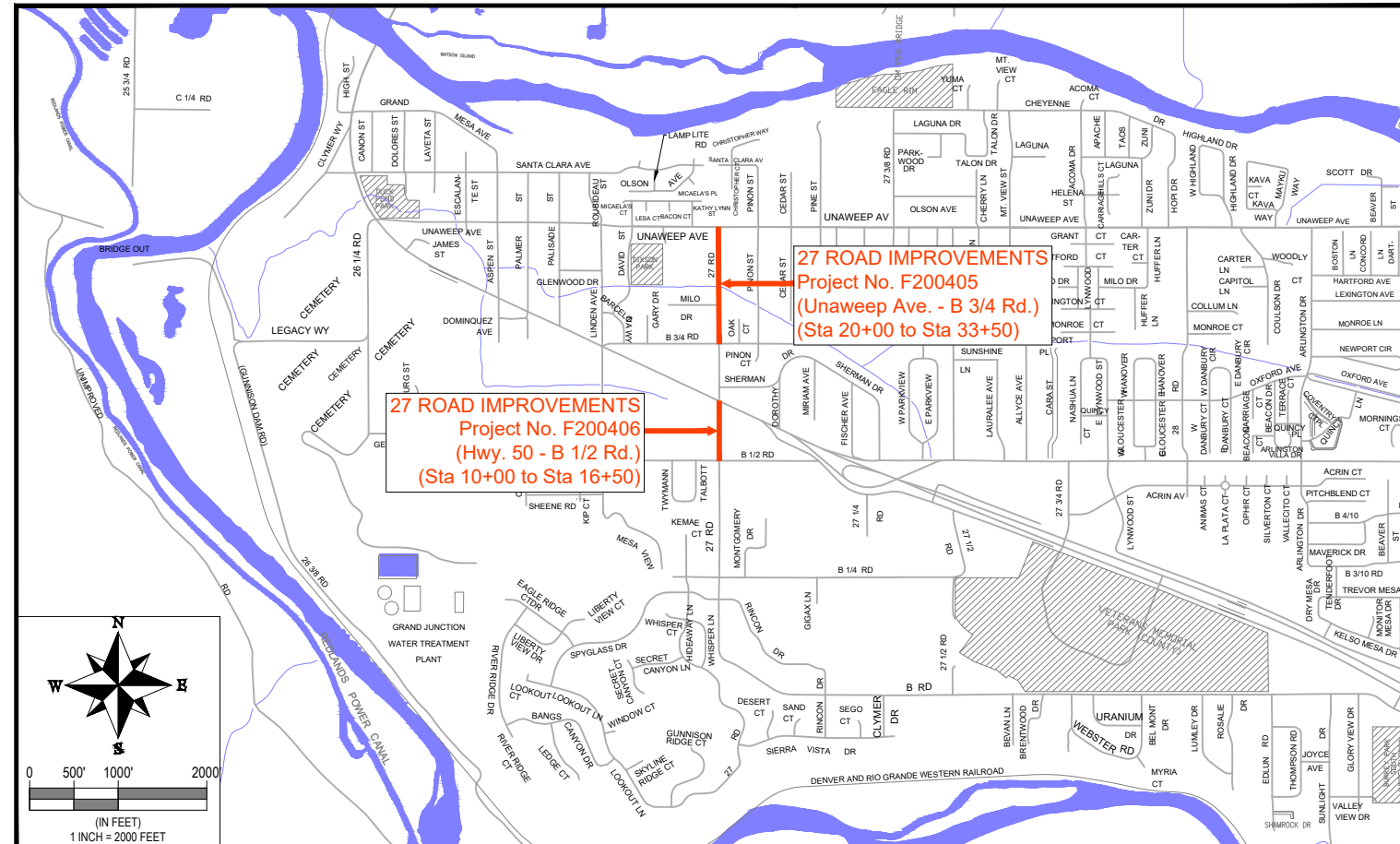


SAFE ROUTES TO SCHOOL 27 ROAD IMPROVEMENTS

(Unaweep Avenue - B 3/4 Road) / (Highway 50 - B 1/2 Road)

Index of Sheets (Unaweep Ave - B 3/4 Road)

- 1 – PROJECT COVER SHEET
- 2 – STANDARD ABBREVIATIONS, LEGEND & SYMBOLS
- 3 – SUMMARY OF APPROXIMATE QUANTITIES
- 5-8 – ROADWAY DETAILS & ROADWAY SECTIONS
- 9A – PROJECT PARCEL MAP
- 17-18 – REMOVAL PLANS
- 19-20 – IMPROVEMENT PLANS
- 21-22 – PAVEMENT MARKINGS PLANS
- 23 – STORM SEWER PLAN & PROFILE
- 24-25 – STAKING PLANS
- 26-27 – CL ROADWAY PROFILE
- 28-31 – CROSS SECTIONS



Index of Sheets (Highway 50 - B 1/2 Road)

- 1 – PROJECT COVER SHEET
- 2 – STANDARD ABBREVIATIONS, LEGEND & SYMBOLS
- 3 – SUMMARY OF APPROXIMATE QUANTITIES
- 4 – ROADWAY DETAILS & SIDEWALK SECTIONS
- 9 – PROJECT PARCEL MAP
- 10 – REMOVAL PLAN
- 11 – IMPROVEMENT PLAN
- 12 – PAVEMENT MARKINGS PLAN
- 13 – STAKING PLANS
- 14 – EDGE OF PAVEMENT PROFILE
- 15-16 – CROSS SECTIONS

PROJECT VICINITY MAP

UTILITY PROVIDER INFORMATION

AGENCY	NAME	POSITION	ROLE	MAILING ADDRESS	STREET ADDRESS	CITY, STATE, ZIP	VOICE-WORK	FAX NO.
CITY OF GRAND JUNCTION	LISA FROSHAUG	PROJECT ENGINEER	PROJECT MANAGER	244 NORTH 7TH STREET	244 NORTH 7TH STREET	GRAND JUNCTION, CO. 81501	(970) 244-1592	(970) 256-4022
CITY OF GRAND JUNCTION	TOBY THIEMAN	PROJECT MANAGER	SANITARY SEWER	244 NORTH 7TH STREET	244 NORTH 7TH STREET	GRAND JUNCTION, CO. 81501	(970) 244-1559	(970) 256-4022
ORCHARD MESA IRRIGATION	MAX SCHMIDT	MANAGER	IRRIGATION	668 38 ROAD	668 38 ROAD	PALISADE, CO. 81526	(970) 464-7885	(970) 464-5928
SPECTRUM	JEFF VALDEZ	MANAGER	CABLE TV	2502 FORESIGHT CIRCLE	2502 FORESIGHT CIRCLE	GRAND JUNCTION, CO. 81504	(970) 245-8750	(970) 245-6803
CENTURYLINK	CHRIS JOHNSON	ENGINEER	TELEPHONE	2524 BLICHMANN AVENUE	2524 BLICHMANN AVENUE	GRAND JUNCTION, CO. 81504	(970) 244-4311	(970) 240-4349
UTE WATER	JUSTIN BATES	SUPERVISOR	WATER	P.O. BOX 460	2190 H 1/4 ROAD	GRAND JUNCTION, CO. 81502	(970) 242-7491	(970) 242-9189
XCEL	STEVE PIBURN	UNIT MANAGER	ELECTRIC	2538 BLICHMANN AVENUE	2538 BLICHMANN AVENUE	GRAND JUNCTION, CO. 81506	(970) 244-2664	(970) 244-2664
XCEL	SARAH DARRICAU	UNIT MANAGER	GAS	2538 BLICHMANN AVENUE	2538 BLICHMANN AVENUE	GRAND JUNCTION, CO. 81506	(970) 244-2656	(970) 244-2656

REVISION	DESCRIPTION	DATE
REVISION Δ		
REVISION Δ		
REVISION Δ		
REVISION Δ		

PROJECT_NO. F200405/F200406
 UTILITIES NOTE:
 NOTIFY AFFECTED UTILITY PROVIDERS A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATIONS EXPOSING UTILITY LINES. SEE LISTING OF UTILITY PROVIDERS IN THE PROJECT AREAS, & THE RESPONSIBLE PERSONNEL AND CONTACT INFORMATION HEREON.



ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street – Grand Junction, CO. 81501

DRAWING STATUS:
 PROGRESS SET: Date: _____
 FOR BID CONSTRUCTION DRAWINGS: Date: MARCH 29, 2024
 AS-BUILT DRAWINGS: Date: _____

SUMMARY OF APPROXIMATE QUANTITIES

Item No.	CDOT, City Ref.	Description	Quantity	Units
1	108.2	8" Storm Pipe (PVC SDR21)	8.0	LF
2	108.2	12" Storm Pipe (HDPE)	18.0	LF
3	108.2	12" Storm Pipe (RCP Class 3)	320.0	LF
4	108.5	Single Storm Drain Inlet (Vertical Curb) (24"x36") City of Grand Junction Std. Detail D-07	4.0	EA
5	108.2	Connection to Existing 8" Irrigation Line (Tee 8"x8"x8" - PVC SDR21)	1.0	EA
6	108.2	Connection to Existing 48" HDPE Culvert	1.0	EA
7	108.2	Adjust Existing Irrigation Structures (Provide ADA Compliant Cover & Frame.) (Adjust to Match New Sidewalk Elevations.)	2.0	EA
8	108.2	Adjust Catch Basin Frame & Grate (Includes Elevation Adjustments)	1.0	EA
9	202	Removal of Asphalt Mat (Full Depth)	3,933.0	SY
10	202	Removal of Asphalt Mat (Planing)	2,745.0	SY
11	202	Remove Existing Concrete (Includes Curb & Gutter, Sidewalk & Pavement)	130.0	SY
12	202	Remove Existing Curb Storm Inlet (Remove Frame, Grate & Structure Complete)	1.0	EA
13	202	Remove Storm Inlet (Remove Frame, Grate & Structure Complete)	1.0	EA
14	202	Removal of Existing Landscape Borders (Includes Concrete Curbing, Ground Cover & Underlying Barrier)	526.0	SF
15	202	Removal of Existing Shrubs	1.0	LS
16	202	Clear & Grub Existing Vegetation from Fence Line	1.0	LS
17	203	Unclassified Excavation	1,780.0	CY
18	203	Unclassified Embankment	176.0	CY
19	203	Muck Excavation (Subgrade Stabilization as directed by Project Engineer)	446.0	CY
20	208	Storm Drain Inlet Protection (Type II)	5.0	EA
21	208	Concrete Washout Facility	1.0	EA
22	210	Remove & Reset Fence	237.0	LF
23	210	Remove & Reset Mailbox	5.0	EA
24	210	Reset Sign	2.0	EA
25	210	Reset Water Meter	2.0	EA
26	210	Reset Water Valve	5.0	EA
27	210	Reset Sanitary Sewer Frame & Lid	2.0	EA
28	212	Landscape Rock (1" Min. Size) (4" Thick)	195.0	SY
29	304	Class 3 Aggregate Base Course (Subgrade Stabilization as directed by Project Engineer)	549.0	TON
30	304	Class 6 Aggregate Base Course (Areas below HMA)	2,336.0	TON
31	306	Reconditioning (6" Deep) (Below HMA)	1,556.0	SY
32	306	Reconditioning (12" Depth) (Areas below C-02 & C-11)	521.0	SY
33	401	Hot Mix Asphalt (5" Thick) (Grading SX, 75 Binder Grade, PG 64-22) (One (1) - 3" Lift & One (1) - 2" Lift)	1,008.0	TON
34	401	Hot Mix Asphalt (2" & Variable Thickness) (Grading SX, 75 Binder Grade, PG -22) (One (1) - 2" Lift)	302.0	TON
35	420	Geotextile Separator (CI 2) (Subgrade Stabilization as directed by Project Engineer)	840.0	SY

36	608	Monolithic Concrete Barrier Curb - (6" W x 18" D)	1,828.0	LF
37	608	Concrete Curb Ramp (Type 2) (Small Radius with Vertical Curb) (15' Radius) for crossings in one direction. Per CDOT Std. Plan No. M-608-1 (Std. Sht. 5)	30.7	SY
38	608	Concrete Curb Ramp (Type 2) (Large Radius with Vertical Curb) (20' Radius) (Per CDOT Std. Plan No. M-608-1, Std. Sht. 5)	9.0	SY
39	608	Monolithic Vertical Concrete Curb, Gutter & Sidewalk (City of Grand Junction Std. C-02)	1,220.0	SY
40	608	Driveway - Monolithic Vertical Concrete Curb, Gutter & Sidewalk (8" Thick) (Commercial Driveway / Alley) (City of Grand Junction Std. C-08 & C-11)	183.0	SY
41	608	Concrete Pavement (Class GV-B) (8" Thick) (Commercial Driveways/Alley behind Sidewalk)	155.0	SY
42	608	Concrete Sidewalk (4" Thick) (Replacement Sidewalk East Entrance - Crosspoint)	192.0	SY
43	608	Detectable Warnings (Per CDOT M&S Std. Plan M-608-1, Sht. 9)	6.0	EA
44	614	W11-2 Pedestrian Sign (Include 10' 3# Channel Post & Installation Hardware)	1.0	EA
45	614	W11-2 Pedestrian Sign / W16-9P Ahead Sign (Include 14' 3# Channel Post & Installation Hardware)	4.0	EA
46	614	R1-1 Stop Sign / W11-2 Pedestrian Sign / W16-7P Downward Directional Arrow Sign (Include 14' 3# Channel Post & Installation Hardware)	3.0	EA
47	614	W11-2 Pedestrian Sign / W16-7P Downward Directional Arrow Sign (Include 14' 3# Channel Post & Installation Hardware)	1.0	EA
48	614	R1-1 Stop Sign (Include 10' 3# Channel Post & Installation Hardware) (Commercial Driveway / Alley)	3.0	EA
49	614	W11-1 Bicycle Sign (Include 10' 3# Channel Post & Installation Hardware)	4.0	EA
50	614	R5-1 Do Not Enter Sign (Include 10' 3# Channel Post & Installation Hardware)	4.0	EA
51	614	R1-1 Stop Sign / MUTCD S1-1 School Zone Sign / W16-7P Downward Directional Arrow Sign (Include 14' 3# Channel Post & Installation Hardware)	1.0	EA
52	614	MUTCD S1-1 School Zone Sign / W16-7P Downward Directional Arrow Sign (Include 14' 3# Channel Post & Installation Hardware)	1.0	EA
53	614	MUTCD S1-1 School Zone Sign / W16-9P Ahead Sign (Include 14' 3# Channel Post & Installation Hardware)	2.0	EA
54	620	Sanitary Facility	1.0	EA
55	625	Construction Surveying (Includes As-Built Drawings)	1.0	LS
56	626	Mobilization	1.0	LS
57	627	Pavement Marking Paint - 3" Wide White Solid Line (Parking Lot Islands) (Includes removal of existing striping as directed by Project Engineer)	412.0	LF
58	627	Pavement Marking Paint - White Directional Arrow Symbol (Parking Lot)	6.0	EA
59	627	Preformed Thermoplastic Pavement Marking - White Left Turn Arrow Symbol	6.0	EA
60	627	Preformed Thermoplastic Pavement Marking - Bike Lane Symbol	6.0	EA
61	627	Pre-Formed Thermoplastic - 12" Wide White Stopbar Marking	19.0	SF
62	627	Pre-Formed Thermoplastic - 24" Wide White Crosswalk Marking	630.0	SF
63	630	Traffic Control (Complete in Place)	1.0	LS

EARTHWORK QUANTITY SUMMARY (For Information Only)	
TOTAL UNCLASSIFIED EXCAVATION	1,780 CU YDS
TOTAL EMBANKMENT (Embankment Compaction Factor = 1.15)	176 CU YDS
EXCESS MATERIALS BALANCE (Materials to be hauled off-site by contractor)	1,604 CU YDS

QUANTITY CALCULATIONS NOTE:

FOR THE TABULATION OF APPROXIMATE QUANTITIES, THE FOLLOWING RATES OF APPLICATION WERE USED:

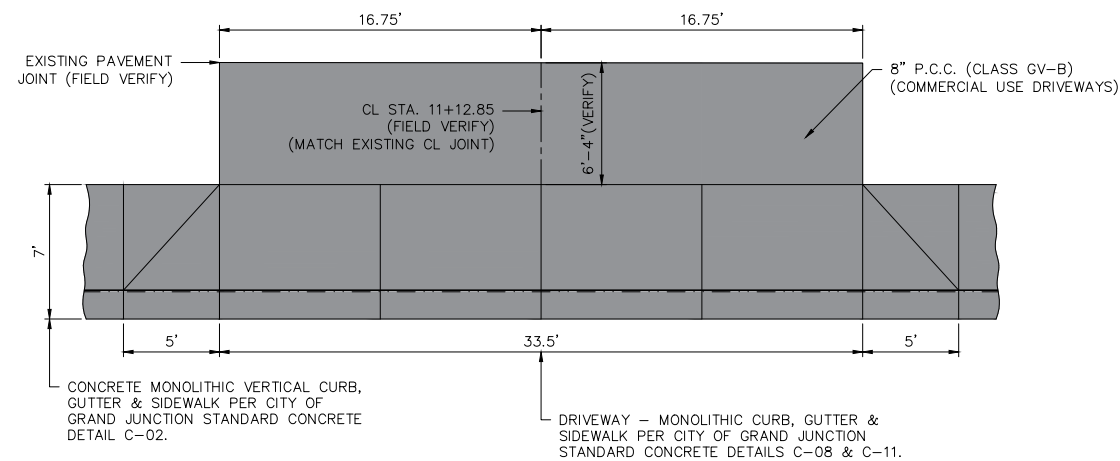
HOT MIX ASPHALT (GRADING SX)	110 LBS / SQ YD / INCH
AGGREGATE BASE COURSE (CLASS 3)	133 LBS / CU FT
AGGREGATE BASE COURSE (CLASS 6)	133 LBS / CU FT

REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406	SCALES:
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REVISION Δ XXX		- 202X	DESIGNED BY: NCW DATE 03/2024	
REVISION Δ XXX		- 202X	CHECKED BY: LMF DATE 03/2024	
REVISION Δ XXX		- 202X	APPROVED BY: KAH DATE 03/2024	

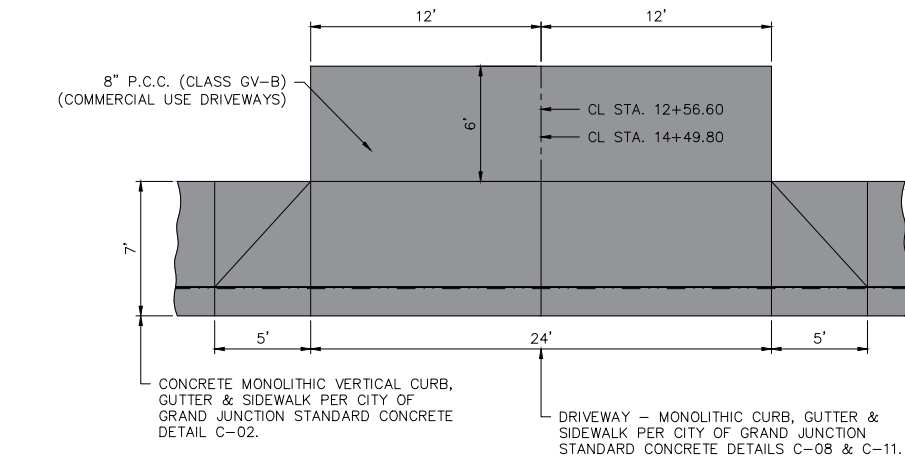


SUMMARY OF APPROXIMATE QUANTITIES
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 (Unaweeep Avenue - B 3/4 Road)(Hwy 50 - B 1/2 Road)

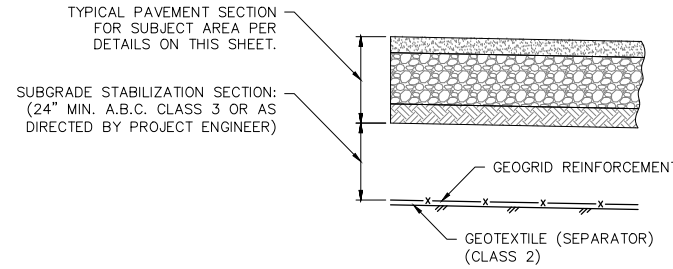
N:\EngProj\F200405-406 SRTS 27 ROAD (South of Unaweeep)\South of Hwy 50\60CAD\ODESIGN\Cover-Legend-Quantities.dwg - PLOTTED 3/27/2024 4:10:43 PM



CONCRETE DRIVEWAY DETAIL
CL DRIVEWAY - STA. 11+12.85
(ORCHARD MESA PERSIGO ACCESS)



CONCRETE DRIVEWAY DETAIL
CL DRIVEWAY - STA. 12+56.60
CL DRIVEWAY - STA. 14+49.80
(SOUTH / NORTH ACCESS - CROSSPOINT CHURCH)



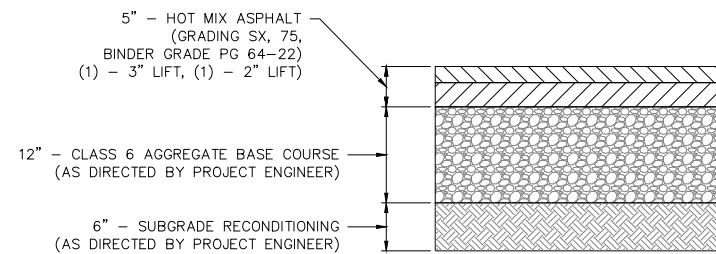
SUBGRADE STABILIZATION DETAIL
(FOR UNSTABLE AREAS AS DIRECTED BY PROJECT ENGINEER)

NOTE:
CONTRACTOR SHALL ACCOUNT FOR UP TO 25% OF THE TOTAL ROADWAY RECONSTRUCTION IN THE AREAS REQUIRING SUBGRADE STABILIZATION (BASE COURSE & SURFACING AREAS), AS SHOWN ON THE "SUBGRADE STABILIZATION DETAIL" WHEN PREPARING THE PROJECT CONSTRUCTION SCHEDULE.

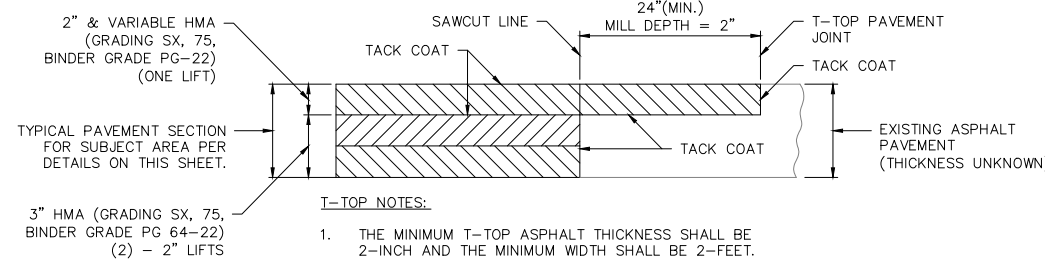
NO ADJUSTMENT IN ALLOWABLE WORKING TIME WILL BE CONSIDERED IF THE AMOUNT OF SUBGRADE STABILIZATION IS LESS THAN 25% OF THE TOTAL ROADWAY RECONSTRUCTION AREA.

THE WORK FOR SUBGRADE STABILIZATION WILL BE PAID FOR SEPARATELY AS FOLLOWS:

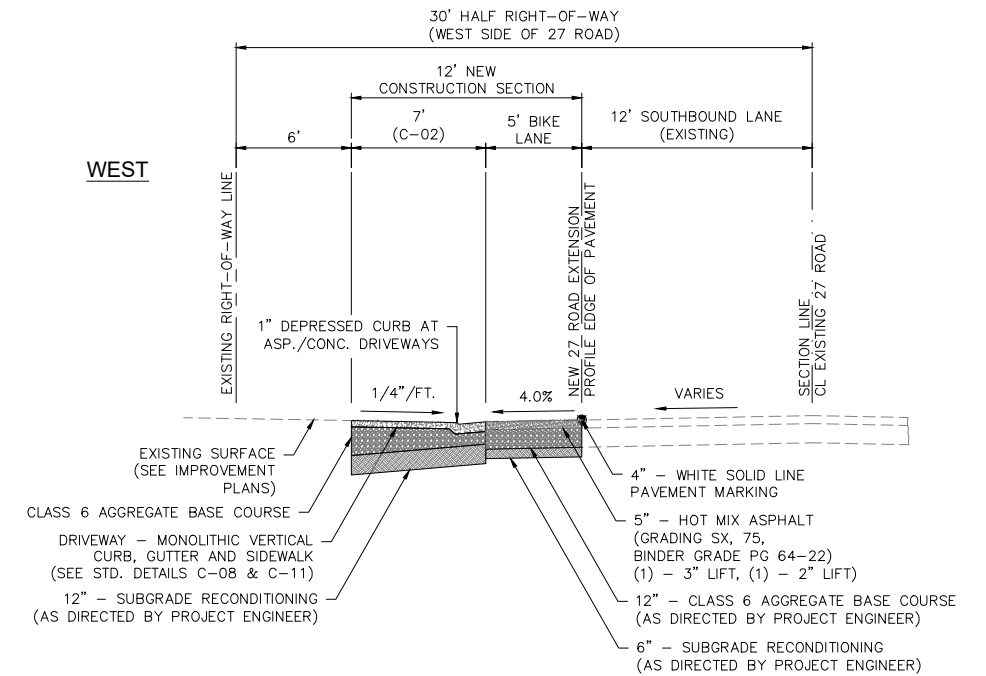
- MUCK EXCAVATION
- AGGREGATE BASE COURSE (CLASS 3)
- GEOTEXTILE (SEPARATOR)(CLASS 2)
- GEOGRID REINFORCEMENT



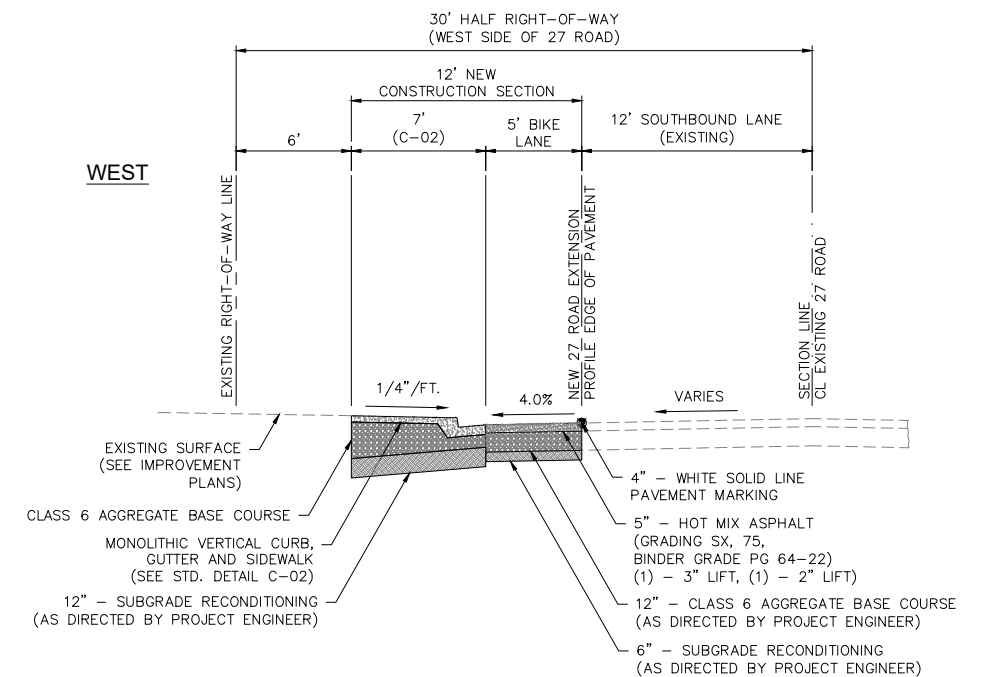
TYPICAL ASPHALT PAVEMENT SECTION
(SEE IMPROVEMENT PLANS FOR EXTENTS OF THIS ASPHALT PAVEMENT DETAIL)



T-TOP DETAIL
(SEE IMPROVEMENT PLANS FOR EXTENTS OF THIS T-TOP DETAIL)



ROADWAY SECTION NO. 2 - 27 ROAD
STA. 10+91.10 - STA. 11+34.60
STA. 12+39.60 - STA. 12+73.60
STA. 14+32.80 - STA. 14+66.80



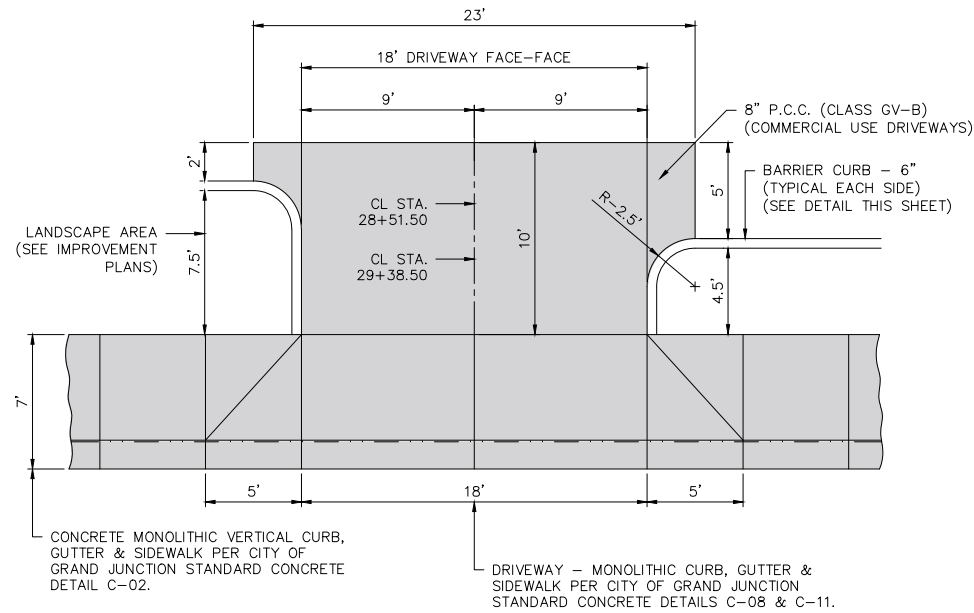
ROADWAY SECTION NO. 1 - 27 ROAD
STA. 10+29.85 - STA. 10+91.10
STA. 11+34.60 - STA. 12+39.60
STA. 12+73.60 - STA. 14+32.80
STA. 14+66.80 - STA. 16+26.09

REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406	SCALES:
REVISION A XXX		- 202X	DRAWN BY: NCW DATE 03/2024	NOT TO SCALE (UNLESS NOTED OTHERWISE)
REVISION B XXX		- 202X	DESIGNED BY: NCW DATE 03/2024	
REVISION C XXX		- 202X	CHECKED BY: LMF DATE 03/2024	
REVISION D XXX		- 202X	APPROVED BY: KAH DATE	



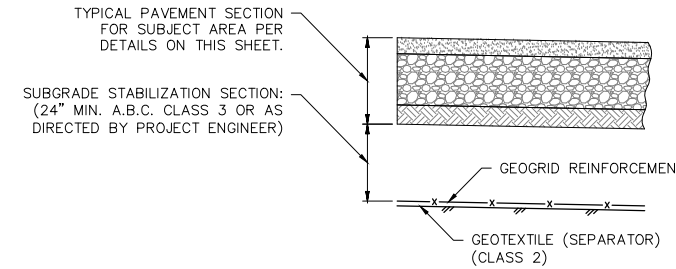
ROADWAY DETAILS & SIDEWALK SECTIONS
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Highway 50 - B 1/2 Road

n:\EngProj\F200405-406 srt5 27 road (south of unawee)\south of hwy 50\60CAD\ODESIGN\Pavement Details & Sections (Hwy 50 - B.5).dwg - PLOTTED 3/27/2024 11:30:44 AM



CONCRETE DRIVEWAY DETAIL

CL DRIVEWAY - STA. 28+51.50
(ONE-WAY INGRESS ONLY)
CL DRIVEWAY - STA. 29+38.50
(ONE-WAY EGRESS ONLY)



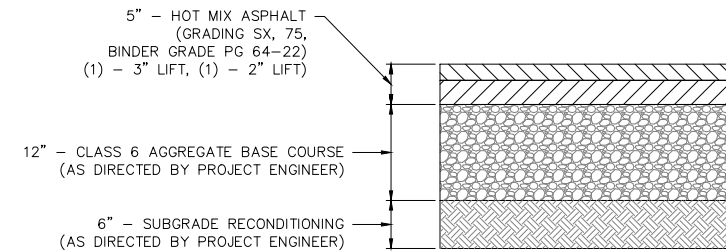
SUBGRADE STABILIZATION DETAIL
(FOR UNSTABLE AREAS AS DIRECTED BY PROJECT ENGINEER)

NOTE:
CONTRACTOR SHALL ACCOUNT FOR UP TO 25% OF THE TOTAL ROADWAY RECONSTRUCTION IN THE AREAS REQUIRING SUBGRADE STABILIZATION (BASE COURSE & SURFACING AREAS), AS SHOWN ON THE "SUBGRADE STABILIZATION DETAIL" WHEN PREPARING THE PROJECT CONSTRUCTION SCHEDULE.

