

CITY OF HILLSDALE

SOUTH STREET

STREET RECONSTRUCTION

READING AVE TO BROAD ST (M99)

REVISIONS	DATE
REVISED	4/6/26



**Know what's below.
Call before you dig.**

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 53, THE CONTRACTOR SHALL DIAL 1-800-482-7171 OR 811 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO THE BEGINNING OF EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED.

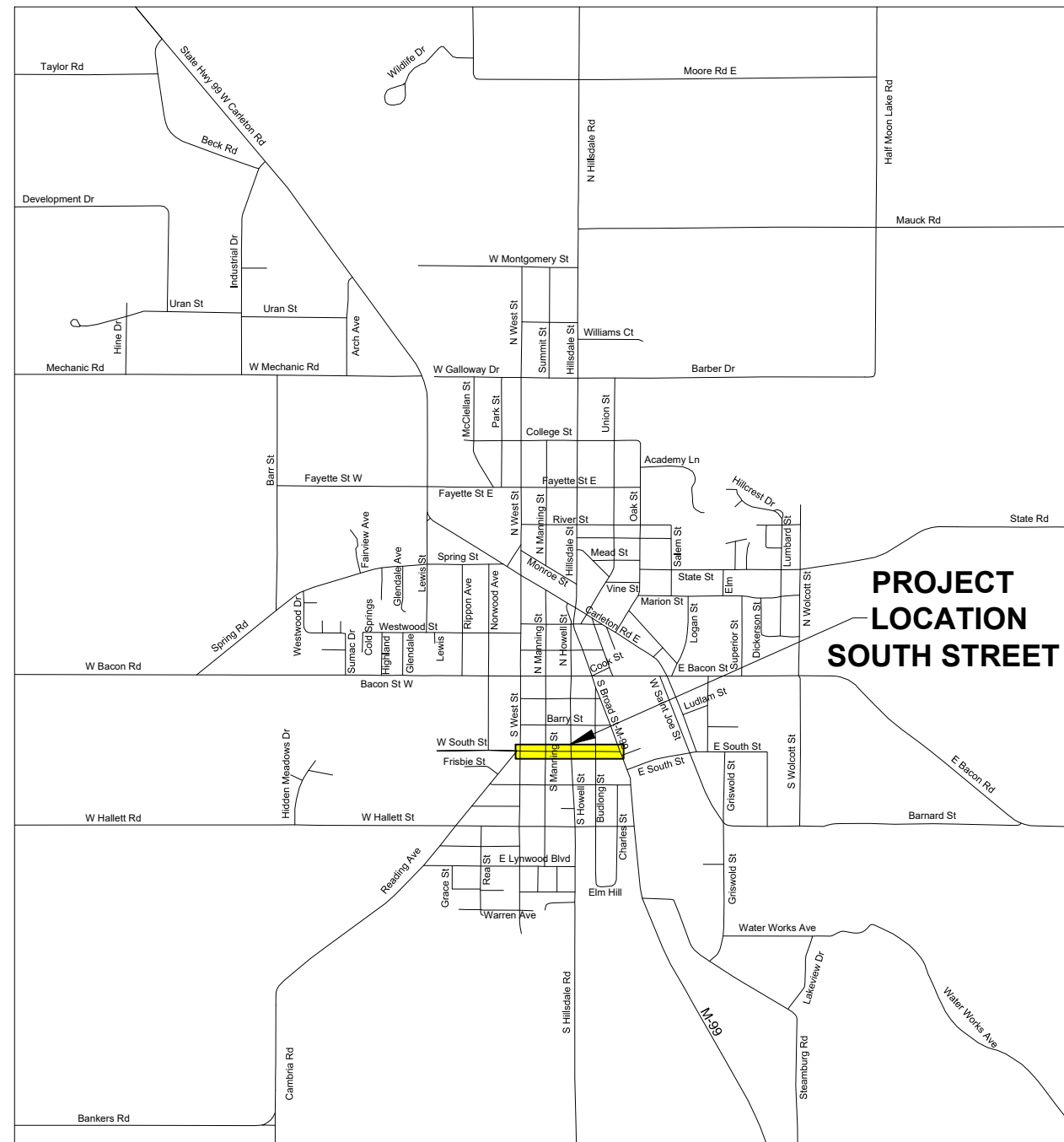
THE UTILITY LOCATIONS AS HEREON SHOWN ARE BASED ON FIELD OBSERVATIONS AND A CAREFUL REVIEW OF MUNICIPAL AND UTILITY RECORDS. HOWEVER, IT IS NOT POSSIBLE TO DETERMINE THE PRECISE SIZE, LOCATION, DEPTH, PRESSURE, OR ANY OTHER CHARACTERISTICS OF UNDERGROUND UTILITIES, TANKS OR SEPTIC FIELDS WITHOUT EXCAVATION. THEREFORE, WE CANNOT GUARANTEE THE ACCURACY OF COMPLETENESS OF THE BURIED UTILITY INFORMATION HEREON SHOWN.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THESE UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND MAKE EVERY EFFORT TO PROTECT AND/OR RELOCATE THEM AS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER/SURVEYOR AS SOON AS POSSIBLE IN THE EVENT A DISCREPANCY IS FOUND.

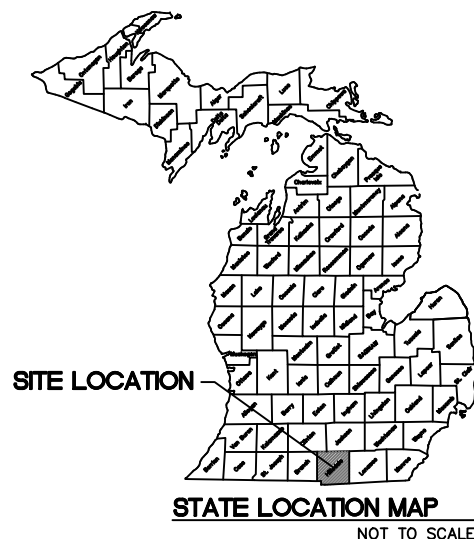
REFERENCES TO SPECIFICATIONS:
THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE PROJECT DRAWINGS, NOTES, AND THE APPLICABLE SECTIONS OF THE 2020 MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.

ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE MICHIGAN MANUAL OF TRAFFIC CONTROL DEVICES (MMUTCD)

SHEET NO.	DESCRIPTION
C1	COVER SHEET
C2	DEMOLITION PLAN - READING AVE TO STA 28+50
C3	DEMOLITION PLAN - STA. 22+50 TO BROAD (M-99)
C4	CONSTRUCTION - READING AVE TO STA 22+50
C5	CONSTRUCTION - STA 22+50 TO STA 28+50
C6	CONSTRUCTION - STA 28+50 TO BROAD (M99) ST
C7	PAVEMENT MARKING PLAN
C8	PAVEMENT DETAILS
C9	TRAFFIC CONTROL PLAN
C10	TRAFFIC CONTROL PLAN - SIGN DETAILS
C11	NOTE SHEET & LEGEND



AREA MAP
NOT TO SCALE



SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN

COVER SHEET

SCALE	NONE	
	NAME	DATE
DESIGNED	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

