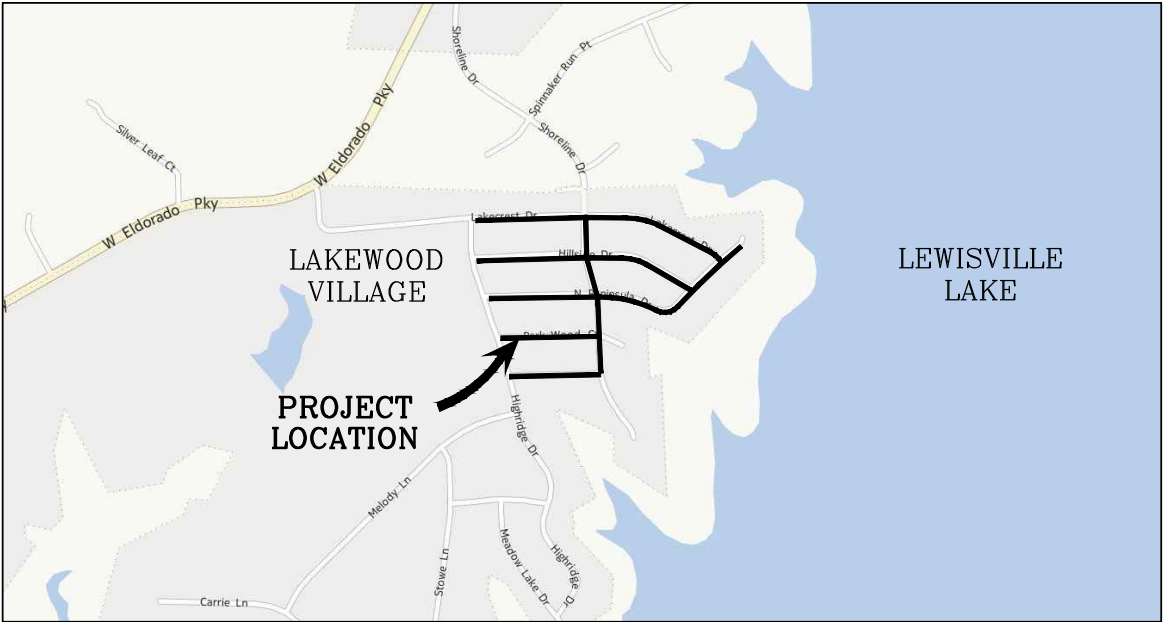


CONSTRUCTION PLANS FOR TOWN OF LAKEWOOD VILLAGE ROADWAY IMPROVEMENTS

MAYOR
MIKE SCHNITTKER

CITY COUNCIL MEMBERS
DR. MARK E. VARGUS – MAYOR PRO-TEM
CARL MENCKHOFF, M.D.
DAVE GETKA
KEN GUTHRIE
CLINT BUSHONG



VICINITY MAP
SCALE = N.T.S.

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PV-22	N SHORELINE DR PLAN AND PROFILE STA 5+50 TO END

OCTOBER 2013
LWV13442
PRELIMINARY SUBMITTAL

**FRESE
NICHOLS**
2711 North Haskell Ave, Suite 3300
Dallas, Texas 75204
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1. ALL CONSTRUCTION SHALL CONFORM TO NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) OR TXDOT CONSTRUCTION STANDARDS. SPECIFICATIONS ARE NOT LIMITED TO THE FOLLOWING:

- | | | |
|----------------------------|--------------------|----------------|
| TOWN OF LAKEWOOD | VILLAGE TOMMY MAPP | (972) 736-2416 |
| ATMOS ENERGY | MARK MAHAN | (972) 881-4163 |
| TXU ELECTRIC | SCOTT MURRAY | (972) 396-6328 |
| TEXAS, NEW MEXICO
POWER | JEREMY NORTMAN | (940) 686-2653 |
| AT&T | CASEY WISEMEN | (972) 569-3070 |
| COSERVE ELECTRIC | JIM WILLIAMS | (940) 321-7800 |

5. ALL TRENCH BACKFILL IN UNPAVED AREAS OVER FIVE (5) FEET FROM ROAD OR DRIVEWAY SHALL BE PLACED TO EXISTING GRADE PLUS SIX INCHES TO ALLOW FOR SETTLEMENT. ALL BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY PER SPECIFICATIONS.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION, IMPLEMENTATION AND MAINTENANCE OF A STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT. THE INSPECTION AND MAINTENANCE OF THE EROSION PREVENTION MEASURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY THROUGHOUT ALL PHASES OF CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE EPA'S NPDES REGULATIONS 40-CFR-122. 123, 124 CONCERNING EROSION AND SEDIMENT CONTROL. THE CONTRACTOR WILL BE RESPONSIBLE FOR SUBMITTING A NOTICE OF INTENT "NOI" TO TCEQ 72 HOURS PRIOR TO BEGINNING CONSTRUCTION AND NOTICE OF TERMINATION "NOT" TO TCEQ UPON COMPLETION OF THE PROJECT.

9. CONTRACTOR SHALL MAINTAIN SUITABLE CONSTRUCTION ACCESS TO THE ENGINEER, OWNER AND THE TOWN OF LAKEWOOD VILLAGE AT ALL TIMES DURING CONSTRUCTION.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL EXISTING UTILITIES IN SERVICE DURING CONSTRUCTION, WHICH MAY INCLUDE TEMPORARY SERVICES DURING CONSTRUCTION.

- 4.2. THE CONTRACTOR SHALL DISTRIBUTE LETTERS TO ALL AFFECTED PROPERTY OWNERS AT LEAST ONE WEEK IN ADVANCE TO BEGINNING WORK ON EACH PROPERTY. THIS LETTER SHALL INCLUDE NAMES AND TELEPHONE NUMBERS OF CONTRACTOR CONTACTS, A DESCRIPTION OF WORK TO BE DONE, AND THE TIME FRAME FOR DOING THE WORK. COPIES OF THE LETTER SHALL BE FORWARDED TO THE TOWN INSPECTOR. THE CONTRACTOR SHALL NOTIFY RESIDENTS 48 HOURS IN ADVANCE OF PERFORMING ANY WORK ON PRIVATE PROPERTY. DISTRIBUTION OF LETTERS SHALL BE CONSIDERED SUBSIDIARY TO THE COST OF PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

13. THE CONTRACTOR SHALL VIDEO ALL AREAS PRIOR TO WORK. VIDEOS SHALL INCLUDE DATE NOTATION AND AUDIO IDENTIFICATION OF PROPERTY ADDRESS AND MAIN/LATERAL NAME. THIS PRE-CONSTRUCTION VIDEO TAPING SHALL BE CONSIDERED SUBSIDIARY TO THE COST OF PROJECT. THE CONTRACTOR WILL PROVIDE COPIES OF THE VIDEO TO THE OWNER AND ENGINEER PRIOR TO THE BEGINNING OF CONSTRUCTION.

4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER CONNECTIONS TO ALL HOMES AND BUSINESSES IN WORKING ORDER AT ALL TIMES, EXCEPT FOR BRIEF INTERRUPTIONS FOR SERVICES TO BE REINSTALLED. IN NO CASE SHALL SERVICES BE ALLOWED TO REMAIN OUT OF SERVICE OVERNIGHT.

15. ALL DRIVEWAYS, WHICH ARE OPEN CUT, SHALL HAVE ACCESS PROVIDED AT ALL TIMES. THE TEMPORARY SURFACE WILL BE CONSIDERED A NON-PAY ITEM. ALL OPEN CUT DRIVEWAYS & ROADS SHALL HAVE PERMANENT SURFACE REPLACED WITHIN 1 WEEK OF OPEN CUTTING.

16. CONTRACTOR SHALL INSTALL TEMPORARY BACKFILL AS REQUIRED FOR OPEN TRENCH IN ESTABLISHED ROADWAYS. NO OPEN TRENCH WILL BE ALLOWED IN EXISTING PAVEMENT EXCEPT DURING DAYLIGHT HOURS DURING CONSTRUCTION OPERATIONS. TEMPORARY BACKFILL SHALL BE INSTALLED TO THE FINISHED GRADE OF THE EXISTING PAVEMENT AND SHALL BE MAINTAINED BY THE CONTRACTOR TO ENSURE A SMOOTH DRIVING SURFACE, FREE OF RUTTING AND POTHOLES. REPAIR DAMAGED PAVEMENT IN ACCORDANCE WITH SPECIFICATIONS.

17. CONTROL POINTS SHOWN ON PLANS ARE INTENDED FOR CONSTRUCTION STAKING OF THIS PROJECT. ANY ADDITIONAL SURVEYING NEEDED TO LAYOUT ANY PROJECTS SHALL BE SUBSIDIARY TO THE BID PRICES

18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN NEAT, ACCURATE AND CURRENT PLANS OF RECORD ON THE JOB SITE AT ALL TIMES

19. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE SITE DRAINAGE THROUGHOUT THE DURATION OF THIS PROJECT

20. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS BEFORE CONSTRUCTION BEGINS.
21. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THAT ELECTRIC POWER, TELEPHONE POLES, AND OTHER UTILITIES ARE NOT DISTURBED DURING CONSTRUCTION. ALL COSTS INCURRED FOR MOVING ELECTRIC POWER AND TELEPHONE POLES SHALL BE INCLUDED IN THE PRICE BID FOR THE CONSTRUCTION OF THE PROJECT.

22. THE CONTRACTOR SHALL PROTECT AND SUPPORT EXISTING UTILITIES IN ACCORDANCE WITH STANDARDS, PROCEDURES, POLICIES AND REQUIREMENTS OF THE OWNERS OF THE UTILITIES. PROTECTION AND SUPPORT OF EXISTING UTILITIES SHALL INCLUDE PROTECTION AND SUPPORT OF UTILITIES LINES, VAULTS, BOXES, VALVES, POLES, PIPES, CONDUITS, AND ANY OTHER ITEMS ASSOCIATED WITH THE UTILITIES' FACILITIES.

23. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING PIPING AND UTILITIES IN THE CONSTRUCTION AREA(S). CONTRACTOR SHALL TEMPORARILY RELOCATE AND SUPPORT EXISTING UTILITIES AS REQUIRED FOR CONSTRUCTION OF NEW ITEMS AND REINSTALL THEM AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.

24. ALL STREETS WITHIN THE SCOPE OF THE CONTRACT SHALL BE KEPT ACCESSIBLE TO FIRE TRUCKS, AMBULANCES, OTHER EMERGENCY VEHICLES, RESIDENTS AND BUSINESSES.

25. THE CONTRACTOR SHALL USE EXISTING RIGHT-OF-WAYS OR EASEMENTS FOR ACCESS TO THE JOB SITE.

26. WHERE GRASS IS DISTURBED BY AN ACTIVITY OF THIS PROJECT, CONTRACTOR SHALL REPLACE GRASS BY BLOCK SODDING SUCH THAT THE GRASS THAT WAS PRESENT IN PRE-CONSTRUCTION CONDITIONS IS REPLACED AND/OR RESTORED TO ITS CONDITION IN AS GOOD OR BETTER CONDITION THAN PRIOR TO CONSTRUCTION.

27. CONTRACTOR SHALL STOCKPILE SALVAGE TOPSOIL AND REUSE ON DISTURBED AREAS BEFORE USING TOPSOIL FROM BORROW SOURCES

28. ALL NUTS AND BOLTS SHALL BE 316 STAINLESS STEEL UNLESS OTHERWISE NOTED.

30. FOR ALL D-HOLE LOCATIONS AND FIELD VERIFICATION LOCATIONS, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY OWNER PRIOR TO FIELD VERIFICATION. THE CONTRACTOR SHALL PERFORM THE VERIFICATIONS IN A METHOD ACCEPTABLE TO THE UTILITY OWNER.

The diagram illustrates a cross-section of a 60-foot Right of Way (ROW). The total width is 60 feet, with a 22-foot wide central section. This central section is divided into two 11-foot segments by a centerline (CL). The pavement structure consists of three layers: a 2-inch Type D Hot Mix Asphalt (HMAC) surface layer, a 4-inch Type B HMAC base layer, and a 6-inch Aggregate Base (TXDOT Item 247, Type A, Grade 1). The existing ground (EX GROUND) is shown on both sides, with slopes that vary. A 1-foot (typical) shoulder is indicated on the left side.

EX ROW

60' ROW

22'

11' 11'

EX GROUND

SLOPE VARIES

2%

1' (TYP.)

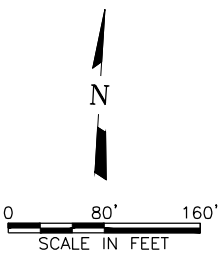
6" TYPE A, GRADE I CRUSHED ROCK BASE

6" REINFORCED CONCRETE PAVEMENT (MIN. 4000 PSI) WITH NO. 4 BARS AT 18" C-C BOTH WAYS

EX GROUND

SLOPE VARIES

2 TYPICAL SECTION
NOT TO SCALE




1. SEE SHEET HC-2 FOR CONTROL POINT AND BENCHMARK DETAILS.
2. SEE SHEET HC-2 FOR LINE AND CURVE DETAILS.

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ROADWAY IMPROVEMENTS

CIVIL
HORIZONTAL CONTROL PLAN

NO.	ISSUE	BY	DATE	FAN JOB NO.
				LWV13442
			DATE	09/05/13
			DESIGNED	DRP
			DRAWN	CHM
			REVISED	
VERIFY SCALE 				FILE NAME
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.				CV-1RT-1-Pl-HORIZ01.dwg

65% SUBMITTAL

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Oct 23, 2013 - 4:09pm REFERENCES: N:\Standard\34BORDER.DWG N:\F\Base\CV-ALL-PL-BASE.dwg N:\F\Base\Aerial.dwg N:\F\Survey\OUT_TO_FN_LAKEWOOD.dwg

CURVE TABLE LAKECREST DR							
CURVE #	DELTA	TANGENT	RADIUS	LENGTH	CHORD LENGTH	PC STATION	PT STATION
C1	3°00'30"	26.26	1000.00	52.51	52.50	7+49.09	8+01.59
C2	28°47'30"	157.09	612.00	307.54	304.31	13+42.28	16+49.81
C4	30°19'58"	63.70	235.00	124.41	122.96	19+75.79	21+00.20

LINE TABLE: LAKECREST DR				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L1	649.09	N86° 27' 35.20"E	(2436054.71,7102376.65)	(2436702.56,7102416.73)
L2	540.68	N89° 28' 05.20"E	(2436755.03,7102418.60)	(2437295.69,7102423.62)
L3	170.17	S61° 44' 24.80"E	(2437591.13,7102350.70)	(2437741.02,7102270.13)
L4	66.72	S39° 32' 24.80"E	(2437985.72,7102140.83)	(2438028.20,7102089.38)

CURVE TABLE HILLSIDE DR							
CURVE #	DELTA	TANGENT	RADIUS	LENGTH	CHORD LENGTH	PC STATION	PT STATION
C5	3°00'30"	26.26	1000.00	52.51	52.50	6+73.10	7+25.61
C6	28°47'30"	80.08	312.00	156.78	155.14	12+66.43	14+23.22

LINE TABLE: HILLSIDE DR				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L5	573.10	N86° 27' 35.20"E	(2436133.17,7102081.35)	(2436705.18,7102116.74)
L6	540.82	N89° 28' 05.20"E	(2436757.65,7102118.61)	(2437298.45,7102123.63)
L7	412.79	S61° 44' 24.80"E	(2437449.07,7102086.45)	(2437812.66,7101891.01)

