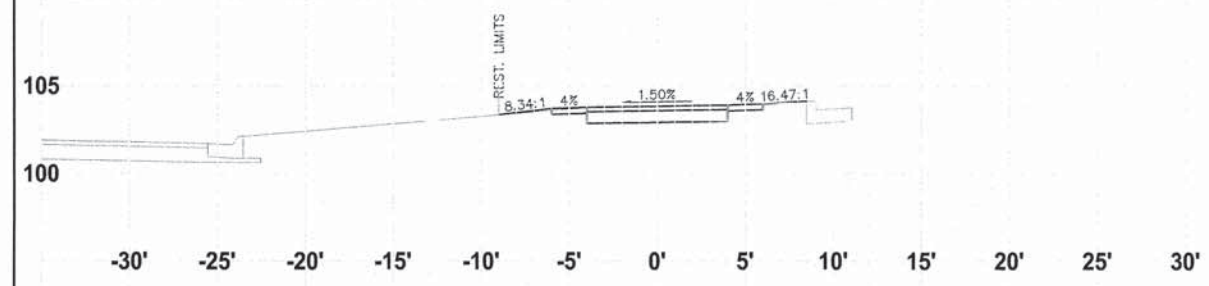


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NO.	DATE	REVISION	COMMENTS
1	1/13/16		DOT COMMENTS
2	4/18/16		DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE HORIZ. 1" = 40' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	55
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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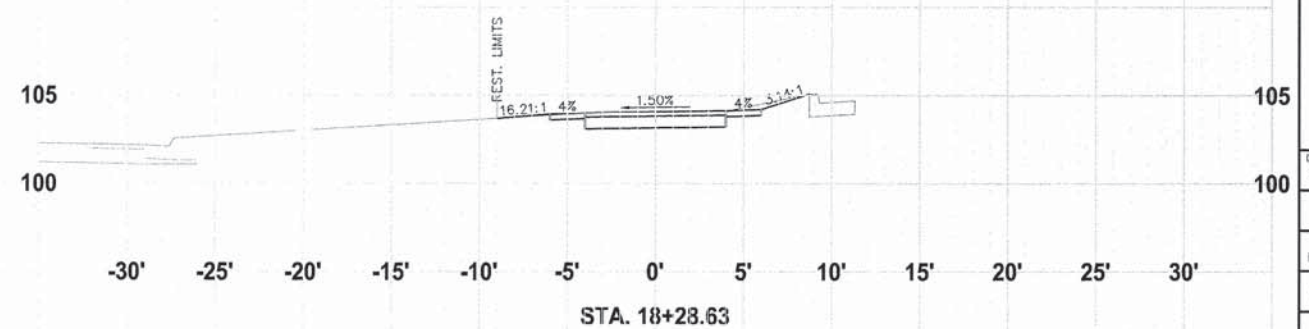
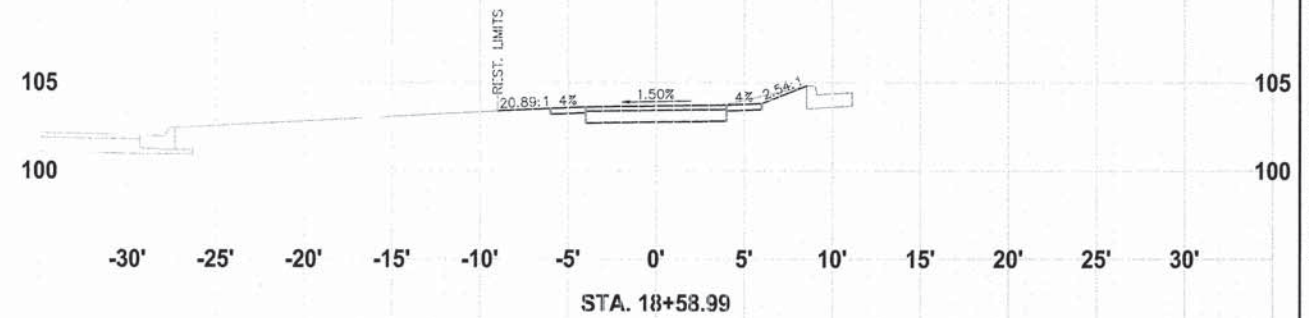
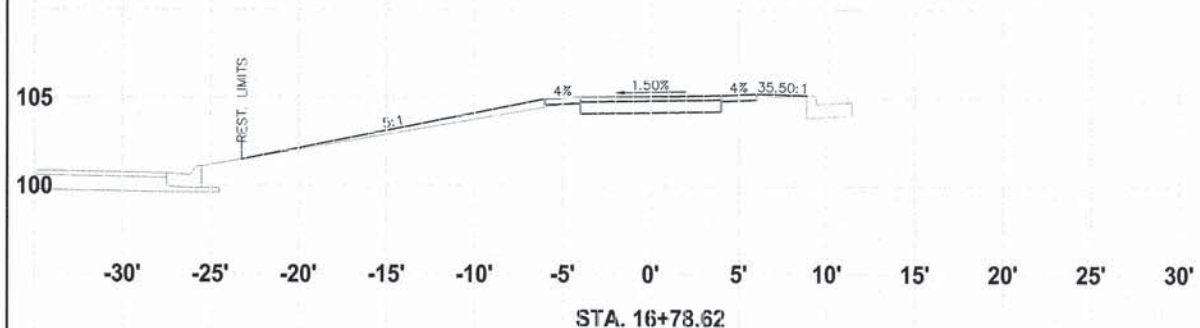
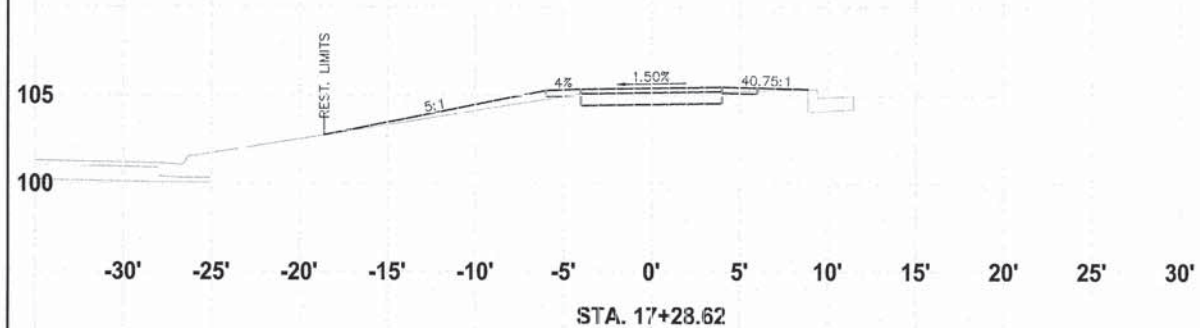
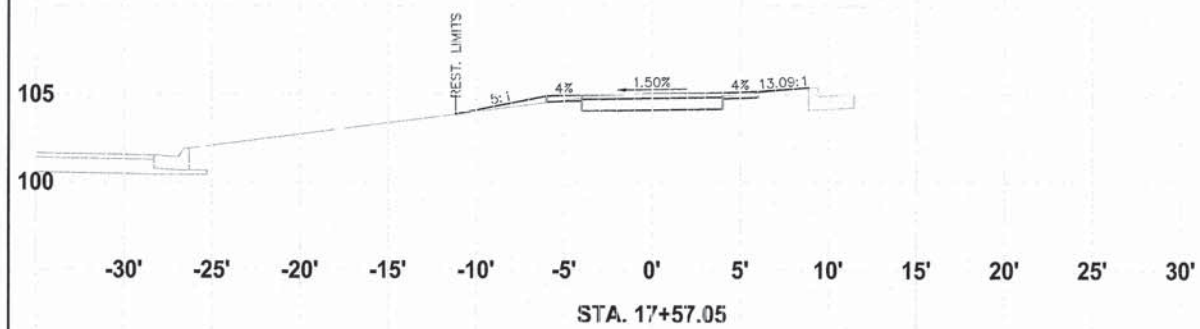
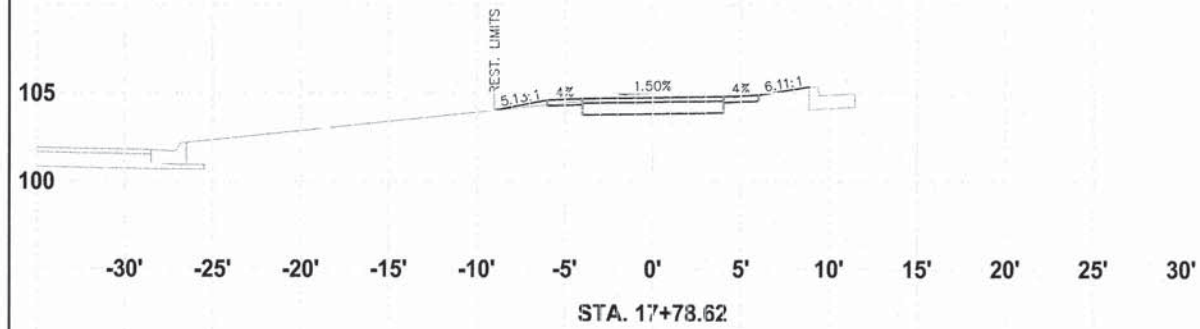
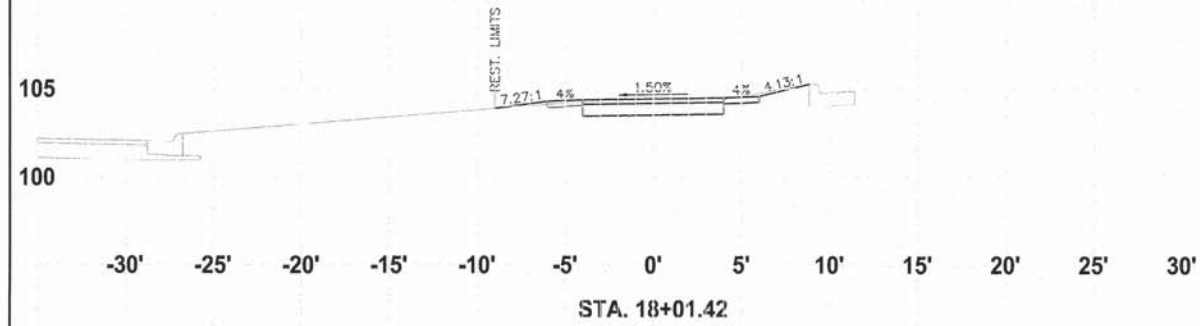
NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/19/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.

SCALE
HORIZ. 1" = 5'
VERT. 1" = 5'
PROJECT NO.
MO031-73-0135
DATE
DEC. 16, 2015

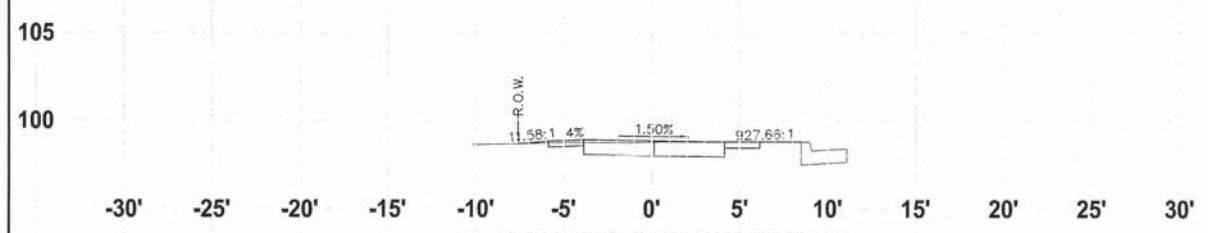
SHEET NO.
55



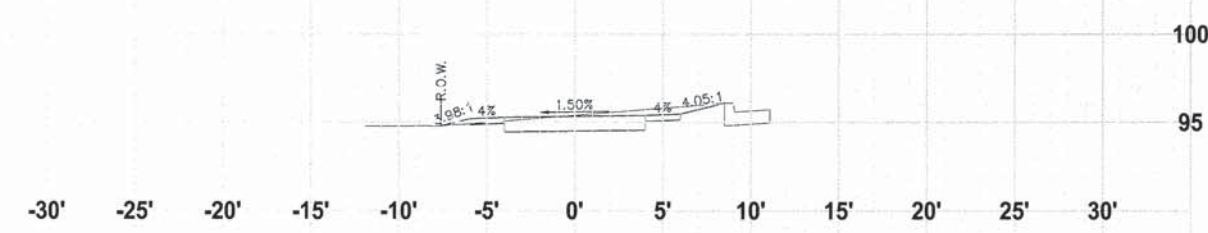
CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	56
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

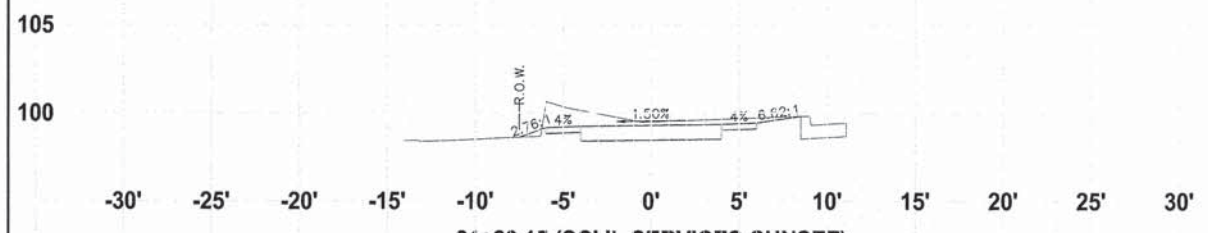
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ENGINEERS ARCHITECTS
1700 WILKINS ROAD, MACHESNEY PARK, IL 61115
Tel: (815) 836-6560 Fax: (815) 836-6591
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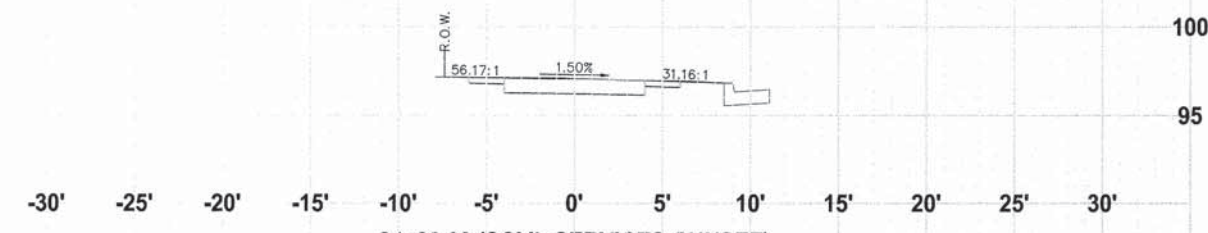
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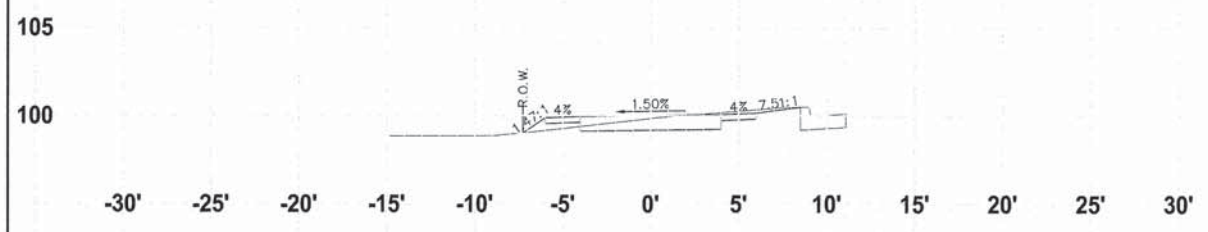
25+00.00 (SCI IL SERVICES-SUNSET)



