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MONROE COUNTY ROAD COMMISSION

IN COOPERATION WITH

MICHIGAN DEPARTMENT OF TRANSPORTATION AND FEDERAL HIGHWAY ADMINISTRATION

PLANS OF PROPOSED

TODD ROAD FROM DOUGLAS ROAD TO JACKMAN ROAD
IDA TOWNSHIP
MONROE COUNTY

CONTROL SECTION: STRH 58000
JOB NUMBER: 202137



AREA MAP
NOT TO SCALE

TRAFFIC DATA

270	----	PRESENT ADT (2018)
320	----	FUTURE ADT (2038)
50	----	POSTED SPEED
55	----	DESIGN SPEED
7%	----	COMMERCIAL

AS CONSTRUCTED INFORMATION

MCRC PROJECT #: _____
 PROJECT START DATE: _____
 OPEN TO TRAFFIC DATE: _____
 PROJECT COMPLETION DATE: _____
 PRIME CONTRACTOR: _____
 PAVING CONTRACTOR: _____
 FINAL CONST. CONTRACT AMT.: \$ _____

THE DESIGN OF THIS ROAD IS BASED ON THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2012 EDITION, AND SECTION C (3R) OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAM GUIDELINES FOR GEOMETRICS - DATED 8/03/17 AND THE MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, 2011 EDITION.

CONTRACT FOR: 0.18 MILES OF HOT MIX ASPHALT BASE CRUSHING, SHAPING AND RESURFACING, EMBANKMENT, EXCAVATION, AGGREGATE BASE AND SHOULDERS, DRAINAGE, PAVEMENT MARKINGS AND SLOPE RESTORATION.

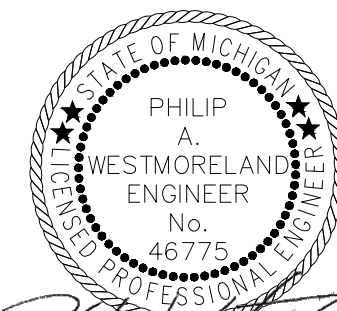
MONROE COUNTY ROAD COMMISSION APPROVAL

Frank Westenkirchner

March 2, 2018

ASST. COUNTY HIGHWAY ENGINEER FRANK WESTENKIRCHNER, P.E. DATE

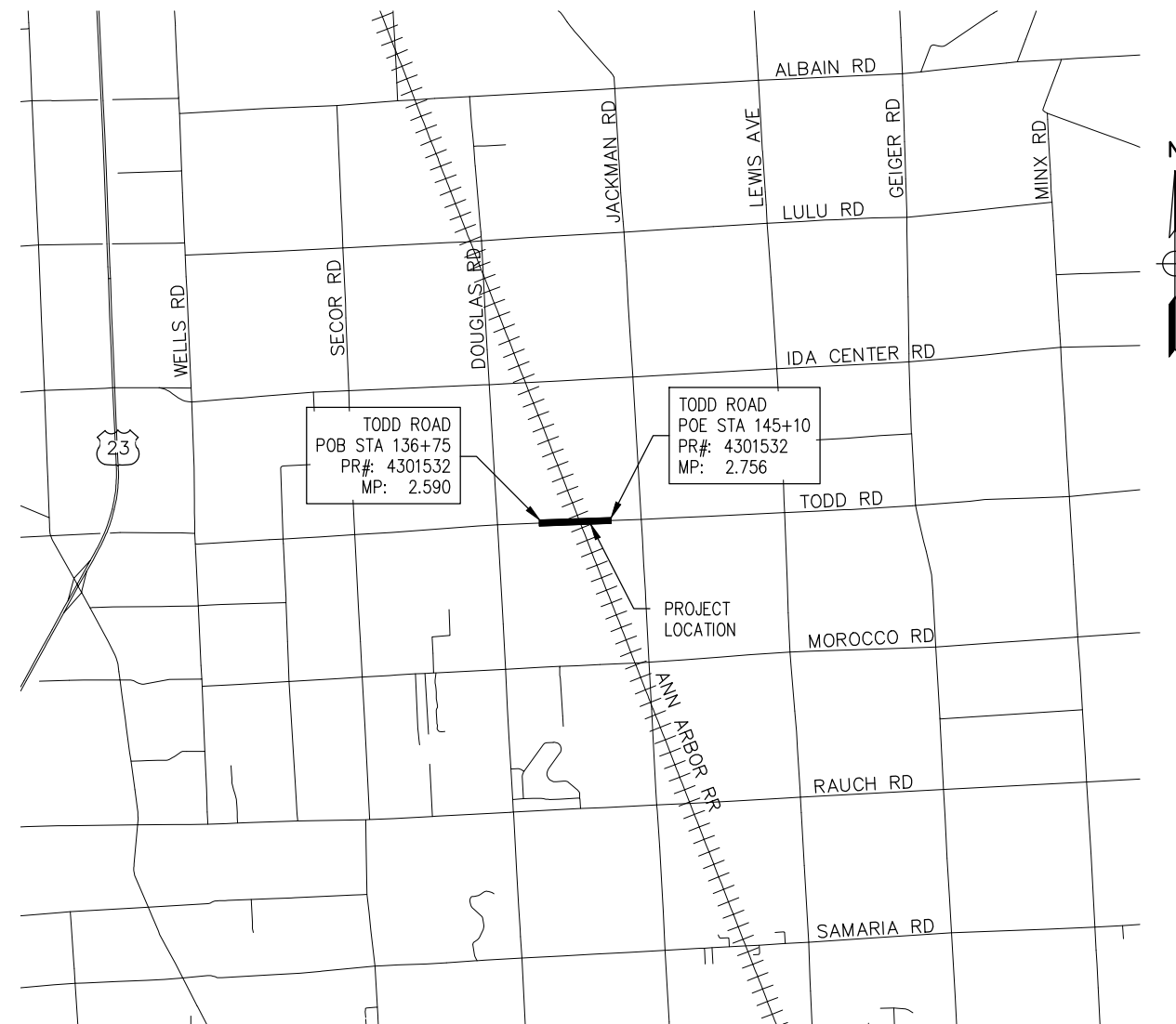
THESE PLANS WERE PREPARED FOR THE
MONROE COUNTY ROAD COMMISSION BY



PHILIP A. WESTMORELAND, P.E. REGISTRATION NO. 46775 DATE 2/27/2018



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125 Helle Blvd., Suite 2
Dundee, MI 48131
Tel. 734-823-3308
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SECTIONS 21 & 28, T07S-R07E
MCRC PROJECT NUMBER 489-008-189004

MDOT ROAD STANDARD PLANS

WHERE THE FOLLOWING ITEMS ARE CALLED FOR ON PLANS. THEY ARE TO BE CONSTRUCTED ACCORDING TO THE MDOT STANDARD PLAN GIVEN BELOW OPPOSITE EACH ITEM UNLESS OTHERWISE INDICATED.

BEDDING AND FILLING AROUND PIPE CULVERTS	R-82-D
UTILITY TRENCHES	R-83-C
SOIL EROSION & SEDIMENTATION CONTROL MEASURES	R-96-E
SEEDING AND TREE PLANTING	R-100-H
TRACK CROSSINGS	R-121-B

*SPECIAL DETAILS INCLUDED IN PROPOSAL

MDOT TRAFFIC AND SAFETY STANDARD PLANS

WHERE THE FOLLOWING ITEMS ARE CALLED FOR ON PLANS. THEY ARE TO BE CONSTRUCTED ACCORDING TO THE MDOT STANDARD PLAN GIVEN BELOW OPPOSITE EACH ITEM UNLESS OTHERWISE INDICATED.

LONGITUDINAL LINE TYPES AND PLACEMENT	PAVE-905-D
GROUND DRIVEN SIGN SUPPORTS FOR TEMP SIGNS	WZD-100-A*
TEMPORARY TRAFFIC CONTROL DEVICES	WZD-125-E*

*SPECIAL DETAILS INCLUDED IN PROPOSAL

2/28/2018 8:54 AM kevinw

FINAL PLAN REVISIONS			
NO.	DATE	AUTH	DESCRIPTION
1	02-02-18	KJW	GRADE INSPECTION NOTES



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125 Helle Blvd., Suite 2
Dundee, MI 48131
Tel. 734-823-3308
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0	VERT. (FT)	N/A
0	HORZ. (FT)	N/A

SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_TITLE.DWG

CS: STRH 58000
JN: 202137

TITLE		DRAWING	SHEET
TODD ROAD		TTL	1

UTILITIES

THE EXISTING UTILITIES LISTED BELOW AND SHOWN ON THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARING THESE PLANS. THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO BE SATISFIED AS TO ITS ACCURACY AND THE LOCATION OF EXISTING UTILITIES.