NO ADJUSTMENT IN ALLOWABLE WORKING TIME WILL BE CONSIDERED IF THE AMOUNT OF SUBGRADE STABILIZATION IS LESS THAN 25% OF THE TOTAL ROADWAY RECONSTRUCTION AREA.

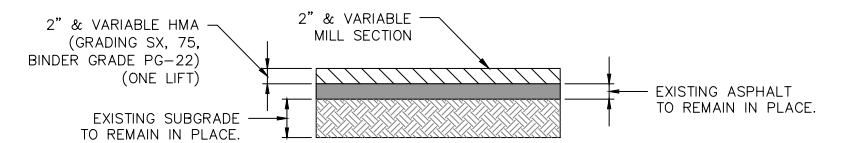
THE WORK FOR SUBGRADE STABILIZATION WILL BE PAID FOR SEPARATELY AS FOLLOWS:

1. MUCK EXCAVATION
2. AGGREGATE BASE COURSE (CLASS 3)
3. GEOTEXTILE (SEPARATOR)(CLASS 2)
4. GEOGRID REINFORCEMENT



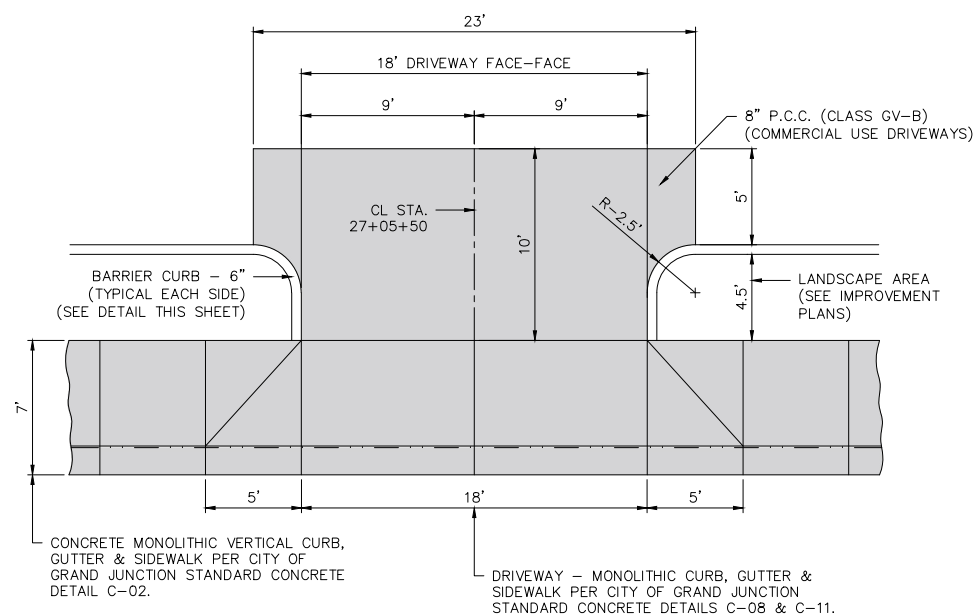
TYPICAL ASPHALT PAVEMENT SECTION

(SEE IMPROVEMENT PLANS FOR EXTENTS OF THIS ASPHALT PAVEMENT DETAIL)



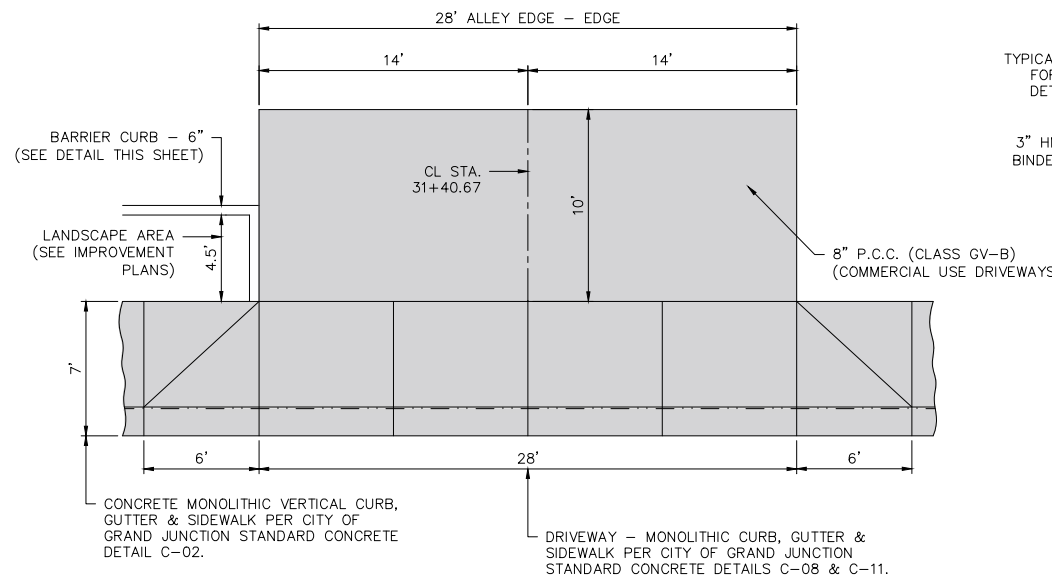
**PAVEMENT MILL SECTION
MILL & HOT MIX ASPHALT OVERLAY**

(SEE IMPROVEMENT PLANS FOR EXTENTS OF THIS ASPHALT PAVEMENT DETAIL)



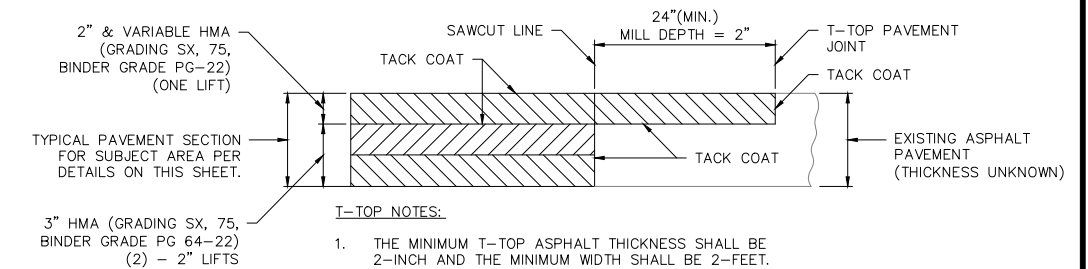
CONCRETE DRIVEWAY DETAIL

CL DRIVEWAY - STA. 27+05.50
(ONE-WAY EGRESS ONLY)



CONCRETE DRIVEWAY DETAIL

CL ALLEY DRIVEWAY - STA. 31+40.67
(TWO-WAY INGRESS / EGRESS)

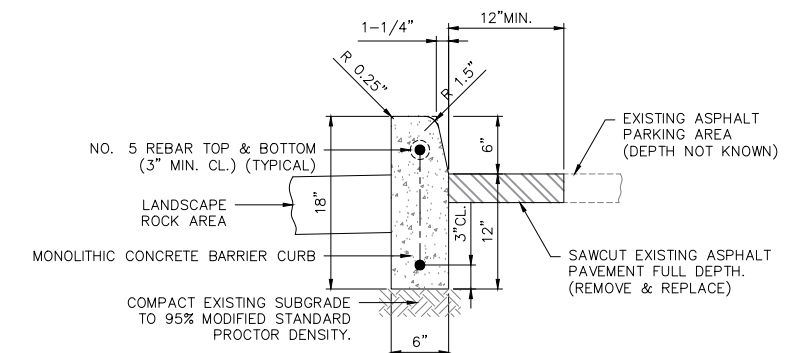


T-TOP NOTES:

1. THE MINIMUM T-TOP ASPHALT THICKNESS SHALL BE 2-INCH AND THE MINIMUM WIDTH SHALL BE 2- FEET.
2. THE T-TOP PAVEMENT JOINT SHALL NOT BE LOCATED IN A VEHICLE WHEEL PATH. THE CONTRACTOR SHALL ADJUST THE T-TOP PAVEMENT JOINT ACCORDINGLY.

T-TOP DETAIL

(SEE IMPROVEMENT PLANS FOR EXTENTS OF THIS T-TOP DETAIL)



MONOLITHIC CONCRETE BARRIER CURB DETAIL

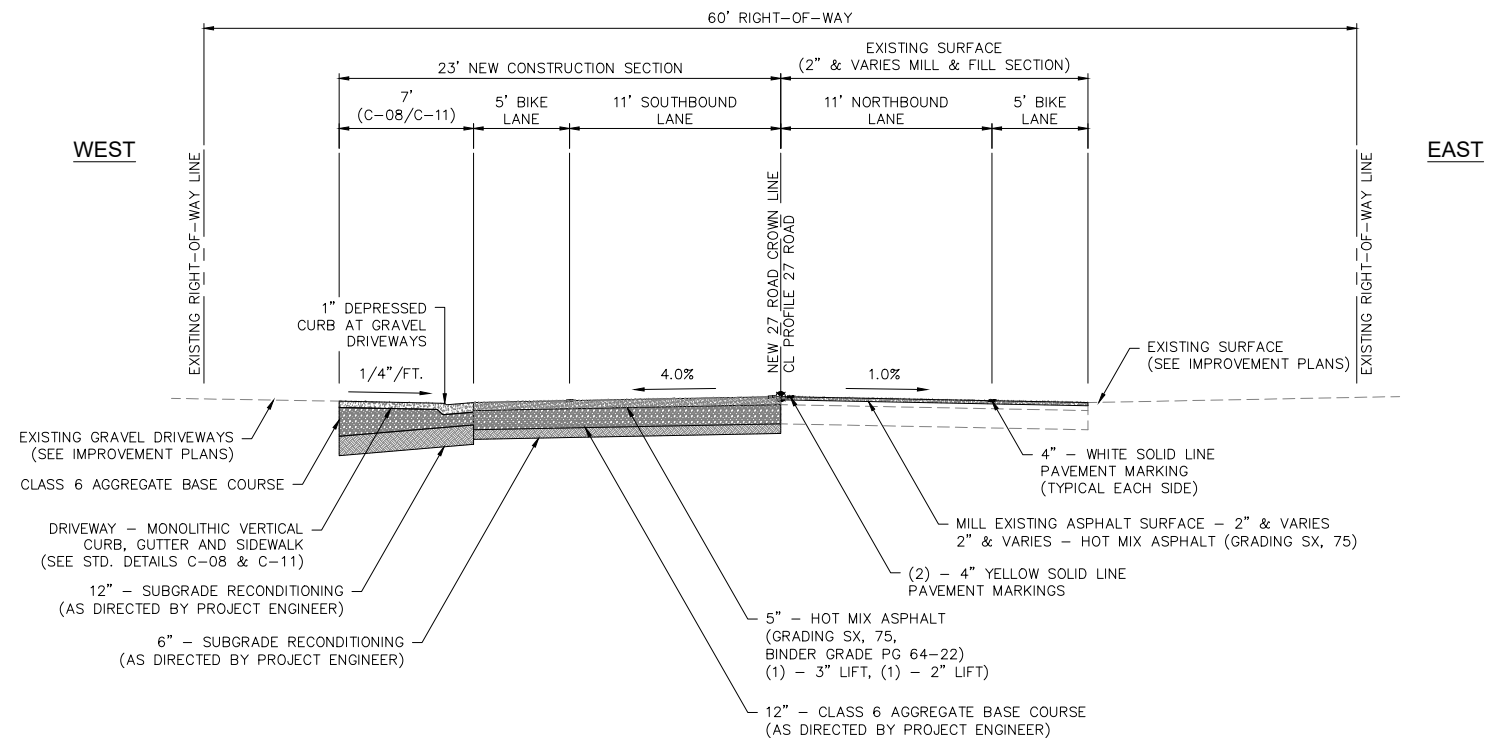
(SEE IMPROVEMENT PLANS FOR EXTENTS OF THIS CURB DETAIL)

REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406	SCALES:
REVISION Δ XXX		202X	DRAWN BY: NCW DATE 03/2024	NOT TO SCALE (UNLESS NOTED OTHERWISE)
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REVISION Δ XXX		202X	CHECKED BY: LMF DATE 03/2024	
REVISION Δ XXX		202X	APPROVED BY: KAH DATE	

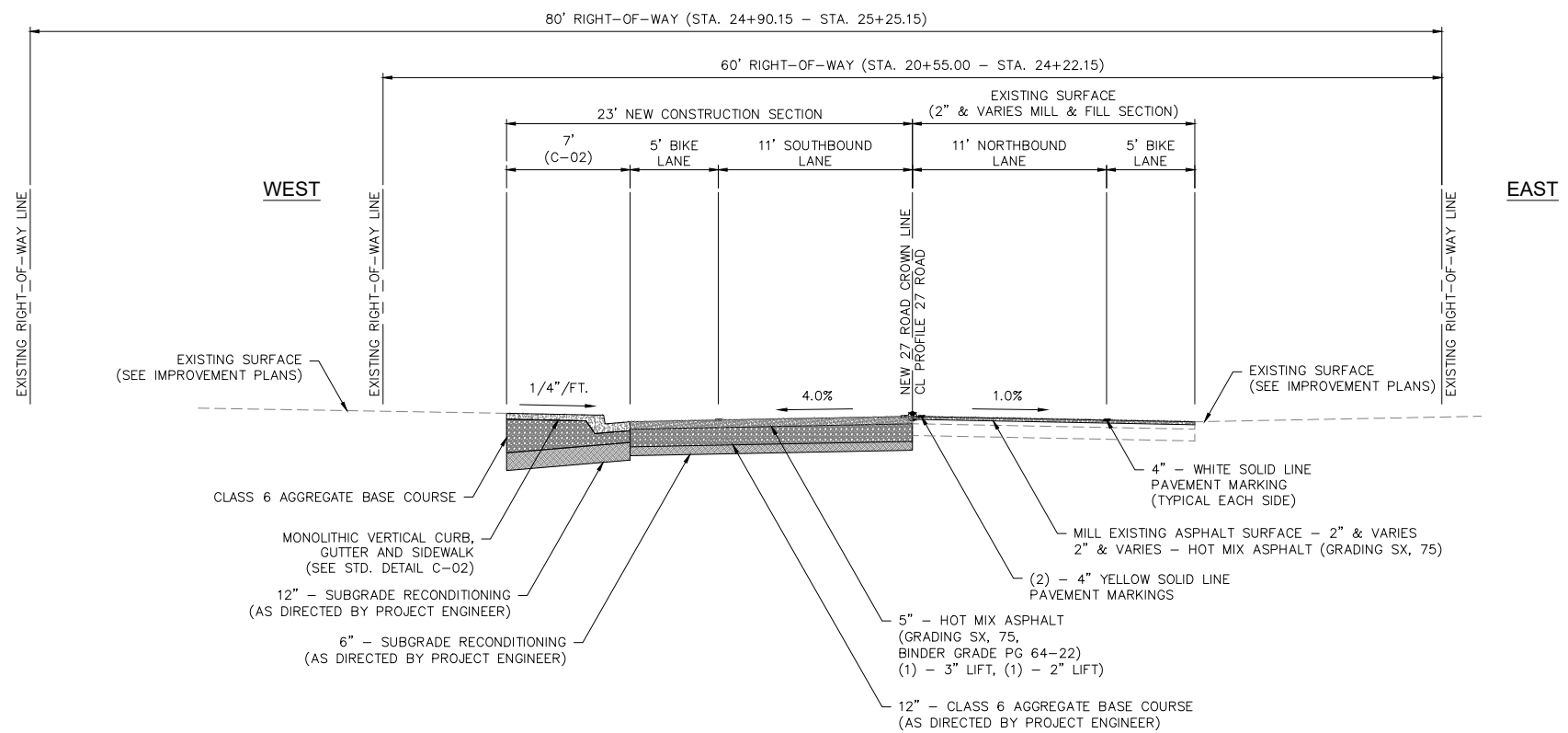


ROADWAY DETAILS
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unaweep Avenue - B 3/4 Road

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ROADWAY SECTION NO. 2 - 27 ROAD
GRAVEL DRIVEWAYS WEST SIDE
 STA. 22+45.80 - STA. 23+00.00
 STA. 23+25.00 - STA. 23+77.50
 STA. 25+63.93 - 25+89.63



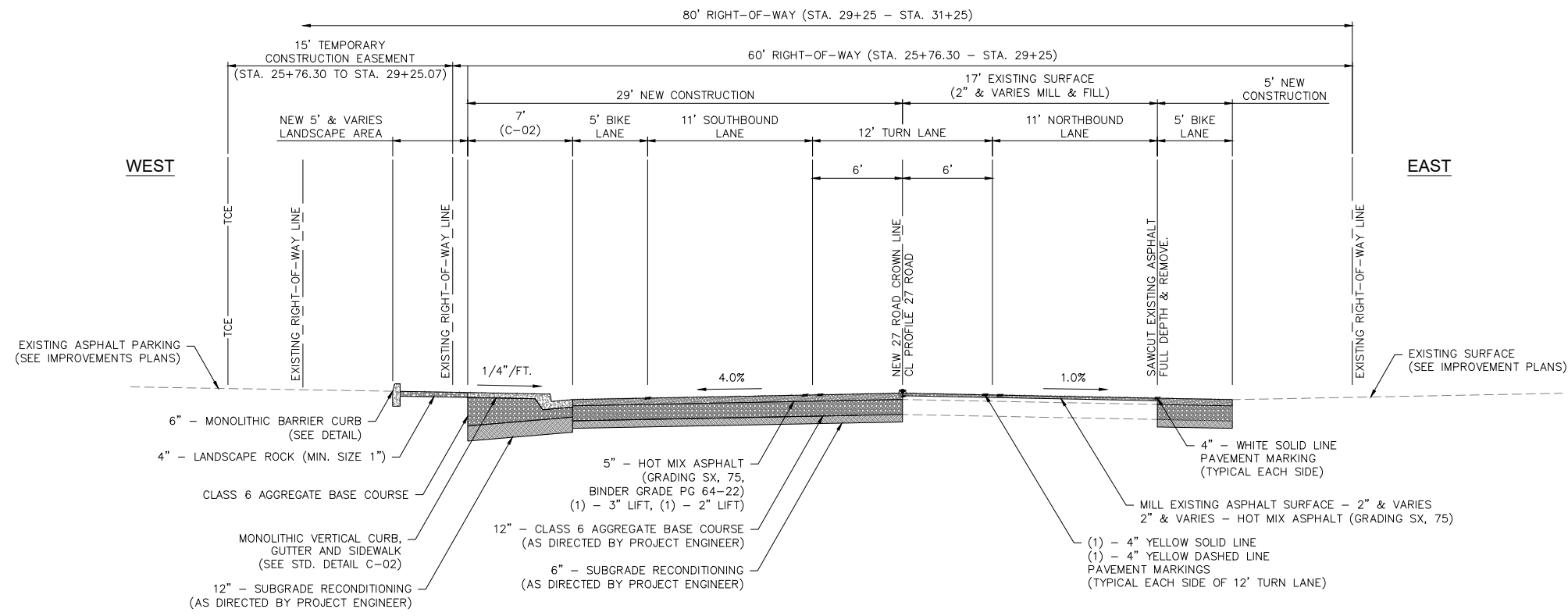
ROADWAY SECTION NO. 1 - 27 ROAD
 STA. 20+55.00 - STA. 22+45.80
 STA. 23+00.00 - STA. 23+25.00
 STA. 23+77.50 - STA. 24+26.42
 STA. 24+85.14 - STA. 25+15.15

REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406	SCALES:
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REVISION C XXX		- 202X	CHECKED BY: LMF DATE 03/2024	
REVISION D XXX		- 202X	APPROVED BY: KAH DATE	

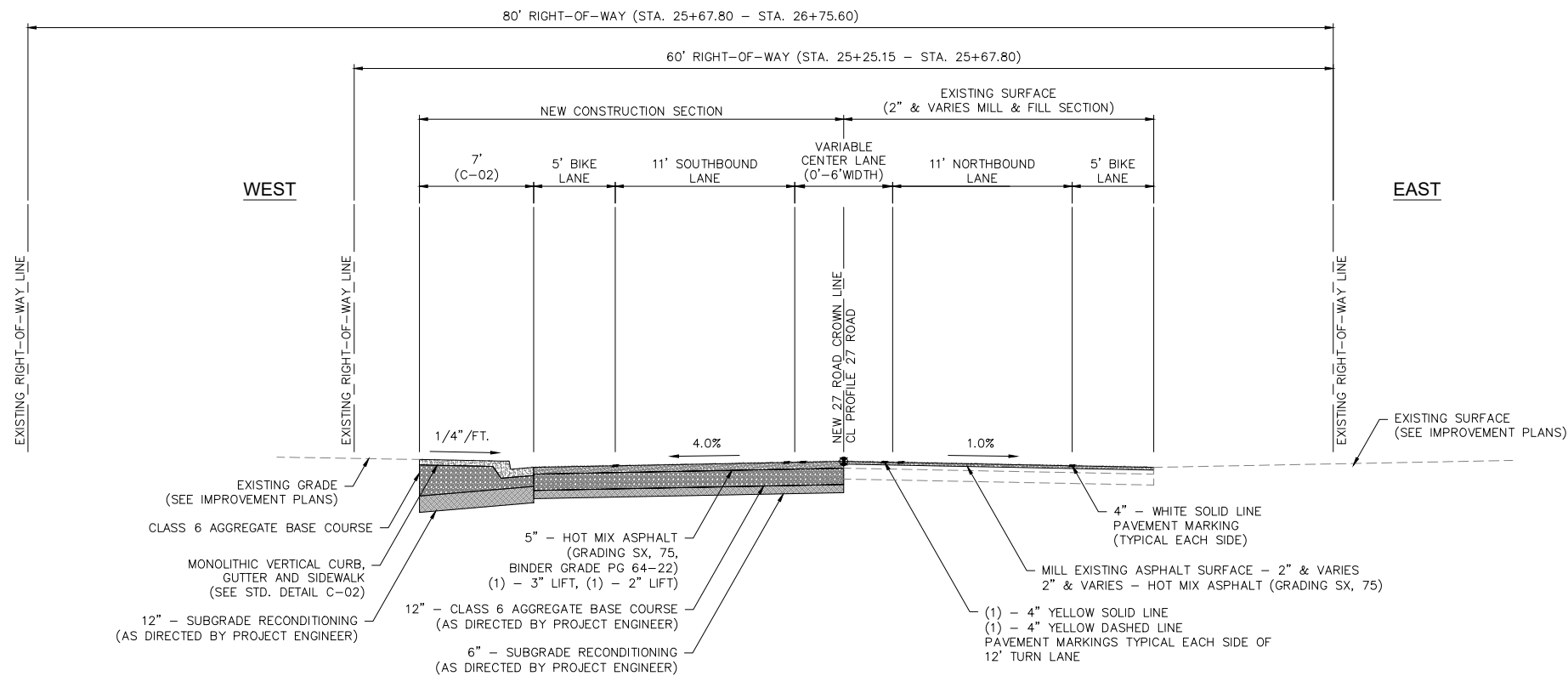


TYPICAL ROADWAY SECTIONS
 SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road

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ROADWAY SECTION NO. 4 - 27 ROAD
 STA. 26+75.60 - STA. 26+91.50
 STA. 27+19.50 - STA. 28+37.50
 STA. 28+65.50 - STA. 29+24.50
 STA. 29+52.50 - STA. 31+20.67

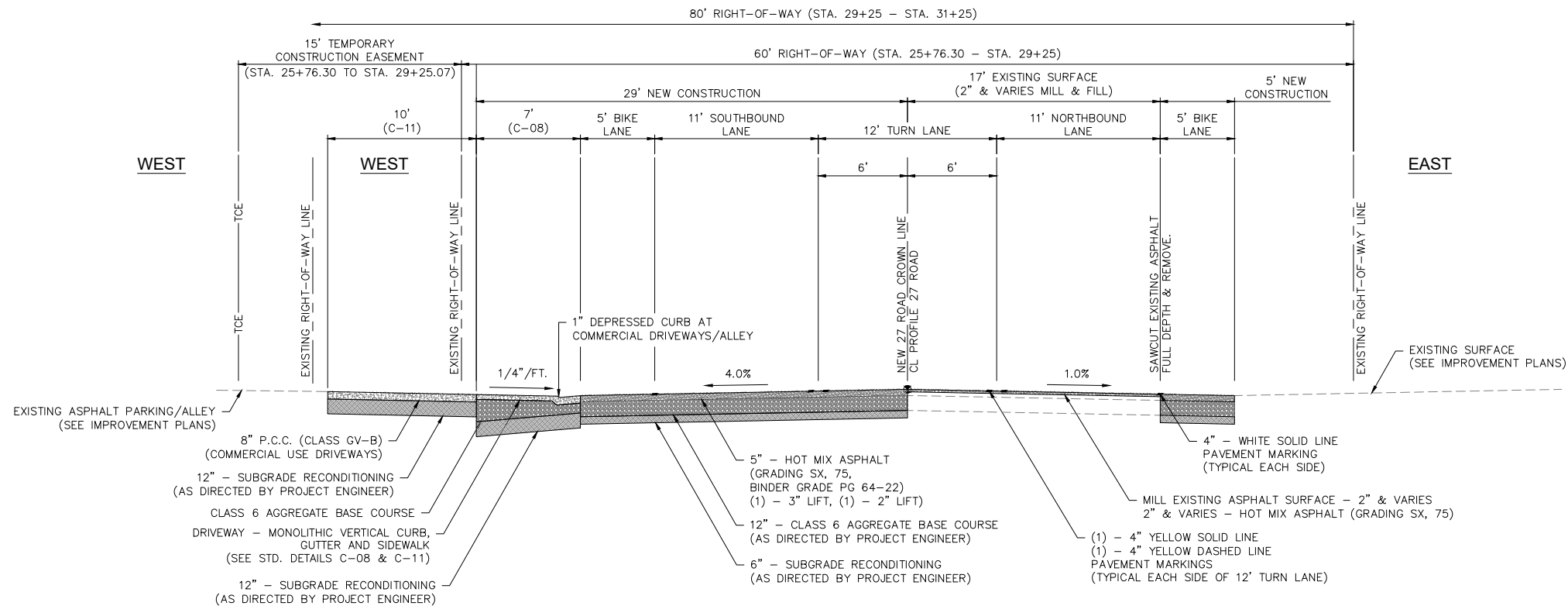


ROADWAY SECTION NO. 3 - 27 ROAD
 STA. 25+15.15 - STA. 26+75.60

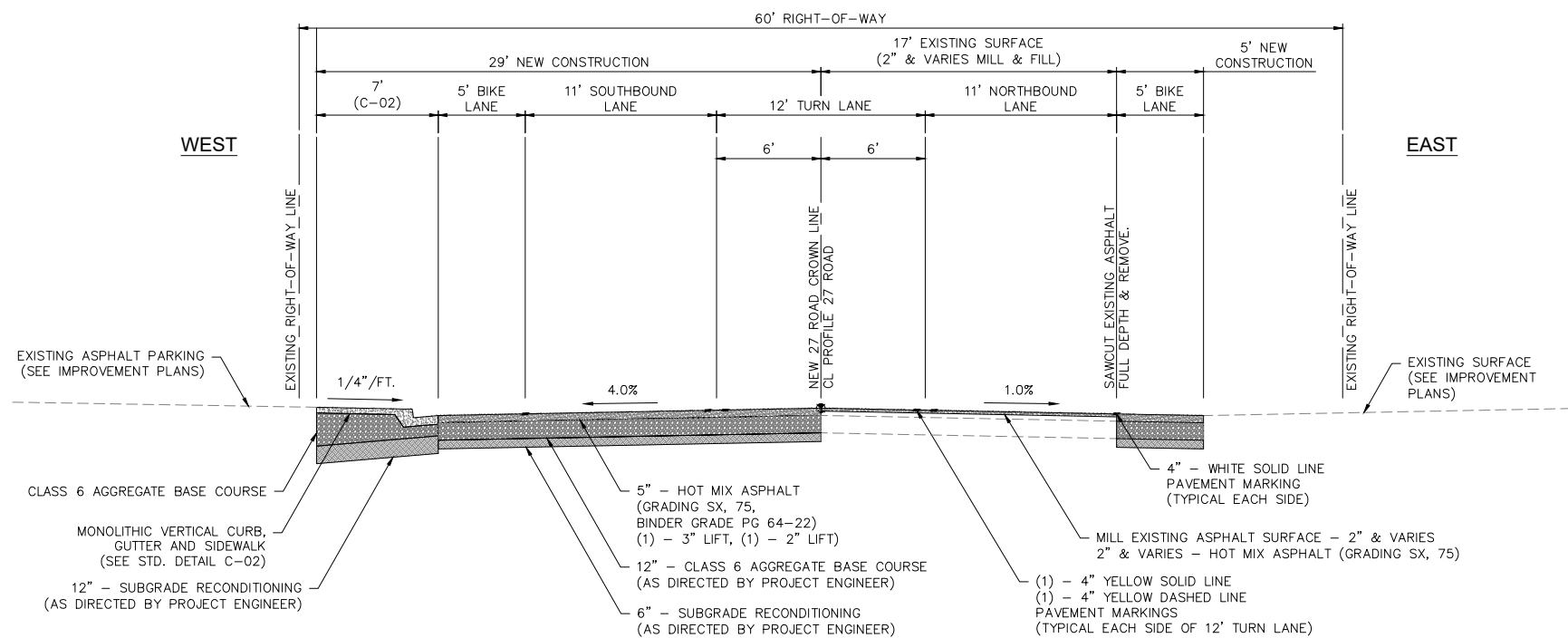
REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406	SCALES:
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REVISION C XXX		- 202X	CHECKED BY: LMF DATE 03/2024	
REVISION D XXX		- 202X	APPROVED BY: KAH DATE	