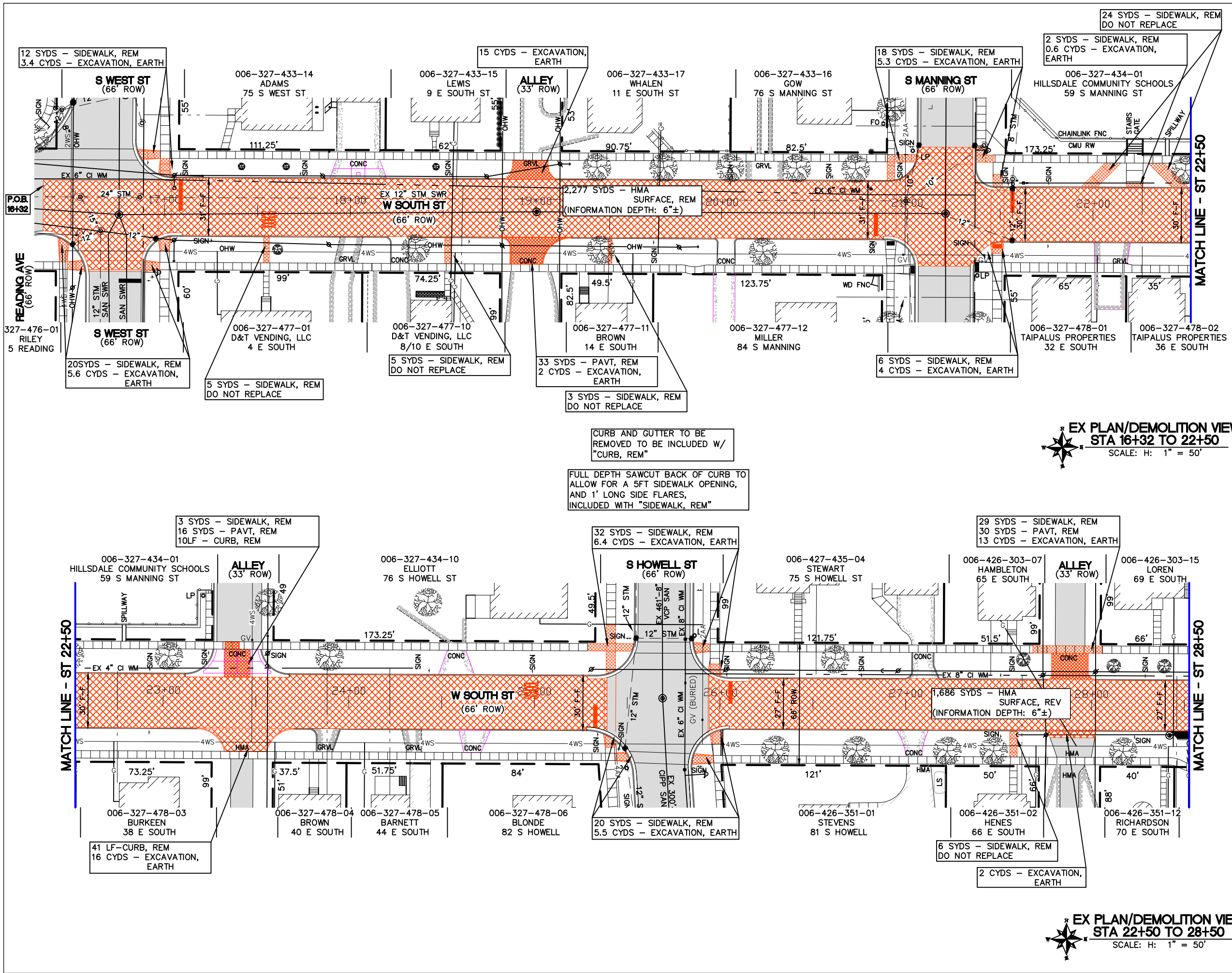
DRAWING NO.
C1

REVISIONS	DATE
REVISED	4/6/26

**SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST**
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN
**DEMOLITION PLAN
READING AVE TO STA 28+50**

SCALE	NONE	
DESIGNED	NAME	DATE
	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

DRAWING NO.
C2



**EX PLAN/DEMOLITION VIEW
STA 16+32 TO 22+50**
SCALE: H: 1" = 50'

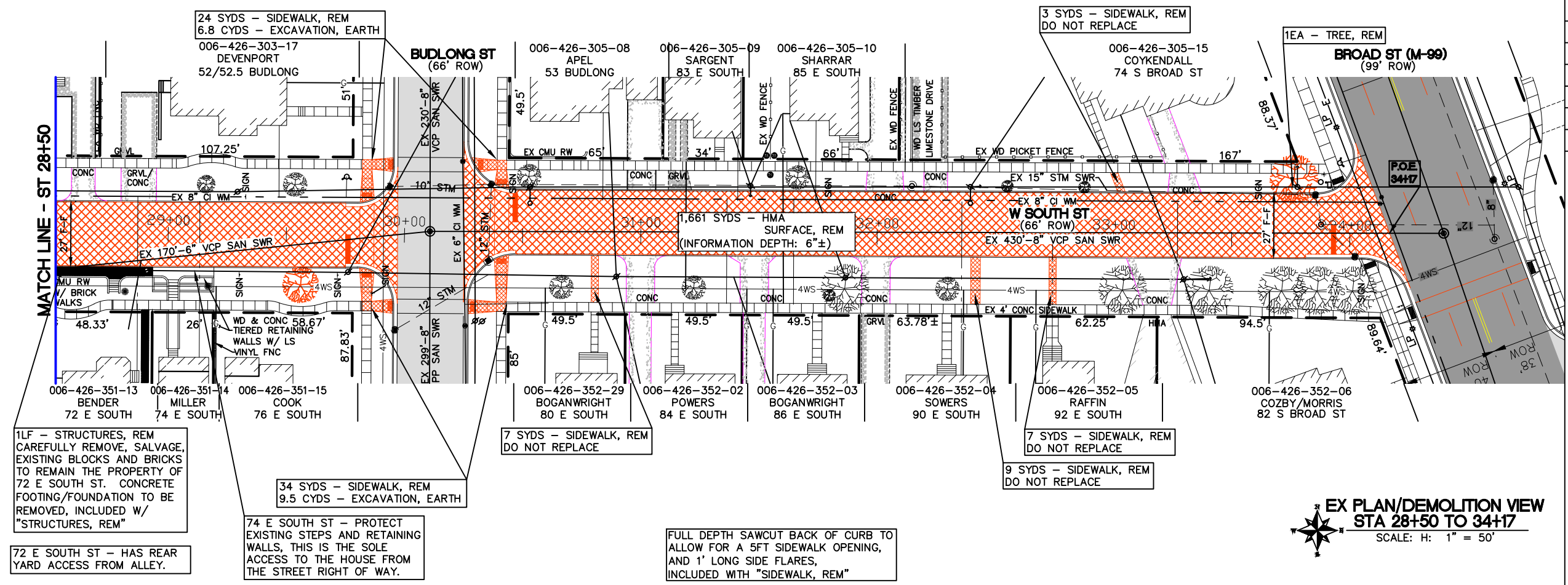
**EX PLAN/DEMOLITION VIEW
STA 22+50 TO 28+50**
SCALE: H: 1" = 50'

CURB AND GUTTER TO BE REMOVED TO BE INCLUDED W/ "CURB, REM"

FULL DEPTH SAWCUT BACK OF CURB TO ALLOW FOR A 5FT SIDEWALK OPENING, AND 1' LONG SIDE FLARES, INCLUDED WITH "SIDEWALK, REM"

CURB AND GUTTER TO BE REMOVED TO BE INCLUDED W/ "CURB, REM"

REVISIONS	DATE
REVISED	4/6/26



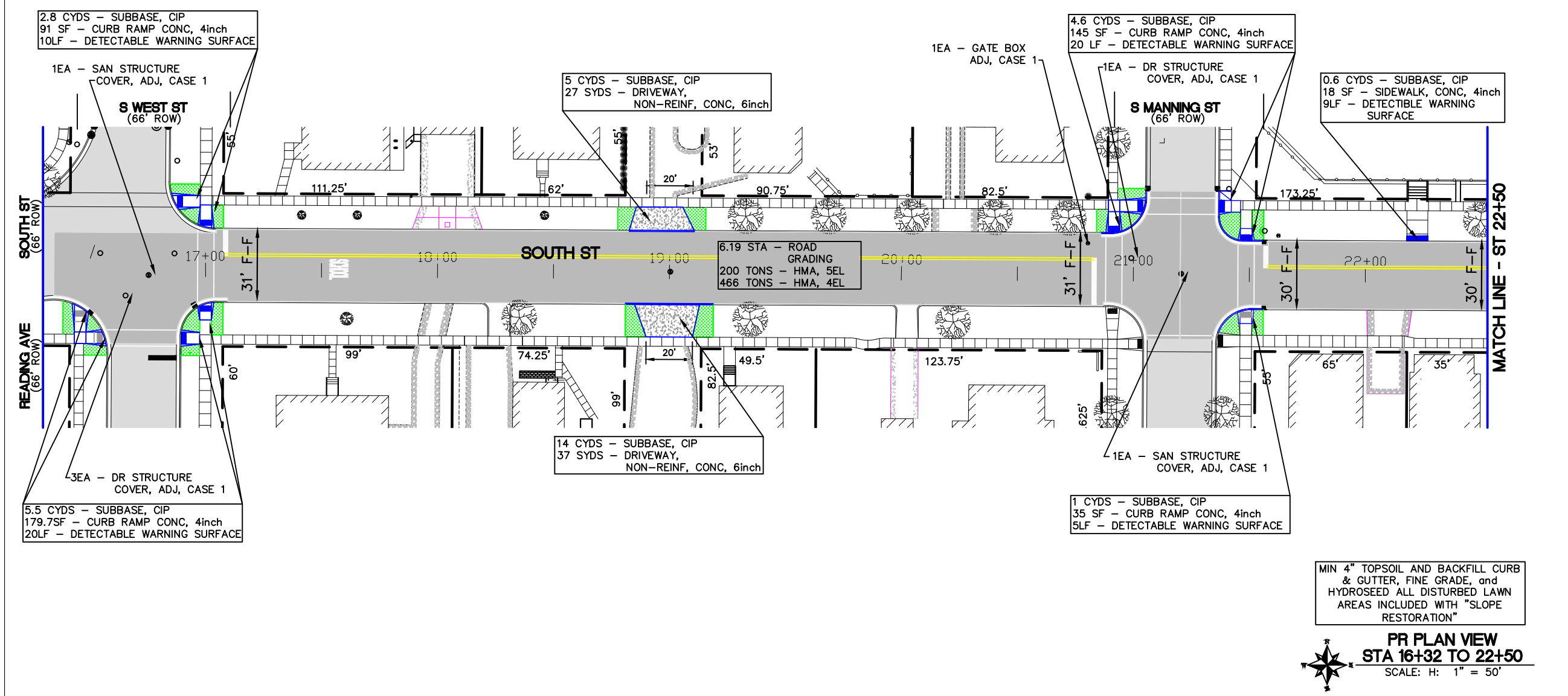
EX PLAN/DEMOLITION VIEW
STA 28+50 TO 34+17
SCALE: H: 1" = 50'

**SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST**
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN
**DEMOLITION PLAN
STA 28+50 TO BROAD (M-99) ST**

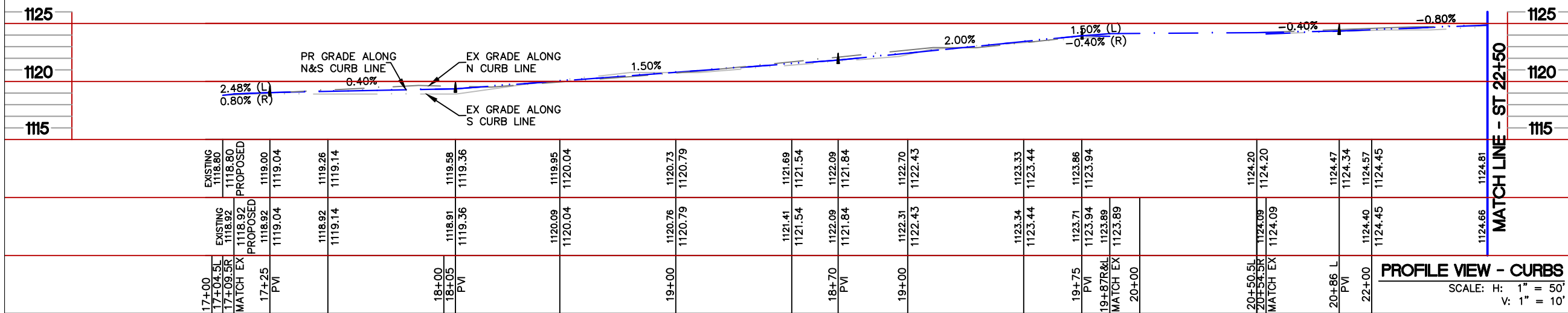
SCALE	NONE	
	NAME	DATE
DESIGNED	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

DRAWING NO.
C3

REVISIONS	DATE
REVISED	4/6/26

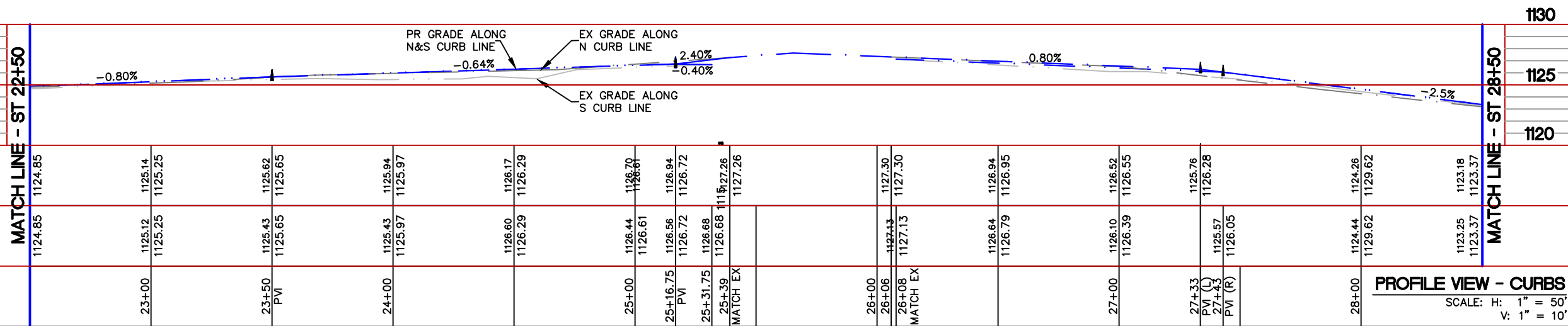
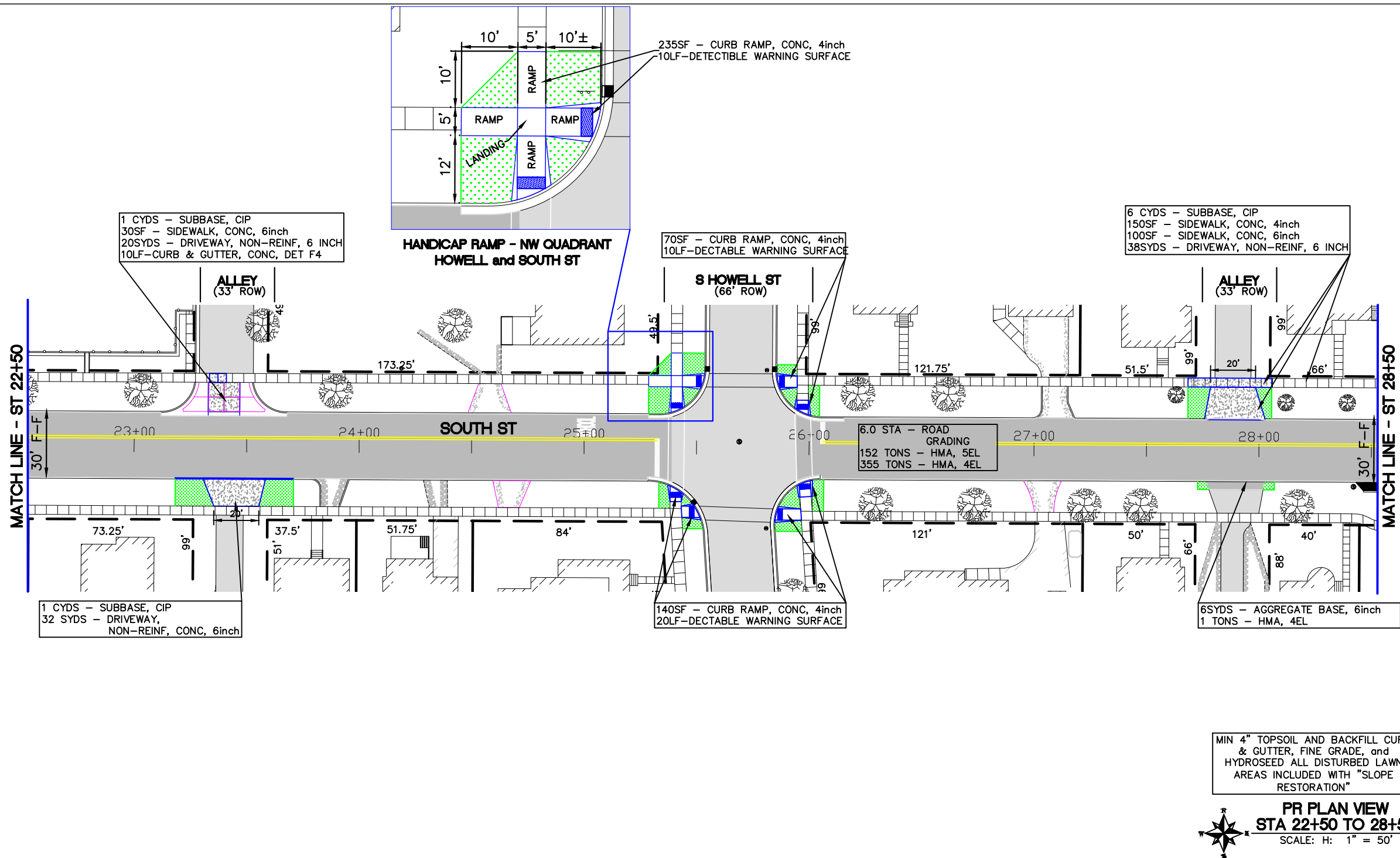


**SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST**
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN
**CONSTRUCTION PLAN
READING AVE TO STA 22+50**