CURVE TABLE N PENINSULA DR							
CURVE #	DELTA	TANGENT	RADIUS	LENGTH	CHORD LENGTH	PC STATION	PT STATION
C7	3°00'30"	26.26	1000.00	52.51	52.50	5+74.22	6+26.72
C8	28°47'30"	80.08	312.00	156.78	155.14	11+32.23	12+89.02
C9	78°23'00"	114.15	140.00	191.53	176.94	14+16.70	16+08.22
C10	10°35'00"	92.62	1000.00	184.71	184.45	17+73.13	19+57.84

LINE TABLE: N PENINSULA DR				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L8	474.22	N86° 27' 35.20"E	(2436234.50,7101787.47)	(2436707.81,7101816.75)
L9	505.51	N89° 28' 05.20"E	(2436760.28,7101818.62)	(2437265.77,7101823.31)
L10	127.68	S61° 44' 24.80"E	(2437416.39,7101786.14)	(2437528.85,7101725.69)
L11	164.90	N39° 52' 35.20"E	(2437702.57,7101759.24)	(2437808.30,7101885.79)
L12	414.04	N50° 27' 35.20"E	(2437939.11,7102015.84)	(2438258.40,7102279.42)

LINE TABLE: GREEN MEADOW DR				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L13	770.87	N87° 31' 35.20"E	(2436337.52,7101488.68)	(2437107.67,7101521.95)

LINE TABLE: GREEN MEADOW DR				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L14	691.57	N87° 31' 35.20"E	(2436438.73,7101195.11)	(2437129.66,7101224.96)

CURVE TABLE S SHORELINE DR							
CURVE #	DELTA	TANGENT	RADIUS	LENGTH	CHORD LENGTH	PC STATION	PT STATION
C11	3°14'17"	28.27	1000.00	56.52	56.51	2+33.94	2+90.45
C12	1°56'31"	16.95	1000.00	33.89	33.89	5+30.83	5+64.72

LINE TABLE: S SHORELINE DR				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L15	133.94	N5° 42' 42.82"W	(2437129.66,7101224.96)	(2437116.33,7101358.23)
L16	240.38	N2° 28' 25.58"W	(2437112.29,7101414.60)	(2437101.92,7101654.75)
L17	133.15	N0° 31' 54.80"W	(2437101.03,7101688.63)	(2437099.79,7101821.77)

LINE TABLE: N SHORELINE DR				
LINE #	LENGTH	DIRECTION	START POINT	END POINT
L18	310.48	N15° 27' 47.90"W	(2437074.79,7101821.54)	(2436992.01,7102120.78)
L19	498.48	N0° 31' 54.80"W	(2436992.01,7102120.78)	(2436987.39,7102619.24)

SURVEY CONTROL POINTS				
PNT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	7102395.04	2436096.02	581.48	1/2" IRON ROD MARKED "RANDOM" SET
2	7102423.73	2436644.32	576.69	1/2" IRON ROD MARKED "RANDOM" SET
3	7102434.40	2436959.70	572.52	1/2" IRON ROD MARKED "RANDOM" SET
4	7102424.09	2437417.47	553.75	1/2" IRON ROD MARKED "RANDOM" SET
5	7102222.89	2437821.46	549.61	1/2" IRON ROD MARKED "RANDOM" SET
6	7102133.51	2438061.92	546.34	1/2" IRON ROD MARKED "RANDOM" SET
7	7101880.82	2437821.48	546.57	1/2" IRON ROD MARKED "RANDOM" SET
8	7101694.45	2437611.95	543.83	1/2" IRON ROD MARKED "RANDOM" SET
9	7101830.12	2437335.50	560.33	1/2" IRON ROD MARKED "RANDOM" SET
10	7101801.70	2437108.46	549.42	1/2" IRON ROD MARKED "RANDOM" SET
11	7101533.17	2437122.20	559.77	1/2" IRON ROD MARKED "RANDOM" SET
12	7101210.62	2437110.49	564.27	1/2" IRON ROD MARKED "RANDOM" SET
13	7101222.27	2436813.44	556.35	1/2" IRON ROD MARKED "RANDOM" SET
14	7101183.55	2436474.64	550.67	1/2" IRON ROD MARKED "RANDOM" SET
15	7101475.40	2436323.81	547.69	1/2" IRON ROD MARKED "RANDOM" SET
16	7101797.58	2436205.68	575.59	1/2" IRON ROD MARKED "RANDOM" SET
17	7102070.40	2436117.92	578.22	1/2" IRON ROD MARKED "RANDOM" SET
18	7102085.31	2436405.98	562.21	1/2" IRON ROD MARKED "RANDOM" SET
19	7102108.70	2436779.51	560.63	1/2" IRON ROD MARKED "RANDOM" SET
20	7102134.80	2436972.41	560.94	1/2" IRON ROD MARKED "RANDOM" SET

BENCHMARK LIST

BENCHMARK #100: A "BOX" CUT IN CONCRETE AT THE SOUTHEAST CORNER OF LAKECREST DRIVE AND HIGHRIDGE DRIVE ON THE WEST EDGE OF A CONCRETE DRIVEWAY.
ELEVATION=582.19'

BENCHMARK #101: A "BOX" CUT IN CONCRETE ON THE SOUTH SIDE OF LAKECREST DRIVE ±515' EAST OF THE INTERSECTION OF LAKECREST DRIVE AND SHORELINE DRIVE LOCATED ON TOP OF CONCRETE OVER A 24" CMP FOR DRAINAGE.
ELEVATION=551.74'

BENCHMARK #102: A "BOX" CUT IN CONCRETE ON THE SOUTHEAST SIDE OF NORTH PENINSULA DRIVE ±170' NORTHEAST OF THE INTERSECTION OF NORTH PENINSULA DRIVE AND LAKECREST DRIVE LOCATED ON THE SOUTHWEST EDGE OF A CONCRETE DRIVEWAY.
ELEVATION=545.87'

BENCHMARK #103: A "BOX" CUT IN CONCRETE ON THE EAST SIDE OF SHORELINE DRIVE ±70' SOUTH OF THE INTERSECTION OF SHORELINE DRIVE AND NORTH PENINSULA DRIVE LOCATED ON THE SOUTHWEST END OF A CONCRETE SIDEWALK.
ELEVATION=550.53'

BENCHMARK #104: A "BOX" CUT IN CONCRETE ON THE WEST SIDE OF HIGHRIDGE DRIVE ±55' SOUTH OF THE INTERSECTION OF HIGHRIDGE DRIVE AND GREEN MEADOW DRIVE LOCATED ON THE NORTHEAST CORNER OF A CONCRETE PAD FOR MAILBOX KIOSK.
ELEVATION=548.25'

SURVEY CONTROL POINTS				
PNT	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	7102133.16	2437350.73	561.89	1/2" IRON ROD MARKED "RANDOM" SET
22	7102015.35	2437543.51	565.62	1/2" IRON ROD MARKED "RANDOM" SET
25	7101528.77	2436908.27	565.44	1/2" IRON ROD MARKED "RANDOM" SET
24	7101481.70	2436679.90	565.62	1/2" IRON ROD MARKED "RANDOM" SET
23	7101826.38	2436644.39	574.05	1/2" IRON ROD MARKED "RANDOM" SET

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Texas Registered Engineering Firm F-2144

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TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS

CIVIL

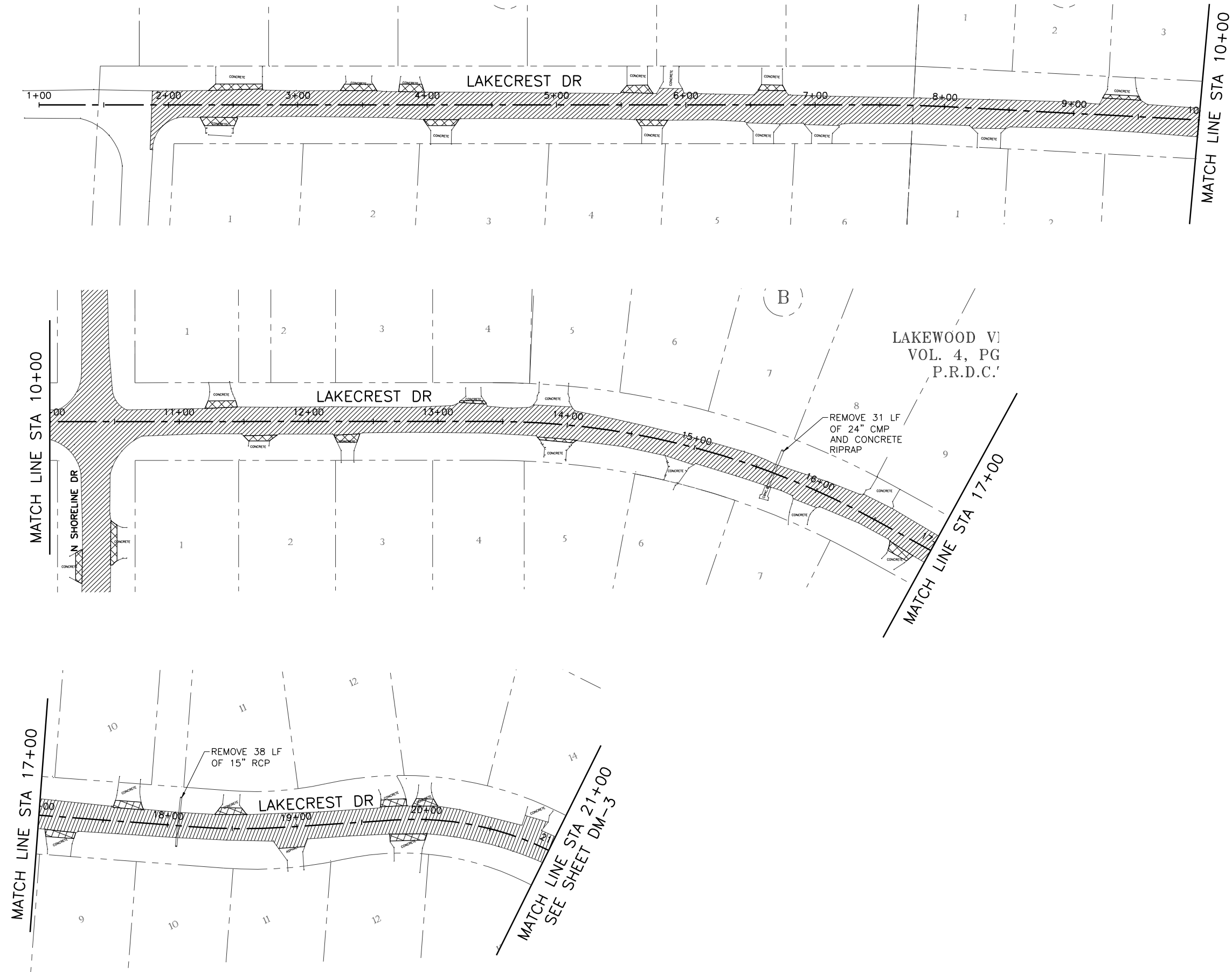
ALIGNMENT DATA

NO.	ISSUE	BY	DATE	FWN JOB NO.	DATE	DESIGNED	DRAWN	REVIEWED	CHECKED	FILE NAME
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VERIFY SCALE 0 1 Bar is one inch on original drawing; if not one inch on this sheet, adjust scale.										

SHEET
HC-2

SEQ.

65% SUBMITTAL

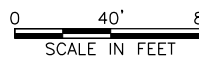


65% SUBMITTAL

LEGEND

ASPHALT REMOVAL

CONCRETE REMOVAL



SEQ.

DM-1

SHEET

NO.	ISSUE	BY	DATE	FILE NAME
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Bar is one inch on original drawing; if not one inch on this sheet, adjust scale.				

DESIGNED	DATE	BY	DATE	FILE NAME
DRP	09/05/13			CV-TRT-PL-DEMO01.dwg
DRAWN				
REVISED				
CHEKED				

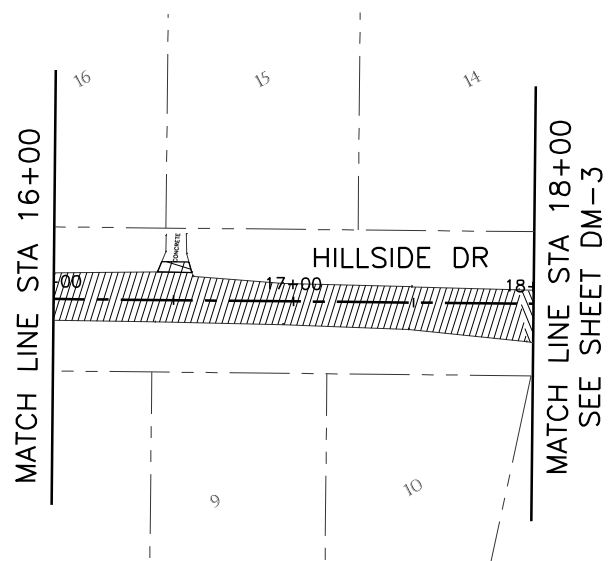
F&M JOB NO.
LWV13442

TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS
CIVIL
LAKECREST DR
DEMOLITION PLAN



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PROTECT 75 LF
EX RCB

MATCH LINE STA 9+00

MATCH LINE STA 9+00


LAKEWOOD VILLAGE
VOL. 4, PG. 58
P.R.D.C.T.