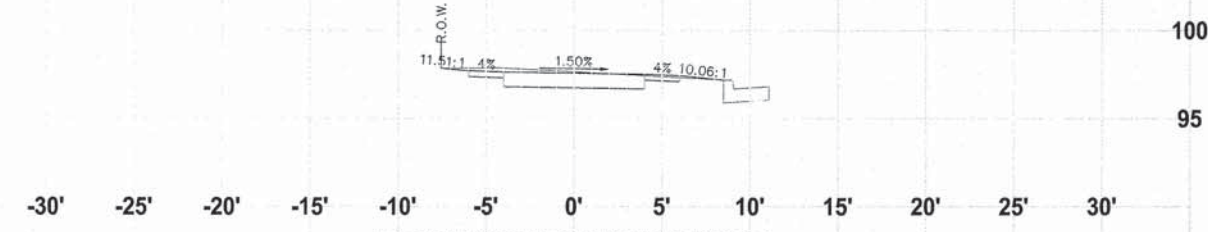
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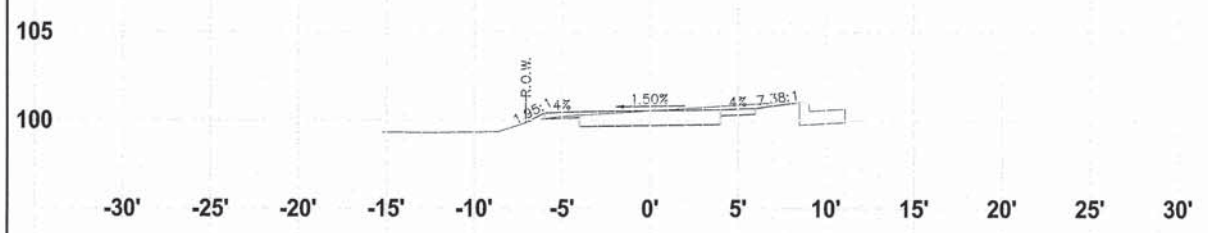
24+00.00 (SCI IL SERVICES-SUNSET)



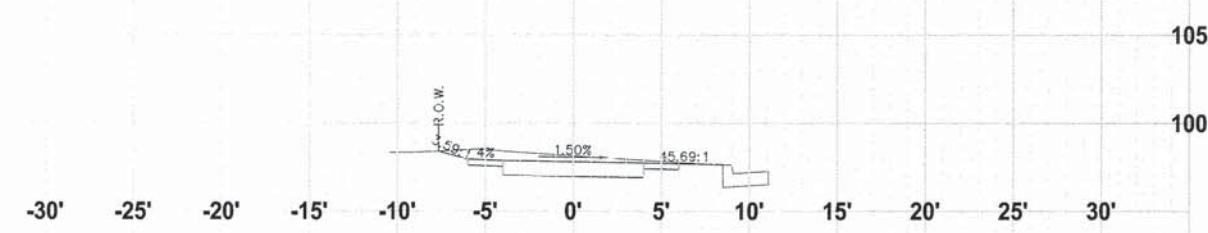
20+77.74



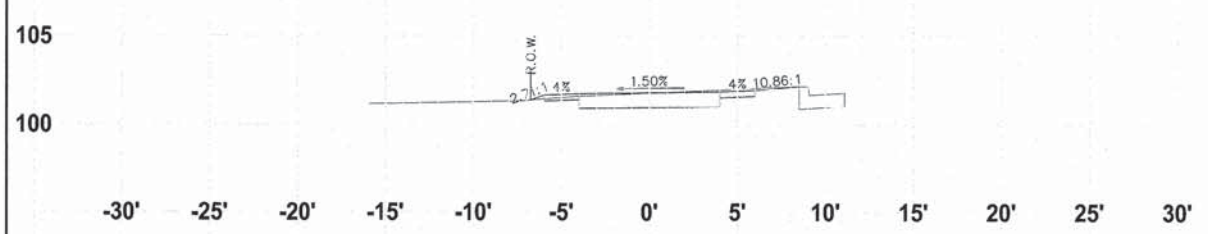
23+50.00 (SCI IL SERVICES-SUNSET)



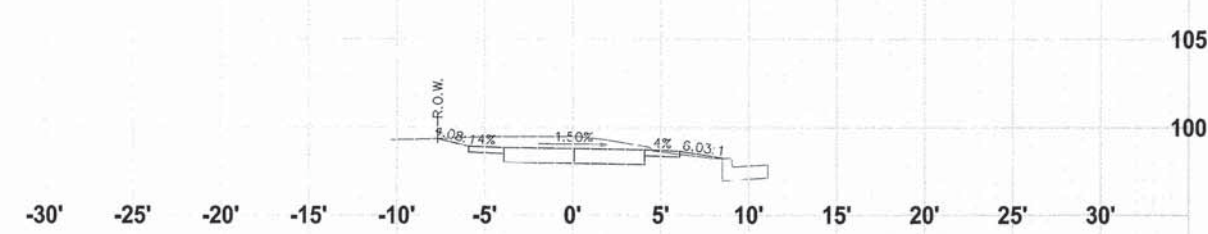
20+50.00



23+00.00 (SCI IL SERVICES-SUNSET)



20+00.00



22+50.00 (SCI IL SERVICES-SUNSET)

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NO.	DATE	REVISION
1	1/11/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 40'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	

CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	63	57
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

McMAHON
ENGINEERS ARCHITECTS
1100 HUTCHINS ROAD, MACHESNEY PARK, IL 61715
Tel: (315) 606-9100 Fax: (315) 606-9101

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NO.	DATE	REVISION	COMMENTS
1	1/13/16		DOT COMMENTS
2	4/16/16		DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED: N.J.A. DRAWN: J.J.D.

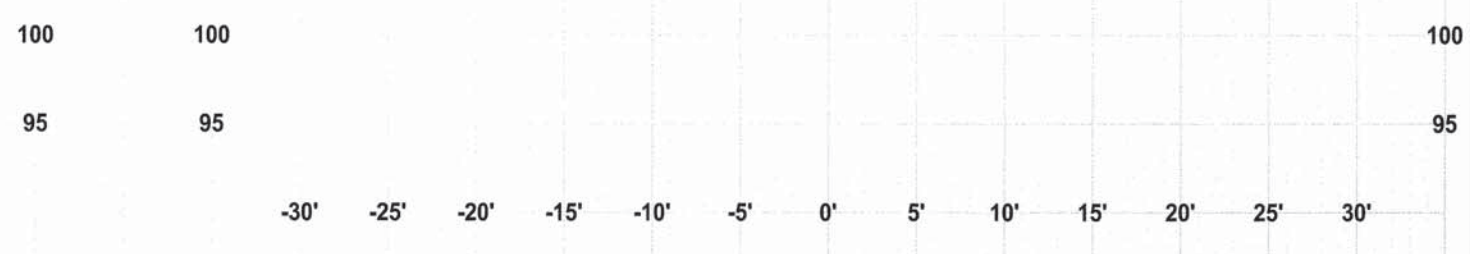
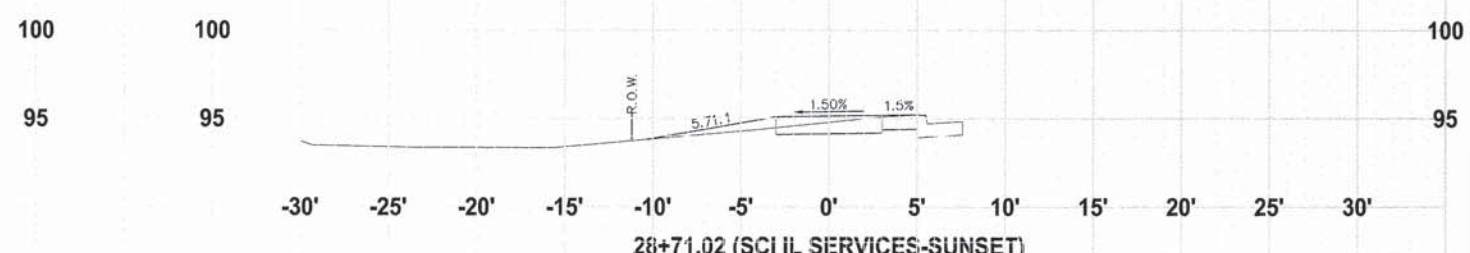
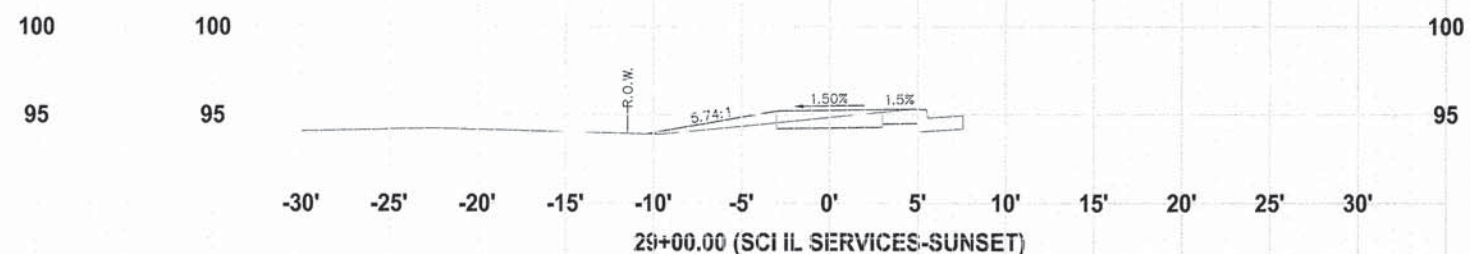
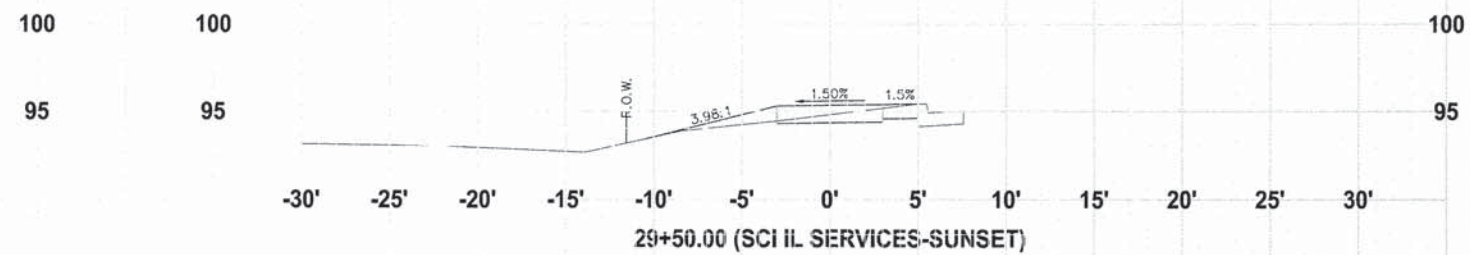
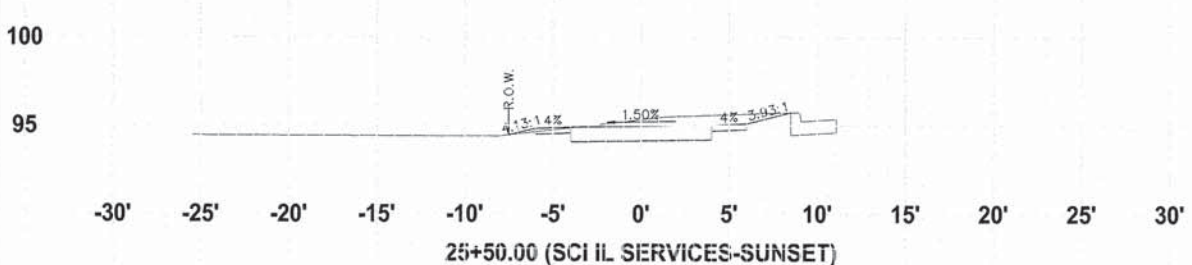
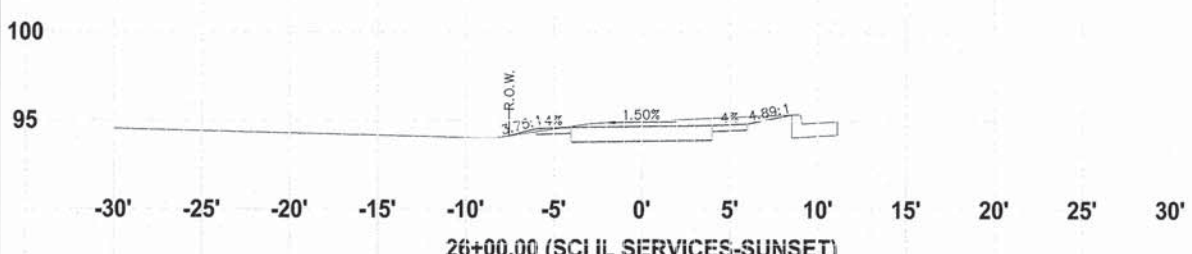
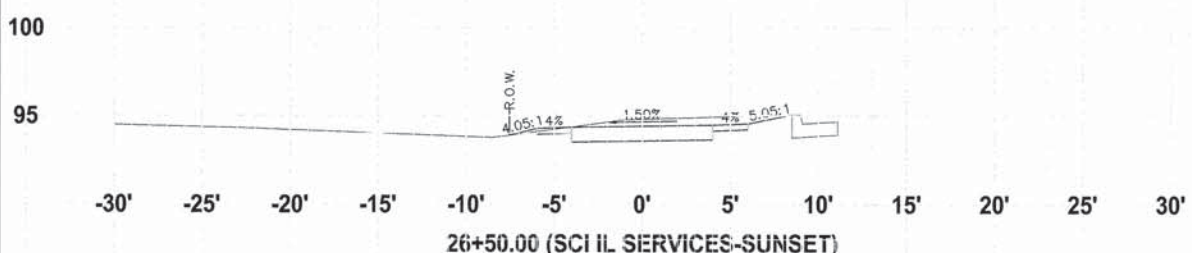
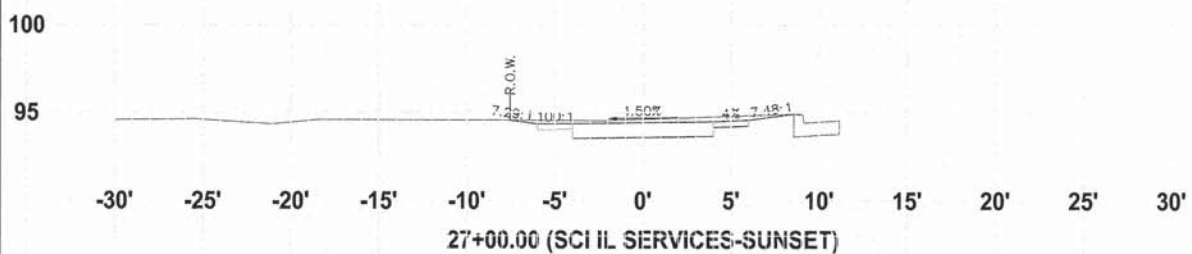
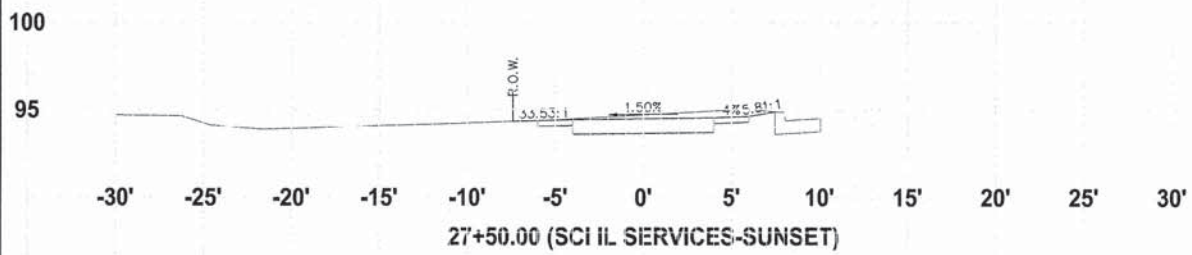
SCALE: HORIZ. 1" = 5'

VERT. 1" = 5'

PROJECT NO. MO031-73-0135

DATE: DEC. 16, 2015

SHEET NO. 57



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	63	58
PROJ. TE-0002(159)		ILLINOIS	CONTRACT NO. 85632	