SCALE	NONE	
DESIGNED	NAME	DATE
DRAWN	RDS	4/6/25
CHECKED		
DRAWING NO. C4		

REVISIONS	DATE
REVISED	4/6/26

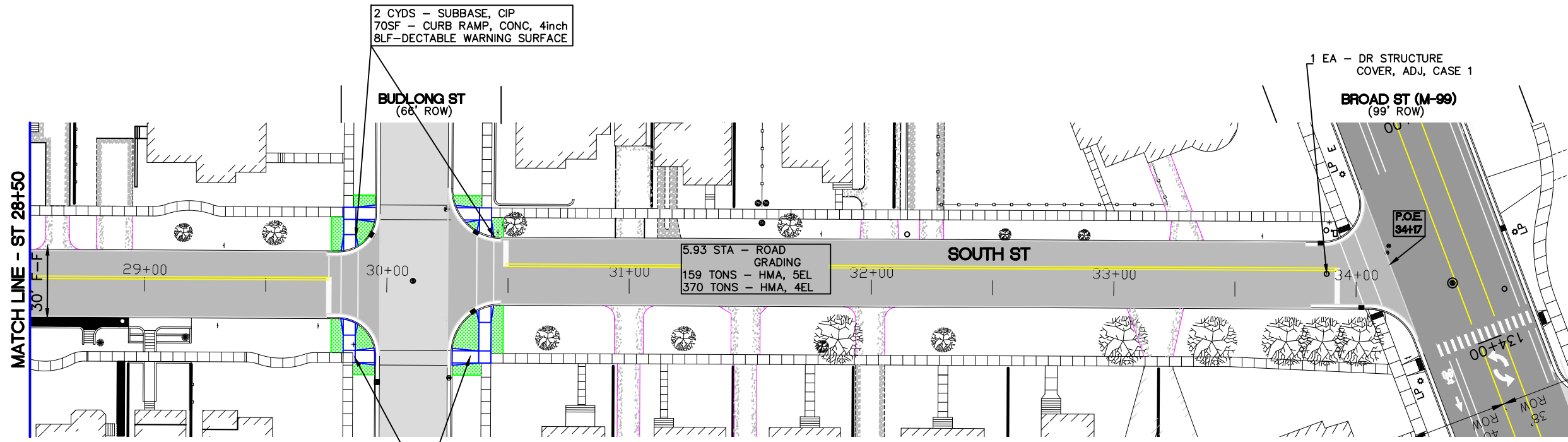


**SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN
CONSTRUCTION PLAN
STA 22+50 TO 28+50**

SCALE	NONE	
	NAME	DATE
DESIGNED	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

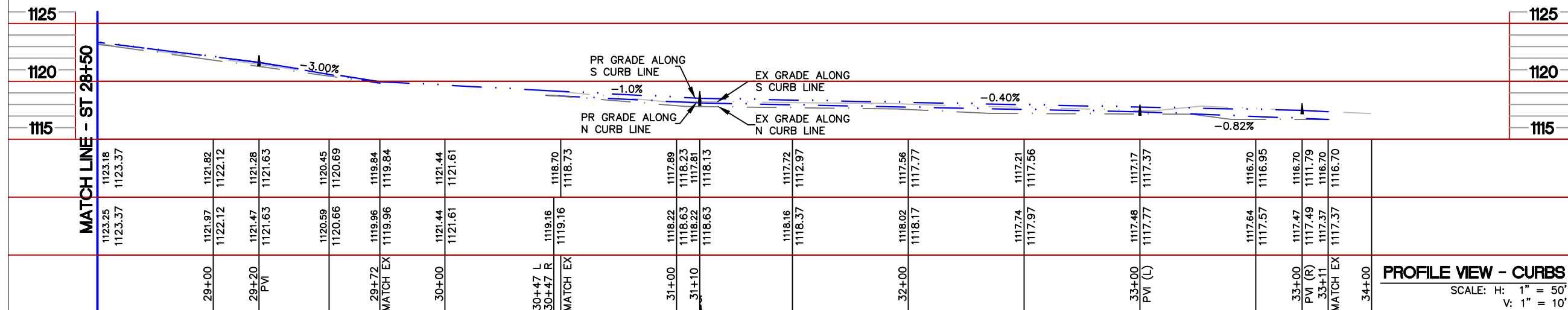
DRAWING NO. **C5**

REVISIONS	DATE
REVISED	4/6/26



MIN 4" TOPSOIL AND BACKFILL CURB & GUTTER, FINE GRADE, and HYDROSEED ALL DISTURBED LAWN AREAS INCLUDED WITH "SLOPE RESTORATION"

PR PLAN VIEW
STA 28+50 TO 34+17
SCALE: H: 1" = 50'

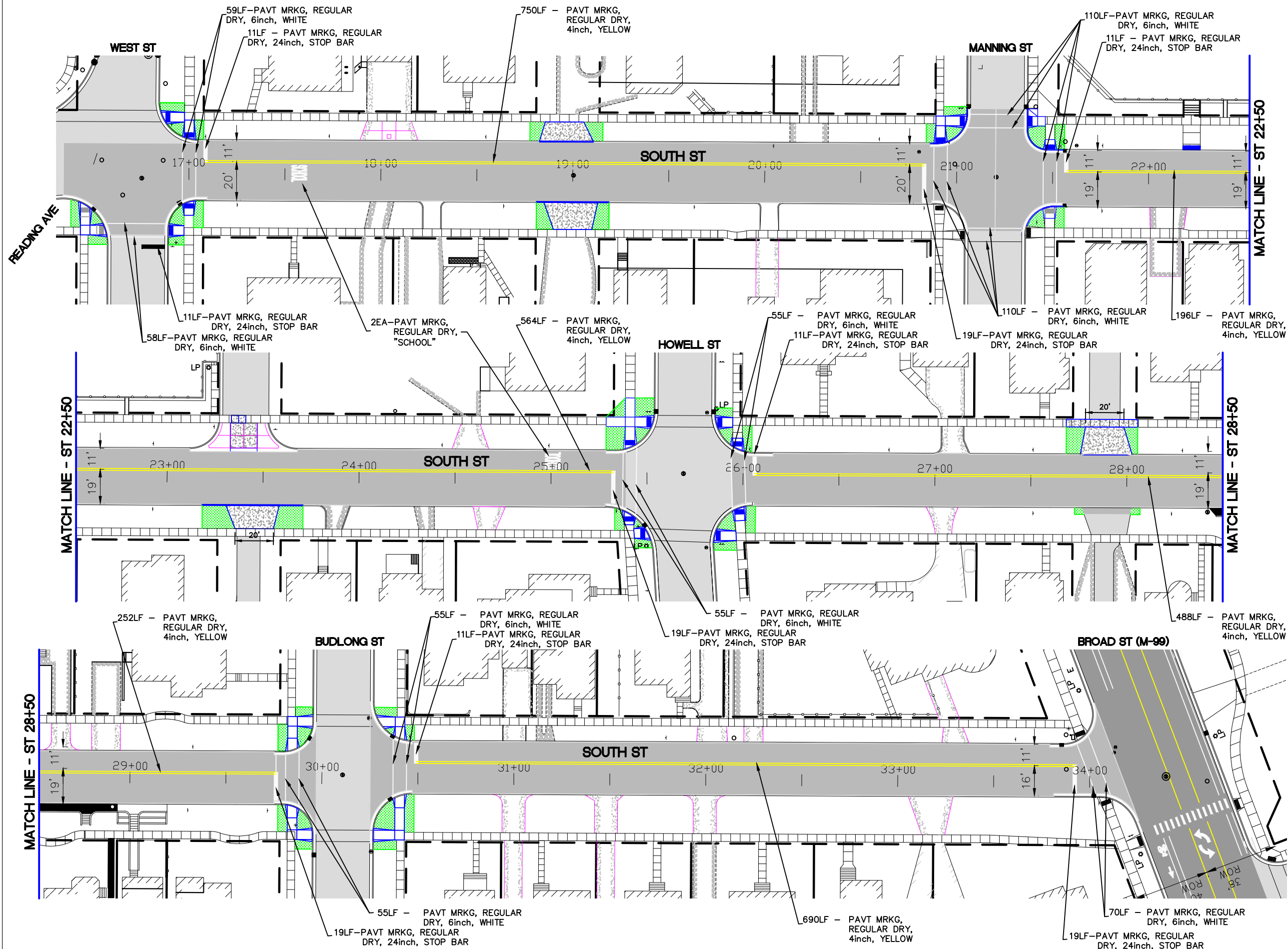


PROFILE VIEW - CURBS
SCALE: H: 1" = 50'
V: 1" = 10'

SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN
CONSTRUCTION PLAN
STA 28+50 TO BROAD (M-99) ST

SCALE	NONE	
	NAME	DATE
DESIGNED	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