CONTACTS

BUCKEYE BROADBAND
ATTN: MICHAEL SHEAHAN
2700 OREGON ROAD
NORTHWOOD, OHIO 43619

CABLE TV
PHONE: 419-724-3713

BUCKEYE PARTNERS
ATTN: MARTY WHITE
1020 BUCKEYE ROAD
LIMA, OH 45804

HIGH PRESSURE GAS
PHONE: 419-225-1876





DTE ENERGY
WESTERN WAYNE CENTER
ATTN: CHRIS SCHASSBERGER
8001 HAGGERTY ROAD
BELLEVILLE, MI 48111

ELECTRIC
PHONE: 734-347-4156




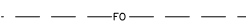
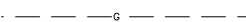
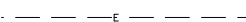
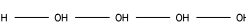
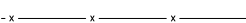



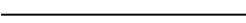


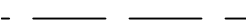

MARATHON PIPELINE
ATTN: LONDON MORRIS
539 SOUTH MAIN ST
FINDLAY, OH 45840

GAS
PHONE: 419-957-7792







PLAN SHEET REMOVAL LEGEND


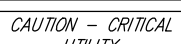








- HMA SURFACE REMOVE  ABANDON (A)
- REMOVING SIDEWALK  BULKHEAD (B)
- HMA BASE CRUSHING AND SHAPING  CLEARING (C)
- REMOVING CURB, GUTTER AND CURB & GUTTER  REMOVING (P)
- SAVE (S)

LINE TYPE LEGEND

-  - EXISTING WATER MAIN
-  - EXISTING SANITARY SEWER
-  - EXISTING STORM SEWER
-  - EXISTING UNDERGROUND TELEPHONE CABLE
-  - EXISTING UNDERGROUND FIBER OPTIC
-  - EXISTING GAS MAIN
-  - EXISTING UNDERGROUND ELECTRIC
-  - EXISTING OVERHEAD UTILITY
-  - EXISTING FENCE
-  - EXISTING CURB & GUTTER
-  - EXISTING BUILDING
-  - PROPOSED STORM SEWER
-  - PROPOSED CURB & GUTTER
-  - PROPOSED REVERSE PAN CURB & GUTTER
-  - RIGHT-OF-WAY
-  - EASEMENT

SYMBOLS LEGEND

-  - MANHOLE
-  - PROPOSED MANHOLE
-  - CATCHBASIN
-  - CURB CATCHBASIN
-  - PROPOSED CATCHBASIN
-  - FIRE HYDRANT
-  - PROPOSED FIRE HYDRANT
-  - GAS VALVE
-  - WATER VALVE
-  - PROPOSED WATER VALVE
-  - WATER CURB STOP
-  - WATER METER
-  - TELEPHONE PEDESTAL
-  - POWER POLE
-  - TELEPHONE POLE
-  - POWER AND TELEPHONE POLE
-  - LIGHT POLE
-  - GUY ANCHOR AND POLE
-  - MAIL BOX
-  - SIGN
-  - CABLE TV PEDESTAL
-  - TRANSFORMER
-  - ELECTRICAL PEDESTAL
-  - BARRIER FREE PARKING
-  - EROSION CONTROL ITEM NUMBER (SEE STANDARD PLAN R-96 SERIES)
-  - SPRINKLER
-  - RAILROAD SIGNAL
-  - ANTENNA
-  - SATELLITE DISH
-  - AIR CONDITIONING UNIT
-  - SOIL BORING
-  - BENCH MARK
-  - FOUND SURVEY CORNER
-  - SET 3/4" IRON PIPE
-  - 1/4 SECTION CORNER
-  - BREAK IN LINE
-  - STUMP
-  - WETLANDS
-  - PINE
-  - BUSH
-  - TREE
-  - M.W. - MONITORING WELL
-  - TELEPHONE MANHOLE
-  - ELECTRIC MANHOLE
-  - HAND HOLE
-  - EXISTING SIGN-1 POST
-  - PROPOSED SIGN-1 POST
-  - EXISTING SIGN-2 POSTS
-  - PROPOSED SIGN-2 POSTS

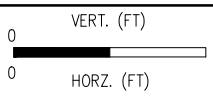
-  - HAZARDOUS OR FLAMMABLE MATERIAL - GAS OR ELECTRICAL LINES LABEL
-  - CAUTION - CRITICAL UTILITY - FIBER OPTIC, TELEPHONE LINES, AND WATER MAIN LABEL
-  - (ADJ-) - DR STRUCTURE COVER, ADJ, CASE _
-  - (ADJ-B/O) - ADJUST BY OTHERS
-  - (REL-B/O) - RELOCATE BY OTHERS
-  - (SWR-) - SIDEWALK RAMP TYPE
-  - (GBA-) - GATE BOX, ADJ, CASE _
-  - (WSA-) - WATER SHUTOFF, ADJ, CASE _
-  - (MWA-) - MONITORING WELL, ADJ, CASE _
-  - (REL-) - RELOCATE WITH CASE _

2/16/2018 12:59 AM kevinw

FINAL PLAN REVISIONS			
NO.	DATE	AUTH	DESCRIPTION
1	02-02-18	KJW	GRADE INSPECTION NOTES



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Dundee, MI 48131
Tel: 734-823-3308
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SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_LEGEND.DWG

CS: STRH 58000
JN: 202137

LEGEND
TODD ROAD

DRAWING	SHEET
LGND	2

GENERAL NOTES

UNDERGROUND UTILITIES/MISS DIG

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174, 2013, THE CONTRACTOR SHALL DIAL 1-800-482-7171 OR 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE EXISTING UTILITIES ON THESE DRAWINGS HAVE BEEN SHOWN ACCORDING TO THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND SHALL NOTIFY THE ENGINEER AS TO WHERE POSSIBLE CONFLICT EXISTS.

EXISTING WATER MAINS AND SEWERS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PROPERLY IDENTIFIED EXISTING WATER MAINS AND/OR EXISTING SEWERS DURING THE CONSTRUCTION OF THIS PROJECT.

ADJUSTING MONUMENT BOXES

ALL GOVERNMENT CORNERS ON THIS PROJECT SHALL BE PRESERVED, WHETHER SHOWN OR NOT. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES, AS REQUIRED.

PAVEMENT MARKINGS AND SIGNS

ALL PERMANENT PAVEMENT MARKINGS, SHAPES, AND DIMENSIONS SHALL CONFORM WITH MDOT PAVEMENT MARKING TYPICALS PAVE-900 SERIES.

SOIL EROSION MEASURES

APPROPRIATE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EARTH-DISTURBING ACTIVITIES. PLACE TURF ESTABLISHMENT ITEMS AS SOON AS POSSIBLE ON POTENTIAL ERODABLE SLOPES AS DIRECTED BY THE ENGINEER. CRITICAL DITCH GRADES SHALL BE PROTECTED WITH EITHER SOD OR SEED/MULCH OR MULCH BLANKET AS DIRECTED BY THE ENGINEER.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND MAINTAINED UNTIL THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MEASURES SHALL ONLY BE PAID FOR ONCE.

SEED MIXTURE

THE DESIGNATION FOR THE PERMANENT TURF SEED MIXTURE ON THIS PROJECT SHALL BE THM.

GENERAL NOTES (CONT.)

CONNECTIONS TO EXISTING CULVERTS/SEWERS

THE EXTENSIONS/CONNECTIONS TO EXISTING CULVERTS/SEWERS ON THIS PROJECT MAY REQUIRE EXTRA WORK TO OBTAIN A TIGHT SEAL AT THE JOINT CONNECTING NEW PIPE TO EXISTING PIPE. THE JOINT BETWEEN THE EXISTING AND NEW PIPES SHALL BE CONSTRUCTED ACCORDING TO THE 2012 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER. ANY EXTRA WORK REQUIRED TO OBTAIN TIGHT JOINTS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN COMPENSATION FOR NEW PIPE.

PROPERTY OWNERS

PROPERTY OWNERS' NAMES, WHERE SHOWN, ARE FOR INFORMATION ONLY, AND THEIR ACCURACY IS NOT GUARANTEED.

SAWCUTS

PAYMENT FOR SAWCUTS REQUIRED TO REMOVE MISCELLANEOUS ITEMS, PAVEMENT AND/OR CURB AND GUTTER SHALL BE INCLUDED IN THOSE REMOVAL ITEMS.

MAINTAINING TRAFFIC QUANTITIES

4	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn
4	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper
1	LSUM	Minor Traf Devices
177	Sft	Sign, Type B, Temp, Prismatic, Furn
177	Sft	Sign, Type B, Temp, Prismatic, Oper
1	LSUM	Traf Regulator Control

MISCELLANEOUS ESTIMATES

THE FOLLOWING ITEMS OF WORK SHALL BE DONE AS THEY APPLY THROUGHOUT THE PROJECT. THESE ITEMS ARE NOT DETAILED OR INCLUDED ON THE PLAN AND PROFILE SHEETS:

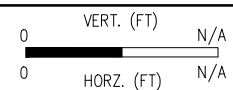
1	LSUM	Mobilization, Max _____
25	Cyd	Subgrade Undercutting, Type II
200	Ft	Erosion Control, Silt Fence
18	Ft	Pavt Mrkg, Polyurea, 24 inch, Stop Bar
1000	Ft	Pavt Mrkg, Waterborne, 4 inch, Yellow
19	Ea	Picea Pungens (Blue Spruce)

FINAL PLAN REVISIONS

NO.	DATE	AUTH	DESCRIPTION
1	02-02-18	KJW	GRADE INSPECTION NOTES



SAGINAW OFFICE
 230 S. Washington Ave.
 Saginaw, MI 48607
 Tel. 989-754-4717
 Fax. 989-754-4440
 www.SpicerGroup.com