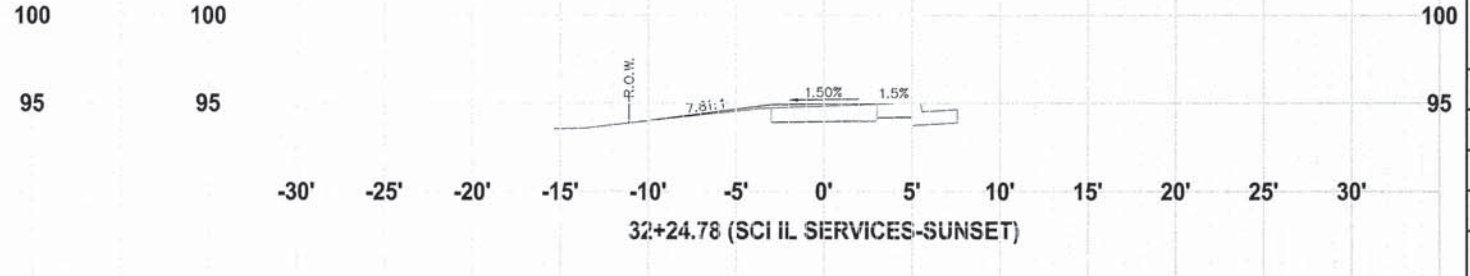
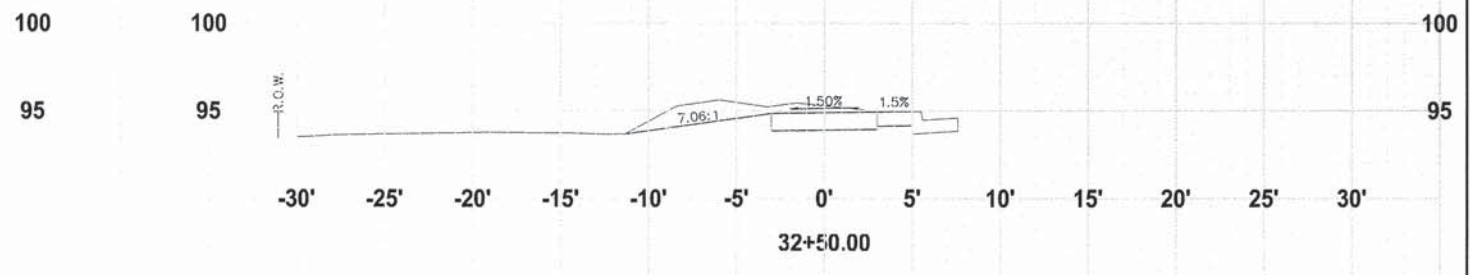
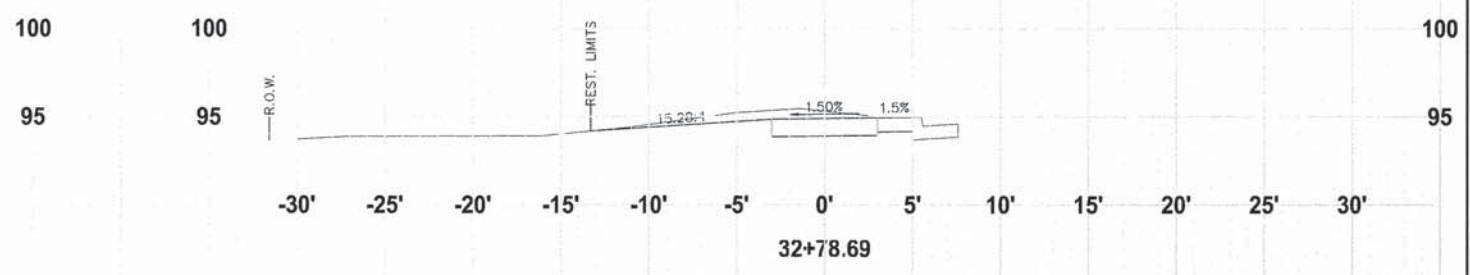
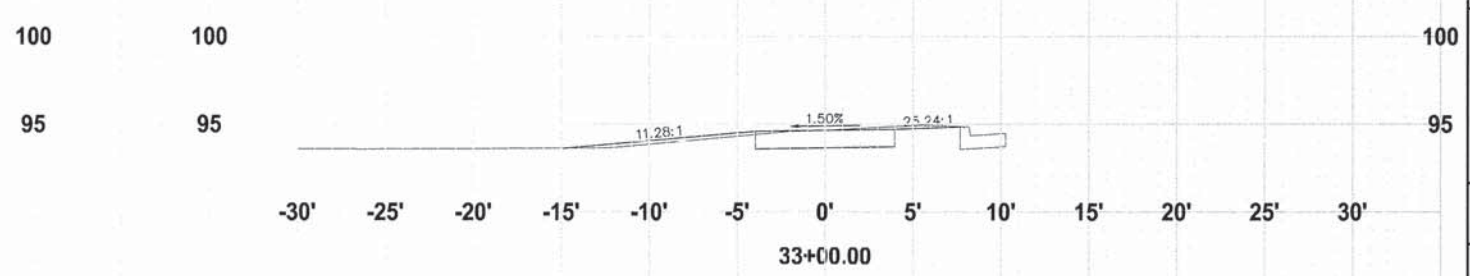
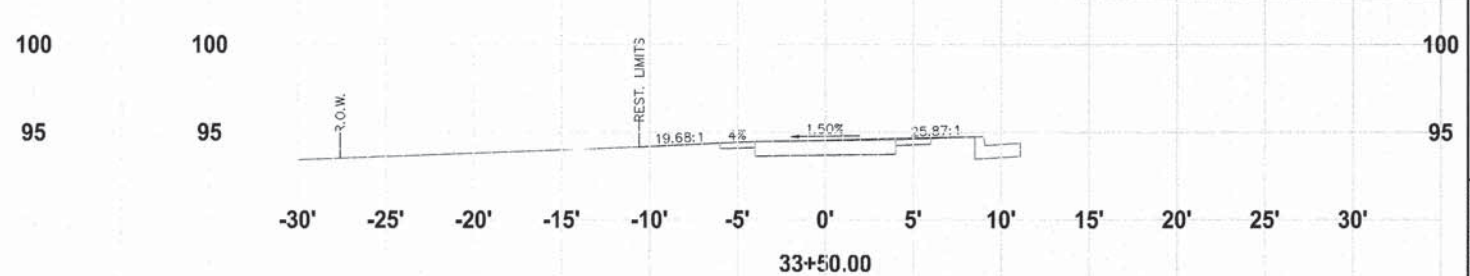
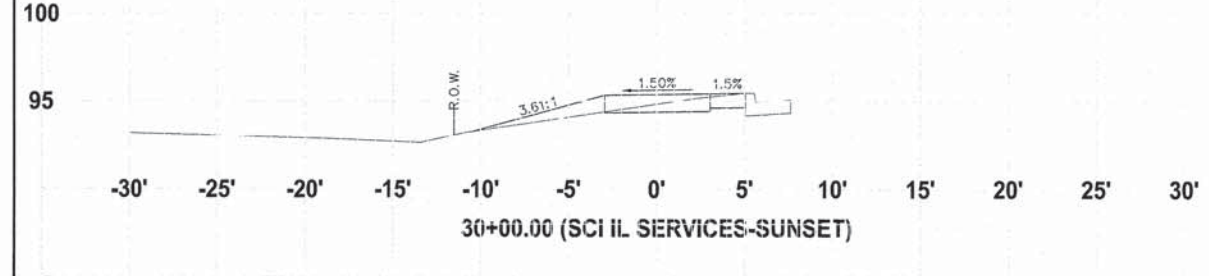
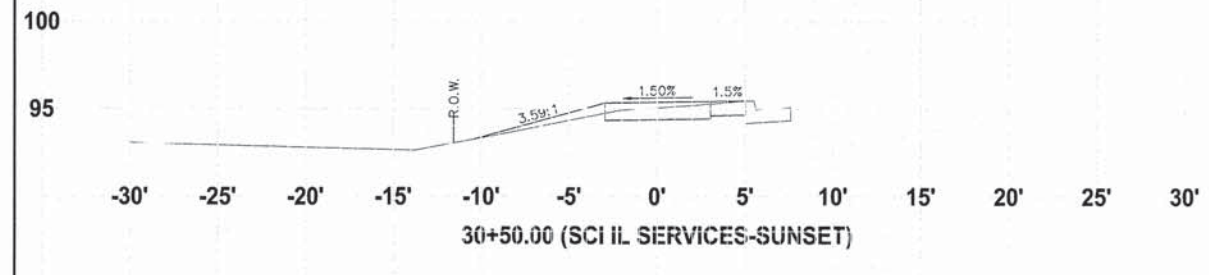
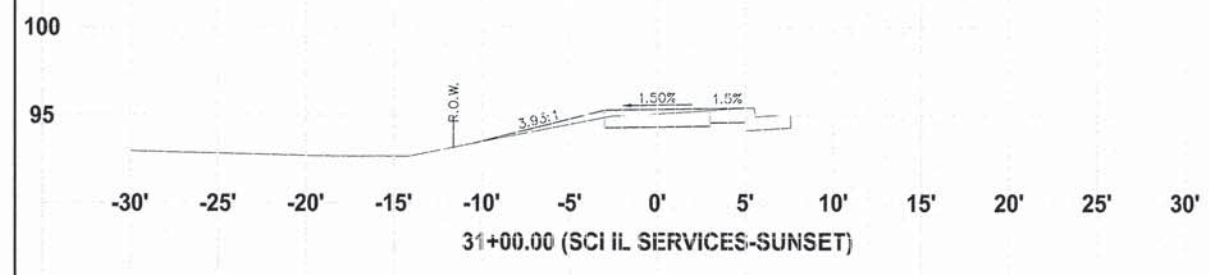
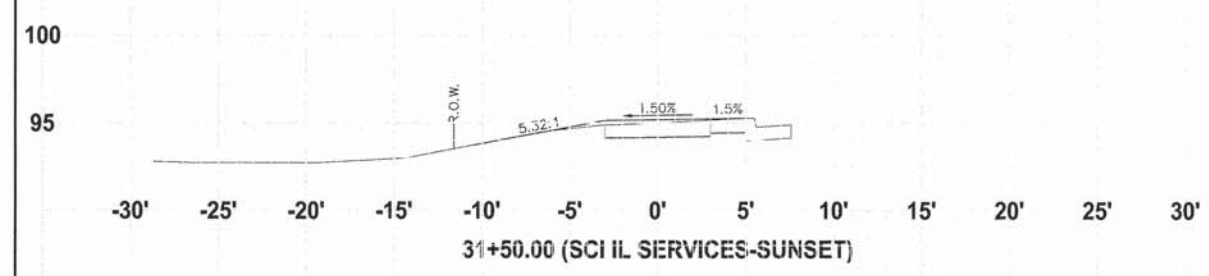
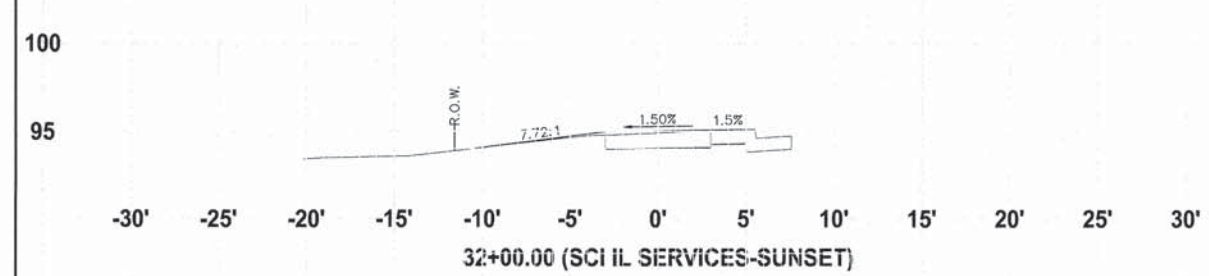


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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE	
HORIZ. 1" = 5'	
VERT. 1" = 5'	
PROJECT NO.	
M0031-73-0135	
DATE	
DEC. 16, 2015	
SHEET NO.	



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	59
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