MATCH LINE STA 18+00
SEE SHEET DM-3

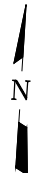
0 40' 80'

SCALE IN FEET

LEGEND

 ASPHALT REMOVAL

 CONCRETE REMOVAL



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TOWN OF LAKEWOOD VILLAGE ROADWAY IMPROVEMENTS

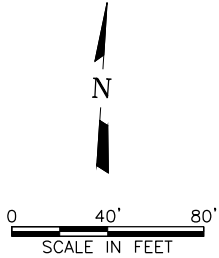
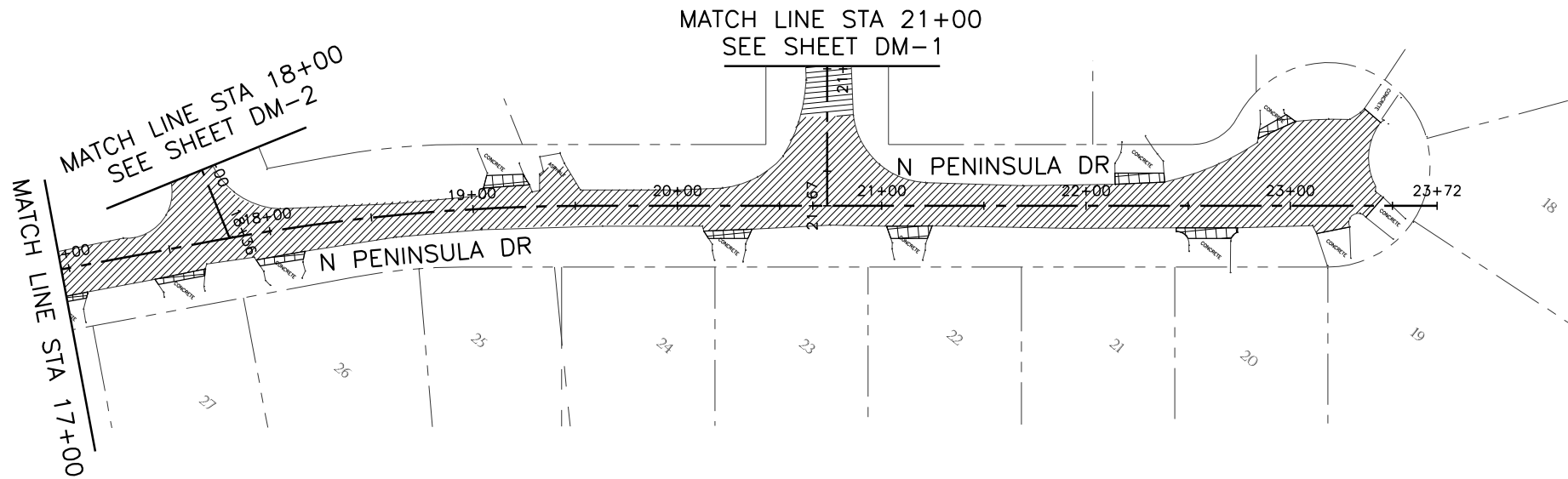
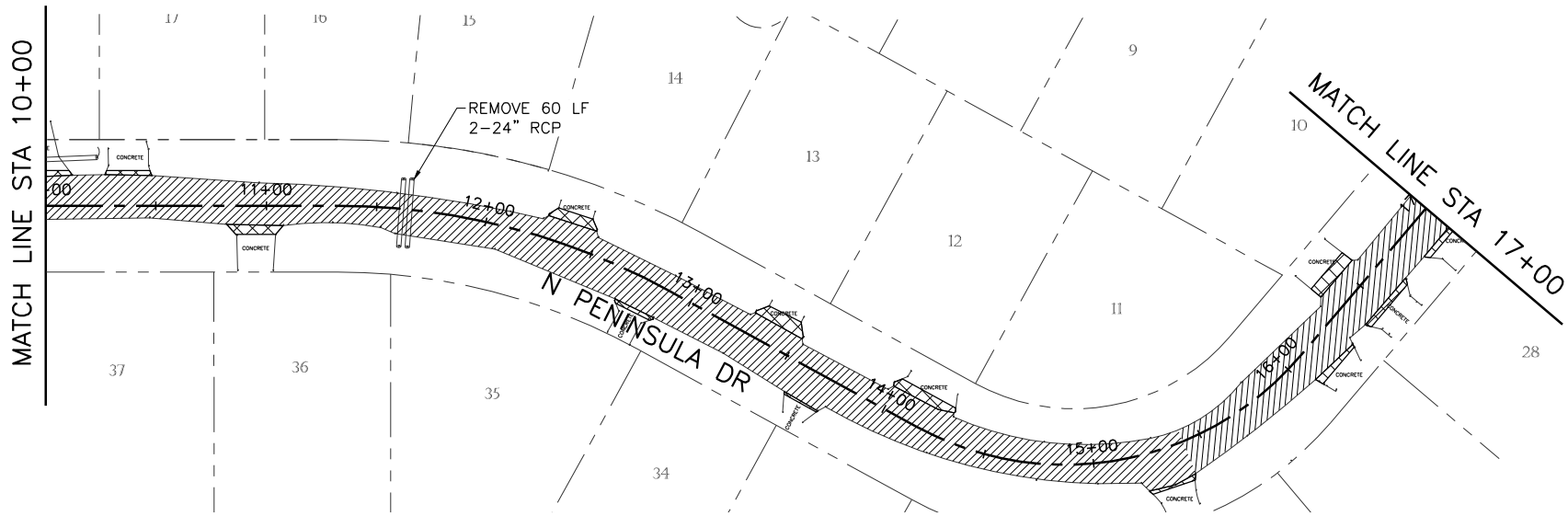
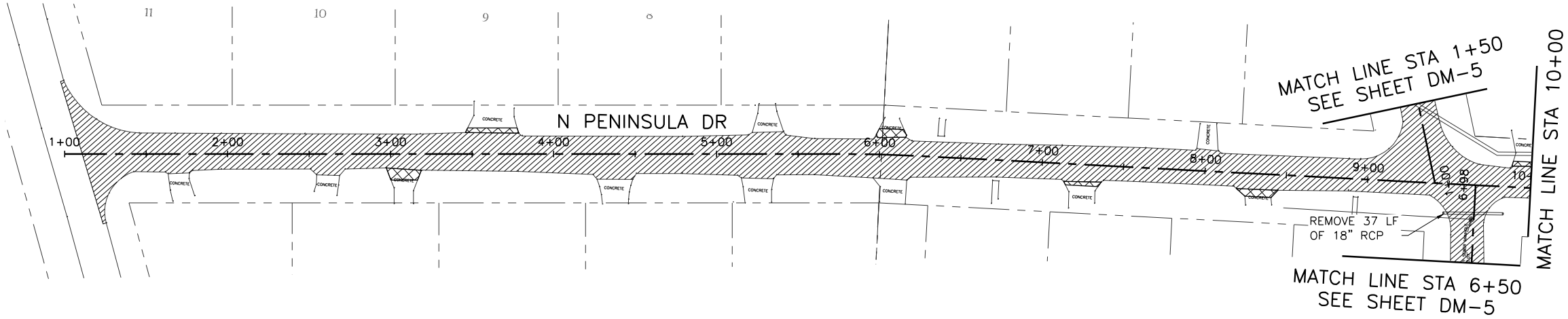
CIVIL
HILLSIDE DR
DEMOLITION PLAN

NO.	ISSUE		BY	DATE	FIRM JOB NO.
					LWW13442
				DATE	09/05/13
				DESIGNED	DRP
				DRAWN	CHM
				REVISED	
				CHECKED	
VERIFY SCALE	Bar is one inch on original this sheet, adjust scale.			FILE NAME	CV-TRT-PL-EVEMO02.dwg

SHEET
DM-2

SEQ.	
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65% SUBMITTAL



- LEGEND**
- ASPHALT REMOVAL
 - CONCRETE REMOVAL

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Texas Registered Engineering Firm F-2144

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Fax - (214) 217-2201

TOWN OF LAKEWOOD VILLAGE

ROADWAY IMPROVEMENTS

CIVIL

**N PENINSULA DR
DEMOLITION PLAN**

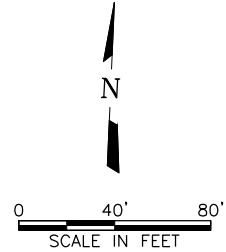
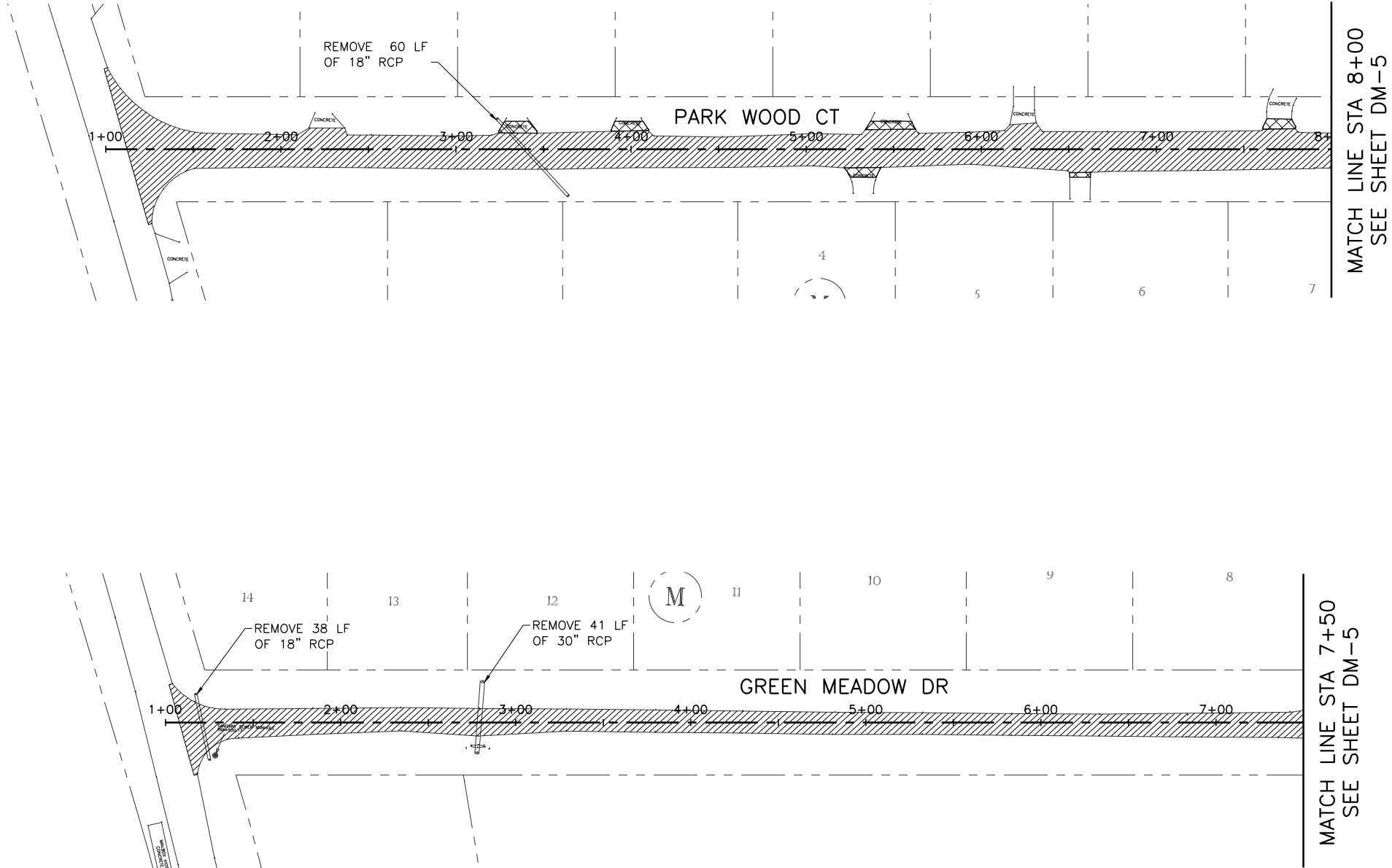
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65% SUBMITTAL

SHEET

DM-3

SEQ.



LEGEND

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TOWN OF LAKEWOOD VILLAGE

ROADWAY IMPROVEMENTS

CIVIL

PARK WOOD CT AND GREEN MEADOW DR

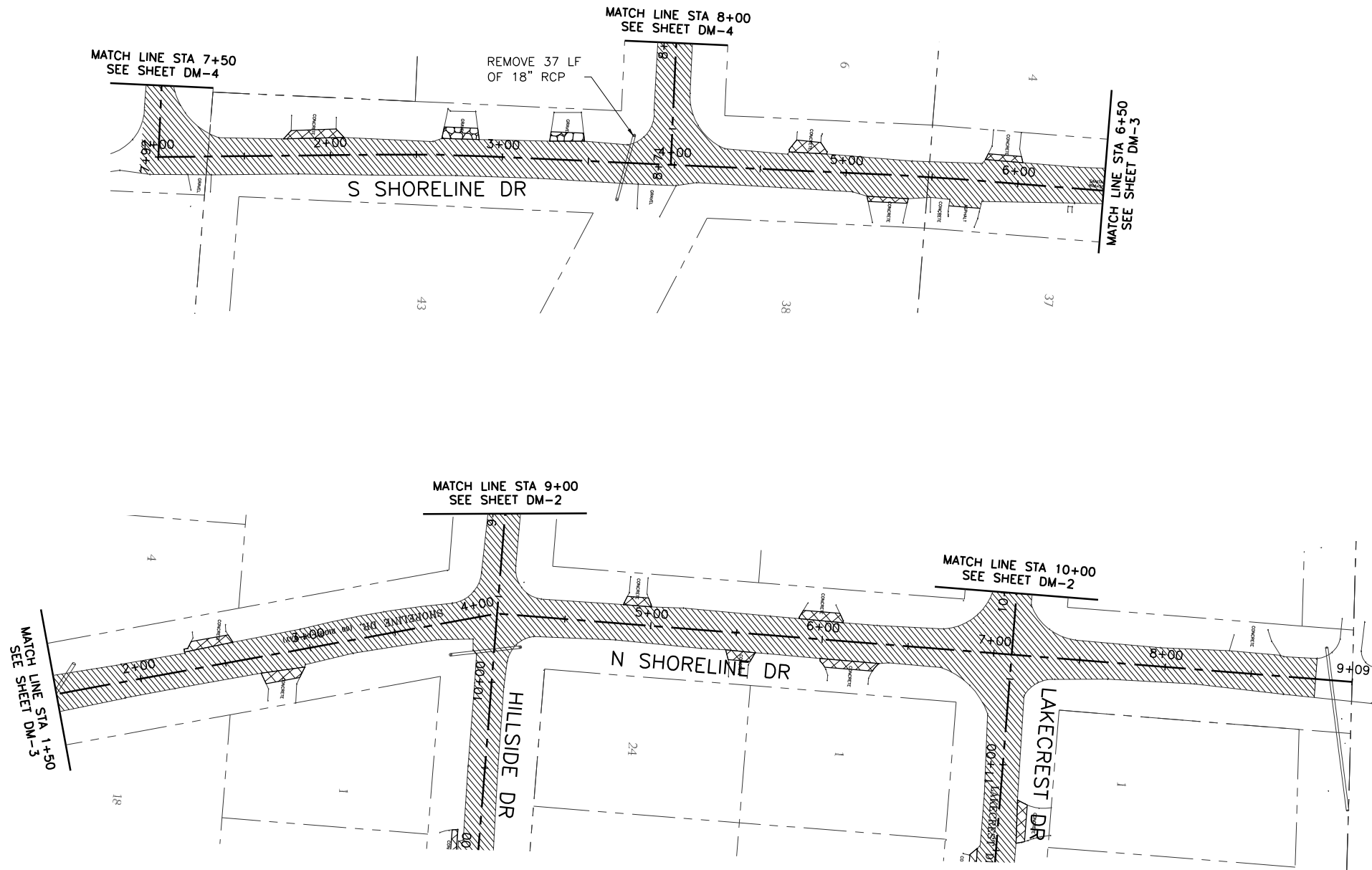
DEMOLITION PLAN

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DM-4

SEQ.

65% SUBMITTAL

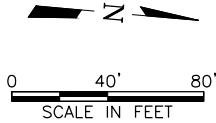


LEGEND

ASPHALT REMOVAL

CONCRETE REMOVAL

GRAVEL REMOVAL



65% SUBMITTAL

SHEET		DM-5	
SEQ.			