SGI PROJECT NO: 125375SG2017
 DATE: FEBRUARY, 2018
 FILE: LP_NOTES.DWG

CS: STRH 58000
 JN: 202137

NOTE SHEET
TODD ROAD

DRAWING	SHEET
NOTES	3



JACKMAN RD

111+30

115+00

120+00

125+00

130+00

135+00

140+00

145+00

150+00

155+00

160+00

164+05

SE CORNER SEC 20
SW CORNER SEC 21
STA 111+30
N 19956.9730
E 17377.1230

S 1/4 CORNER SEC 22
N 1/4 CORNER SEC 28
STA 137+53.23
N 20000.0000
E 20000.0000

SECTION 22
T07S, R07E
IDA TOWNSHIP

SECTION 28
T07S, R07E
IDA TOWNSHIP

SECTION 22
T07S, R07E
IDA TOWNSHIP

SECTION 28
T07S, R07E
IDA TOWNSHIP



DOUGLAS RD

164+05

SE CORNER SEC 21
SW CORNER SEC 22
STA 164+05
N 20043.4620
E 22651.7480

MATCHLINE 138+00

MATCHLINE 138+00

ANN ARBOR RR

CP 108

CP 103

BM 202

CP 104

BM 201

CP 105

145+00

150+00

CP 107

155+00

160+00

BENCH MARKS

BM201 MCRC DISK
STA 145+36.1, 17.49' RT
N: 19995.344, E: 20783.009
ELEVATION: 647.36

BM202 RAILROAD SPIKE IN POWER POLE
STA 143+34.4, 23.51' RT
N: 19986.016, E: 20581.462
ELEVATION: 645.97

CONTROL POINTS

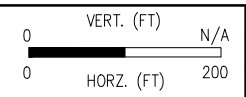
CP101	CAPPED IRON ROD STA 134+54.7, 15.19' LT N: 20010.289, E: 19701.322 ELEVATION: 646.25	CP105	CAPPED IRON ROD STA 145+18.23, 30.30' LT N: 20042.830, E: 20764.397 ELEVATION: 646.37
CP102	BARN NAIL STA 139+25.34, 50.42' RT N: 19952.409, E: 20173.909 ELEVATION: 644.89	CP107	CAPPED IRON ROD STA 150+76.67, 12.18' RT N: 20009.506, E: 21323.461 ELEVATION: 644.54
CP103	CAPPED IRON ROD STA 142+41.69, 16.70' LT N: 20024.703, E: 20488.116 ELEVATION: 646.98	CP108	PK NAIL STA 141+48.19, 0.07' LT N: 20006.547, E: 20394.904 ELEVATION: 650.991
CP104	CAPPED IRON ROD STA 144+64.41, 25.19' RT N: 19986.464, E: 20711.497 ELEVATION: 646.26		

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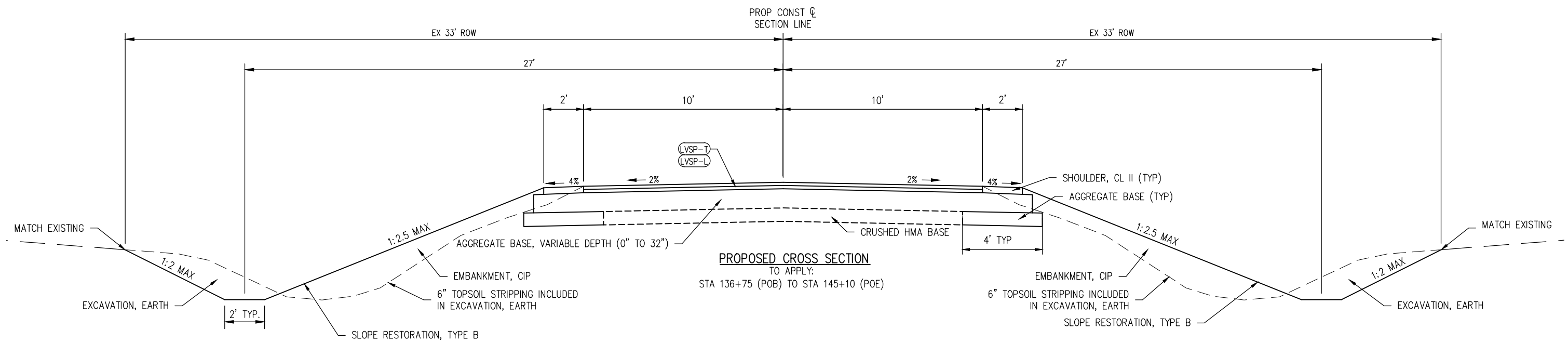
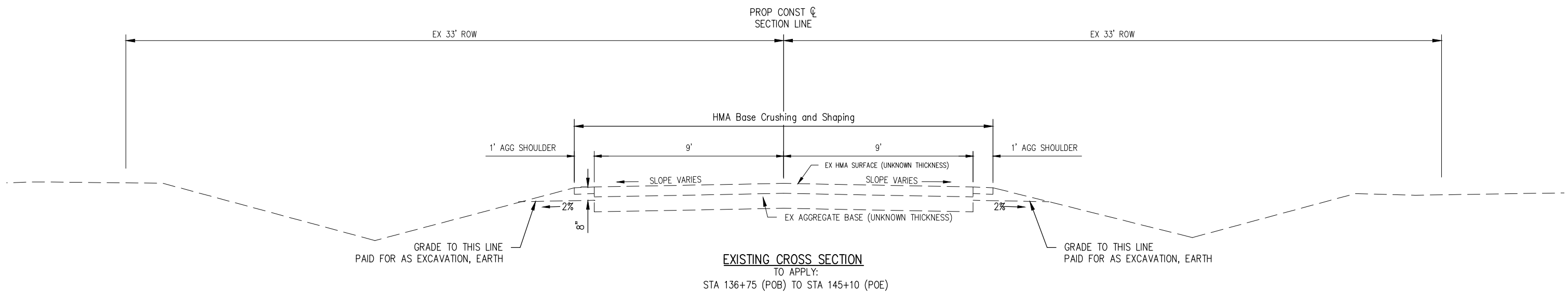
SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_ALIGN.DWG

CS: STRH 58000
JN: 202137

ALIGNMENT SHEET
TODD ROAD

DRAWING	SHEET
ALIGN	4

2/27/2018 2:34 PM kevinw



HMA APPLICATION ESTIMATE

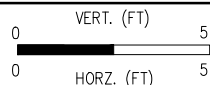
IDENT. NO.	ITEM	RATE LBS PER SYD	PERFORMANCE GRADE	REMARKS
LVSP-T	HMA, LVSP	220	58-28	HMA TOP COURSE (AWI = 220 MIN.)
LVSP-L	HMA, LVSP	220	58-28	HMA LEVELING COURSE
	BOND COAT			SS-1h AT 0.05 TO 0.15 GAL/SYD

2/27/2018 2:36 PM kevinw

FINAL PLAN REVISIONS			
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 125 Helle Blvd., Suite 2
 Dundee, MI 48131
 Tel: 734-923-3309
 www.SpicerGroup.com



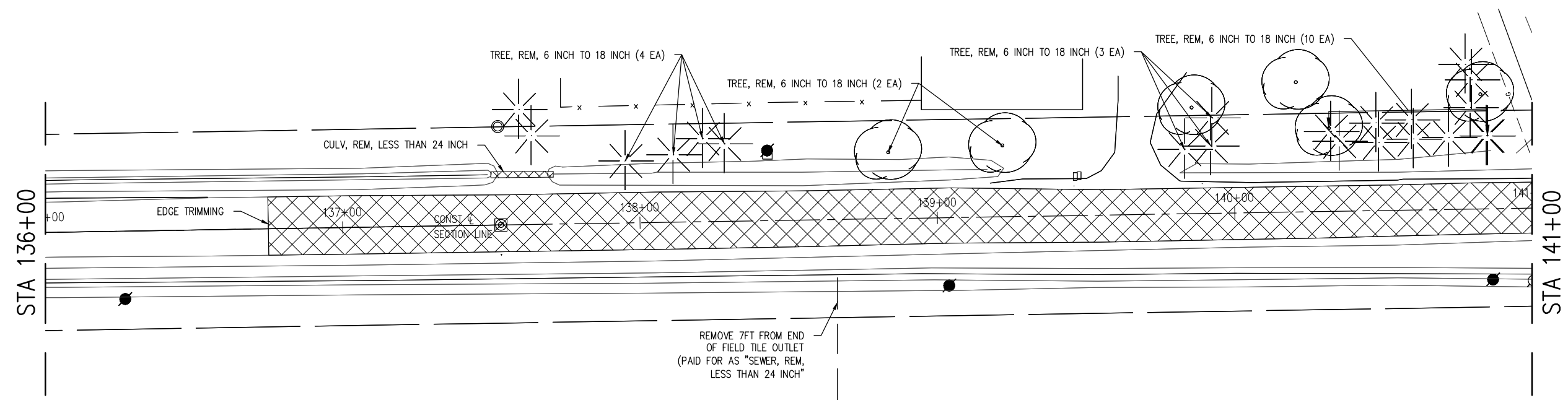
SGI PROJECT NO: 125375SG2017
 DATE: FEBRUARY, 2018
 FILE: LP_TYPS.DWG

CS: STRH 58000
 JN: 202137

**TYPICAL CROSS SECTIONS
 TODD ROAD**

DRAWING	SHEET
TYP1	5

SECTION 21
T07S, R07E
IDA TOWNSHIP



SECTION 28
T07S, R07E
IDA TOWNSHIP

REMOVAL QUANTITIES - THIS SHEET

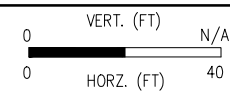
632	Cyd	Excavation, Earth
875	Syd	HMA Base Crushing and Shaping
1	Ea	Culv, Rem, Less than 24 inch
7	Ft	Sewer, Rem, Less than 24 inch
19	Ea	Tree, Rem, 6 inch to 18 inch
18	Ft	Edge Trimming