TYPICAL ROADWAY SECTIONS
 SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road



ROADWAY SECTION NO. 6 - 27 ROAD
 CL COMMERCIAL DRIVEWAY - STA. 27+05.50
 CL COMMERCIAL DRIVEWAY - STA. 28+51.50
 CL COMMERCIAL DRIVEWAY - STA. 29+38.50
 CL ALLEY DRIVEWAY - STA. 31+40.67



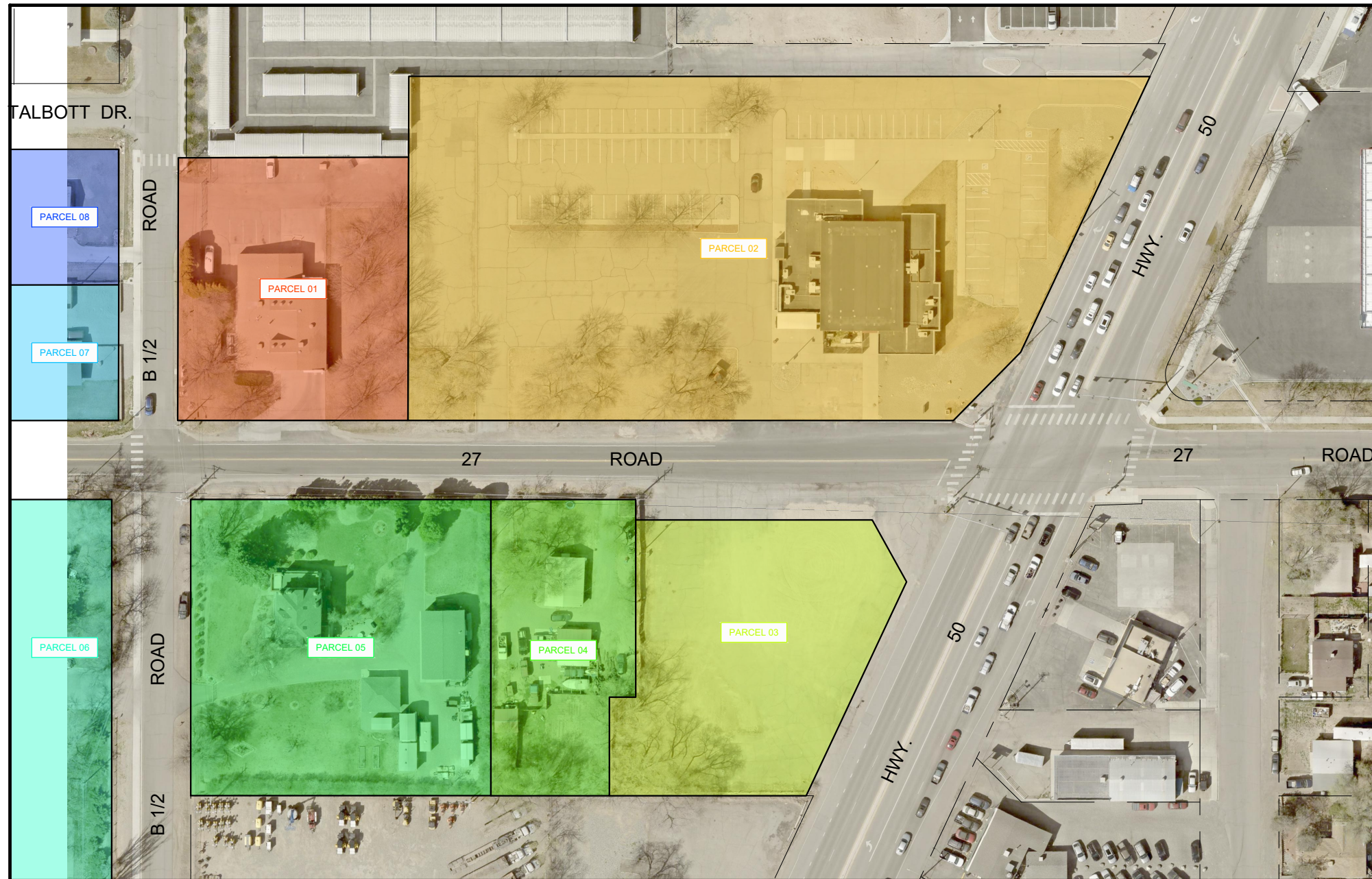
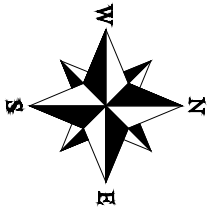
ROADWAY SECTION NO. 5 - 27 ROAD
 STA. 31+20.67 - STA. 32+87.67

REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406	SCALES:
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REVISION B XXX		202X	DESIGNED BY: NCW DATE 03/2024	
REVISION C XXX		202X	CHECKED BY: LMF DATE 03/2024	
REVISION D XXX		202X	APPROVED BY: KAH DATE	



TYPICAL ROADWAY SECTIONS
 SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road

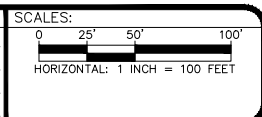
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PARCEL DESIGNATION	PARCEL NO.	PARCEL OWNER	PARCEL ADDRESS	MAILING ADDRESS
PARCEL 01	2945-261-00-045	CITY OF GRAND JUNCTION c/o PERSIGO WWTP	251 27 ROAD GRAND JUNCTION, CO. 81503	2145 RIVER ROAD GRAND JUNCTION, CO. 81505
PARCEL 02	2945-261-00-034	CROSSROADS CHURCH INC.	2697 HIGHWAY 50 GRAND JUNCTION, CO. 81503	
PARCEL 03	2945-252-09-001	O'REILLY AUTO ENTERPRISES, INC.	2701 HIGHWAY 50 GRAND JUNCTION, CO. 81503	P.O. BOX 9167 SPRINGFIELD, MO. 65801
PARCEL 04	2945-252-00-041	GEORGE E. WHEELER REVOCABLE TRUST	256 27 ROAD GRAND JUNCTION, CO. 81503	3820 APPLEWOOD STREET GRAND JUNCTION, CO. 81506
PARCEL 05	2945-252-00-042	CENTER FOR ENRICHED COMMUNICATIONS, INC.	2702 B 1/2 ROAD GRAND JUNCTION, CO. 81503	2708 PATTERSON ROAD GRAND JUNCTION, CO. 81506
PARCEL 06	2945-253-00-001	WESTERN HILLS MHC CO. LLC.	246 27 ROAD GRAND JUNCTION, CO. 81503	9515 HILLWOOD DRIVE LAS VEGAS, NV. 89134
PARCEL 07	2945-264-01-006	JAY LOPEZ CHRISTINA LOPEZ	249 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 08	2945-264-01-016	ROBERT N. GOULD III LARISA A. GOULD	148 TALBOTT DRIVE GRAND JUNCTION, CO. 81503	

REVISION	DESCRIPTION	DATE
REVISION A XXX		- 202X
REVISION B XXX		- 202X
REVISION C XXX		- 202X
REVISION D XXX		- 202X

PROJECT NO. F200405 / F200406	
DRAWN BY: NCW	DATE 03/2024
DESIGNED BY: NCW	DATE 03/2024
CHECKED BY: LMF	DATE 03/2024
APPROVED BY: KAH	DATE



PROJECT PARCEL MAP
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Hwy 50 - B 1/2 Road

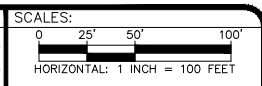
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PARCEL 01	2945-261-00-010	R&M LEASING LLC. c/o EXTREME CONSTRUCTION	2698 B 3/4 ROAD GRAND JUNCTION, CO. 81503	1820 O ROAD FRUITA, CO. 81521
PARCEL 02	2945-261-00-011	ROBERT J. MILLER	277 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 03	2945-261-00-039	CHRISTINE WILLOW PICARD	279 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 04	2945-261-08-013	ALFRED D. PASQUALETTO KELLY PASQUALETTO	281 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 05	2945-261-25-002	RECOGNIZE THE GOODS LLC.	2698 MILO DRIVE GRAND JUNCTION, CO. 81503	2709 B 1/4 ROAD GRAND JUNCTION, CO. 81503
PARCEL 06	2945-261-25-001	RICHARD J. LUCERO RITA A. LUCERO	285 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 07	2945-261-03-008	1215-1217 PERRY LLC.	287 27 ROAD #A, #B, #C, #D	3521 OSAGE STREET DENVER, CO. 80211
PARCEL 08	2945-261-03-002	NADEAU PROPERTIES LLC.	295 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 09	2945-261-00-015	CARL DAVID MURPHY VERNA MURPHY	2699 UNAWEEP AVENUE GRAND JUNCTION, CO. 81503	244 SHERMAN DRIVE GRAND JUNCTION, CO. 81503

PARCEL DESIGNATION	PARCEL NO.	PARCEL OWNER	PARCEL ADDRESS	MAILING ADDRESS
PARCEL 10	2945-252-00-098	M&W VENTURES, INC.	2701 UNAWEEP AVENUE GRAND JUNCTION, CO. 81503	1435 AIRPORT ROAD RIFLE, CO. 81650
PARCEL 11	2945-252-00-099	1215-1217 PERRY LLC.	288 27 ROAD GRAND JUNCTION, CO. 81503	3521 OSAGE STREET DENVER, CO. 80211
PARCEL 12	2945-252-06-001	DAVID C. VALDEZ	286 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 13	2945-252-00-027	ALPHONSE D. TURNER c/o 2017 REVOCABLE TRUST	284 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 14	2945-252-07-004	LARRY LEE KENT DOTSIE ARLENE KENT	282 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 15	2945-252-07-003	TERESA M. RICKER	280 27 ROAD GRAND JUNCTION, CO. 81503	
PARCEL 16	2945-252-07-002	CHRISTOPHER P. TOLES	278 27 ROAD GRAND JUNCTION, CO. 81503	2719 UNAWEEP AVENUE GRAND JUNCTION, CO. 81503
PARCEL 17	2945-252-07-001	ROBERT DEPRIEST JALISA POTTORF DIXON	276 27 ROAD GRAND JUNCTION, CO. 81503	

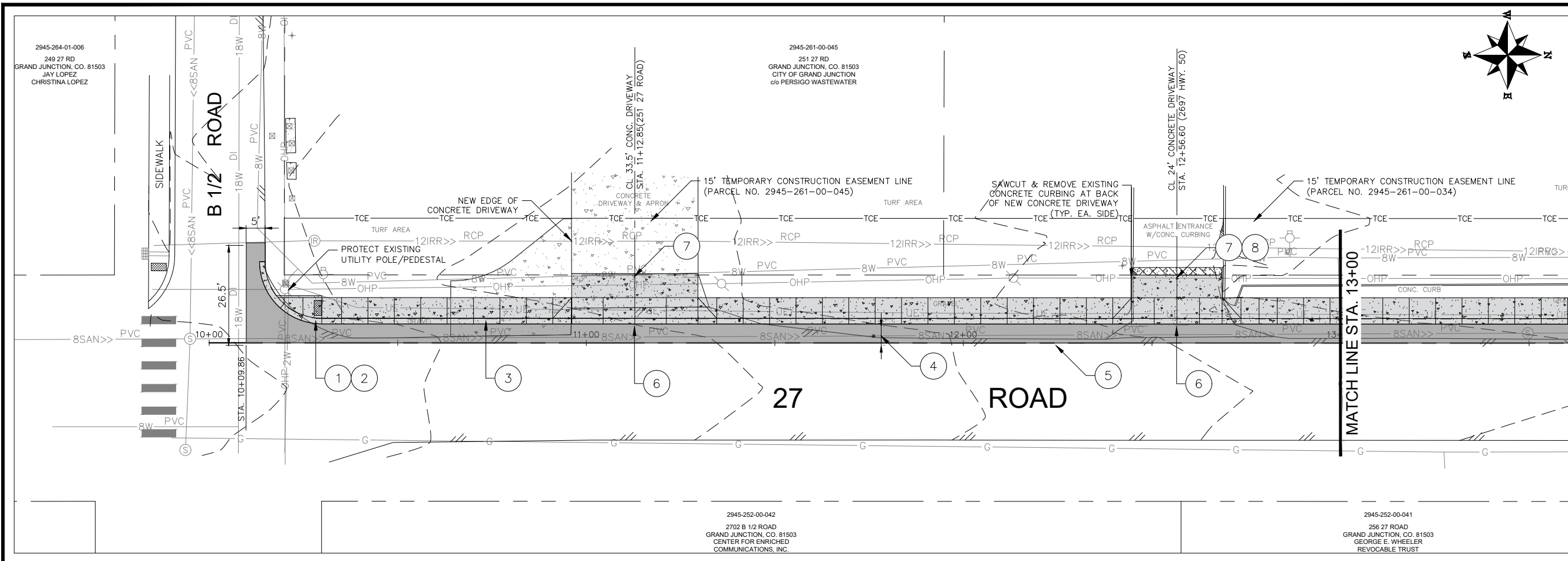
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REVISION B XXX		202X	DESIGNED BY: NCW DATE 03/2024
REVISION C XXX		202X	CHECKED BY: LMF DATE 03/2024
REVISION D XXX		202X	APPROVED BY: KAH DATE



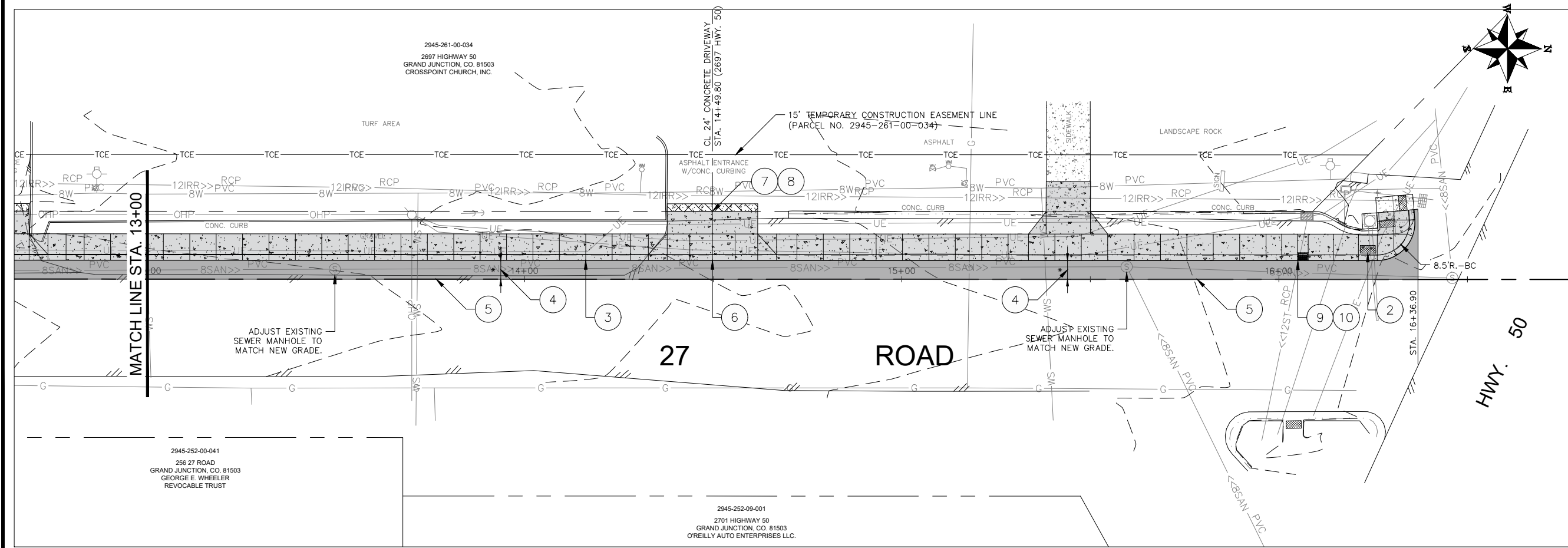
ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO. 81501

PROJECT PARCEL MAP
SAFE ROUTES TO SCHOOL- 27 ROAD IMPROVEMENTS
Unaweep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srtts 27 road (south of unaweep)\south of hwy 50\60CAD\ODESIGN\Project Parcel Plan.dwg - PLOTTED 3/27/2024 11:31:53 AM



- IMPROVEMENT PLAN NOTES**
- 1 CONCRETE CURB RETURN WITH VERTICAL CURB (15 FT. RADIUS)
TYPE 2 SMALL RADIUS CURB RAMPS FOR CROSSINGS IN ONE DIRECTION PER CDOT STD. PLAN NO. M-608-1 (STD. SH. NO. 5)
 - 2 DETECTABLE WARNING PER CDOT M&S STANDARD PLAN M-608-1, SHEETS 9 & 10 OF 10.
 - 3 CONCRETE MONOLITHIC VERTICAL CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAIL C-02.
 - 4 5" - HOT MIX ASPHALT (GRADING SX, 75, BINDER GRADE PG 64-22)
(1) - 3" LIFT, (1) - 2" LIFT
(SEE TYPICAL ROADWAY SECTIONS)
 - 5 EDGE OF NEW IMPROVEMENTS (EDGE OF ROADWAY)
(SEE TYPICAL ROADWAY SECTIONS)
 - 6 DRIVEWAY - MONOLITHIC CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAILS C-08 & C-11.
 - 7 CONCRETE DRIVEWAY ACCESS
(SEE DRIVEWAY DETAILS - SHEET 4)
 - 8 SAW-CUT ASPHALT PAVEMENT FULL DEPTH ADJACENT TO NEW CONCRETE PAVEMENT & CURB AS SHOWN. MATCH EXISTING PAVEMENT ELEVATIONS.
 - 9 STORM INLET STA. 16+05.03 / 5' LT. WITH DRIVE OVER CURB OPENING PER CITY OF GRAND JUNCTION STD. D-07.
 - 10 CONNECT EXISTING 12" RCP STORM SEWER INTO NEW STORM INLET. (FIELD VERIFY LOCATION, ELEV., PIPE SIZE, PIPE TYPE.)



- IMPROVEMENT PLAN LEGEND**
- CONCRETE SIDEWALK & CONCRETE PAVEMENT
 - HOT MIX ASPHALT
 - ASPHALT SURFACE PATCH (MATCH EXISTING DEPTH) (FIELD VERIFY DEPTH)

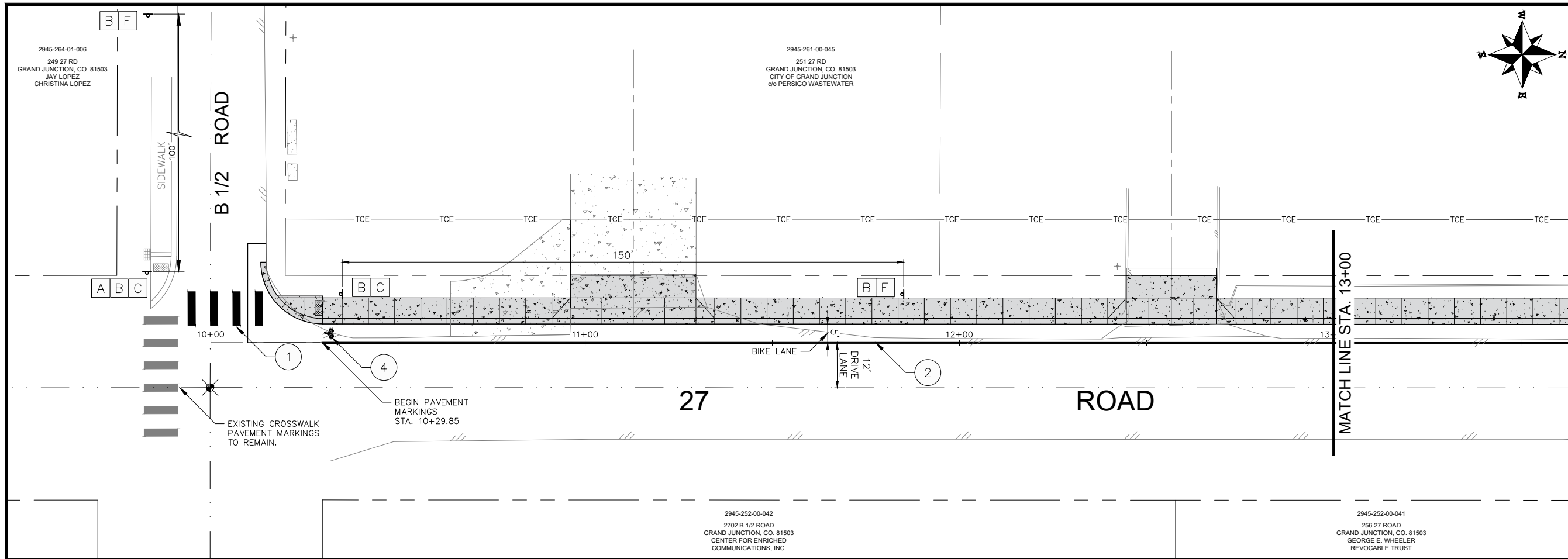
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REVISION Δ XXX		- 202X	APPROVED BY: KAH DATE



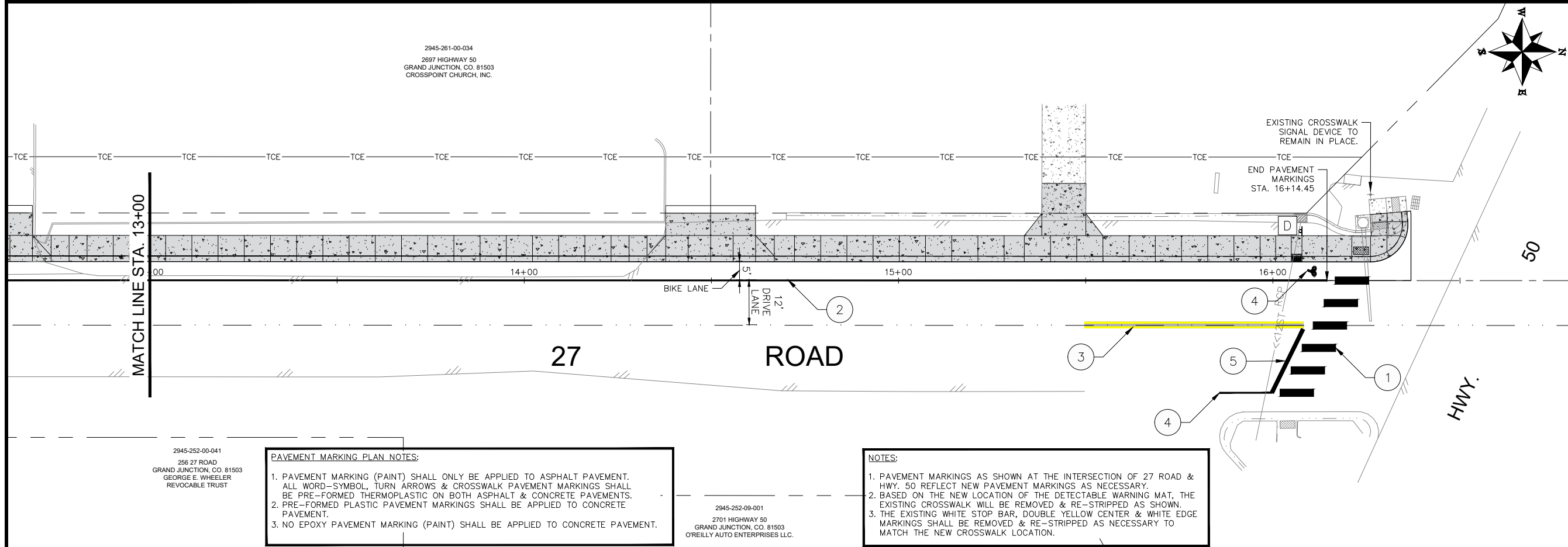
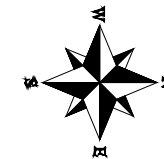
ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

IMPROVEMENT PLAN - STA. 10+00 TO STA. 16+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Highway 50 - B 1/2 Road

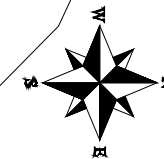
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- PAVEMENT MARKINGS PLAN NOTES**
- 1 WHITE 2.5' x 9' CROSSWALK BAR PAVEMENT MARKINGS
 - 2 4" WIDE SOLID WHITE EDGE LINE PAVEMENT MARKING (BY CITY OF GRAND JUNCTION - CONTRACTOR TO COORDINATE WITH CITY CREWS)
 - 3 (2) - 4" WIDE SOLID YELLOW LINE (CENTERLINE) PAVEMENT MARKING (BY CITY OF GRAND JUNCTION - CONTRACTOR TO COORDINATE WITH CITY CREWS)
 - 4 WHITE BIKE LANE SYMBOL PAVEMENT MARKING
 - 5 12" WIDE SOLID WHITE LINE STOP BAR PAVEMENT MARKING



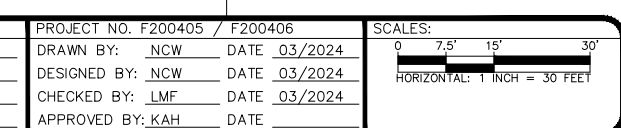
- SIGN LEGEND**
- A R1-1 "STOP" SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - B MUTCD S1-1 SCHOOL ZONE SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - C W16-7P DOWNWARD DIRECTIONAL ARROW SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - D W11-1 BICYCLE SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - F W16-9P AHEAD SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)



- PAVEMENT MARKING PLAN NOTES:**
1. PAVEMENT MARKING (PAINT) SHALL ONLY BE APPLIED TO ASPHALT PAVEMENT. ALL WORD-SYMBOL, TURN ARROWS & CROSSWALK PAVEMENT MARKINGS SHALL BE PRE-FORMED THERMOPLASTIC ON BOTH ASPHALT & CONCRETE PAVEMENTS.
 2. PRE-FORMED PLASTIC PAVEMENT MARKINGS SHALL BE APPLIED TO CONCRETE PAVEMENT.
 3. NO EPOXY PAVEMENT MARKING (PAINT) SHALL BE APPLIED TO CONCRETE PAVEMENT.

- NOTES:**
1. PAVEMENT MARKINGS AS SHOWN AT THE INTERSECTION OF 27 ROAD & HWY. 50 REFLECT NEW PAVEMENT MARKINGS AS NECESSARY.
 2. BASED ON THE NEW LOCATION OF THE DETECTABLE WARNING MAT, THE EXISTING CROSSWALK WILL BE REMOVED & RE-STRIPPED AS SHOWN.
 3. THE EXISTING WHITE STOP BAR, DOUBLE YELLOW CENTER & WHITE EDGE MARKINGS SHALL BE REMOVED & RE-STRIPPED AS NECESSARY TO MATCH THE NEW CROSSWALK LOCATION.