DRAWING NO. **C6**



REVISIONS	DATE
REVISED	4/6/26

**SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST**
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN

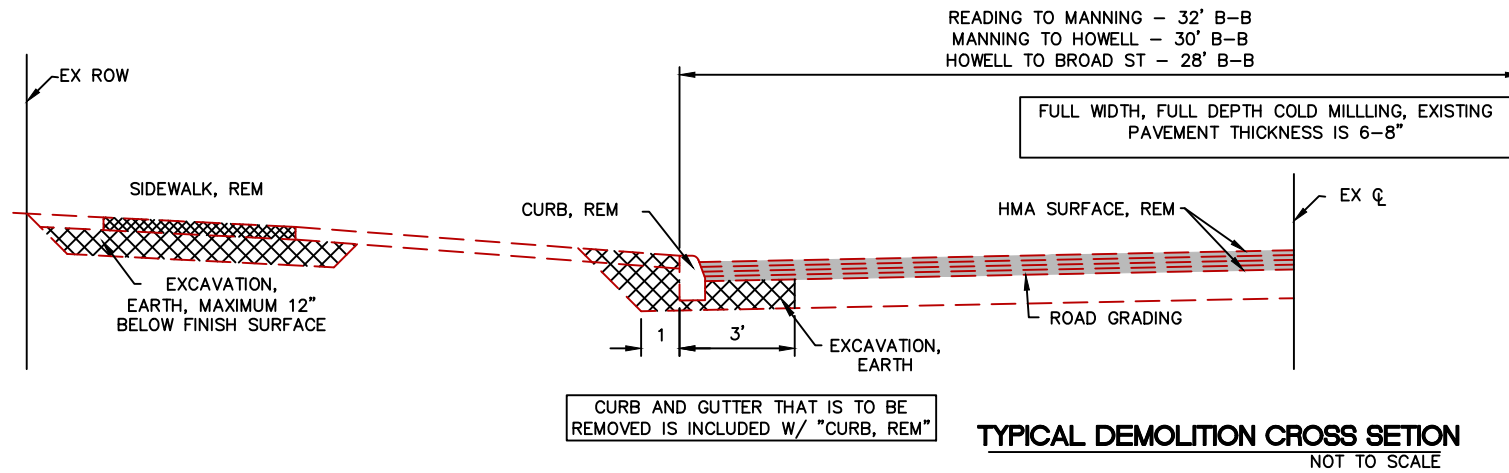
**PAVEMENT
MARKING'S PLAN**

SCALE	NONE	
DESIGNED	NAME	DATE
	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

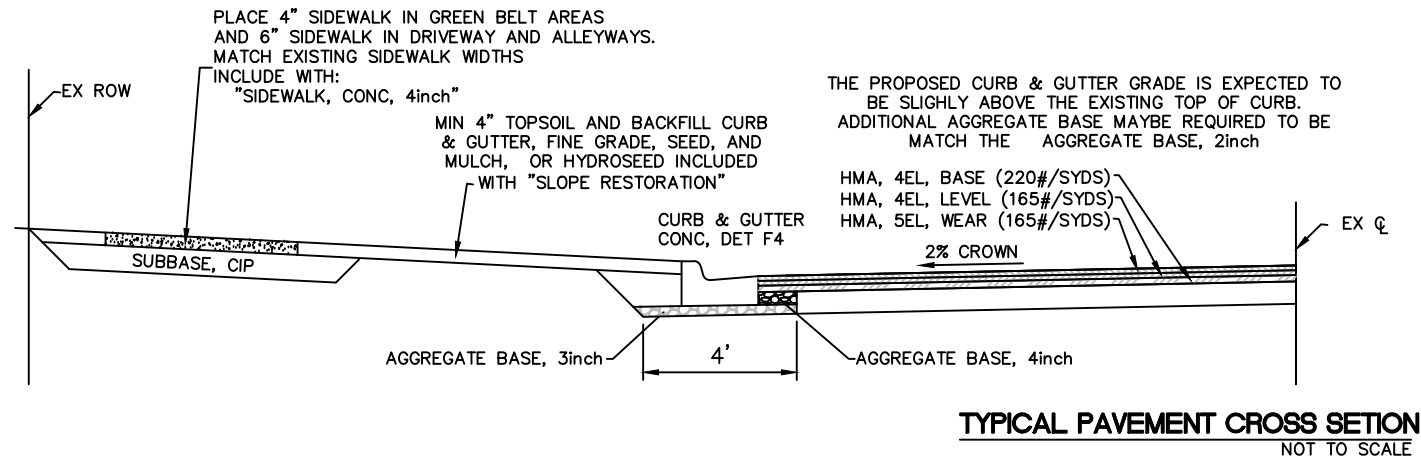
DRAWING NO.
C7

HMA APPLICATION TABLE				
COURSE	TYPE	ITEM	EST. YIELD	BINDER GRADE
①	BASE	4EL	220 LBS/SYD	PG 58-28
②	LEVELING	4EL	165 LBS/SYD	PG 58-28
③	TOP	5EL	165 LBS/SYD	PG 58-28

NOTE: BOND COAT SHALL BE APPLIED BETWEEN SUCCESSIVE COURSES OF HMA (PAYMENT INCLUDED IN HMA MIX). APPLICATION RATE 0.05 - 0.15 GAL/SYD SS-IH, AS DIRECTED BY ENGINEER.



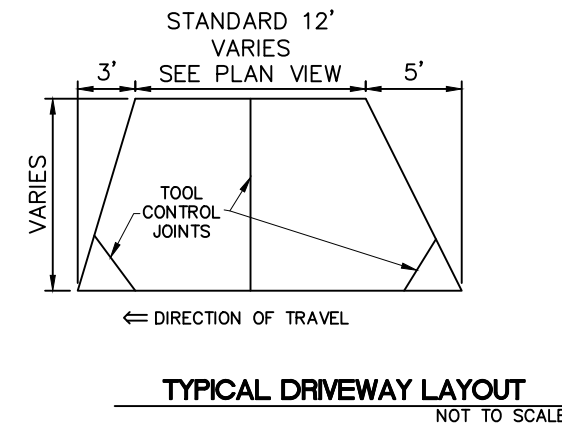
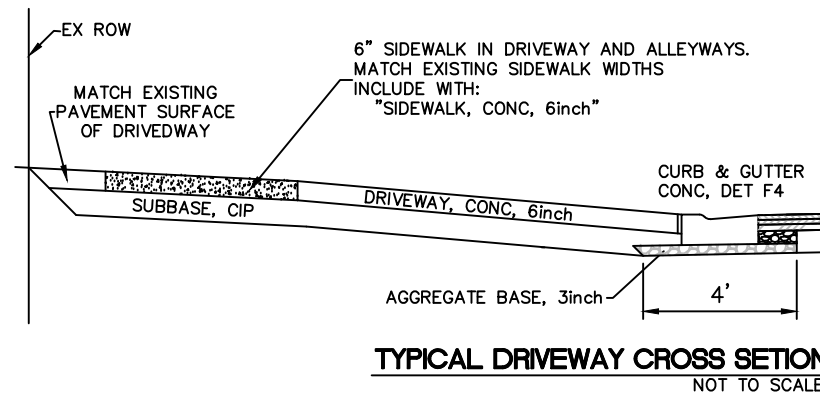
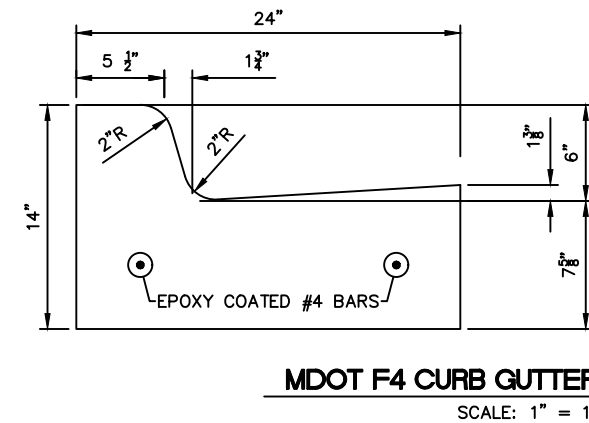
Project Quantities - Totals		
1027051	Above Ground Video	1 LSUM
1100001	Mobilization, Max	1 LSUM
2040021	Curb, Rem	160 Ft
2040050	Pavt, Rem	374 Syd
2040055	Sidewalk, Rem	257 Syd
2040060	Structures, Rem	1 LSUM
2050016	Excavation, Earth	135 Cyd
2057002	Road Grading	18 Sta
2080020	Erosion Control, Inlet Protection, Fabric Drop	20 Ea
3010002	Subbase, CIP	80 Cyd
3020008	Aggregate Base, 3 inch	62 Syd
3020010	Aggregate Base, 4 inch	12 Syd
3020016	Aggregate Base, 6 inch	51 Syd
4030005	Dr Structure Cover, Adj, Case 1	6 Ea
5010005	HMA Surface, Rem	5625 Syd
5010061	HMA Approach	2 Ton
5012014	HMA, 3EMH	680 Ton
5012026	HMA, 4EMH	1020 Ton
8010005	Driveway, Nonreinf Conc, 6 inch	155 Syd
8020004	Curb, Conc, Det E4	146 Ft
8020038	Curb and Gutter, Conc, Det F4	101 Ft
8030010	Detectable Warning Surface	145 Ft
8030044	Sidewalk, Conc, 4 inch	808 Sft
8030046	Sidewalk, Conc, 6 inch	440 Sft
8032001	Curb Ramp, Conc, 4 inch	1775 Sft
8110126	Pavt Mrkg, Regular Dry, 4 inch, Yellow	2930 Ft
8110127	Pavt Mrkg, Regular Dry, 6 inch, White	483 Ft
8117001	Pavt Mrkg, Regular Dry, 24 inch, Stop Bar	132 Ft
8117050	Pavt Mrkg, Regular Dry, School	2 Ea
8127051	Traffic Control	1 LSUM
8167011	Slope Restoration	330 Syd
8230431	Gate Box, Adj, Case 1	1 Ea
8252145	Sanitary Structure Cover, Adj, Case 1	3 Ea



HMA SURFACE, REM
EXISTING HMA DEPTH EXPECTED TO BE 6-8"
REMOVE FULL DEPTH HMA IF HMA DEPTH EXCEEDS 8"
NOTIFY THE REPRESENTATIVE OF THE CITY.