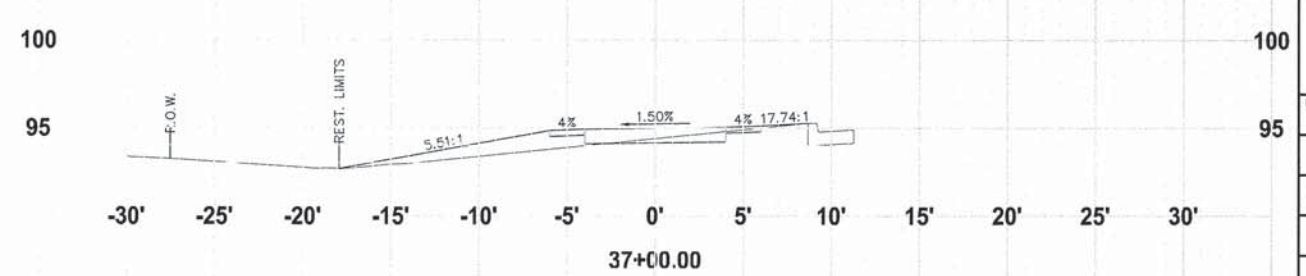
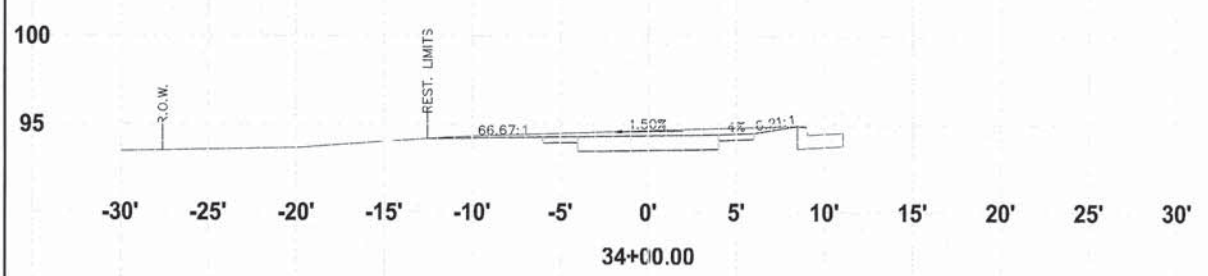
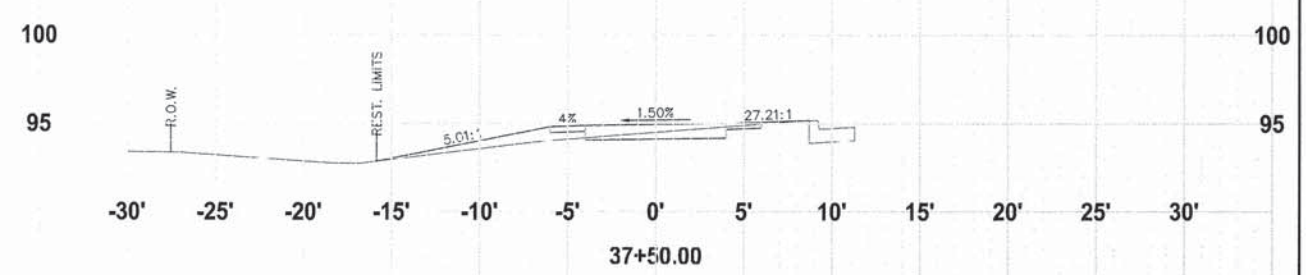
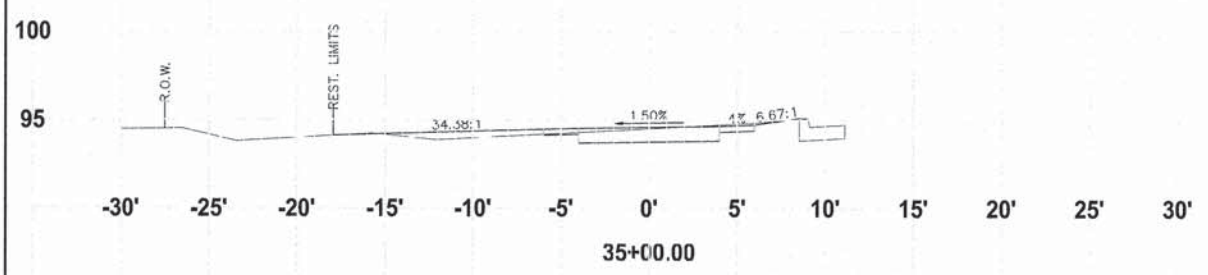
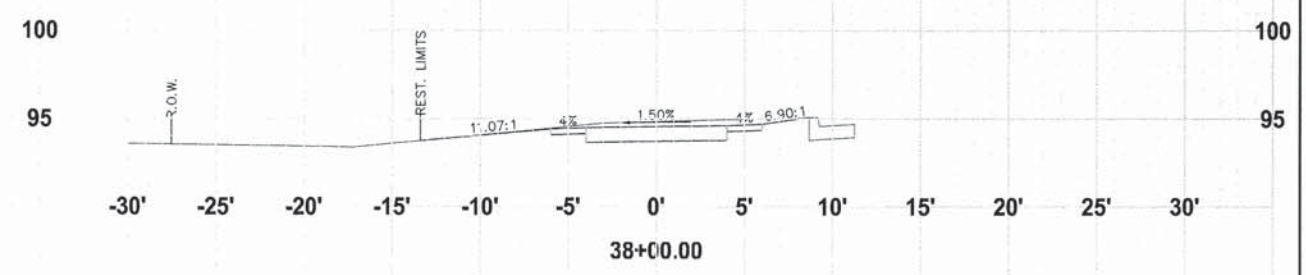
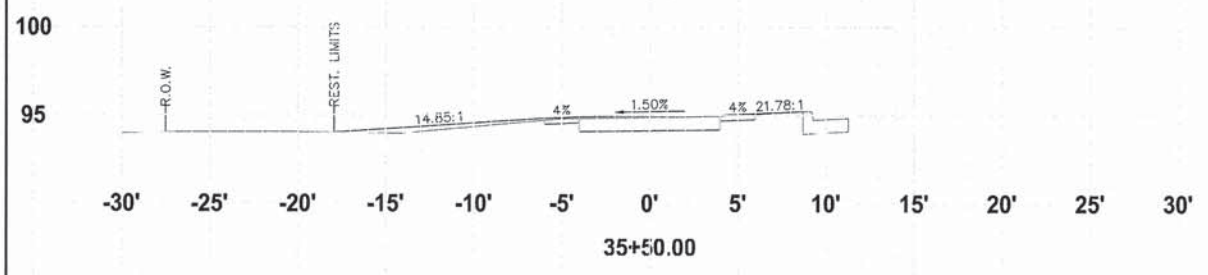
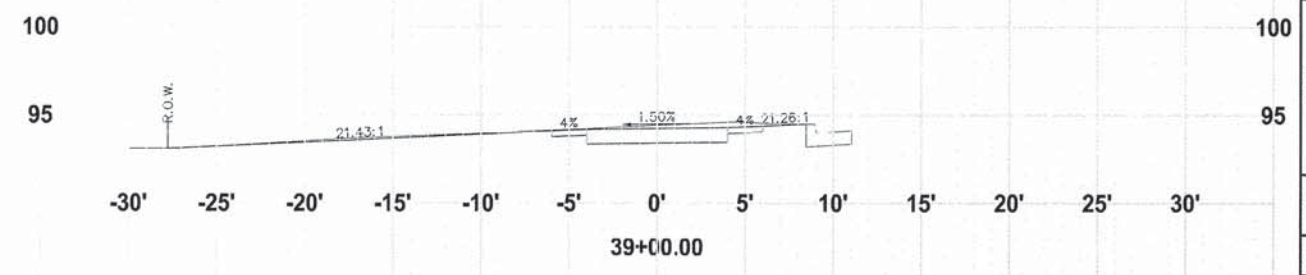
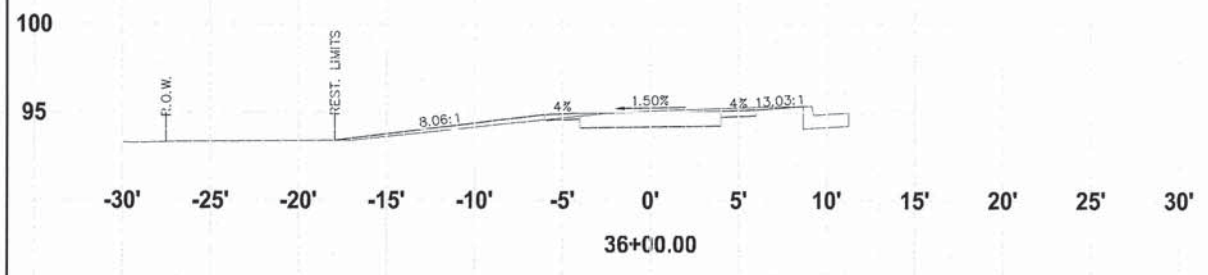
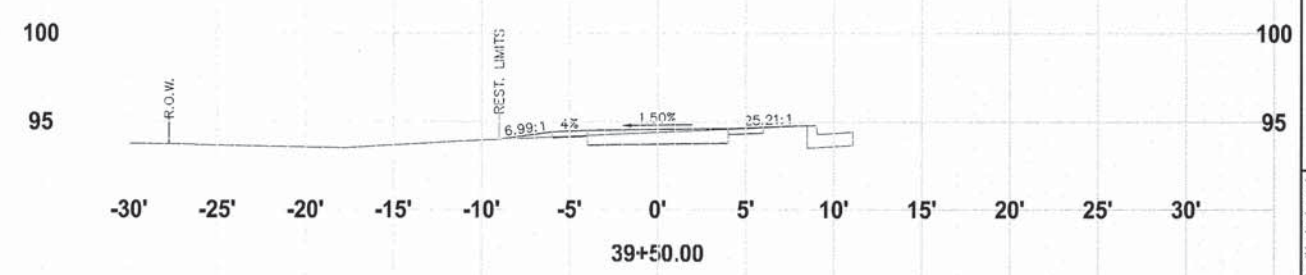
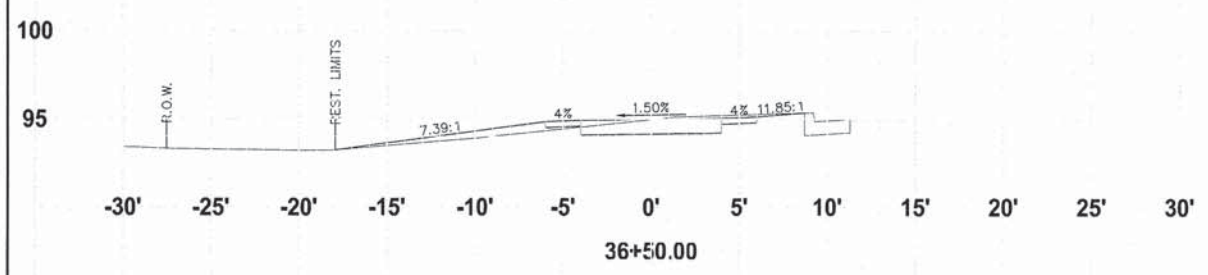
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ENGINEERS ARCHITECTS
 1700 N. CHASE ROAD, WINNEBAGO, ILLINOIS 61095
 Tel: (815) 836-6500 Fax: (815) 836-6501
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NO.	DATE	REVISION
1	1/13/16	ISSUE COMMENTS
2	4/16/16	ISSUE COMMENTS

ALPINE ROAD SHARED-USE PATH
 VILLAGE OF MACHESNEY PARK
 CROSS SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 40' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 59	



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	60
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

McMAHON
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Tel: (815) 636-6990 Fax: (815) 636-6991
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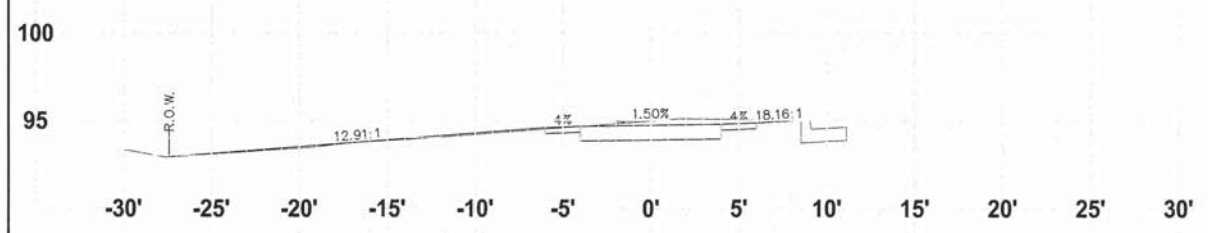
NO.	DATE	REVISION
1	1/13/16	ISSUE FOR BIDDING
2	4/18/16	ISSUE FOR CONSTRUCTION

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

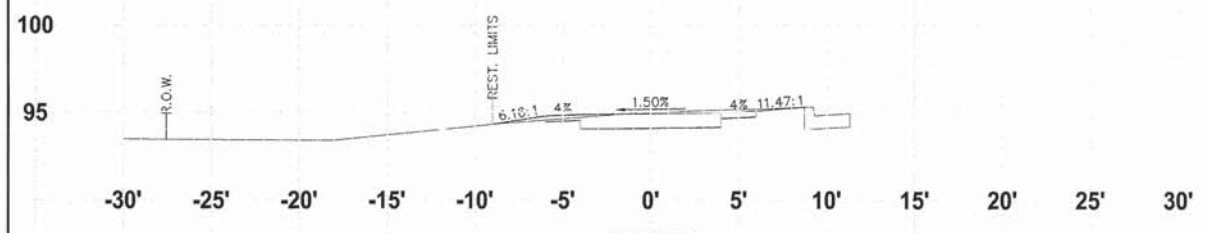
DESIGNED	DRAWN
N.J.A.	J.J.D.

SCALE
HORIZ. 1" = 30'
VERT. 1" = 5'
PROJECT NO.
M0031-73-0135
DATE
DEC. 16, 2015
SHEET NO.

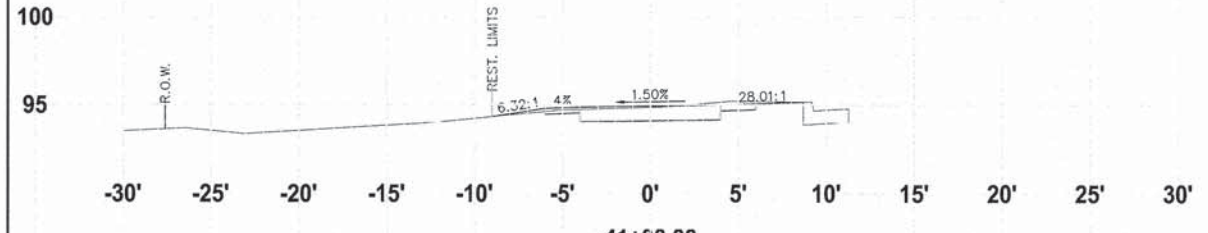
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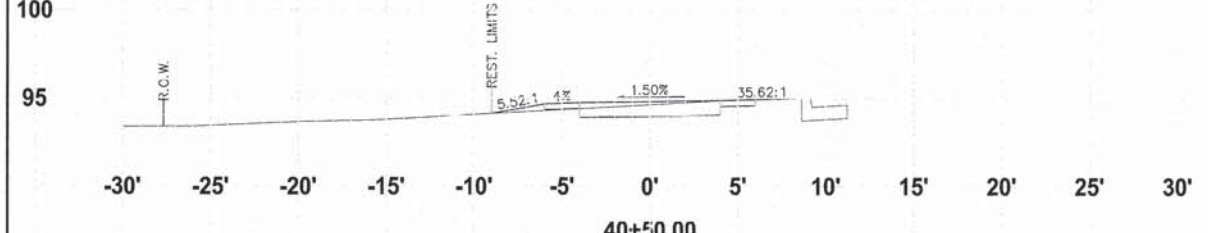
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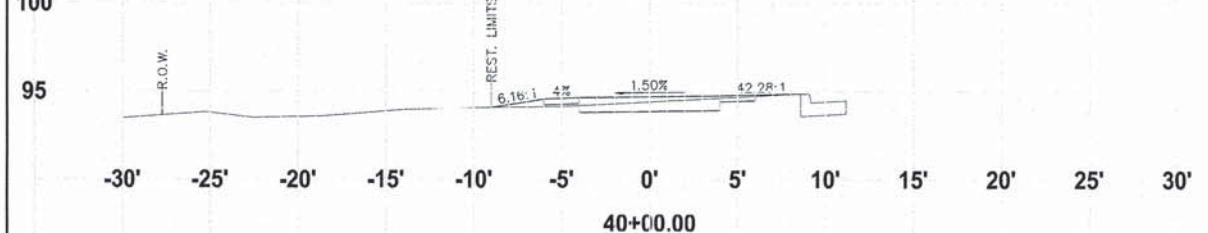
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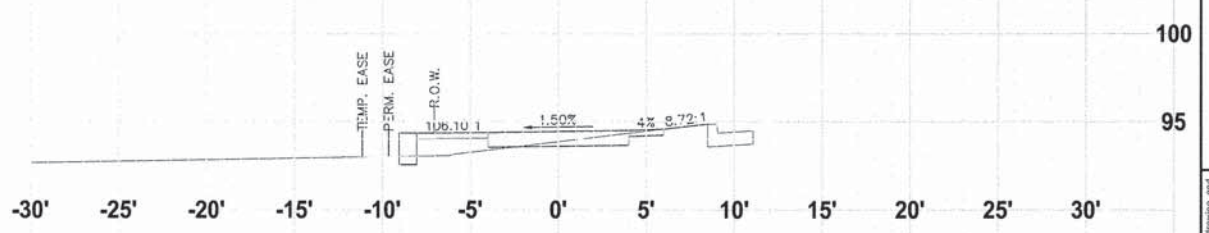
41+00.00



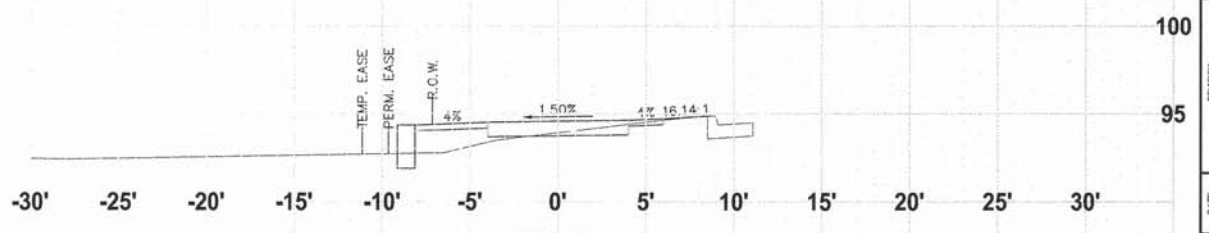
40+50.00



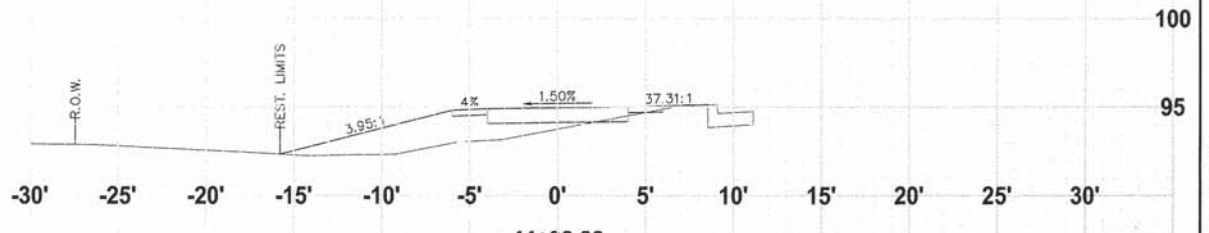
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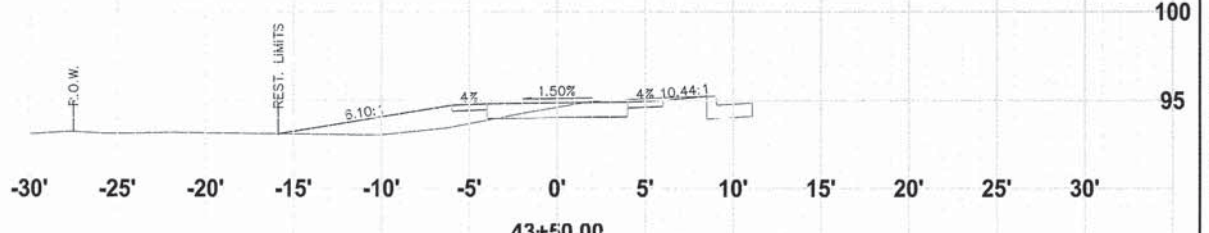
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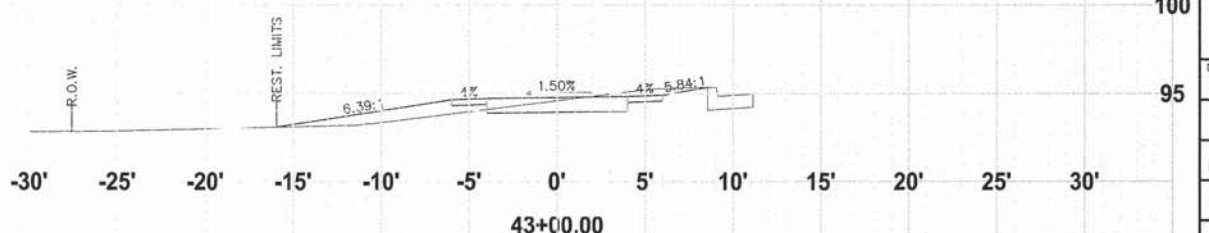
45+57.07