2/19/2018 9:29 AM kevinw

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Dundee, MI 48131
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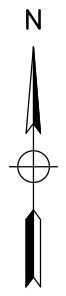
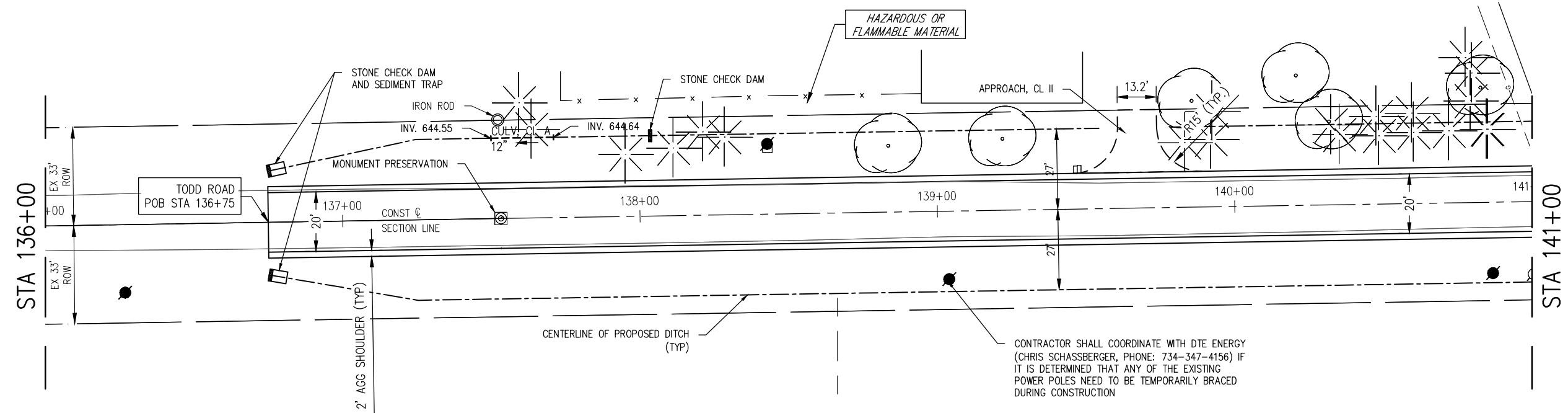
SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_PLAN.DWG

CS: STRH 58000
JN: 202137

REMOVAL
TODD ROAD
STA 136+75 TO STA 141+00

DRAWING	SHEET
REM1	6

SECTION 21
T07S, R07E
IDA TOWNSHIP



SECTION 28
T07S, R07E
IDA TOWNSHIP

CONTRACTOR SHALL COORDINATE WITH DTE ENERGY
(CHRIS SCHASSBERGER, PHONE: 734-347-4156) IF
IT IS DETERMINED THAT ANY OF THE EXISTING
POWER POLES NEED TO BE TEMPORARILY BRACED
DURING CONSTRUCTION

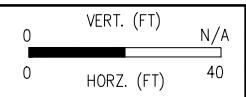
CONSTRUCTION QUANTITIES - THIS SHEET

731	Cyd	Embankment, CIP
1000	Ton	Aggregate Base
25	Ton	Approach, Cl II
230	Ton	HMA, LVSP
60	Ton	Shoulder, Cl II
24	Ft	Culv, Cl A, 12 inch
1	Ea	Monument Box
1	Ea	Monument Preservation
2800	Syd	Slope Restoration, Type B
30	Ft	Erosion Control, Check Dam, Stone
2	Ea	Erosion Control, Sediment Trap

FINAL PLAN REVISIONS			
NO.	DATE	AUTH	DESCRIPTION
1	02-02-18	KJW	GRADE INSPECTION NOTES



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SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_PLAN.DWG

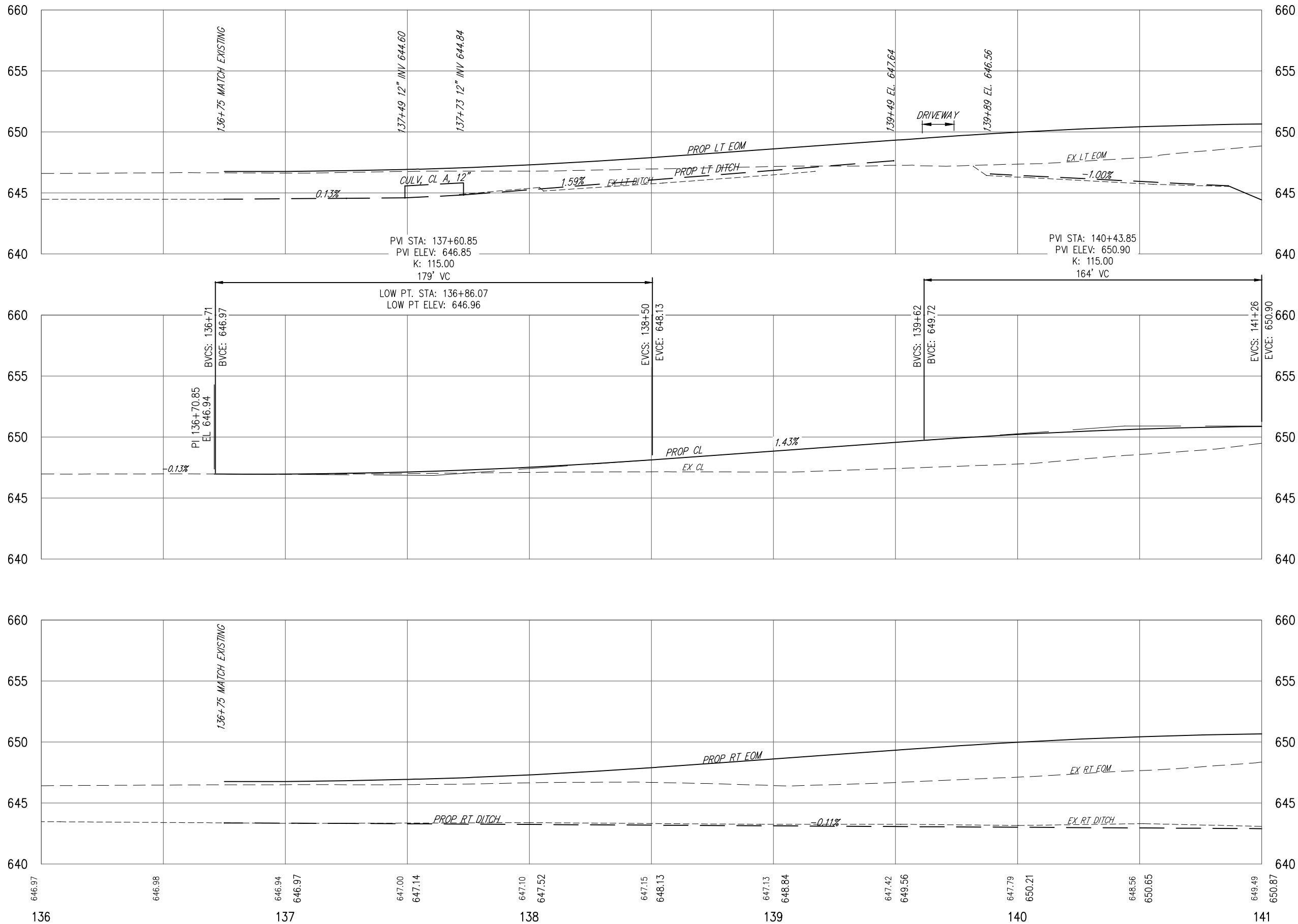
CS: STRH 58000
JN: 202137

CONSTRUCTION
TODD ROAD
STA 136+75 TO STA 141+00

DRAWING	SHEET
CONST1	7

2/19/2018 9:29 AM kevinw

2/16/2018 1:01 AM kevinw



EX PROFILE 10' LT
 PROP EOM 10' LT
 EX DITCH LT PROFILE (OFFSET VARIES)
 PROP DITCH 27' LT

 EX CONST C/L
 PROP CONST C/L

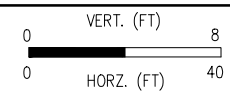
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 PROP EOM 10' RT
 EX DITCH (OFFSET VARIES)
 PROP DITCH 27' RT

 EX C/L ELEV
 PROP C/L ELEV

FINAL PLAN REVISIONS			
NO.	DATE	AUTH	DESCRIPTION
1	02-02-18	KJW	GRADE INSPECTION NOTES



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SGI PROJECT NO: 125375SG2017
 DATE: FEBRUARY, 2018
 FILE: LP_PROF.DWG

CS: STRH 58000
 JN: 202137

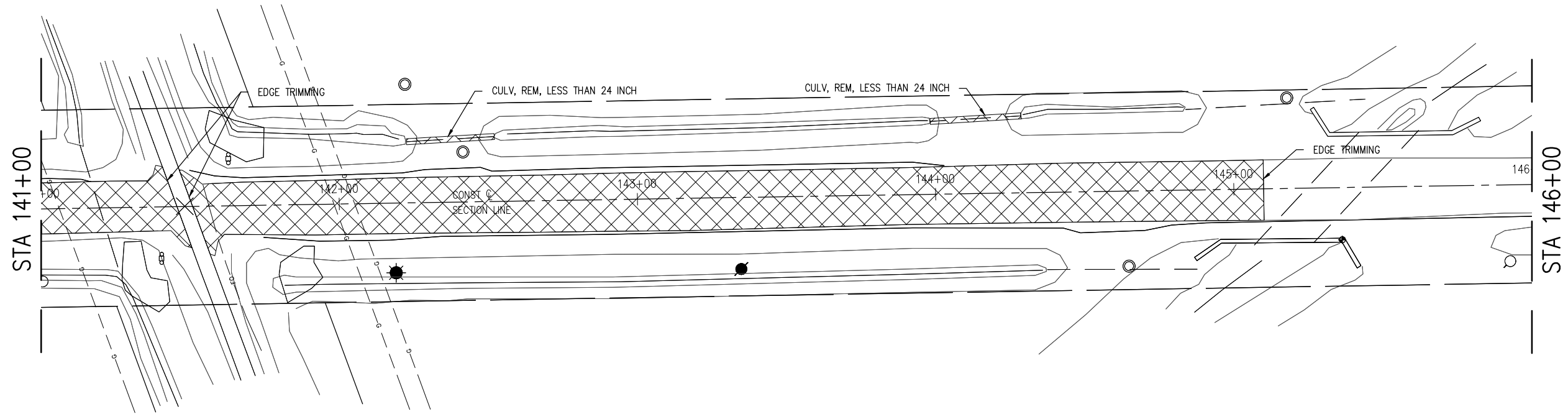
PROFILE
 TODD ROAD
 STA 136+75 TO 141+00