TOWN OF LAKEWOOD VILLAGE

ROADWAY IMPROVEMENTS

CIVIL

NORTH AND SOUTH SHORELINE DR

DEMOLITION PLAN

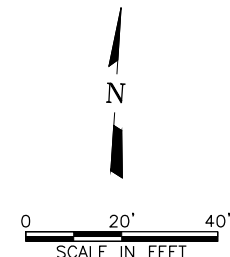
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Freese and Nichols

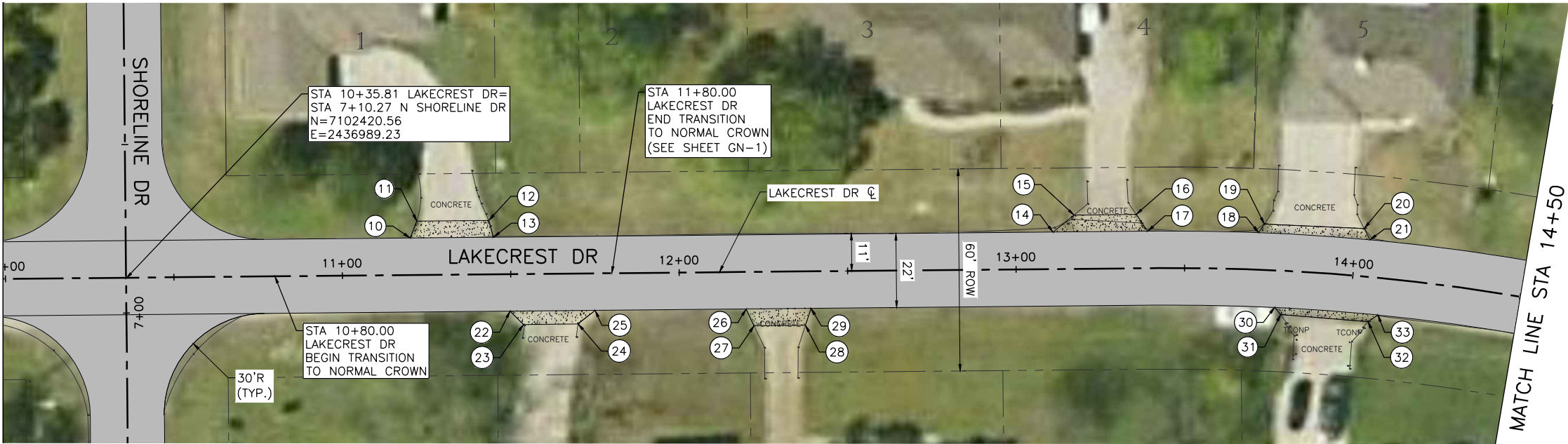
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65% SUBMITTAL

PAN JOB NO.	LWW13442
DATE	09/05/13
DRAWN	DRP
CHECKED	
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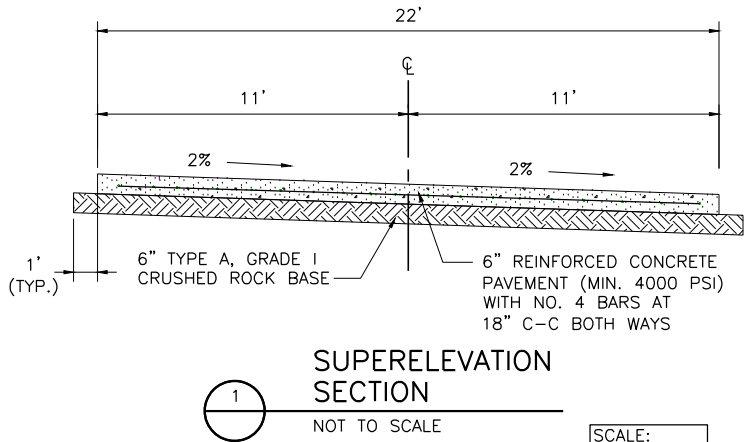
MATCH LINE STA 10+00



POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
10	7102432.55	2437073.52	PVMT PI
11	7102437.57	2437075.54	PVMT PI
12	7102437.77	2437096.87	PVMT PI
13	7102432.78	2437098.29	PVMT PI
14	7102434.33	2437264.32	PVMT PI
15	7102439.38	2437270.59	PVMT PI
16	7102439.55	2437289.04	PVMT PI
17	7102434.59	2437292.45	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
18	7102434.18	2437325.39	PVMT PI
19	7102436.72	2437327.07	PVMT PI
20	7102435.40	2437356.75	PVMT PI
21	7102432.03	2437358.48	PVMT PI
22	7102410.83	2437103.22	PVMT PI
23	7102406.86	2437107.18	PVMT PI
24	7102407.02	2437123.42	PVMT PI
25	7102411.06	2437128.43	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
26	7102411.48	2437173.23	PVMT PI
27	7102406.50	2437175.62	PVMT PI
28	7102406.64	2437190.89	PVMT PI
29	7102411.66	2437192.56	PVMT PI
30	7102411.96	2437330.14	PVMT PI
31	7102409.86	2437331.95	PVMT PI
32	7102407.73	2437357.85	PVMT PI
33	7102409.71	2437360.77	PVMT PI



SUPERELEVATION SECTION

NOT TO SCALE

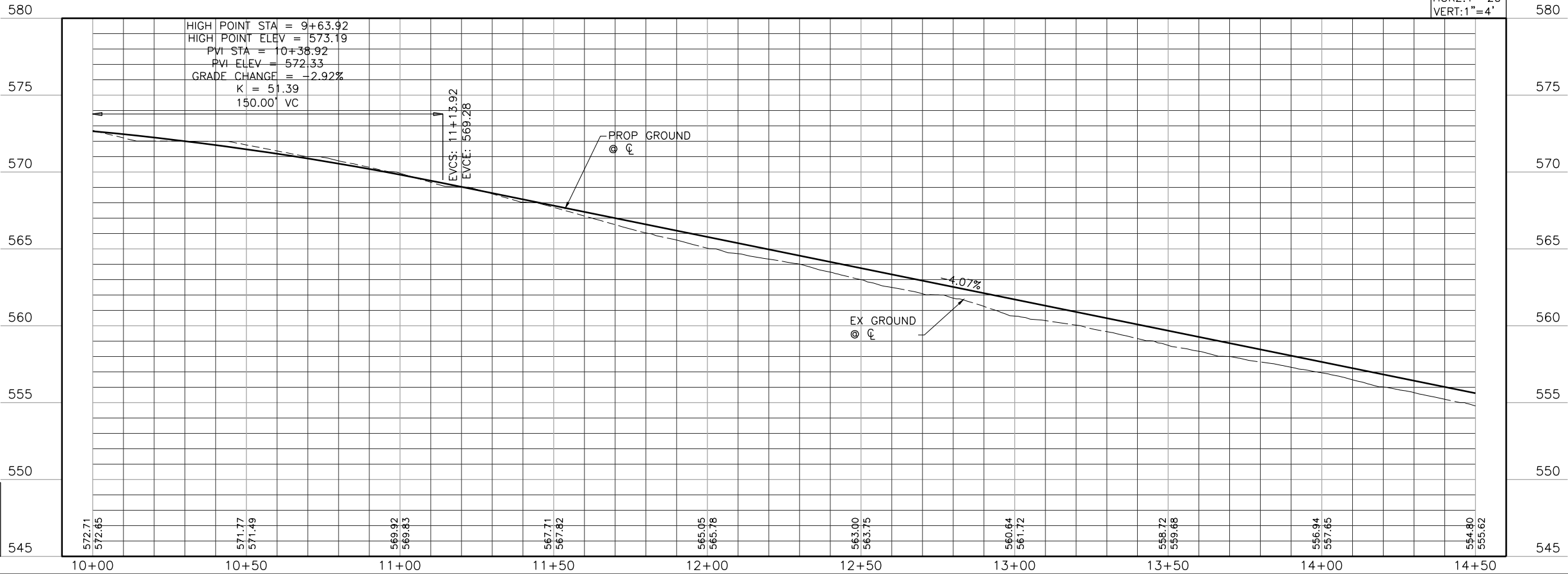
SCALE:
HORZ: 1"=20'
VERT: 1"=4'

NOTE:

1. SEE SHEET PV-22 FOR N SHORELINE DR.

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT



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**FREESE
NICHOLS**

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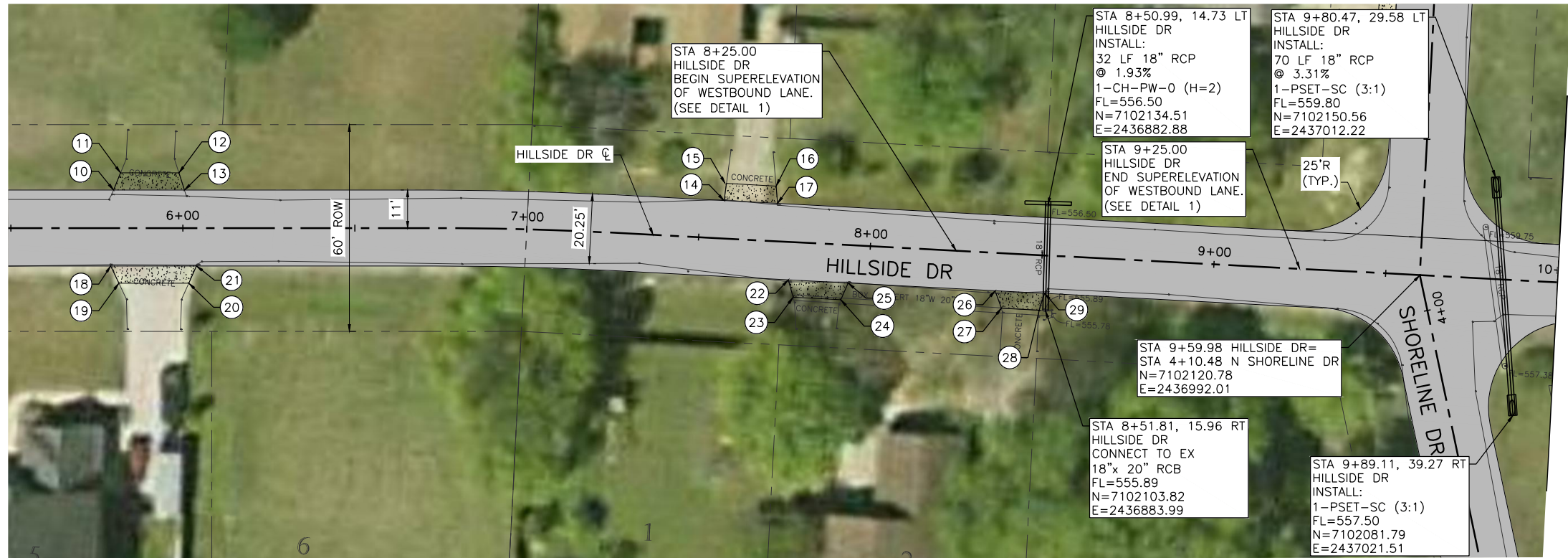
TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS
CIVIL
LAKECREST DR PLAN AND PROFILE
STA 10+00 TO STA 14+50

NO.	ISSUE	BY	DATE	FWN JOB NO.	DATE	DESIGNED	DRP	DRAWN	CHM	REVIEWED	CHECKED	FILE NAME
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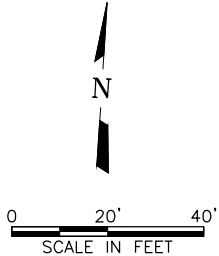
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SEQ.

MATCH LINE STA 5+50



MATCH LINE STA 10+00



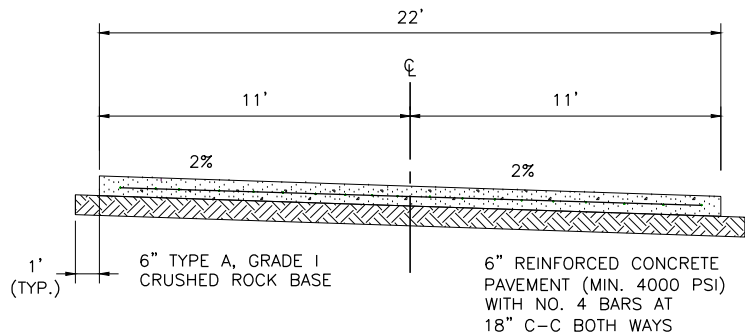
NOTE:
1. SEE SHEET PV-21 FOR N SHORELINE DR.

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT

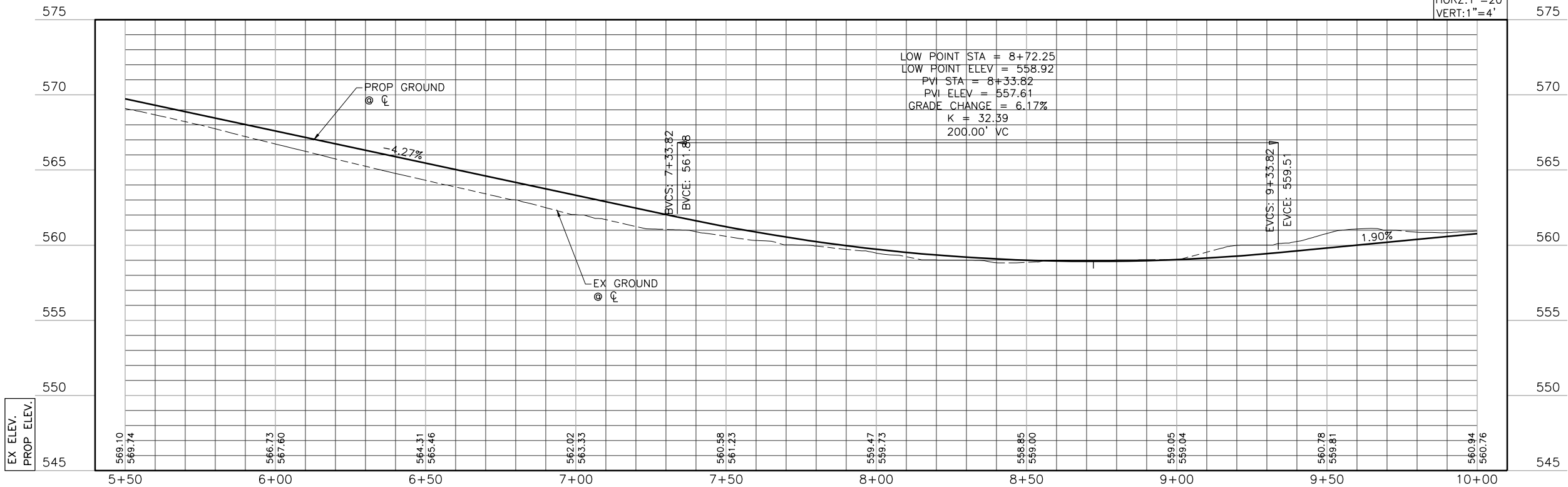
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PNT	NORTHING	EASTING	DESCRIPTION
10	7102121.97	2436611.46	PVMT PI
11	7102127.08	2436613.16	PVMT PI
12	7102128.13	2436630.11	PVMT PI
13	7102123.24	2436632.01	PVMT PI
14	7102129.90	2436788.79	PVMT PI
15	7102134.90	2436788.75	PVMT PI
16	7102135.04	2436803.62	PVMT PI
17	7102130.04	2436804.36	PVMT PI
18	7102099.96	2436611.98	PVMT PI
19	7102095.11	2436614.64	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7102096.37	2436634.94	PVMT PI
21	7102101.49	2436636.86	PVMT PI
22	7102108.08	2436808.86	PVMT PI
23	7102103.10	2436810.52	PVMT PI
24	7102103.23	2436824.46	PVMT PI
25	7102108.24	2436826.27	PVMT PI
26	7102108.64	2436869.04	PVMT PI
27	7102103.66	2436871.13	PVMT PI
28	7102103.76	2436882.16	PVMT PI
29	7102108.78	2436883.48	PVMT PI



SUPERELEVATION SECTION
NOT TO SCALE

SCALE:
HORZ:1"=20'
VERT:1"=4'



65% SUBMITTAL

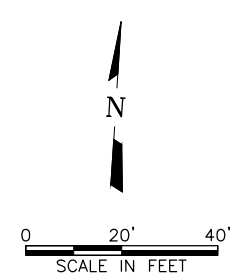
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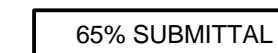
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Dallas, Texas 75201
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TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS
CIVIL
HILLSIDE DR PLAN AND PROFILE
STA 5+50 TO STA 10+00

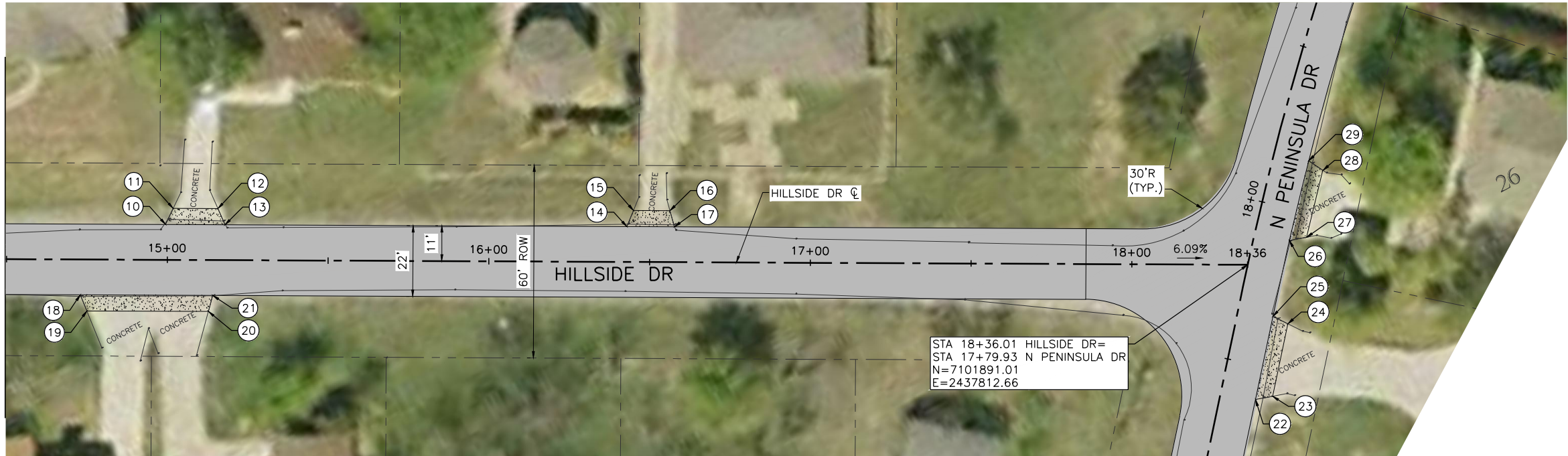
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Bar is one inch on original drawing; if not one inch on this sheet, adjust scale.												
VERIFY SCALE												
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PV-7												
SEQ.												



POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
30	7102106.18	2437142.28	PVMT PI
31	7102111.18	2437142.26	PVMT PI
32	7102112.16	2437248.12	PVMT PI
33	7102107.17	2437249.38	PVMT PI
34	7102107.39	2437272.50	PVMT PI
35	7102112.40	2437274.23	PVMT PI



MATCH LINE STA 14+50



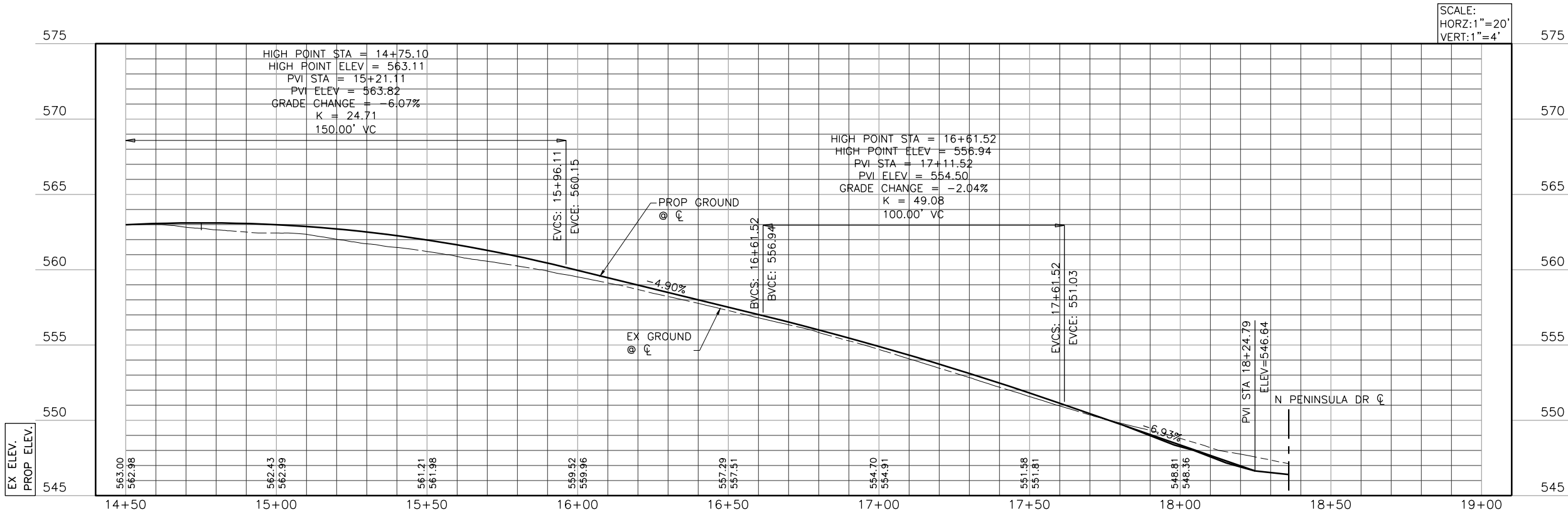
POINT TABLE			
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11	7102063.37	2437525.82	PVMT PI
12	7102056.78	2437538.07	PVMT PI
13	7102051.31	2437537.68	PVMT PI
14	7101992.14	2437647.76	PVMT PI
15	7101995.59	2437651.91	PVMT PI
16	7101990.21	2437661.91	PVMT PI
17	7101985.13	2437660.80	PVMT PI
18	7102053.19	2437487.72	PVMT PI
19	7102047.82	2437487.16	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7102029.92	2437520.45	PVMT PI
21	7102033.70	2437523.98	PVMT PI
22	7101852.87	2437795.13	PVMT PI
23	7101851.27	2437800.31	PVMT PI
24	7101868.95	2437815.07	PVMT PI
25	7101873.15	2437812.07	PVMT PI
26	7101891.58	2437827.66	PVMT PI
27	7101889.96	2437832.87	PVMT PI
28	7101905.94	2437847.13	PVMT PI
29	7101910.65	2437844.58	PVMT PI

NOTE:
1. SEE SHEET PV-13 FOR N PENINSULA DR.

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT



65% SUBMITTAL

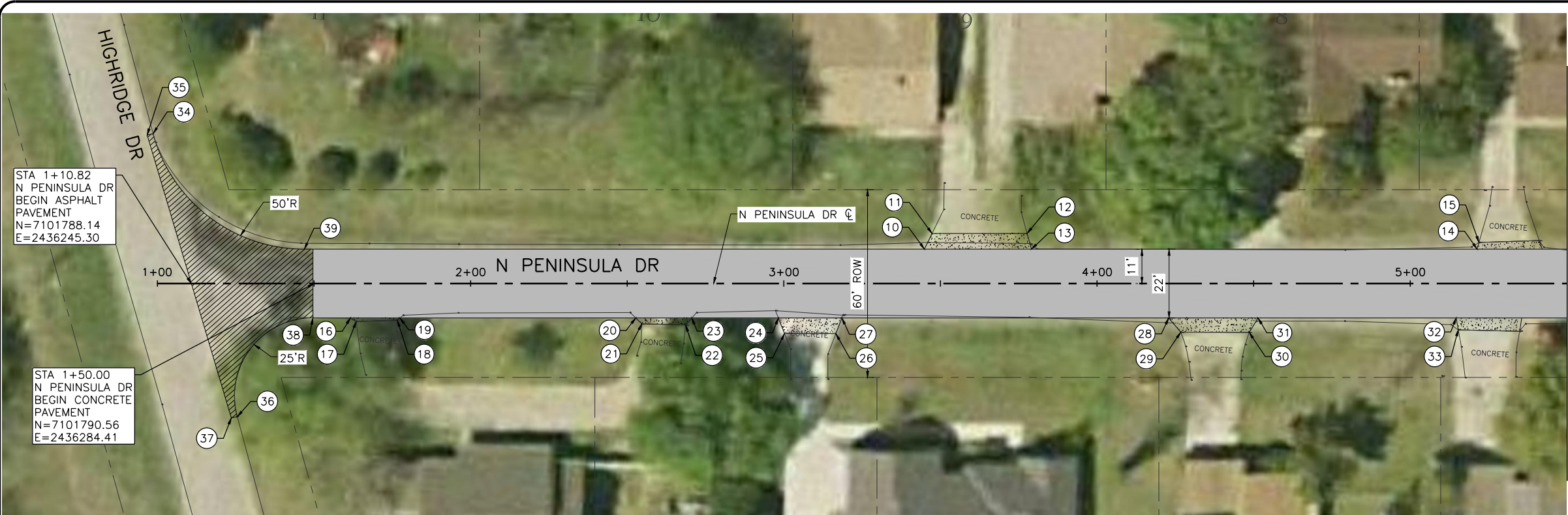
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TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS
CIVIL
HILLSIDE DR PLAN AND PROFILE
STA 14+50 TO END

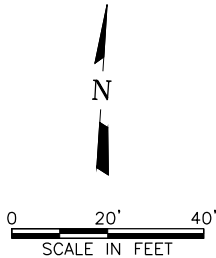
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100	ISSUE								



STA 1+10.82
N PENINSULA DR
BEGIN ASPHALT
PAVEMENT
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E=2436245.30

STA 1+50.00
N PENINSULA DR
BEGIN CONCRETE
PAVEMENT
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MATCH LINE STA 5+50



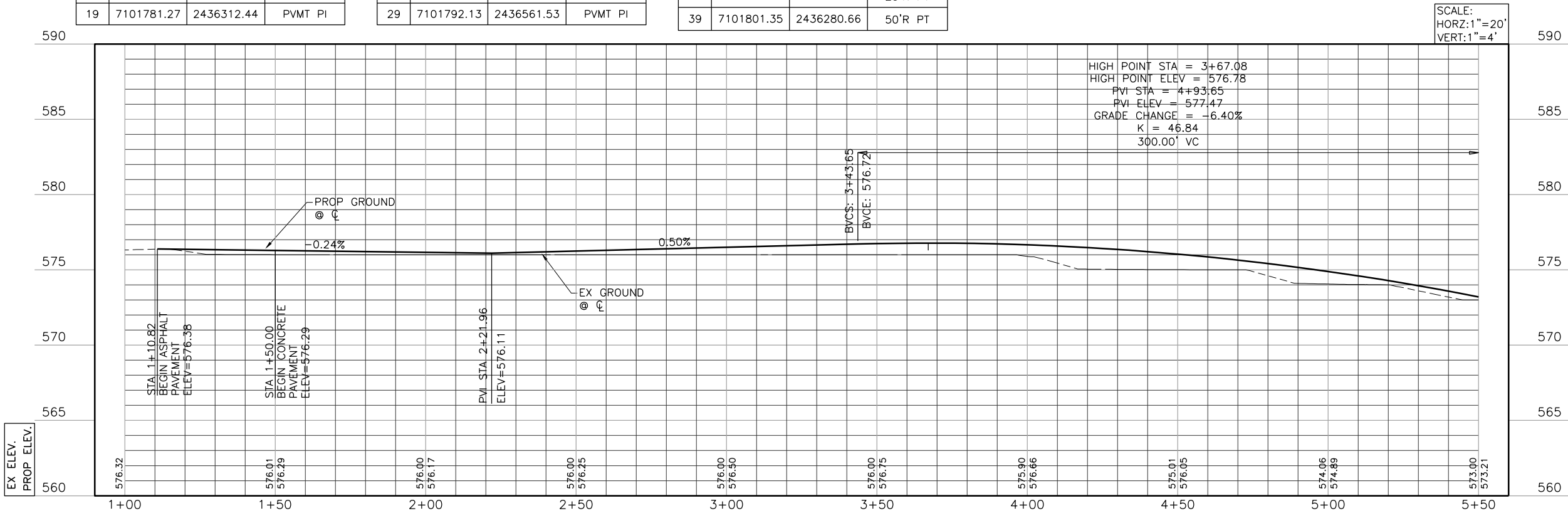
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- Concrete Roadway Pavement
- Concrete Driveway Pavement
- Asphalt Pavement

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11	7101818.71	2436480.34	PVMT PI
12	7101820.59	2436510.65	PVMT PI
13	7101815.68	2436512.34	PVMT PI
14	7101824.46	2436654.30	PVMT PI
15	7101826.67	2436654.79	PVMT PI
16	7101780.30	2436296.69	PVMT PI
17	7101779.30	2436298.62	PVMT PI
18	7101780.53	2436311.69	PVMT PI
19	7101781.27	2436312.44	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7101785.92	2436387.59	PVMT PI
21	7101784.18	2436389.65	PVMT PI
22	7101784.63	2436403.65	PVMT PI
23	7101787.03	2436405.48	PVMT PI
24	7101788.73	2436433.06	PVMT PI
25	7101783.87	2436435.33	PVMT PI
26	7101784.88	2436451.67	PVMT PI
27	7101789.99	2436453.27	PVMT PI
28	7101796.43	2436557.44	PVMT PI
29	7101792.13	2436561.53	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
30	7101793.42	2436583.34	PVMT PI
31	7101798.19	2436585.92	PVMT PI
32	7101802.10	2436649.01	PVMT PI
33	7101798.40	2436649.92	PVMT PI
34	7101835.26	2436230.20	50'R PC
35	7101834.62	2436228.30	PVMT PI
36	7101746.64	2436262.60	25'R PC
37	7101746.08	2436260.68	PVMT PI
38	7101779.56	2436284.76	25'R PT
39	7101801.35	2436280.66	50'R PT



SCALE:
HORZ:1"=20'
VERT:1"=4'

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TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS
CIVIL
N PENINSULA DR PLAN AND PROFILE
BEGIN TO STA 5+50

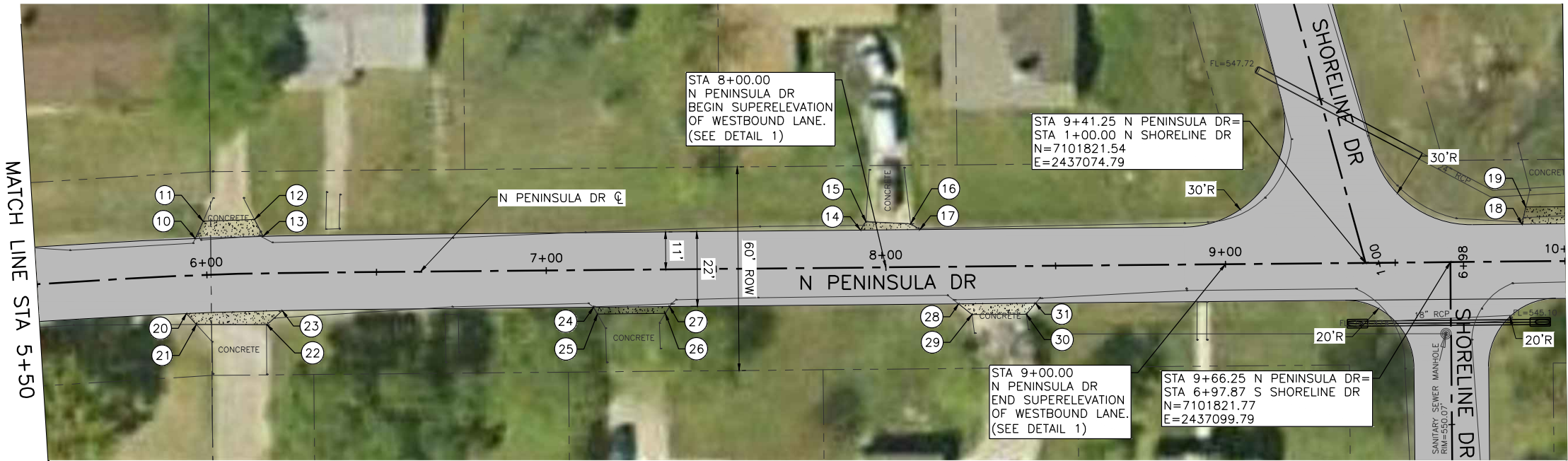
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VERIFY SCALE Bar is one inch on original drawing, if not one inch on this sheet, adjust scale.