44+00.00



43+50.00



43+00.00

CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	61
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

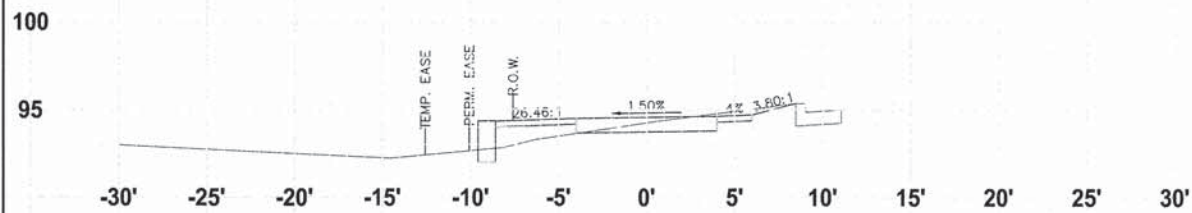
McMAHON
ENGINEERS ARCHITECTS
1700 HITCHINS ROAD, MACHESNEY PARK, IL 61115
Tel: (815) 636-6990 Fax: (815) 636-6991
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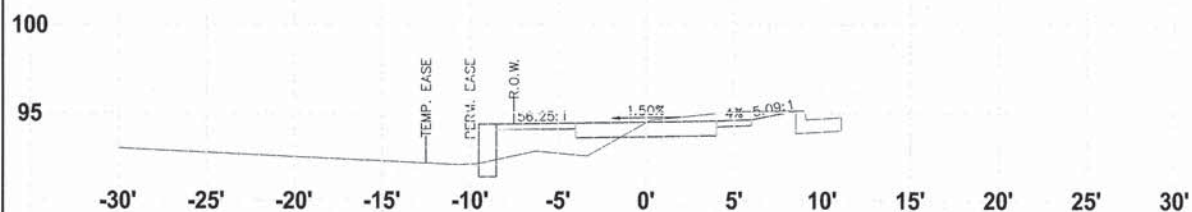
NO.	DATE	REVISION
1	1/17/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

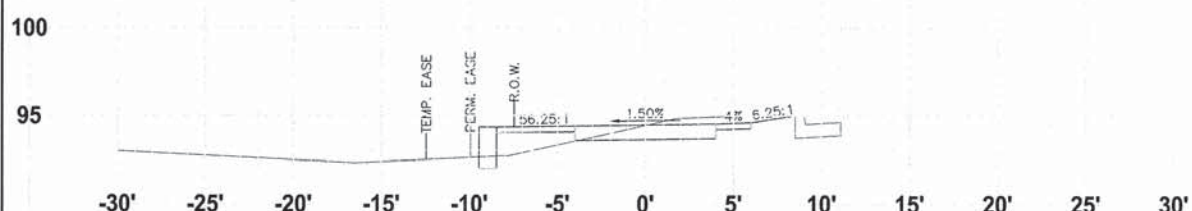
DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE HORIZ. 1" = 30' VERT. 1" = 5'	
PROJECT NO. MO031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	



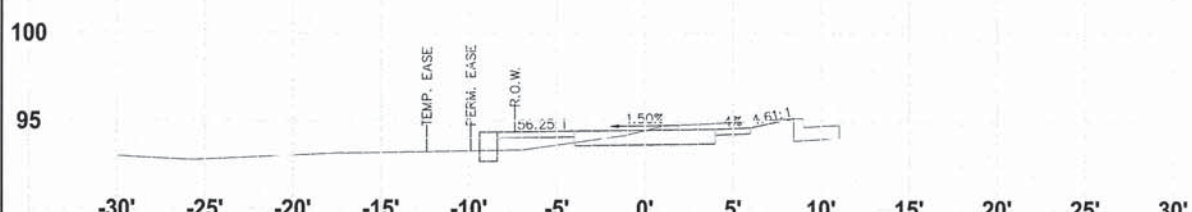
47+51.38



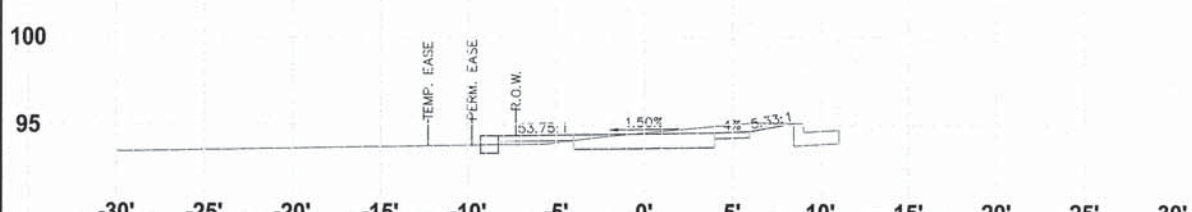
47+28.82



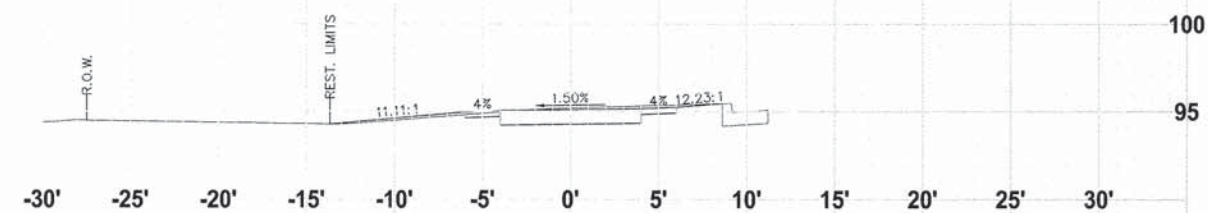
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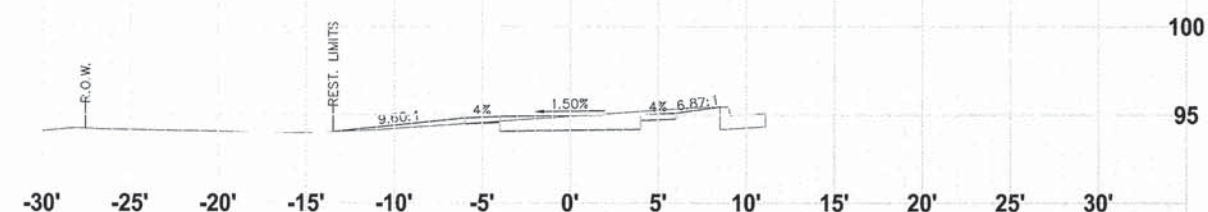
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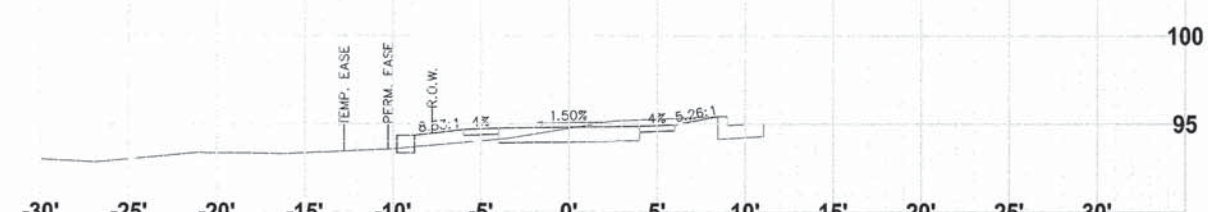
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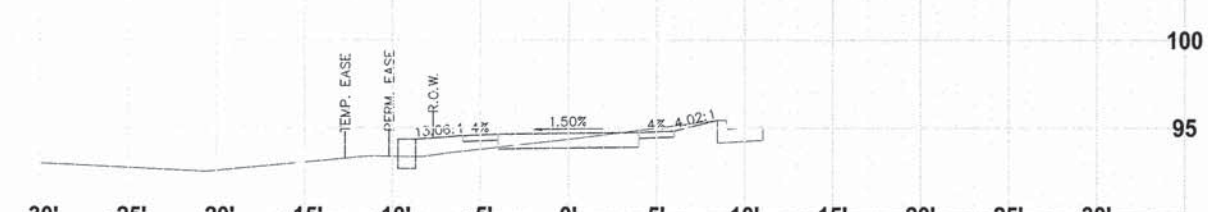
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48+17.62



47+99.89



47+75.01

CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	62
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

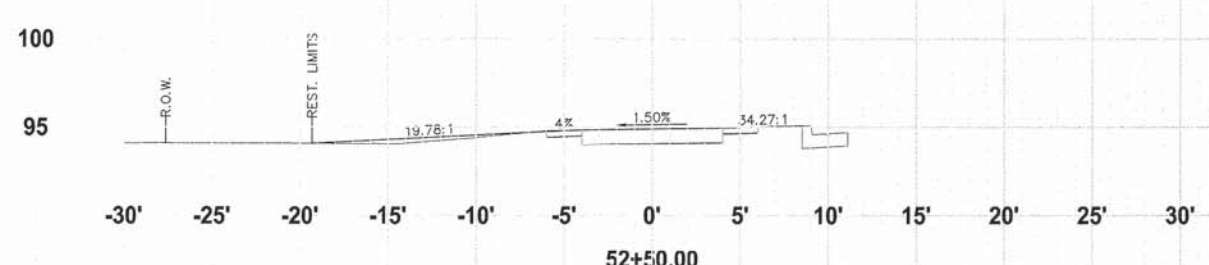
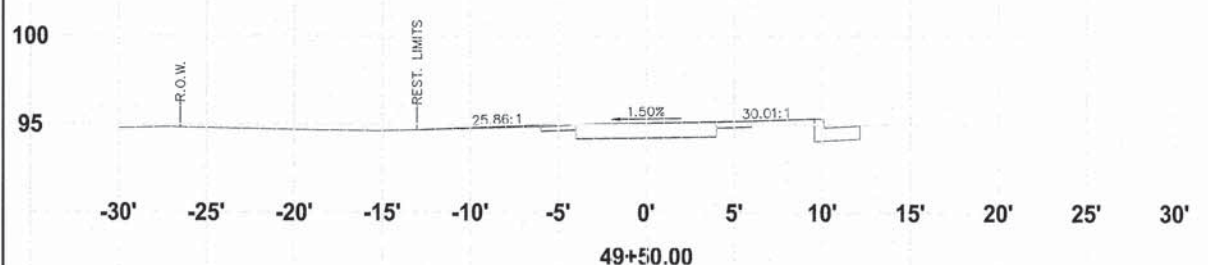
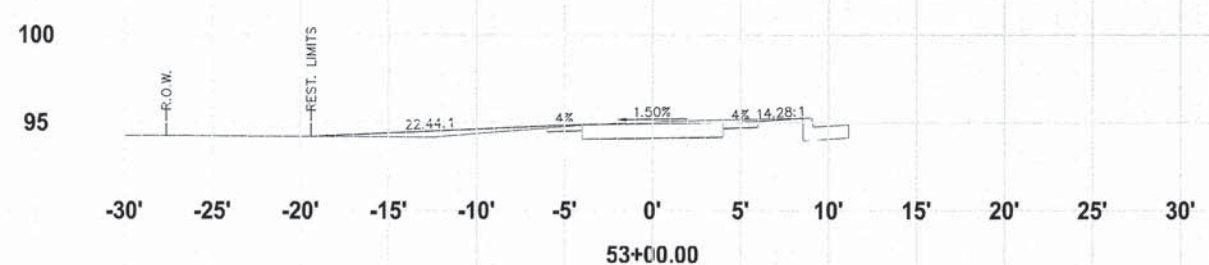
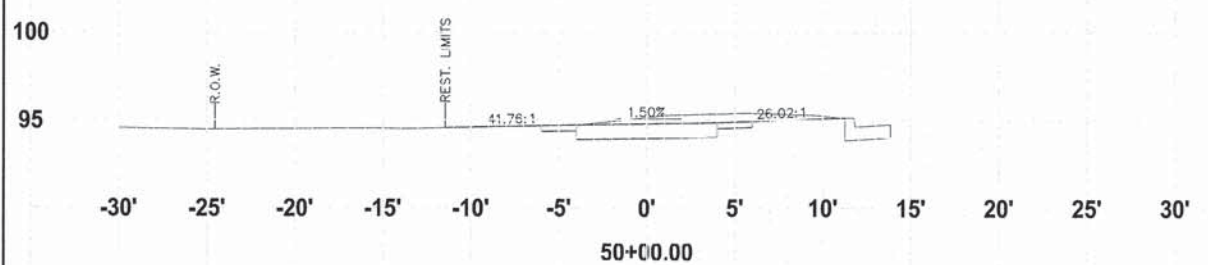
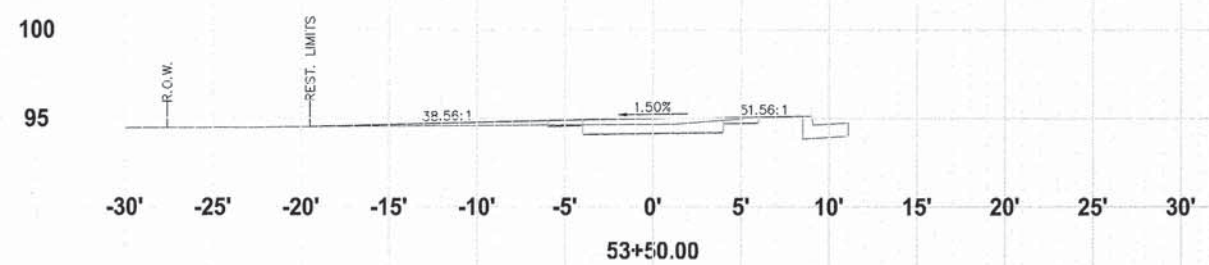
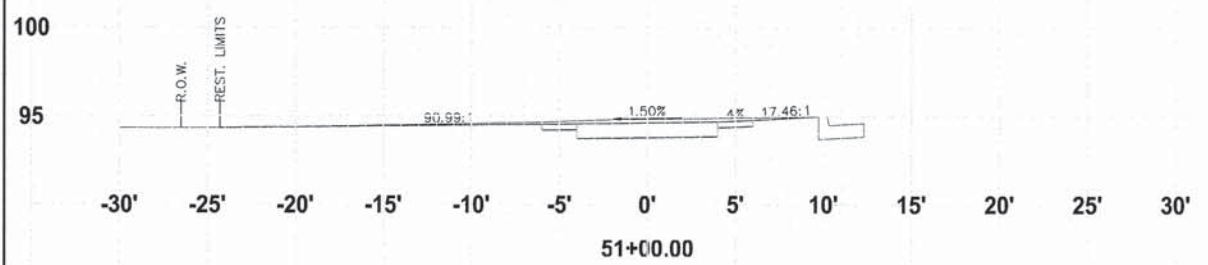
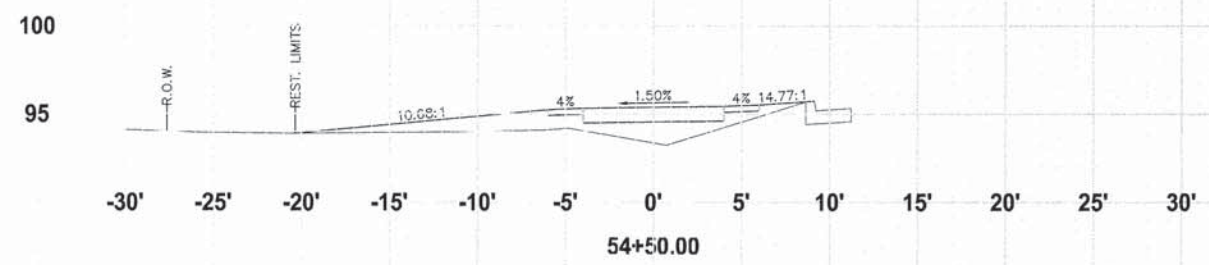
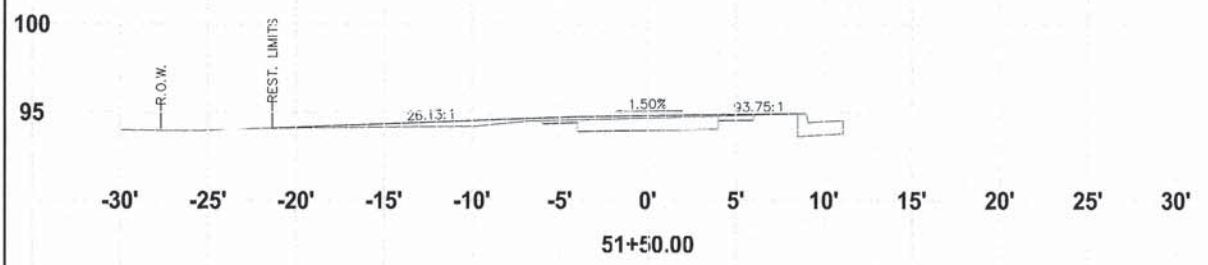
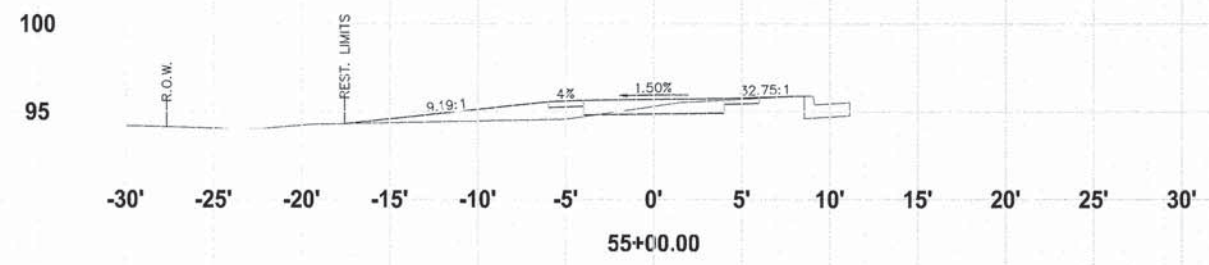
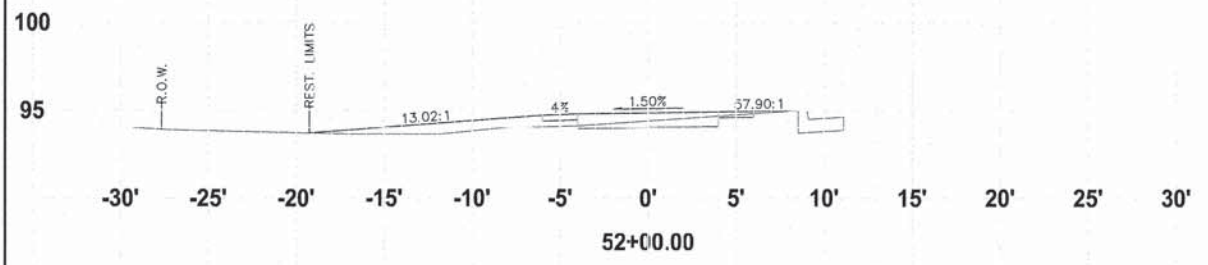
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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.
SCALE HORIZ. 1" = 50' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO.	