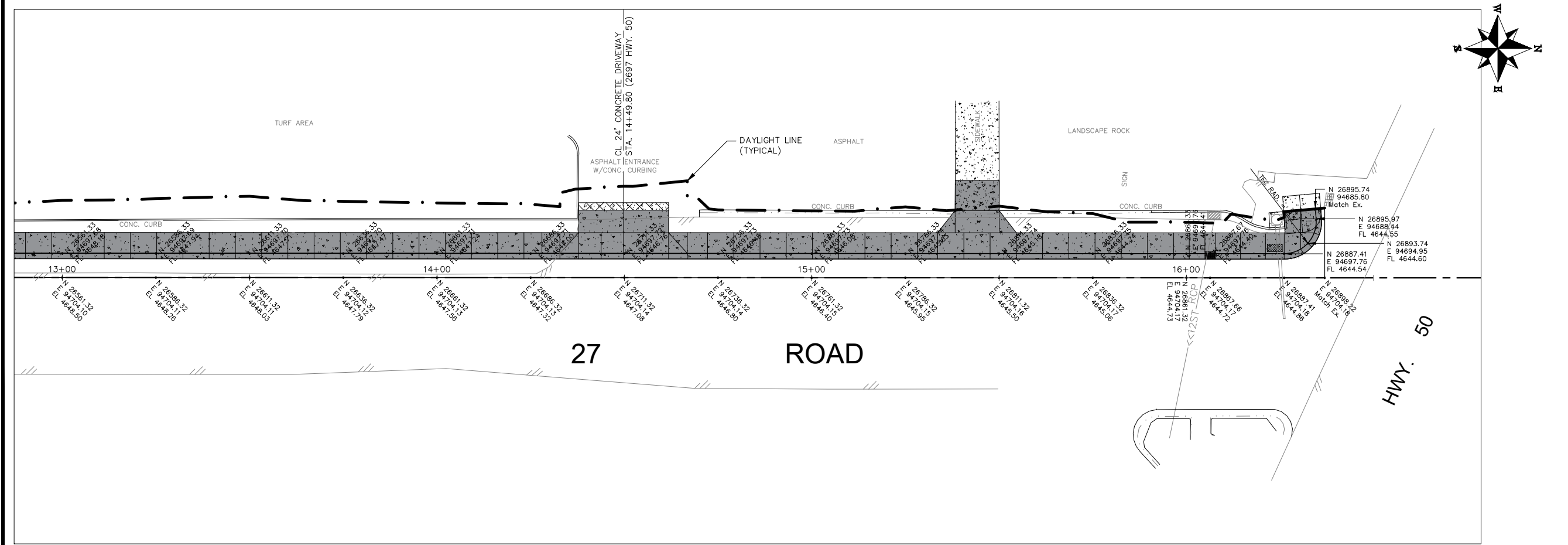
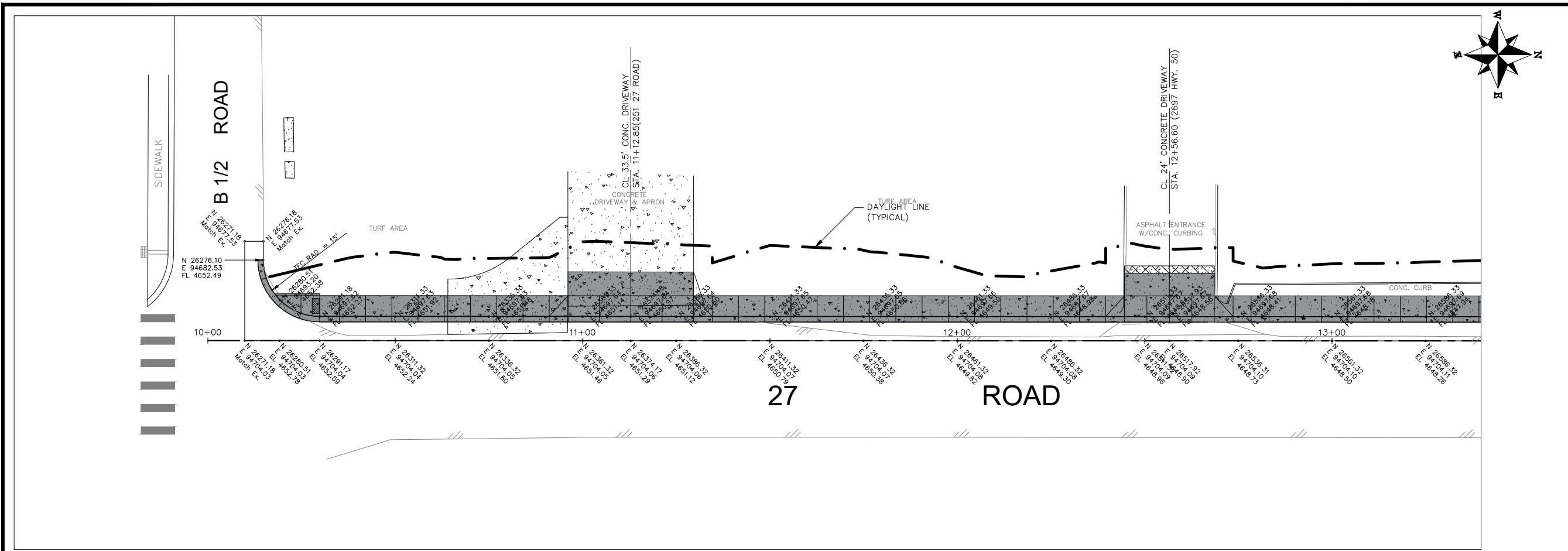
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REVISION Δ XXX		- 202X	CHECKED BY: LMF DATE 03/2024
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ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

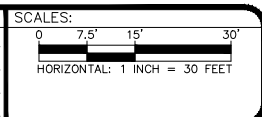
PAVEMENT MARKINGS PLAN - STA. 10+00 TO STA. 16+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Highway 50 - B 1/2 Road

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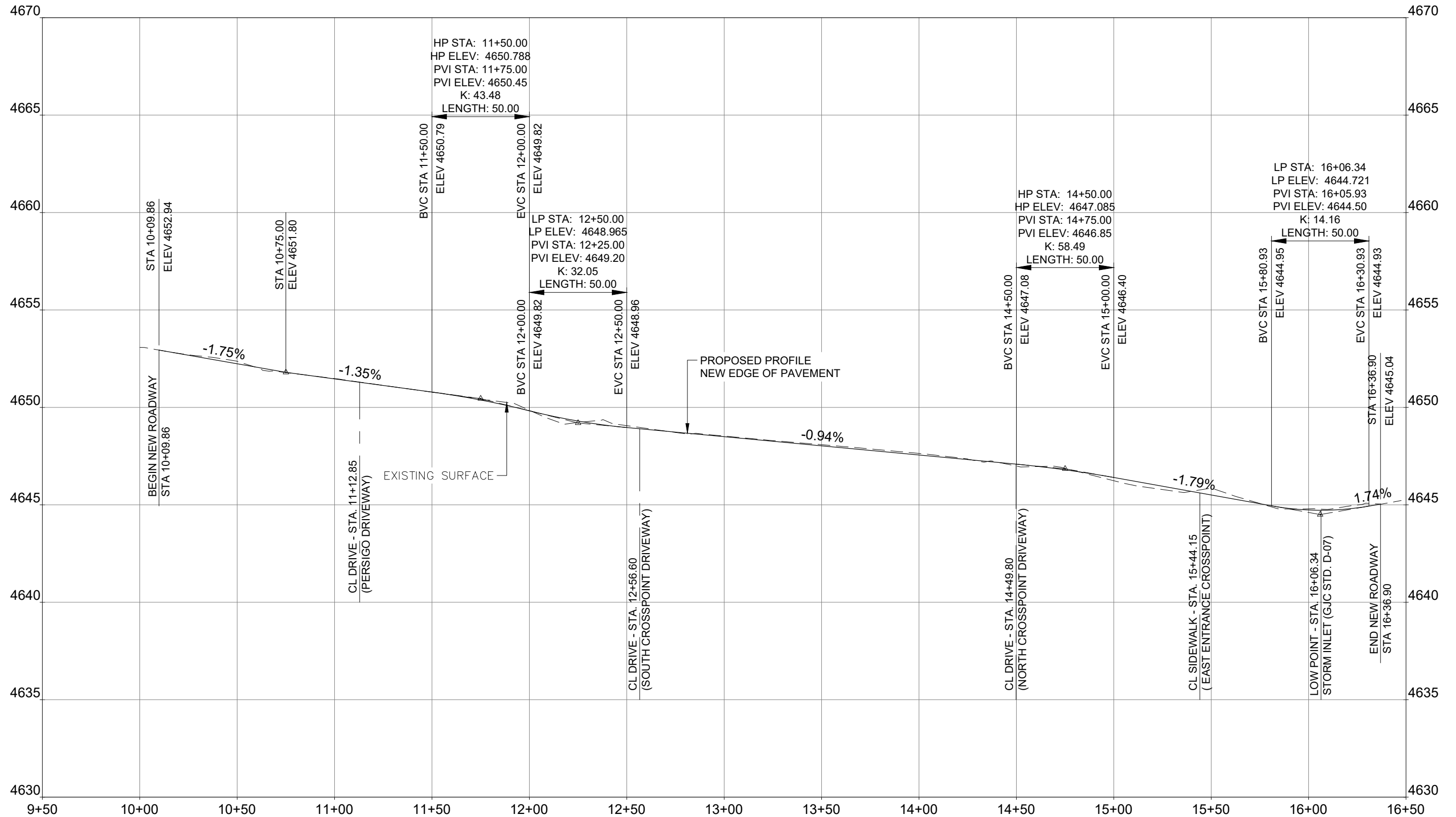
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PROJECT NO. F200405 / F200406	
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DESIGNED BY: NCW	DATE 03/2024
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APPROVED BY: KAH	DATE

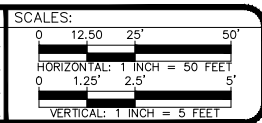


ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

STAKING PLAN - STA. 10+00 TO STA. 16+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Highway 50 - B 1/2 Road



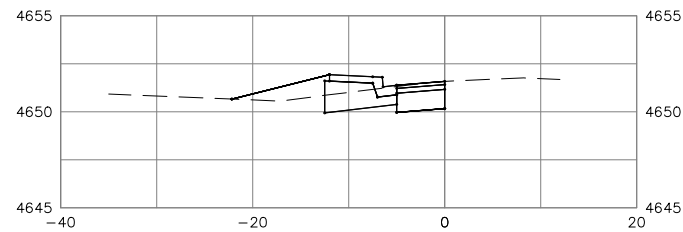
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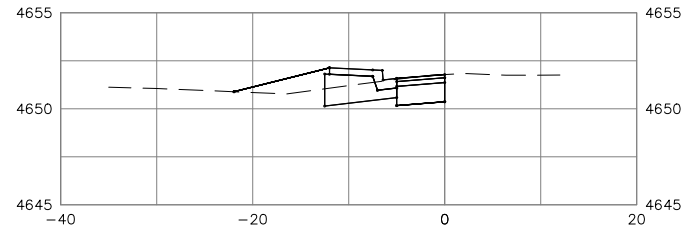
ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

EDGE OF PAVEMENT PROFILE - STA. 9+50 TO STA. 16+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Highway 50 - B 1/2 Road

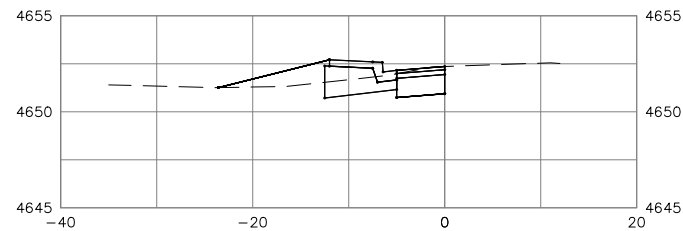
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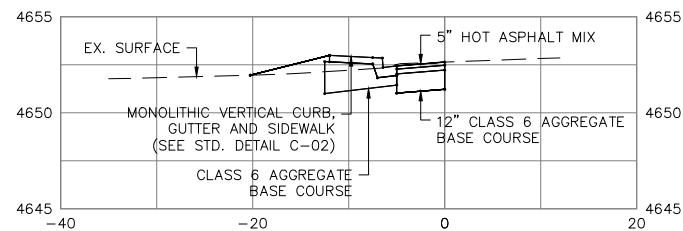
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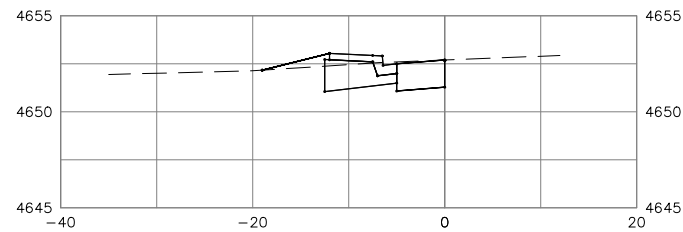
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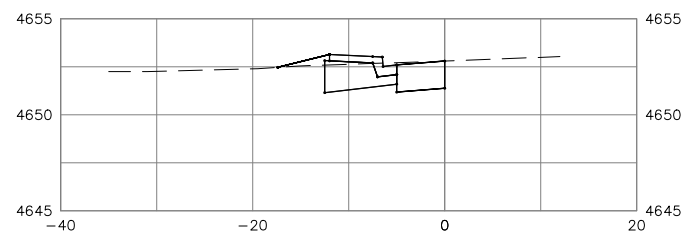
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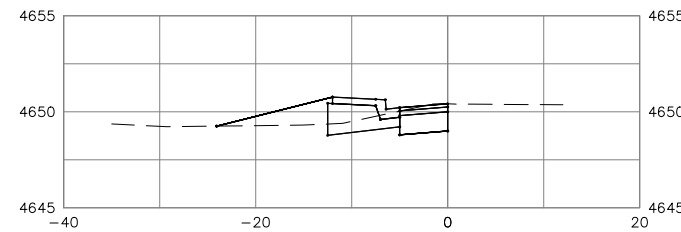
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PT CURB RETURN



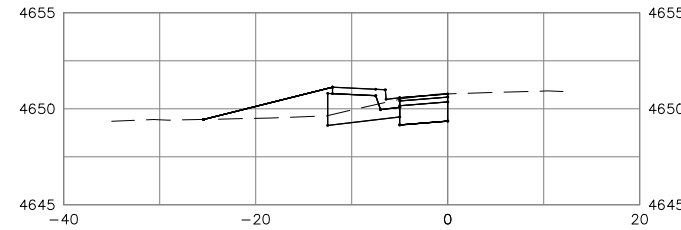
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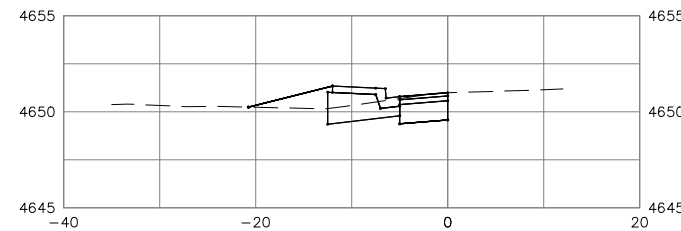
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MID-POINT CURB RETURN



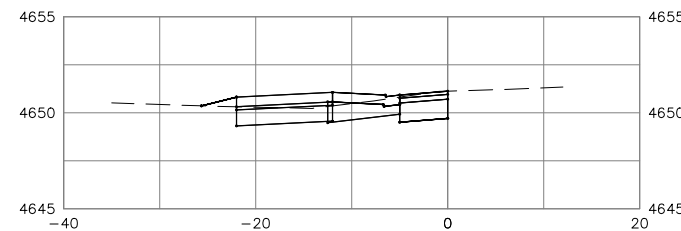
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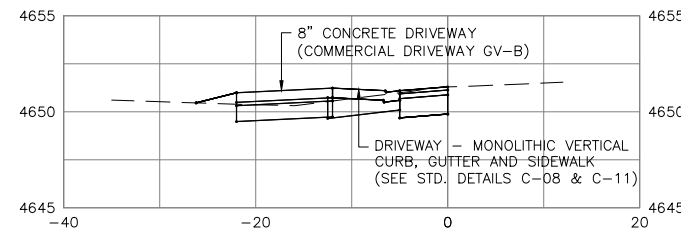
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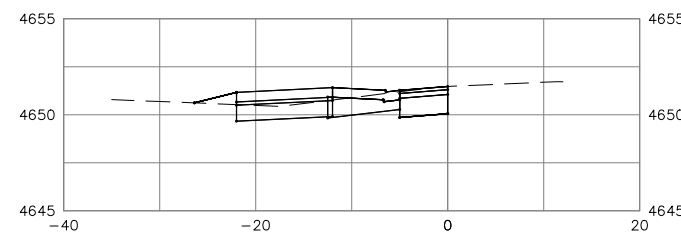
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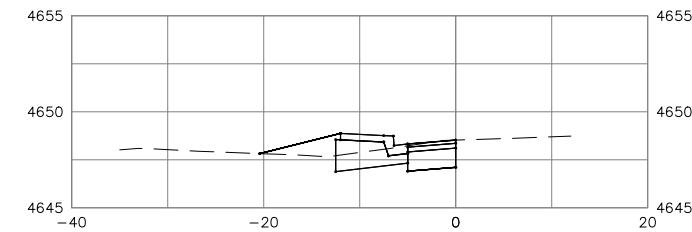
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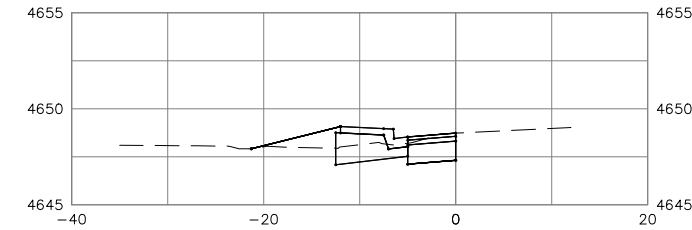
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CL DRIVEWAY (PERSIGO)



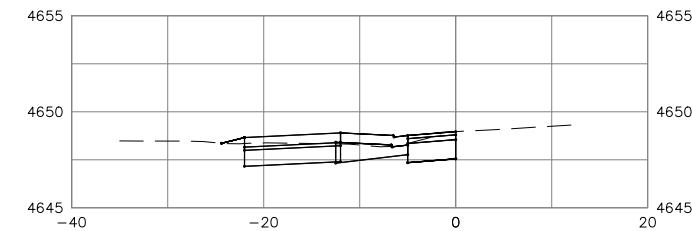
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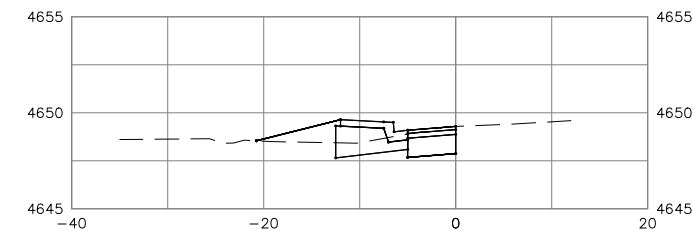
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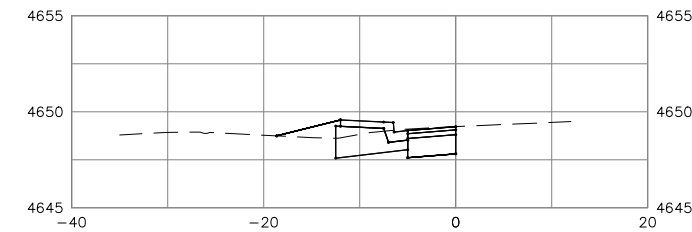
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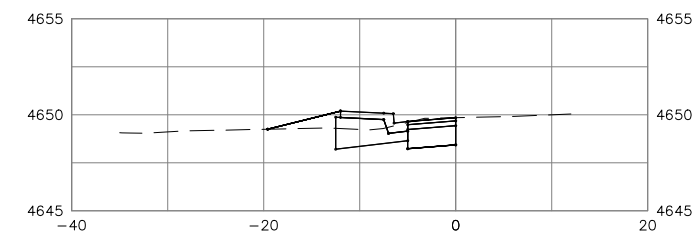
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CL DRIVEWAY (SO. ENT. - CROSSPOINT)



12+39.60
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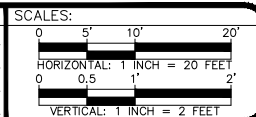


12+25.00



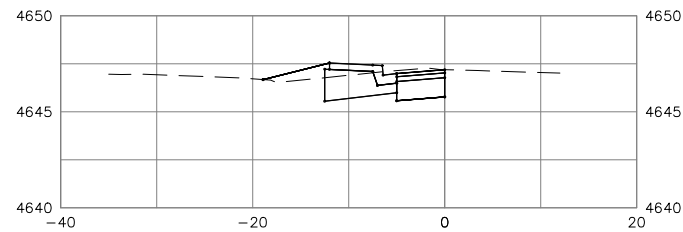
12+00.00

REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406
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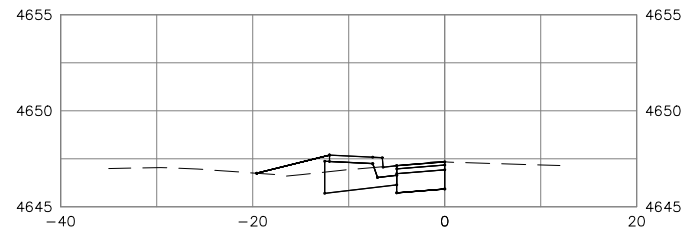


ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

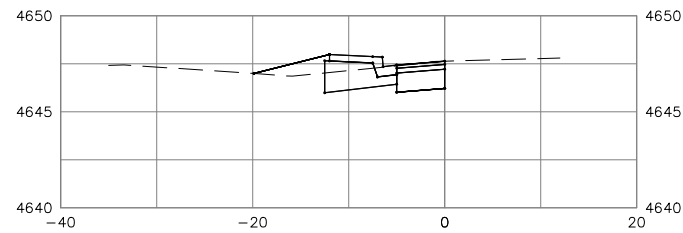
CROSS SECTIONS - STA. 10+18.18 TO STA. 13+00
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Highway 50 - B 1/2 Road



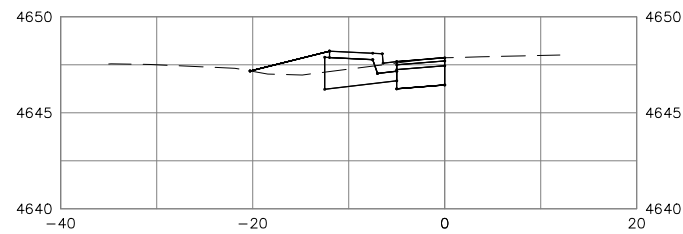
14+32.80
END FULL CURB



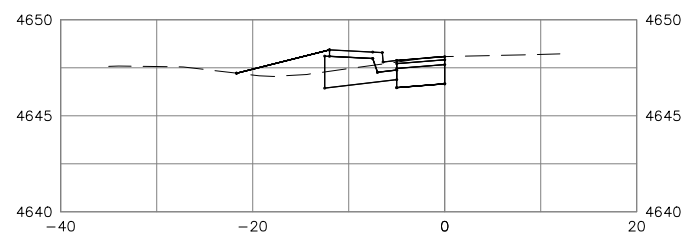
14+25.00



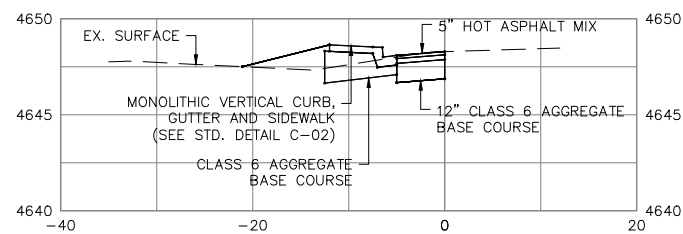
14+00.00



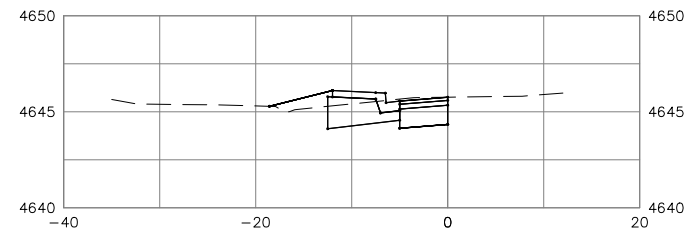
13+75.00



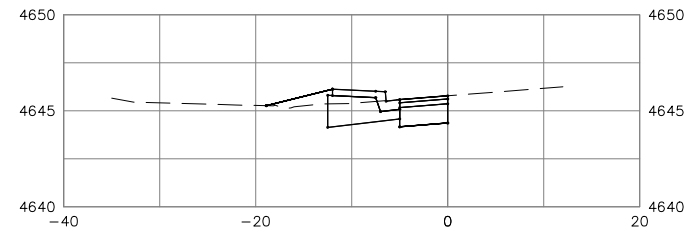
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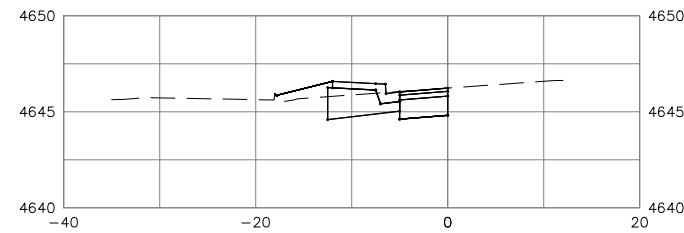
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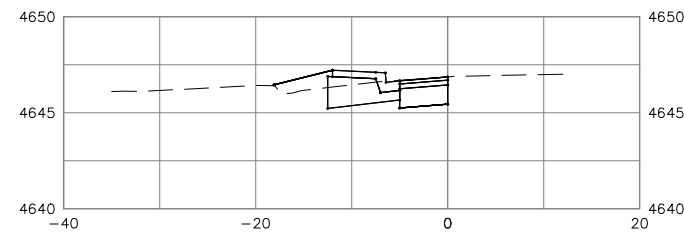
15+44.15
CL SIDEWALK (EAST BLDG. ENT. - CROSSPOINT)



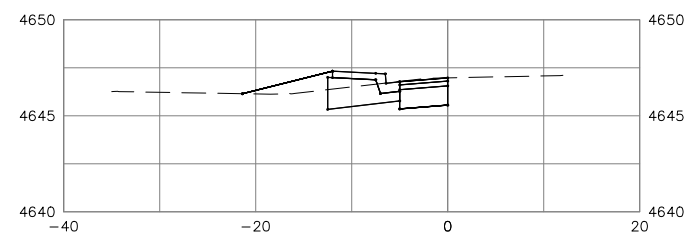
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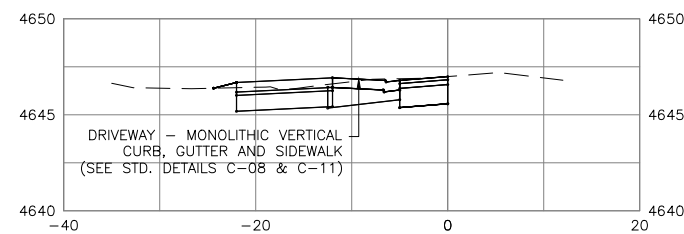
15+00.00



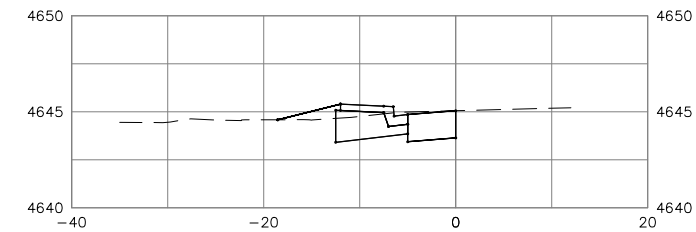
14+75.00



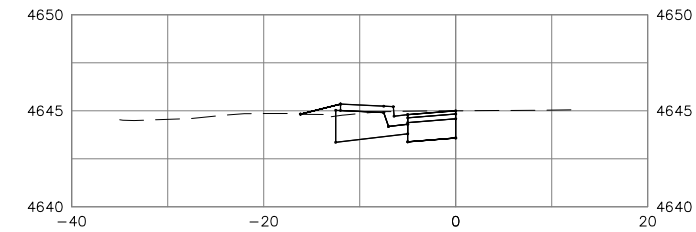
14+66.80
BEGIN FULL CURB



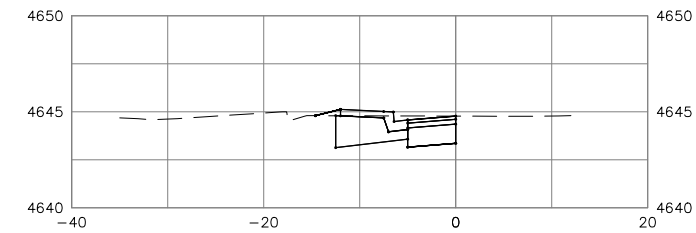
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CL DRIVEWAY (NO. ENT. - CROSSPOINT)



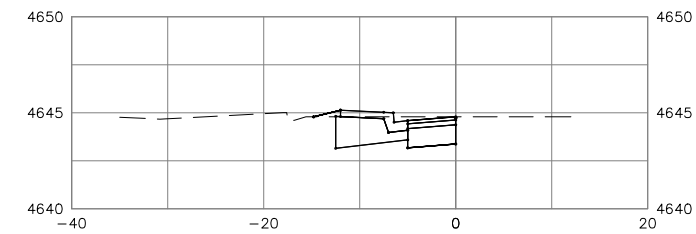
16+33.46
MID-POINT CURB RETURN



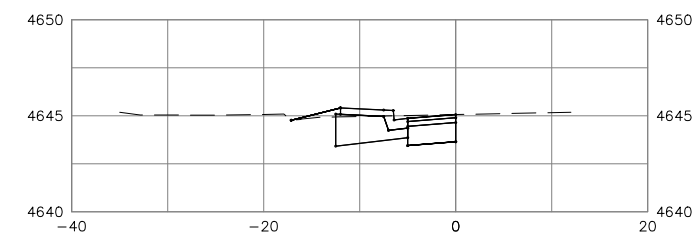
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PC CURB RETURN



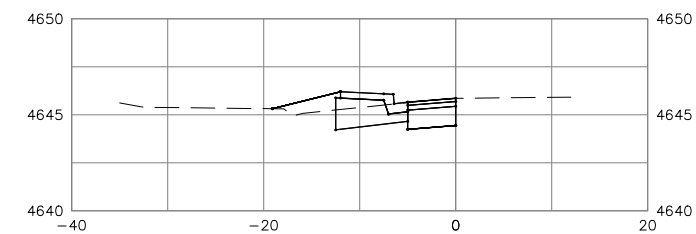
16+06.34
LOW POINT (STORM INLET)



16+00.00

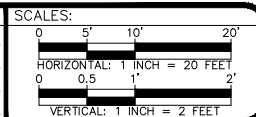


15+75.00



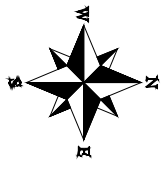
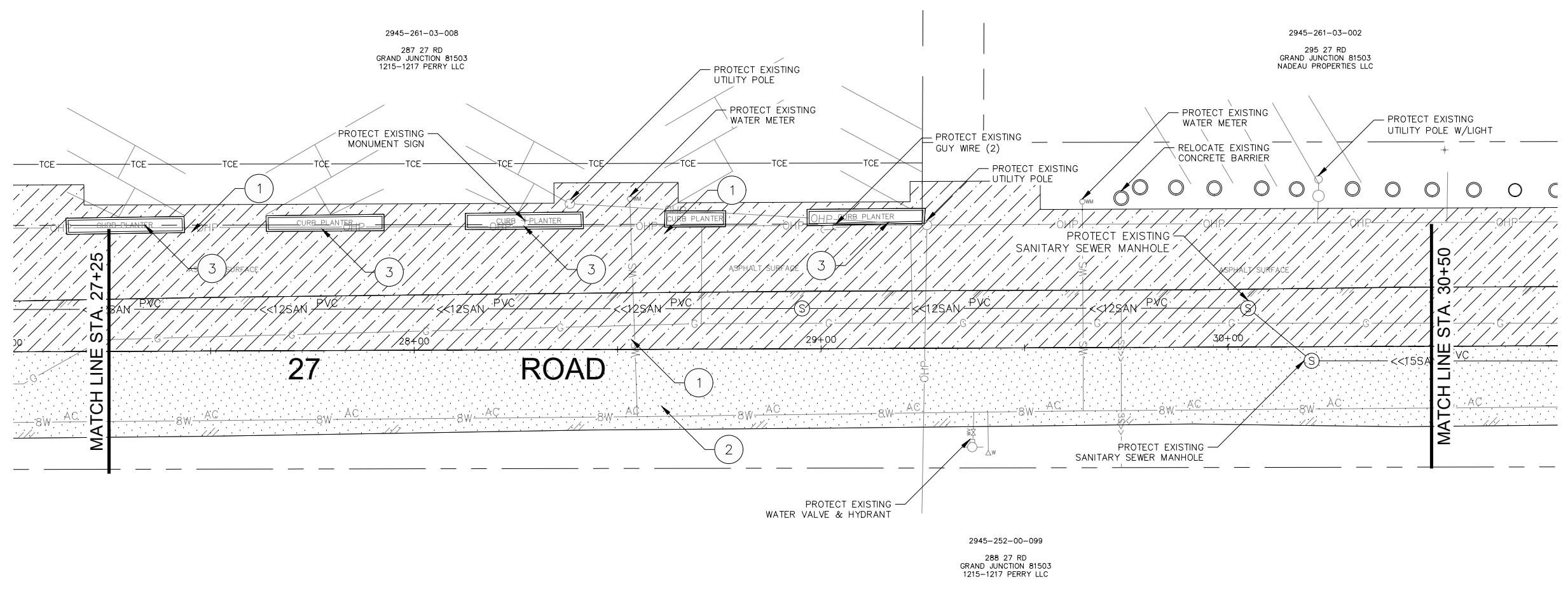
15+50.00

REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406
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REVISION B XXX		202X	DESIGNED BY: NCW DATE 03/2024
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REVISION D XXX		202X	APPROVED BY: KAH DATE

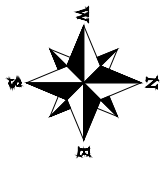
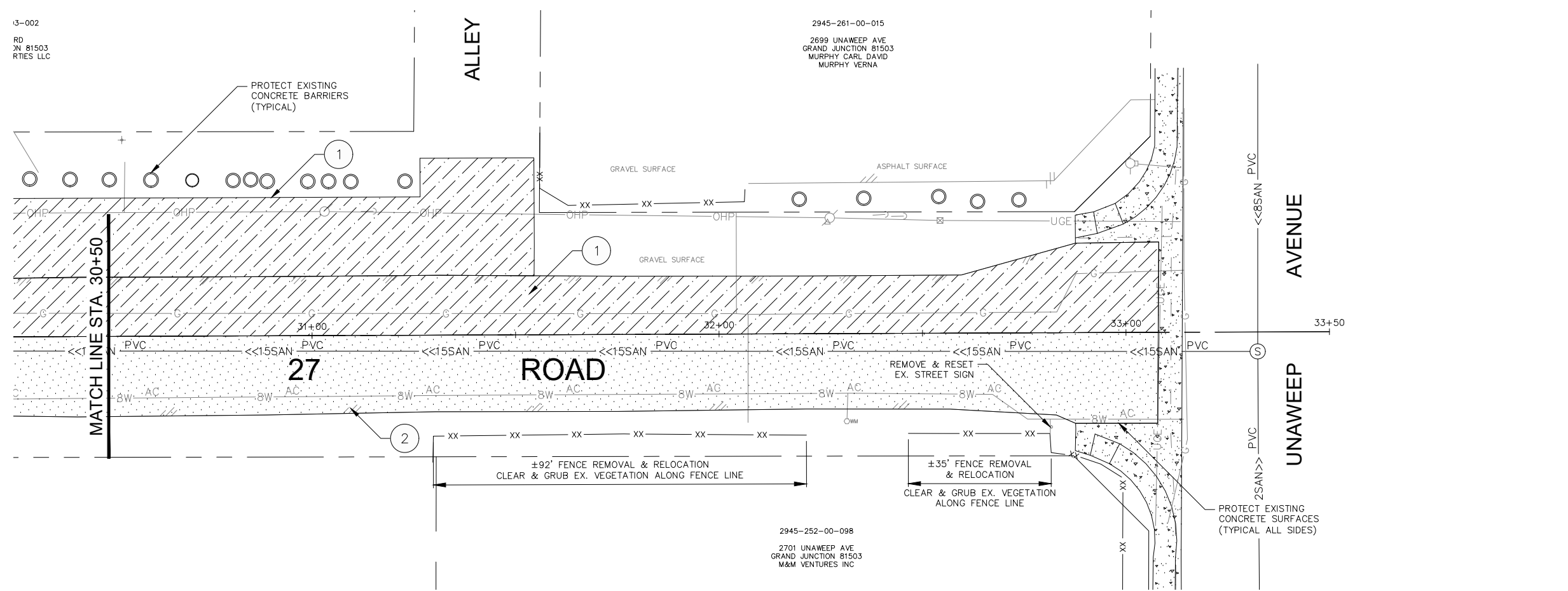


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CROSS SECTIONS - STA. 13+25 TO STA. 16+33.46
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Highway 50 - B 1/2 Road

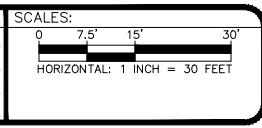


- REMOVAL LEGEND & NOTES**
- 1 REMOVAL OF ASPHALT MAT. SAW-CUT AND REMOVE ASPHALT FULL DEPTH AS SHOWN.
 - 2 REMOVAL OF ASPHALT MAT. (2" MILL DEPTH & VARIES) AS SHOWN.
 - 3 REMOVAL OF EXISTING LANDSCAPE PLANTER AS SHOWN.



REVISION	DESCRIPTION	DATE
REVISION A XXX		202X
REVISION B XXX		202X
REVISION C XXX		202X
REVISION D XXX		202X

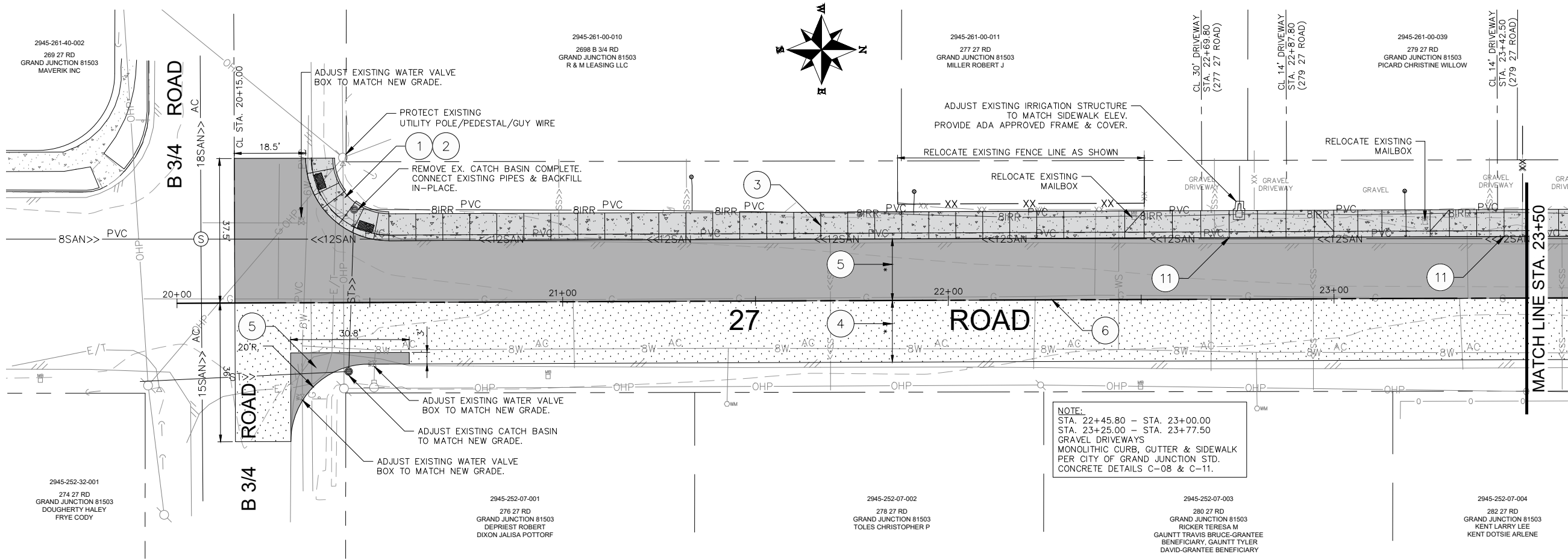
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DRAWN BY: NCW DATE 03/2024
DESIGNED BY: NCW DATE 03/2024
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ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

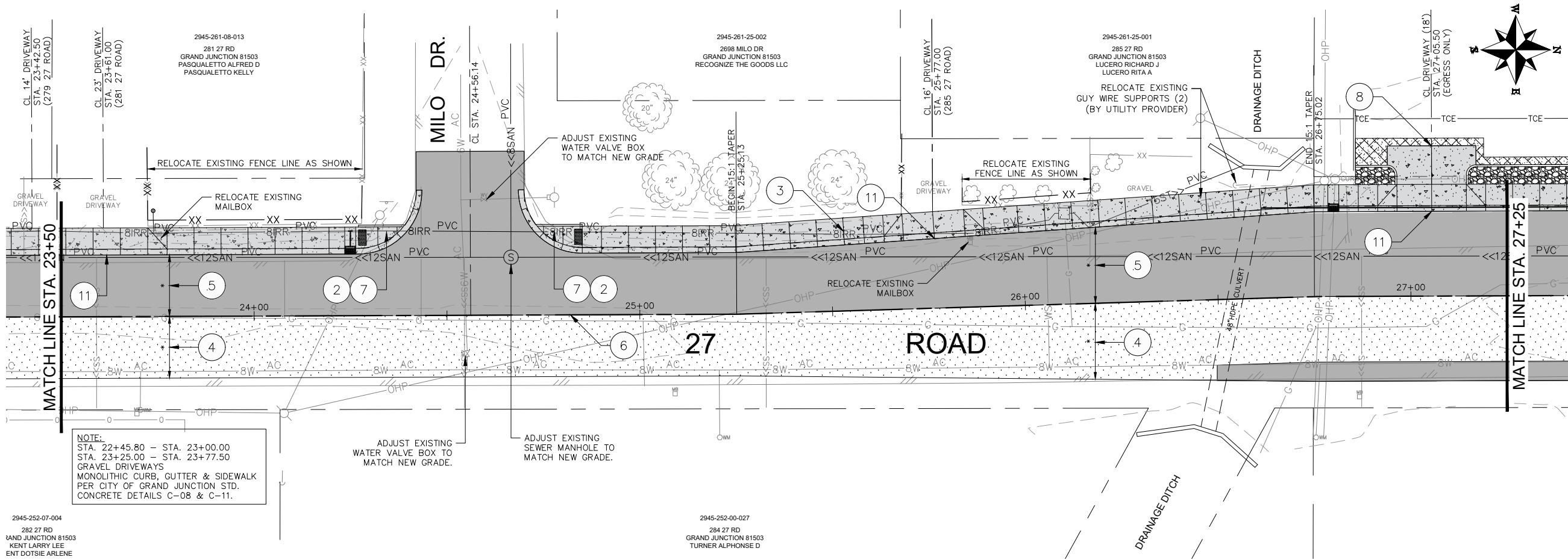
REMOVAL PLAN - STA. 27+25 TO STA. 33+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
UnawEEP Avenue - B 3/4 Road

n:\EngProj\F200405-406 srt5 27 road (south of unawEEP)\60CAD\ODESIGN\Removal Plan (UnawEEP - B.75).dwg - PLOTTED 3/27/2024 11:35:11 AM



- IMPROVEMENT PLAN NOTES**
- 1 CONCRETE CURB RETURN WITH VERTICAL CURB (20 FT. RADIUS)
TYPE 2 LARGE RADIUS CURB RAMP PER CDOT STD. PLAN NO. M-608-1 (STD. SHT. NO. 5)
 - 2 DETECTABLE WARNING PER CDOT M&S STANDARD PLAN M-608-1, SHEETS 9 & 10 OF 10.
 - 3 CONCRETE MONOLITHIC VERTICAL CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAIL C-02.
 - 4 MILL EXISTING ASPHALT SURFACE 2" & VARIES - HOT MIX ASPHALT (GRADING SX, 75) (SEE TYPICAL ROADWAY SECTIONS)
 - 5 5" - HOT MIX ASPHALT (GRADING SX, 75, BINDER GRADE PG 64-22) (1) - 3" LIFT, (1) - 2" LIFT) (SEE TYPICAL ROADWAY SECTIONS)
 - 6 CL NEW IMPROVEMENTS (CROWN OF ROADWAY) (SEE TYPICAL ROADWAY SECTIONS)
 - 7 CONCRETE CURB RETURN WITH VERTICAL CURB (15 FT. RADIUS)
TYPE 2 SMALL RADIUS CURB RAMP FOR CROSSINGS IN ONE DIRECTION PER CDOT STD. PLAN NO. M-608-1 (STD. SHT. NO. 5)
 - 8 CONCRETE DRIVEWAY ACCESS (SEE DRIVEWAY DETAILS - SHEET 5)
 - 11 DRIVEWAY - MONOLITHIC CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAILS C-08 & C-11.

NOTE:
 STA. 22+45.80 - STA. 23+00.00
 STA. 23+25.00 - STA. 23+77.50
 GRAVEL DRIVEWAYS
 MONOLITHIC CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAILS C-08 & C-11.

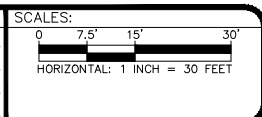


- IMPROVEMENT PLAN LEGEND**
- CONCRETE SIDEWALK & CONCRETE PAVEMENT
 - HOT MIX ASPHALT
 - MILLED ASPHALT SURFACE
HOT MIX ASPHALT
 - ASPHALT SURFACE PATCH (MATCH EXISTING DEPTH) (FIELD VERIFY DEPTH)
 - LANDSCAPE ROCK - 6" (MIN. SIZE 1")

NOTE:
 STA. 22+45.80 - STA. 23+00.00
 STA. 23+25.00 - STA. 23+77.50
 GRAVEL DRIVEWAYS
 MONOLITHIC CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAILS C-08 & C-11.

REVISION	DESCRIPTION	DATE
REVISION Δ XXX		202X
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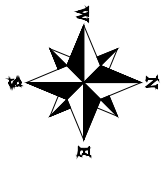
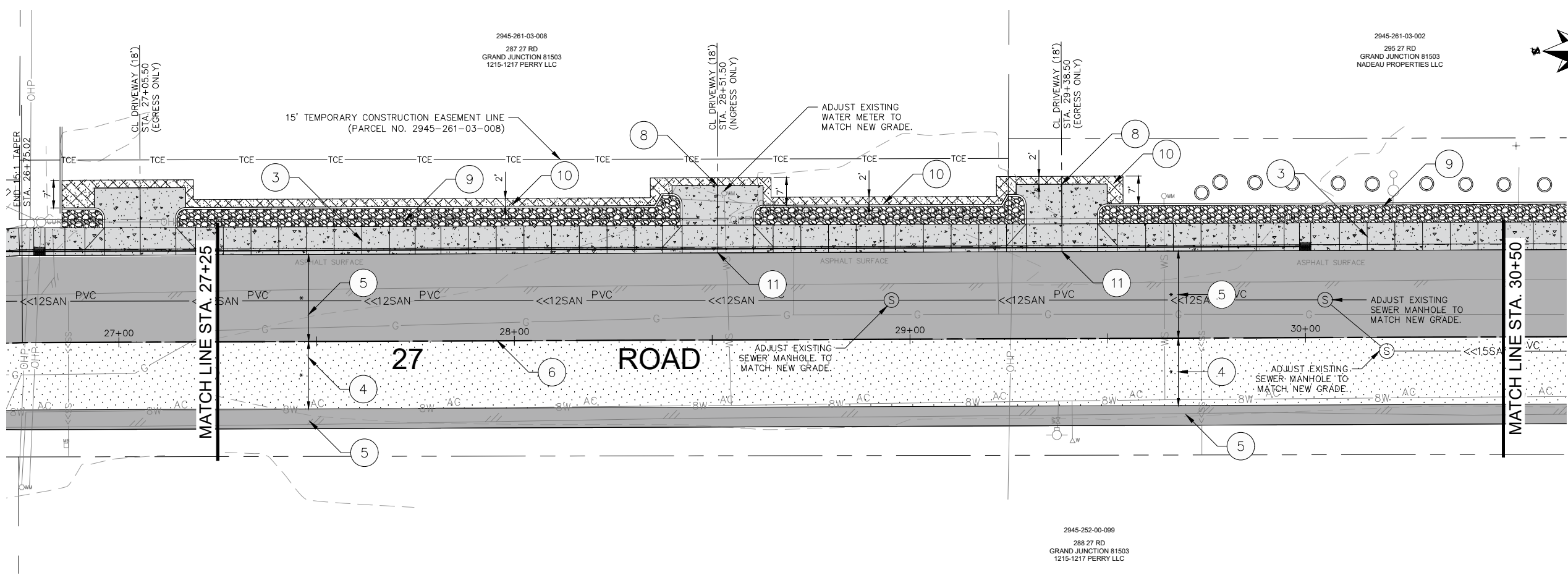
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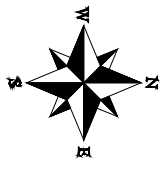
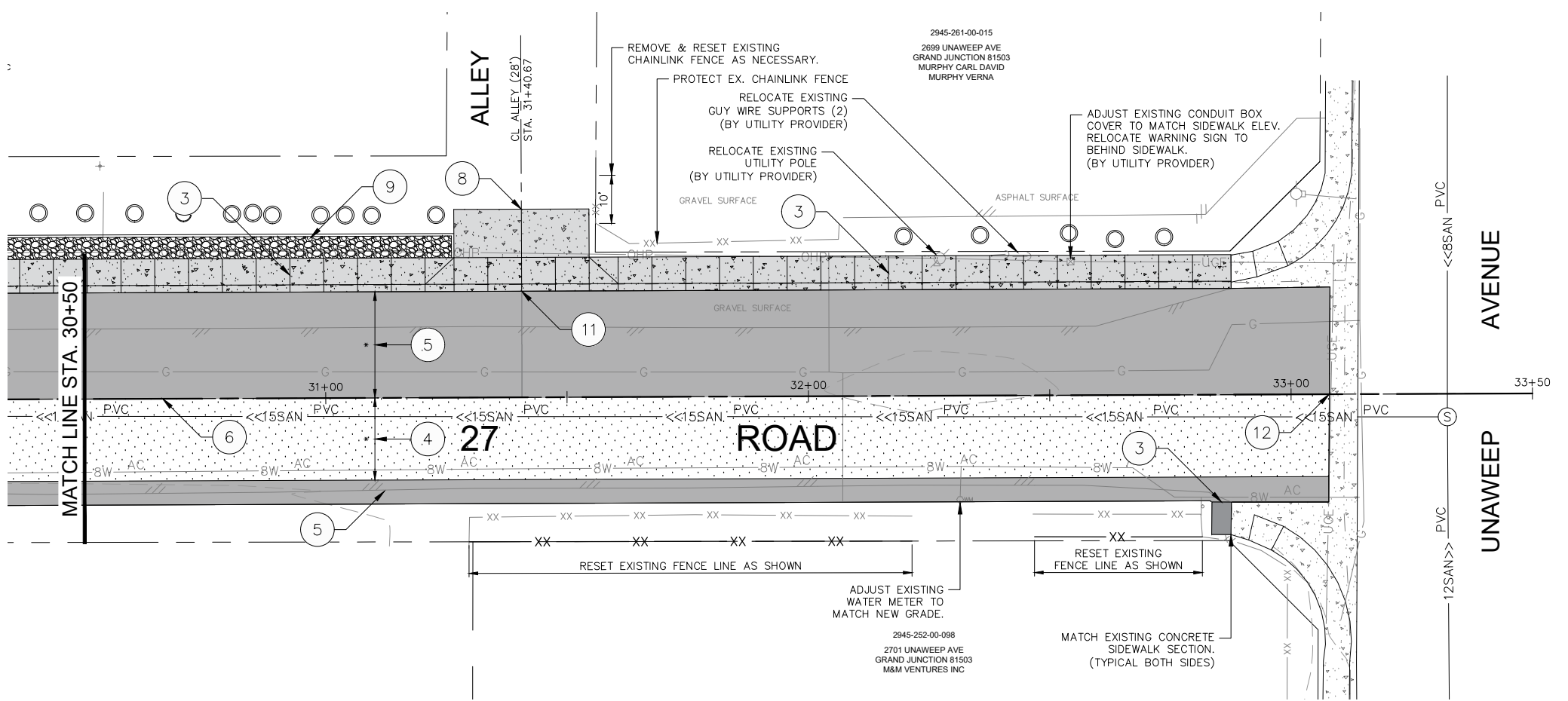
ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

IMPROVEMENT PLAN - STA. 20+00 TO STA. 27+25
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srts 27 road (south of unaweep)\south of hwy 50\60CAD\ODESIGN\Improvement Plan (Unaweep - B:75).dwg - PLOTTED 3/27/2024 11:35:46 AM



- IMPROVEMENT PLAN NOTES**
- 3 CONCRETE MONOLITHIC VERTICAL CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAIL C-02.
 - 4 MILL EXISTING ASPHALT SURFACE 2" & VARIES - HOT MIX ASPHALT (GRADING SX, 75) (SEE TYPICAL ROADWAY SECTIONS)
 - 5 5" - HOT MIX ASPHALT (GRADING SX, 75, BINDER GRADE PG 64-22) (1) - 3" LIFT, (1) - 2" LIFT (SEE TYPICAL ROADWAY SECTIONS)
 - 6 CL NEW IMPROVEMENTS (CROWN OF ROADWAY) (SEE TYPICAL PAVEMENT SECTIONS)
 - 8 CONCRETE DRIVEWAY ACCESS (SEE DRIVEWAY DETAILS - SHEET 5)
 - 9 4.5' WIDE LANDSCAPE AREA LANDSCAPE ROCK - 6" (1" MIN. SIZE) (SEE TYPICAL ROADWAY SECTIONS)
 - 10 SAW-CUT ASPHALT PAVEMENT FULL DEPTH ADJACENT TO NEW CONCRETE PAVEMENT & CURB AS SHOWN. MATCH EXISTING PAVEMENT ELEVATIONS.
 - 11 DRIVEWAY - MONOLITHIC CURB, GUTTER & SIDEWALK PER CITY OF GRAND JUNCTION STD. CONCRETE DETAILS C-08 & C-11.
 - 12 END NEW ASPHALT ROADWAYSURFACE STA. 33+07.91 MATCH EXISTING CONCRETE V-PAN ALL SIDES.



- IMPROVEMENT PLAN LEGEND**
- CONCRETE SIDEWALK & CONCRETE PAVEMENT
 - HOT MIX ASPHALT
 - MILLED ASPHALT SURFACE
HOT MIX ASPHALT
 - ASPHALT SURFACE PATCH (MATCH EXISTING DEPTH) (FIELD VERIFY DEPTH)
 - LANDSCAPE ROCK - 6" (MIN. SIZE 1")

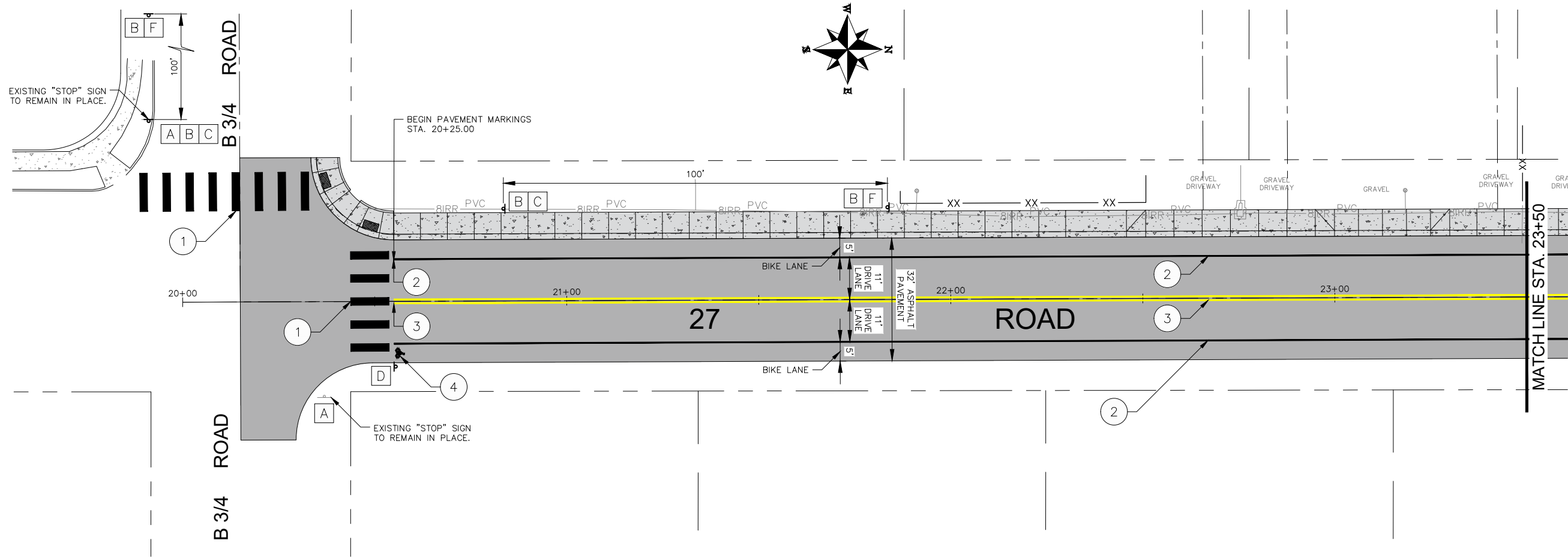
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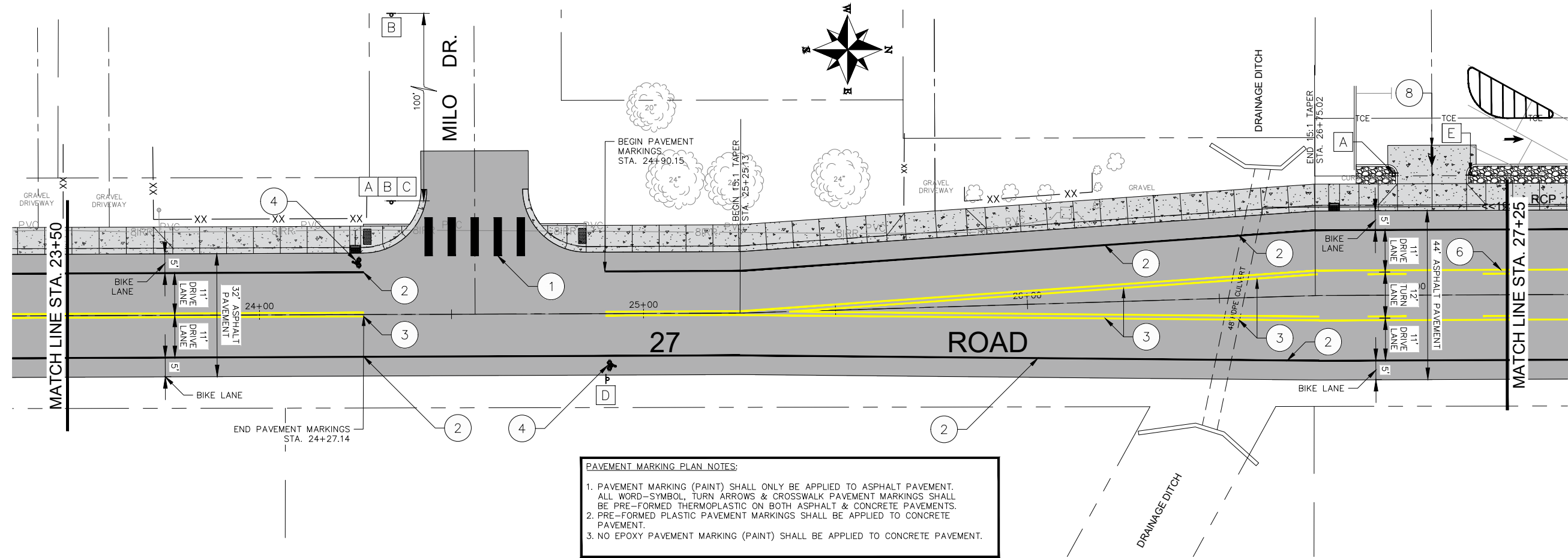
ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

IMPROVEMENT PLAN - STA. 27+25 TO STA. 33+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unawep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srt5 27 road (south of unawep)\60CAD\DESIGN\Improvement Plan (Unawep - B:75).dwg - PLOTTED 3/27/2024 11:36:17 AM



- PAVEMENT MARKINGS PLAN NOTES**
- 1 WHITE 2' x 9' CROSSWALK BARS PAVEMENT MARKINGS
 - 2 4" WIDE SOLID WHITE EDGE LINE PAVEMENT MARKING (BY CITY OF GRAND JUNCTION - CONTRACTOR TO COORDINATE WITH CITY CREWS)
 - 3 (2) - 4" WIDE SOLID YELLOW LINE (CENTERLINE) PAVEMENT MARKING (BY CITY OF GRAND JUNCTION - CONTRACTOR TO COORDINATE WITH CITY CREWS)
 - 4 WHITE BIKE LANE SYMBOL PAVEMENT MARKING



- SIGN LEGEND**
- A R1-1 STOP SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - B W11-2 PEDESTRIAN SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - C W16-7P DOWNWARD DIRECTIONAL ARROW SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - D W11-1 BICYCLE SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - E R5-1 DO NOT ENTER SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - F W16-9P AHEAD SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)

- PAVEMENT MARKING PLAN NOTES:**
1. PAVEMENT MARKING (PAINT) SHALL ONLY BE APPLIED TO ASPHALT PAVEMENT. ALL WORD-SYMBOL, TURN ARROWS & CROSSWALK PAVEMENT MARKINGS SHALL BE PRE-FORMED THERMOPLASTIC ON BOTH ASPHALT & CONCRETE PAVEMENTS.
 2. PRE-FORMED PLASTIC PAVEMENT MARKINGS SHALL BE APPLIED TO CONCRETE PAVEMENT.
 3. NO EPOXY PAVEMENT MARKING (PAINT) SHALL BE APPLIED TO CONCRETE PAVEMENT.