SHEET PV-10

SEQ.

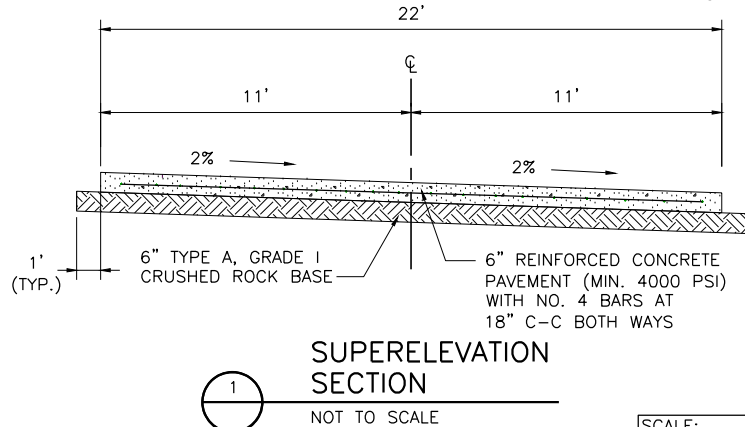
65% SUBMITTAL



POINT TABLE			
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12	7101834.31	2436747.59	PVMT PI
13	7101829.37	2436750.12	PVMT PI
14	7101831.18	2436926.07	PVMT PI
15	7101833.68	2436927.66	PVMT PI
16	7101833.07	2436940.82	PVMT PI
17	7101831.34	2436943.60	PVMT PI
18	7101832.97	2437120.89	PVMT PI
19	7101837.98	2437122.04	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7101806.62	2436727.53	PVMT PI
21	7101803.38	2436730.50	PVMT PI
22	7101803.33	2436751.25	PVMT PI
23	7101807.50	2436755.81	PVMT PI
24	7101808.46	2436847.46	PVMT PI
25	7101806.47	2436848.60	PVMT PI
26	7101806.65	2436868.61	PVMT PI
27	7101808.66	2436869.86	PVMT PI
28	7101809.44	2436954.99	PVMT PI
29	7101806.32	2436958.90	PVMT PI

POINT TABLE			
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30	7101806.43	2436974.89	PVMT PI
31	7101809.65	2436977.65	PVMT PI

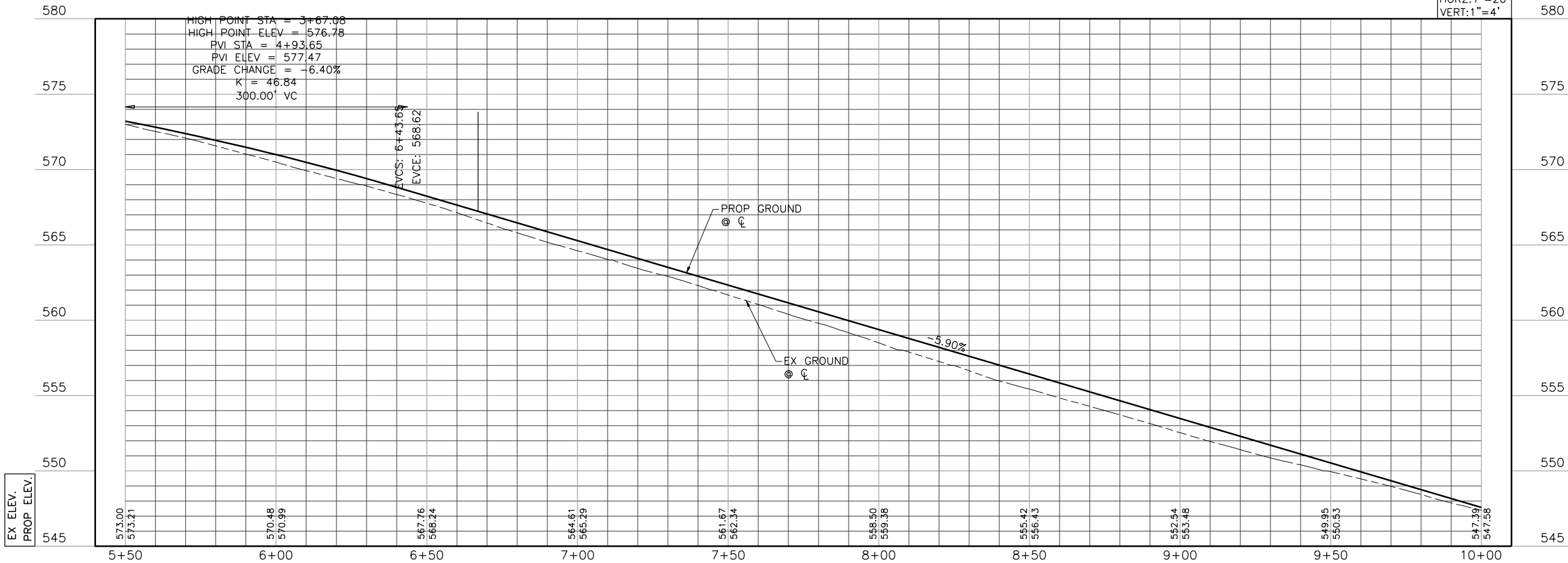


NOTE:

1. SEE SHEET PV-21 AND PV-20 FOR NORTH AND SOUTH SHORELINE DR.

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT



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TOWN OF LAKEWOOD VILLAGE

ROADWAY IMPROVEMENTS

CIVIL

N PENINSULA DR PLAN AND PROFILE
STA 5+50 TO STA 10+00

NO.	ISSUE	BY	DATE	FWN JOB NO.	DATE	DESIGNED	DRAWN	REVISED	CHECKED	FILE NAME
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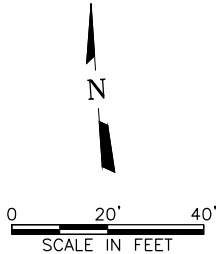
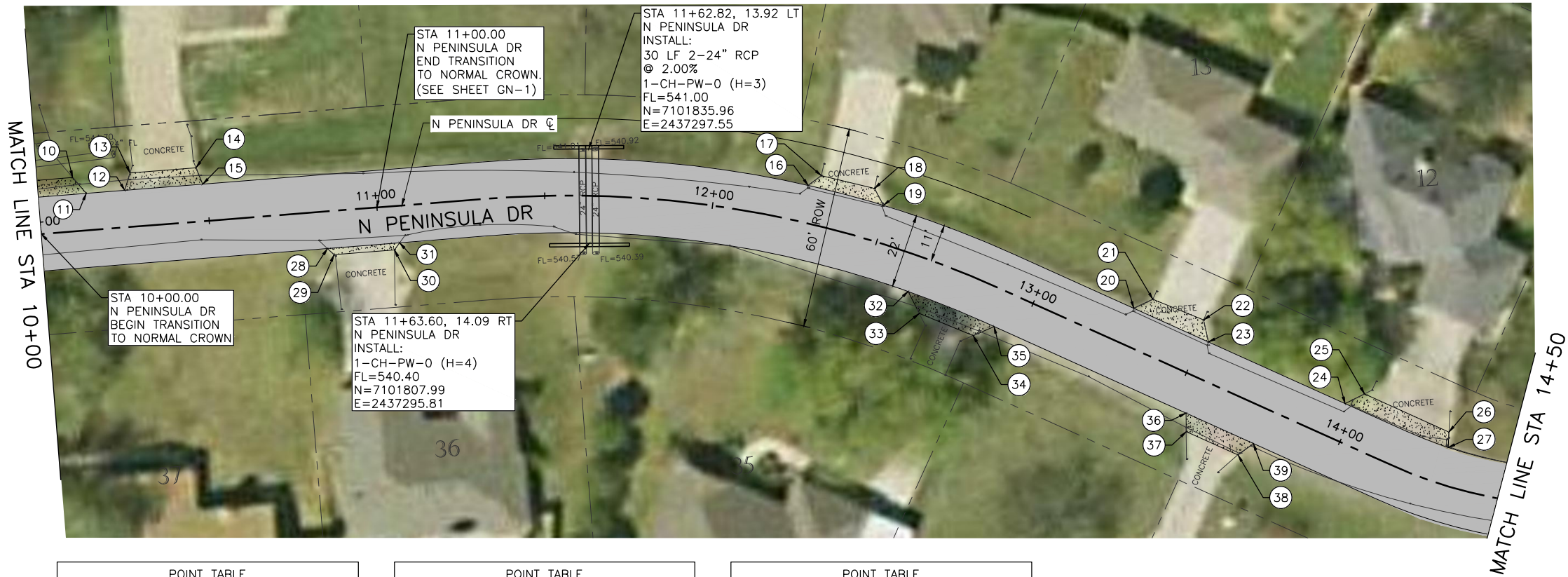
VERIFY SCALE
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SHEET

PV-11

SEQ.



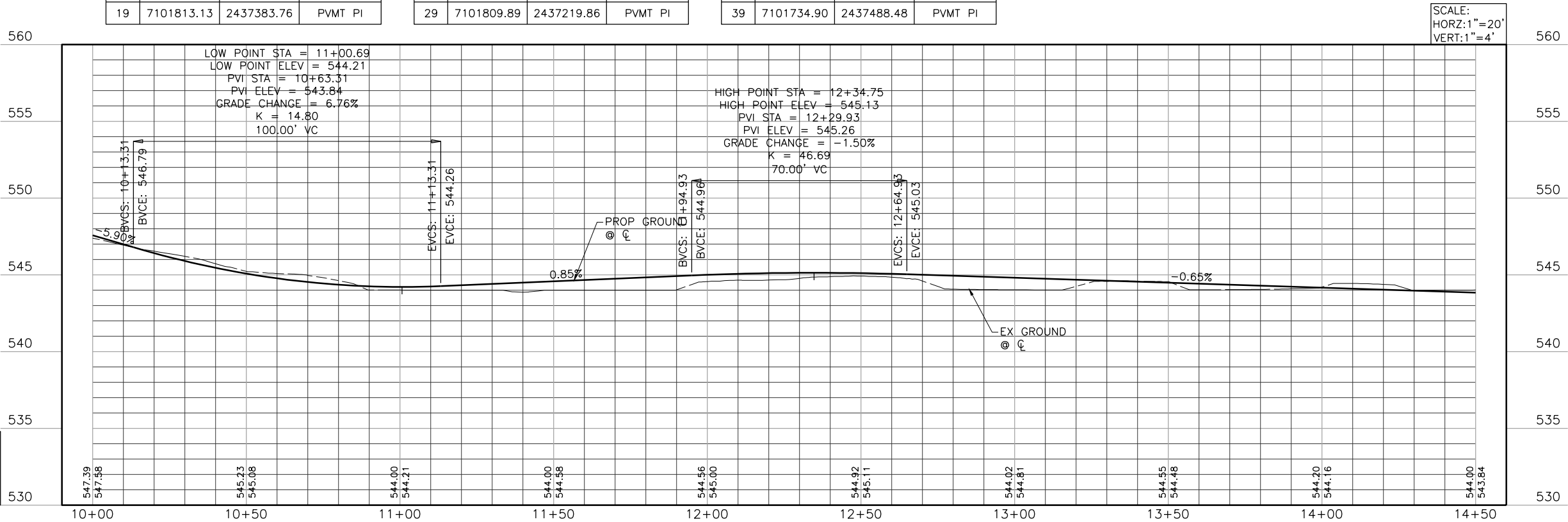
LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
10	7101838.18	2437143.96	PVMT PI
11	7101833.22	2437147.67	PVMT PI
12	7101833.32	2437159.12	PVMT PI
13	7101838.34	2437161.06	PVMT PI
14	7101838.52	2437180.72	PVMT PI
15	7101833.54	2437182.37	PVMT PI
16	7101820.60	2437361.85	PVMT PI
17	7101823.24	2437365.94	PVMT PI
18	7101818.32	2437381.44	PVMT PI
19	7101813.13	2437383.76	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7101777.43	2437455.83	PVMT PI
21	7101779.69	2437461.69	PVMT PI
22	7101772.53	2437476.28	PVMT PI
23	7101765.91	2437477.26	PVMT PI
24	7101744.81	2437516.50	PVMT PI
25	7101747.29	2437522.45	PVMT PI
26	7101734.25	2437546.70	PVMT PI
27	7101729.66	2437546.16	PVMT PI
28	7101811.87	2437218.01	PVMT PI
29	7101809.89	2437219.86	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
30	7101810.05	2437237.84	PVMT PI
31	7101812.07	2437239.53	PVMT PI
32	7101787.11	2437389.27	PVMT PI
33	7101780.36	2437392.12	PVMT PI
34	7101772.68	2437407.64	PVMT PI
35	7101774.91	2437414.05	PVMT PI
36	7101745.30	2437469.13	PVMT PI
37	7101739.80	2437468.81	PVMT PI
38	7101731.79	2437483.70	PVMT PI
39	7101734.90	2437488.48	PVMT PI



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TOWN OF LAKEWOOD VILLAGE

ROADWAY IMPROVEMENTS

CIVIL

N PENINSULA DR PLAN AND PROFILE
STA 10+00 TO STA 14+50

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				DATE	09/05/13
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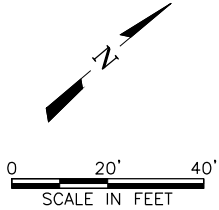
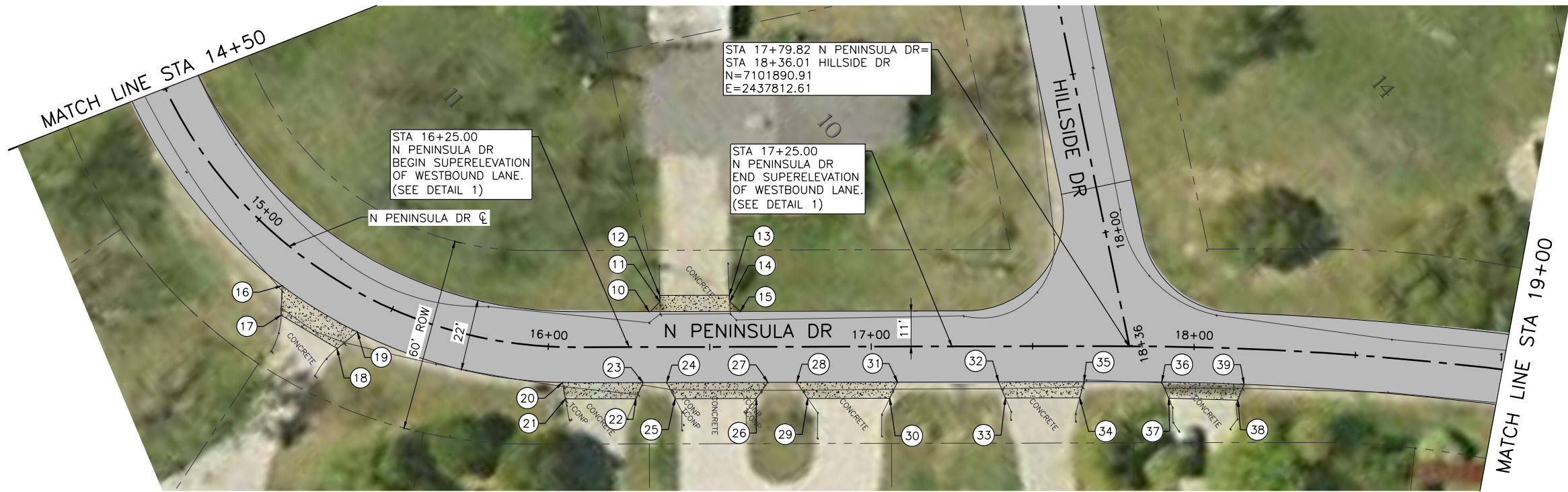
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SHEET

PV-12

SEQ.