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	63	63
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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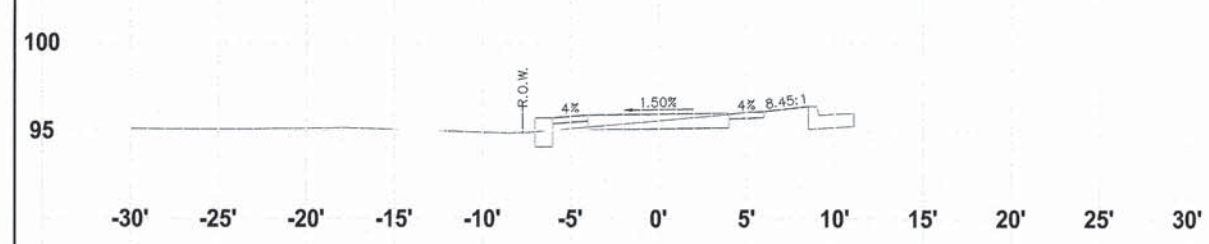
NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

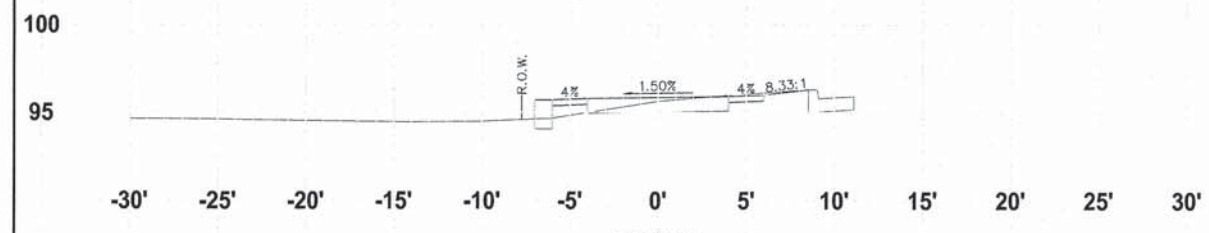
DESIGNED	DRAWN
N.J.A.	J.J.D.

SCALE
HORIZ. 1" = 5'
VERT. 1" = 5'
PROJECT NO.
MO031-73-0135
DATE
DEC. 16, 2015
SHEET NO.

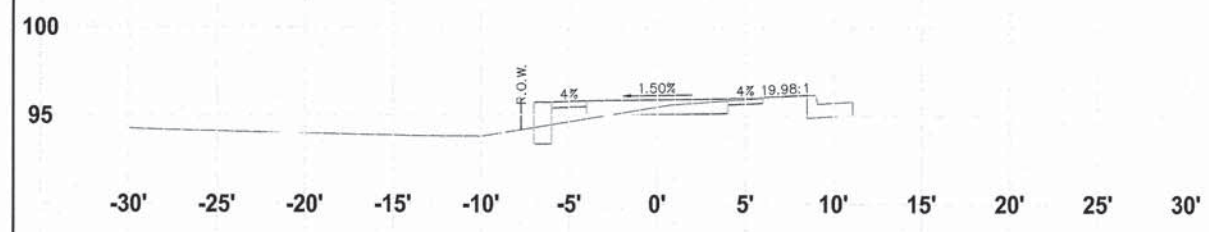
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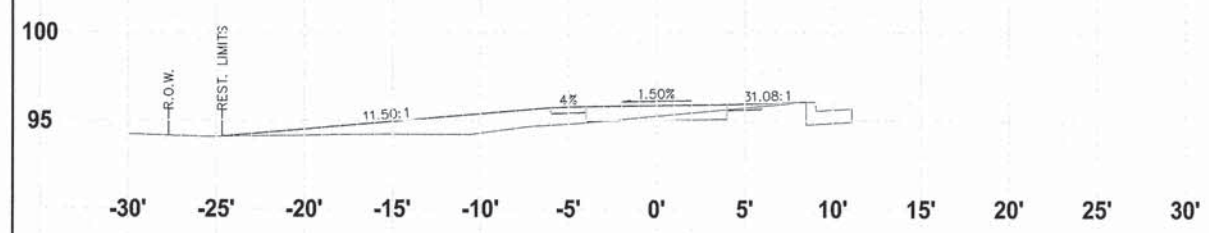
56+88.05



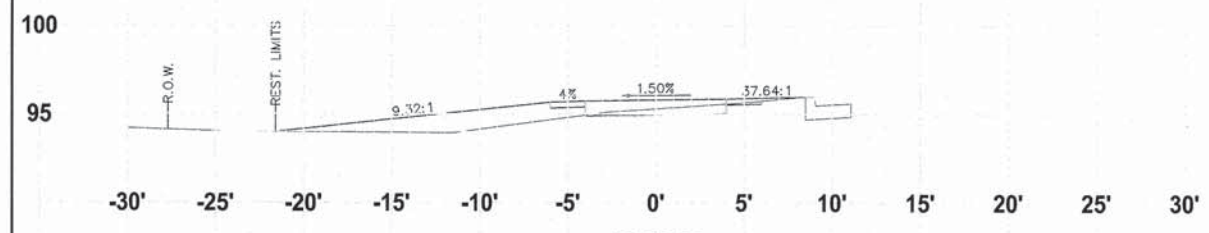
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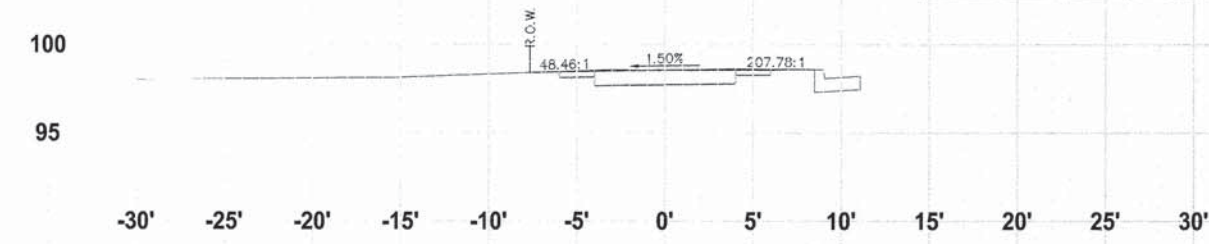
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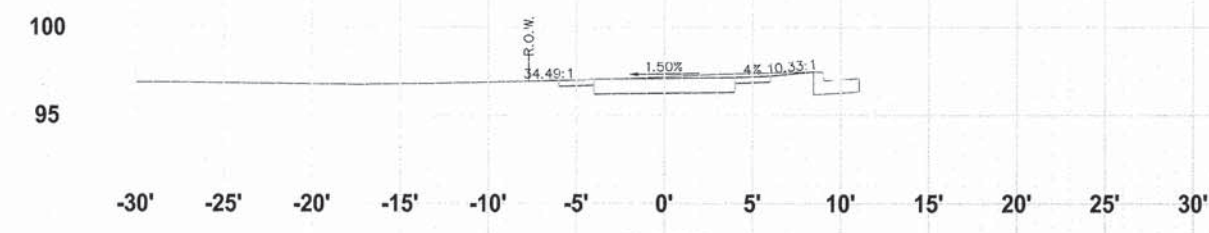
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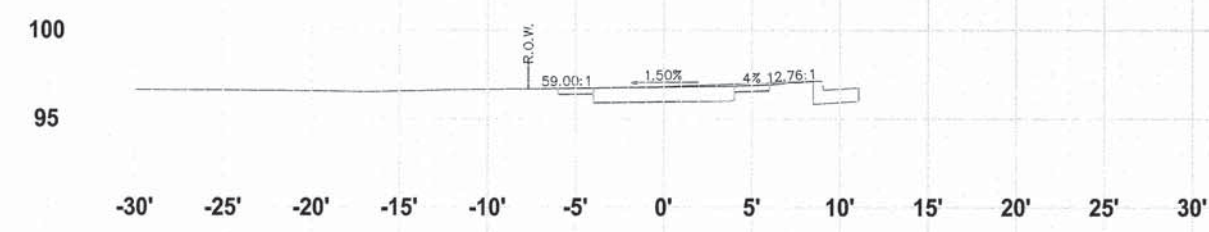
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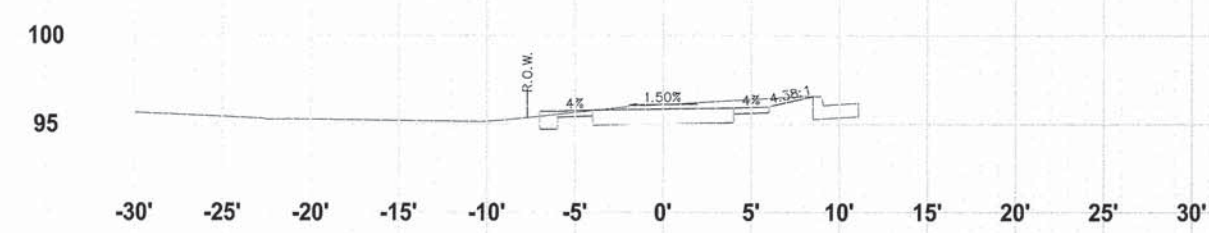
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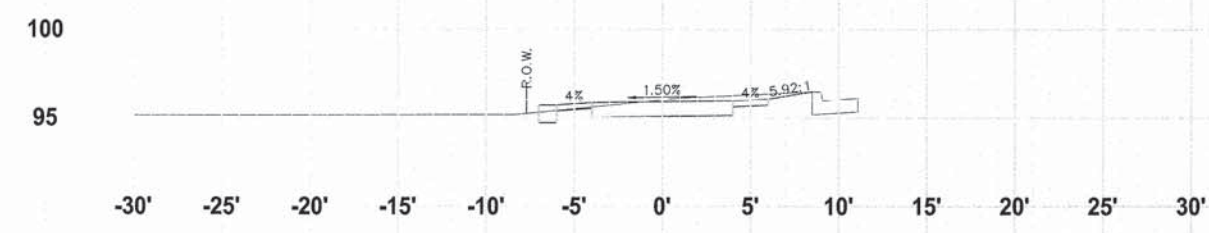
59+00.00



58+50.00



57+50.00



57+00.00

CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	64
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	

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NO.	DATE	REVISION	IDOT COMMENTS
1	1/13/16		
2	4/16/16		

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED	DRAWN
N.J.A.	J.J.D.