HMA SURFACES LESS THAN 5" THICK THAT ARE TO BE REMOVED TO BE INCLUDED W/ "EXCAVATION, EARTH"

ROAD GRADING
EXCAVATION BELOW 5" OF DEPTH, RE-GRADE AND SHAPE EXISTING AGGREGATE BASE TO A 2% CROWN. CONTRACTOR TO PROVIDE ADDITIONAL MDOT 22A AGGREGATE, IF NECESSARY, AN INFORMATIONAL QUANTITY OF 143 CYDS TO BE INCLUDED W/ "ROAD GRADING". CONTRACTOR RESPONSIBLE FOR OVER EXCAVATION.



**SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST
SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN**

**PAVEMENT
DETAILS**

SCALE	NONE	
	NAME	DATE
DESIGNED	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

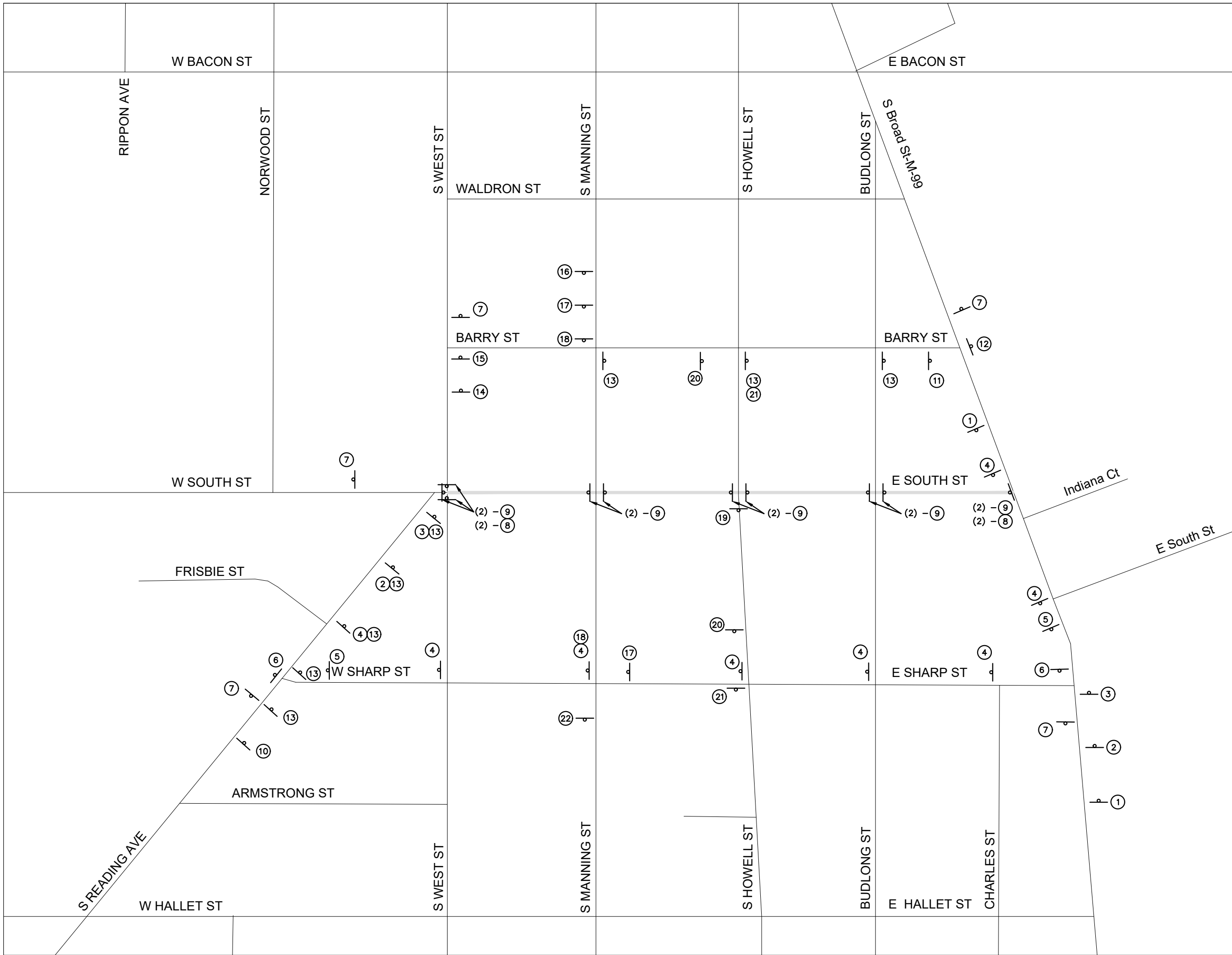
DRAWING NO. **C8**

REVISIONS	DATE
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**SOUTH ST RESURFACING
 READING AVE TO BROAD (M-99) ST**
 SECTION 26 and 27, T6S-R3W
 CITY OF HILLSDALE
 HILLSDALE COUNTY, MICHIGAN
**TRAFFIC CONTROL
 PLAN**

SCALE	NONE	
DESIGNED	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

DRAWING NO.
C9



SIGNING REQUIREMENTS - SOUTH ST				
MAP SYMBOL	SIGN	SIGN DESIGNATION	SIGN	# of LOCATIONS
1		M 3-4 D 3-1 W 20-3	24 x 12 36 x 18 36 x 36 (LIGHTED & FLAGGED)	2
2		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	2
3		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	2
4		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	8
5		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	3
6		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	3
7		D 3-1 M 4-8a	36 x 18 30 x 24	5
8		R 11-2	48 x 30 (LIGHTED & FLAGGED)	8
9		TYPE III BARRICADE	60 x 48 (LIGHTED) DOUBLE SIDED	20

SIGNING REQUIREMENTS - SOUTH ST				
MAP SYMBOL	SIGN	SIGN DESIGNATION	SIGN	# of LOCATIONS
10		M 3-4 D 3-1 W 20-3	24 x 12 36 x 18 36 x 36 (LIGHTED & FLAGGED)	2
11		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	2
12		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	2
13		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	8
14		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	1
15		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	1
CONTRACTOR TO MAKE THEIR OWN DETERMINATION OFF MINOR TRAFIC CONTROLS, TYPE II (CONES) AND PEDESTRAIN BARRIERS. TO BE INCLUDED WITH "MAINTAINING TRAFFIC"				
TEMPORARY SIGNS AND SIGN COVERS ARE TO BE INCLUDED WITH "MAINTAINING TRAFFIC"				

SIGNING REQUIREMENTS - MANNING				
MAP SYMBOL	SIGN	SIGN DESIGNATION	SIGN	# of LOCATIONS
16		M 3-4 D 3-1 W 20-3	24 x 12 36 x 18 36 x 36 (LIGHTED & FLAGGED)	2
17		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	2
18		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	2
19		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	8
20		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	1
21		M 3-4 D 3-1 M 4-9	24 x 12 36 x 18 30 x 24	1
22		D 3-1 M 4-8a	36 x 18 30 x 24	5
CONTRACTOR TO MAKE THEIR OWN DETERMINATION OFF MINOR TRAFIC CONTROLS, TYPE II (CONES) AND PEDESTRAIN BARRIERS. TO BE INCLUDED WITH "MAINTAINING TRAFFIC"				
TEMPORARY SIGNS AND SIGN COVERS ARE TO BE INCLUDED WITH "MAINTAINING TRAFFIC"				

**SOUTH ST RESURFACING
READING AVE TO BROAD (M-99) ST**
 SECTION 26 and 27, T6S-R3W
 CITY OF HILLSDALE
 HILLSDALE COUNTY, MICHIGAN
**TRAFFIC CONTROL PLAN
SIGN DETAILS**

SCALE	NONE	
	NAME	DATE
DESIGNED	RDS	4/6/26
DRAWN	RDS	4/6/25
CHECKED		

DRAWING NO.
C10

MAINTAINING TRAFFIC SCHEDULE

CONTRACTOR IS TO SUBMIT A PROGRESS SCHEDULE PRIOR TO STARTING CONSTRUCTION WITH THE FOLLOWING RESTRICTIONS IN MIND:

HOLIDAYS: CONTRACTOR SHALL OBSERVE THE HOLIDAYS AND HOLIDAY REQUIREMENTS LISTED IN THE MDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION

WORK SHALL BE DONE IN SUCH A MANNER AS TO LIMIT THE IMPACT TO THE TRAFFIC ALONG READING AVE, MANNING ST, HOWELL ST AND M-99 ONCE THE CONTRACTOR COMMENCES WORK, THEY SHALL NOT LEAVE TO COMPLETE WORK IN OTHER AREAS WITHOUT OPENING WEST ST AND MANNING STREET TO TRAFFIC.