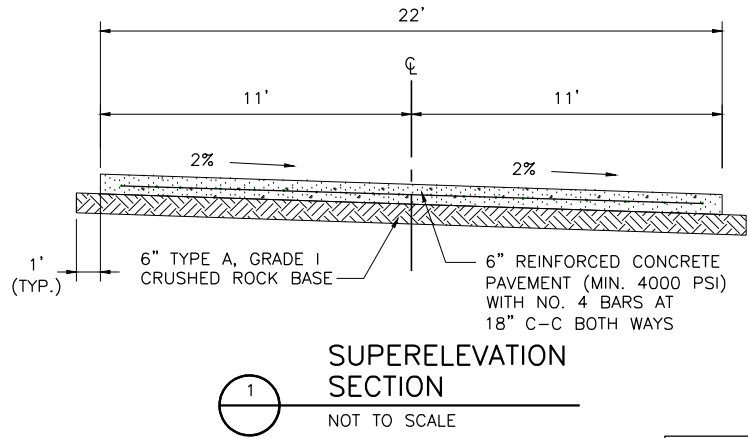
LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT

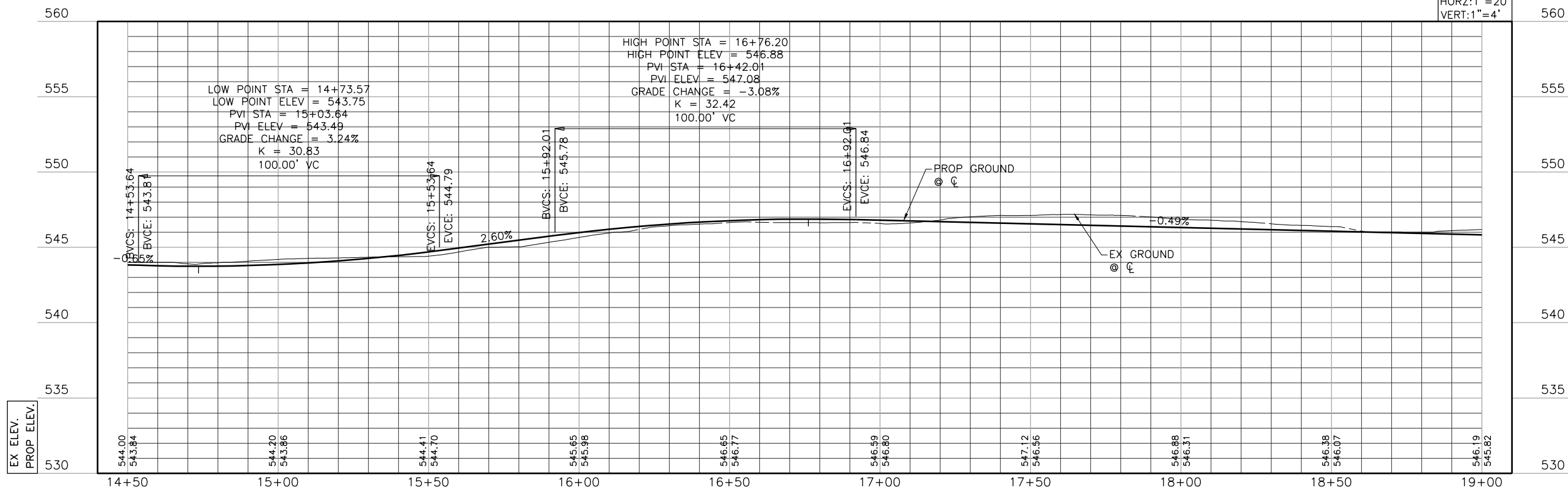
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10	7101783.97	2437708.90	PVMT PI
11	7101788.43	2437708.71	PVMT PI
12	7101789.68	2437707.15	PVMT PI
13	7101806.25	2437721.00	PVMT PI
14	7101805.04	2437722.59	PVMT PI
15	7101805.63	2437727.00	PVMT PI
16	7101702.01	2437629.71	PVMT PI
17	7101695.94	2437636.46	PVMT PI
18	7101702.57	2437655.51	PVMT PI
19	7101710.67	2437655.69	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7101749.25	2437708.50	PVMT PI
21	7101746.71	2437712.95	PVMT PI
22	7101763.48	2437726.96	PVMT PI
23	7101768.38	2437724.54	PVMT PI
24	7101773.99	2437729.23	PVMT PI
25	7101772.76	2437734.72	PVMT PI
26	7101792.05	2437750.83	PVMT PI
27	7101798.06	2437749.34	PVMT PI
28	7101804.92	2437755.07	PVMT PI
29	7101804.31	2437761.08	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
30	7101823.78	2437777.34	PVMT PI
31	7101828.86	2437775.07	PVMT PI
32	7101852.87	2437795.13	PVMT PI
33	7101851.27	2437800.31	PVMT PI
34	7101868.95	2437815.07	PVMT PI
35	7101873.15	2437812.07	PVMT PI
36	7101891.58	2437827.66	PVMT PI
37	7101889.96	2437832.87	PVMT PI
38	7101905.99	2437847.10	PVMT PI
39	7101910.65	2437844.58	PVMT PI



SCALE:
HORZ:1"=20'
VERT:1"=4'



65% SUBMITTAL

TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS

CIVIL

N PENINSULA DR PLAN AND PROFILE
STA 14+50 TO STA 19+00

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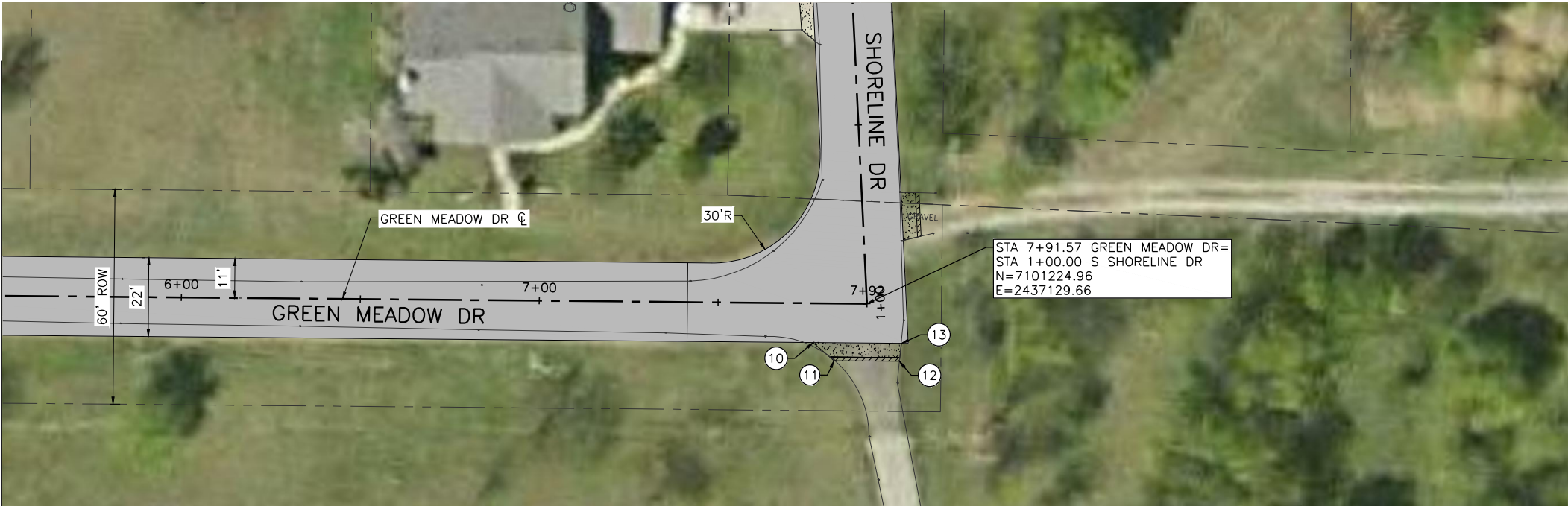
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4	ISSUE			
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8	ISSUE			
9	ISSUE			
10	ISSUE			

PV-13

SEQ.



MATCH LINE STA 5+50



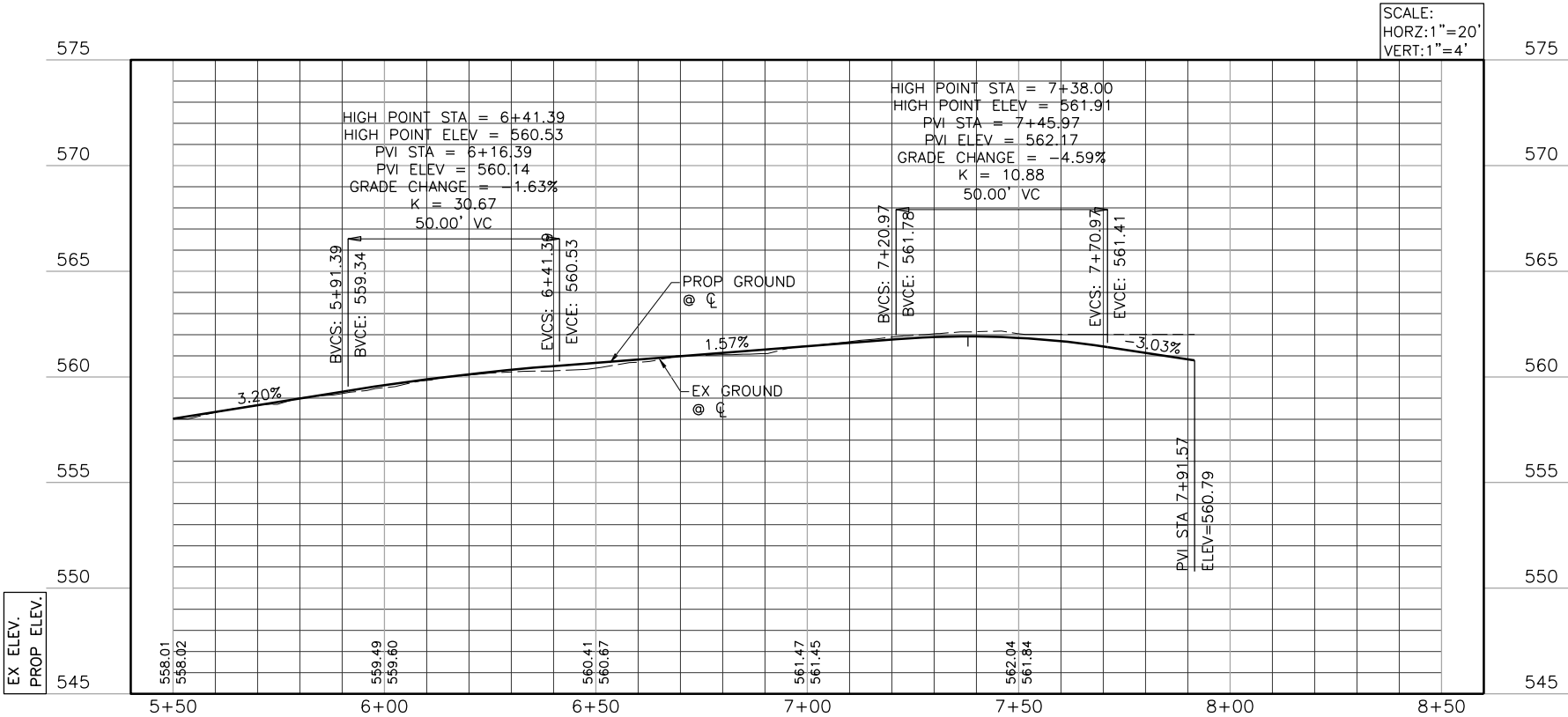
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11	7101208.58	2437121.34	PVMT PI
12	7101209.37	2437139.54	PVMT PI
13	7101214.39	2437139.89	PVMT PI



NOTE:
1. SEE SHEET PV-19 FOR S SHORELINE DR.

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT



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TOWN OF LAKEWOOD VILLAGE

ROADWAY IMPROVEMENTS

CIVIL

GREEN MEADOW DR PLAN AND PROFILE
STA 5+50 TO END

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				LW13442	09/05/13							CV-TRT-PP-01GMEADOW02.dwg

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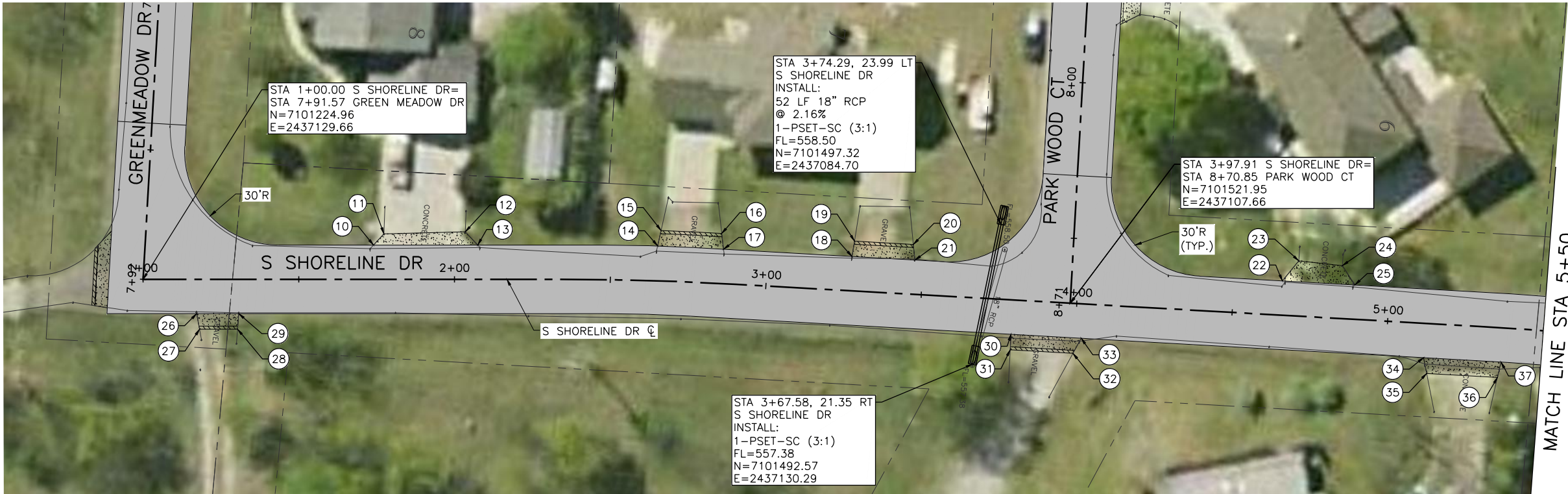
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Date: Oct 23, 2013 - 4:13pm