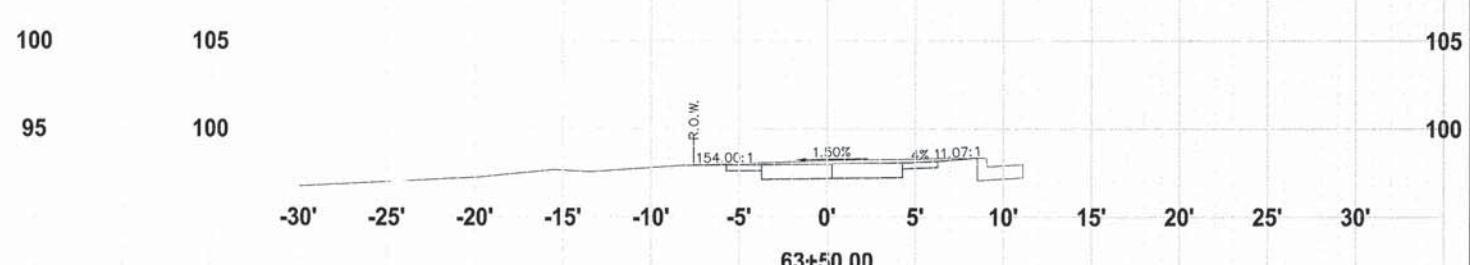
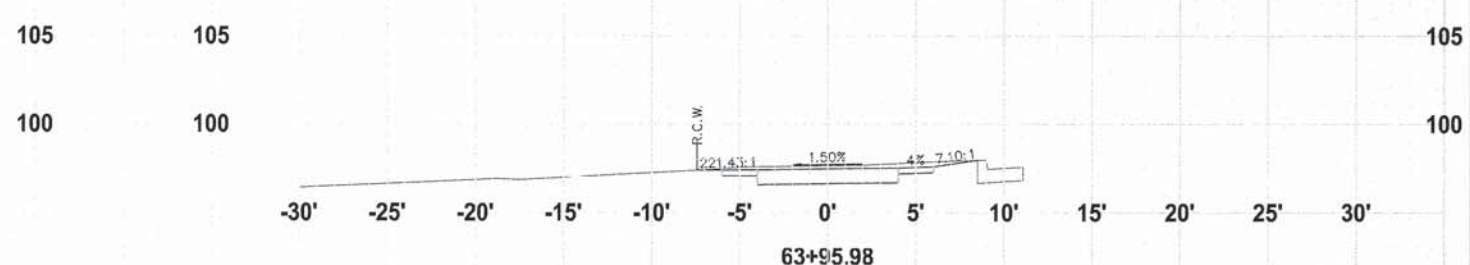
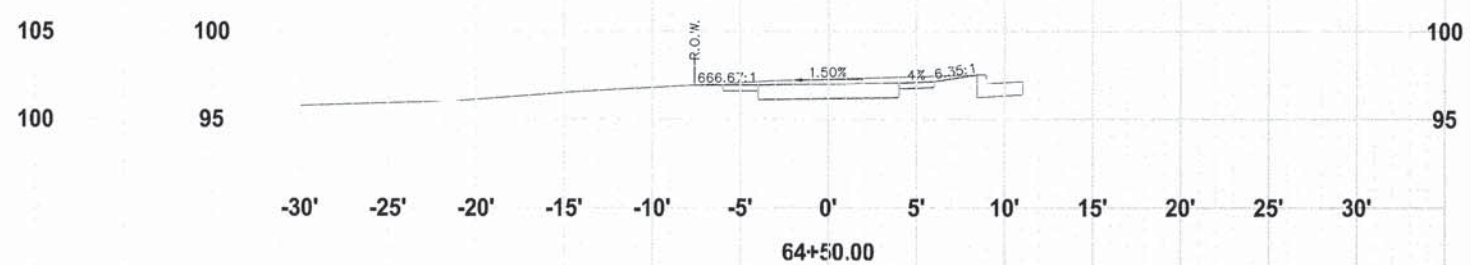
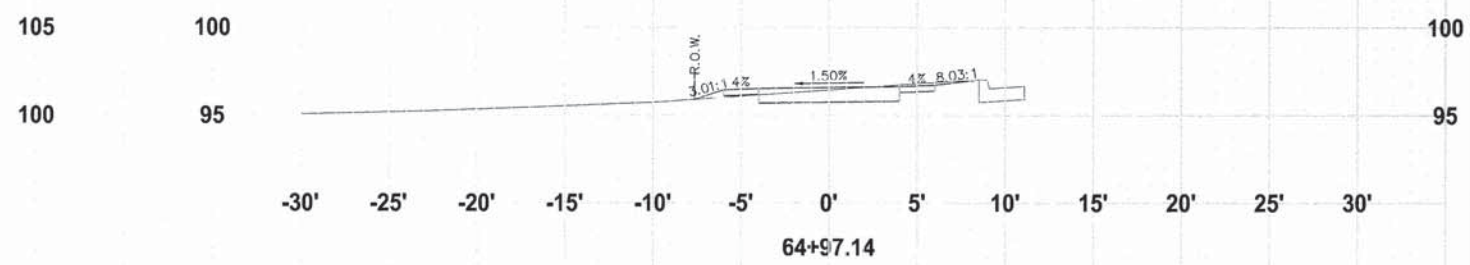
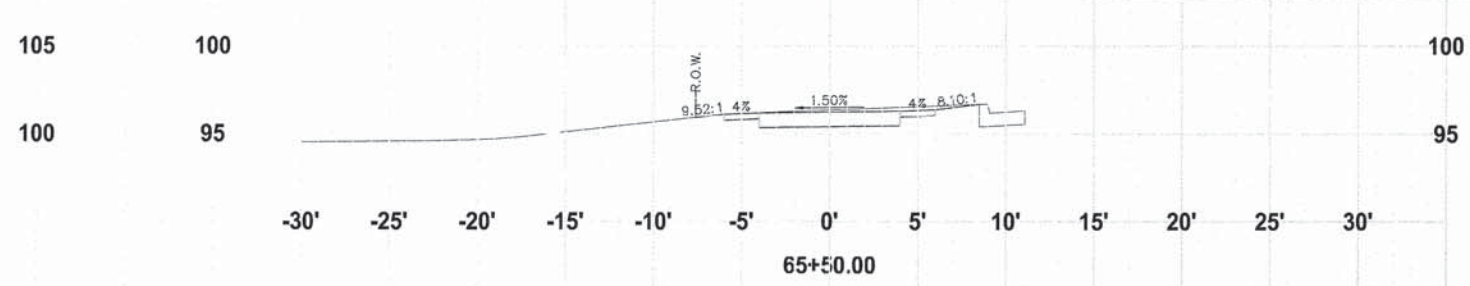
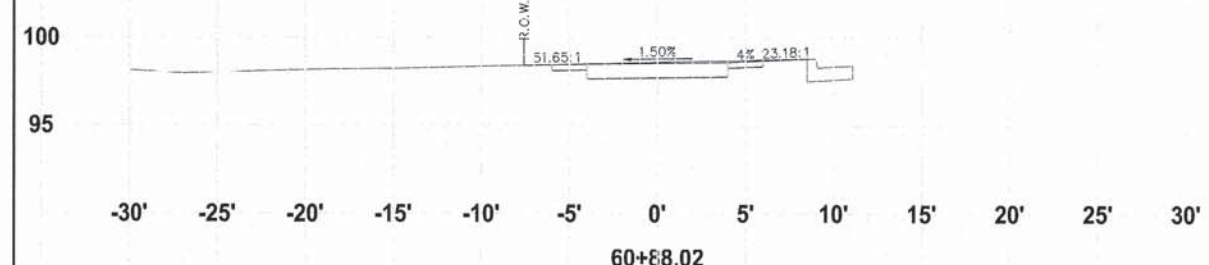
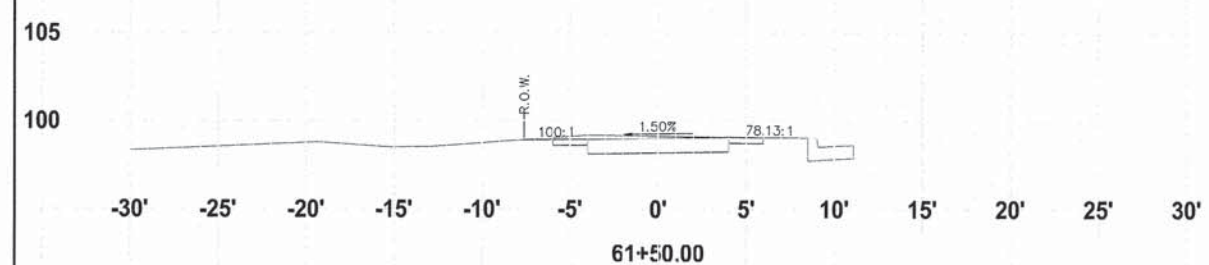
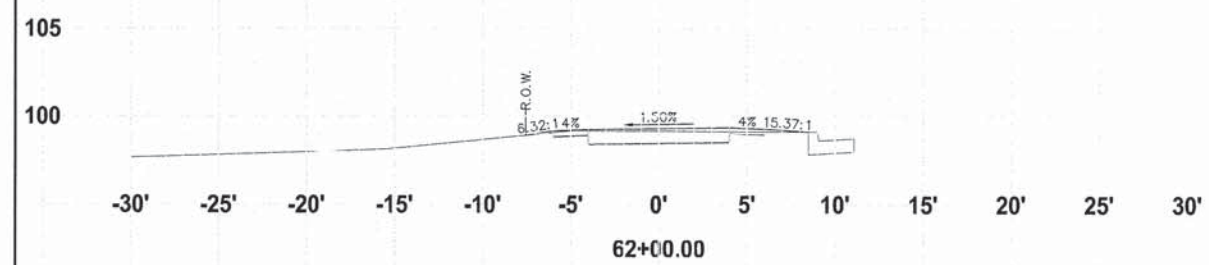
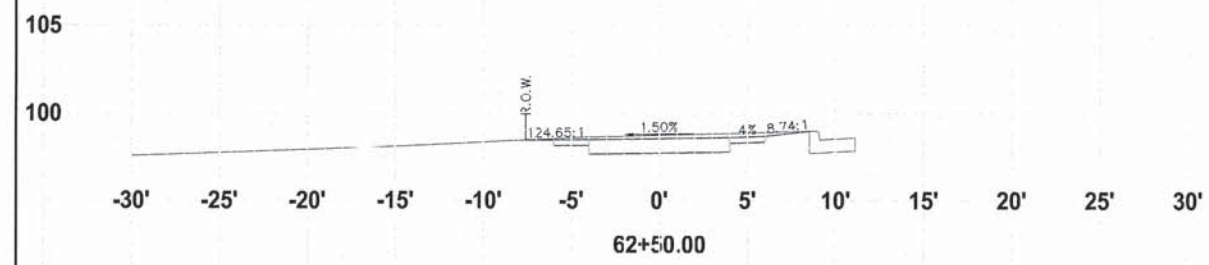
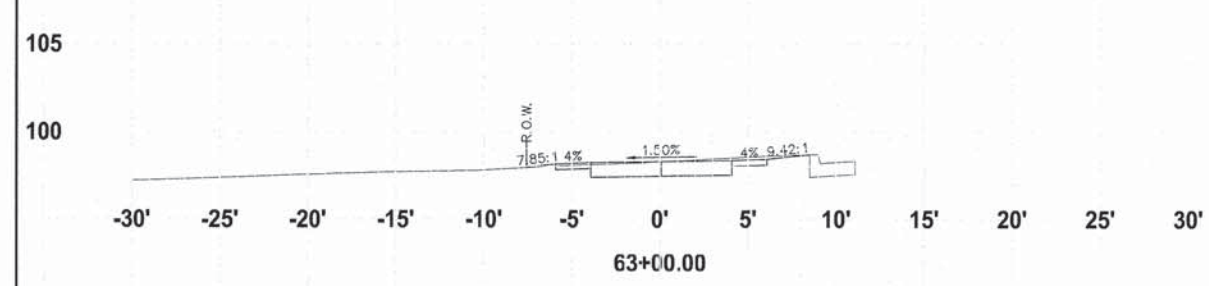
SCALE
HORIZ. 1" = 5'
VERT. 1" = 5'

PROJECT NO.
MO031-73-0135

DATE
DEC. 16, 2015

SHEET NO.

64



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	65
PROJ. TE-0002(159) ILLINOIS		CONTRACT NO. 85632		

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NO.	DATE	REVISION
1	1/12/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED: N.J.A. DRAWN: J.J.D.

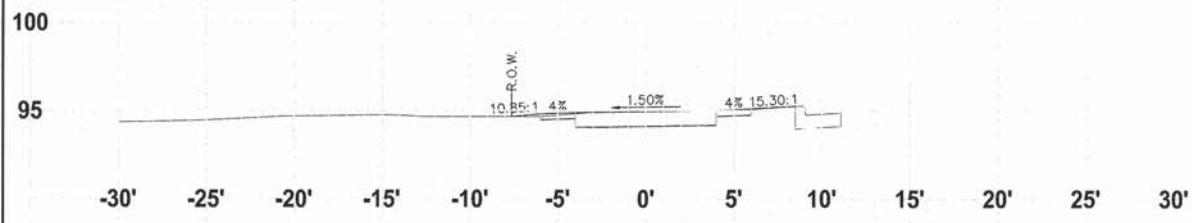
SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

PROJECT NO. MO031-73-0135

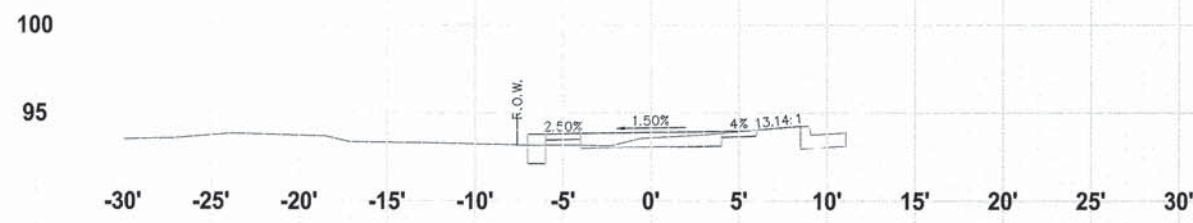
DATE: DEC. 16, 2015

SHEET NO.

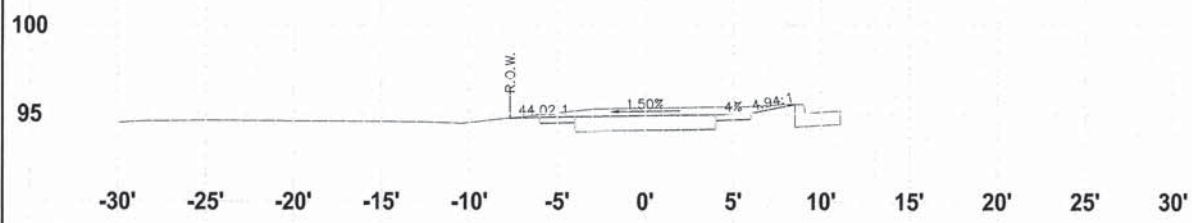
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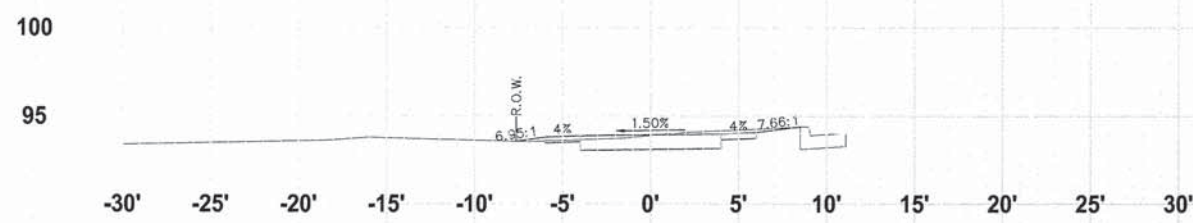
67+97.83



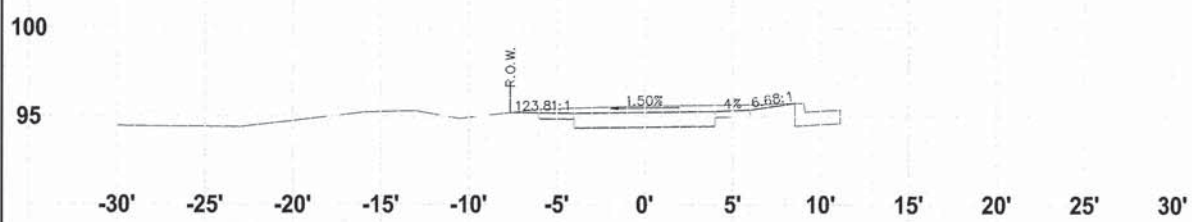
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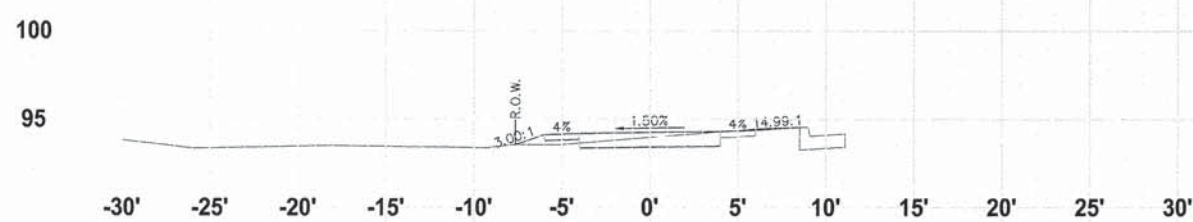
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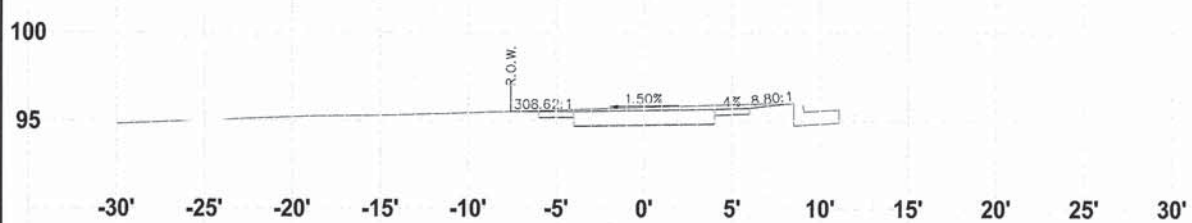
69+75.00