DRAWING SHEET
 PROF1 8

ANN ARBOR
RAILROAD

SECTION 21
T07S, R07E
IDA TOWNSHIP

LOCKWOOD
DRAIN



SECTION 28
T07S, R07E
IDA TOWNSHIP

CONSTRUCTION QUANTITIES - THIS SHEET

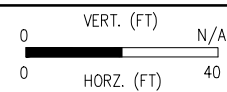
402	Cyd	Excavation, Earth
865	Syd	HMA Base Crushing and Shaping
2	Ea	Culv, Rem, Less than 24 inch
78	Ft	Edge Trimming

2/19/2018 9:29 AM kevinw

FINAL PLAN REVISIONS			
NO.	DATE	AUTH	DESCRIPTION
1	02-02-18	KJW	GRADE INSPECTION NOTES



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SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_PLAN.DWG

CS: STRH 58000
JN: 202137

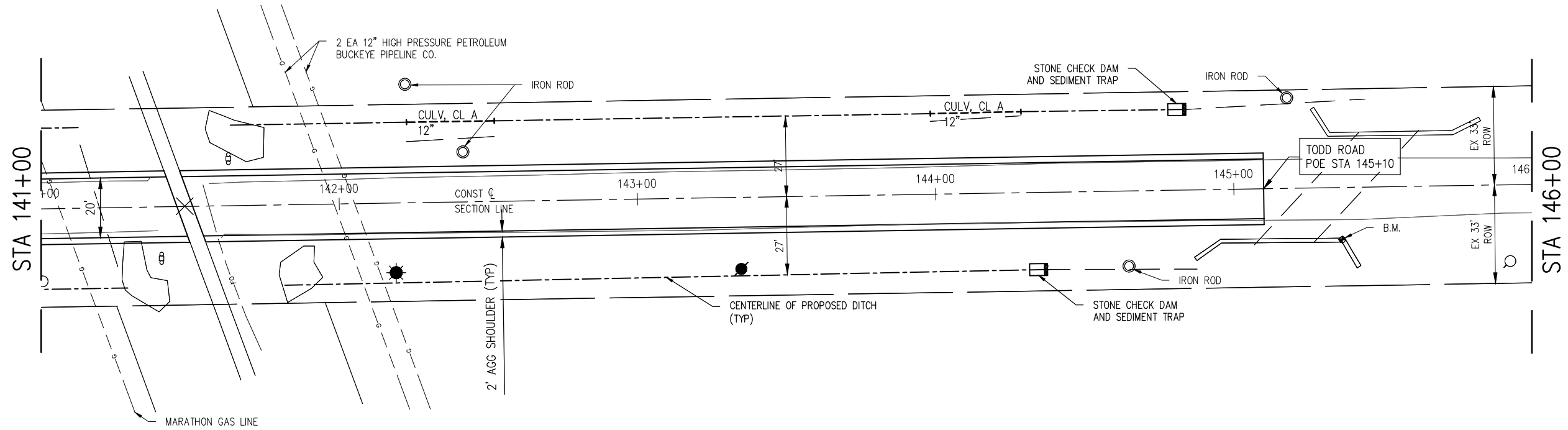
REMOVAL
TODD ROAD
STA 141+00 TO STA 145+10

DRAWING	SHEET
REM2	9

ANN ARBOR
RAILROAD

SECTION 21
T07S, R07E
IDA TOWNSHIP

LOCKWOOD
DRAIN



NOTE: CONTRACTOR WILL CONTACT THE BUCKEYE PIPELINE CO. WAYNE RIGHT-OF-WAY OFFICE (734-721-8834) AT LEAST 24 HOURS IN ADVANCE BEFORE WORKING WITHIN 50 FEET OF THE BUCKEYE PIPELINES. NO WORK SHALL BE DONE NEAR THE PIPELINES WITHOUT A BUCKEYE REPRESENTATIVE ON SITE.

USE OF VIBRATORY EQUIPMENT LARGER THAN WALK-BEHIND UNITS IS NOT PERMITTED WITHIN 25 FEET OF THE PIPELINE

SECTION 28
T07S, R07E
IDA TOWNSHIP

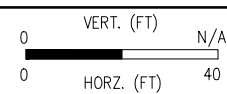
CONSTRUCTION QUANTITIES - THIS SHEET

638	Cyd	Embankment, CIP
1100	Ton	Aggregate Base
220	Ton	HMA, LVSP
55	Ton	Shoulder, CI II
60	Ft	Culv, Cl A, 12 inch
2600	Syd	Slope Restoration, Type B
20	Ft	Erosion Control, Check Dam, Stone
2	Ea	Erosion Control, Sediment Trap

FINAL PLAN REVISIONS			
NO.	DATE	AUTH	DESCRIPTION
1	01-24-18	KJW	GRADE INSPECTION NOTES



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SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_PLAN.DWG

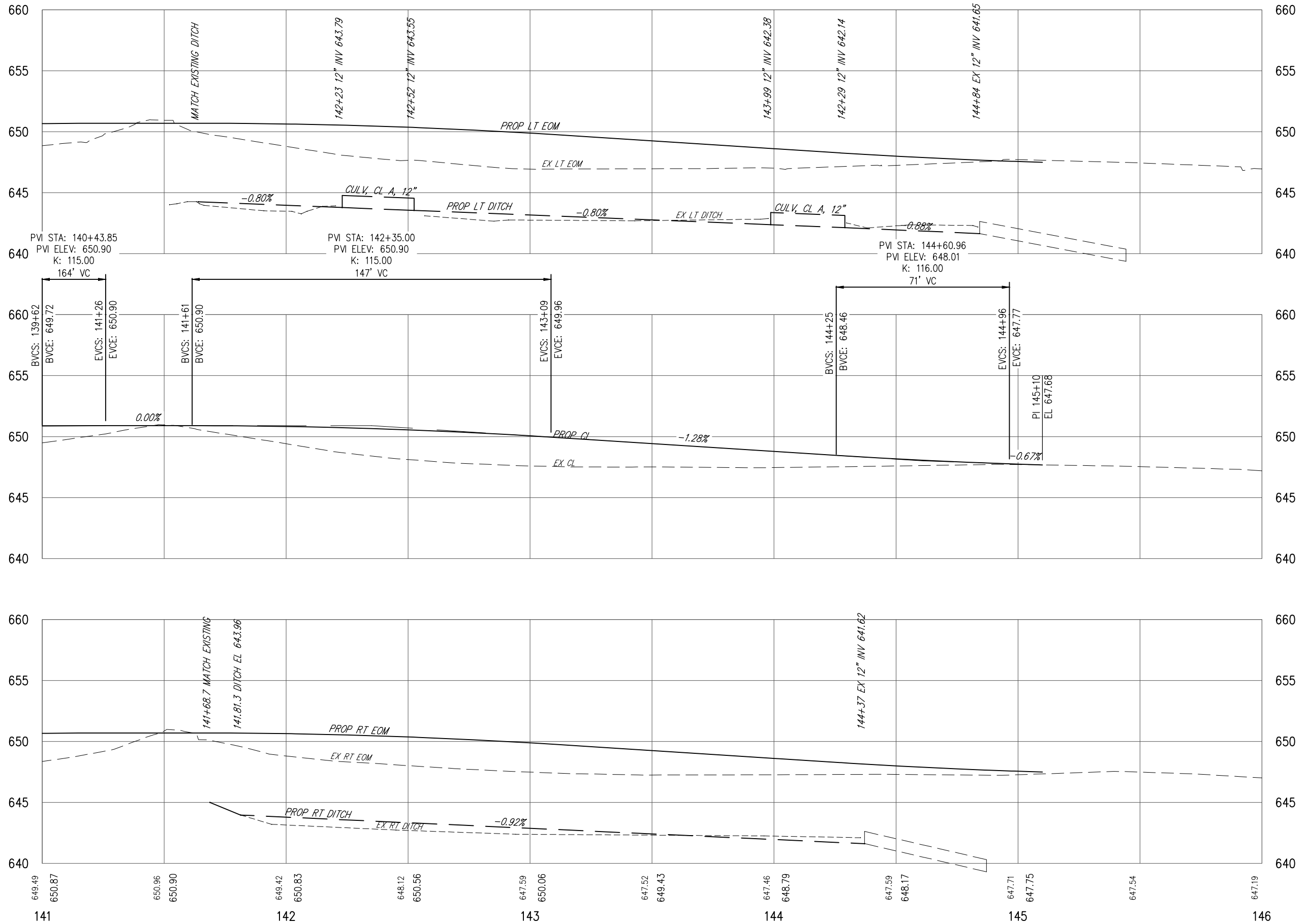
CS: STRH 58000
JN: 202137

CONSTRUCTION
TODD ROAD
STA 141+00 TO STA 145+10

DRAWING SHEET
CONST2 10

2/19/2018 9:29 AM kevinw

2/16/2018 1:02 AM kevinw



EX PROFILE 9' LT
 PROP EOM 9' LT
 EX DITCH LT PROFILE (OFFSET VARIES)
 PROP DITCH 27' LT

EX CONST C/L
 PROP CONST C/L

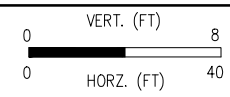
EX PROFILE 9' RT
 PROP EOM 9' RT
 EX DITCH (OFFSET VARIES)
 PROP DITCH 27' RT

EX C/L ELEV
 PROP C/L ELEV

FINAL PLAN REVISIONS			
NO.	DATE	AUTH	DESCRIPTION
1	02-02-18	KJW	GRADE INSPECTION NOTES



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
SGI PROJECT NO: 125375SG2017
 DATE: FEBRUARY, 2018
 FILE: LP_PROF.DWG