DETOUR ROUTE SHALL FOLLOW THE DETAILS SHOWN ON THIS SHEET AND COMPLY WITH MDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, MICHIGAN MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, AND MDOT MAINTAINING TRAFFIC TYPICAL (M0020, WZD-125-E, WZD-100-A)

CONTRACTOR IS TO PROVIDE 2 WEEKS NOTICE THE PROJECT ENGINEER WILL ALSO COORDINATE ACTIVITIES WITH THE LOCAL BUSINESSES, TRUCKING COMPANIES, AND EMERGENCY SERVICES REGARDING STREET CLOSURES AND TRUCKING ROUTES.

SIGN COVERS SHALL BE INSTALLED OVER SIGNS DURING PERIODS WHEN WORK IS NOT BEING COMPLETED BUT THE ROADWAY IS OPEN TO TRAFFIC. THESE TIMES MAY INCLUDE THE PERIOD OF TIME BETWEEN WHEN THE TEMPORARY SIGNS ARE PLACED AND START OF CONSTRUCTION, AND BETWEEN THE END OF CONSTRUCTION AND REMOVAL OF THE TEMPORARY SIGNS. INCLUDED WITH "SIGN COVER"

FURNISHING, INSTALLING, MAINTAINING, RELOCATING, AND REMOVING ALL TRAFFIC CONES AND OTHER TRAFFIC DEVICES NOT IDENTIFIED ON THE PLANS OR IN THE PROPOSAL WILL BE PAID FOR AS "MINOR TRAF DEVICES" AND SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 812.04.F OF THE MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION

M3-4 SIGNS REPRESENT THE DIRECTION OF TRAVEL - EXAMPLE REPRESENTS WEST BOUND TRAFFIC

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SECTION 26 and 27, T6S-R3W
CITY OF HILLSDALE
HILLSDALE COUNTY, MICHIGAN

**NOTE
SHEET**

SCALE	NONE	
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CHECKED		

DRAWING NO.
C11

CONSTRUCTION NOTES (APPLICABLE TO ALL SHEETS, AS NEEDED):

SOIL EROSION CONTROL MEASURES

TO PROTECT SLOPES AND DITCHES, SOD OR SEED/MULCH SHOULD BE PLACED AS SOON AS POSSIBLE AND AS DIRECTED BY THE ENGINEER. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE UTILIZED DURING CONSTRUCTION IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND AS NECESSARY TO CONTROL SOIL EROSION AND SEDIMENTATION AND AS DIRECTED BY THE ENGINEER.

PLAN ELEVATIONS

ELEVATIONS IN THESE PLANS ARE BASED ON USGS DATUM.

UNDERGROUND UTILITIES

FOR PROTECTION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL DIAL 1-800-482-7171 A MINIMUM OF THREE WORKING DAYS EXCLUDING SATURDAYS, SUNDAYS & HOLIDAYS PRIOR TO EXCAVATING IN THE VICINITY OF UTILITY LINES. ALL "MISS DIG" PARTICIPATING MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING THE UTILITY OWNERS WHO MAY NOT BE PART OF THE "MISS DIG" ALERT SYSTEM.

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 THE PROJECT.

ADJUSTMENT OF CATCH BASINS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO PLACE THE LOCATION AND ELEVATION OF ALL CATCH BASIN CASTINGS PROPERLY ALIGNED WITH THE PROPOSED CURB. ADJUSTMENT OF CASTINGS ON NEW STRUCTURES IS INCLUDED IN PAYMENT FOR THE DRAINAGE STRUCTURE COVER SPECIFIED. ADJUSTMENT OF CASTINGS ON EXISTING STRUCTURES WILL BE PAID AS DR STRUCTURE COVER, ADJ, CASE 1. THESE ITEMS INCLUDE ALL BLOCK OR GRADE RINGS NECESSARY FOR PROPER ADJUSTMENT.

PROPERTY CORNER PRESENTATION

CONTRACTOR SHALL TAKE CARE TO ENSURE THAT PROPERTY CORNERS BEHIND THE SIDEWALKS SCHEDULED FOR REMOVAL AND REPLACEMENT ARE NOT DISTURBED.

SALVAGE

THE CITY RESERVES THE RIGHT TO SALVAGE ALL EXISTING MATERIALS (CASTINGS, HYDRANTS, SIGNS, ETC). MATERIALS DESIRED TO BE SALVAGED SHALL BE STOCKPILED WITHIN THE PROJECT LIMITS FOR THE CITY TO PICK UP. ITEMS THAT THE CITY DECIDES NOT TO SALVAGE BECOME PROPERTY OF THE CONTRACTOR.

CURB DIMENSIONS

ALL CURB DIMENSIONS SHALL BE FROM BACK OF CURB UNLESS OTHERWISE INDICATED

LAWN SPRINKLER SYSTEMS AND LANDSCAPING

OWNERS OF EXISTING LAWN SPRINKLER SYSTEMS AND/OR LANDSCAPING SHALL BE NOTIFIED (IN WRITING WITH A COPY SEND TO THE ENGINEER) BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF ANY WORK TO BE DONE THAT WILL AFFECT THOSE SYSTEMS AND/OR LANDSCAPING. IF THE PROPERTY OWNER FAILS TO RELOCATE THE LAWN SPRINKLER SYSTEM PRIOR TO THE CONTRACTOR BEGINNING WORK, AND IF THE CONTRACTOR CUTS CUTS THE SYSTEM DURING THE CONSTRUCTION, THE CONTRACTOR SHALL CAP THE SYSTEM PIPE AND WITNESS THE LOCATION OF THE CAP WITH A WOODEN STAKE FOR THE PROPERTY OWNERS USE. THE CONTRACTOR SHALL PLACE THE SALVAGED SPRINKLER HEADS ON THE PROPERTY OWNERS PROPERTY. IF THE PROPERTY OWNER FAILS TO RELOCATE THE LANDSCAPING PRIOR TO THE CONTRACTOR BEGINNING WORK, THE CONTRACTOR SHALL CAREFULLY SALVAGE THE LANDSCAPING ITEMS AND STOCKPILE THEM ON THE PROPERTY OWNERS PROPERTY FOR THE PROPERTY OWNER. ANY OTHER MODIFICATION TO THE LAWN SPRINKLER SYSTEMS AND/OR LANDSCAPING, IS THE RESPONSIBILITY OF THE OWNER AND IS NOT PART OF THE CONTRACT. THIS WORK IS INCLUDED IN OTHER ITEMS OF THE PROJECT.

CONCRETE WORK

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF PLANS TO POUR CONCRETE A MINIMUM OF 24 HOURS BEFORE THE POUR. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF TWO HOURS BETWEEN FORMING A SECTION OF FLAT WORK AND POURING THE SECTION TO ALLOW FOR INSPECTION OF THE GRADES, GRADING, AND SUB-BASE. FAILURE TO PROVIDE NOTICE AND TIME FOR INSPECTION WILL BE CONSIDERED CAUSE TO REJECT THE PRODUCT OR CAUSE TO REQUIRE RESCHEDULING OF THE WORK, WITH NO ADJUSTMENTS TO THE COMPLETION DATES.

SUBBASE (CIP)

WHEN THE NATURAL MATERIAL MEETING SUBBASE REQUIREMENTS IS LEFT IN PLACE, IT WILL NOT BE PAID FOR. THE GRADING AND COMPACTIVE WORK REQUIRED SHALL BE INCLUDED IN COMPENSATION FOR THE ROADWAY GRADING. EXCAVATION FOR INSTALLATION OF NEW SAND SUBBASE, IF REQUIRED, IS TO BE INCLUDED IN SUBBASE (CIP).

DRIVEWAYS

EXISTING DRIVEWAYS SHALL BE REMOVED WHERE NECESSARY, WHERE SHOWN ON PLANS OR DIRECTED BY ENGINEER, AND SHALL BE PAID FOR AS PAVT, REM. GRADING AND PREPARATION FOR NEW DRIVEWAY SHALL BE INCLUDED IN ROADWAY GRADING. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS DURING CONSTRUCTION INCLUDED IN ROADWAY GRADING.

NOTICE TO RESIDENTS

THE CONTRACTOR SHALL NOTIFY RESIDENTS 24 HOURS IN ADVANCE OF DISRUPTION TO SERVICE, SUCH AS DRIVEWAY CLOSING OR UTILITY SERVICE.