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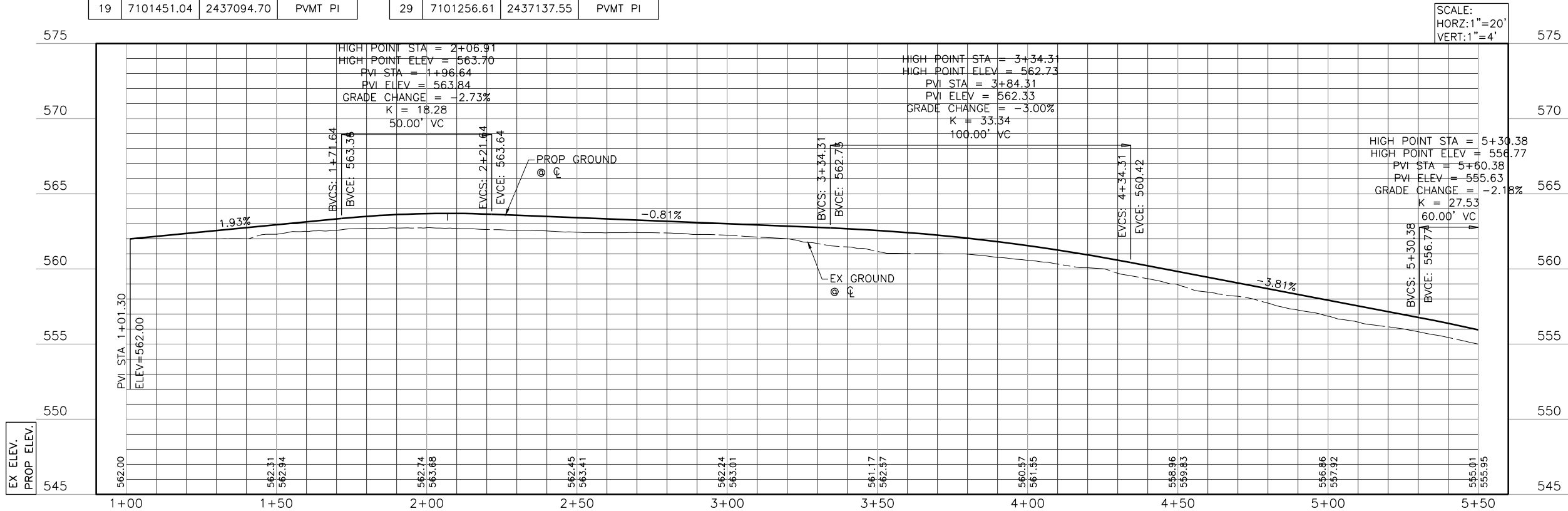
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POINT TABLE			
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10	7101297.49	2437111.35	PVMT PI
11	7101300.43	2437107.44	PVMT PI
12	7101326.38	2437104.19	PVMT PI
13	7101330.75	2437108.02	PVMT PI
14	7101388.31	2437102.55	PVMT PI
15	7101388.91	2437097.50	PVMT PI
16	7101408.38	2437096.55	PVMT PI
17	7101409.45	2437101.51	PVMT PI
18	7101450.74	2437099.72	PVMT PI
19	7101451.04	2437094.70	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7101469.95	2437093.89	PVMT PI
21	7101470.94	2437098.85	PVMT PI
22	7101589.04	2437093.75	PVMT PI
23	7101593.62	2437086.80	PVMT PI
24	7101607.69	2437086.96	PVMT PI
25	7101612.33	2437092.74	PVMT PI
26	7101243.17	2437138.89	PVMT PI
27	7101244.58	2437143.77	PVMT PI
28	7101256.74	2437142.56	PVMT PI
29	7101256.61	2437137.55	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
30	7101504.06	2437119.44	PVMT PI
31	7101504.27	2437124.43	PVMT PI
32	7101524.41	2437123.56	PVMT PI
33	7101526.56	2437118.47	PVMT PI
34	7101636.59	2437113.71	PVMT PI
35	7101638.09	2437118.65	PVMT PI
36	7101660.84	2437117.67	PVMT PI
37	7101661.49	2437112.64	PVMT PI



65% SUBMITTAL

NOTE:

- SEE SHEET PV-16 FOR PARK WOOD CT.
- SEE SHEET PV-18 FOR GREEN MEADOW DR.

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT

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CIVIL
S SHORELINE DR PLAN AND PROFILE
BEGIN TO STA 5+50

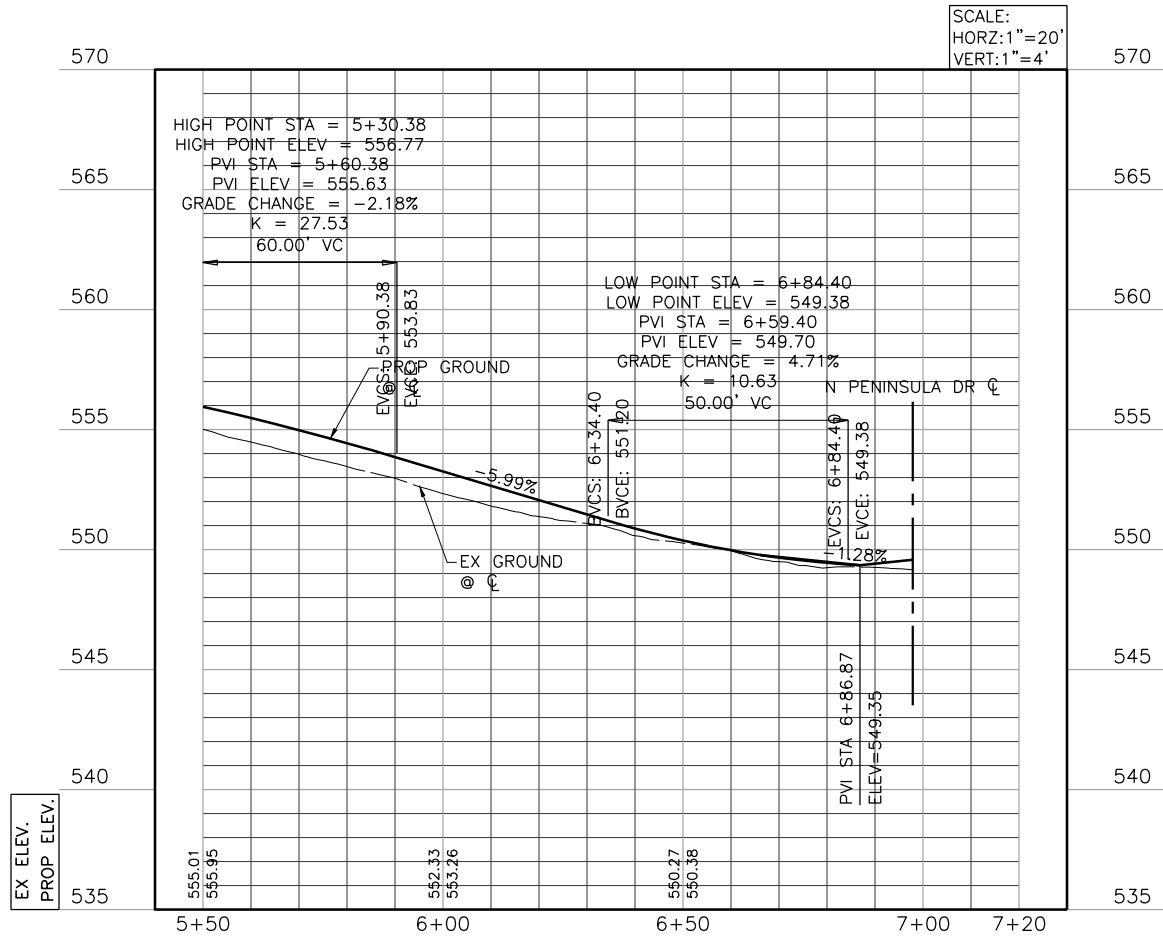
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PV-19

MATCH LINE STA 5+50

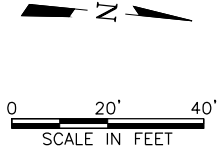


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10	7101703.25	2437089.89	PVMT PI
11	7101705.20	2437084.87	PVMT PI
12	7101724.56	2437084.69	PVMT PI
13	7101726.27	2437089.68	PVMT PI
14	7101685.38	2437112.06	PVMT PI
15	7101685.10	2437117.06	PVMT PI
16	7101703.37	2437116.89	PVMT PI
17	7101704.15	2437111.89	PVMT PI

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT

NOTE:
1. SEE SHEET PV-11 FOR N PENINSULA DR.



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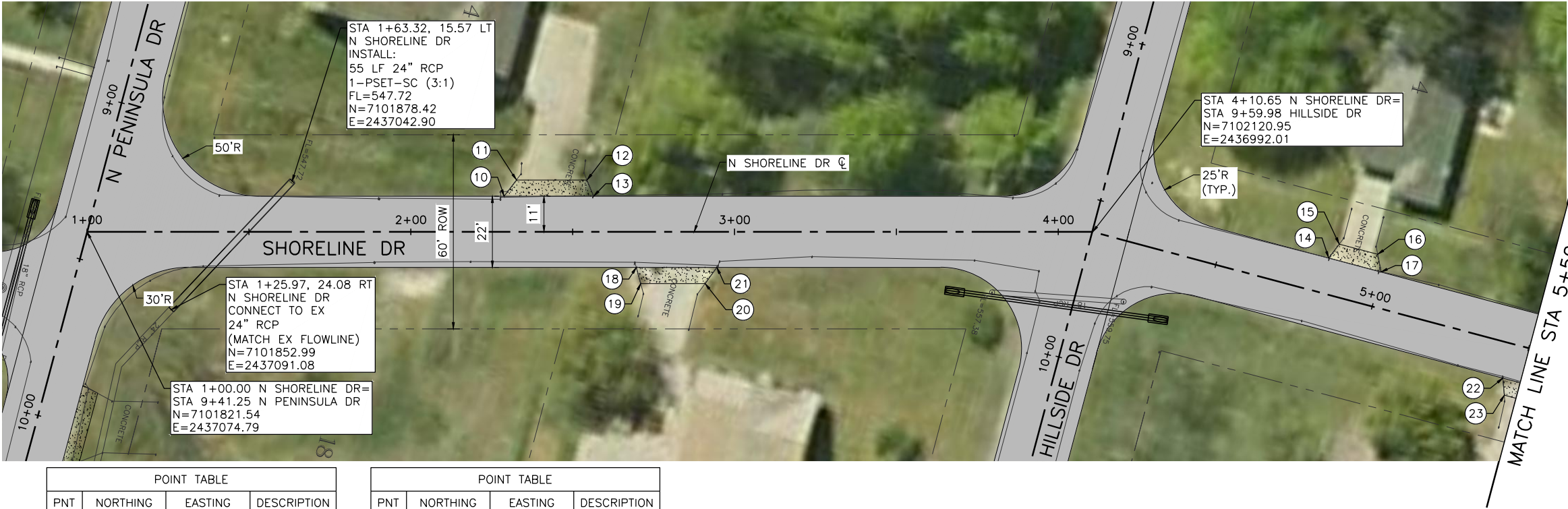
CIVIL
S SHORELINE DR PLAN AND PROFILE
STA 5+50 TO END

TOWN OF LAKEWOOD VILLAGE
ROADWAY IMPROVEMENTS

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PV-20
SEQ.



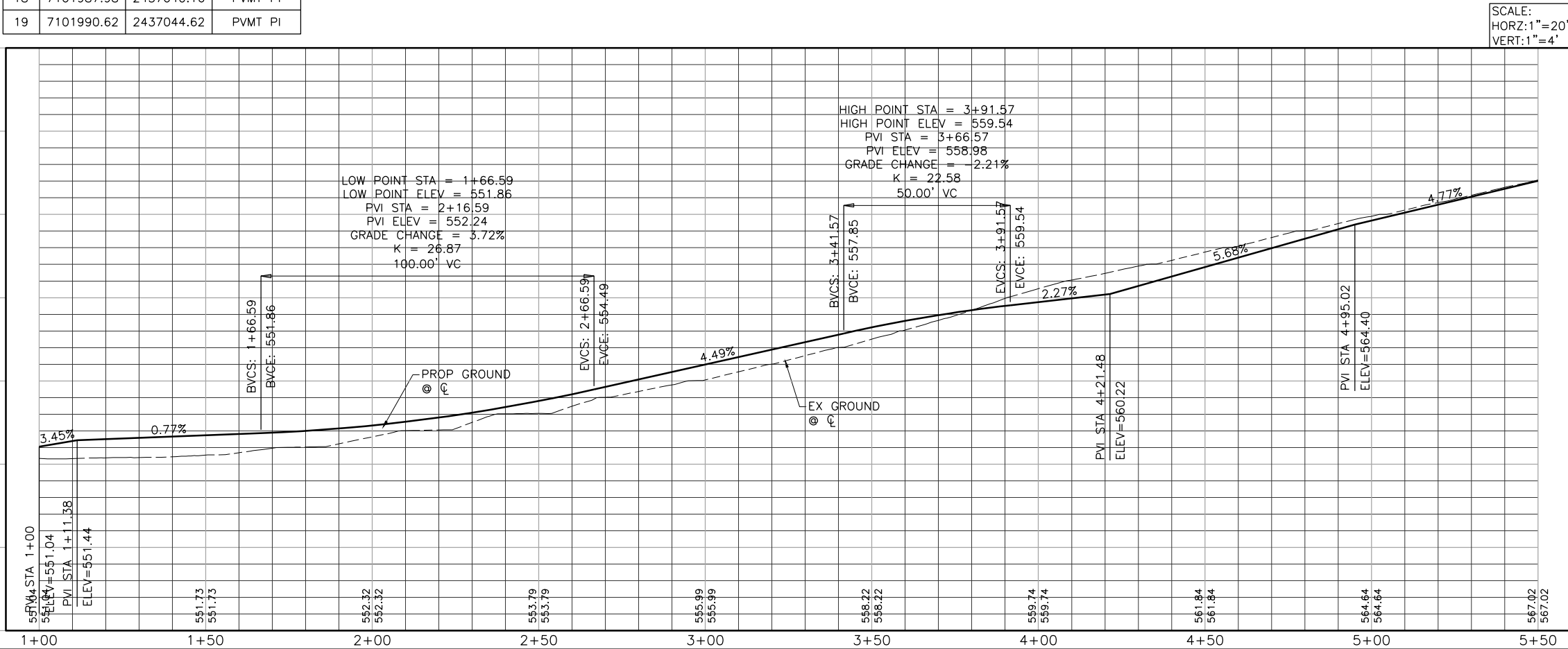
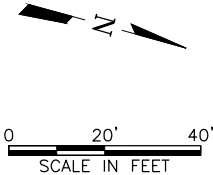
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10	7101942.75	2437029.85	PVMT PI
11	7101945.10	2437024.01	PVMT PI
12	7101966.09	2437018.21	PVMT PI
13	7101969.42	2437022.47	PVMT PI
14	7102193.32	2436980.34	PVMT PI
15	7102195.31	2436975.32	PVMT PI
16	7102207.63	2436975.21	PVMT PI
17	7102210.08	2436980.18	PVMT PI
18	7101987.98	2437040.16	PVMT PI
19	7101990.62	2437044.62	PVMT PI

POINT TABLE			
PNT	NORTHING	EASTING	DESCRIPTION
20	7102009.79	2437039.32	PVMT PI
21	7102011.96	2437033.53	PVMT PI
22	7102255.08	2437001.77	PVMT PI
23	7102256.91	2437006.75	PVMT PI

LEGEND

- CONCRETE ROADWAY PAVEMENT
- CONCRETE DRIVEWAY PAVEMENT
- ASPHALT PAVEMENT

NOTE:
1. SEE SHEET PV-7 FOR HILLSIDE DR.



EX ELEV.
PROP ELEV.

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PV-21
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