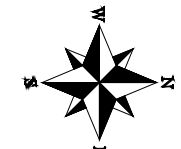
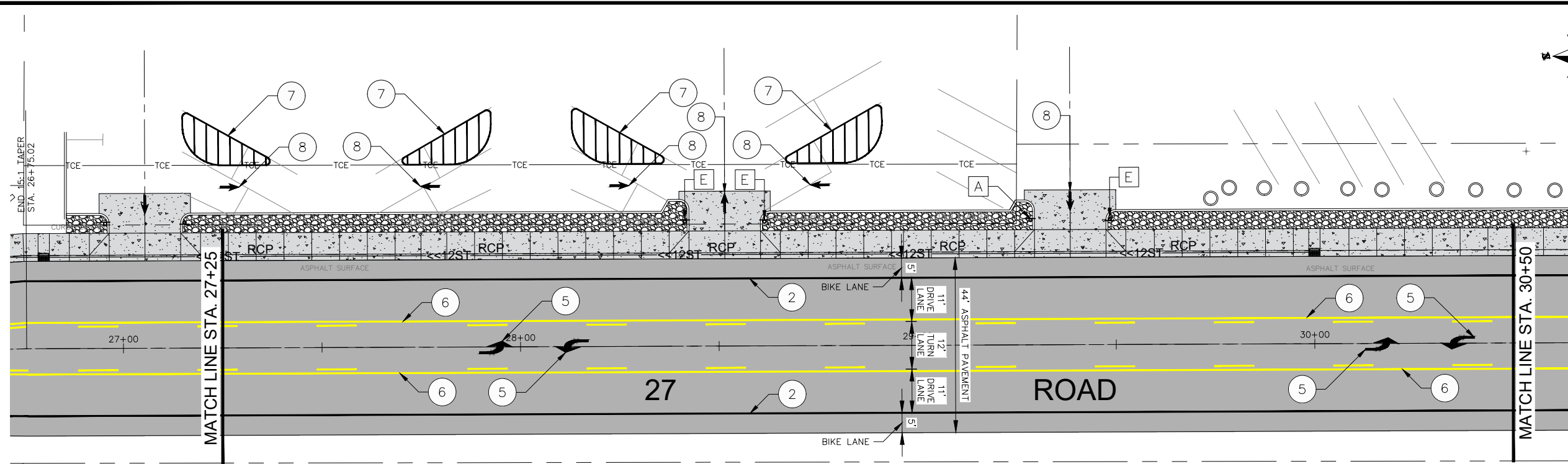
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REVISION Δ XXX		202X	CHECKED BY: LMF DATE 03/2024
REVISION Δ XXX		202X	APPROVED BY: KAH DATE



ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

PAVEMENT MARKINGS PLAN - STA. 20+00 TO STA. 27+25
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unaweep Avenue - B 3/4 Road

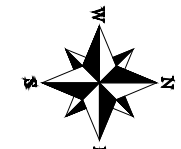
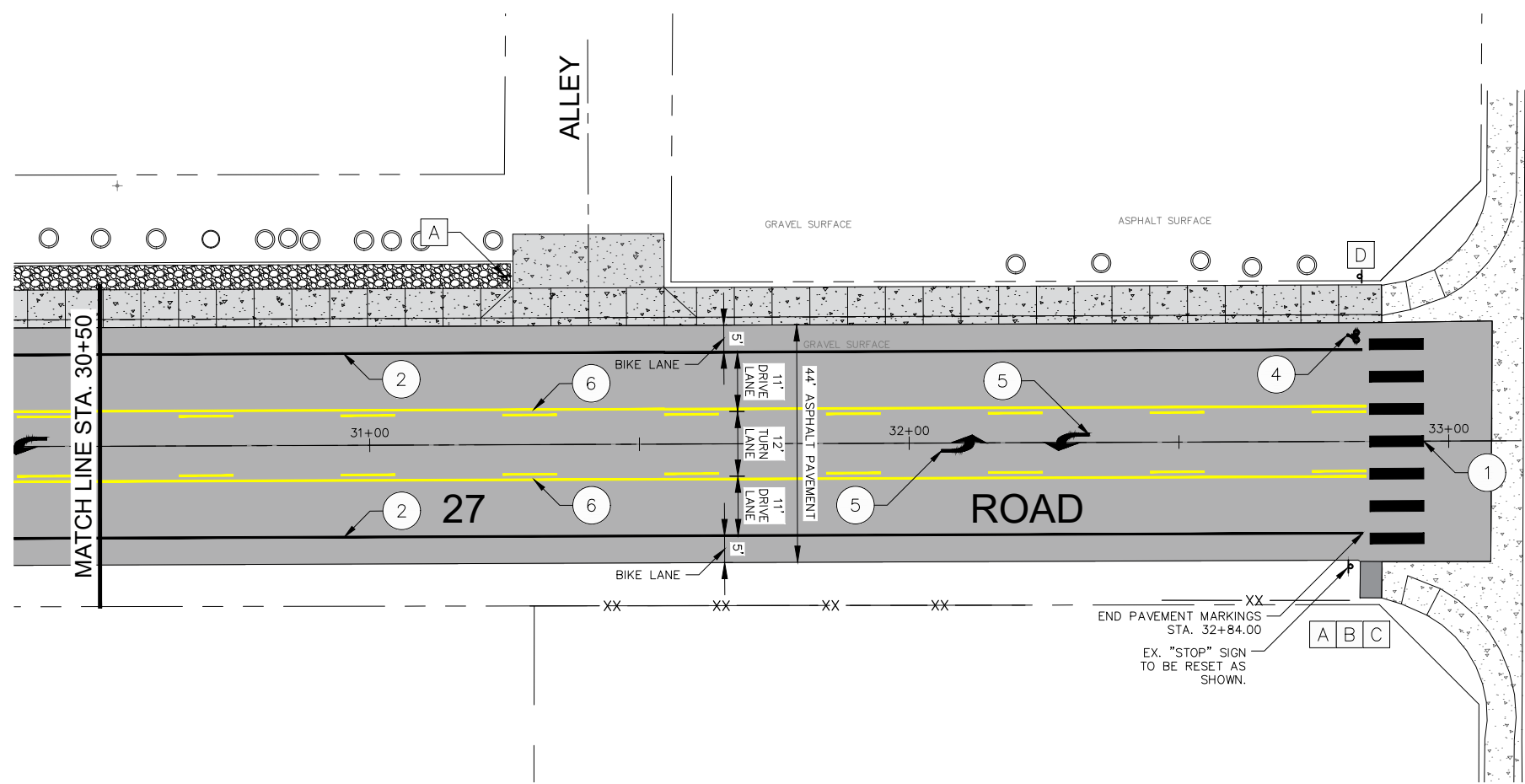
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- PAVEMENT MARKINGS PLAN NOTES**
- 1 WHITE 2' x 9' CROSSWALK BARS PAVEMENT MARKINGS
 - 2 4" WIDE SOLID WHITE EDGE LINE PAVEMENT MARKING (BY CITY OF GRAND JUNCTION - CONTRACTOR TO COORDINATE WITH CITY CREWS)
 - 3 (2) - 4" WIDE SOLID YELLOW LINE (CENTERLINE) PAVEMENT MARKING (BY CITY OF GRAND JUNCTION - CONTRACTOR TO COORDINATE WITH CITY CREWS)
 - 4 WHITE BIKE LANE SYMBOL PAVEMENT MARKING
 - 5 WHITE LEFT TURN ARROW SYMBOL PAVEMENT MARKING
 - 6 (1) - 4" WIDE SOLID YELLOW LINE (1) - 4" WIDE BROKEN YELLOW LINE PAVEMENT MARKING
 - 7 3" WIDE SOLID PARKING ISLAND LINES PAVEMENT MARKINGS
 - 8 WHITE DIRECTIONAL ARROW PAVEMENT MARKING

PAVEMENT MARKING PLAN NOTES:

1. PAVEMENT MARKING (PAINT) SHALL ONLY BE APPLIED TO ASPHALT PAVEMENT. ALL WORD-SYMBOL, TURN ARROWS & CROSSWALK PAVEMENT MARKINGS SHALL BE PRE-FORMED THERMOPLASTIC ON BOTH ASPHALT & CONCRETE PAVEMENTS.
2. PRE-FORMED PLASTIC PAVEMENT MARKINGS SHALL BE APPLIED TO CONCRETE PAVEMENT.
3. NO EPOXY PAVEMENT MARKING (PAINT) SHALL BE APPLIED TO CONCRETE PAVEMENT.



- SIGN LEGEND**
- A R1-1 STOP SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - B W11-2 PEDESTRIAN SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - C W16-7P DOWNWARD DIRECTIONAL ARROW SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - D W11-1 BICYCLE SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)
 - E R5-1 DO NOT ENTER SIGN MOUNTED ON A STEEL SIGN POST (TYPICAL)

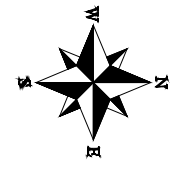
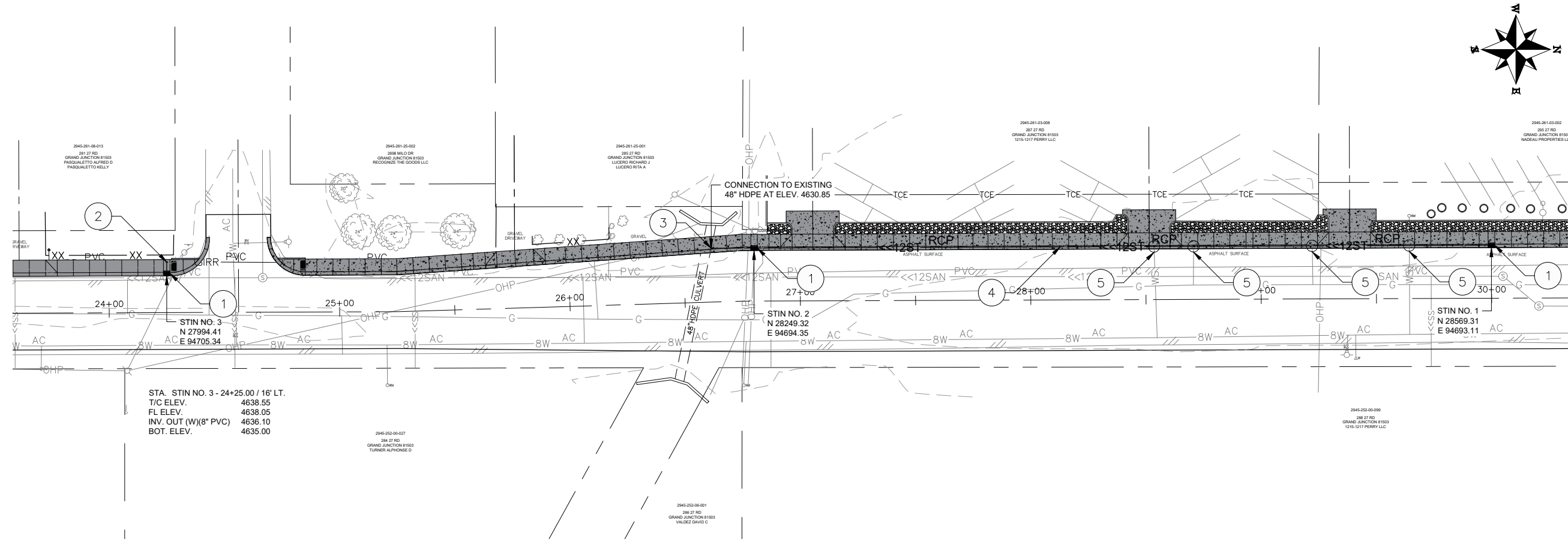
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REVISION Δ XXX		202X	APPROVED BY: KAH DATE



ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

PAVEMENT MARKINGS PLAN - STA. 27+25 TO STA. 33+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road

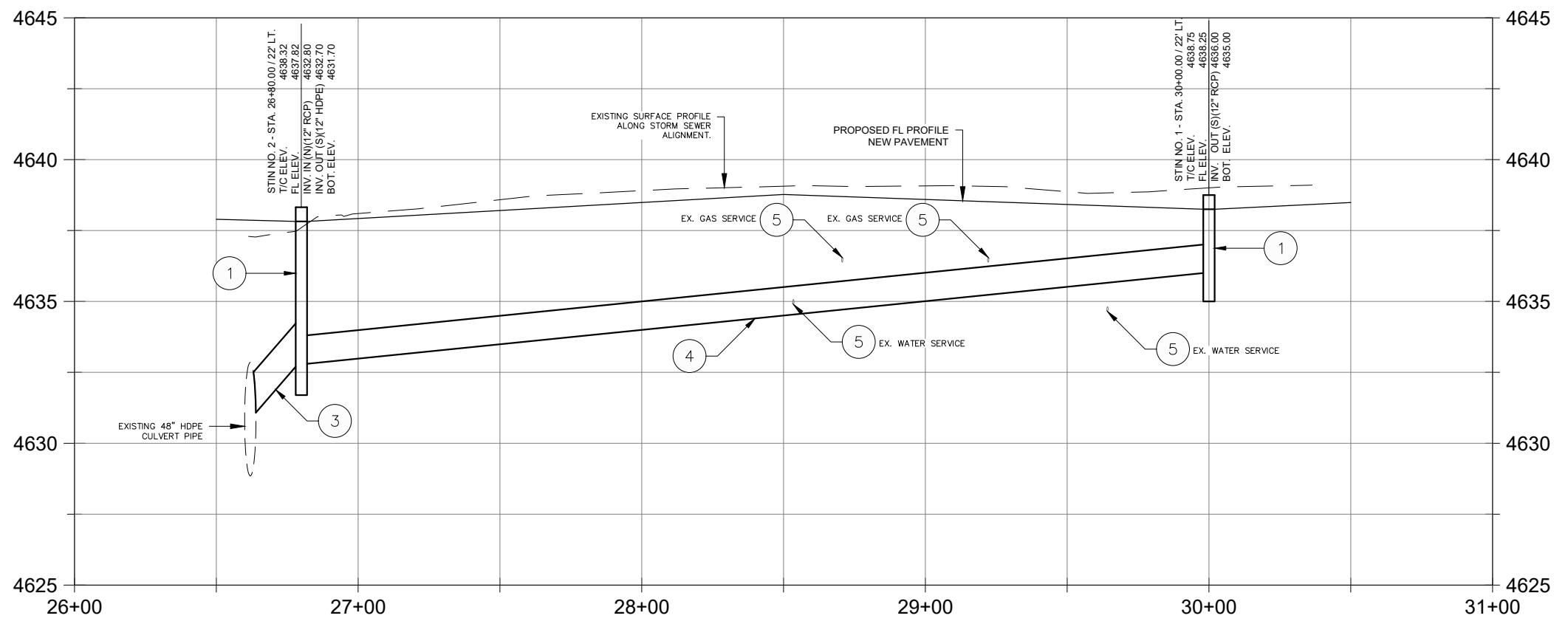
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STORM SEWER PLAN NOTES

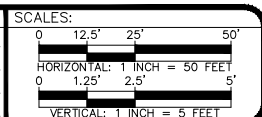
- 1 STORM DRAIN INLET PER CITY OF GRAND JUNCTION STD. STORM DRAIN INLET WITH VERTICAL CURB OPENING. DETAIL D-07.
- 2 8 L.F. - 8" PVC (SDR21) STORM PIPE AT 1.00%. PROVIDE 8"x8"x8" PVC (SDR21) TEE CONNECTION TO EX. 8" PVC (SDR21) IRRIGATION LINE. VERIFY LOCATION & DEPTH OF EXISTING PIPE.
- 3 18 L.F. - 12" HDPE STORM PIPE AT 10.28%. MAKE WATERTIGHT TEE CONNECTION TO EX. 48" HDPE CULVERT. VERIFY LOCATION & INVERT ELEVATION OF EXISTING PIPE.
- 4 320 L.F. - 12" RCP STORM PIPE AT 1.00% FROM STORM DRAIN INLET NO. 1 TO STORM DRAIN INLET NO. 2.
- 5 EXISTING UTILITY CROSSING. VERIFY LOCATION & ELEVATION OF EXISTING UTILITY.

STA. STIN NO. 3 - 24+25.00 / 16' LT.
 T/C ELEV. 4638.55
 FL ELEV. 4638.05
 INV. OUT (W)8" PVC 4636.10
 BOT. ELEV. 4635.00



REVISION	DESCRIPTION	DATE
REVISION XXX		202X
REVISION XXX		202X
REVISION XXX		202X
REVISION XXX		202X

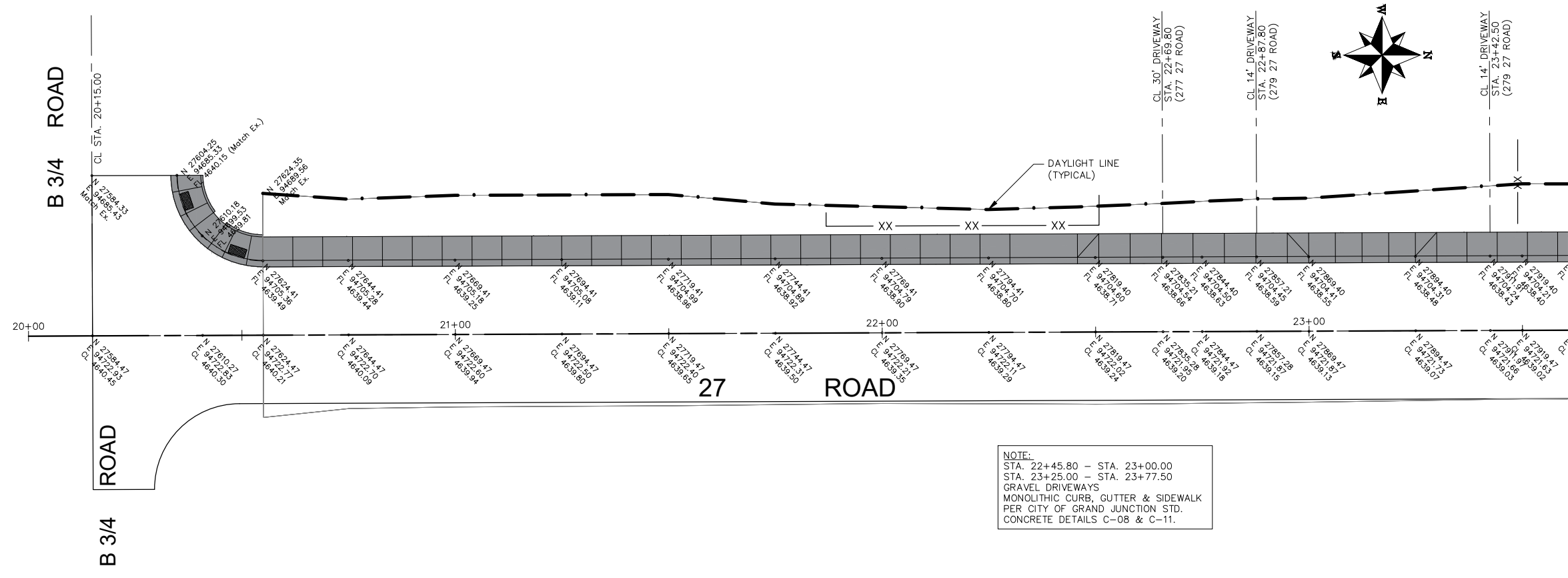
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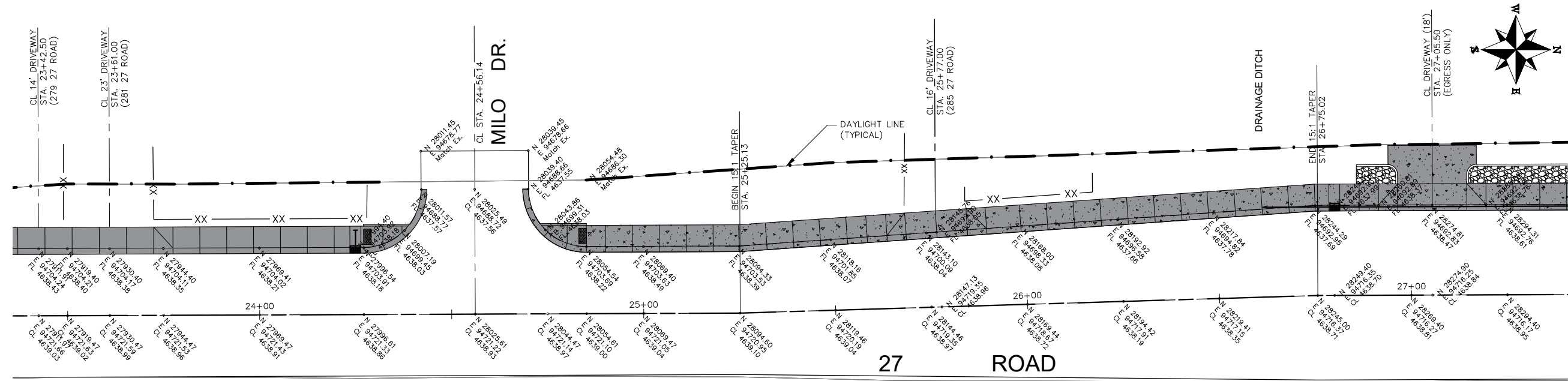
ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

STORM SEWER PLAN & PROFILE
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srts 27 road (south of unaweep)\south of hwy 50\60CAD\ODESIGN\Storm Sewer Plan & Profile (Unaweep - B.75).dwg - PLOTTED 3/27/2024 11:37:47 AM

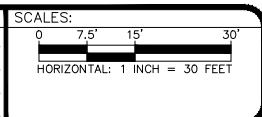


NOTE:
 STA. 22+45.80 - STA. 23+00.00
 STA. 23+25.00 - STA. 23+77.50
 GRAVEL DRIVEWAYS
 MONOLITHIC CURB, GUTTER & SIDEWALK
 PER CITY OF GRAND JUNCTION STD.
 CONCRETE DETAILS C-08 & C-11.



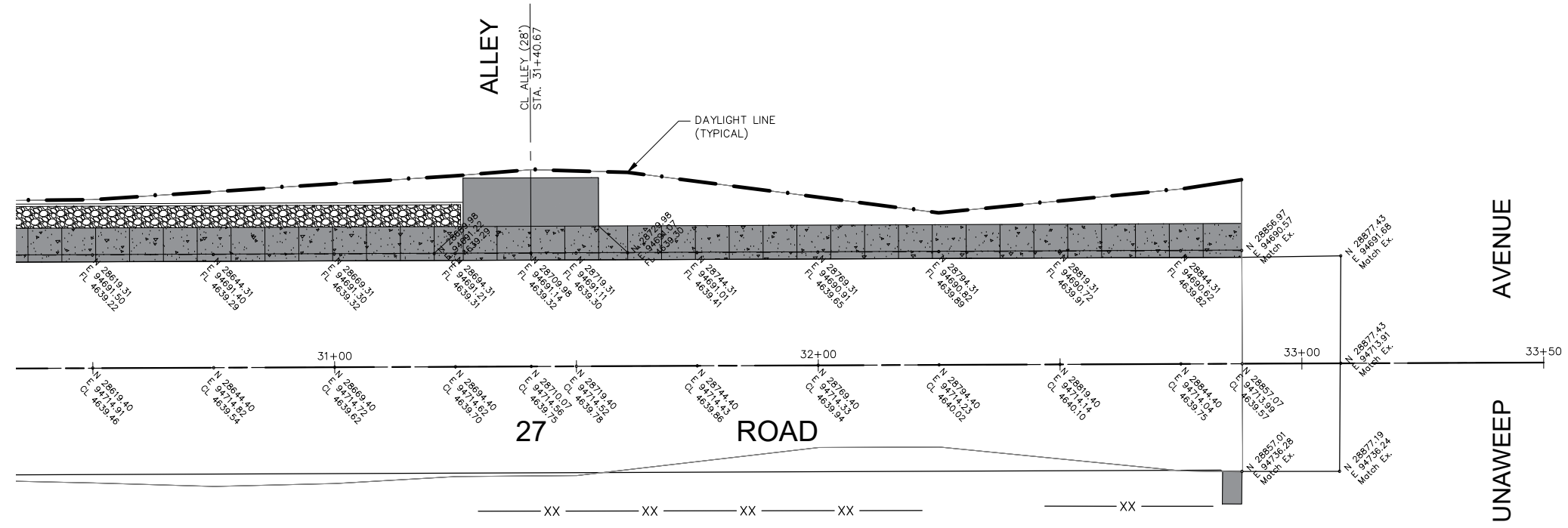
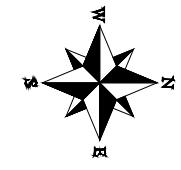
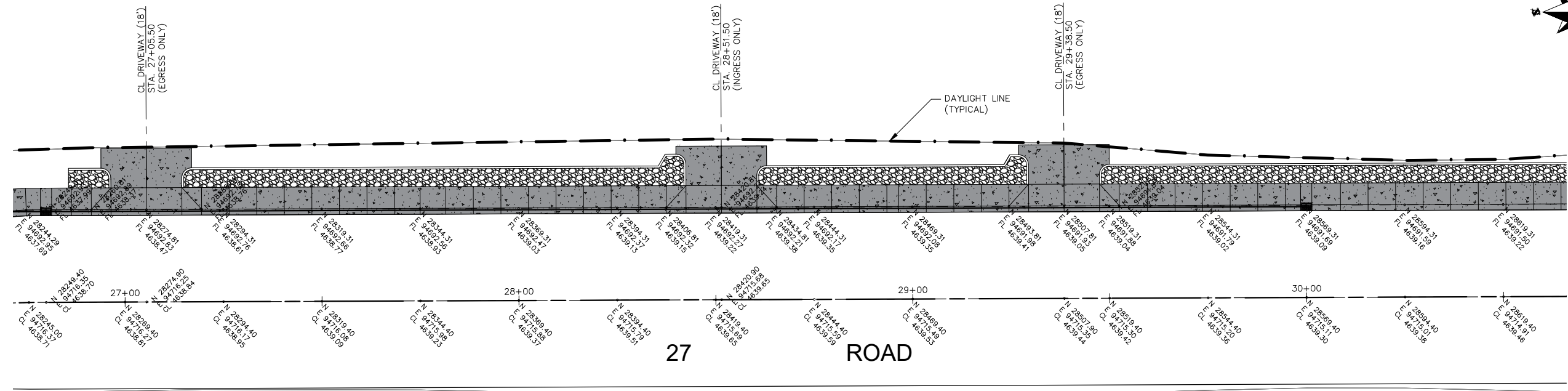
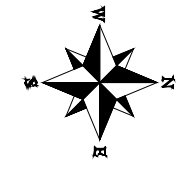
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REVISION XXX		202X
REVISION XXX		202X
REVISION XXX		202X
REVISION XXX		202X

PROJECT NO. F200405 / F200406
DRAWN BY: NCW DATE 03/2024
DESIGNED BY: NCW DATE 03/2024
CHECKED BY: LMF DATE 03/2024
APPROVED BY: KAH DATE



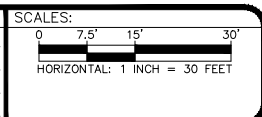
ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

STAKING PLAN - STA. 20+00 TO STA. 27+25
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road



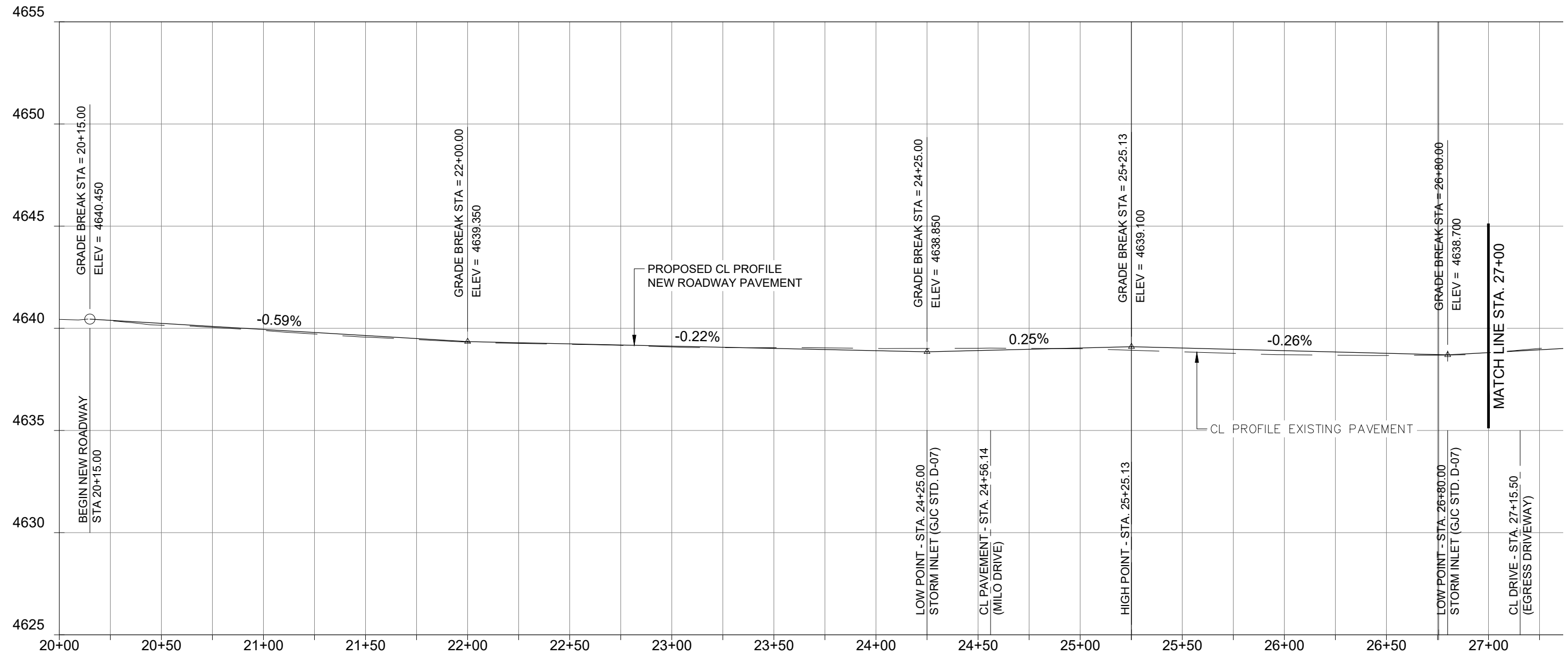
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PROJECT NO. F200405 / F200406
DRAWN BY: NCW DATE 03/2024
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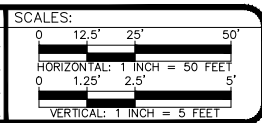


ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

STAKING PLAN - STA. 27+25 TO STA. 33+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unawep Avenue - B 3/4 Road



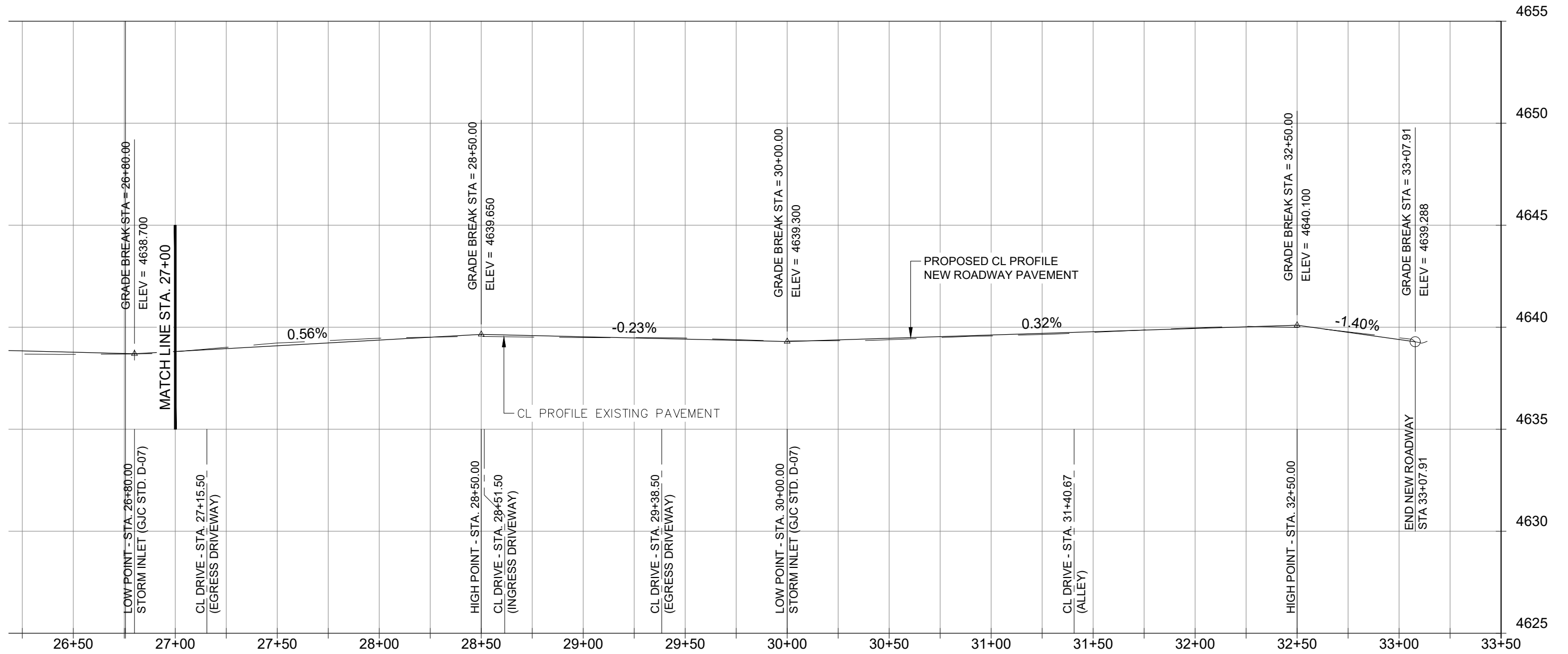
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REVISION Δ XXX		- 202X	CHECKED BY: LMF DATE 03/2024
REVISION Δ XXX		- 202X	APPROVED BY: KAH DATE



ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

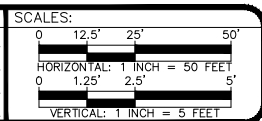
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SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srts 27 road (south of unaweep)\south of hwy 50\60CAD\ODESIGN\CL Roadway Profile (Unaweep - B.75).dwg - PLOTTED 3/27/2024 11:38:01 AM



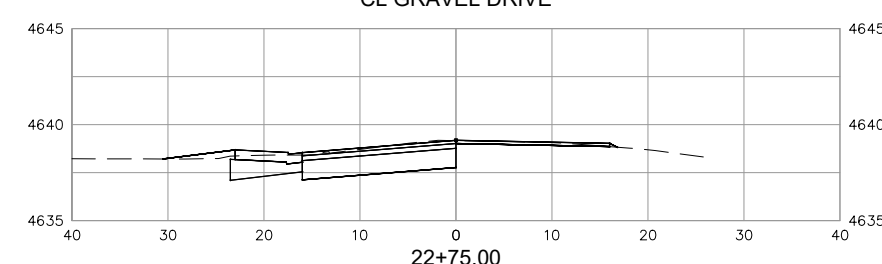
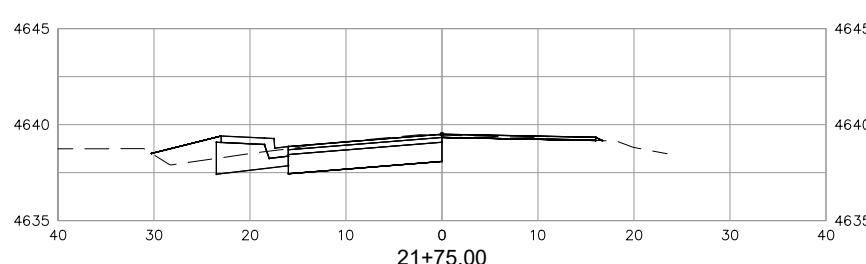
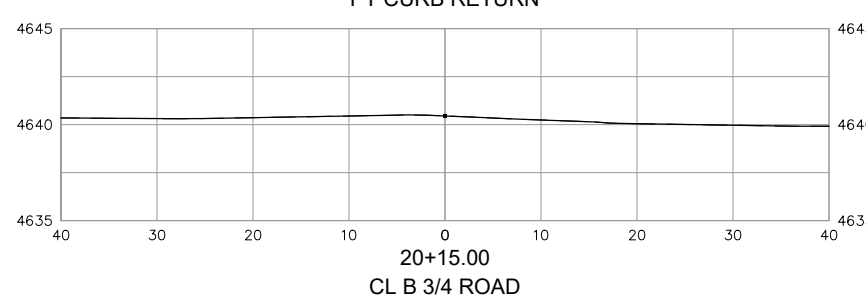
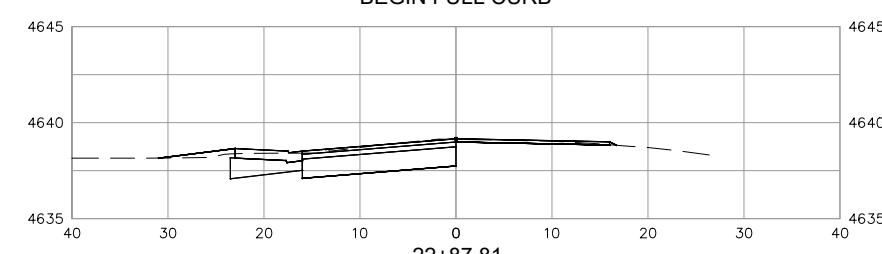
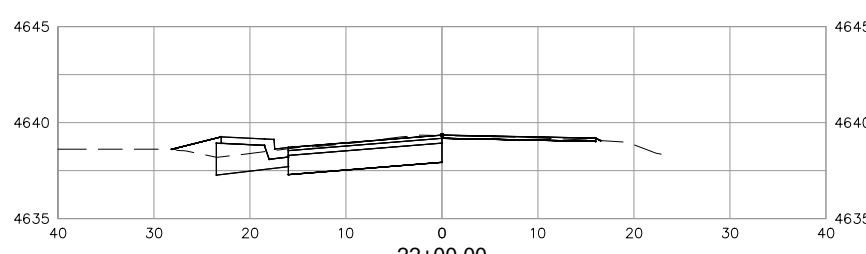
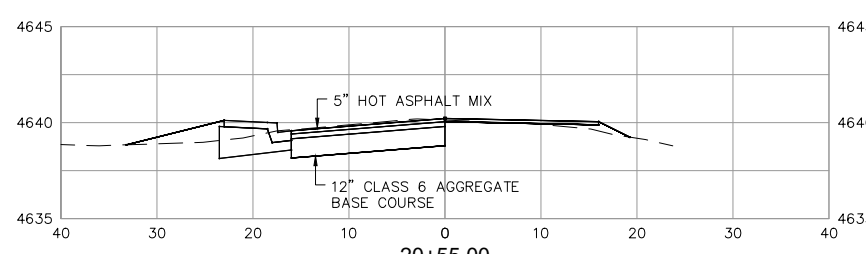
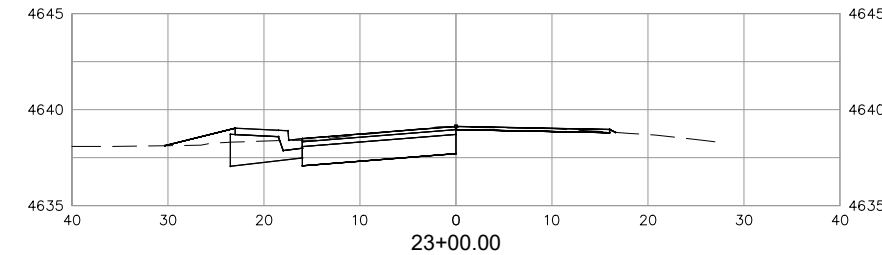
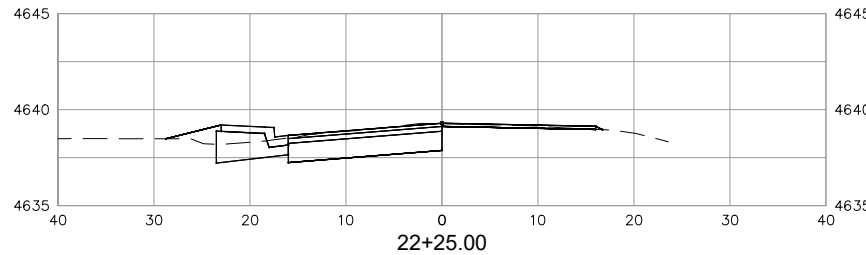
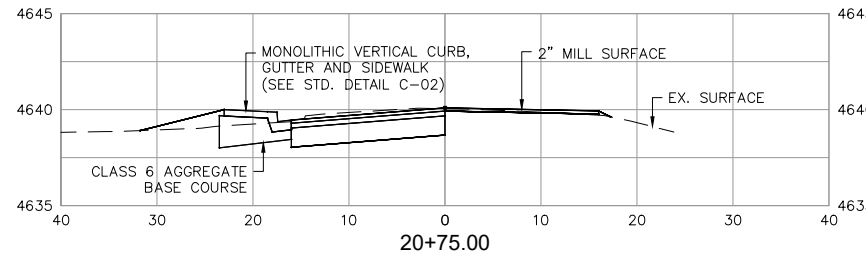
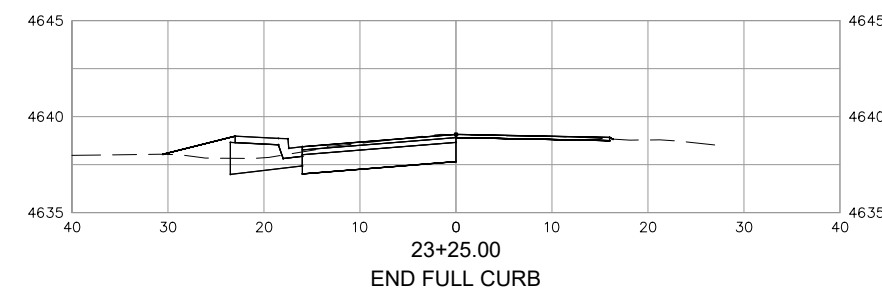
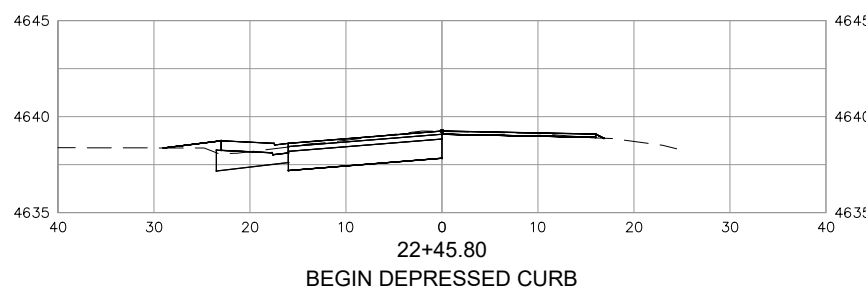
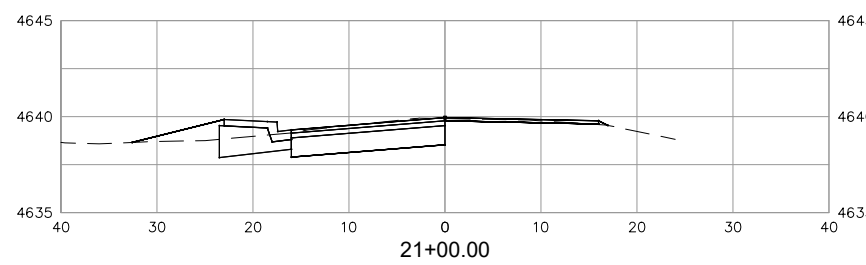
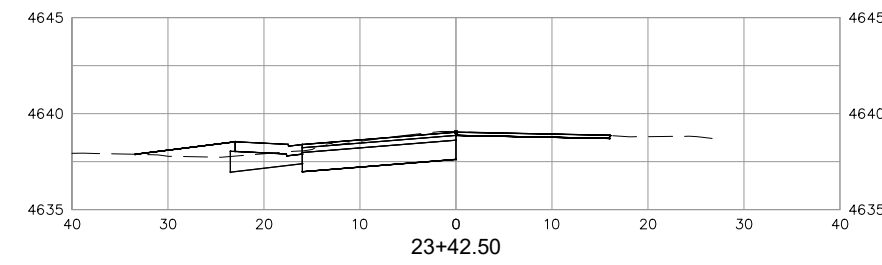
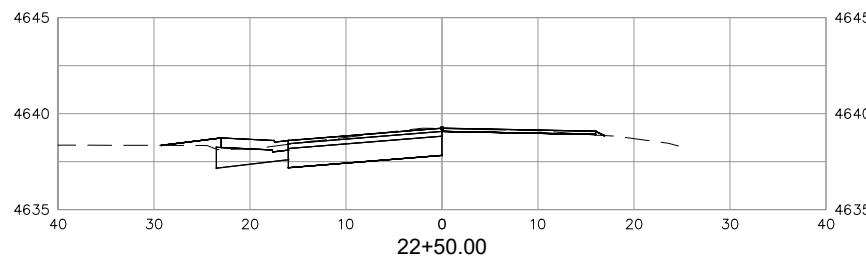
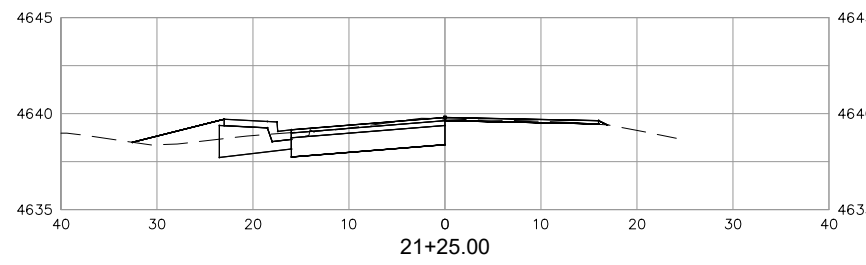
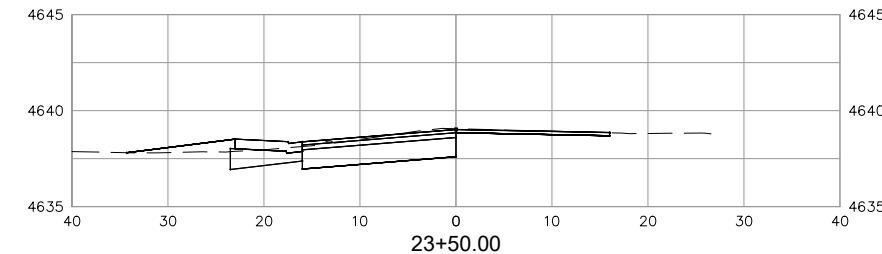
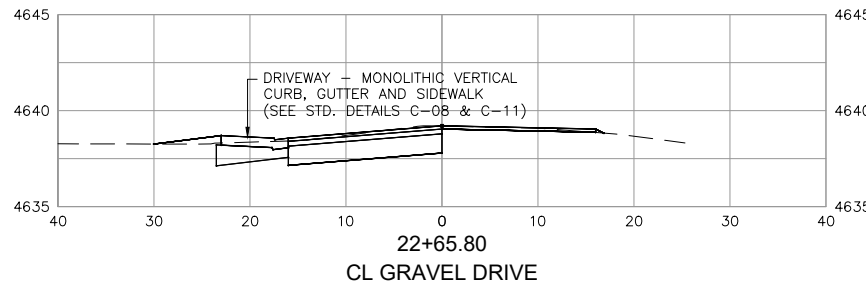
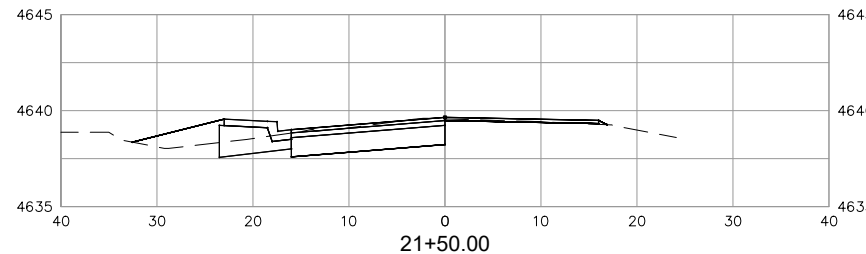
REVISION	DESCRIPTION	DATE
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PROJECT NO. F200405 / F200406	
DRAWN BY: NCW	DATE 03/2024
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APPROVED BY: KAH	DATE



ENGINEERING & TRANSPORTATION DEPARTMENT
 244 North 7th Street - Grand Junction, CO, 81501

CL ROADWAY PROFILE - STA. 27+00 TO STA. 31+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
 Unaweep Avenue - B 3/4 Road



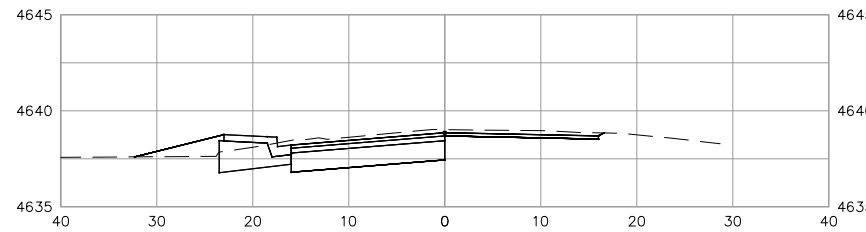
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REVISION Δ XXX	-	202X	APPROVED BY: KAH DATE



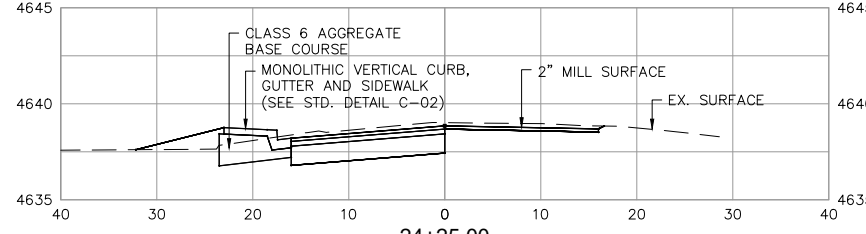
ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

CROSS SECTIONS - STA. 20+15 TO STA. 23+50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unaweep Avenue - B 3/4 Road

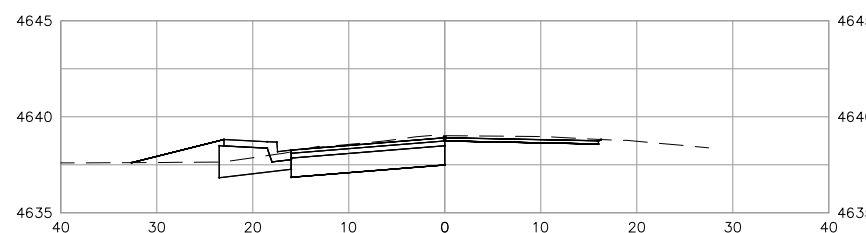
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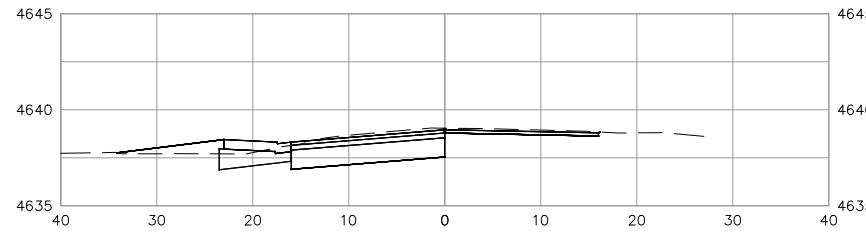
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PC CURB RETURN



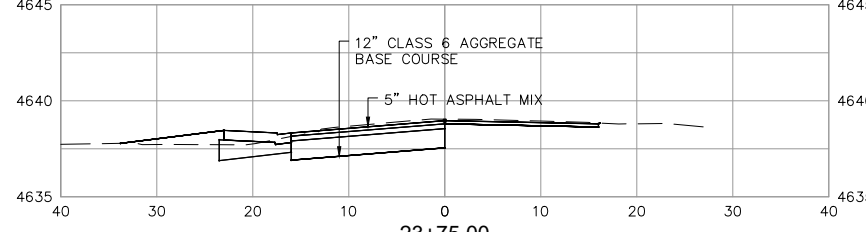
24+25.00



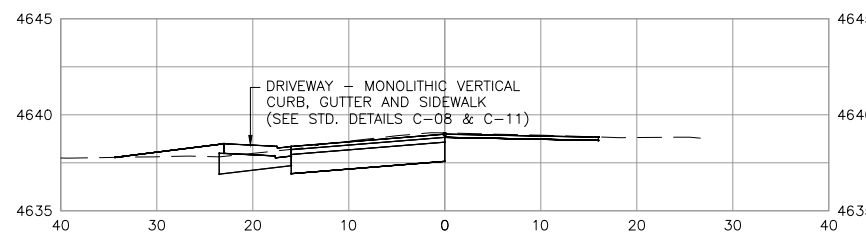
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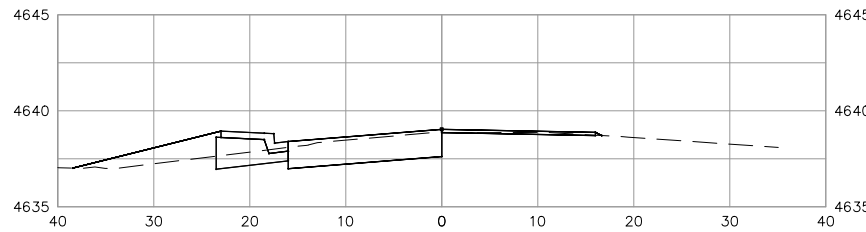
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END DEPRESSED CURB



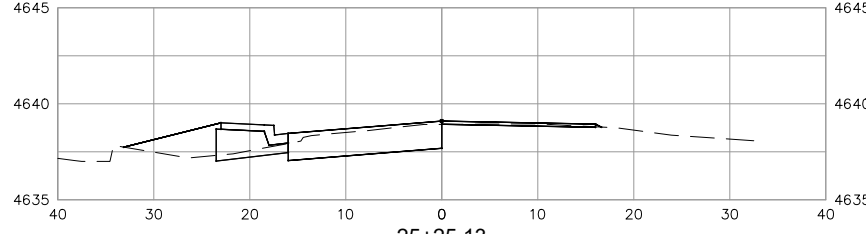
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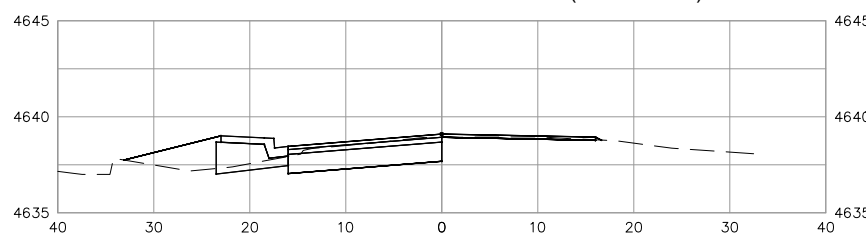
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CL GRAVEL DRIVE



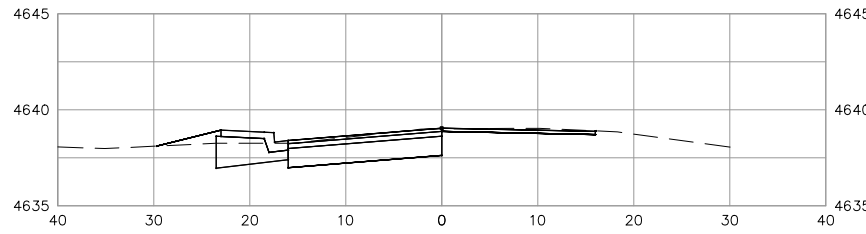
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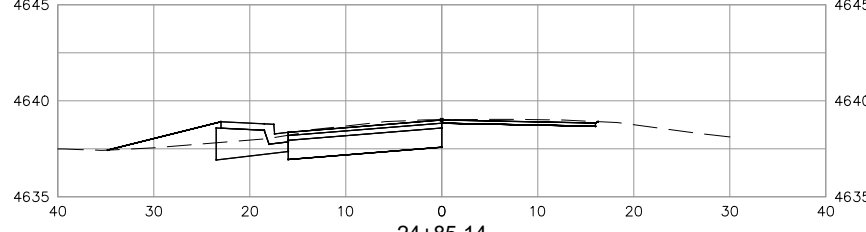
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PI CL ROADWAY - BEGIN TURN LANE (15:1 TAPER)



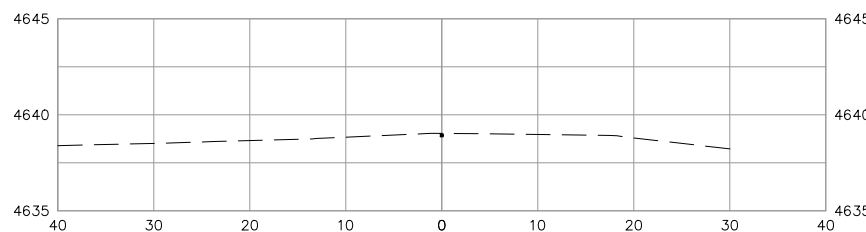
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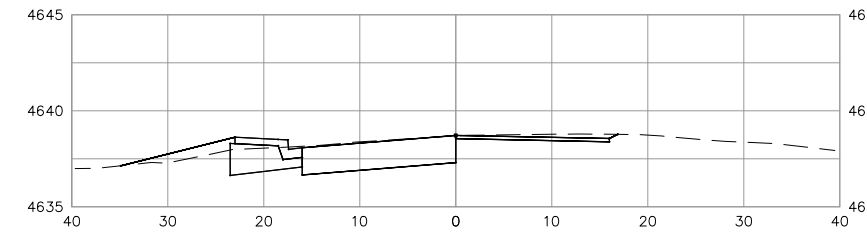
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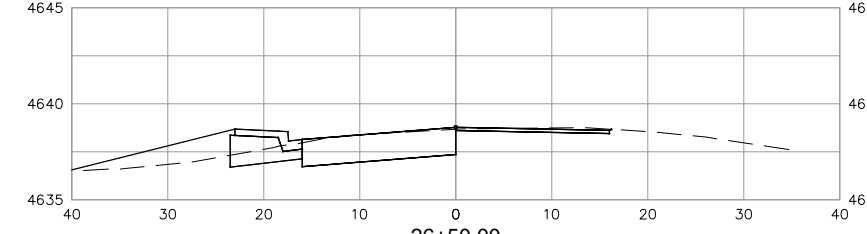
24+85.14
PT CURB RETURN



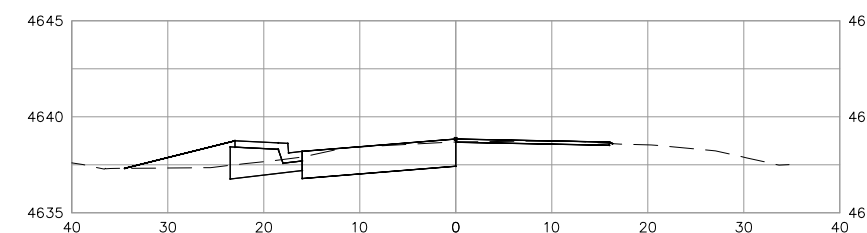
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CL MILO DRIVE



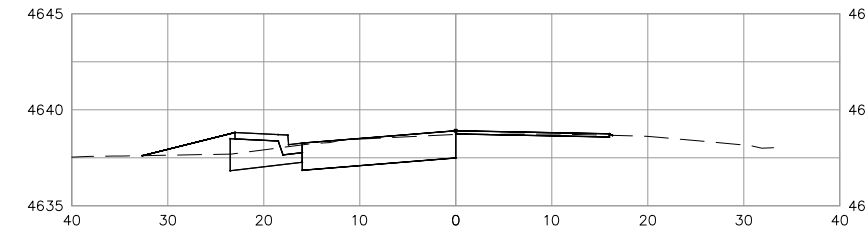
26+75.00



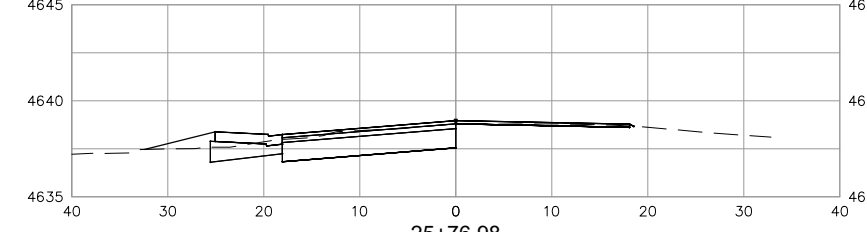
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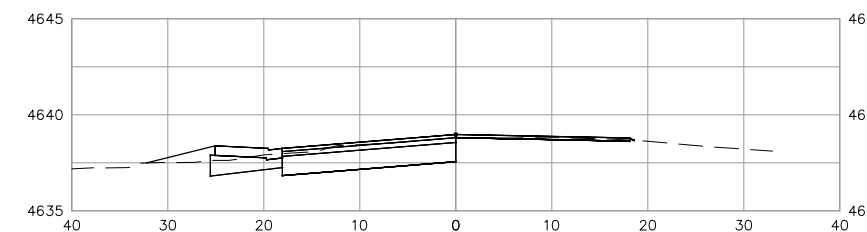
26+25.00