RELOCATION OF GUY ANCHORS

CITY OF HILLSDALE B.P.U. GUY ANCHOR RELOCATIONS WILL BE RELOCATED BY THE UTILITY COMPANY THROUGHOUT THE PROJECT TO A LOCATION DETERMINED IN THE FIELD ALLOWING NEW SEWER CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION ACTIVITIES WITH THE GUY ANCHOR RELOCATIONS.

SAW CUTTING

SAW CUTTING OF EXISTING PAVEMENT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM BEING REMOVED.

SAWCUTTING PAVEMENT

SAWCUTTING EXISTING PAVEMENT AT REMOVAL LIMITS WHERE INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN ROADWAY GRADING.

ROADWAY GRADING

ROADWAY GRADING SHALL INCLUDE REMOVAL OF ALL BASE MATERIALS REGARDLESS OF THICKNESS TO A DEPTH SUFFICIENT TO INSTALL THE REQUIRED NEW SUBBASE AND BASE DEPTHS. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC AT ALL TIMES TO ALLOW EMERGENCY VEHICLE ACCESS AND FOR ACCESS TO LOCAL BUSINESSES AND RESIDENCES.

CURB AND GUTTER

PLACEMENT OF AND PAYMENT FOR CONCRETE CURB AND GUTTER INCLUDES PLACING REBAR DOWELS EPOXY ANCHORED INTO EXISTING CURB AND GUTTER AT POINTS OF CONNECTION IN ACCORDANCE WITH MDDT STANDARD PLAN R-30-G.

SURFACE RESTORATION

AREAS DISTURBED BY CONSTRUCTION, SURFACE SHALL BE GRADED SMOOTH AND RESTORED WITH 4" OF NEW TOPSOIL, HYDROSEEDDED, FERTILIZED, MULCHED, AND ANCHORING MULCHED. SLOPES OF 1:2 OR STEEPER SHALL RECEIVE SLOPE RESTORATION PEGGED IN PLACE. AREAS BETWEEN THE CURB AND SIDEWALK SHALL BE FILLED AND GRADED SMOOTH AND RESTORED AS NOTED ABOVE. RESTORATION SHALL BE FROM BACK OF CURB TO RIGHT OF WAY AS DIRECTED BY ENGINEER. RESTORATION OF DISTURBED AREAS OUTSIDE OF THE STREET RIGHT-OF-WAY WILL NOT BE PAID FOR SEPARATELY UNLESS SHOWN ON THE PLANS OR AS DIRECTED BY ENGINEER. SURFACE RESTORATION WILL BE PAID FOR AS SLOPE RESTORATION.

MAINTAINING TRAFFIC

CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL RESIDENTS AND EMERGENCY VEHICLES DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE TEMPORARY AGGREGATE AT DRIVEWAYS AS NECESSARY TO MAINTAIN ACCESS. TEMPORARY GRAVEL INCLUDED IN ROADWAY GRADING.

WATER SERVICES

CITY OF HILLSDALE BPU OR THEIR CONTRACTOR WILL REPLACE ALL REQUIRED WATER SERVICES IN THE PROJECT AREA DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE CITY OF HILLSDALE.

ADJUSTMENT OF SANITARY SEWER STRUCTURES: IT IS THE CONTRACTOR'S RESPONSIBILITY TO PLACE THE LOCATION AND ELEVATION OF ALL CASTINGS TO BE PROPERLY ALIGNED WITH THE FINISH GRADE. SANITARY CASTING THAT DO NOT PROVIDE AN OPENING OF 24", ARE TO BE REPLACED WITH MDDT COVER "B", AND INCLUDED IN THE COST OF THE ADJUSTMENT. ADJUSTMENT OF CASTINGS ON EXISTING STRUCTURES WILL BE PAID AS SANITARY STRUCTURE COVER, ADJ, CASE 1 OR 2. THESE ITEMS INCLUDE ALL CASTINGS, BLOCK OR ADJUSTING RINGS AS NECESSARY FOR PROPER ADJUSTMENT.

ADJUSTMENT OF GATE BOXES AND WATER SHUTOFF BOXES: IT IS THE CONTRACTOR'S RESPONSIBILITY TO PLACE THE LOCATION AND ELEVATION OF ALL GATE BOXES AND WATER SHUTOFF BOXES TO BE PROPERLY ALIGNED WITH THE FINISH GRADE. ADJUST OF CASTINGS ON EXISTING GATE BOXES WILL BE PAID AS GATE BOX, ADJ, CASE 1 OR 2. THESE ITEMS INCLUDE ALL ADJUSTING RINGS AS NECESSARY FOR PROPERT ADJUSTMENT

PUBLIC UTILITIES: THE EXISTING UTILITIES LISTED BELOW AND SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE. THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THEIR ACCURACY OR THE RESPONSIBILITY IN CASE UTILITIES HAVE BEEN REMOVED OR CONSTRUCTED.

GAS:	MICHIGAN GAS UTILITY 70 SAUK RIVER DRIVE COLDWATER, MI 49036 P - 517-781-0511	ELECTRIC:	CITY OF HILLSDALE BPU 45 MONROE STREET HILLSDALE, MI 49242 P - 517-437-6417
ATTN:	DONALD SEEKMAN donald.seekman@michiganasutilities.com	ATTN:	DAVID MACKIE

CABLE TELEVISION:	COMCAST 25626 TELEGRAPH RD. SOUTHFIELD, MI 48034 P - 734-359-1669	TELEPHONE:	AT&T 1041 HURST ROAD JACKSON, MI 49201 P - 517-750-0660
ATTN:	JEFF DOBIES	ATTN:	KAREN TRUDGEN karen.m.trudgen@att.com

WATER/SEWER:	CITY OF HILLSDALE BPU 45 MONROE STREET HILLSDALE, MI 49242 P - 517-437-6412	PUBLIC WORKS:	CITY OF HILLSDALE 149 WATER WORKS AVE HILLSDALE, MI 49242 517-437-6491
ATTN:	CRAIG WICKHAM cwickham@cityofhillsdale.com	ATTN:	JASON BLAKE jblake@cityofhillsdale.org

THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATION AND DEPTH OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONFLICTS IN GRADE SHALL BE REPORTS TO THE CITY ENGINEER AND ADJUSTMENTS MADE AT NO ADDITIONAL COST TO THE OWNER.

LEGEND	
	MONUMENT / SECTION CORNER
	FOUND PROPERTY IRON
	SECTION LINE
	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY LINE
	EXISTING EASEMENT LINE
	EXISTING CENTERLINE
	EXISTING DITCH CENTERLINE
	EXISTING SWALE CENTERLINE
	EXISTING DECORATIVE FENCE
	EXISTING FENCE LINE/CHAINLINK
	EXISTING CONTOURS
	BOLLARD / POST
	EXISTING SIGN
	UTILITY POWER POLE
	GUY WIRE
	EXISTING LIGHT POLES/STREET LIGHTS
	UNDERGROUND ELECTRIC LINE
	OVERHEAD ELECTRICAL WIRES
	UNDERGROUND GAS LINE
	UNDERGROUND TELEPHONE LINE
	TELEPHONE RISER
	EXISTING DECIDUOUS TREES
	EXISTING CONIFEROUS TREES
	EXISTING SANITARY MANHOLE
	SANITARY CLEAN-OUT
	EXISTING SANITARY SEWER
	EXISTING STORM MANHOLE
	EXISTING CURB CATCHBASIN
	EXISTING MANHOLE/CATCHBASIN
	EXISTING STORM SEWER
	EXISTING HYDRANT
	EXISTING VALVE / CURB STOP
	EXISTING WATERMAIN
	EXISTING CURB & GUTTER
	EXISTING HMA/BIT SURFACE
	EXISTING CONCRETE SURFACE
	EXISTING GRAVEL SURFACE
	EXISTING SIDEWALK
	EXISTING TRAFFIC ARROWS
	SOIL BORING
	FLAGPOLE
	HANDICAP PARKING SYMBOL

LEGEND - PROPOSED FEATURES	
	PROPOSED SANITARY SEWER
	PROPOSED MANHOLE
	SANITARY CLEAN-OUT
	PROPOSED STORM SEWER
	PROPOSED CURB CATCHBASIN
	PROPOSED MANHOLE/CATCHBASIN
	PROPOSED MANHOLE
	PROPOSED WATERMAIN
	PROPOSED HYDRANT
	PROPOSED VALVE & SHUT OFF
	UNDERGROUND ELECTRIC LINE
	OVERHEAD ELECTRICAL WIRES
	PROPOSED LIGHT POLES
	PROPOSED CURB & GUTTER
	PROPOSED HMA/BIT SURFACE
	EXISTING CONCRETE SURFACE
	EXISTING GRAVEL SURFACE
	EXISTING SIDEWALK
	PROPOSED FLOW ARROW
	PROPOSED CONTOURS
	PROPOSED MODIFIED CURB AND GUTTER



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