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 JN: 202137


PROFILE
 TODD ROAD
 STA 141+00 TO STA 145+10


DRAWING SHEET
 PROF 2 11

MAINTAINING TRAFFIC LEGEND

 DETOUR ROUTE

 PROJECT LOCATION

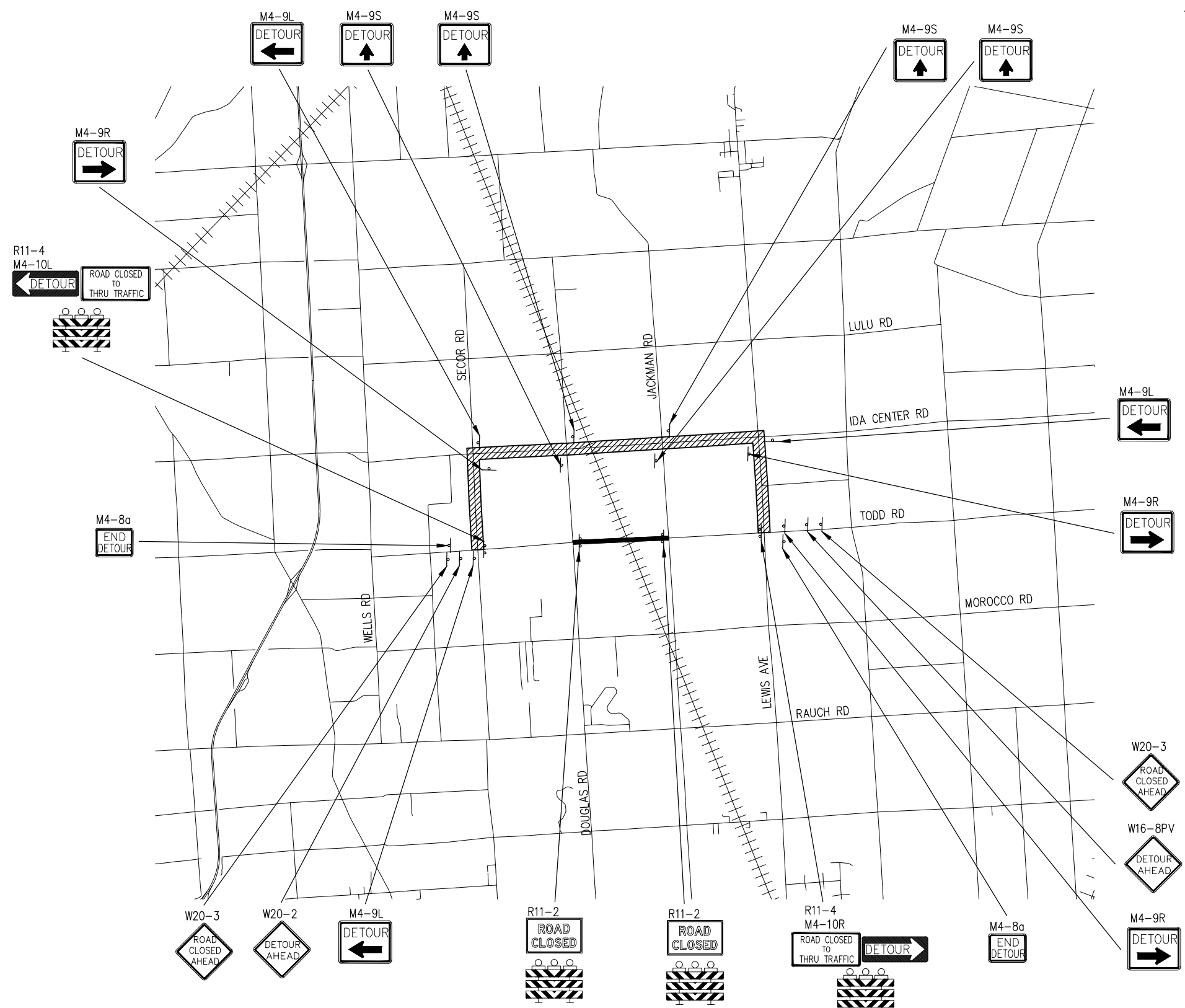
 TYPE III BARRICADE

 TEMPORARY SIGN

ESTIMATED QUANTITIES

SIGN	SIZE	AREA PER SIGN (SFT)	NUMBER	TOTAL AREA (SFT)
M4-8a	24"x18"	3	2	6
M4-9L	30"x24"	5	3	15
M4-9R	30"x24"	5	3	15
M4-9S	30"x24"	5	4	20
M4-10L	48"x18"	6	1	6
M4-10R	48"x18"	6	1	6
R11-2	48"x30"	10	2	20
R11-4	60"x30"	12.5	2	25
W20-2	48"x48"	16	2	32
W20-3	48"x48"	16	2	32
SIGN, TYPE B, TEMP, PRISMATIC				177
BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED				4

SEE NOTE SHEET FOR QUANTITIES.



2/16/2018 1:02 AM kevinw

FINAL PLAN REVISIONS

NO.	DATE	AUTH	DESCRIPTION
1	01-24-18	KJW	GRADE INSPECTION NOTES



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0 VERT. (FT) NA
0 HORZ. (FT) NA

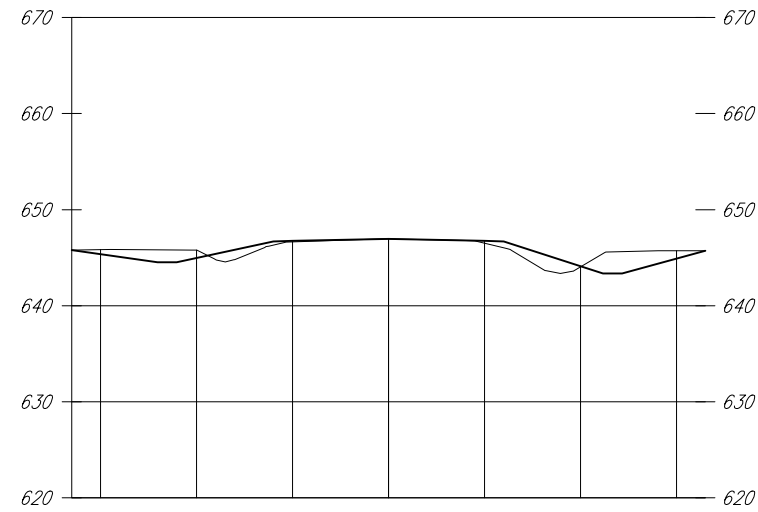
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DATE: FEBRUARY, 2018
FILE: LP_MOT.DWG