26+00.00



25+76.98
CL GRAVEL DRIVE



25+75.00

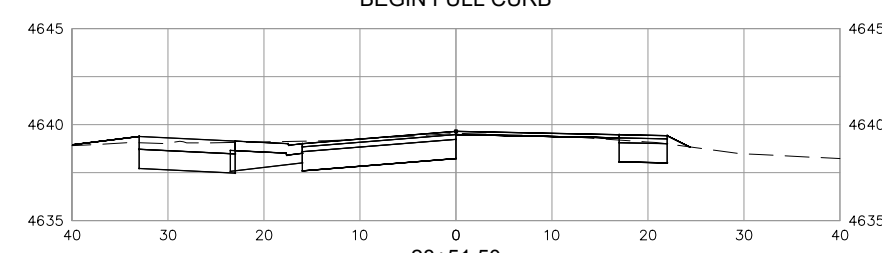
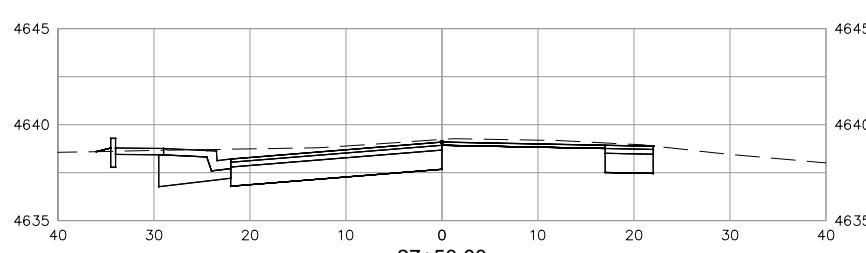
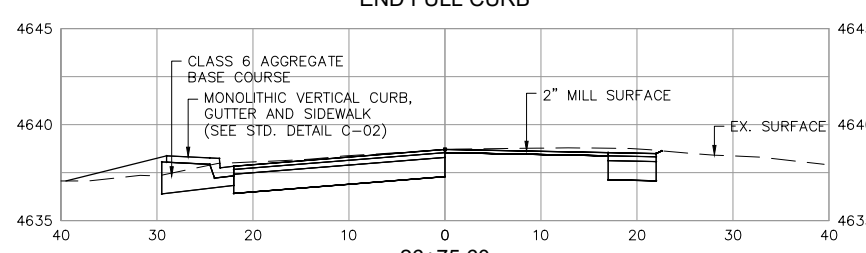
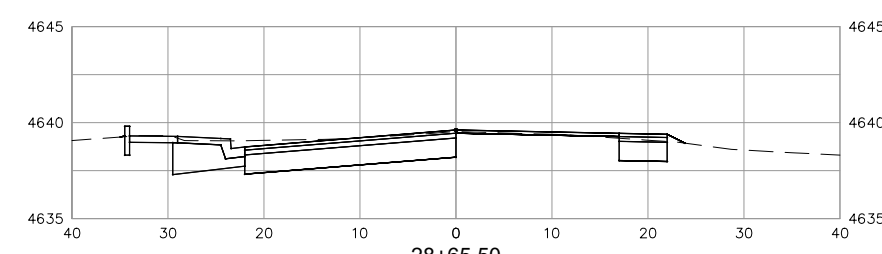
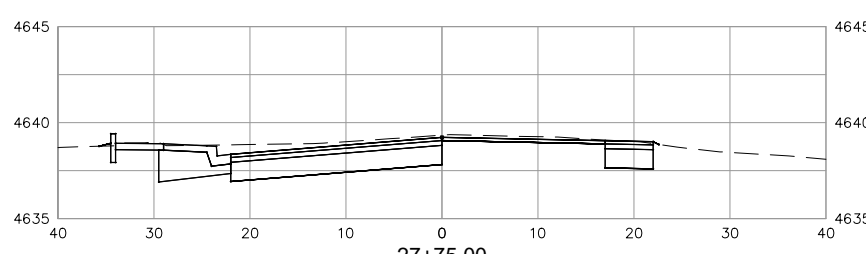
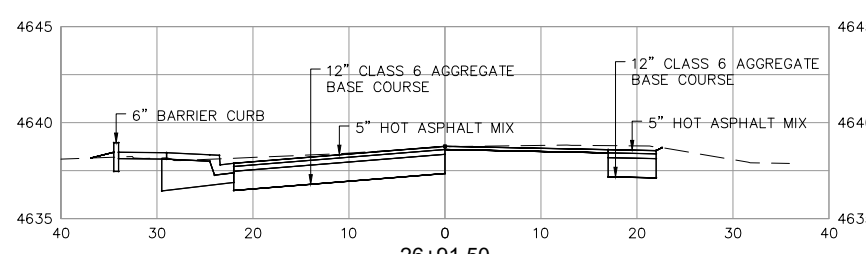
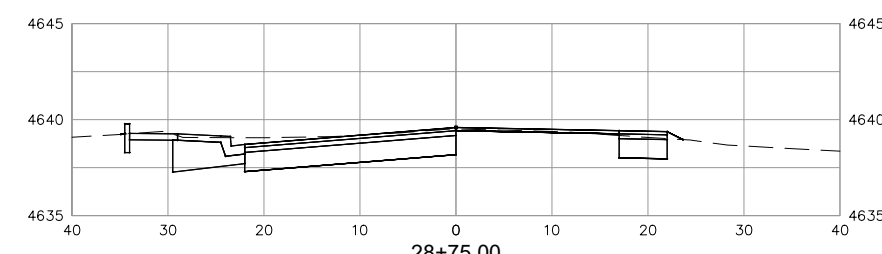
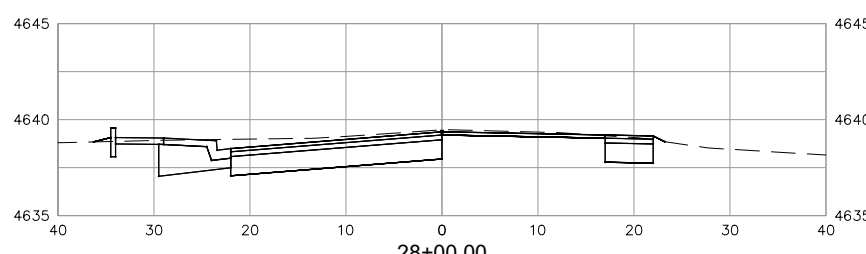
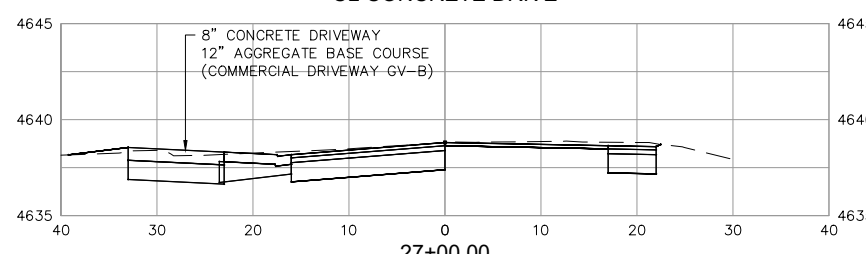
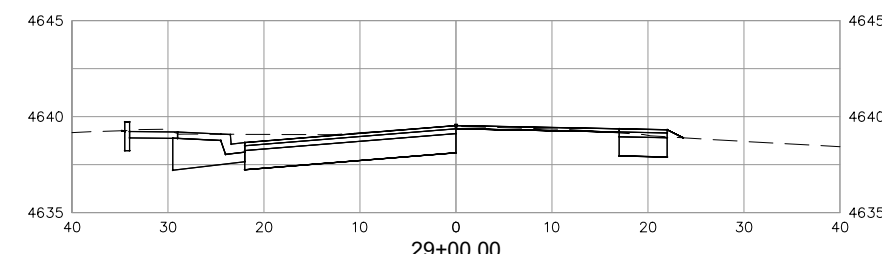
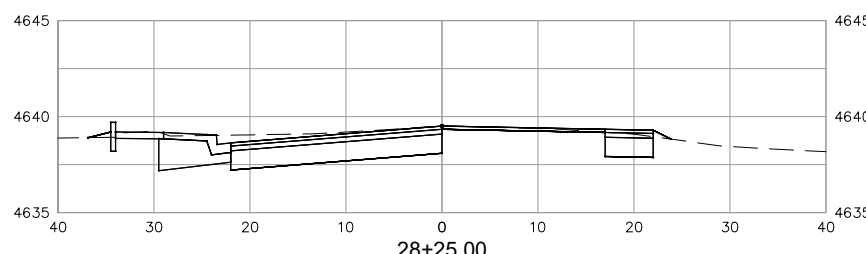
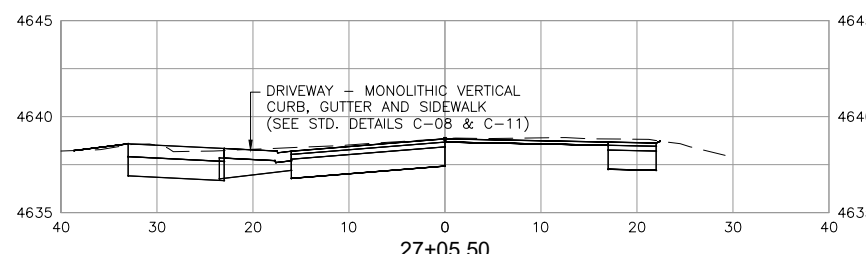
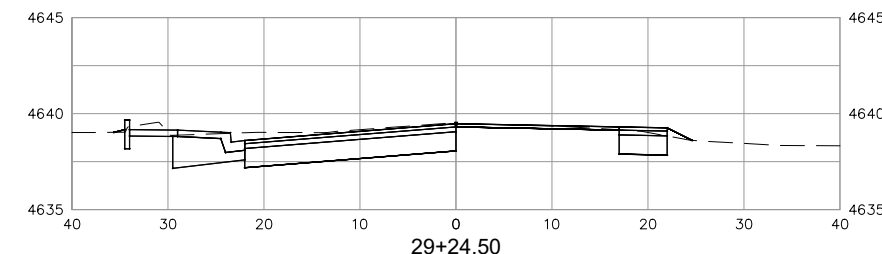
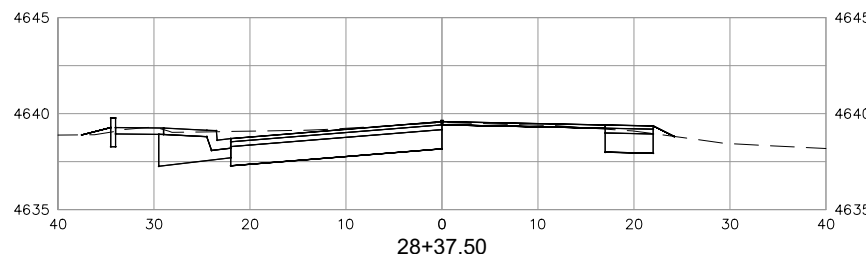
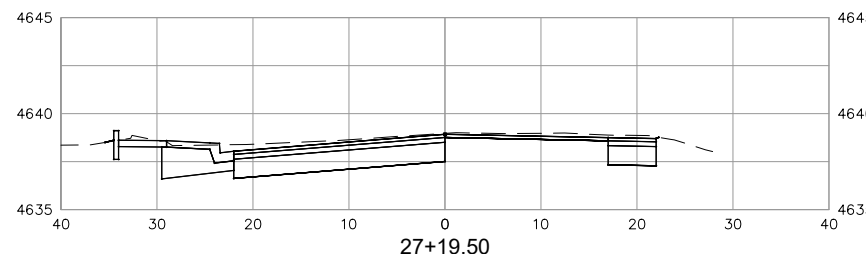
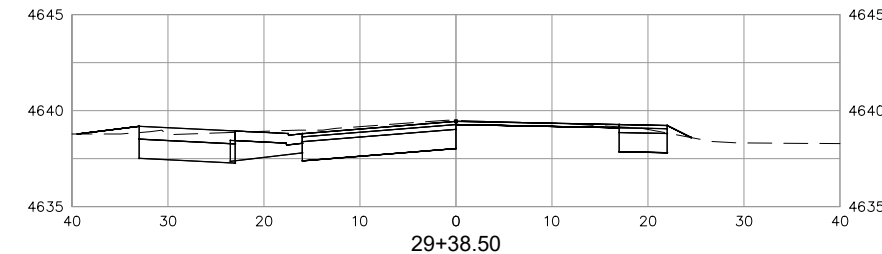
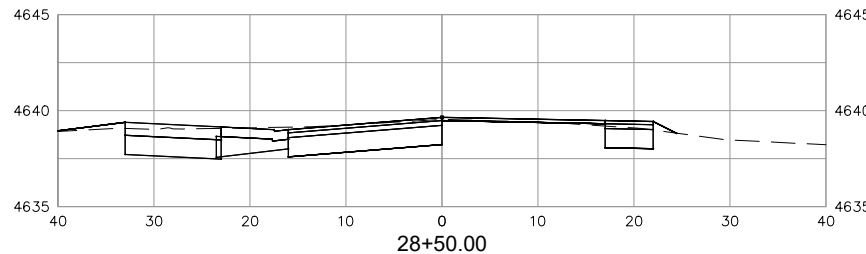
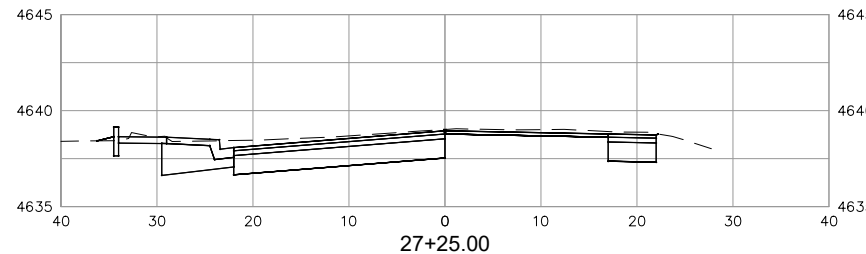
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REVISION C XXX		202X	CHECKED BY: LMF DATE 03/2024
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ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

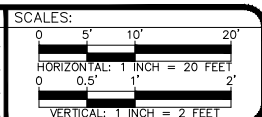
CROSS SECTIONS - STA. 23+61 TO STA. 26+75
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unaweep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srt5 27 road (south of unaweep)\south of hwy 50\60CAD\ODESIGN\Cross Sections (Unaweep) - B.75).dwg - PLOTTED 3/27/2024 11:38:14 AM



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REVISION Δ XXX		202X

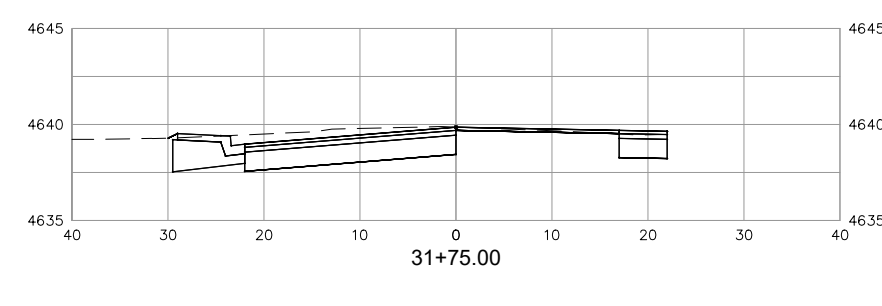
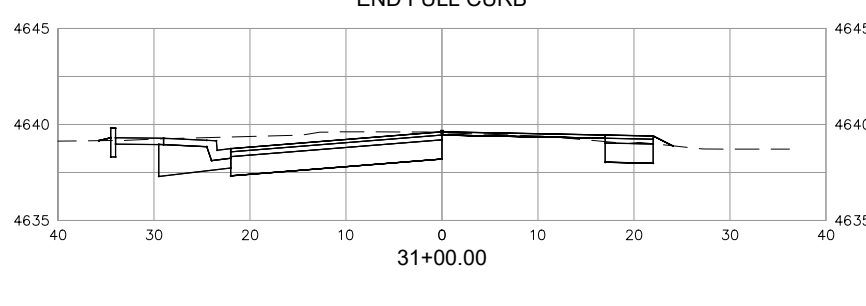
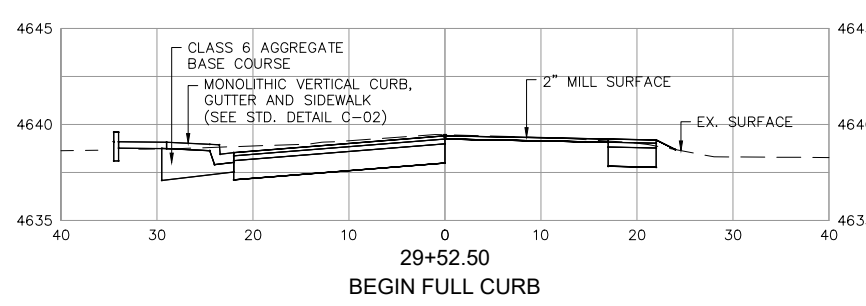
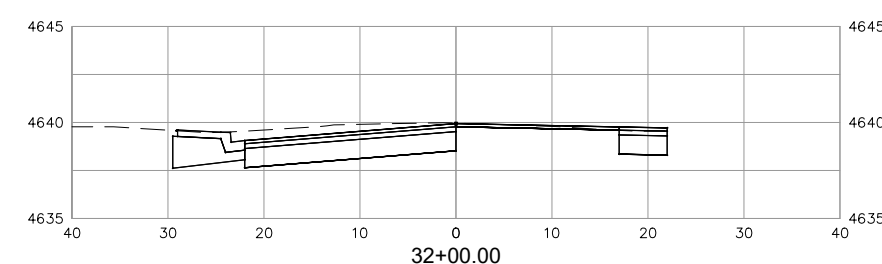
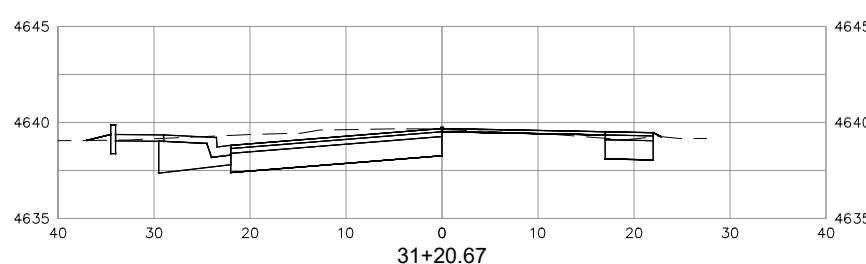
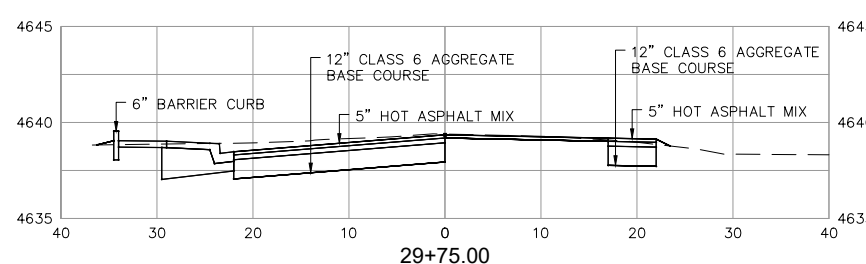
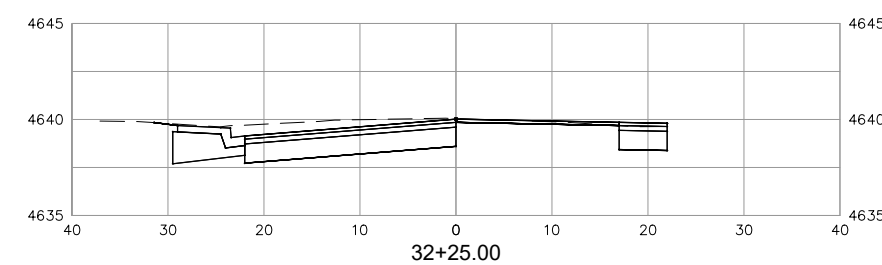
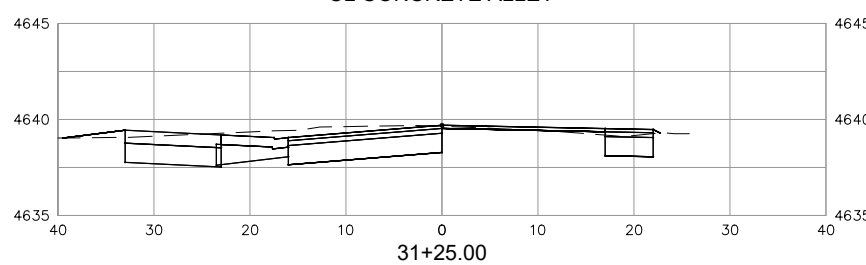
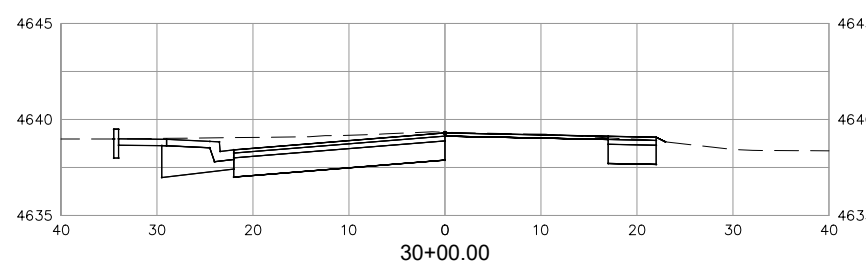
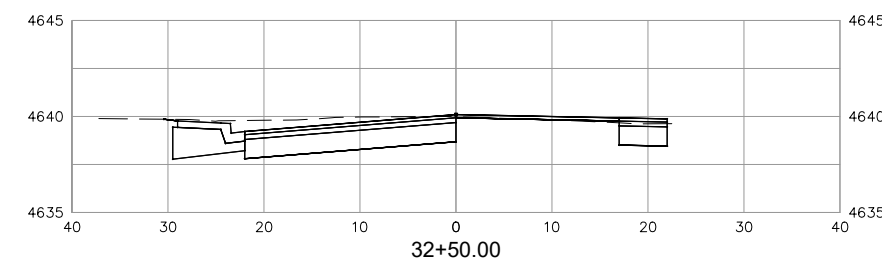
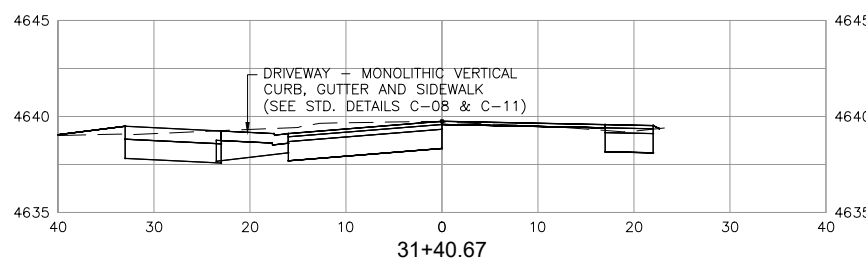
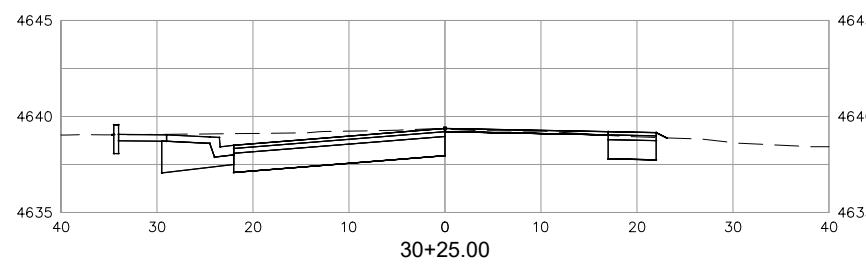
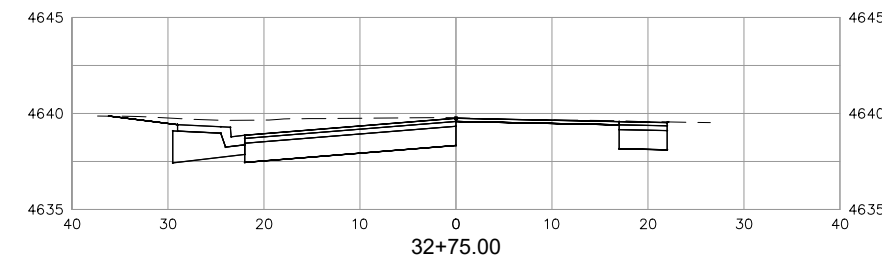
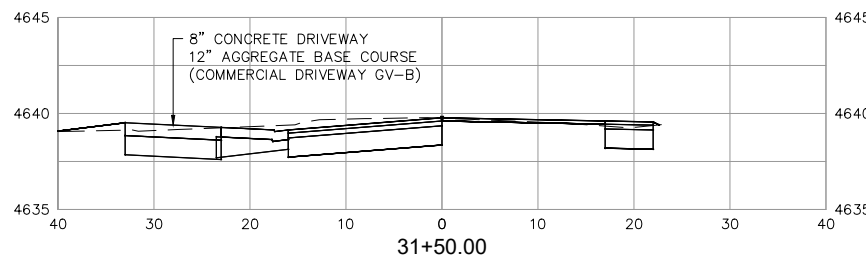
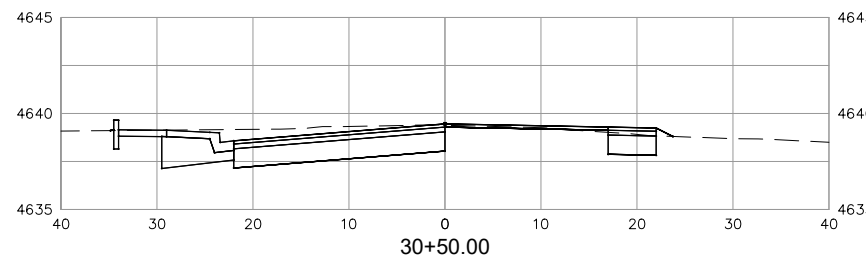
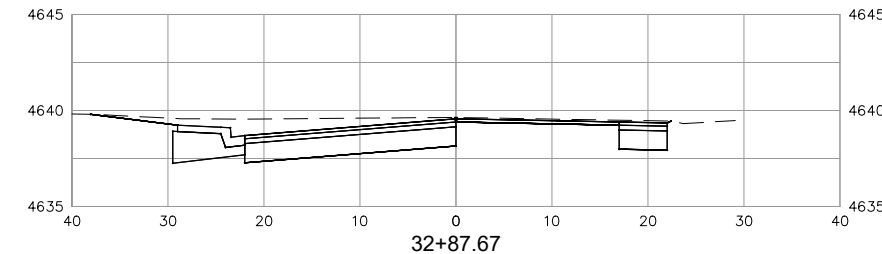
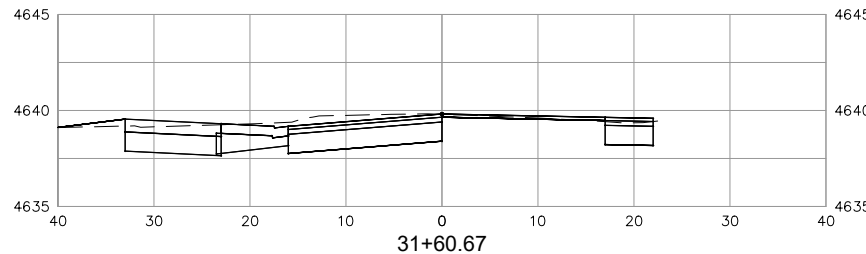
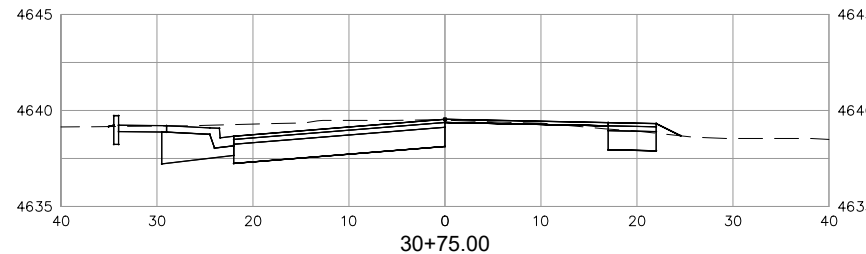
PROJECT NO. F200405 / F200406
DRAWN BY: NCW DATE 03/2024
DESIGNED BY: NCW DATE 03/2024
CHECKED BY: LMF DATE 03/2024
APPROVED BY: KAH DATE



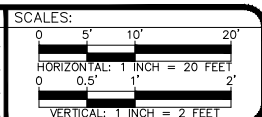
ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

CROSS SECTIONS - STA. 26+75.60 TO STA. 29+38.50
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unaweep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srt5 27 road (south of unaweep)\south of hwy 50\60CAD\ODESIGN\Cross Sections (Unaweep - B.75).dwg - PLOTTED 3/27/2024 11:38:19 AM



REVISION	DESCRIPTION	DATE	PROJECT NO. F200405 / F200406
REVISION Δ XXX		- 202X	DRAWN BY: NCW DATE 03/2024
REVISION Δ XXX		- 202X	DESIGNED BY: NCW DATE 03/2024
REVISION Δ XXX		- 202X	CHECKED BY: LMF DATE 03/2024
REVISION Δ XXX		- 202X	APPROVED BY: KAH DATE



ENGINEERING & TRANSPORTATION DEPARTMENT
244 North 7th Street - Grand Junction, CO, 81501

CROSS SECTIONS - STA. 29+52.50 TO STA. 32+87.87
SAFE ROUTES TO SCHOOL - 27 ROAD IMPROVEMENTS
Unaweep Avenue - B 3/4 Road

n:\EngProj\F200405-406 srt5 27 road (south of unaweep)\south of hwy 50\60CAD\ODESIGN\Cross Sections (Unaweep - B.75).dwg - PLOTTED 3/27/2024 11:38:24 AM