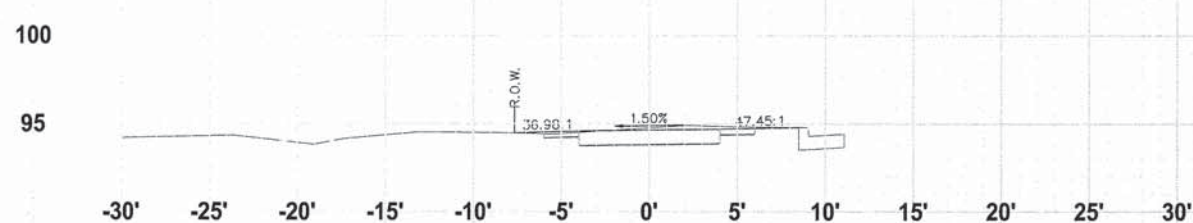
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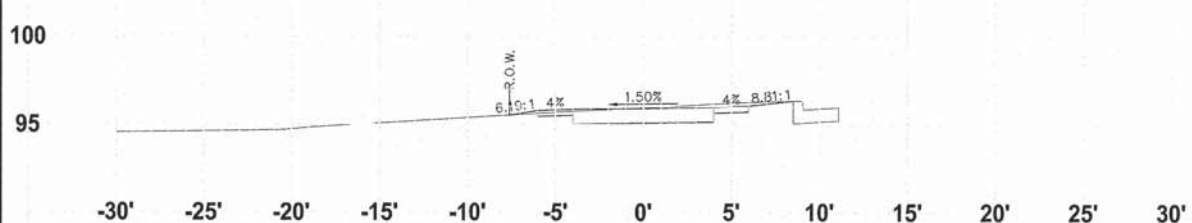
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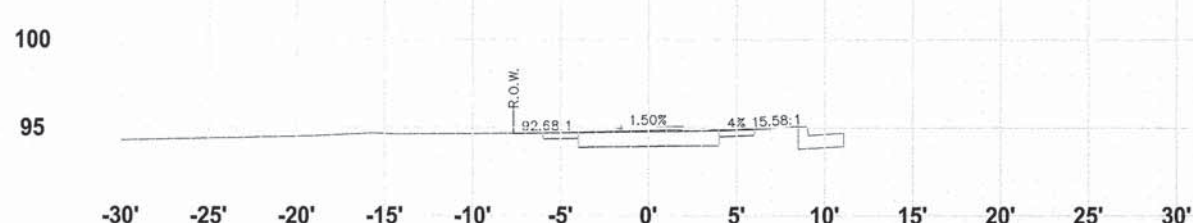
66+50.00



69+00.00



65+94.14



68+41.21

CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTF	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	66
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/16/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED
N.J.A.

DRAWN
J.J.D.

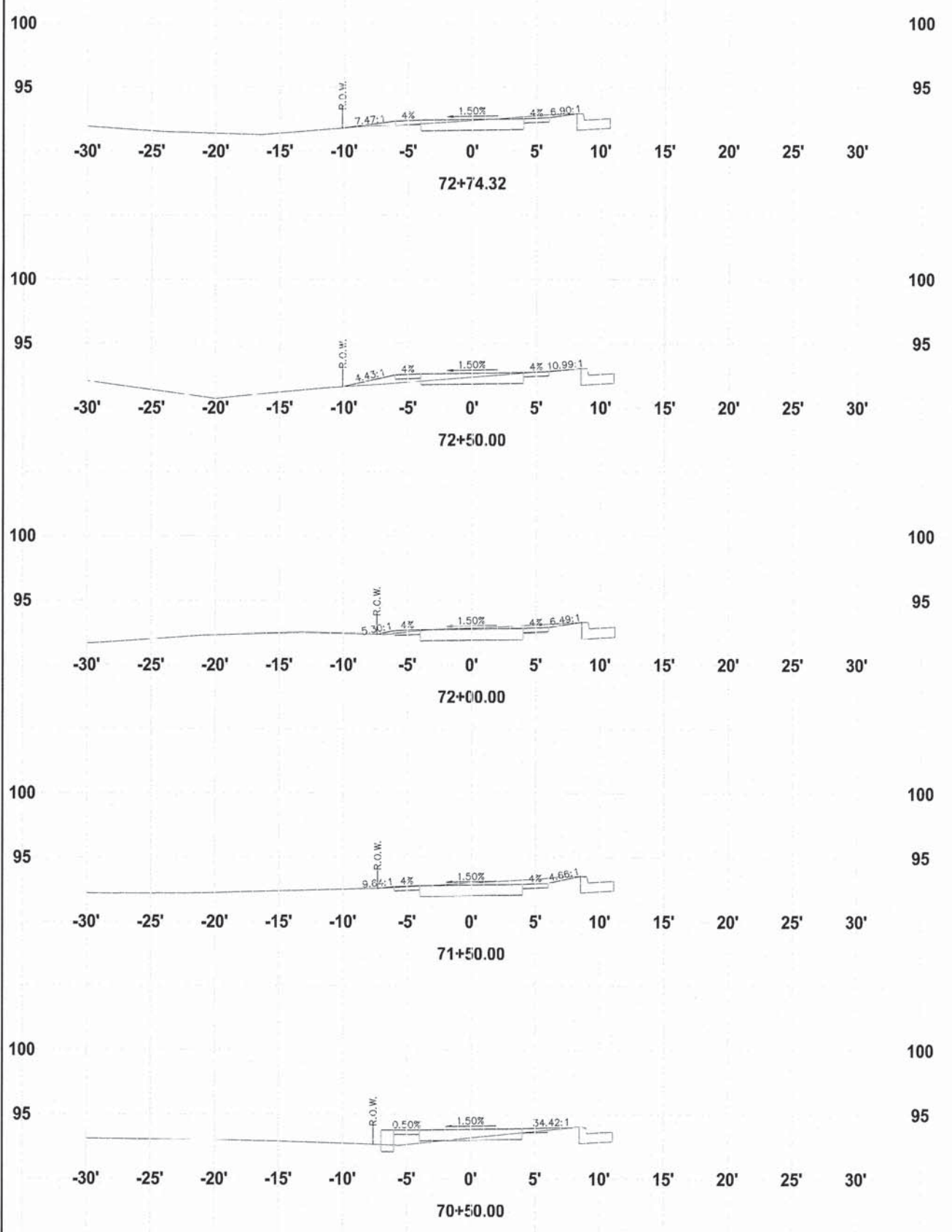
SCALE
HORIZ. 1" = 5'
VERT. 1" = 5'

PROJECT NO.
M0031-73-0135

DATE
DEC. 16, 2015

SHEET NO.

66



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	66	67
PROJ. TE-00D2(159) ILLINOIS		CONTRACT NO. 85632		

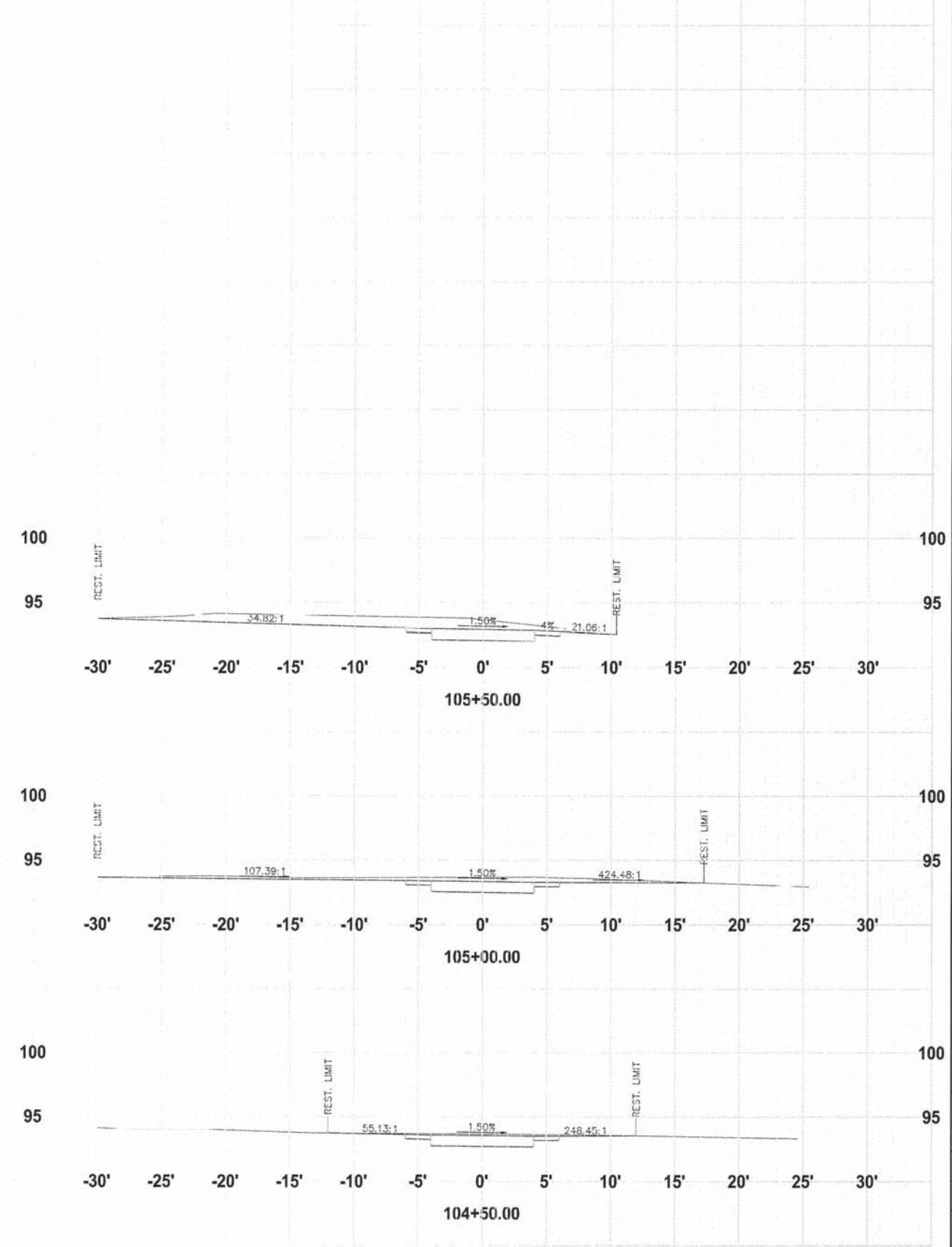
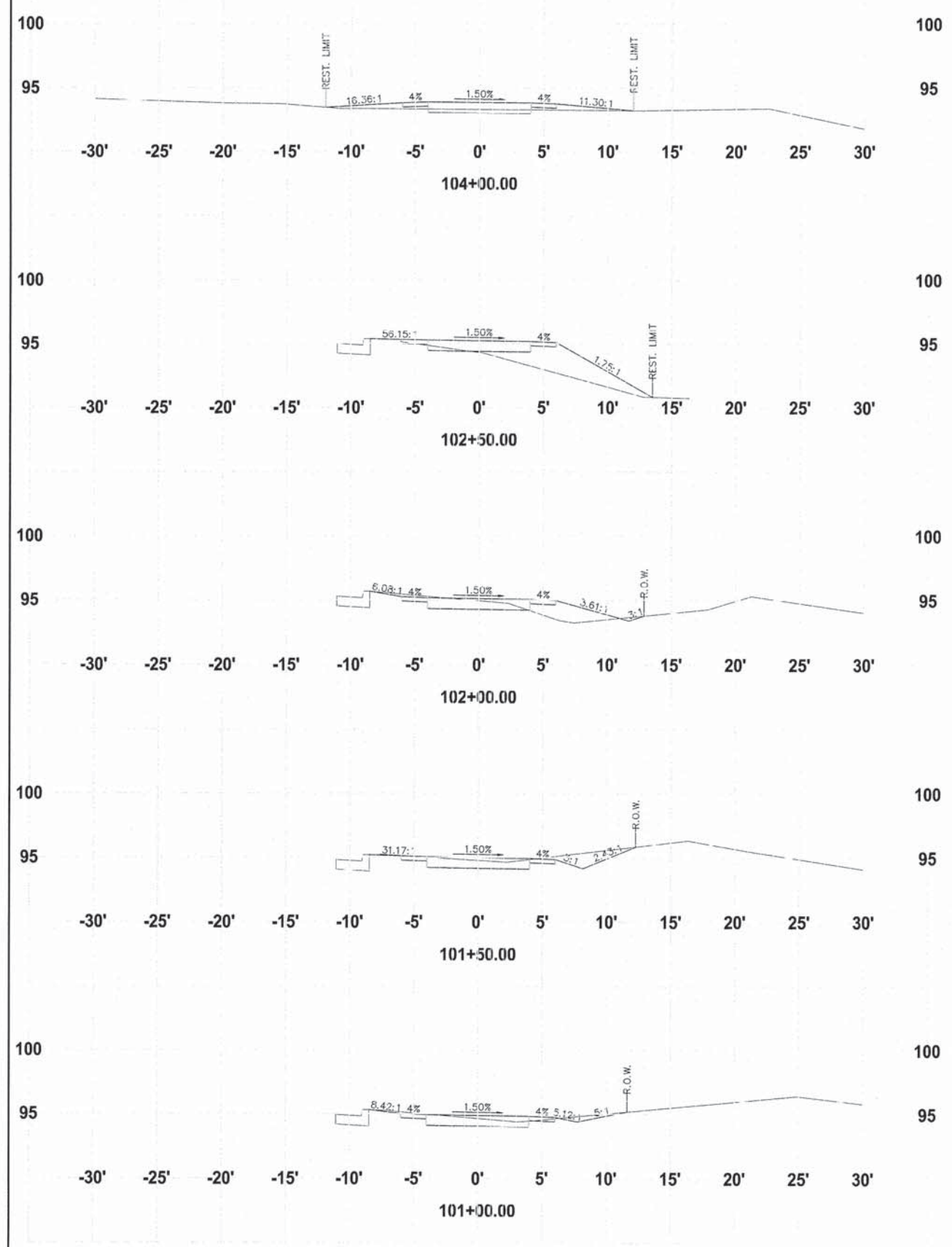


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NO.	DATE	REVISION
1	1/13/16	REVISION
2	4/18/16	REVISION

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 30' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 67	



CROSS SECTIONS - SECTION NO. 14-00031-00-BT

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	14-00031-00-BT	WINNEBAGO	68	68
PROJ. TE-00D2(159)		ILLINOIS	CONTRACT NO. 85632	



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NO.	DATE	REVISION
1	1/13/16	DOT COMMENTS
2	4/18/16	DOT COMMENTS

ALPINE ROAD SHARED-USE PATH
VILLAGE OF MACHESNEY PARK
CROSS SECTIONS

DESIGNED N.J.A.	DRAWN J.J.D.
SCALE HORIZ. 1" = 5' VERT. 1" = 5'	
PROJECT NO. M0031-73-0135	
DATE DEC. 16, 2015	
SHEET NO. 68	