CS: STRH 58000
JN: 202137

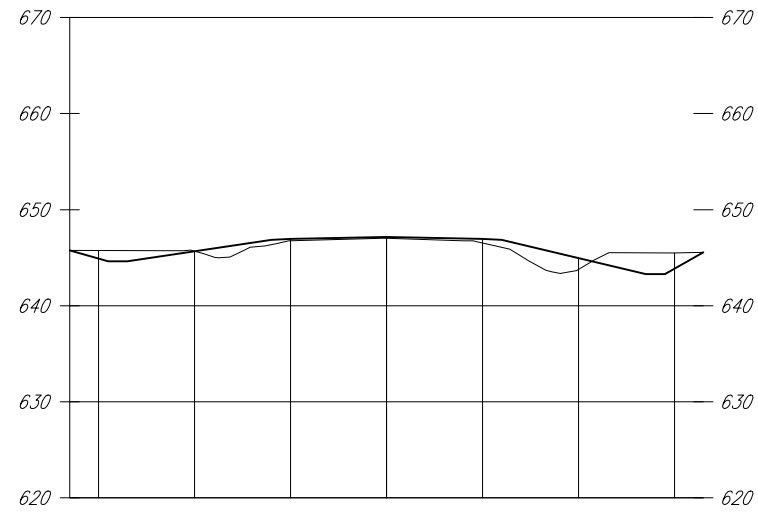
MAINTAINING TRAFFIC
TODD ROAD

DRAWING SHEET
MOT 12

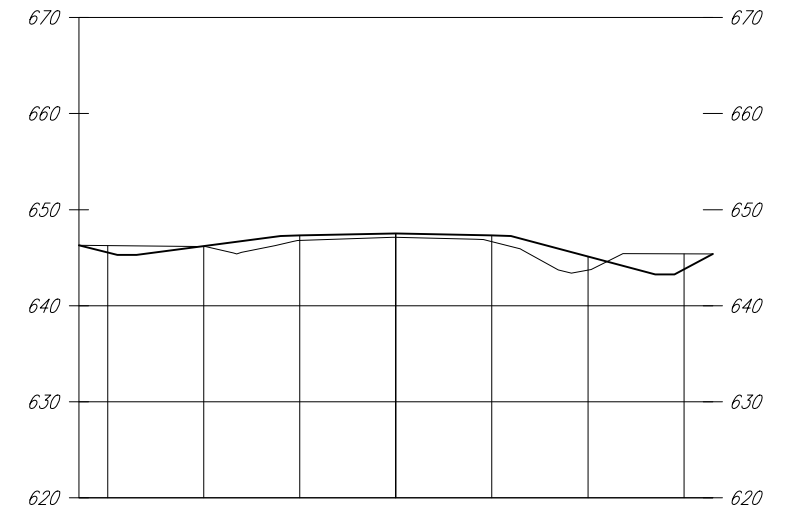
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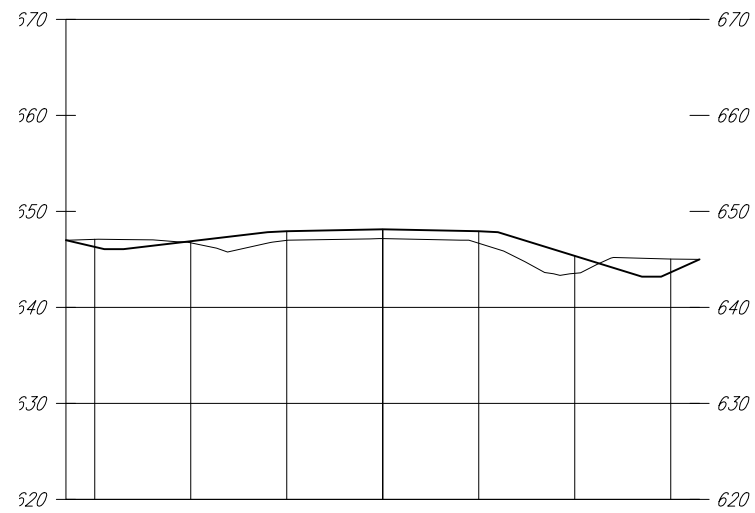
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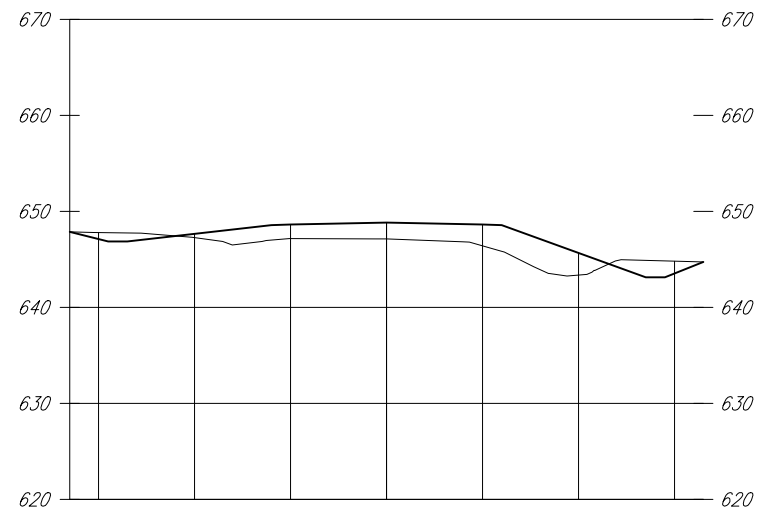
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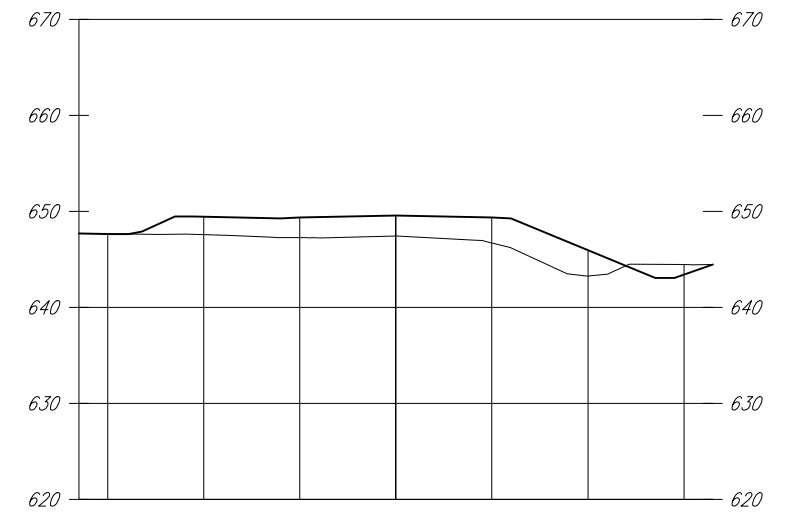
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139+00.00



139+50.00



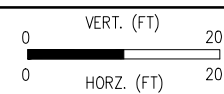
2/16/2018 1:26 AM kevinw

FINAL PLAN REVISIONS

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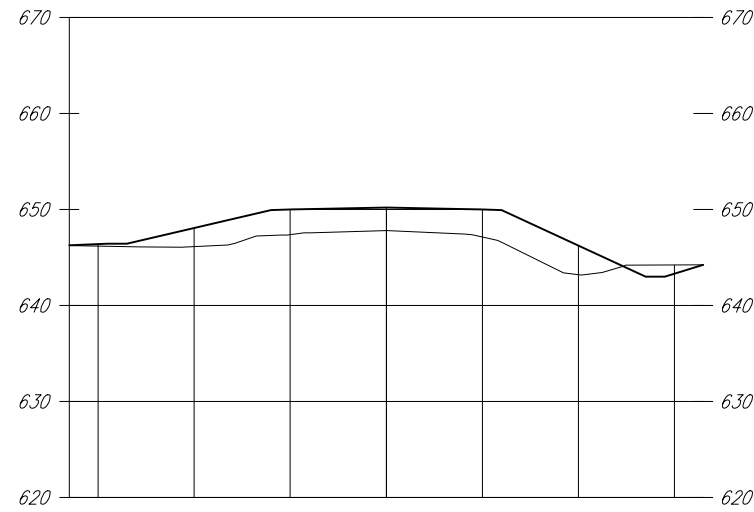
SGI PROJECT NO: 125375SG2017
 DATE: FEBRUARY, 2018
 FILE: LP_GRADING.DWG

CS: STRH 58000
 JN: 202137

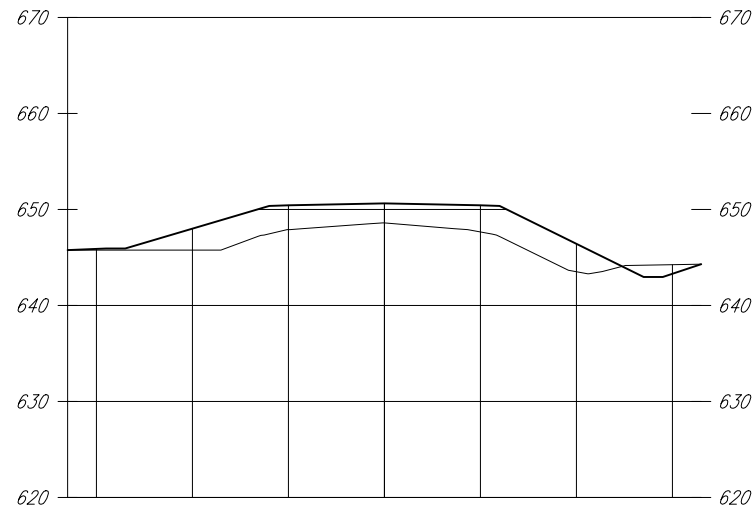
GRADING CROSS SECTIONS
 TODD ROAD

DRAWING	SHEET
GRD	13

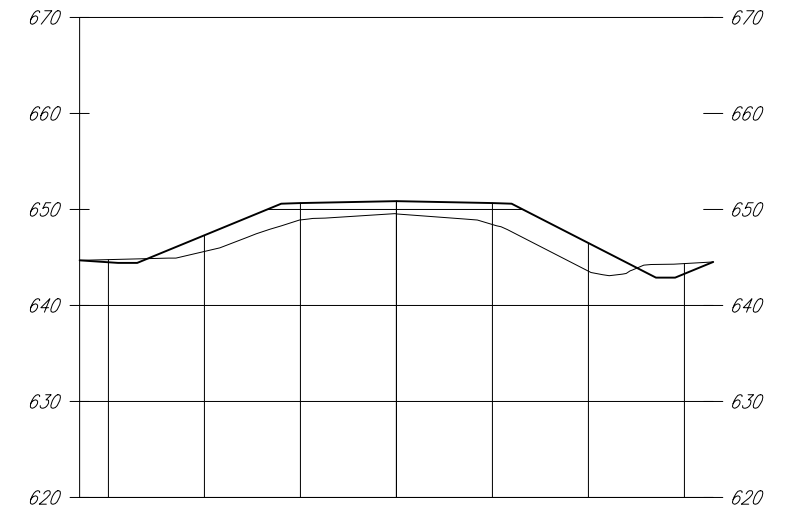
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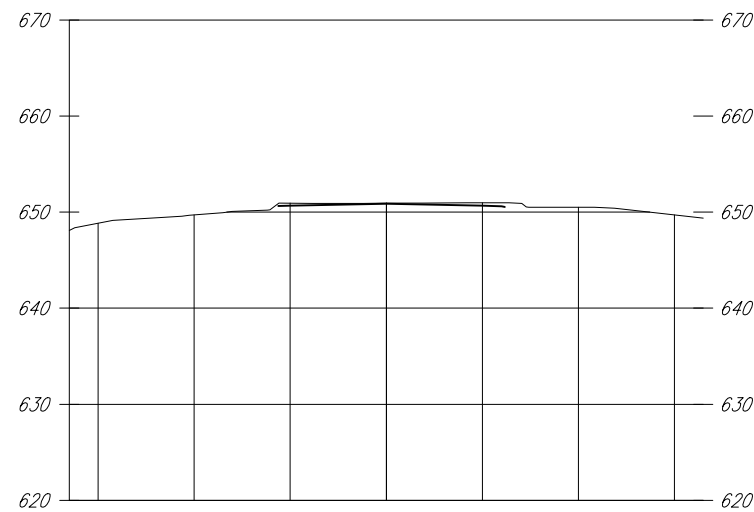
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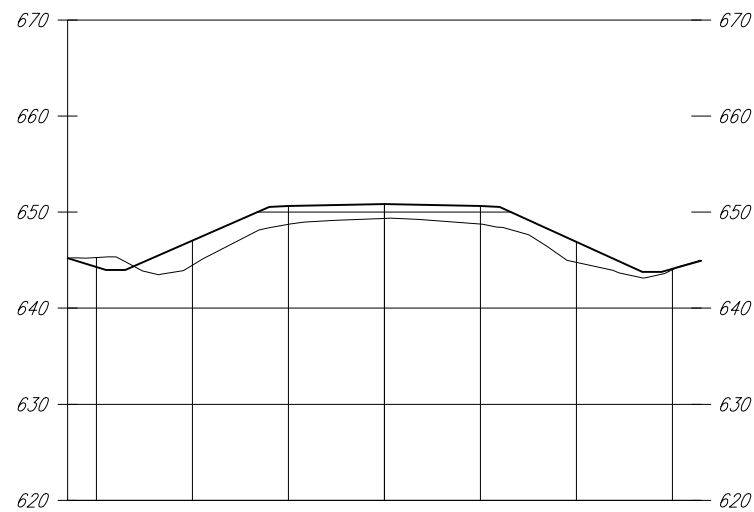
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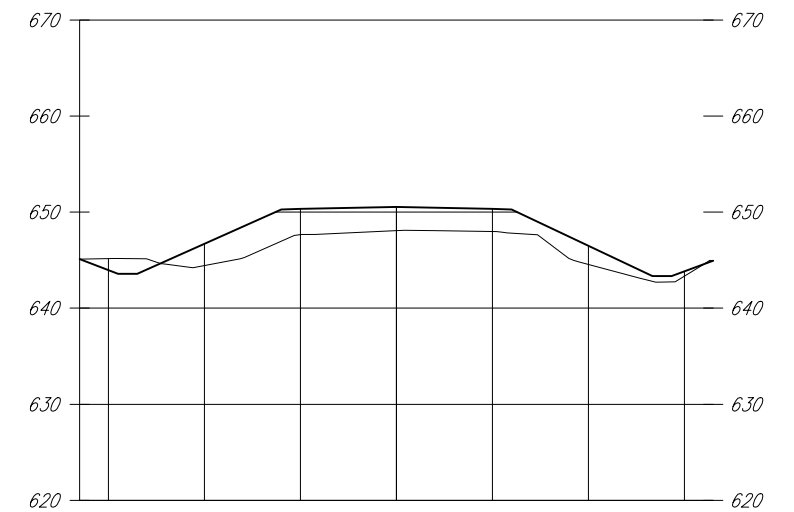
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142+00.00



142+50.00



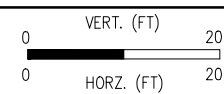
2/28/2018 7:57 AM kevinw

FINAL PLAN REVISIONS

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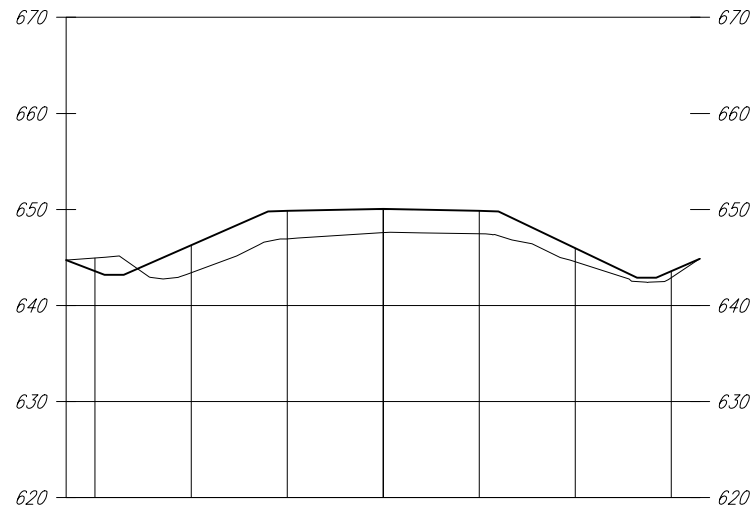
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 DATE: FEBRUARY, 2018
 FILE: LP_GRADING.DWG

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 JN: 202137

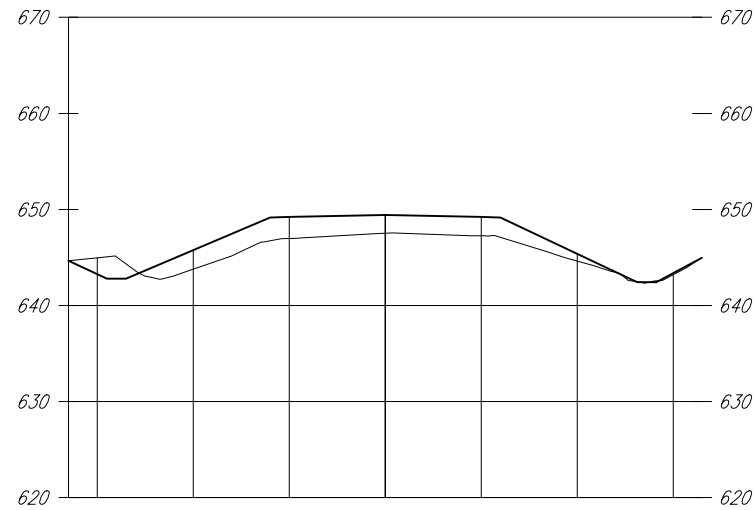
GRADING CROSS SECTIONS
 TODD ROAD

DRAWING	SHEET
GRD	14

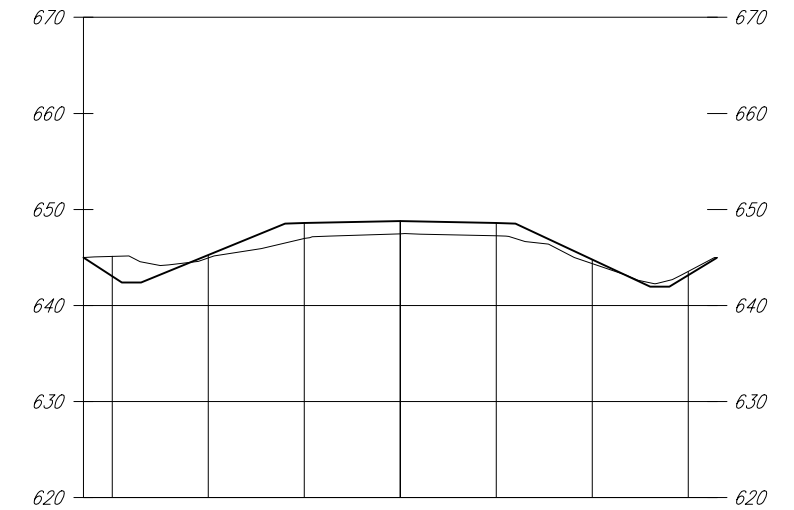
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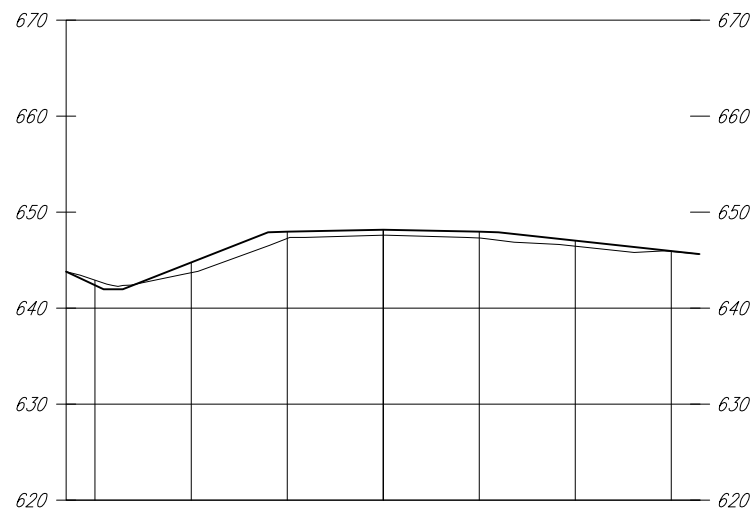
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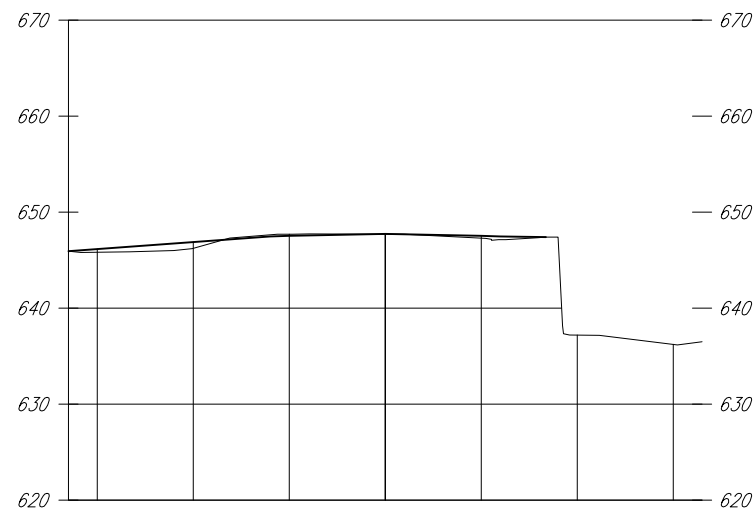
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144+50.00



145+00.00

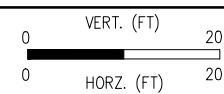


2/28/2018 7:58 AM kevinw

FINAL PLAN REVISIONS			
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SGI PROJECT NO: 125375SG2017
DATE: FEBRUARY, 2018
FILE: LP_GRADING.DWG

CS: STRH 58000
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GRADING CROSS SECTIONS
TODD ROAD

DRAWING	SHEET
GRD	15